

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012623\
 Data File : VX033921.D
 Acq On : 26 Jan 2023 19:47
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jan 27 03:00:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011123W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 11 14:48:42 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 01/27/2023
 Supervised By : Semsettin Yesilyurt 01/27/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.550	168	163351	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	232543	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	209054	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	113436	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	76079	44.234	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	88.460%		
35) Dibromofluoromethane	5.385	113	71133	49.262	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.520%		
50) Toluene-d8	8.647	98	251435	47.791	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	95.580%		
62) 4-Bromofluorobenzene	11.079	95	96059	49.176	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.360%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	54458	42.187	ug/l	99
3) Chloromethane	1.294	50	67579	47.394	ug/l	97
4) Vinyl Chloride	1.374	62	68986	49.853	ug/l	100
5) Bromomethane	1.605	94	30493	38.352	ug/l	99
6) Chloroethane	1.684	64	41775	48.831	ug/l	100
7) Trichlorofluoromethane	1.886	101	102551	45.698	ug/l	98
8) Diethyl Ether	2.129	74	41718	56.776	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	64926	50.200	ug/l	93
10) Methyl Iodide	2.453	142	90714	49.996	ug/l	92
11) Tert butyl alcohol	2.953	59	65460	219.087	ug/l #	83
12) 1,1-Dichloroethene	2.318	96	61419	46.209	ug/l	91
13) Acrolein	2.233	56	88938	322.616	ug/l	98
14) Allyl chloride	2.666	41	109185	43.553	ug/l	88
15) Acrylonitrile	3.056	53	187966	239.040	ug/l	99
16) Acetone	2.373	43	157126	251.452	ug/l	93
17) Carbon Disulfide	2.514	76	129871	39.024	ug/l	99
18) Methyl Acetate	2.696	43	113391	47.240	ug/l	97
19) Methyl tert-butyl Ether	3.111	73	205351	44.483	ug/l	99
20) Methylene Chloride	2.788	84	71177	47.468	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	66434	42.755	ug/l	97
22) Diisopropyl ether	3.757	45	223323	44.276	ug/l	91
23) Vinyl Acetate	3.721	43	850776	224.063	ug/l	98
24) 1,1-Dichloroethane	3.611	63	122535	44.403	ug/l	98
25) 2-Butanone	4.550	43	252045	224.283	ug/l	96
26) 2,2-Dichloropropane	4.477	77	81644	41.303	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	82169	45.997	ug/l	96
28) Bromochloromethane	4.891	49	54367	43.251	ug/l	92
29) Tetrahydrofuran	5.001	42	166281	234.768	ug/l	98
30) Chloroform	5.092	83	128250	45.375	ug/l	98
31) Cyclohexane	5.470	56	105747	41.783	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	107081	44.373	ug/l	99
36) 1,1-Dichloropropene	5.690	75	90923	43.145	ug/l	98
37) Ethyl Acetate	4.708	43	96409	47.820	ug/l	99
38) Carbon Tetrachloride	5.678	117	96653	44.282	ug/l	99
39) Methylcyclohexane	7.379	83	111353	42.787	ug/l	96
40) Benzene	6.037	78	279819	45.554	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	58346	50.241	ug/l	97
42) 1,2-Dichloroethane	6.080	62	96276	44.227	ug/l	99
43) Isopropyl Acetate	6.336	43	151829	45.636	ug/l	98
44) Trichloroethene	7.122	130	83054	48.352	ug/l	96
45) 1,2-Dichloropropane	7.427	63	71388	46.394	ug/l	98
46) Dibromomethane	7.580	93	50672	47.146	ug/l	96
47) Bromodichloromethane	7.824	83	98175	47.397	ug/l	99
48) Methyl methacrylate	7.689	41	78717	46.970	ug/l	96
49) 1,4-Dioxane	7.665	88	33451	902.360	ug/l #	96
51) 4-Methyl-2-Pentanone	8.573	43	501678	245.532	ug/l	99
52) Toluene	8.720	92	182573	46.025	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	98124	47.370	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	111109	47.870	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	76061	48.441	ug/l	99
56) Ethyl methacrylate	9.116	69	110843	50.160	ug/l	97
57) 1,3-Dichloropropane	9.305	76	123960	48.687	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	251058	230.689	ug/l	98
59) 2-Hexanone	9.427	43	368034	258.793	ug/l	99
60) Dibromochloromethane	9.518	129	84130	51.681	ug/l	99
61) 1,2-Dibromoethane	9.610	107	79816	50.934	ug/l	97
64) Tetrachloroethene	9.275	164	74171	50.405	ug/l	97
65) Chlorobenzene	10.079	112	206147	47.633	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	79228	49.744	ug/l	99
67) Ethyl Benzene	10.195	91	351130	47.254	ug/l	99
68) m/p-Xylenes	10.299	106	278978	95.987	ug/l	99
69) o-Xylene	10.640	106	139845	48.518	ug/l	98
70) Styrene	10.652	104	234319	49.987	ug/l	100
71) Bromoform	10.799	173	68198	51.098	ug/l #	100
73) Isopropylbenzene	10.963	105	361827	48.393	ug/l	99
74) N-amyl acetate	10.841	43	134178	45.045	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	112969	51.891	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	90605m	43.472	ug/l	
77) Bromobenzene	11.195	156	98946	49.084	ug/l	98
78) n-propylbenzene	11.305	91	405008	43.754	ug/l	99
79) 2-Chlorotoluene	11.366	91	242827	48.469	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	300879	44.080	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	30241	45.094	ug/l	99
82) 4-Chlorotoluene	11.451	91	273817	47.707	ug/l	98
83) tert-Butylbenzene	11.713	119	314141	46.351	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	301956	46.766	ug/l	100
85) sec-Butylbenzene	11.890	105	382388	47.171	ug/l	100
86) p-Isopropyltoluene	12.006	119	330216	47.580	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	181204	47.276	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	179944	46.086	ug/l	99
89) n-Butylbenzene	12.329	91	263722	46.448	ug/l	99
90) Hexachloroethane	12.536	117	52691	46.154	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	179550	48.545	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	22303	48.182	ug/l	95
93) 1,2,4-Trichlorobenzene	13.585	180	128329	51.509	ug/l	99
94) Hexachlorobutadiene	13.725	225	57264	46.922	ug/l	99
95) Naphthalene	13.774	128	372400	51.955	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	126445	50.721	ug/l	99

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ClientSampleId :
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

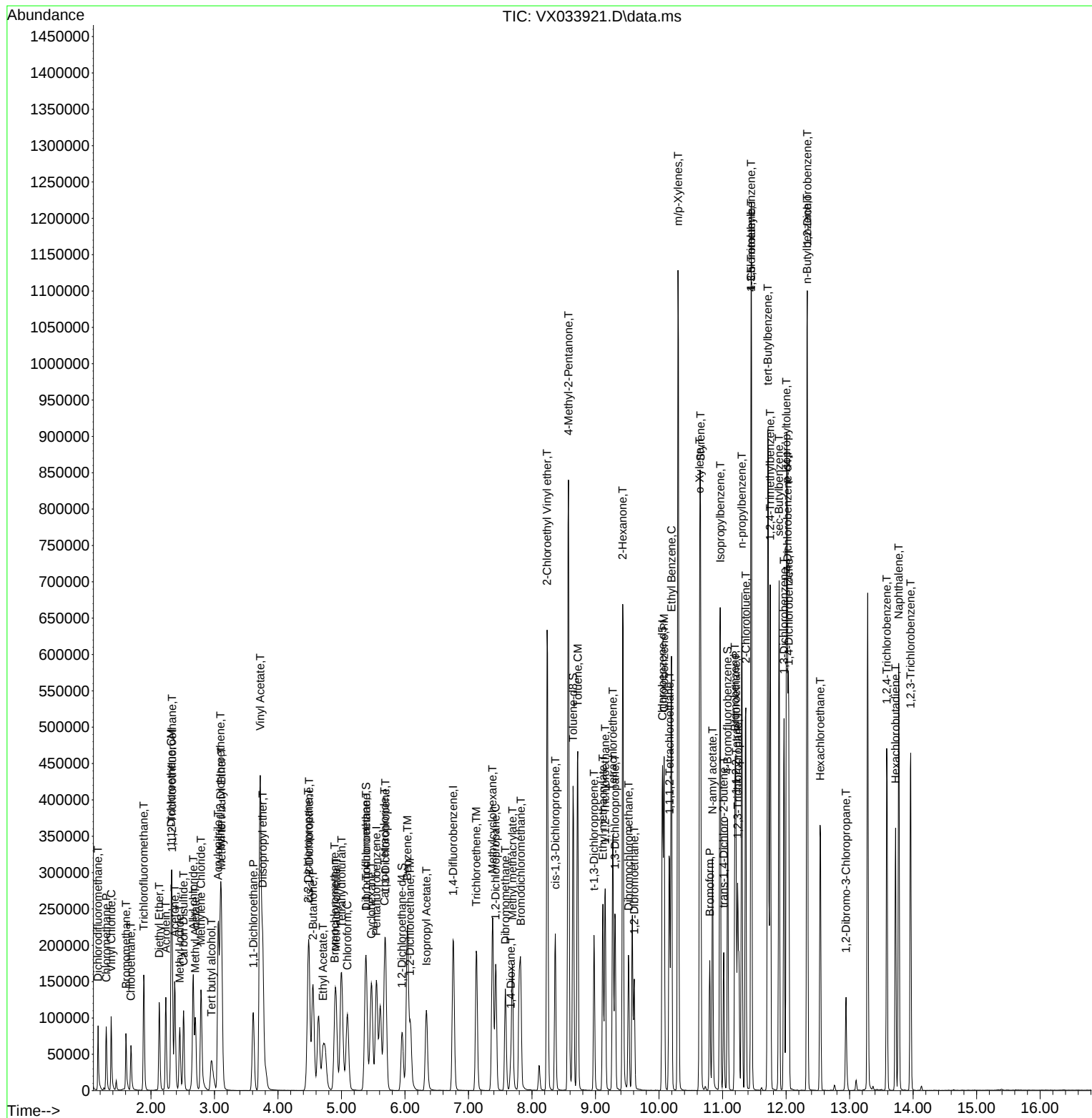
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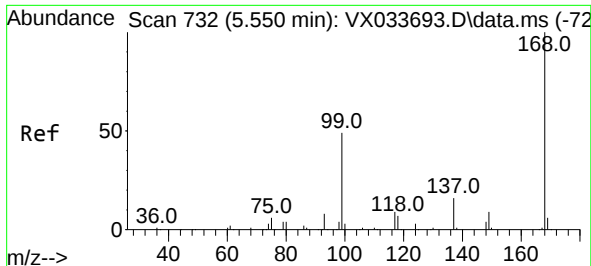
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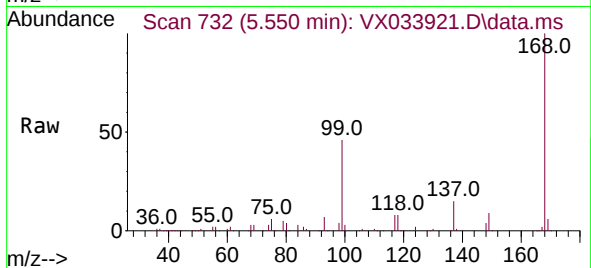
Reviewed By :John Carlone 01/27/2023
Supervised By :Semsettin Yesilyurt 01/27/2023





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX033921.D
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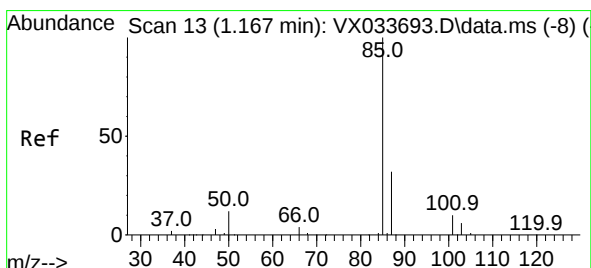
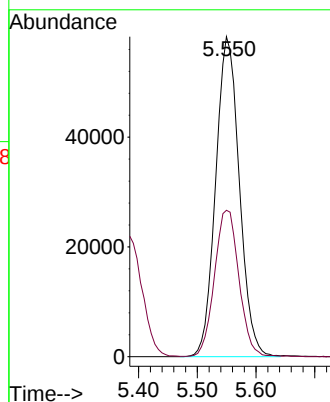
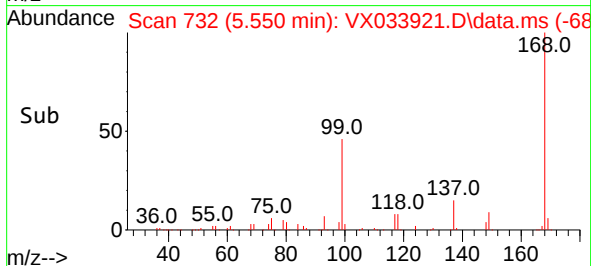
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 16335
Ion Ratio Lower Upper
168 100
99 45.6 39.6 59.4

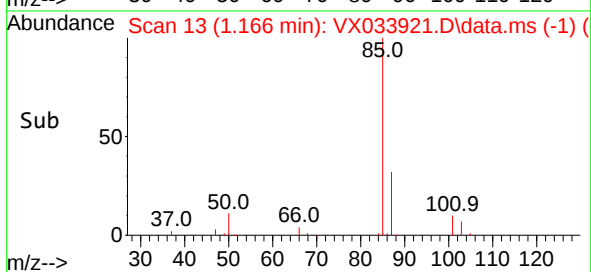
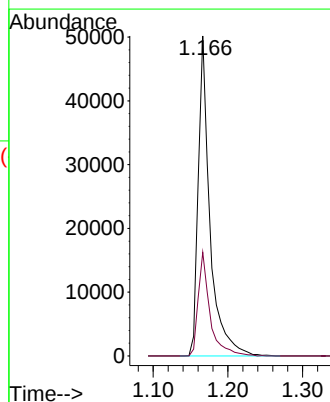
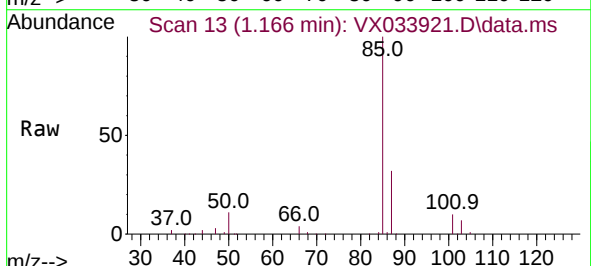
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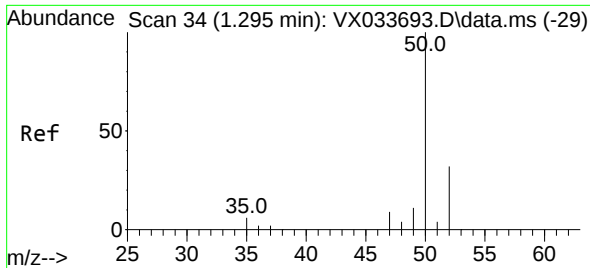
Reviewed By :John Carlone 01/27/2023
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#2
Dichlorodifluoromethane
Concen: 42.187 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX033921.D
Acq: 26 Jan 2023 19:47

Tgt Ion: 85 Resp: 54458
Ion Ratio Lower Upper
85 100
87 32.4 15.8 47.4





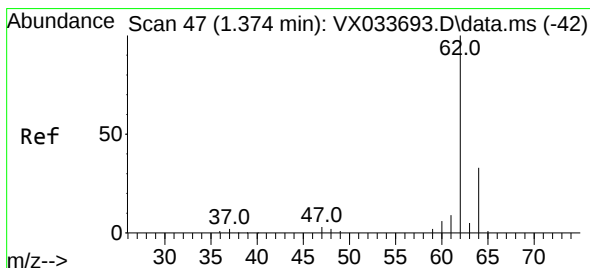
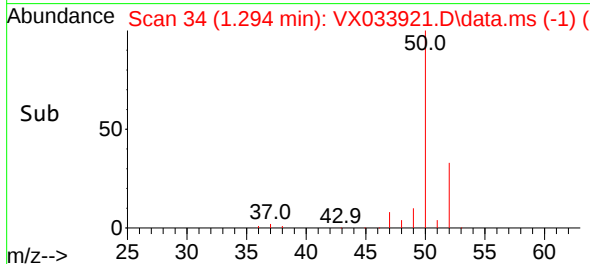
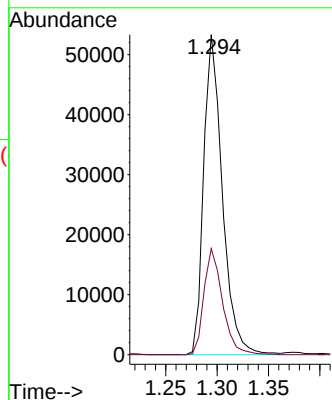
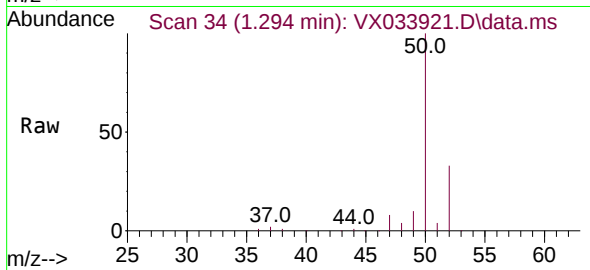
#3
Chloromethane
Concen: 47.394 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.001 min
Lab File: VX033921.D
Acq: 26 Jan 2023 19:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 50 Resp: 67579
Ion Ratio Lower Upper
50 100
52 33.2 25.2 37.8

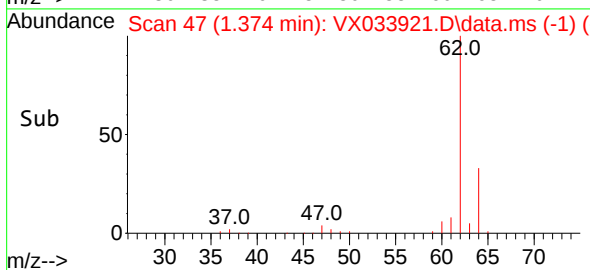
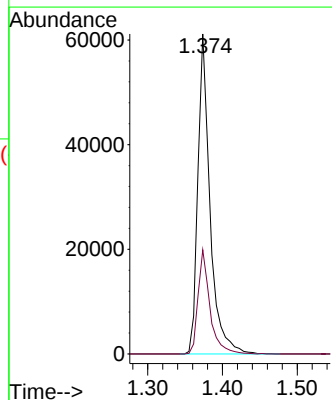
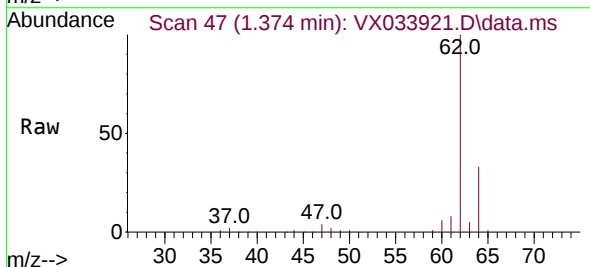
Manual Integrations
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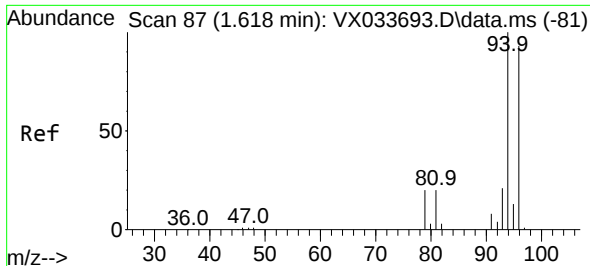
Reviewed By :John Carlone 01/27/2023
Supervised By :Semsettin Yesilyurt 01/27/2023



#4
Vinyl Chloride
Concen: 49.853 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX033921.D
Acq: 26 Jan 2023 19:47

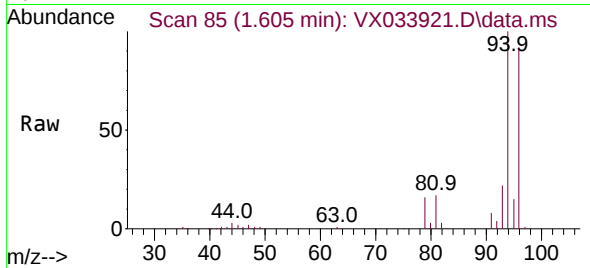
Tgt Ion: 62 Resp: 68986
Ion Ratio Lower Upper
62 100
64 32.5 26.2 39.4





#5
Bromomethane
Concen: 38.352 ug/l
RT: 1.605 min Scan# 81
Delta R.T. -0.012 min
Lab File: VX033921.D
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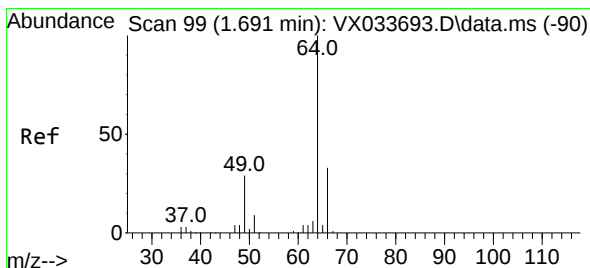
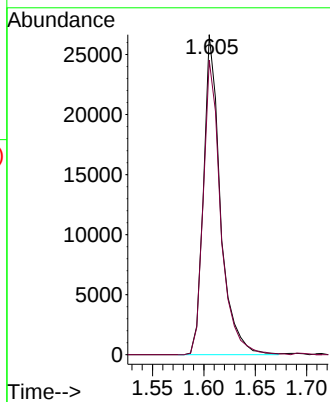
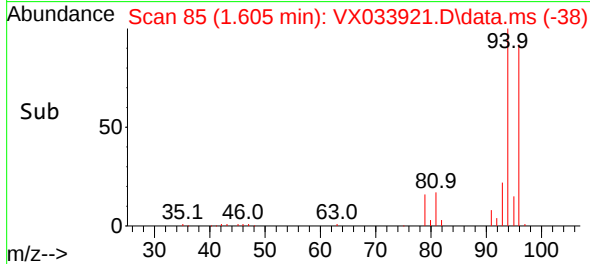
Instrument :
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Tgt Ion: 94 Resp: 3049
Ion Ratio Lower Upper
94 100
96 92.0 74.3 111.5

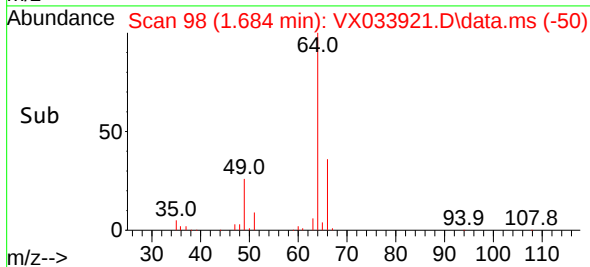
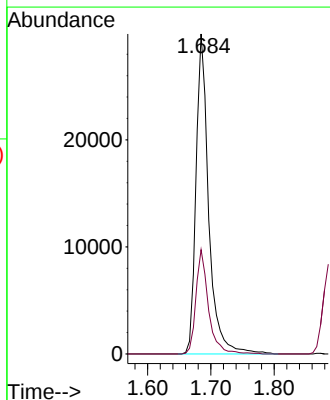
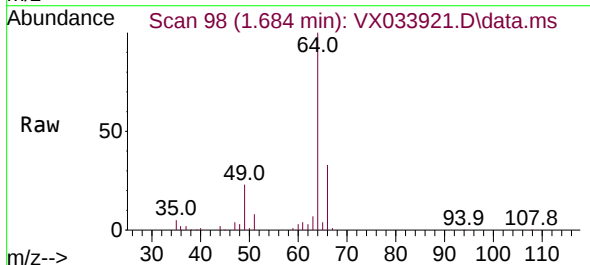
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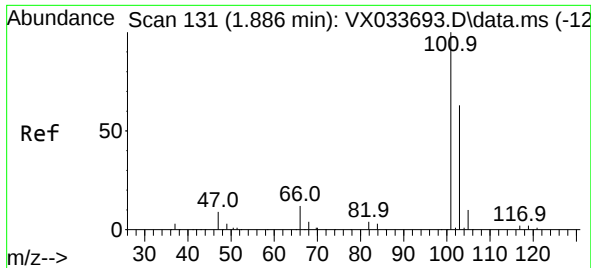
Reviewed By :John Carlone 01/27/2023
Supervised By :Semsettin Yesilyurt 01/27/2023



#6
Chloroethane
Concen: 48.831 ug/l
RT: 1.684 min Scan# 98
Delta R.T. -0.006 min
Lab File: VX033921.D
Acq: 26 Jan 2023 19:47

Tgt Ion: 64 Resp: 41775
Ion Ratio Lower Upper
64 100
66 32.6 26.1 39.1





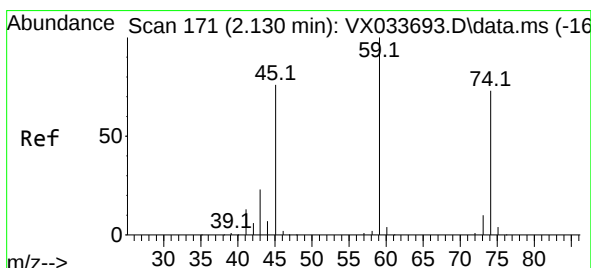
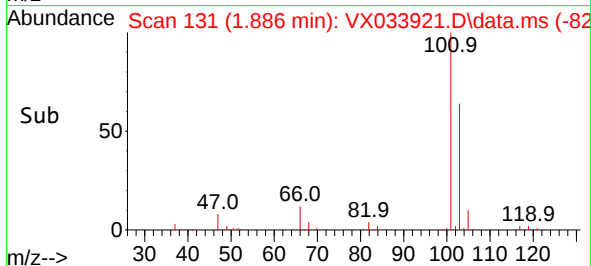
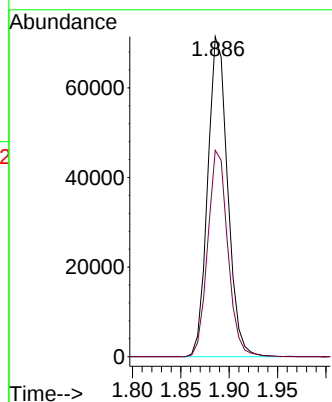
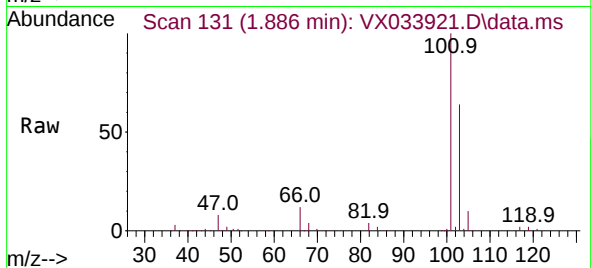
#7
Trichlorofluoromethane
Concen: 45.698 ug/l
RT: 1.886 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX033921.D
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Instrument :
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Tgt Ion:101 Resp: 10255
Ion Ratio Lower Upper
101 100
103 64.5 50.6 75.8

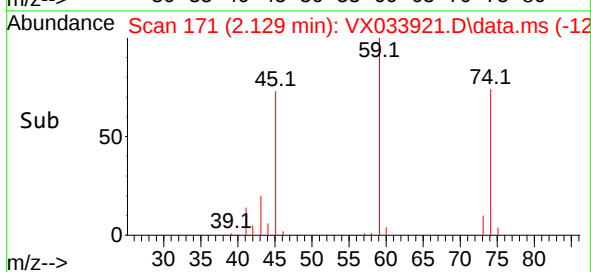
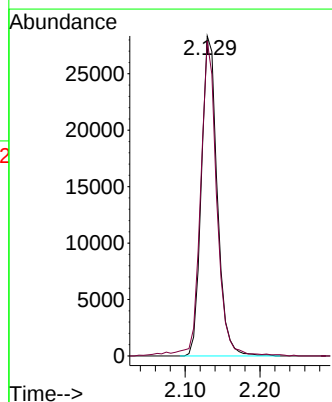
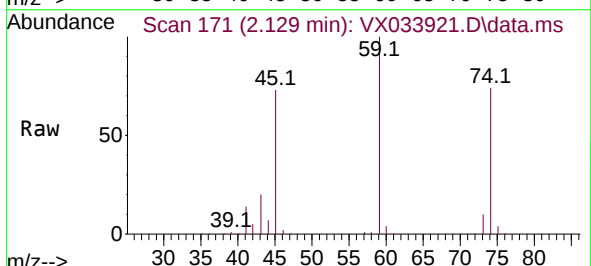
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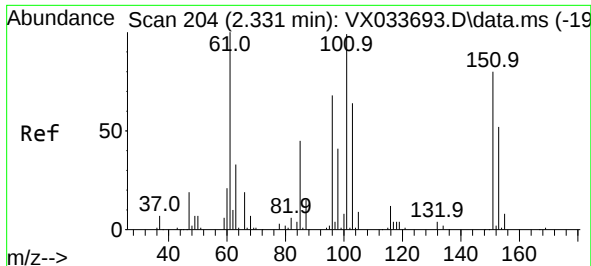
Reviewed By :John Carlone 01/27/2023
Supervised By :Semsettin Yesilyurt 01/27/2023



#8
Diethyl Ether
Concen: 56.776 ug/l
RT: 2.129 min Scan# 171
Delta R.T. -0.000 min
Lab File: VX033921.D
Acq: 26 Jan 2023 19:47

Tgt Ion: 74 Resp: 41718
Ion Ratio Lower Upper
74 100
45 101.6 51.5 154.5





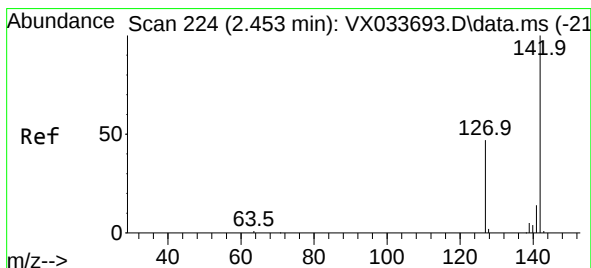
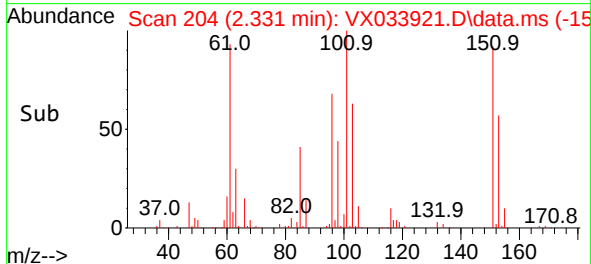
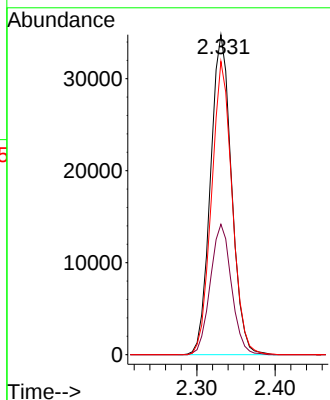
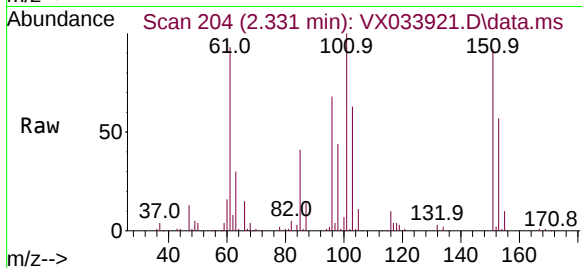
#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.200 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX033921.D
Acq: 26 Jan 2023 19:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 64920
Ion Ratio Lower Upper
101 100
85 40.9 36.7 55.1
151 89.8 66.5 99.7

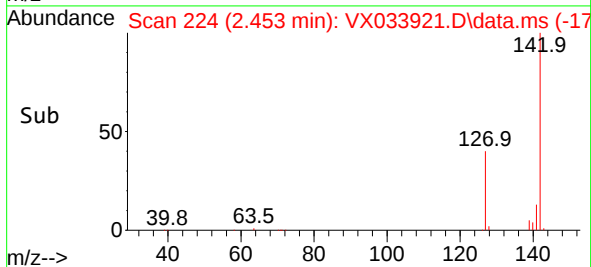
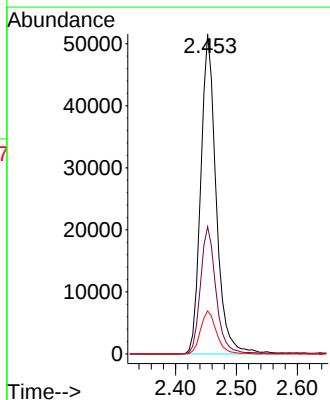
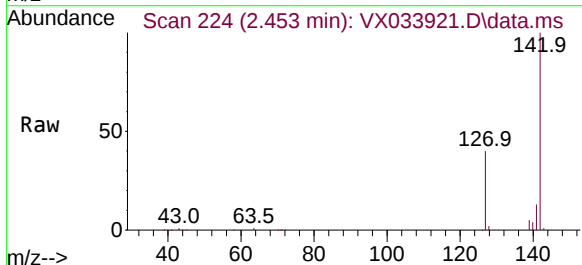
Manual Integrations
APPROVED

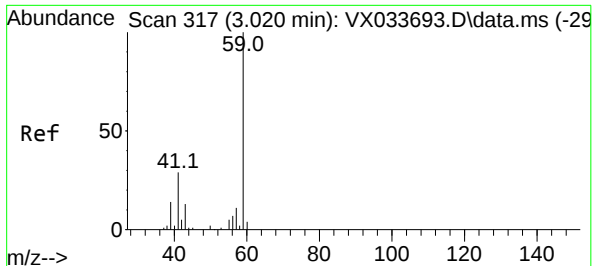
Reviewed By :John Carlone 01/27/2023
Supervised By :Semsettin Yesilyurt 01/27/2023



#10
Methyl Iodide
Concen: 49.996 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX033921.D
Acq: 26 Jan 2023 19:47

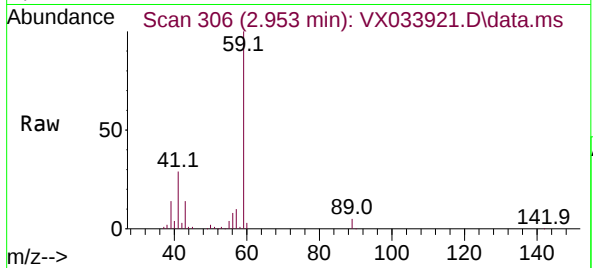
Tgt Ion:142 Resp: 90714
Ion Ratio Lower Upper
142 100
127 40.2 37.3 55.9
141 13.9 11.5 17.3





#11
Tert butyl alcohol
Concen: 219.087 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.067 min
Lab File: VX033921.D
Acq: 26 Jan 2023 19:47

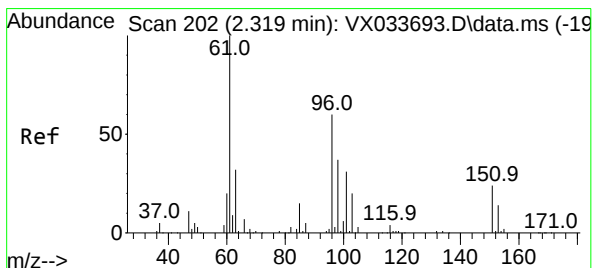
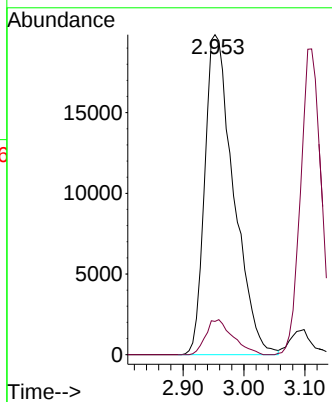
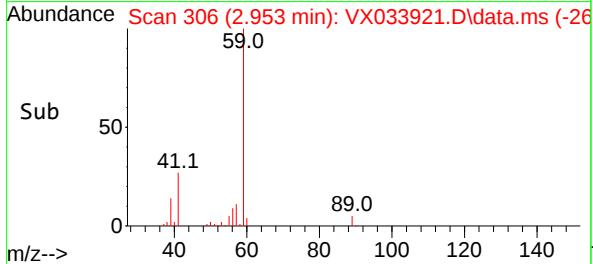
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 59 Resp: 65460
Ion Ratio Lower Upper
59 100
57 10.3 3.7 5.5

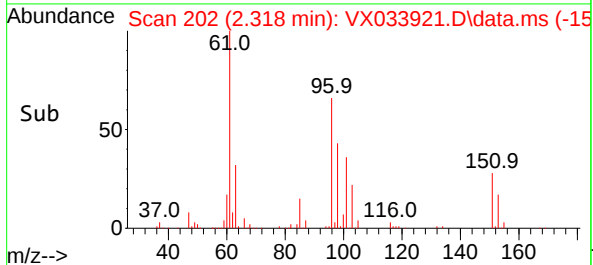
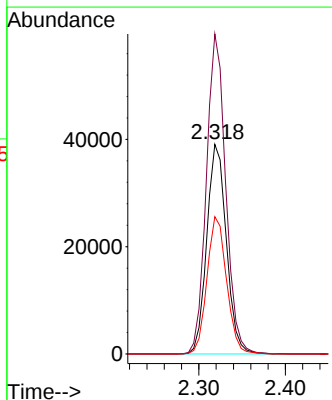
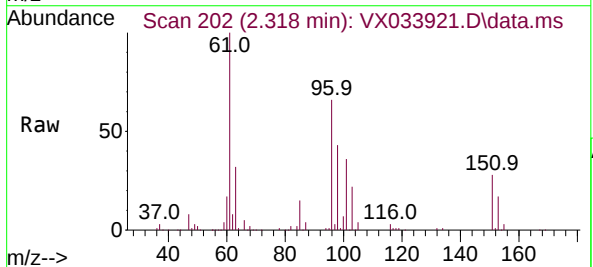
Manual Integrations
APPROVED

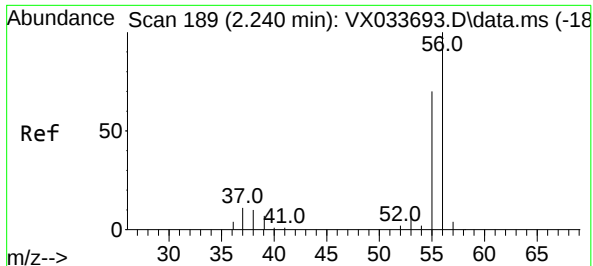
Reviewed By :John Carlone 01/27/2023
Supervised By :Semsettin Yesilyurt 01/27/2023



#12
1,1-Dichloroethene
Concen: 46.209 ug/l
RT: 2.318 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX033921.D
Acq: 26 Jan 2023 19:47

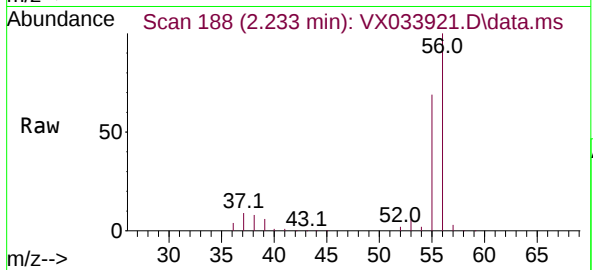
Tgt Ion: 96 Resp: 61419
Ion Ratio Lower Upper
96 100
61 152.7 134.2 201.4
98 65.5 50.2 75.2





#13
Acrolein
Concen: 322.616 ug/l
RT: 2.233 min Scan# 189
Delta R.T. -0.006 min
Lab File: VX033921.D
Acq: 26 Jan 2023 19:47

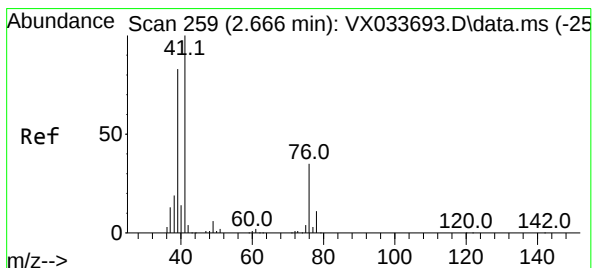
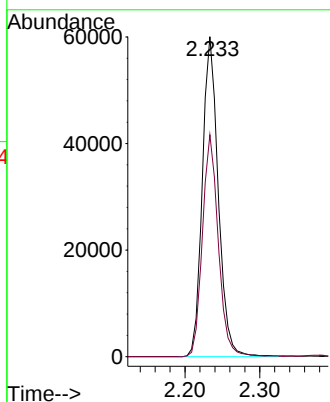
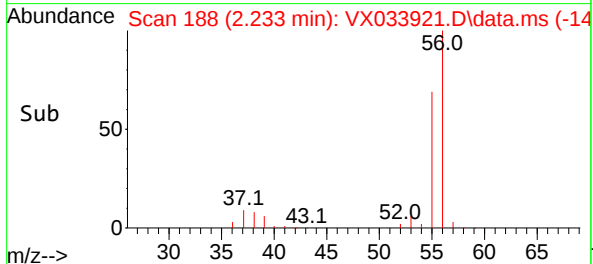
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 88938
Ion Ratio Lower Upper
56 100
55 69.0 56.3 84.5

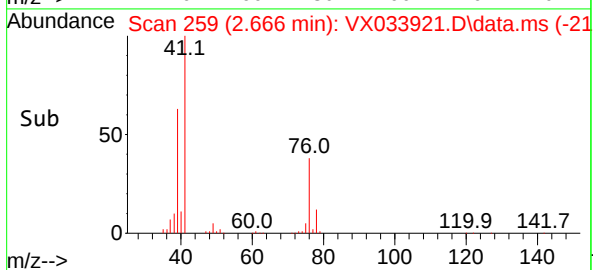
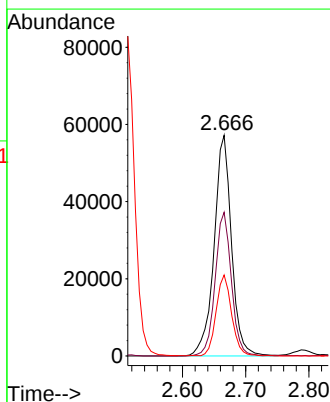
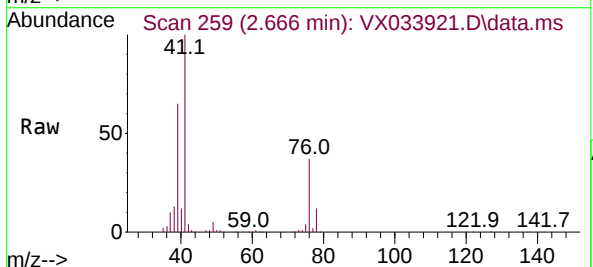
Manual Integrations
APPROVED

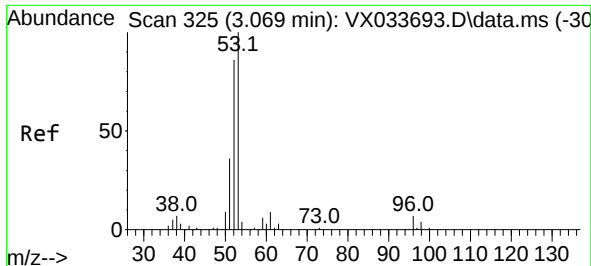
Reviewed By :John Carlone 01/27/2023
Supervised By :Semsettin Yesilyurt 01/27/2023



#14
Allyl chloride
Concen: 43.553 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX033921.D
Acq: 26 Jan 2023 19:47

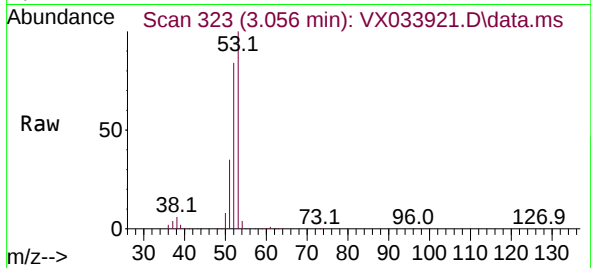
Tgt Ion: 41 Resp: 109185
Ion Ratio Lower Upper
41 100
39 60.5 59.0 88.4
76 32.6 24.6 37.0





#15
Acrylonitrile
Concen: 239.040 ug/l
RT: 3.056 min Scan# 31
Delta R.T. -0.012 min
Lab File: VX033921.D
Acq: 26 Jan 2023 19:47

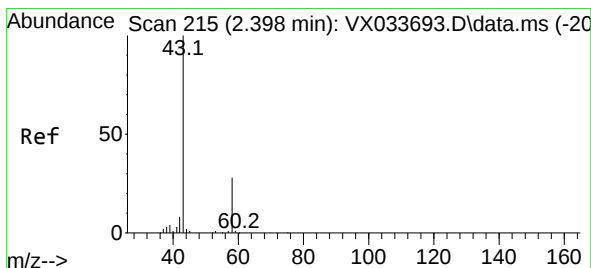
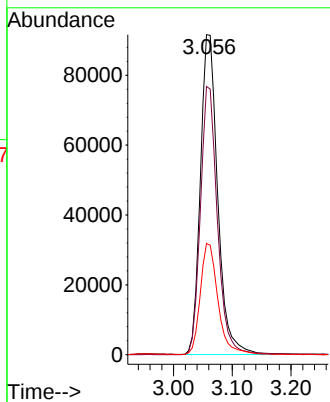
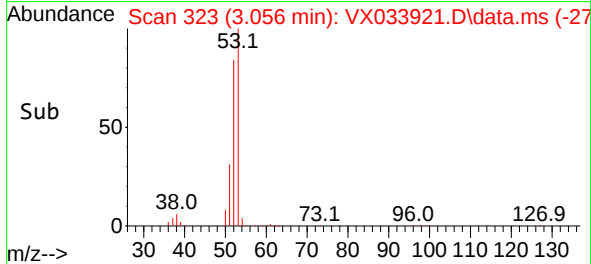
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 187960
Ion Ratio Lower Upper
53 100
52 82.3 65.7 98.5
51 35.4 29.0 43.4

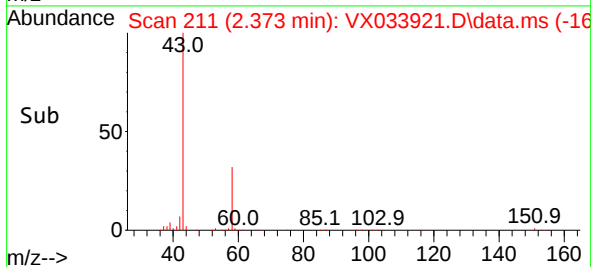
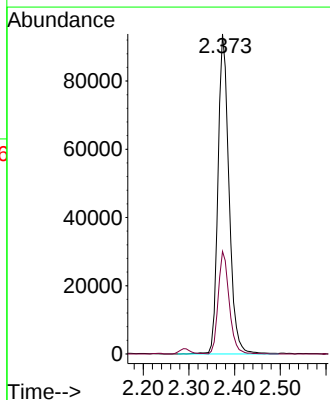
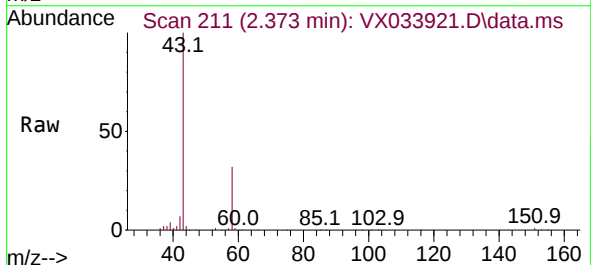
Manual Integrations
APPROVED

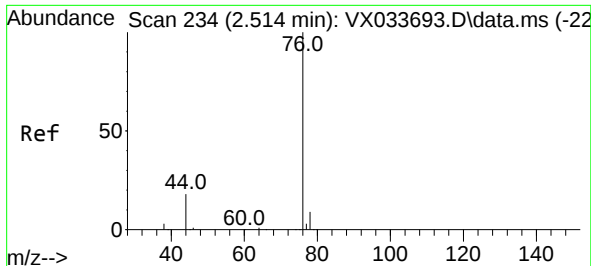
Reviewed By :John Carlone 01/27/2023
Supervised By :Semsettin Yesilyurt 01/27/2023



#16
Acetone
Concen: 251.452 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.025 min
Lab File: VX033921.D
Acq: 26 Jan 2023 19:47

Tgt Ion: 43 Resp: 157126
Ion Ratio Lower Upper
43 100
58 32.1 22.6 33.8





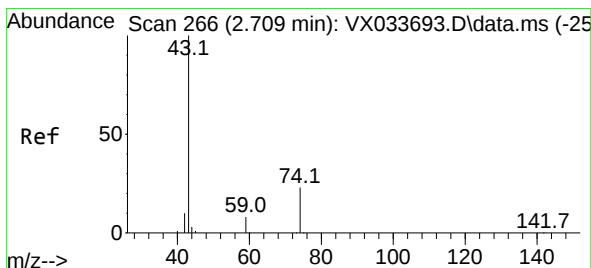
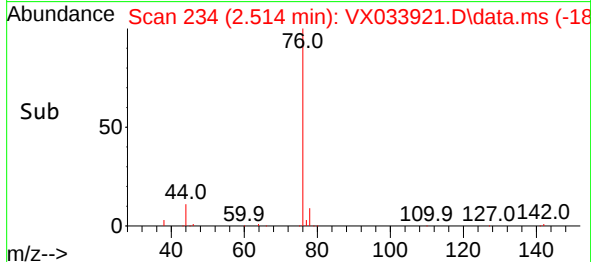
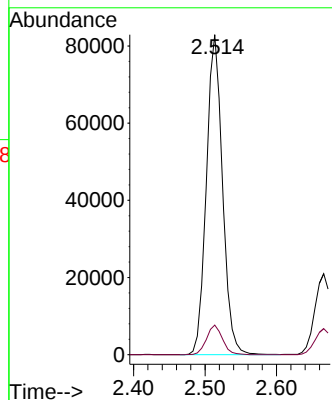
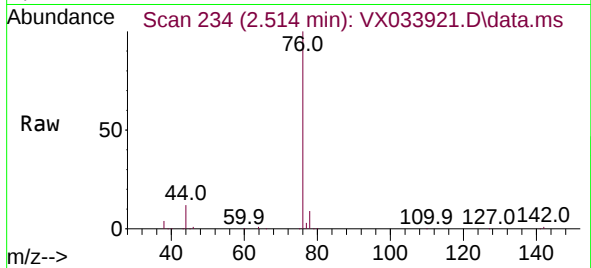
#17
Carbon Disulfide
Concen: 39.024 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX033921.D
Acq: 26 Jan 2023 19:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 12987
Ion Ratio Lower Upper
76 100
78 9.2 7.0 10.6

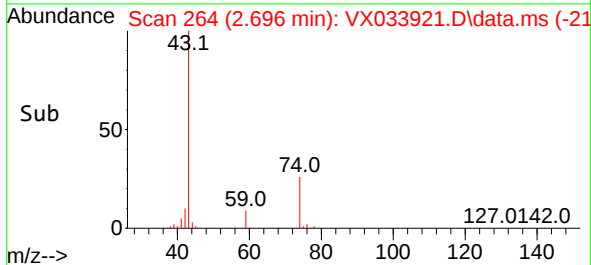
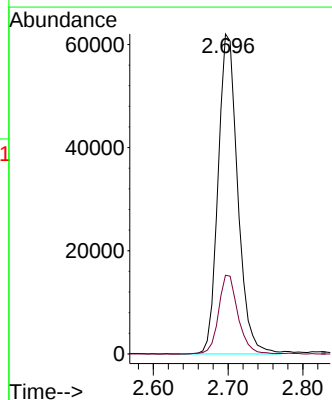
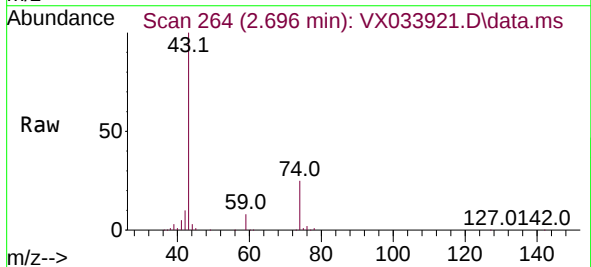
Manual Integrations
APPROVED

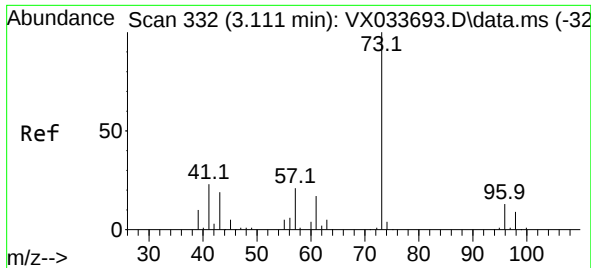
Reviewed By :John Carlone 01/27/2023
Supervised By :Semsettin Yesilyurt 01/27/2023



#18
Methyl Acetate
Concen: 47.240 ug/l
RT: 2.696 min Scan# 264
Delta R.T. -0.012 min
Lab File: VX033921.D
Acq: 26 Jan 2023 19:47

Tgt Ion: 43 Resp: 113391
Ion Ratio Lower Upper
43 100
74 24.3 18.2 27.4





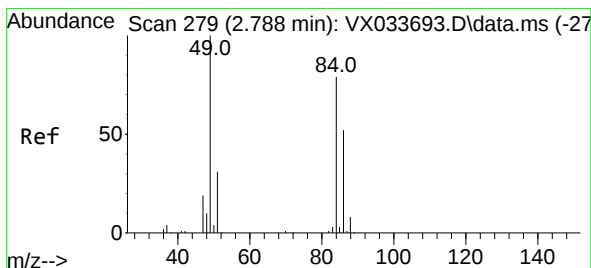
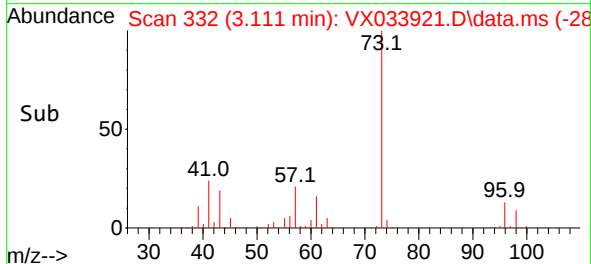
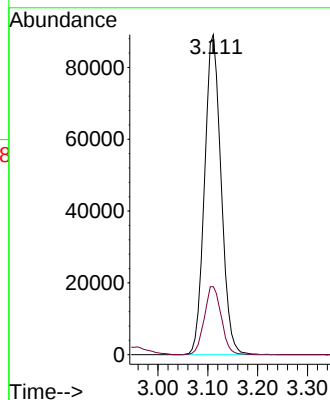
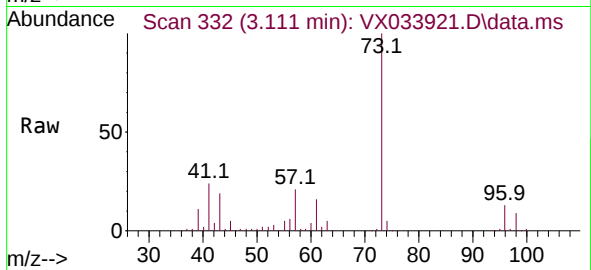
#19
Methyl tert-butyl Ether
Concen: 44.483 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX033921.D
Acq: 26 Jan 2023 19:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 20535
Ion Ratio Lower Upper
73 100
57 21.3 17.4 26.0

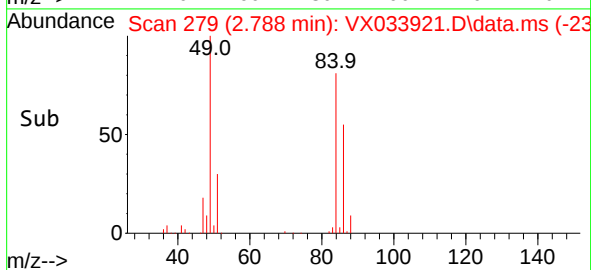
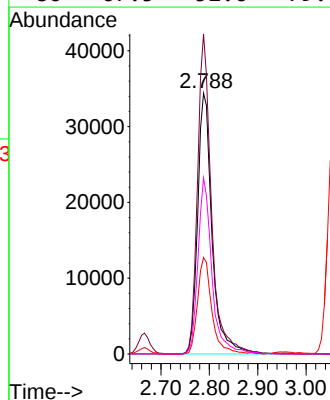
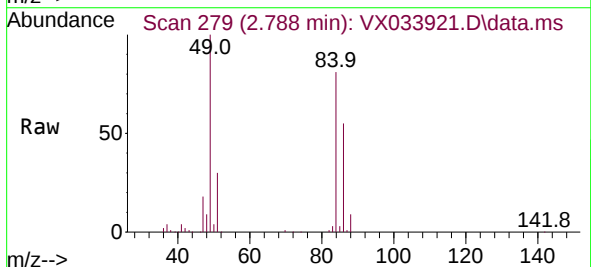
Manual Integrations
APPROVED

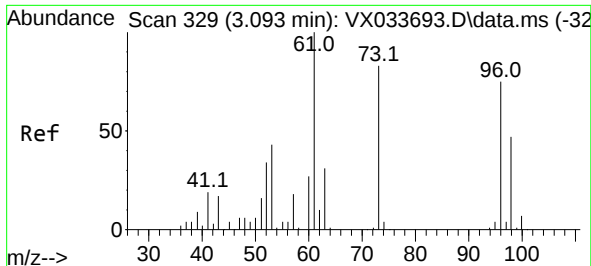
Reviewed By :John Carlone 01/27/2023
Supervised By :Semsettin Yesilyurt 01/27/2023



#20
Methylene Chloride
Concen: 47.468 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX033921.D
Acq: 26 Jan 2023 19:47

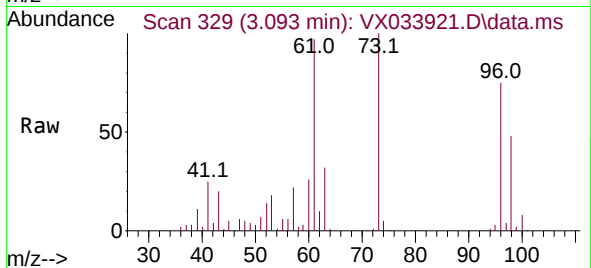
Tgt Ion: 84 Resp: 71177
Ion Ratio Lower Upper
84 100
49 122.7 101.1 151.7
51 37.0 31.0 46.6
86 67.5 52.6 79.0





#21
trans-1,2-Dichloroethene
Concen: 42.755 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX033921.D
Acq: 26 Jan 2023 19:47

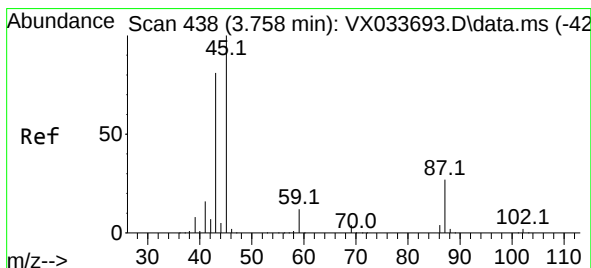
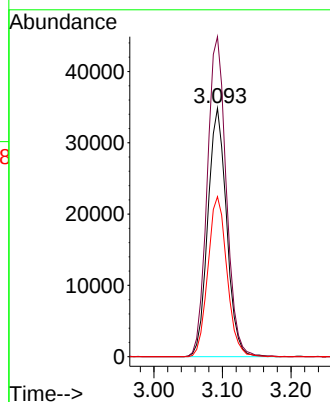
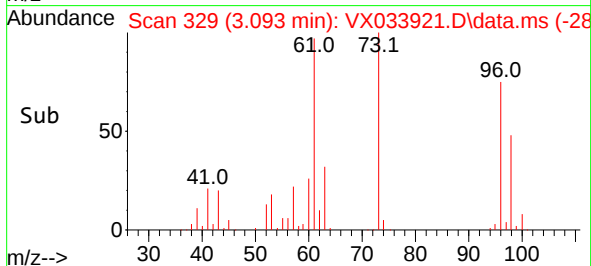
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



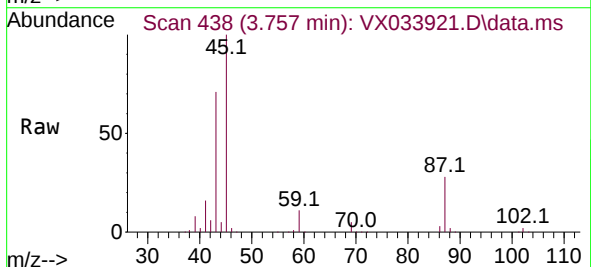
Tgt Ion: 96 Resp: 66434
Ion Ratio Lower Upper
96 100
61 128.8 106.7 160.1
98 64.4 50.0 75.0

Manual Integrations
APPROVED

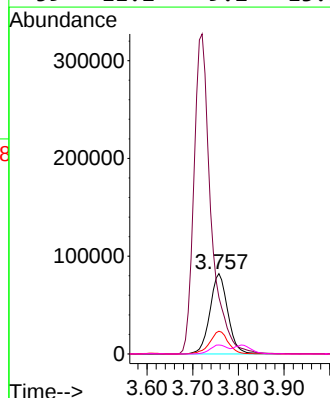
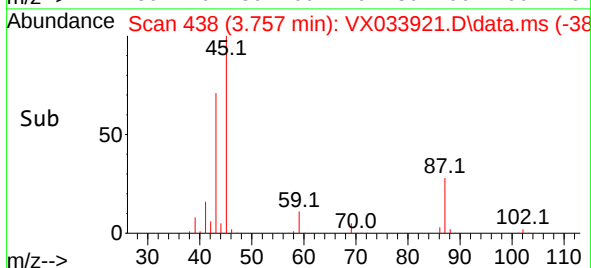
Reviewed By :John Carbone 01/27/2023
Supervised By :Semsettin Yesilyurt 01/27/2023

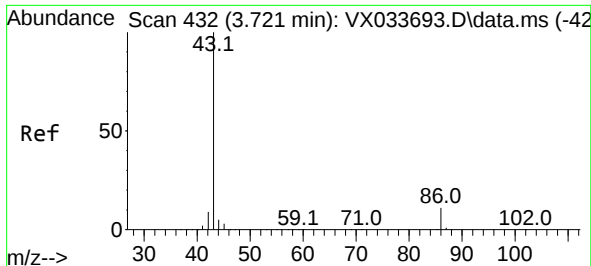


#22
Diisopropyl ether
Concen: 44.276 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.000 min
Lab File: VX033921.D
Acq: 26 Jan 2023 19:47



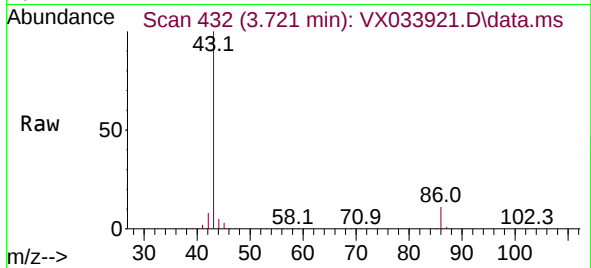
Tgt Ion: 45 Resp: 223323
Ion Ratio Lower Upper
45 100
43 69.9 64.6 97.0
87 28.3 21.9 32.9
59 11.2 9.2 13.8





#23
 Vinyl Acetate
 Concen: 224.063 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX033921.D
 Acq: 26 Jan 2023 19:47

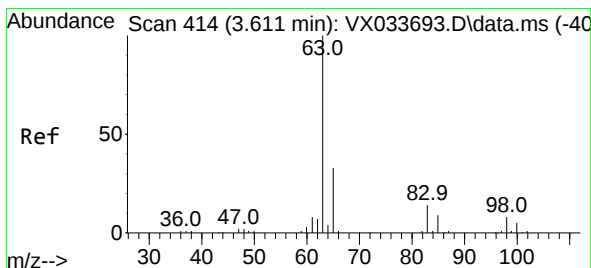
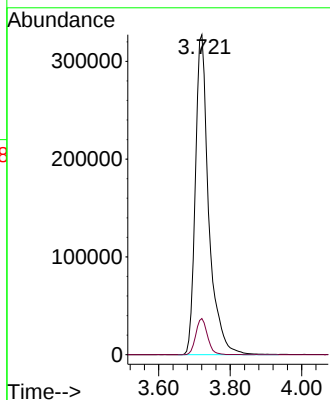
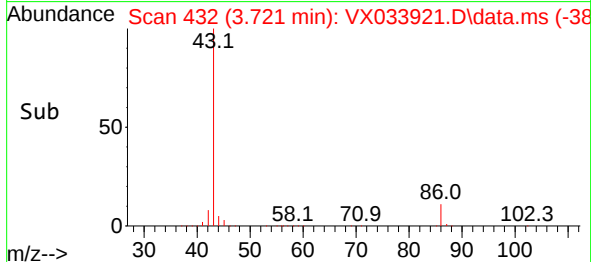
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



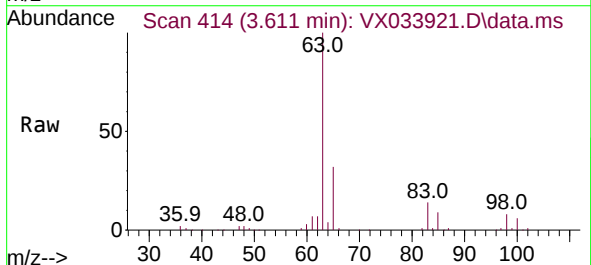
Tgt Ion: 43 Resp: 850776
 Ion Ratio Lower Upper
 43 100
 86 11.3 8.4 12.6

Manual Integrations
 APPROVED

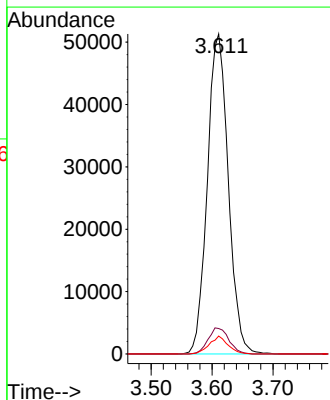
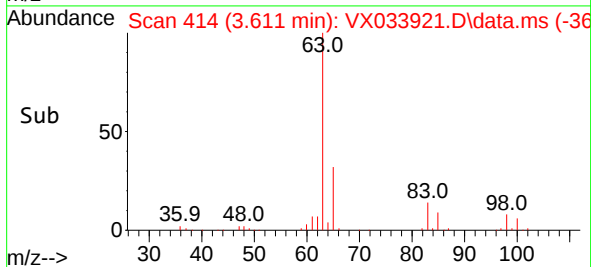
Reviewed By :John Carlone 01/27/2023
 Supervised By :Semsettin Yesilyurt 01/27/2023

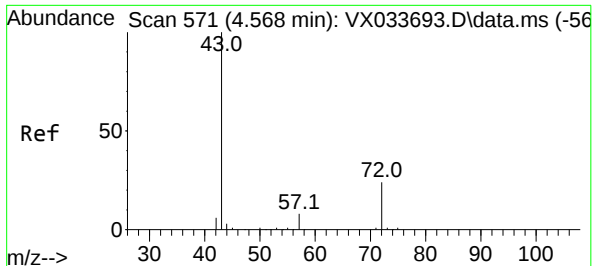


#24
 1,1-Dichloroethane
 Concen: 44.403 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. -0.000 min
 Lab File: VX033921.D
 Acq: 26 Jan 2023 19:47



Tgt Ion: 63 Resp: 122535
 Ion Ratio Lower Upper
 63 100
 98 7.9 3.8 11.2
 100 5.6 2.4 7.2





#25

2-Butanone

Concen: 224.283 ug/l

RT: 4.550 min Scan# 571

Delta R.T. -0.019 min

Lab File: VX033921.D

Acq: 26 Jan 2023 19:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 25204

Ion Ratio Lower Upper

43 100

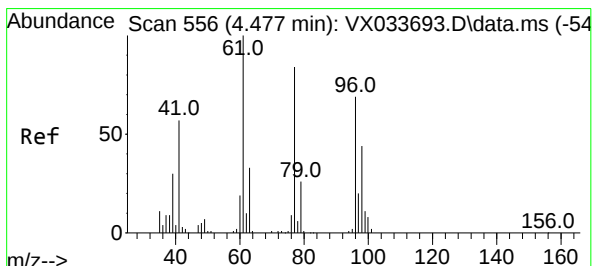
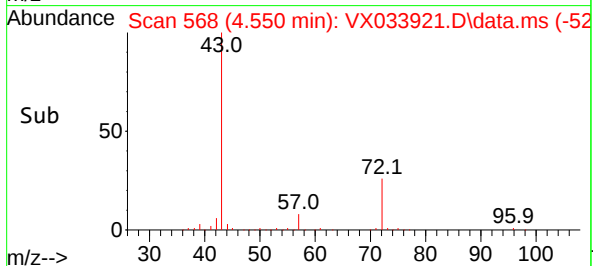
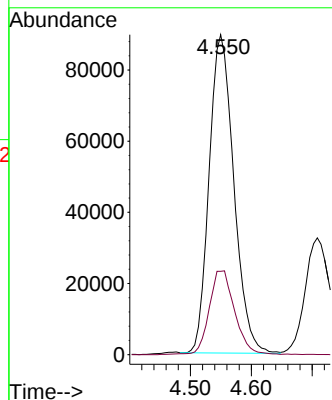
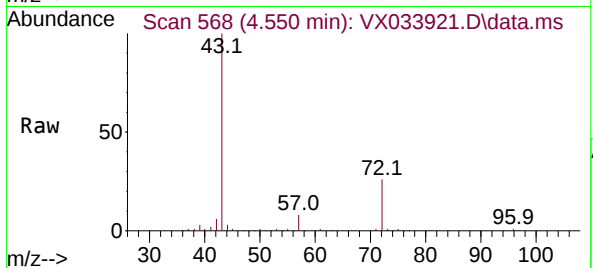
72 26.1 19.4 29.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/27/2023

Supervised By :Semsettin Yesilyurt 01/27/2023



#26

2,2-Dichloropropane

Concen: 41.303 ug/l

RT: 4.477 min Scan# 556

Delta R.T. -0.000 min

Lab File: VX033921.D

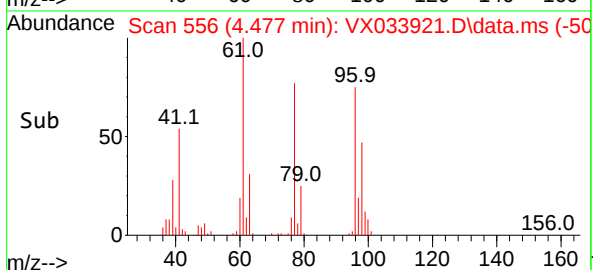
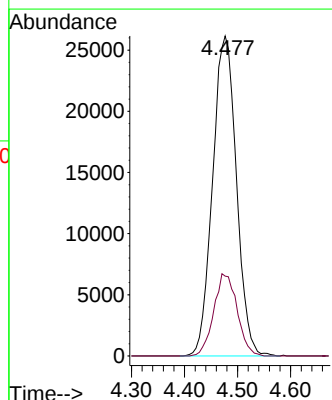
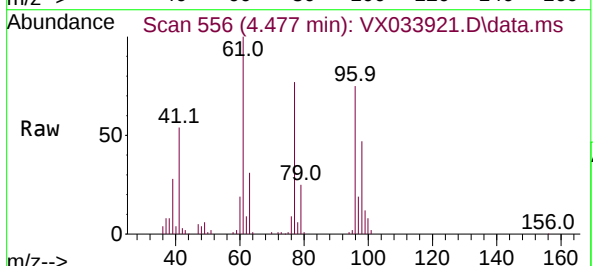
Acq: 26 Jan 2023 19:47

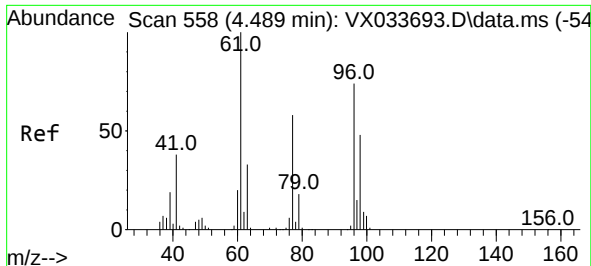
Tgt Ion: 77 Resp: 81644

Ion Ratio Lower Upper

77 100

97 25.2 11.9 35.5





#27

cis-1,2-Dichloroethene

Concen: 45.997 ug/l

RT: 4.489 min Scan# 558

Delta R.T. -0.000 min

Lab File: VX033921.D

Acq: 26 Jan 2023 19:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 82169

Ion Ratio Lower Upper

96 100

61 132.4 0.0 277.6

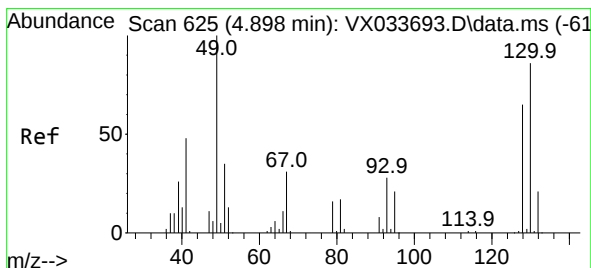
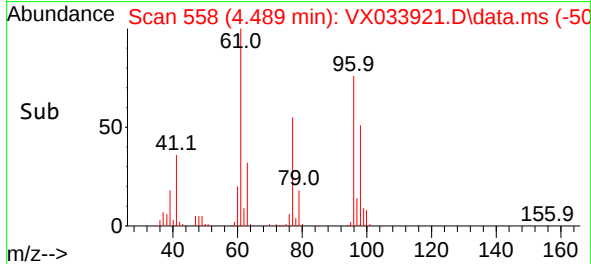
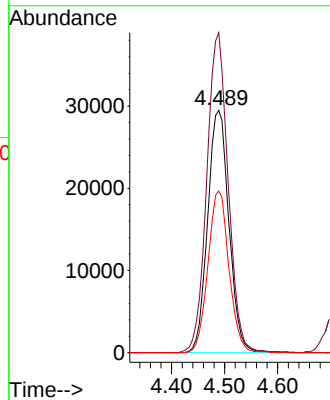
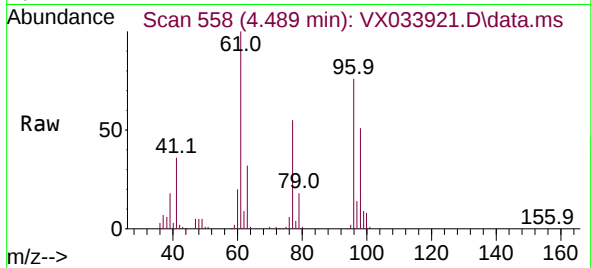
98 65.8 0.0 128.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/27/2023

Supervised By :Semsettin Yesilyurt 01/27/2023



#28

Bromochloromethane

Concen: 43.251 ug/l

RT: 4.891 min Scan# 624

Delta R.T. -0.006 min

Lab File: VX033921.D

Acq: 26 Jan 2023 19:47

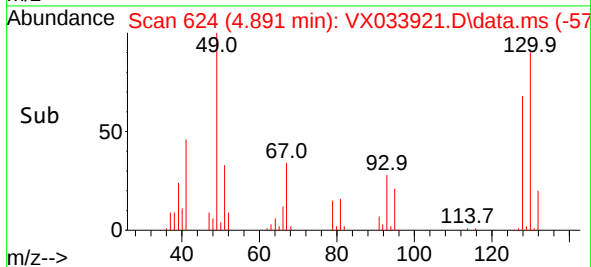
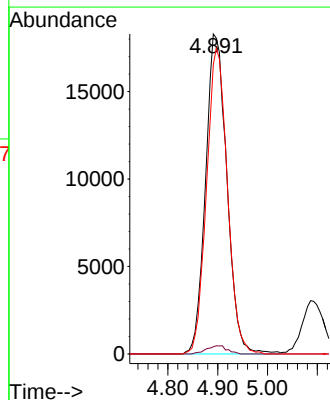
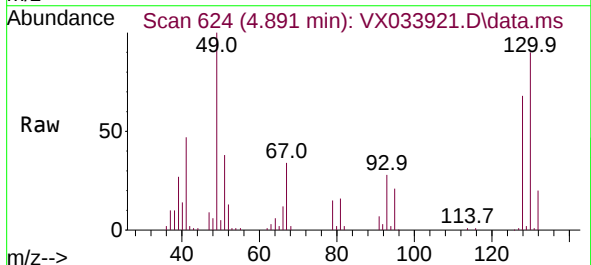
Tgt Ion: 49 Resp: 54367

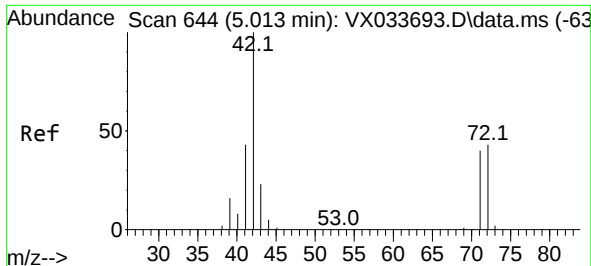
Ion Ratio Lower Upper

49 100

129 2.5 0.0 4.6

130 93.3 68.5 102.7





#29

Tetrahydrofuran

Concen: 234.768 ug/l

RT: 5.001 min Scan# 64

Delta R.T. -0.012 min

Lab File: VX033921.D

Acq: 26 Jan 2023 19:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 16628

Ion Ratio Lower Upper

42 100

72 45.0 34.8 52.2

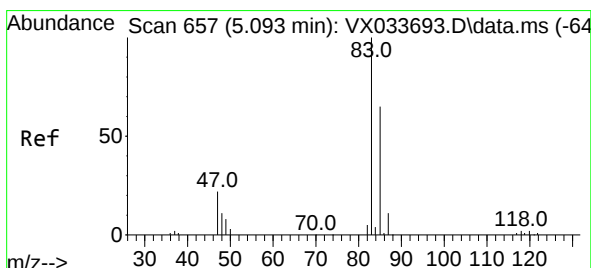
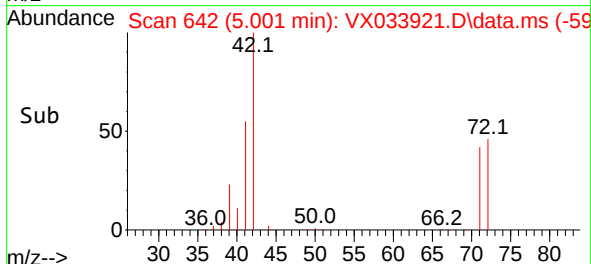
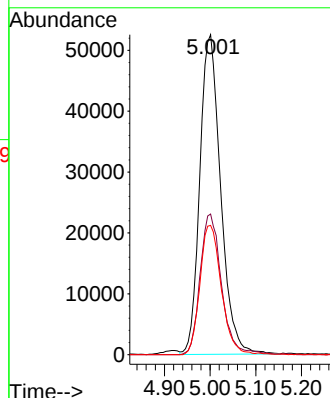
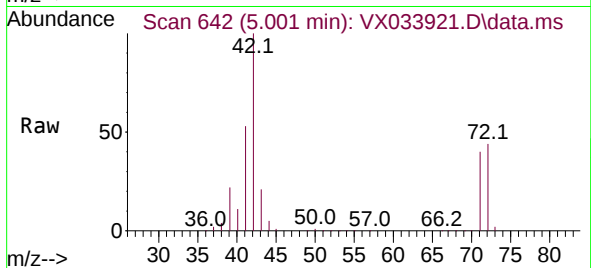
71 41.4 32.2 48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/27/2023

Supervised By :Semsettin Yesilyurt 01/27/2023



#30

Chloroform

Concen: 45.375 ug/l

RT: 5.092 min Scan# 657

Delta R.T. -0.000 min

Lab File: VX033921.D

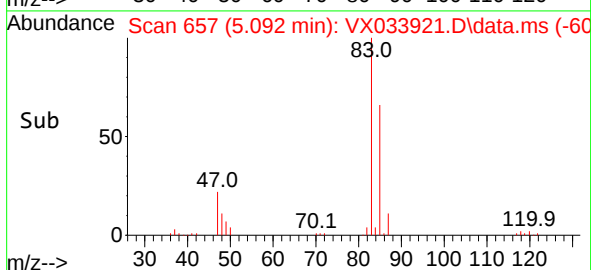
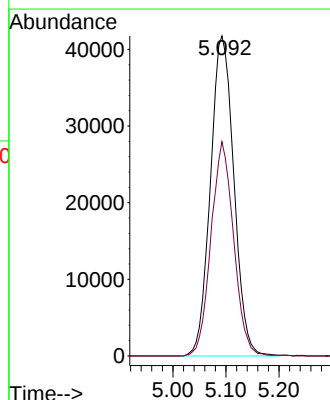
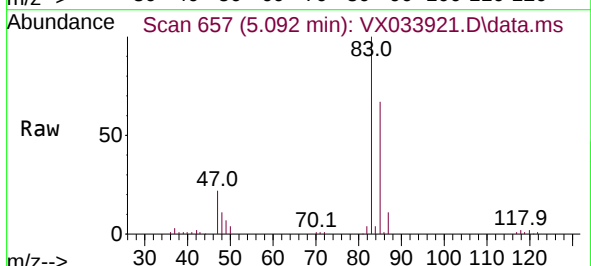
Acq: 26 Jan 2023 19:47

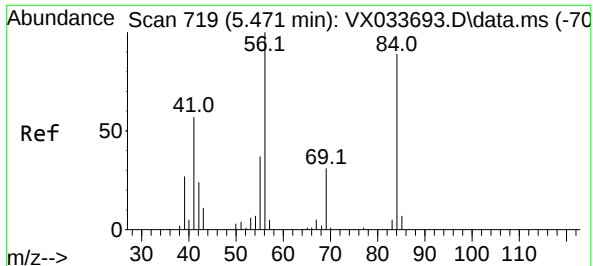
Tgt Ion: 83 Resp: 128250

Ion Ratio Lower Upper

83 100

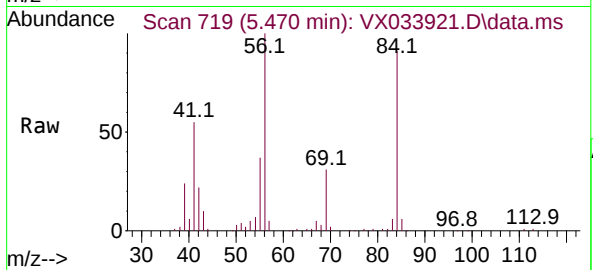
85 66.9 52.1 78.1





#31
Cyclohexane
Concen: 41.783 ug/l
RT: 5.470 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX033921.D
Acq: 26 Jan 2023 19:47

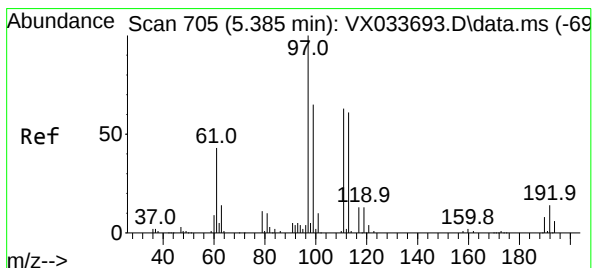
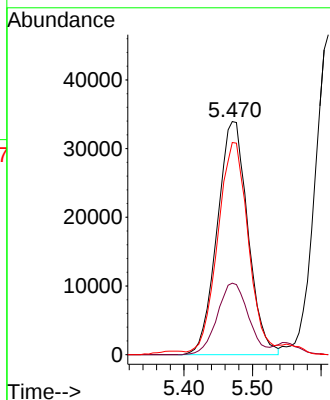
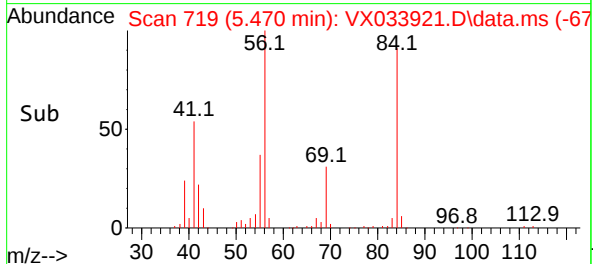
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



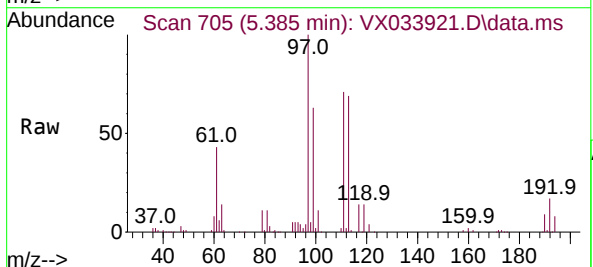
Tgt Ion: 56 Resp: 10574
Ion Ratio Lower Upper
56 100
69 30.7 24.6 37.0
84 89.5 71.0 106.6

Manual Integrations
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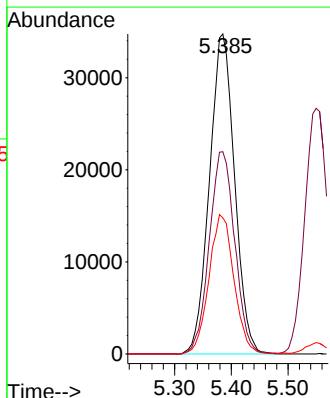
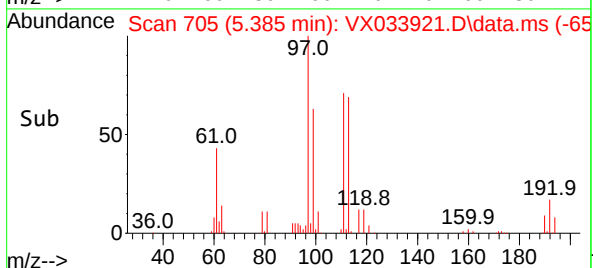
Reviewed By :John Carlone 01/27/2023
Supervised By :Semsettin Yesilyurt 01/27/2023

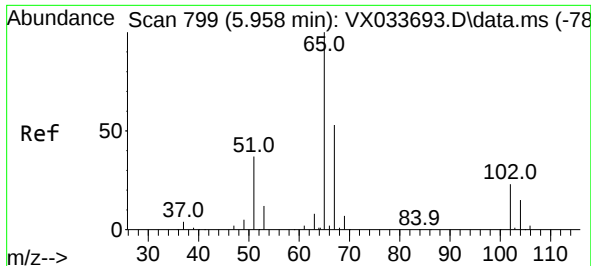


#32
1,1,1-Trichloroethane
Concen: 44.373 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX033921.D
Acq: 26 Jan 2023 19:47



Tgt Ion: 97 Resp: 107081
Ion Ratio Lower Upper
97 100
99 64.3 52.3 78.5
61 43.3 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 44.234 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX033921.D

Acq: 26 Jan 2023 19:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 76079

Ion Ratio Lower Upper

65 100

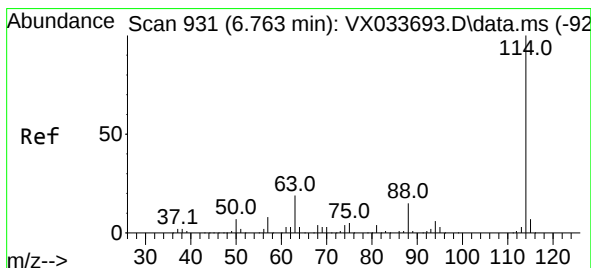
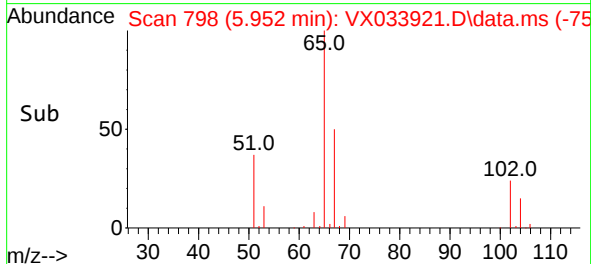
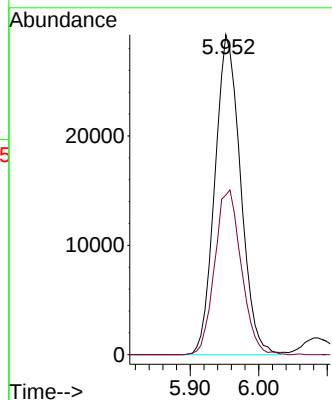
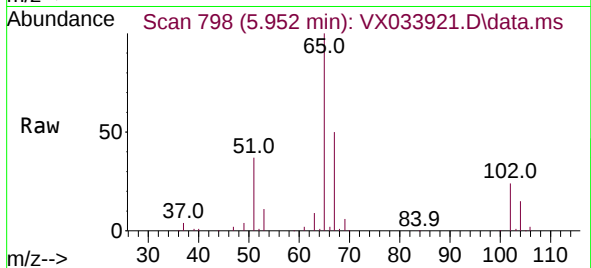
67 53.4 0.0 104.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/27/2023

Supervised By :Semsettin Yesilyurt 01/27/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX033921.D

Acq: 26 Jan 2023 19:47

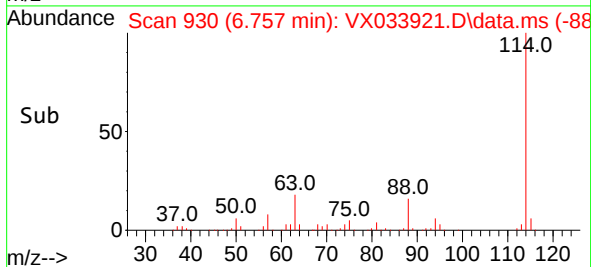
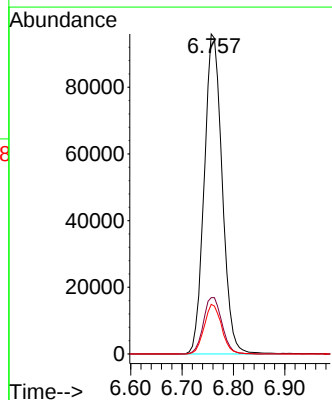
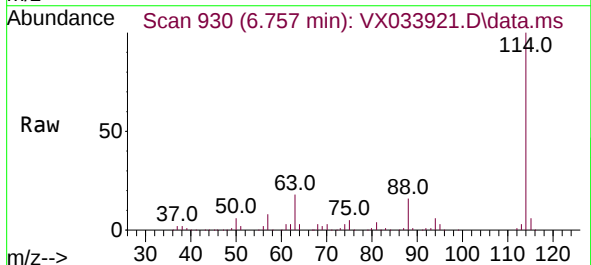
Tgt Ion:114 Resp: 232543

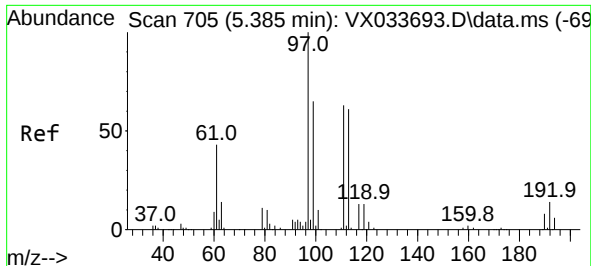
Ion Ratio Lower Upper

114 100

63 17.6 0.0 37.4

88 15.5 0.0 30.6





#35

Dibromofluoromethane

Concen: 49.262 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX033921.D

Acq: 26 Jan 2023 19:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:113 Resp: 7113

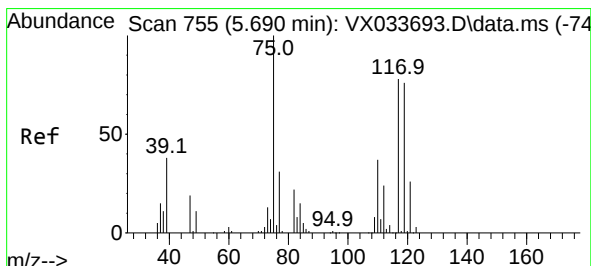
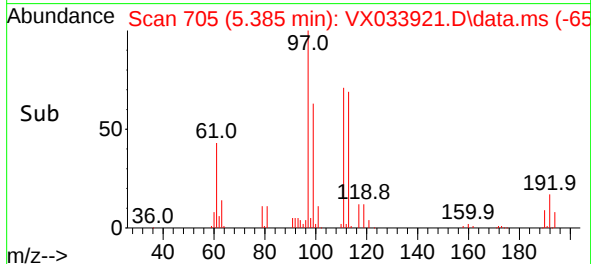
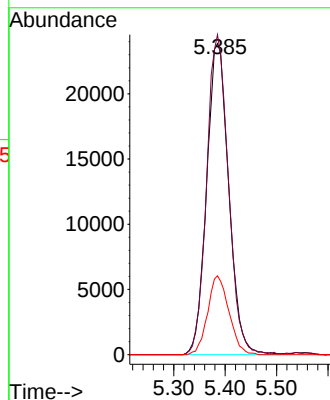
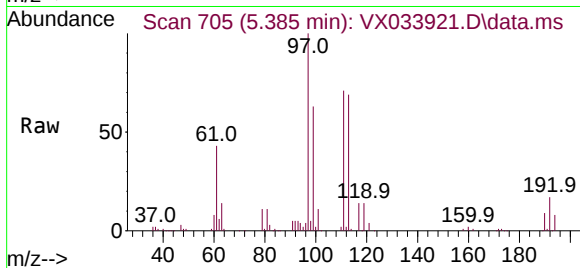
Ion	Ratio	Lower	Upper
113	100		
111	101.5	83.0	124.6
192	24.5	19.0	28.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/27/2023

Supervised By :Semsettin Yesilyurt 01/27/2023



#36

1,1-Dichloropropene

Concen: 43.145 ug/l

RT: 5.690 min Scan# 755

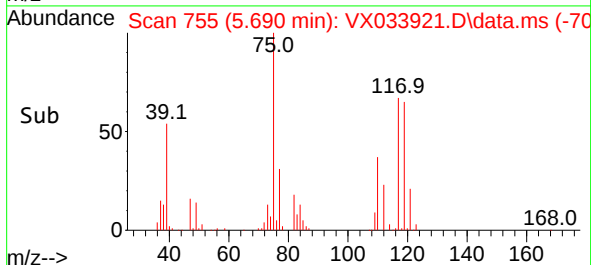
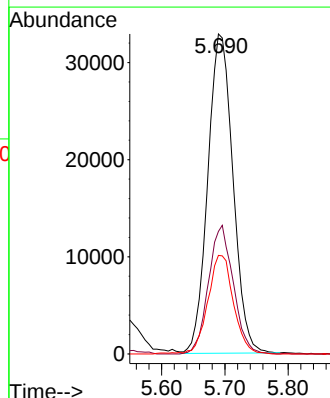
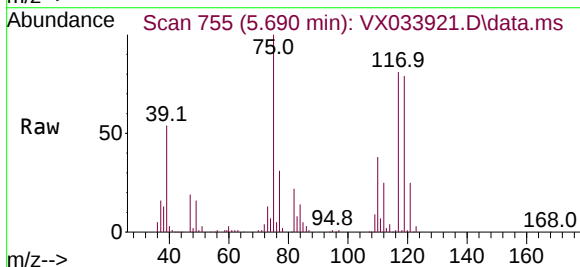
Delta R.T. -0.000 min

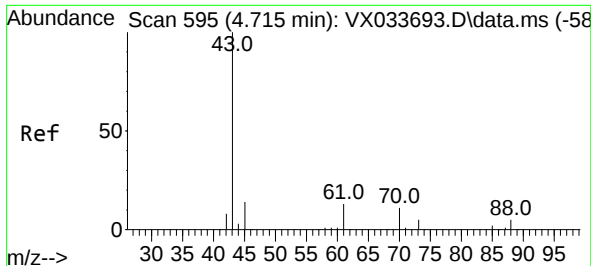
Lab File: VX033921.D

Acq: 26 Jan 2023 19:47

Tgt Ion: 75 Resp: 90923

Ion	Ratio	Lower	Upper
75	100		
110	39.6	18.8	56.4
77	31.6	25.1	37.7





#37

Ethyl Acetate

Concen: 47.820 ug/l

RT: 4.708 min Scan# 594

Delta R.T. -0.007 min

Lab File: VX033921.D

Acq: 26 Jan 2023 19:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

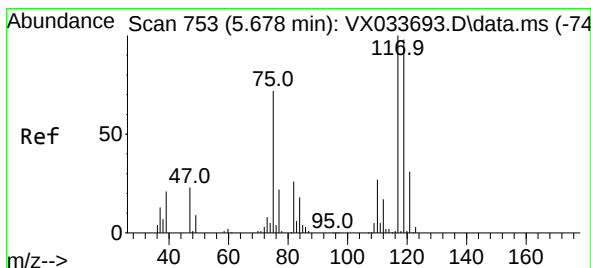
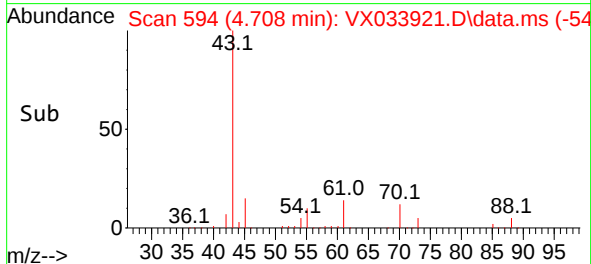
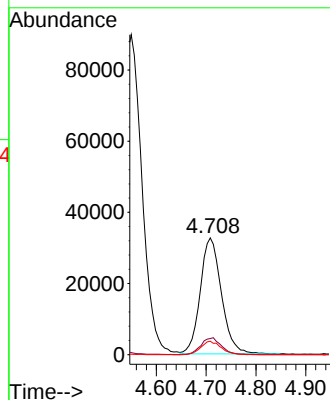
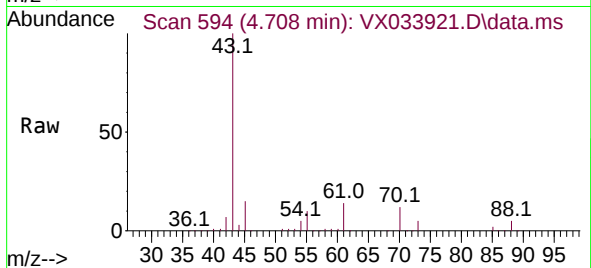
Tgt Ion: 43	Resp: 96409
Ion Ratio	Lower Upper
43 100	
61 14.2	11.1 16.7
70 11.0	8.5 12.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/27/2023

Supervised By :Semsettin Yesilyurt 01/27/2023



#38

Carbon Tetrachloride

Concen: 44.282 ug/l

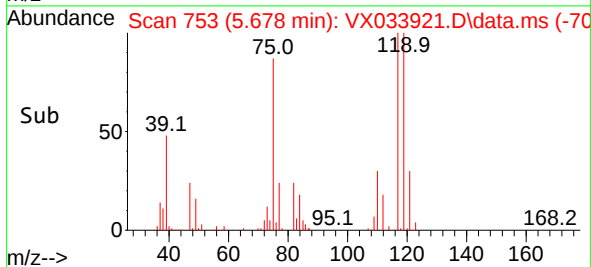
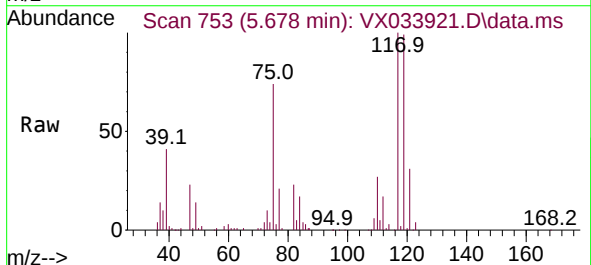
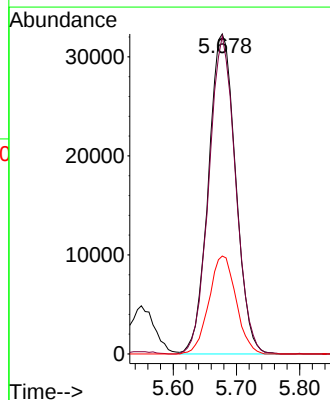
RT: 5.678 min Scan# 753

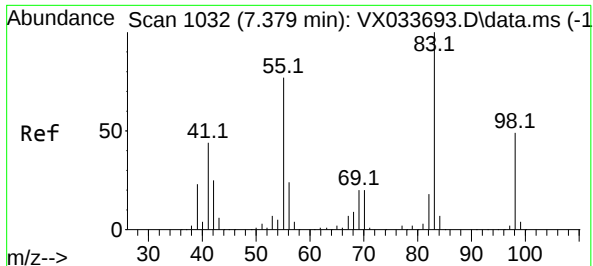
Delta R.T. -0.000 min

Lab File: VX033921.D

Acq: 26 Jan 2023 19:47

Tgt Ion:117	Resp: 96653
Ion Ratio	Lower Upper
117 100	
119 99.3	78.0 117.0
121 30.6	24.4 36.6





#39

Methylcyclohexane

Concen: 42.787 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.000 min

Lab File: VX033921.D

Acq: 26 Jan 2023 19:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 11135

Ion Ratio Lower Upper

83 100

55 74.3 61.8 92.6

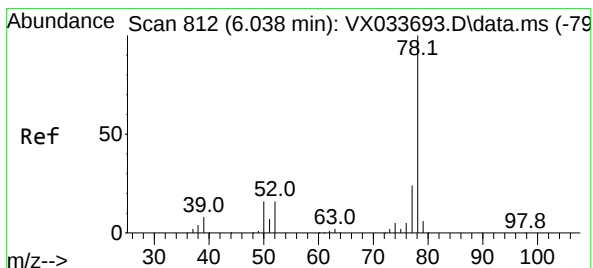
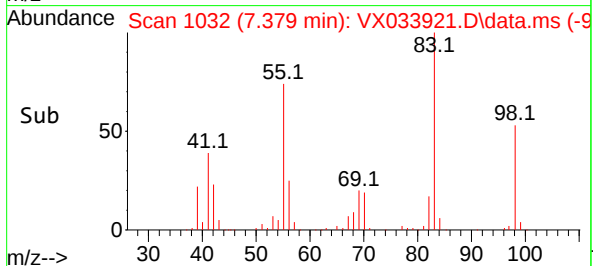
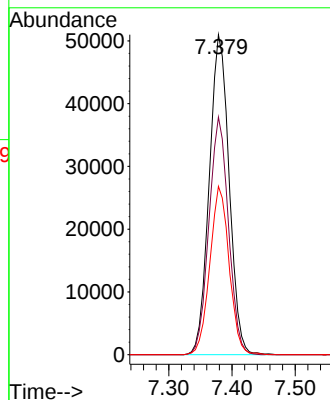
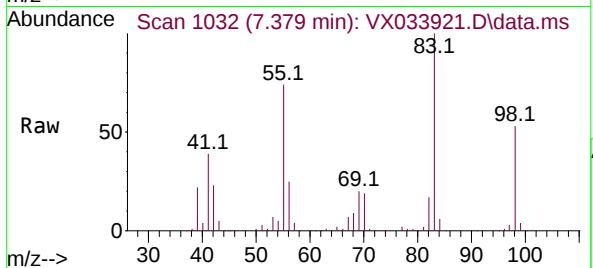
98 52.6 39.3 58.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/27/2023

Supervised By :Semsettin Yesilyurt 01/27/2023



#40

Benzene

Concen: 45.554 ug/l

RT: 6.037 min Scan# 812

Delta R.T. -0.000 min

Lab File: VX033921.D

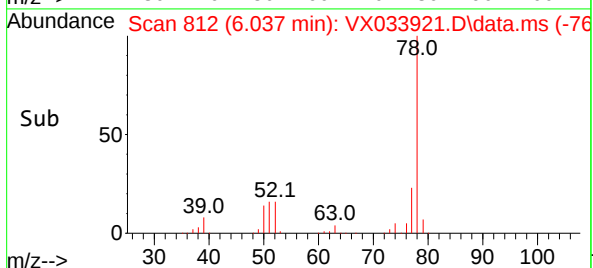
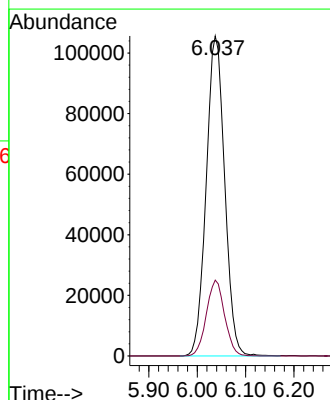
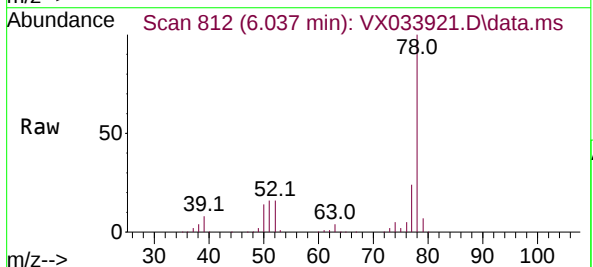
Acq: 26 Jan 2023 19:47

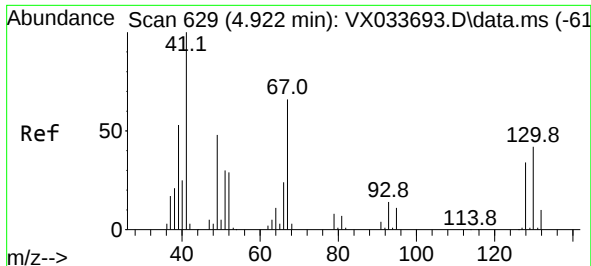
Tgt Ion: 78 Resp: 279819

Ion Ratio Lower Upper

78 100

77 23.7 19.0 28.4





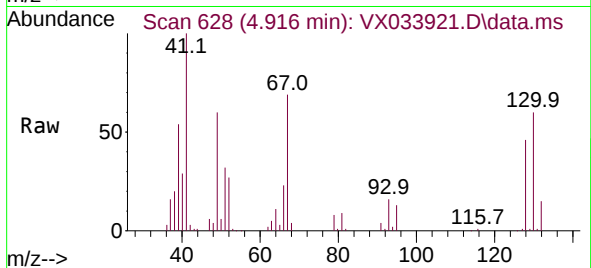
#41
Methacrylonitrile
Concen: 50.241 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX033921.D
Acq: 26 Jan 2023 19:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



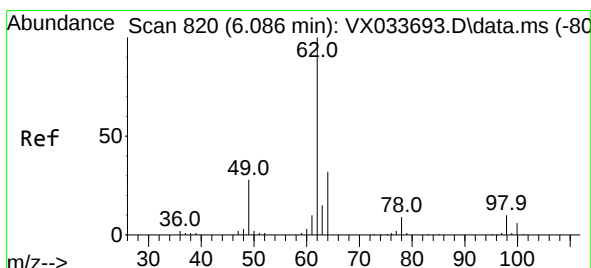
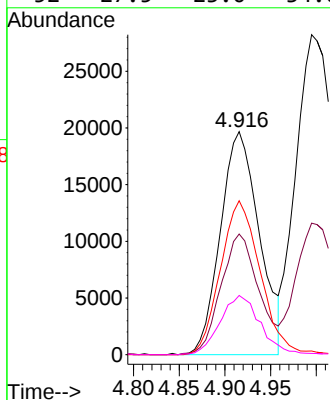
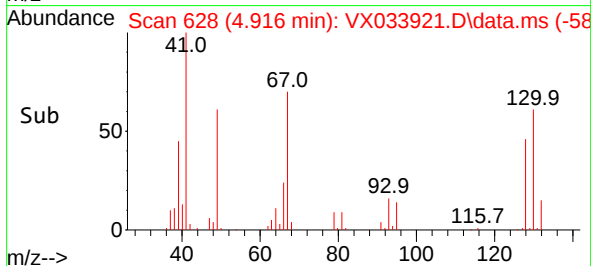
Tgt Ion: 41 Resp: 58340
Ion Ratio Lower Upper
41 100
39 52.9 43.8 65.6
67 70.7 54.8 82.2
52 27.5 23.0 34.6

Manual Integrations

APPROVED

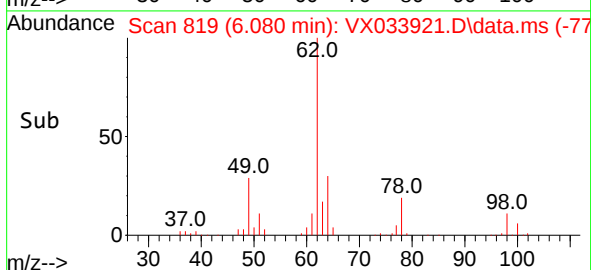
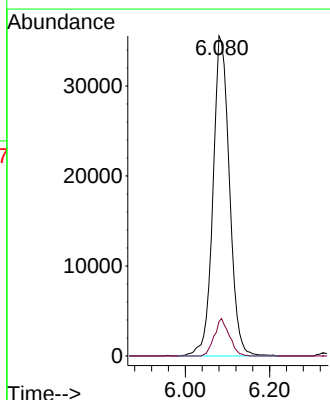
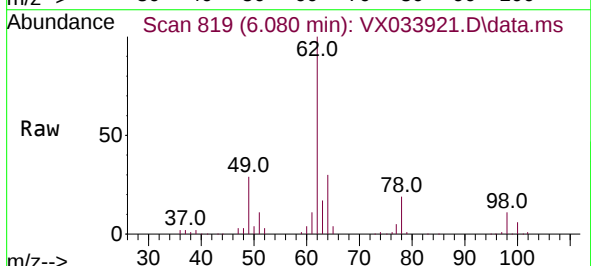
Reviewed By :John Carlone 01/27/2023

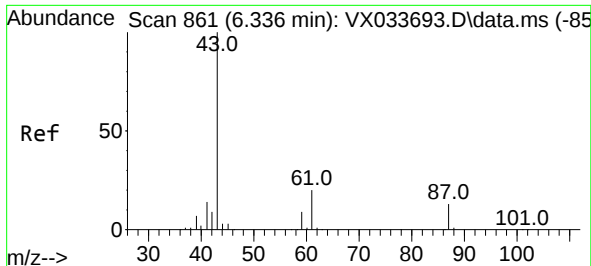
Supervised By :Semsettin Yesilyurt 01/27/2023



#42
1,2-Dichloroethane
Concen: 44.227 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.006 min
Lab File: VX033921.D
Acq: 26 Jan 2023 19:47

Tgt Ion: 62 Resp: 96276
Ion Ratio Lower Upper
62 100
98 10.6 0.0 20.2





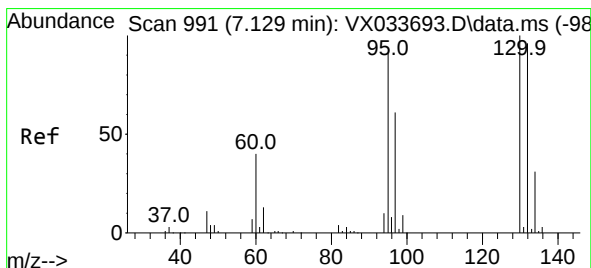
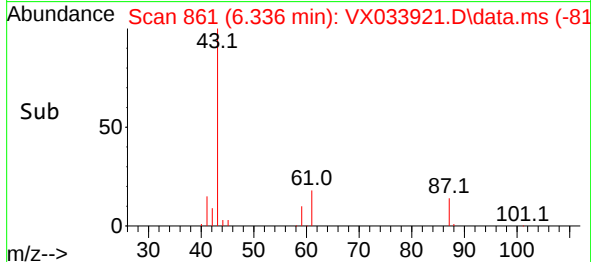
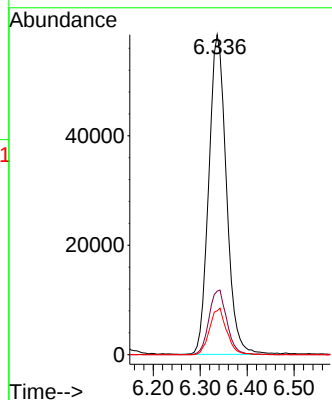
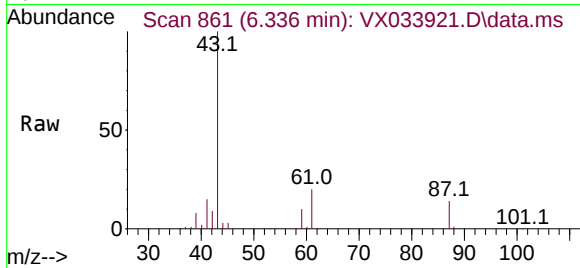
#43
Isopropyl Acetate
Concen: 45.636 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.000 min
Lab File: VX033921.D
Acq: 26 Jan 2023 19:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 151829
Ion Ratio Lower Upper
43 100
61 20.6 15.7 23.5
87 14.1 10.6 15.8

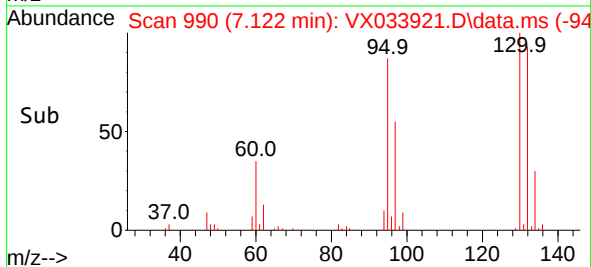
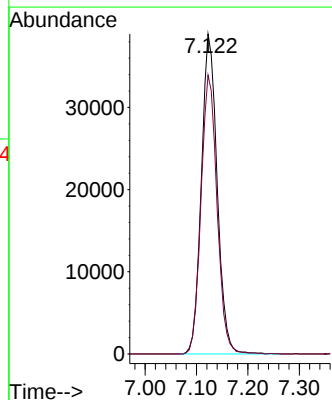
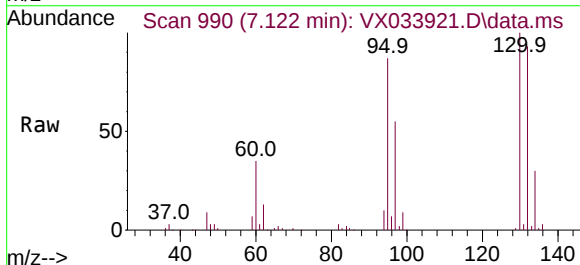
Manual Integrations
APPROVED

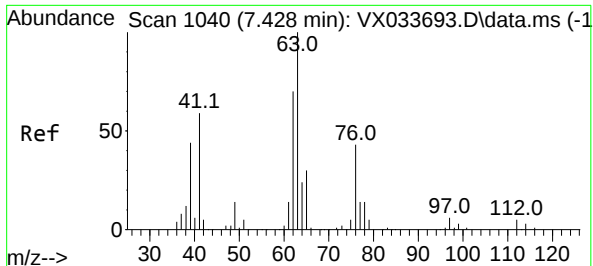
Reviewed By :John Carlone 01/27/2023
Supervised By :Semsettin Yesilyurt 01/27/2023



#44
Trichloroethene
Concen: 48.352 ug/l
RT: 7.122 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX033921.D
Acq: 26 Jan 2023 19:47

Tgt Ion:130 Resp: 83054
Ion Ratio Lower Upper
130 100
95 87.1 0.0 182.6





#45

1,2-Dichloropropane

Concen: 46.394 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VX033921.D

Acq: 26 Jan 2023 19:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 7138

Ion Ratio Lower Upper

63 100

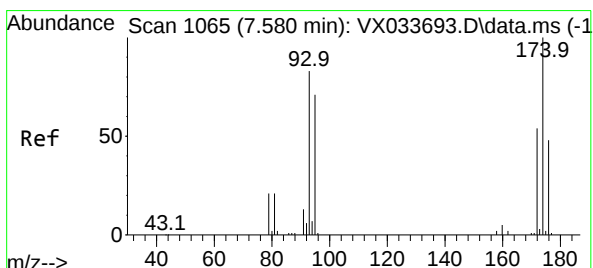
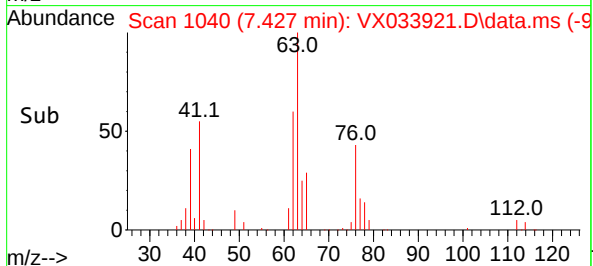
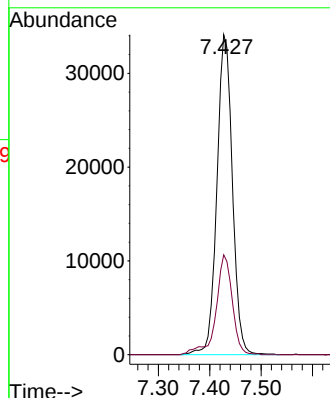
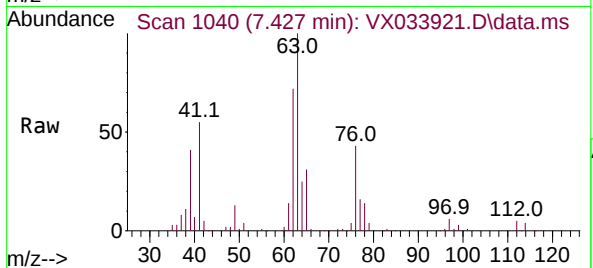
65 31.2 24.2 36.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/27/2023

Supervised By :Semsettin Yesilyurt 01/27/2023



#46

Dibromomethane

Concen: 47.146 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX033921.D

Acq: 26 Jan 2023 19:47

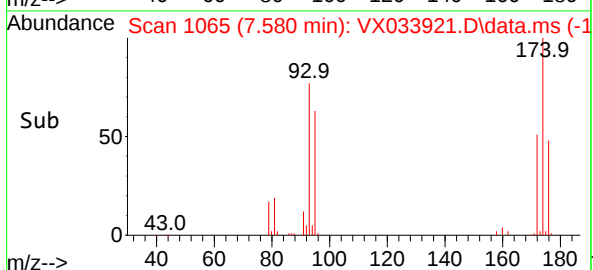
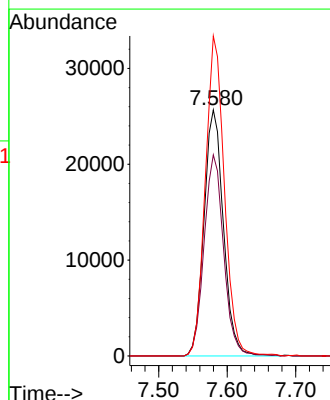
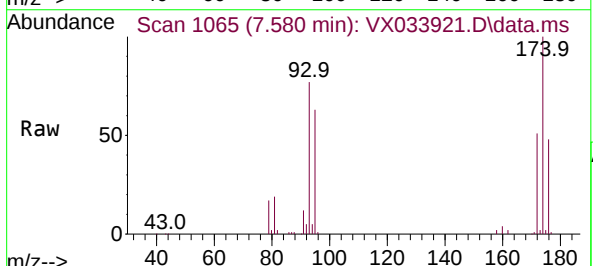
Tgt Ion: 93 Resp: 50672

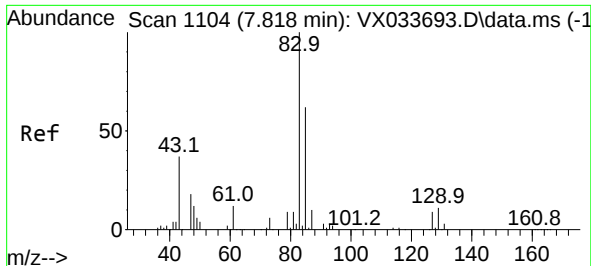
Ion Ratio Lower Upper

93 100

95 82.1 67.6 101.4

174 127.7 97.4 146.0





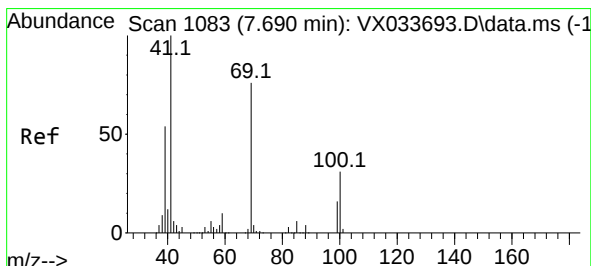
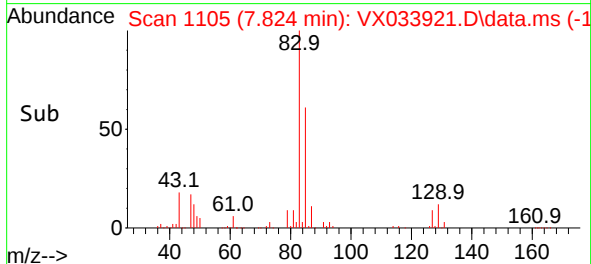
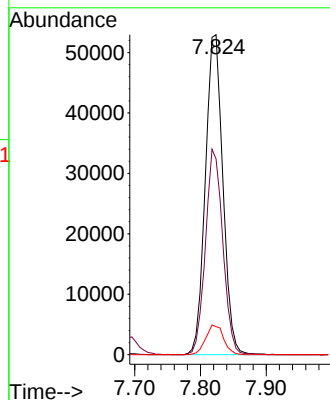
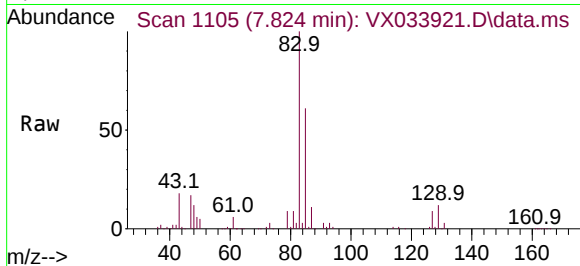
#47
Bromodichloromethane
Concen: 47.397 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VX033921.D
Acq: 26 Jan 2023 19:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 9817
Ion Ratio Lower Upper
83 100
85 61.2 49.8 74.6
127 8.8 7.0 10.4

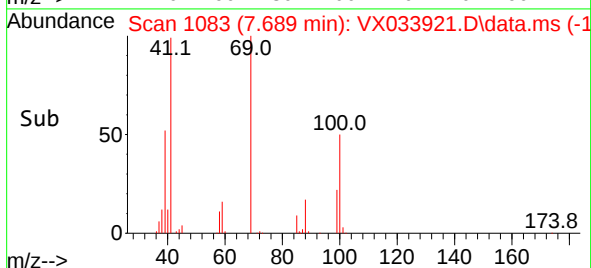
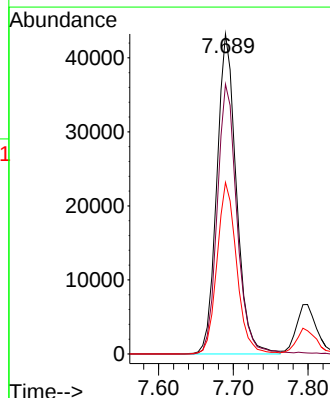
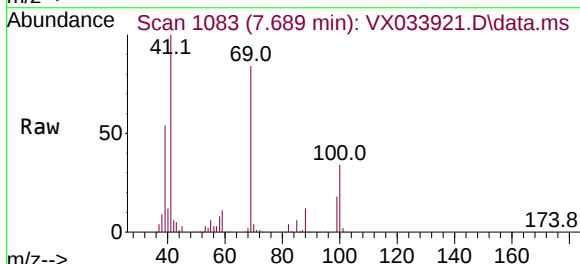
Manual Integrations
APPROVED

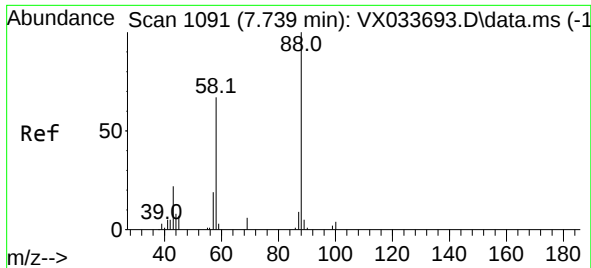
Reviewed By :John Carlone 01/27/2023
Supervised By :Semsettin Yesilyurt 01/27/2023



#48
Methyl methacrylate
Concen: 46.970 ug/l
RT: 7.689 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX033921.D
Acq: 26 Jan 2023 19:47

Tgt Ion: 41 Resp: 78717
Ion Ratio Lower Upper
41 100
69 84.6 63.1 94.7
39 53.8 43.2 64.8





#49

1,4-Dioxane

Concen: 902.360 ug/l

RT: 7.665 min Scan# 1091

Delta R.T. -0.073 min

Lab File: VX033921.D

Acq: 26 Jan 2023 19:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 3345

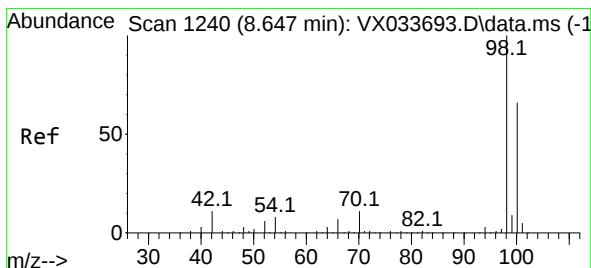
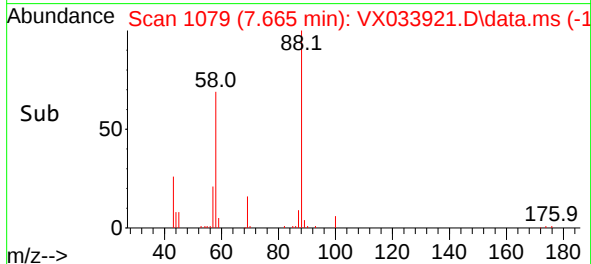
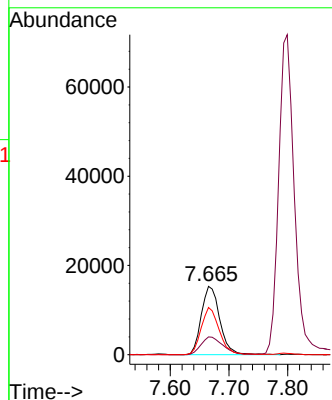
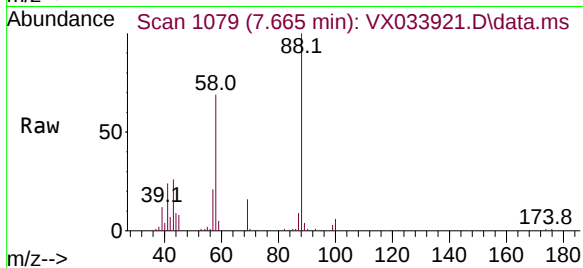
Ion	Ratio	Lower	Upper
88	100		
43	30.5	0.0	0.0
58	67.4	56.5	84.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/27/2023

Supervised By :Semsettin Yesilyurt 01/27/2023



#50

Toluene-d8

Concen: 47.791 ug/l

RT: 8.647 min Scan# 1240

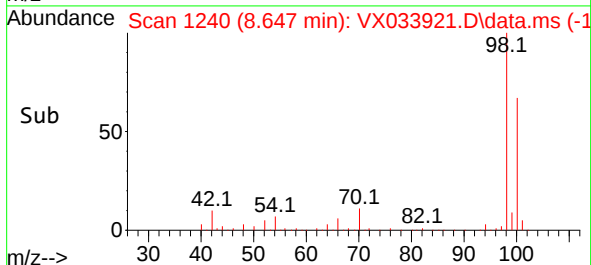
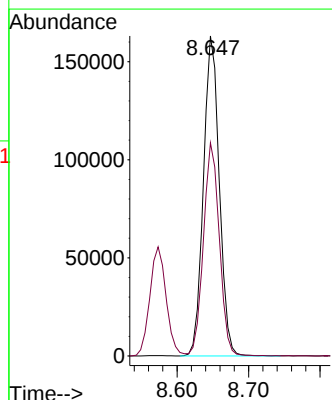
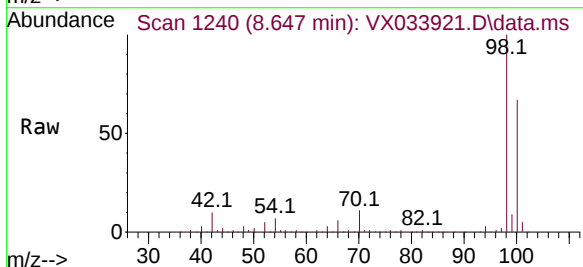
Delta R.T. -0.000 min

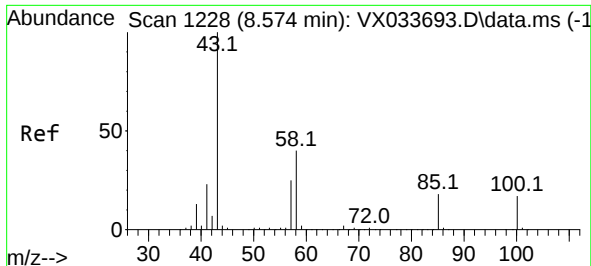
Lab File: VX033921.D

Acq: 26 Jan 2023 19:47

Tgt Ion: 98 Resp: 251435

Ion	Ratio	Lower	Upper
98	100		
100	66.7	53.6	80.4





#51

4-Methyl-2-Pentanone

Concen: 245.532 ug/l

RT: 8.573 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VX033921.D

Acq: 26 Jan 2023 19:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 501678

Ion Ratio Lower Upper

43 100

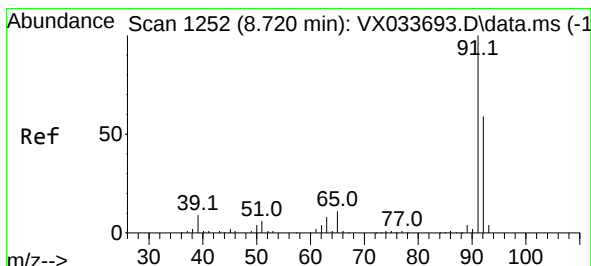
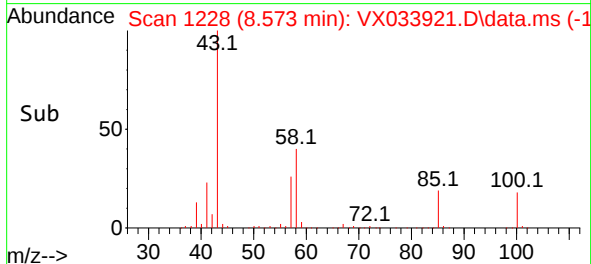
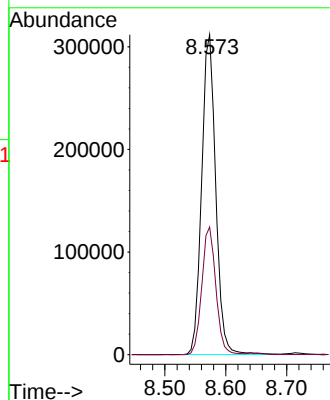
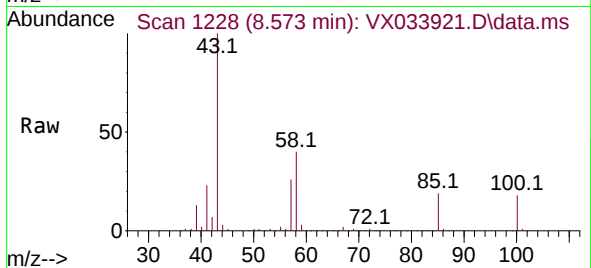
58 39.7 31.2 46.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/27/2023

Supervised By :Semsettin Yesilyurt 01/27/2023



#52

Toluene

Concen: 46.025 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. -0.000 min

Lab File: VX033921.D

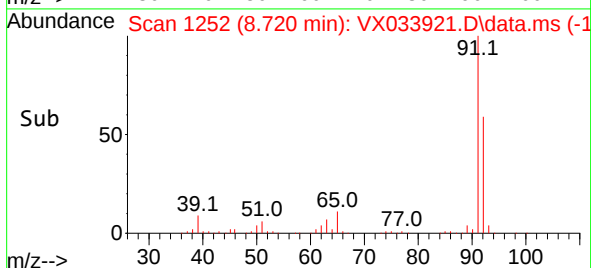
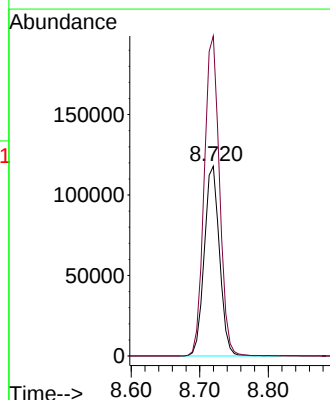
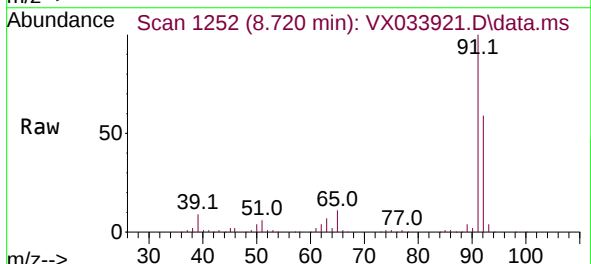
Acq: 26 Jan 2023 19:47

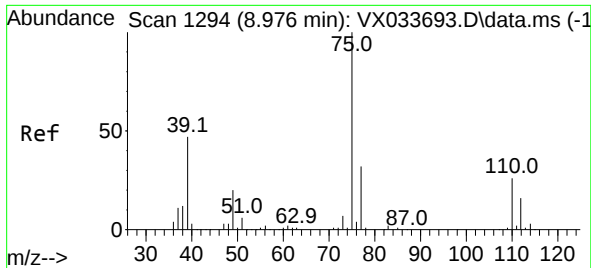
Tgt Ion: 92 Resp: 182573

Ion Ratio Lower Upper

92 100

91 169.0 135.5 203.3





#53
t-1,3-Dichloropropene
Concen: 47.370 ug/l
RT: 8.976 min Scan# 1124
Delta R.T. -0.000 min
Lab File: VX033921.D
Acq: 26 Jan 2023 19:47

Instrument :

MSVOA_X

ClientSampleId :

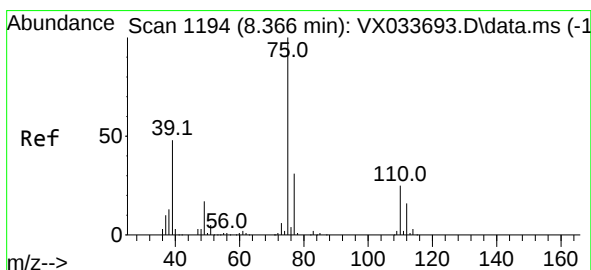
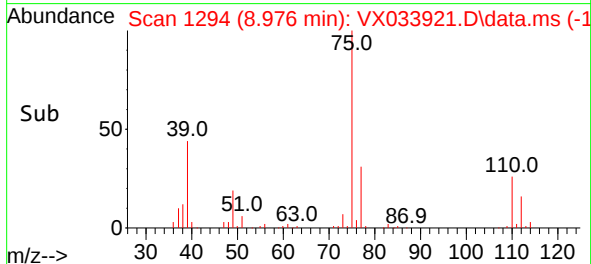
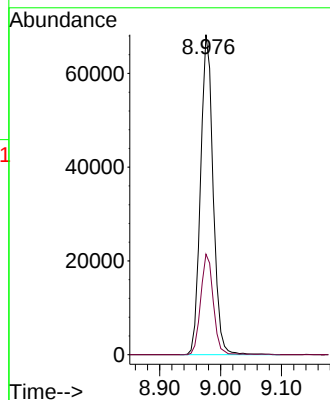
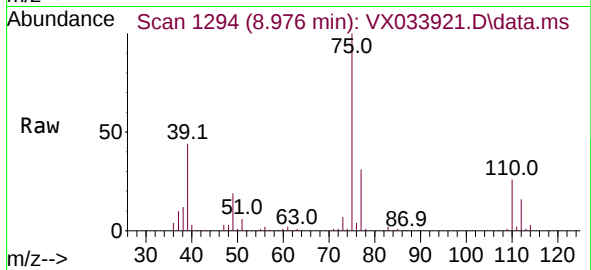
VSTDCCC050EC

Tgt Ion: 75 Resp: 98124
Ion Ratio Lower Upper
75 100
77 31.4 25.5 38.3

Manual Integrations

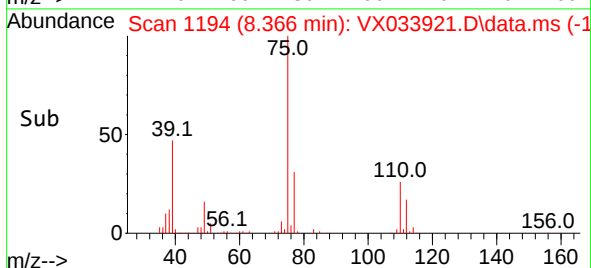
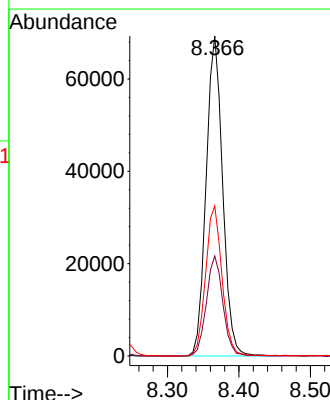
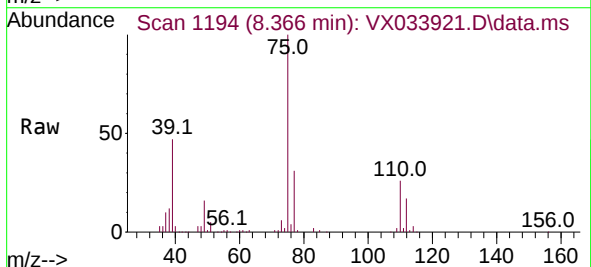
APPROVED

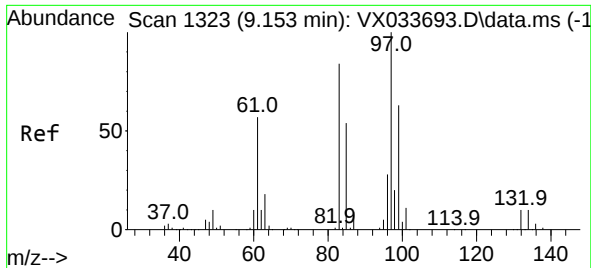
Reviewed By :John Carlone 01/27/2023
Supervised By :Semsettin Yesilyurt 01/27/2023



#54
cis-1,3-Dichloropropene
Concen: 47.870 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. -0.000 min
Lab File: VX033921.D
Acq: 26 Jan 2023 19:47

Tgt Ion: 75 Resp: 111109
Ion Ratio Lower Upper
75 100
77 31.3 25.0 37.6
39 46.9 38.6 58.0





#55
1,1,2-Trichloroethane
Concen: 48.441 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX033921.D
Acq: 26 Jan 2023 19:47

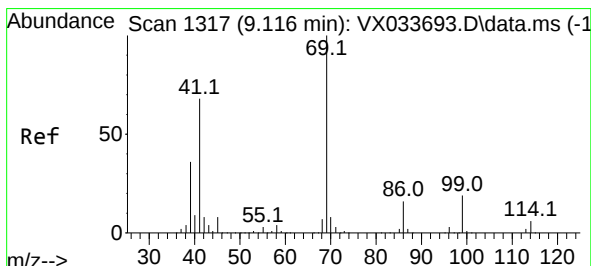
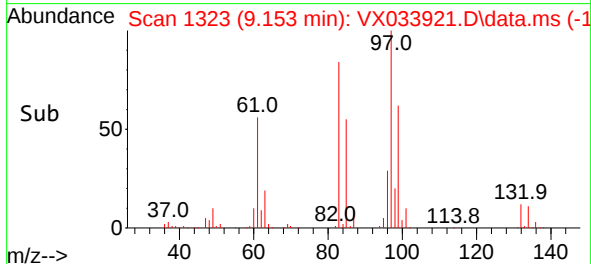
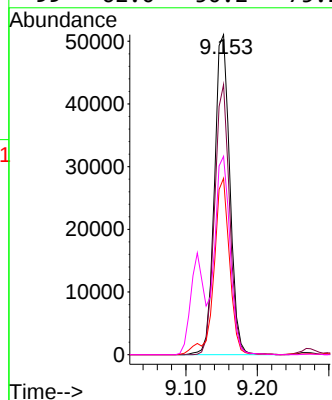
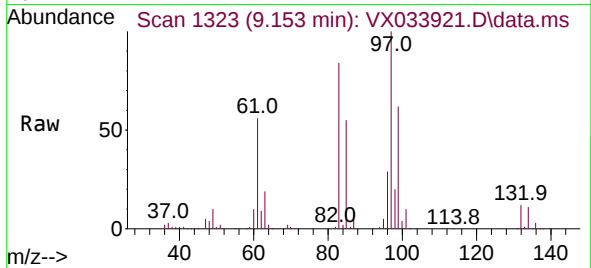
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 97 Resp: 7606

Ion	Ratio	Lower	Upper
97	100		
83	84.4	67.4	101.0
85	55.1	43.2	64.8
99	62.0	50.2	75.2

Manual Integrations
APPROVED

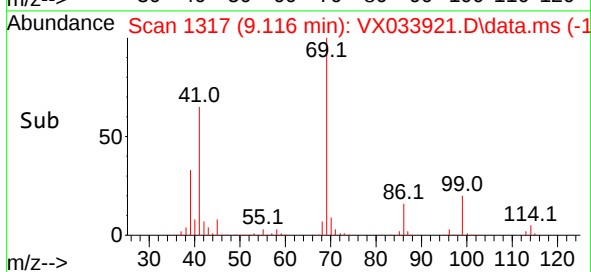
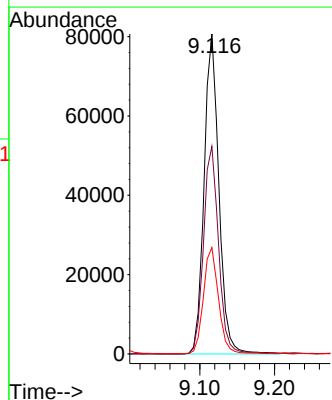
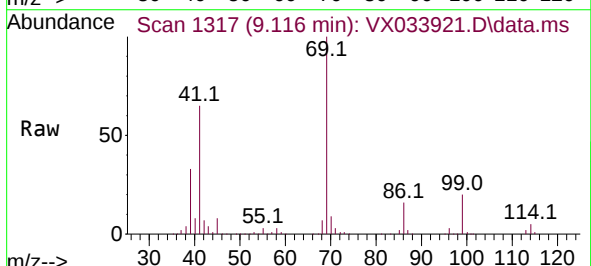
Reviewed By :John Carlone 01/27/2023
Supervised By :Semsettin Yesilyurt 01/27/2023

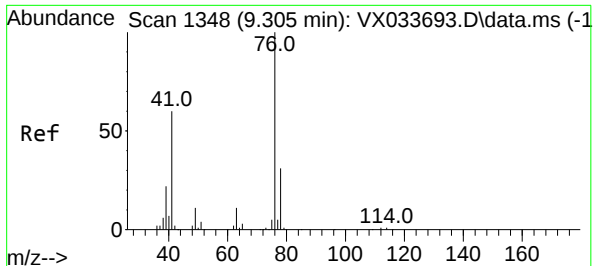


#56
Ethyl methacrylate
Concen: 50.160 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX033921.D
Acq: 26 Jan 2023 19:47

Tgt Ion: 69 Resp: 110843

Ion	Ratio	Lower	Upper
69	100		
41	66.1	55.1	82.7
39	34.3	28.5	42.7





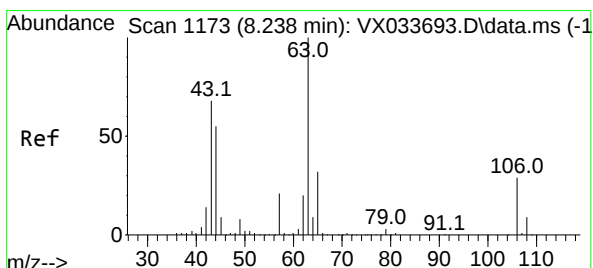
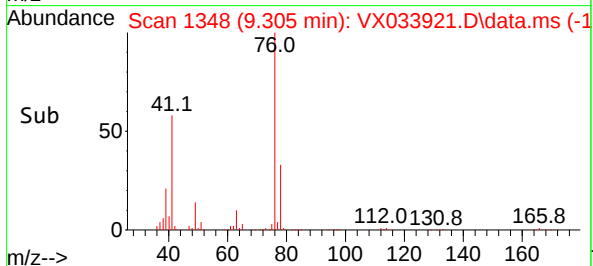
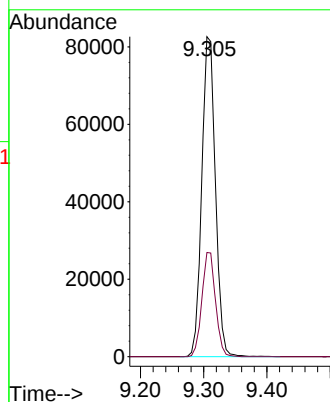
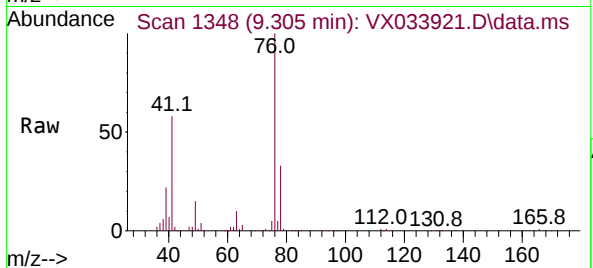
#57
1,3-Dichloropropane
Concen: 48.687 ug/l
RT: 9.305 min Scan# 11348
Delta R.T. -0.000 min
Lab File: VX033921.D
Acq: 26 Jan 2023 19:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 123960
Ion Ratio Lower Upper
76 100
78 32.5 25.6 38.4

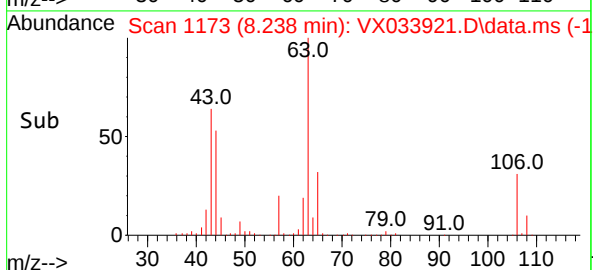
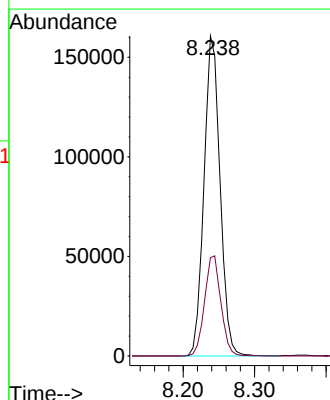
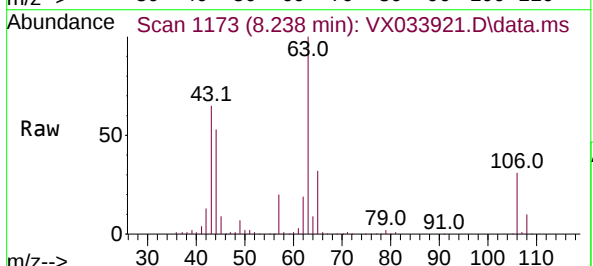
Manual Integrations
APPROVED

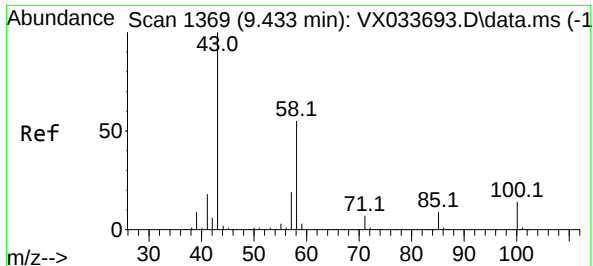
Reviewed By :John Carlone 01/27/2023
Supervised By :Semsettin Yesilyurt 01/27/2023



#58
2-Chloroethyl Vinyl ether
Concen: 230.689 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.000 min
Lab File: VX033921.D
Acq: 26 Jan 2023 19:47

Tgt Ion: 63 Resp: 251058
Ion Ratio Lower Upper
63 100
106 31.7 24.5 36.7





#59

2-Hexanone

Concen: 258.793 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. -0.006 min

Lab File: VX033921.D

Acq: 26 Jan 2023 19:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 368034

Ion Ratio Lower Upper

43 100

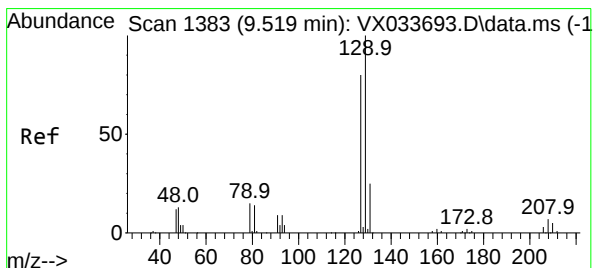
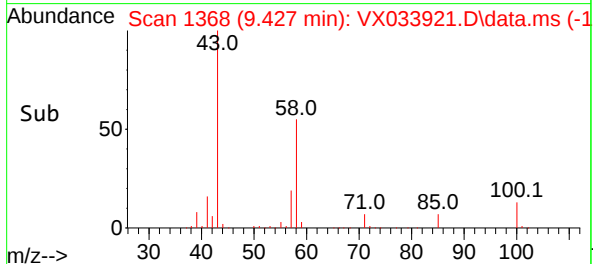
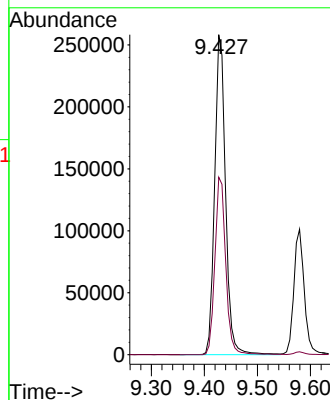
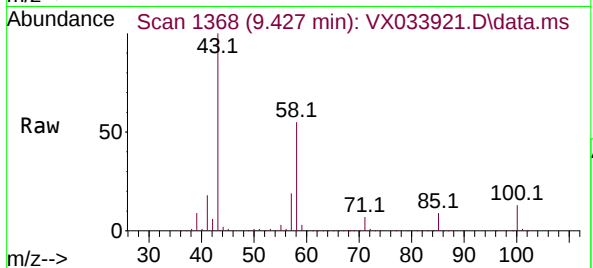
58 55.5 27.4 82.0

Manual Integrations

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Reviewed By :John Carlone 01/27/2023

Supervised By :Semsettin Yesilyurt 01/27/2023



#60

Dibromochloromethane

Concen: 51.681 ug/l

RT: 9.518 min Scan# 1383

Delta R.T. -0.000 min

Lab File: VX033921.D

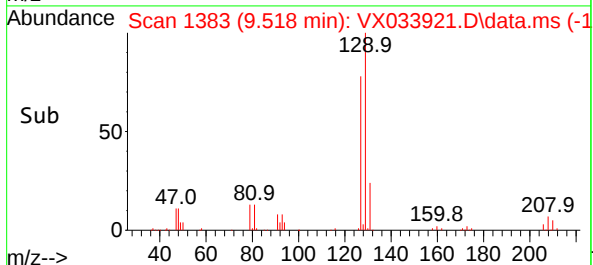
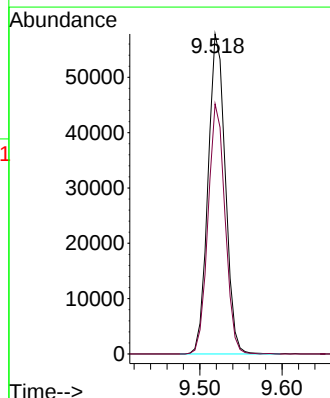
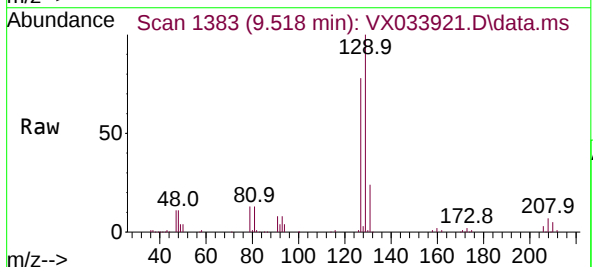
Acq: 26 Jan 2023 19:47

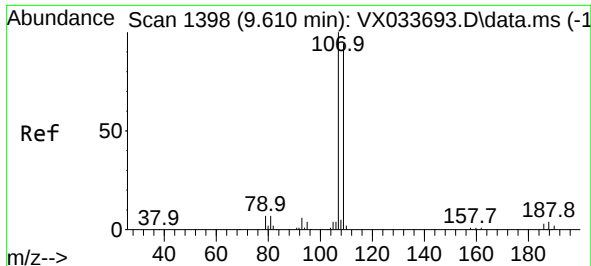
Tgt Ion:129 Resp: 84130

Ion Ratio Lower Upper

129 100

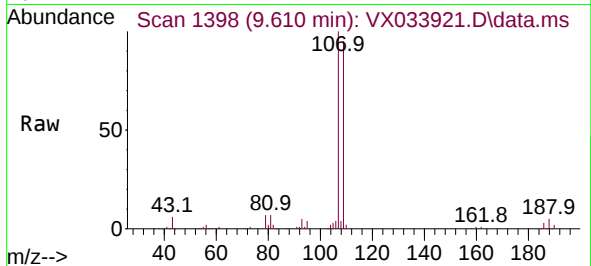
127 76.9 38.8 116.3





#61
1,2-Dibromoethane
Concen: 50.934 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX033921.D
Acq: 26 Jan 2023 19:47

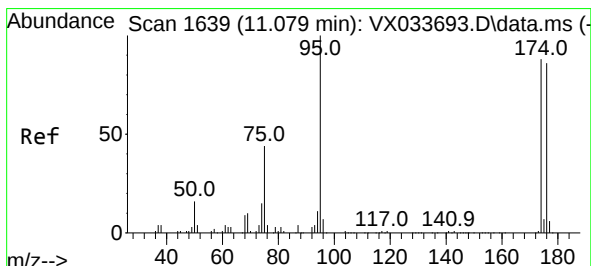
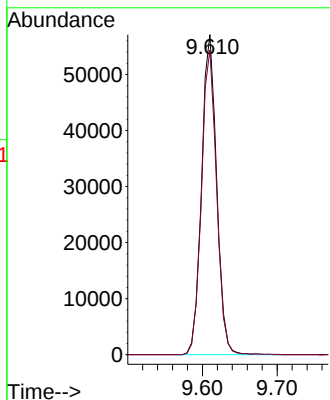
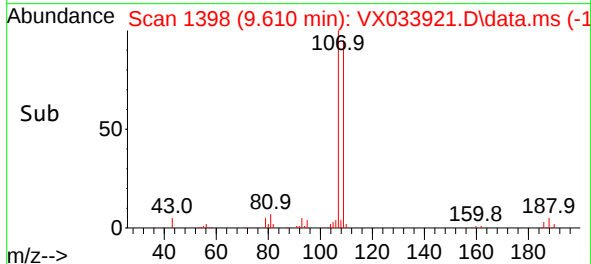
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



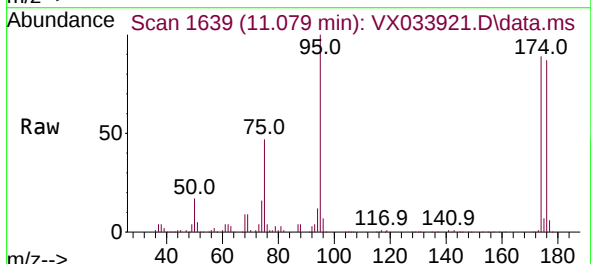
Tgt Ion:107 Resp: 79810
Ion Ratio Lower Upper
107 100
109 95.4 74.2 111.2

Manual Integrations
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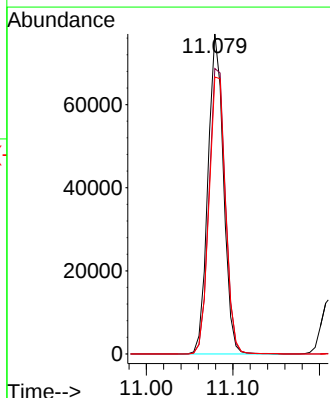
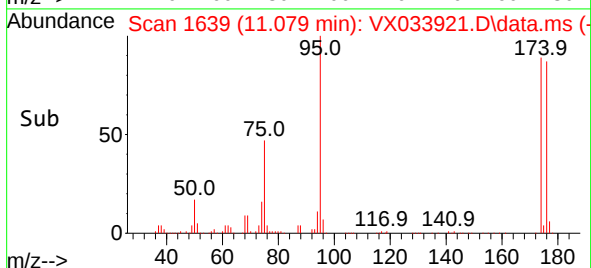
Reviewed By :John Carlone 01/27/2023
Supervised By :Semsettin Yesilyurt 01/27/2023

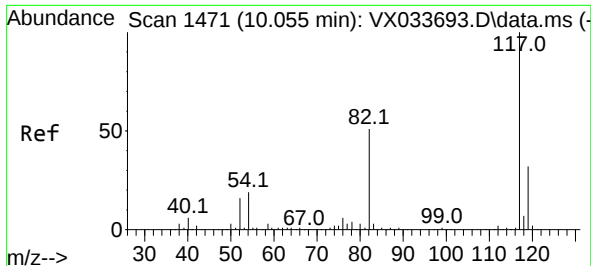


#62
4-Bromofluorobenzene
Concen: 49.176 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX033921.D
Acq: 26 Jan 2023 19:47



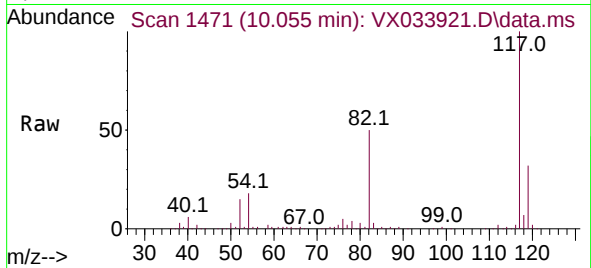
Tgt Ion: 95 Resp: 96059
Ion Ratio Lower Upper
95 100
174 94.3 0.0 184.4
176 91.9 0.0 178.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX033921.D
Acq: 26 Jan 2023 19:47

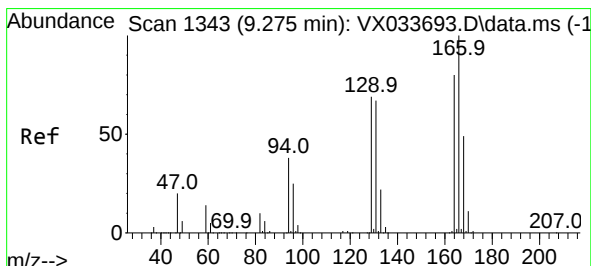
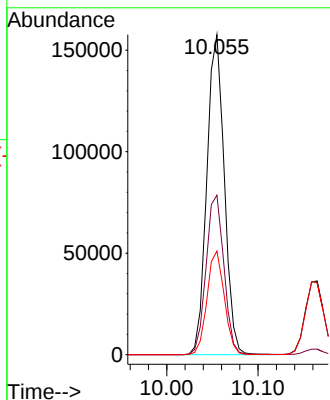
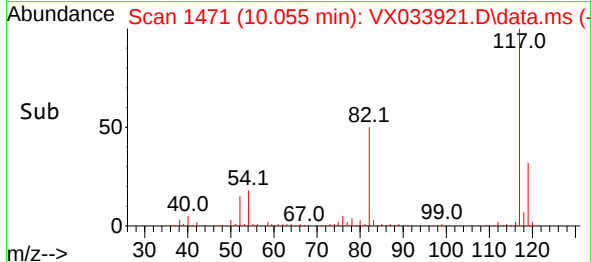
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 209054
Ion Ratio Lower Upper
117 100
82 49.8 40.6 60.8
119 32.4 25.6 38.4

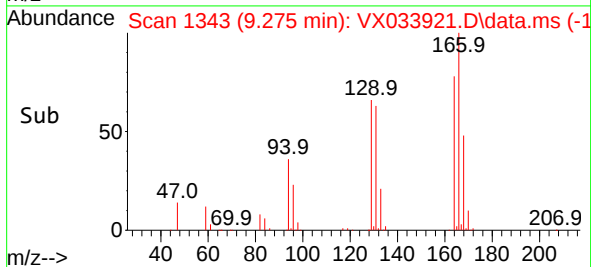
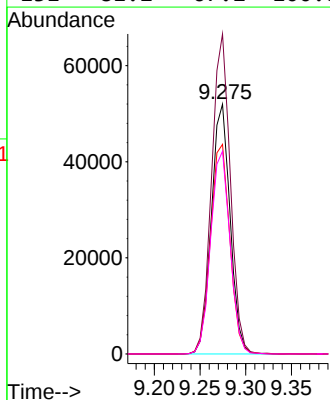
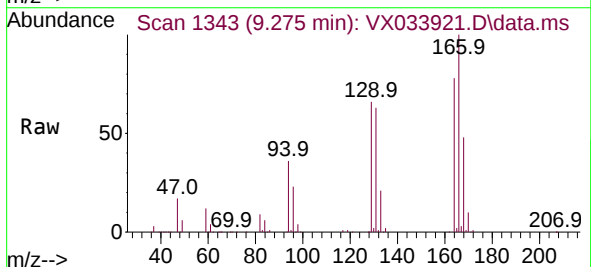
Manual Integrations
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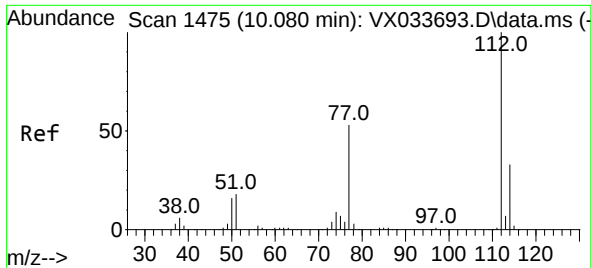
Reviewed By :John Carlone 01/27/2023
Supervised By :Semsettin Yesilyurt 01/27/2023



#64
Tetrachloroethene
Concen: 50.405 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX033921.D
Acq: 26 Jan 2023 19:47

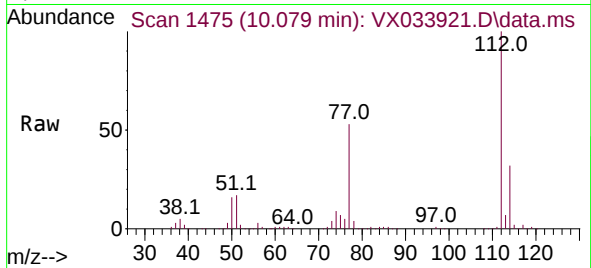
Tgt Ion:164 Resp: 74171
Ion Ratio Lower Upper
164 100
166 128.2 100.2 150.2
129 84.0 69.2 103.8
131 81.2 67.2 100.8





#65
Chlorobenzene
Concen: 47.633 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX033921.D
Acq: 26 Jan 2023 19:47

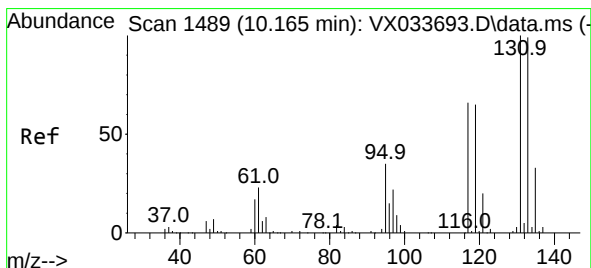
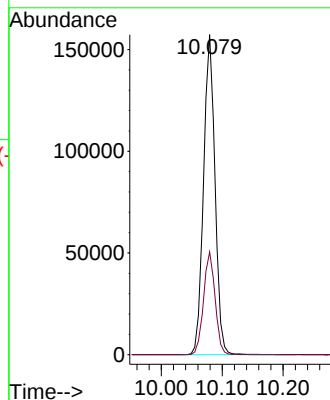
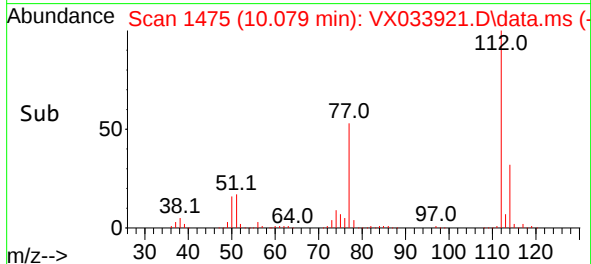
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



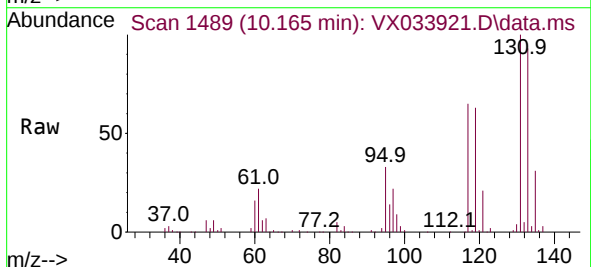
Tgt Ion:112 Resp: 20614
Ion Ratio Lower Upper
112 100
114 32.1 26.2 39.4

Manual Integrations
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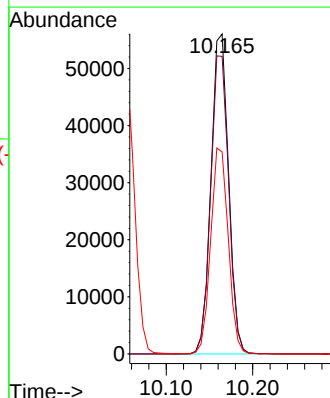
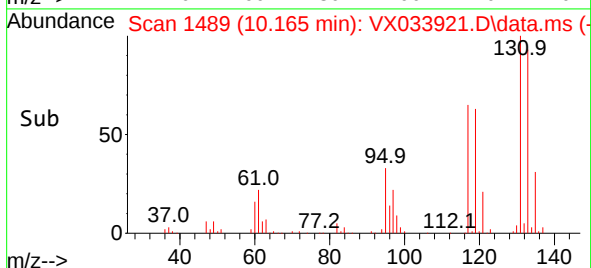
Reviewed By :John Carlone 01/27/2023
Supervised By :Semsettin Yesilyurt 01/27/2023

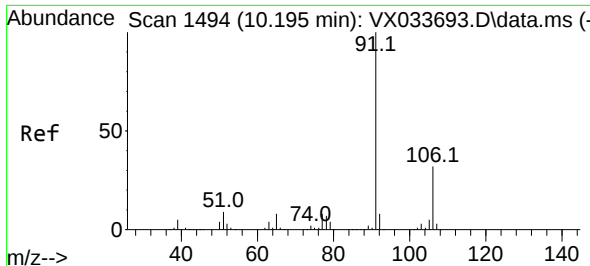


#66
1,1,1,2-Tetrachloroethane
Concen: 49.744 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX033921.D
Acq: 26 Jan 2023 19:47



Tgt Ion:131 Resp: 79228
Ion Ratio Lower Upper
131 100
133 94.9 48.4 145.0
119 64.2 31.9 95.7





#67

Ethyl Benzene

Concen: 47.254 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. -0.000 min

Lab File: VX033921.D

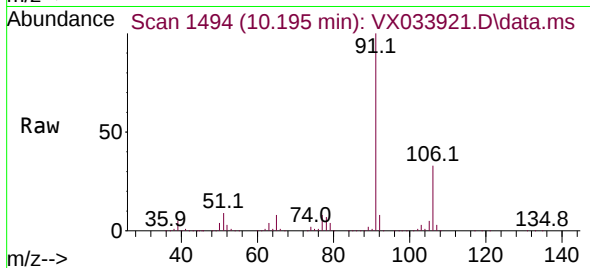
Acq: 26 Jan 2023 19:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 91 Resp: 351130

Ion Ratio Lower Upper

91 100

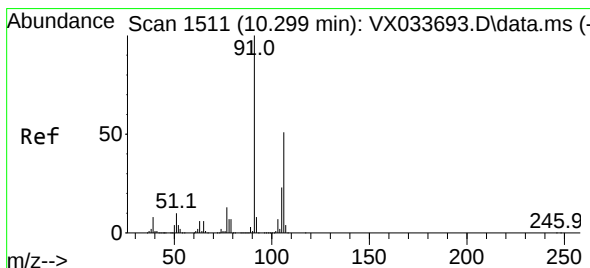
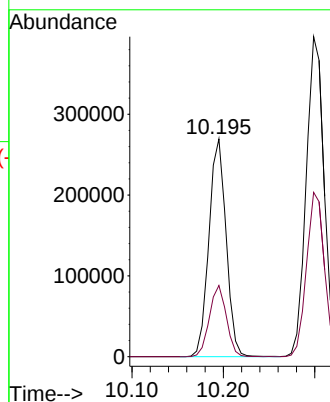
106 32.7 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/27/2023

Supervised By :Semsettin Yesilyurt 01/27/2023



#68

m/p-Xylenes

Concen: 95.987 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX033921.D

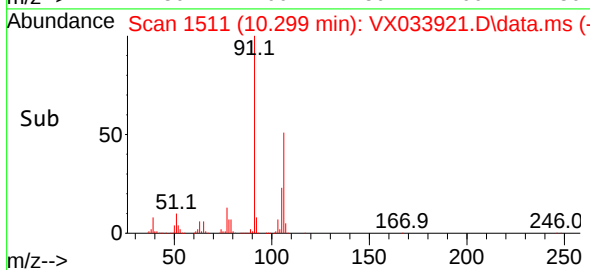
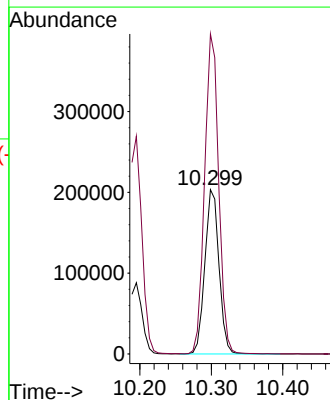
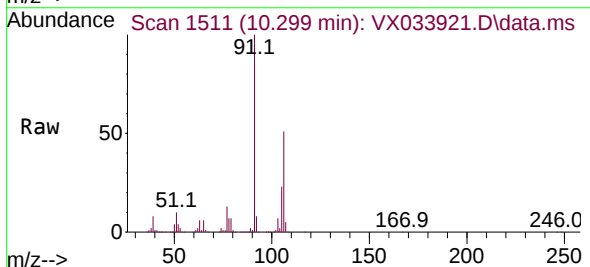
Acq: 26 Jan 2023 19:47

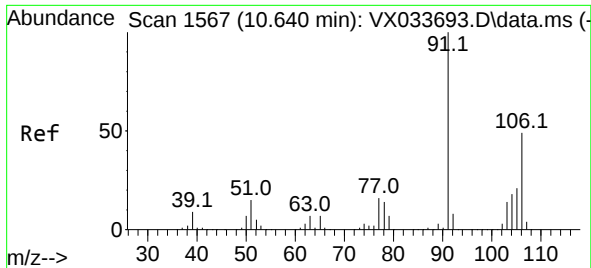
Tgt Ion:106 Resp: 278978

Ion Ratio Lower Upper

106 100

91 194.3 156.4 234.6





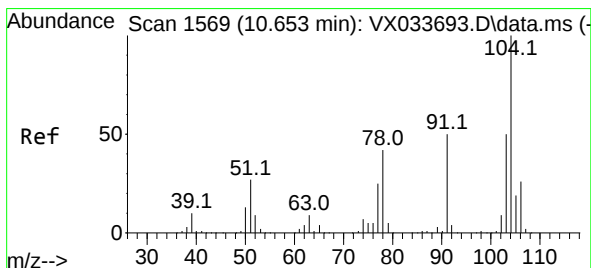
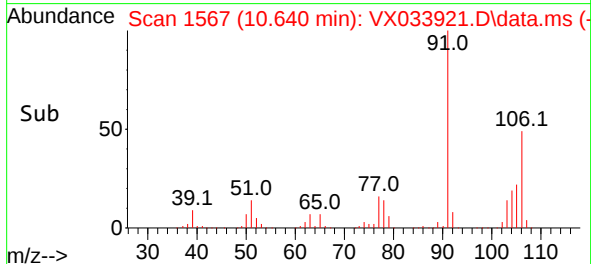
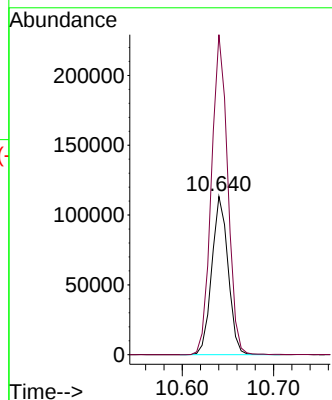
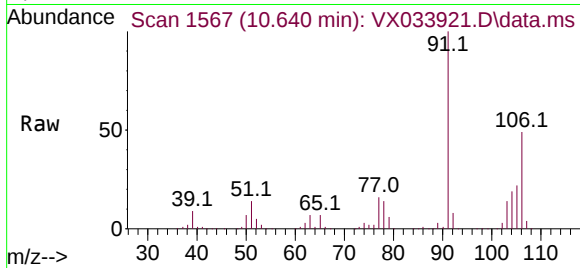
#69
o-Xylene
Concen: 48.518 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX033921.D
Acq: 26 Jan 2023 19:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 139845
Ion Ratio Lower Upper
106 100
91 202.7 103.1 309.3

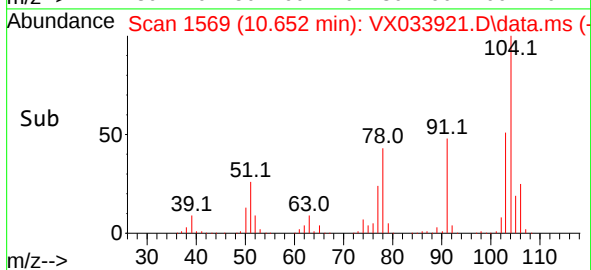
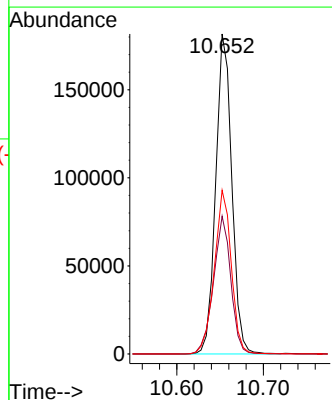
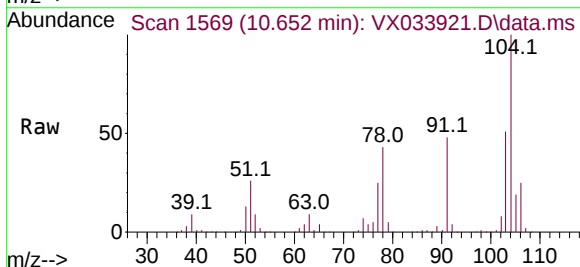
Manual Integrations
APPROVED

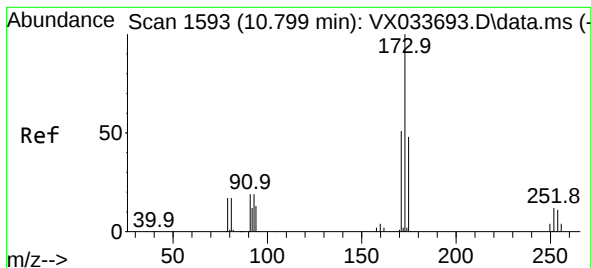
Reviewed By :John Carlone 01/27/2023
Supervised By :Semsettin Yesilyurt 01/27/2023



#70
Styrene
Concen: 49.987 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX033921.D
Acq: 26 Jan 2023 19:47

Tgt Ion:104 Resp: 234319
Ion Ratio Lower Upper
104 100
78 46.4 37.5 56.3
103 54.2 43.3 64.9





#71

Bromoform

Concen: 51.098 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX033921.D

Acq: 26 Jan 2023 19:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

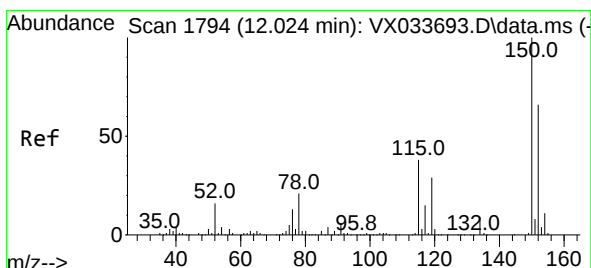
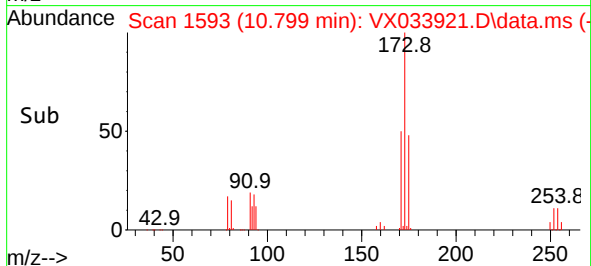
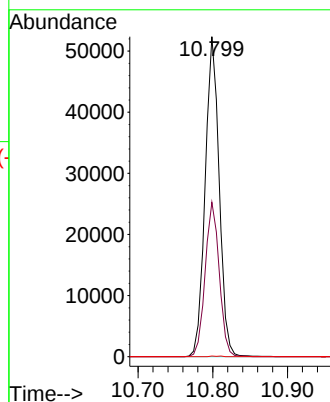
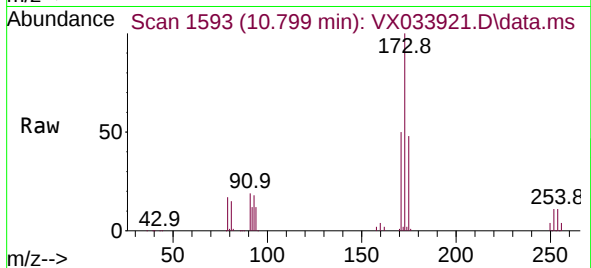
Tgt Ion:173 Resp: 68198
 Ion Ratio Lower Upper
 173 100
 175 48.4 24.1 72.3
 254 0.2 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/27/2023

Supervised By :Semsettin Yesilyurt 01/27/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

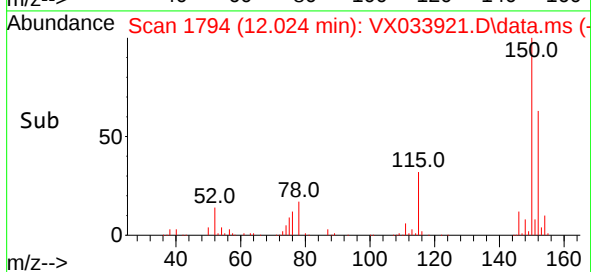
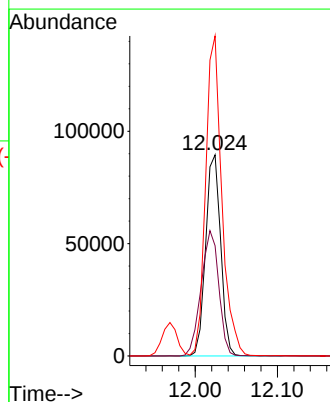
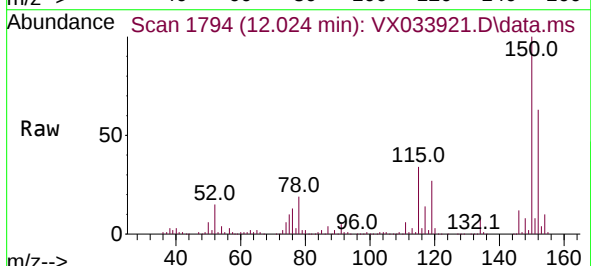
RT: 12.024 min Scan# 1794

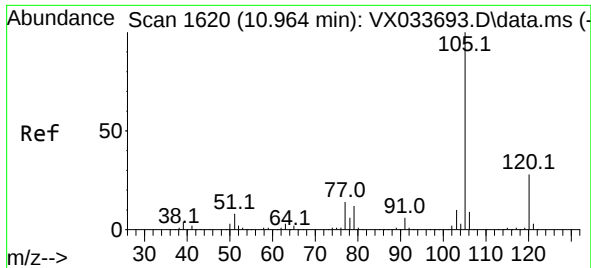
Delta R.T. -0.000 min

Lab File: VX033921.D

Acq: 26 Jan 2023 19:47

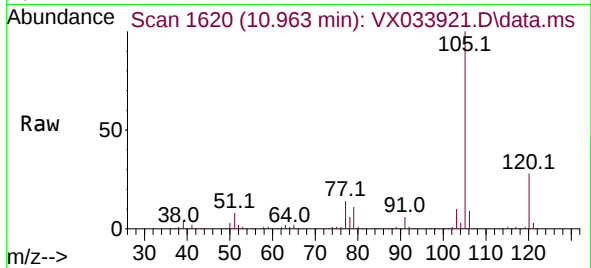
Tgt Ion:152 Resp: 113436
 Ion Ratio Lower Upper
 152 100
 115 73.4 38.7 116.1
 150 171.2 0.0 348.2





#73
Isopropylbenzene
Concen: 48.393 ug/l
RT: 10.963 min Scan# 1600
Delta R.T. -0.001 min
Lab File: VX033921.D
Acq: 26 Jan 2023 19:47

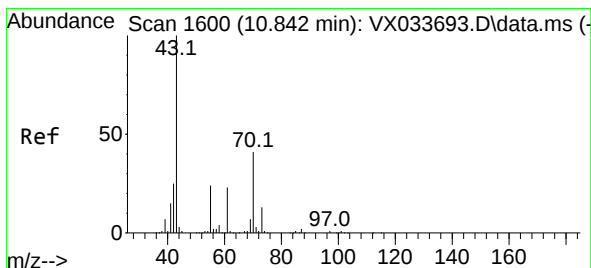
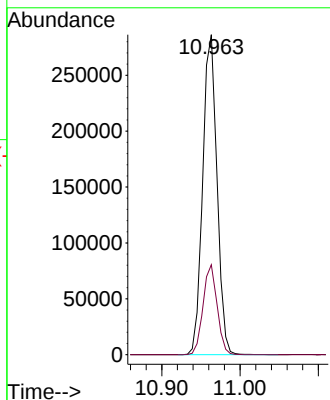
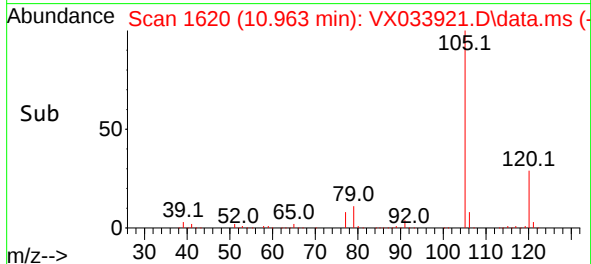
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



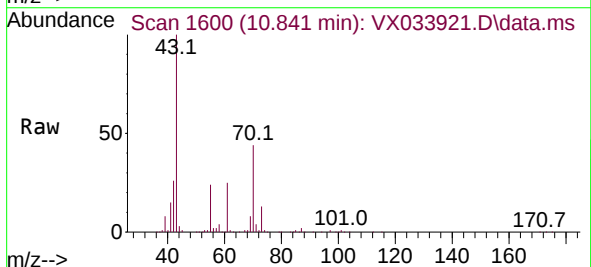
Tgt Ion:105 Resp: 36182
Ion Ratio Lower Upper
105 100
120 27.6 13.6 40.8

Manual Integrations
APPROVED

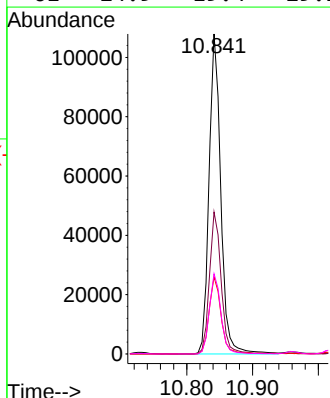
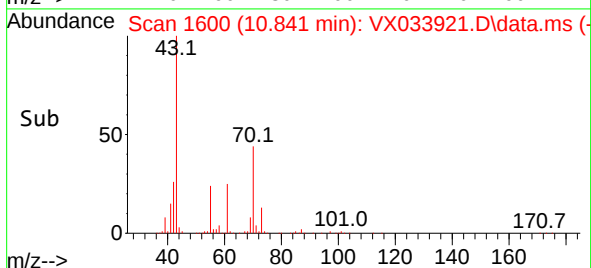
Reviewed By :John Carlone 01/27/2023
Supervised By :Semsettin Yesilyurt 01/27/2023

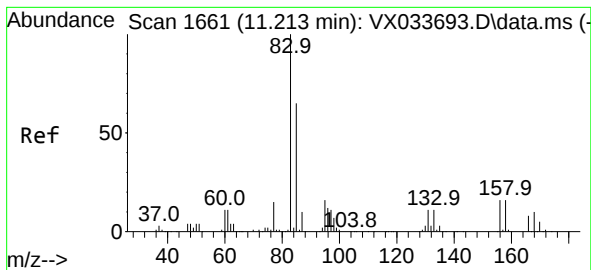


#74
N-ethyl acetate
Concen: 45.045 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX033921.D
Acq: 26 Jan 2023 19:47



Tgt Ion: 43 Resp: 134178
Ion Ratio Lower Upper
43 100
70 44.7 34.8 52.2
55 24.8 19.4 29.0
61 24.9 19.4 29.2





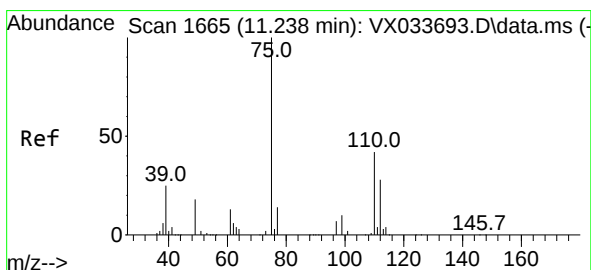
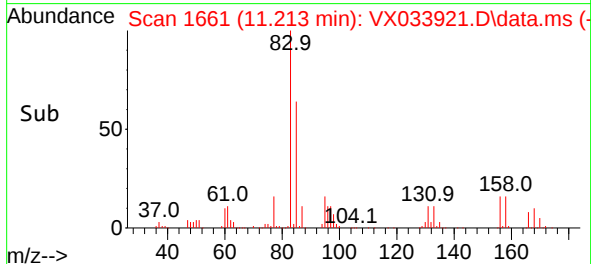
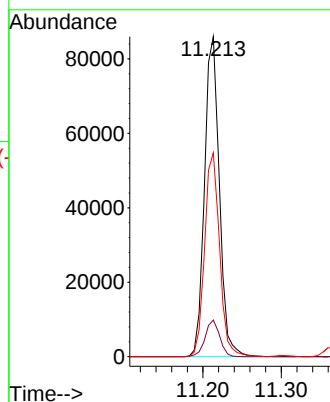
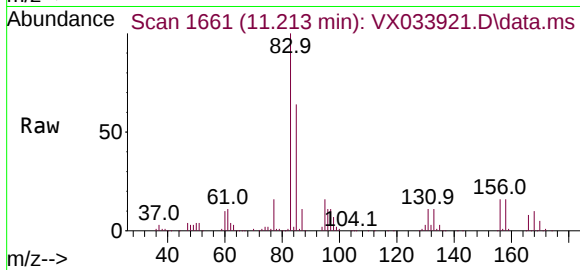
#75
1,1,2,2-Tetrachloroethane
Concen: 51.891 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX033921.D
Acq: 26 Jan 2023 19:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 112969
Ion Ratio Lower Upper
83 100
131 11.2 5.5 16.7
85 64.2 32.3 96.9

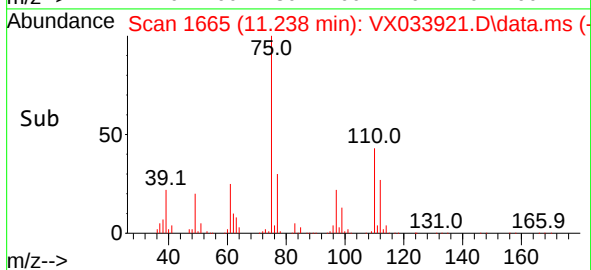
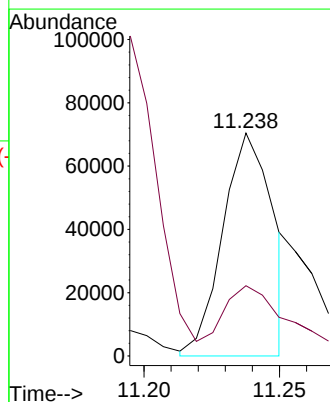
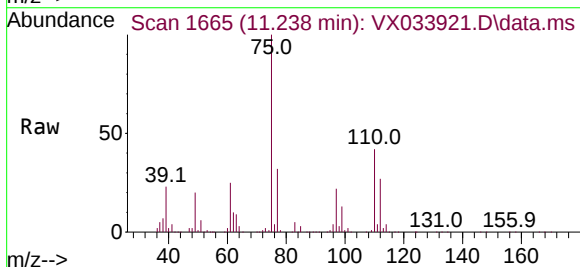
Manual Integrations
APPROVED

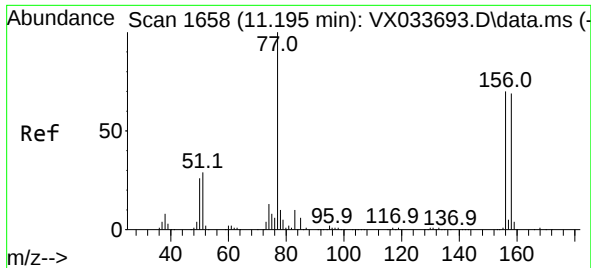
Reviewed By :John Carlone 01/27/2023
Supervised By :Semsettin Yesilyurt 01/27/2023



#76
1,2,3-Trichloropropane
Concen: 43.472 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX033921.D
Acq: 26 Jan 2023 19:47

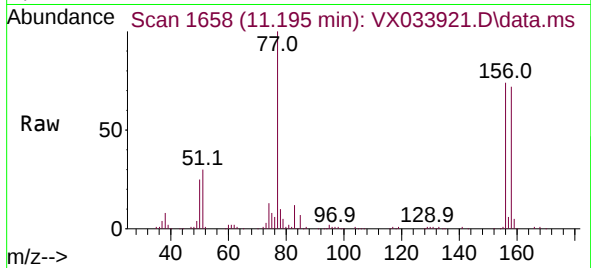
Tgt Ion: 75 Resp: 90605
Ion Ratio Lower Upper
75 100
77 41.8 21.8 65.4





#77
Bromobenzene
Concen: 49.084 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX033921.D
Acq: 26 Jan 2023 19:47

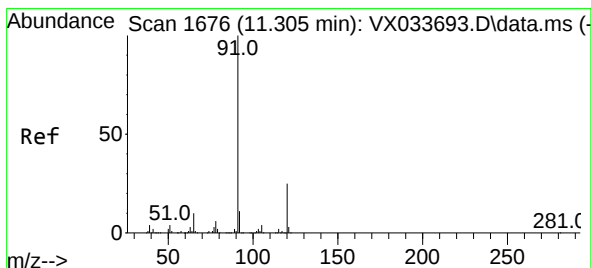
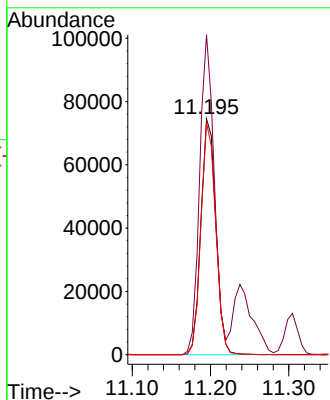
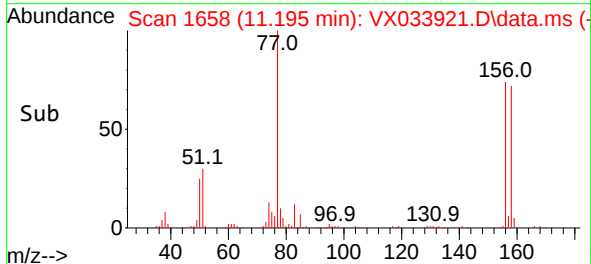
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



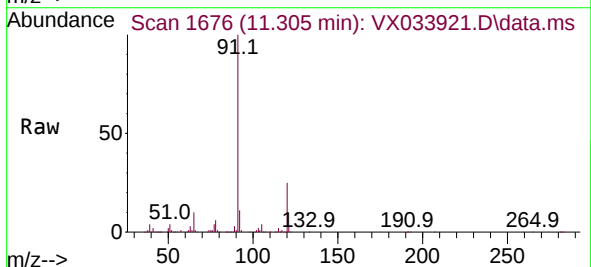
Tgt Ion:156 Resp: 98940
Ion Ratio Lower Upper
156 100
77 132.0 68.1 204.3
158 97.0 48.0 144.2

Manual Integrations
APPROVED

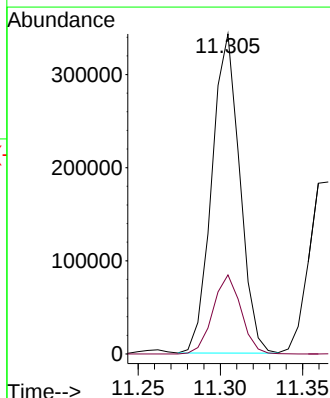
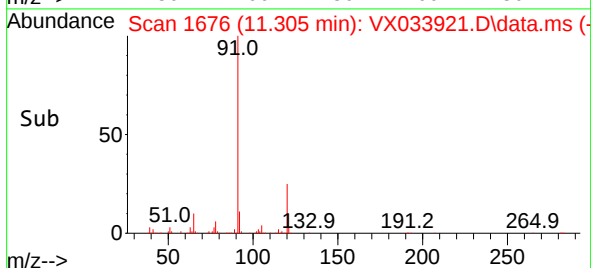
Reviewed By :John Carlone 01/27/2023
Supervised By :Semsettin Yesilyurt 01/27/2023

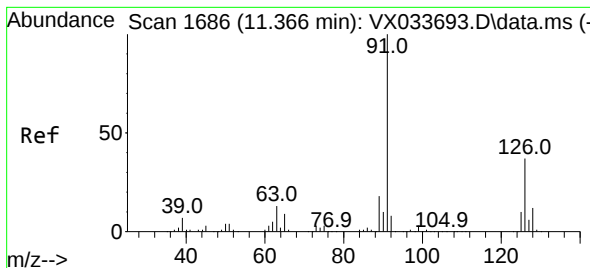


#78
n-propylbenzene
Concen: 43.754 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX033921.D
Acq: 26 Jan 2023 19:47



Tgt Ion: 91 Resp: 405008
Ion Ratio Lower Upper
91 100
120 24.8 12.3 36.8





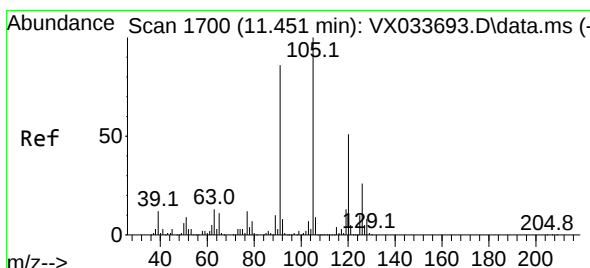
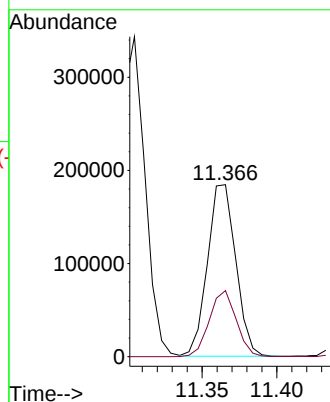
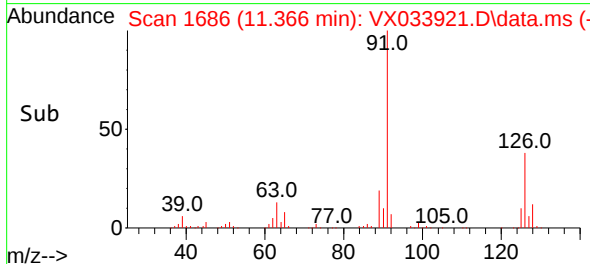
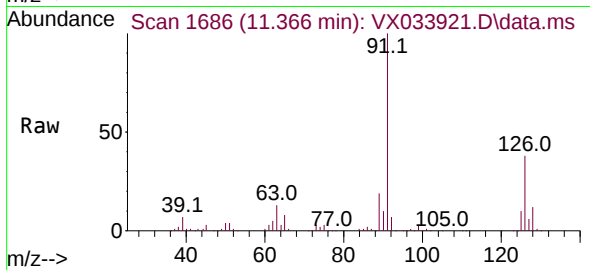
#79
2-Chlorotoluene
Concen: 48.469 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX033921.D
Acq: 26 Jan 2023 19:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 24282
Ion Ratio Lower Upper
91 100
126 36.6 18.1 54.1

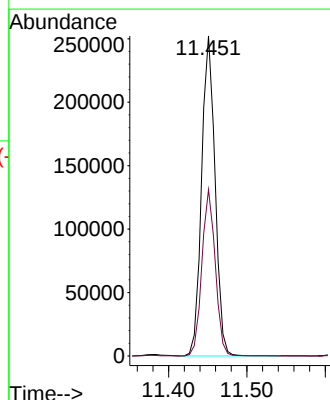
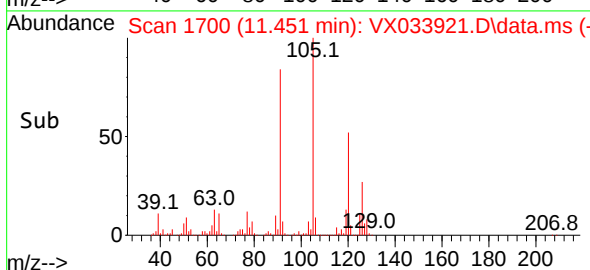
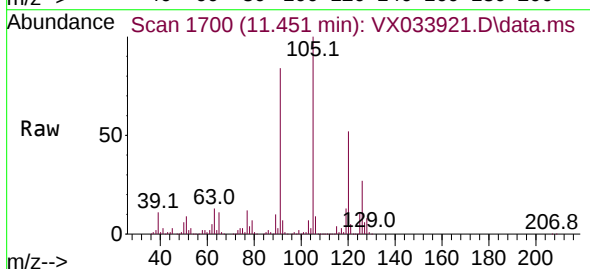
Manual Integrations
APPROVED

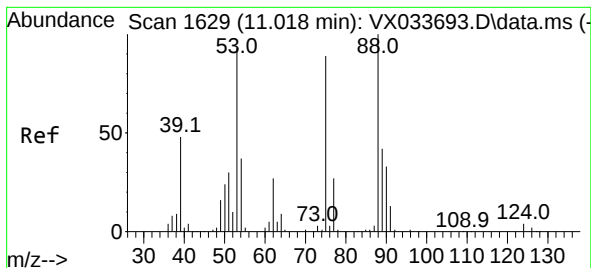
Reviewed By :John Carlone 01/27/2023
Supervised By :Semsettin Yesilyurt 01/27/2023



#80
1,3,5-Trimethylbenzene
Concen: 44.080 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX033921.D
Acq: 26 Jan 2023 19:47

Tgt Ion:105 Resp: 300879
Ion Ratio Lower Upper
105 100
120 51.7 25.6 76.8





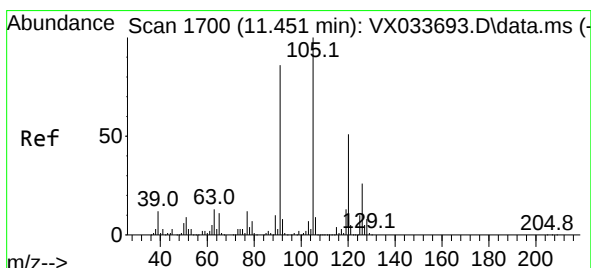
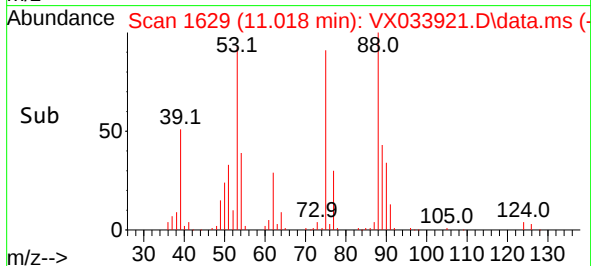
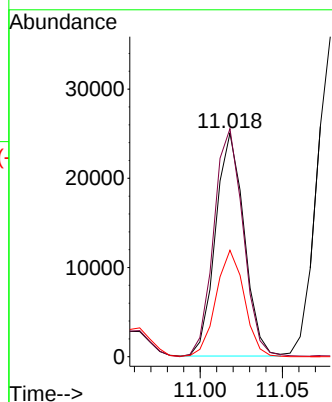
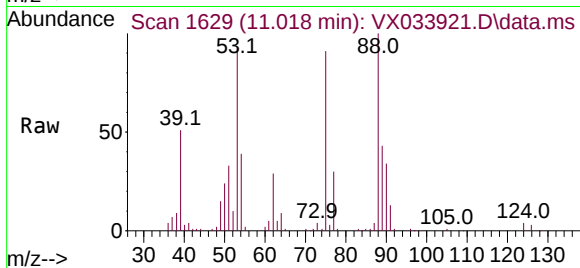
#81
trans-1,4-Dichloro-2-butene
Concen: 45.094 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX033921.D
Acq: 26 Jan 2023 19:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 3024
Ion Ratio Lower Upper
75 100
53 105.3 83.0 124.6
89 47.2 37.7 56.5

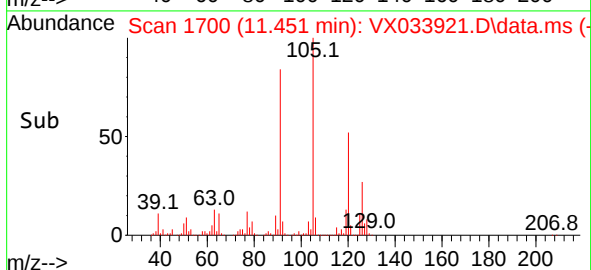
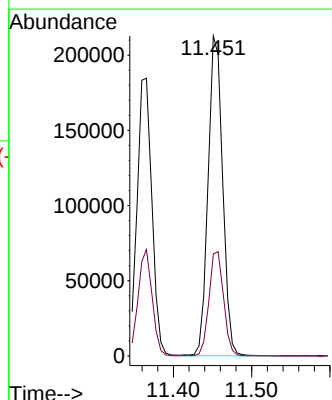
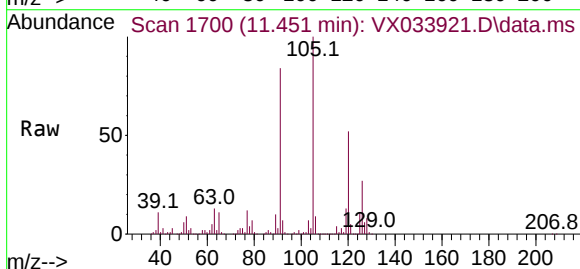
Manual Integrations
APPROVED

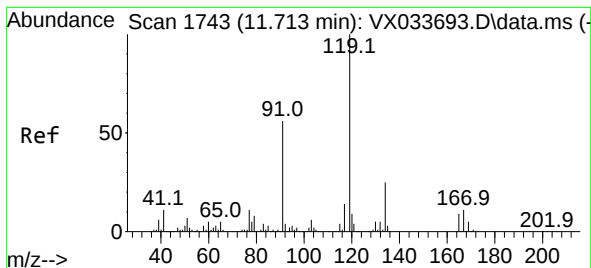
Reviewed By :John Carlone 01/27/2023
Supervised By :Semsettin Yesilyurt 01/27/2023



#82
4-Chlorotoluene
Concen: 47.707 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX033921.D
Acq: 26 Jan 2023 19:47

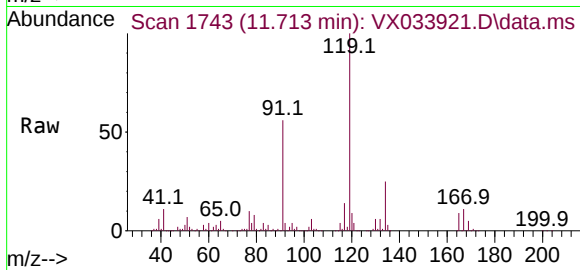
Tgt Ion: 91 Resp: 273817
Ion Ratio Lower Upper
91 100
126 32.9 15.8 47.4





#83
tert-Butylbenzene
Concen: 46.351 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX033921.D
Acq: 26 Jan 2023 19:47

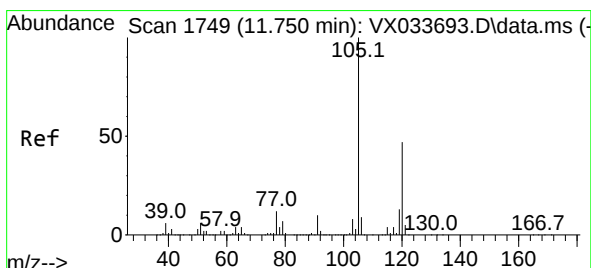
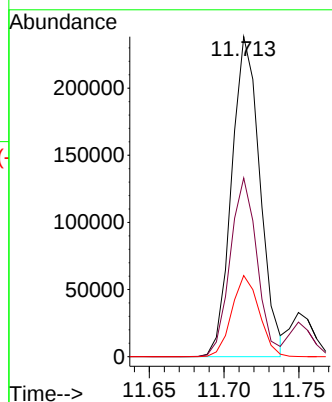
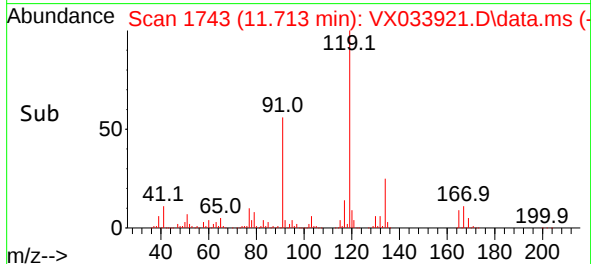
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



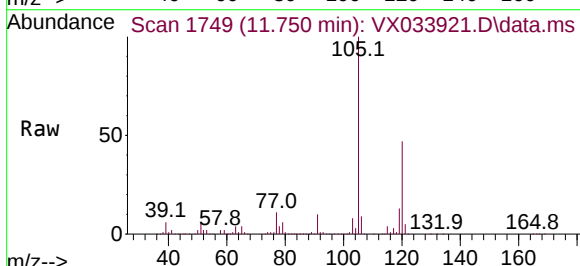
Tgt Ion:119 Resp: 31414
Ion Ratio Lower Upper
119 100
91 53.2 26.9 80.7
134 24.5 12.3 36.8

Manual Integrations
APPROVED

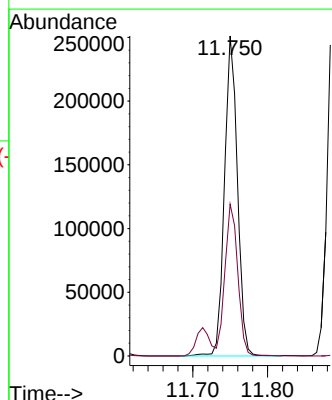
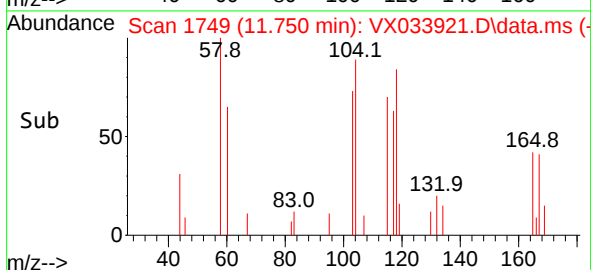
Reviewed By :John Carlone 01/27/2023
Supervised By :Semsettin Yesilyurt 01/27/2023

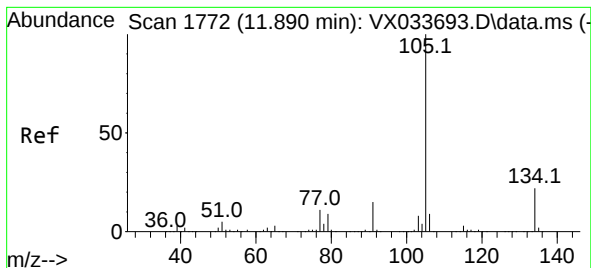


#84
1,2,4-Trimethylbenzene
Concen: 46.766 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX033921.D
Acq: 26 Jan 2023 19:47



Tgt Ion:105 Resp: 301956
Ion Ratio Lower Upper
105 100
120 46.9 23.4 70.2





#85
 sec-Butylbenzene
 Concen: 47.171 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX033921.D
 Acq: 26 Jan 2023 19:47

Instrument :

MSVOA_X

ClientSampleId :

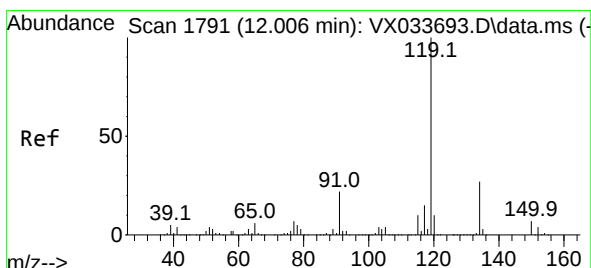
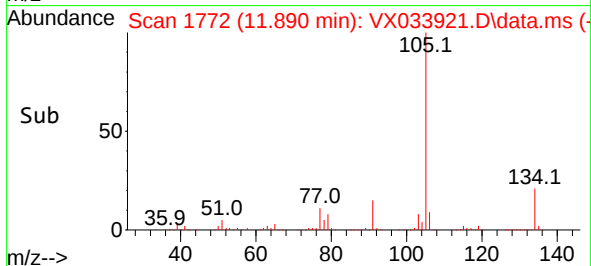
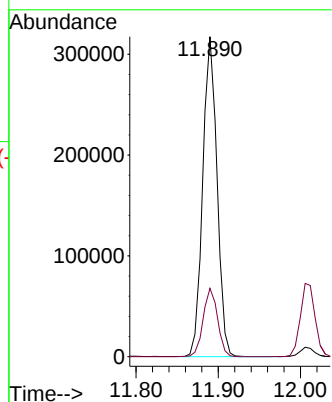
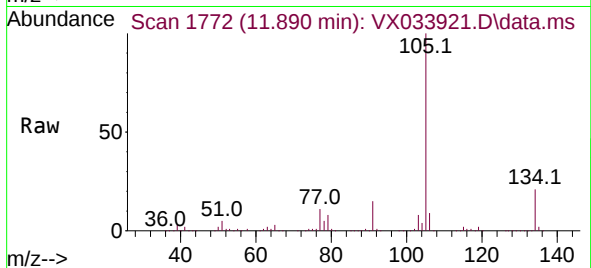
VSTDCCC050EC

Tgt Ion:105 Resp: 38238
 Ion Ratio Lower Upper
 105 100
 134 21.5 10.8 32.3

Manual Integrations

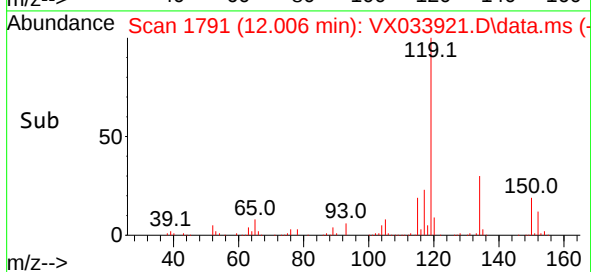
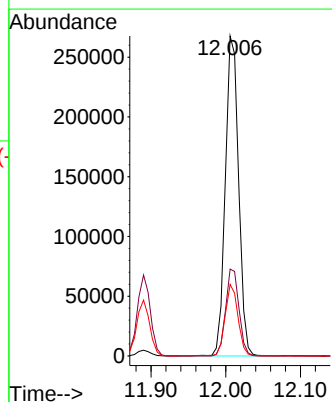
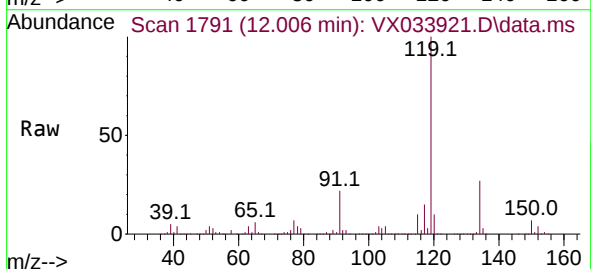
APPROVED

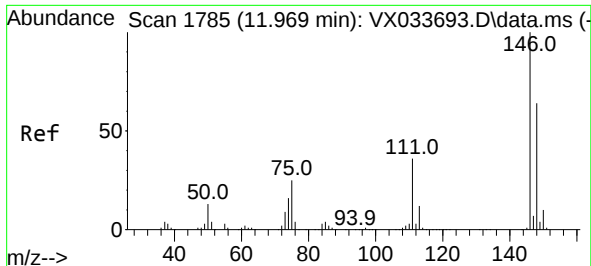
Reviewed By :John Carlone 01/27/2023
 Supervised By :Semsettin Yesilyurt 01/27/2023



#86
 p-Isopropyltoluene
 Concen: 47.580 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX033921.D
 Acq: 26 Jan 2023 19:47

Tgt Ion:119 Resp: 330216
 Ion Ratio Lower Upper
 119 100
 134 27.3 13.6 40.8
 91 21.6 11.0 33.0





#87

1,3-Dichlorobenzene

Concen: 47.276 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX033921.D

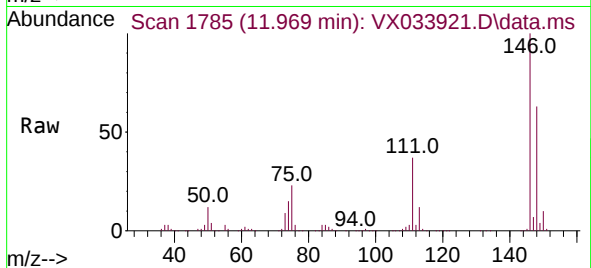
Acq: 26 Jan 2023 19:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



Tgt Ion:146 Resp: 181204

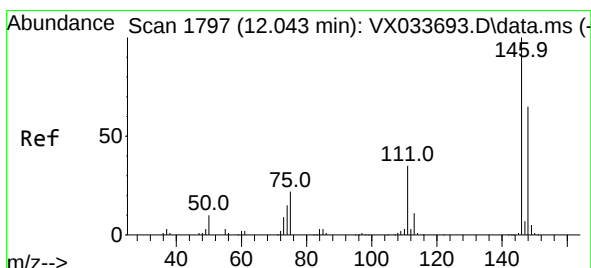
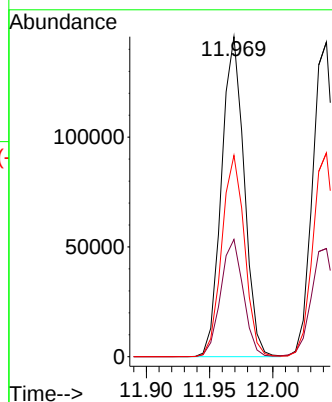
Ion	Ratio	Lower	Upper
146	100		
111	36.5	18.6	55.6
148	63.1	31.9	95.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/27/2023

Supervised By :Semsettin Yesilyurt 01/27/2023



#88

1,4-Dichlorobenzene

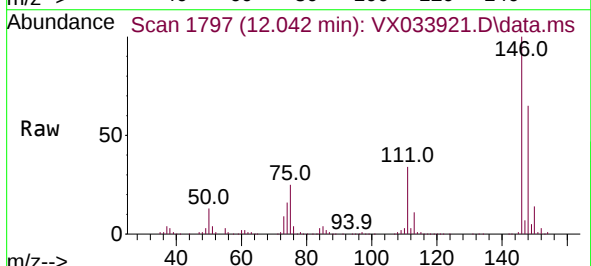
Concen: 46.086 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. -0.000 min

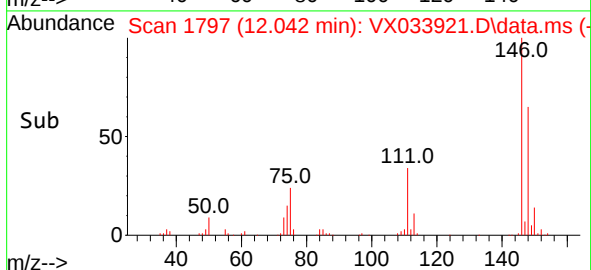
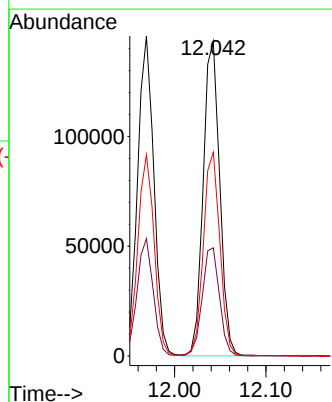
Lab File: VX033921.D

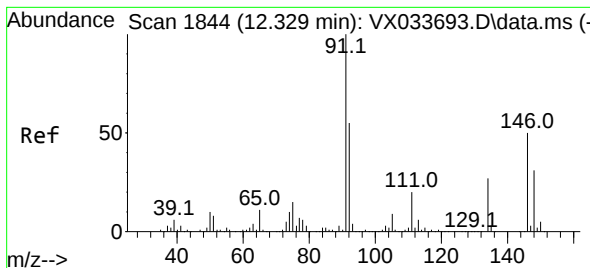
Acq: 26 Jan 2023 19:47



Tgt Ion:146 Resp: 179944

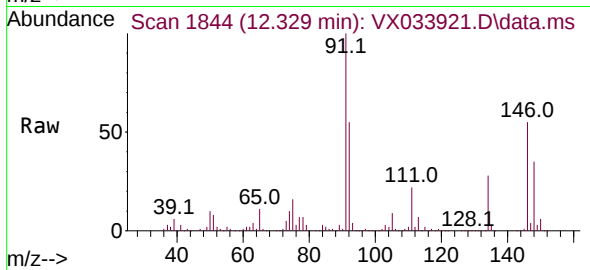
Ion	Ratio	Lower	Upper
146	100		
111	35.9	17.8	53.4
148	64.8	32.1	96.3





#89
n-Butylbenzene
Concen: 46.448 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX033921.D
Acq: 26 Jan 2023 19:47

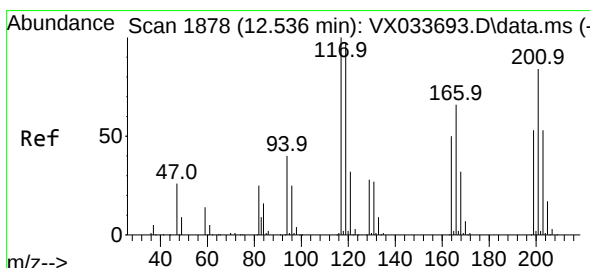
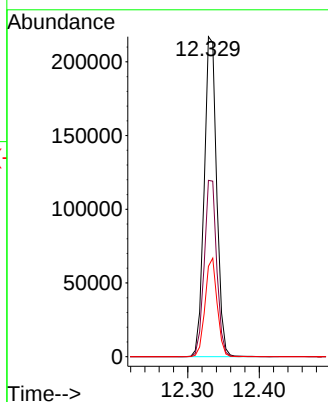
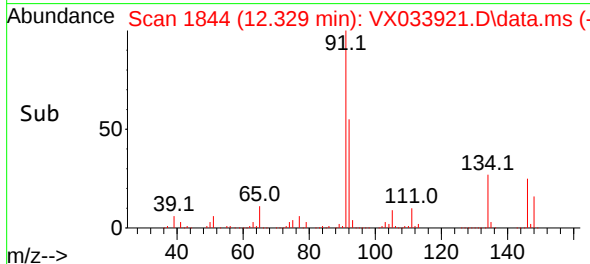
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 26372
Ion Ratio Lower Upper
91 100
92 55.2 27.5 82.5
134 29.8 14.3 42.9

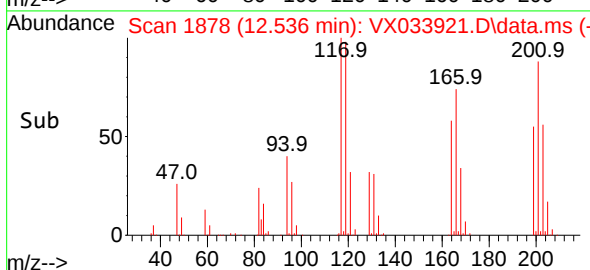
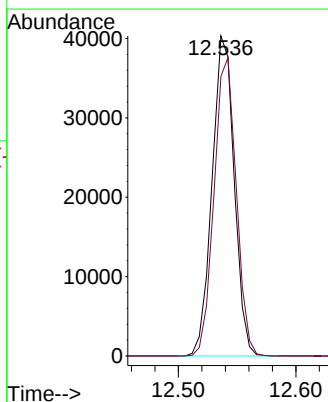
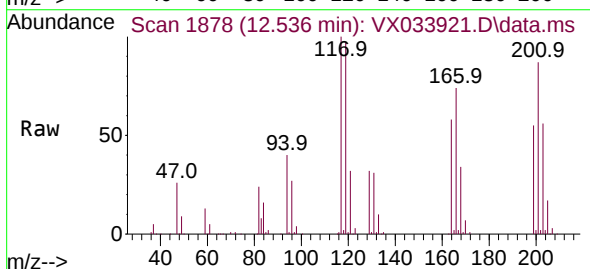
Manual Integrations
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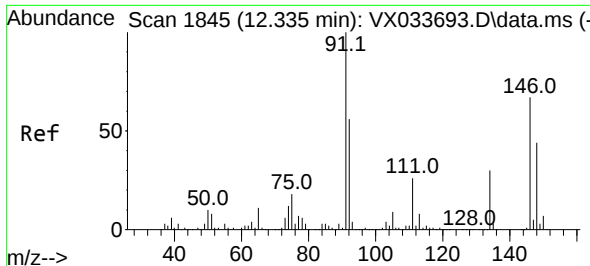
Reviewed By :John Carlone 01/27/2023
Supervised By :Semsettin Yesilyurt 01/27/2023



#90
Hexachloroethane
Concen: 46.154 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX033921.D
Acq: 26 Jan 2023 19:47

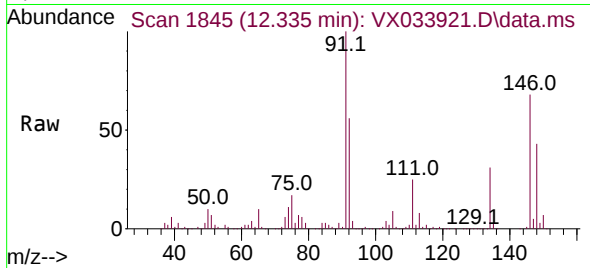
Tgt Ion:117 Resp: 52691
Ion Ratio Lower Upper
117 100
201 93.5 45.1 135.3





#91
1,2-Dichlorobenzene
Concen: 48.545 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX033921.D
Acq: 26 Jan 2023 19:47

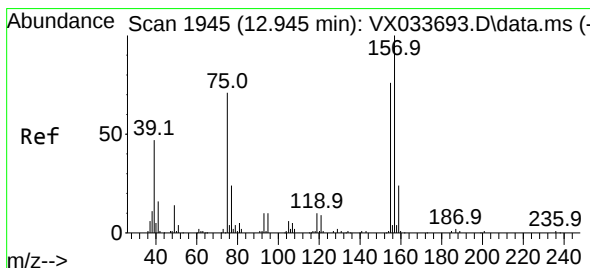
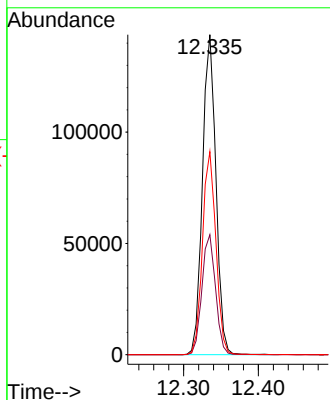
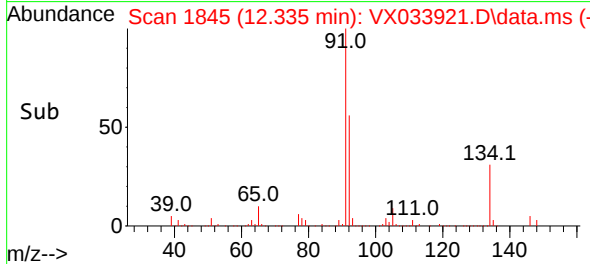
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:146 Resp: 179550
Ion Ratio Lower Upper
146 100
111 38.0 19.3 57.8
148 63.4 32.3 96.9

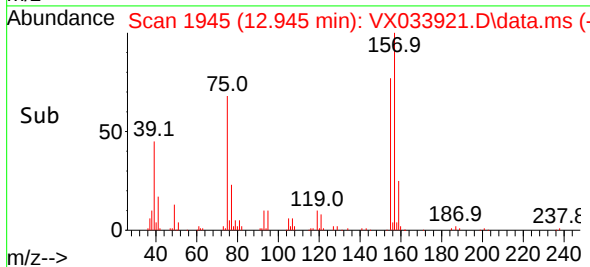
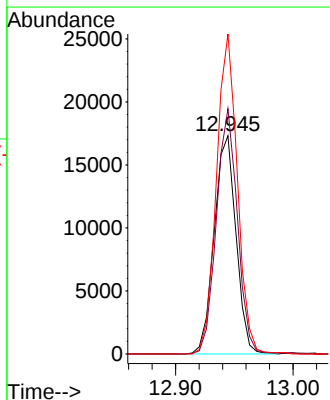
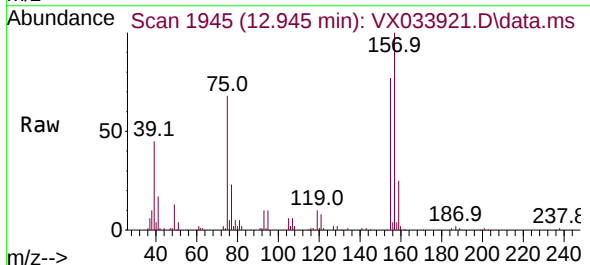
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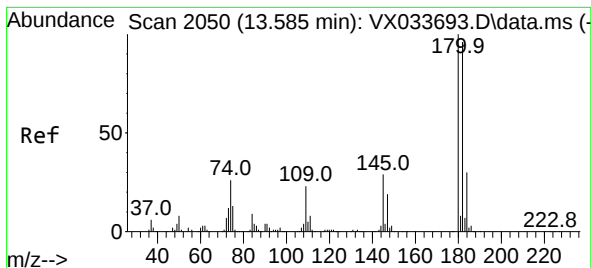
Reviewed By :John Carlone 01/27/2023
Supervised By :Semsettin Yesilyurt 01/27/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 48.182 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX033921.D
Acq: 26 Jan 2023 19:47

Tgt Ion: 75 Resp: 22303
Ion Ratio Lower Upper
75 100
155 108.7 51.7 155.1
157 140.8 67.5 202.3





#93

1,2,4-Trichlorobenzene

Concen: 51.509 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX033921.D

Acq: 26 Jan 2023 19:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:180 Resp: 128329

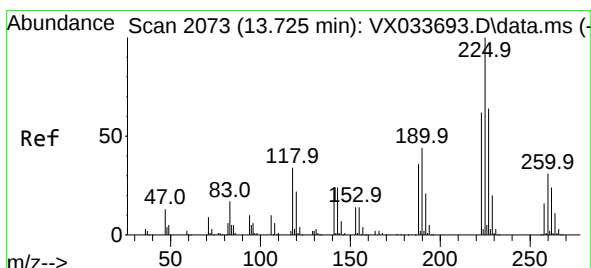
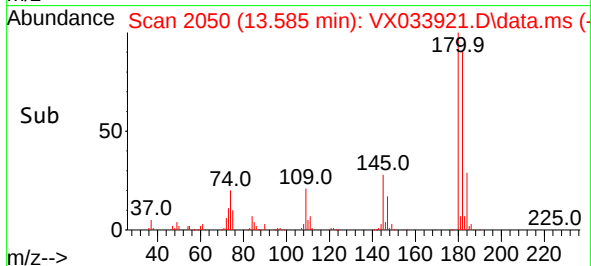
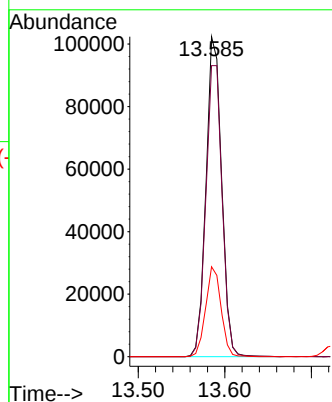
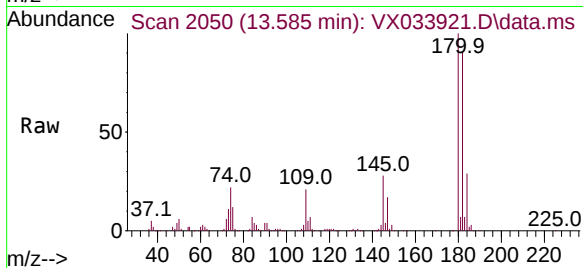
Ion	Ratio	Lower	Upper
180	100		
182	94.8	47.9	143.6
145	27.8	14.1	42.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/27/2023

Supervised By :Semsettin Yesilyurt 01/27/2023



#94

Hexachlorobutadiene

Concen: 46.922 ug/l

RT: 13.725 min Scan# 2073

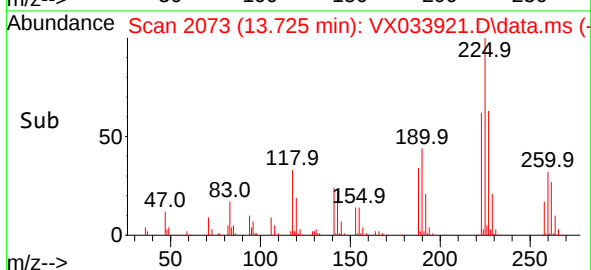
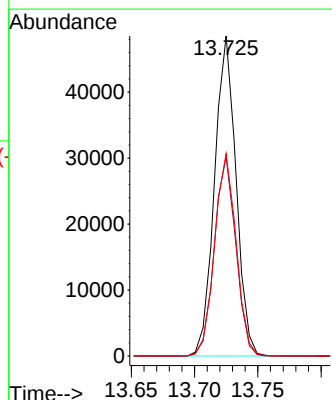
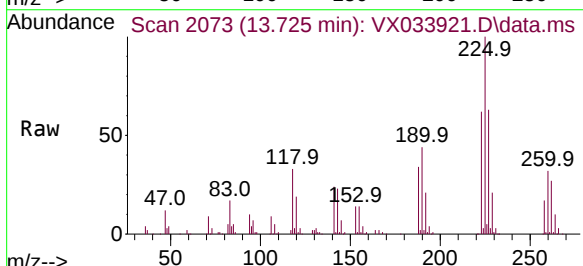
Delta R.T. -0.000 min

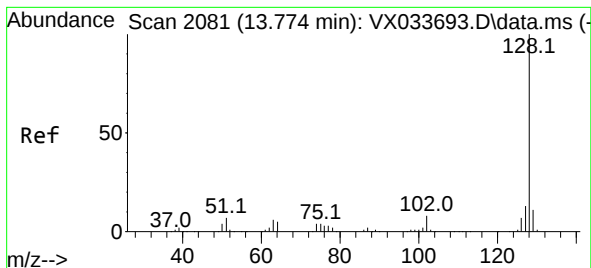
Lab File: VX033921.D

Acq: 26 Jan 2023 19:47

Tgt Ion:225 Resp: 57264

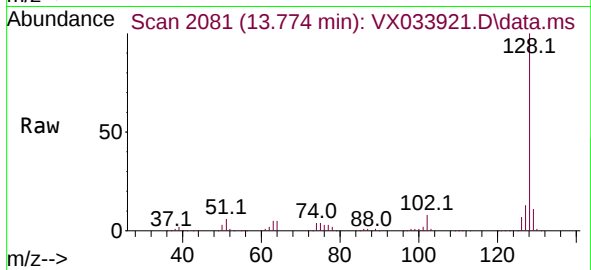
Ion	Ratio	Lower	Upper
225	100		
223	61.9	31.3	93.9
227	63.4	32.3	96.9





#95
Naphthalene
Concen: 51.955 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX033921.D
Acq: 26 Jan 2023 19:47

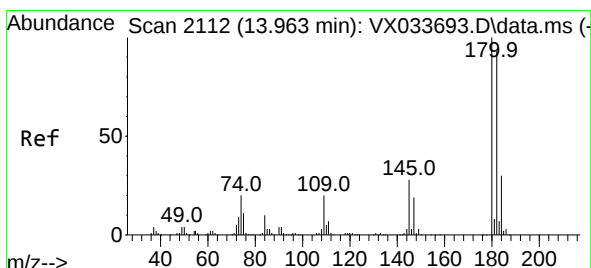
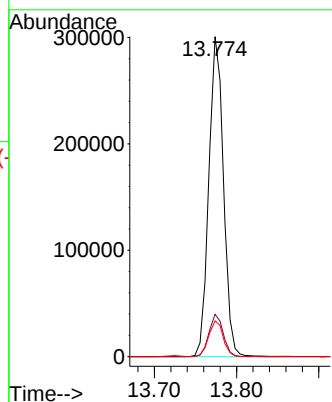
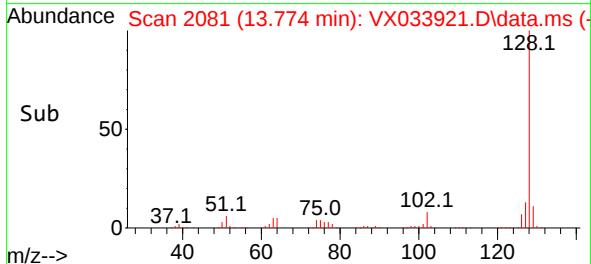
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



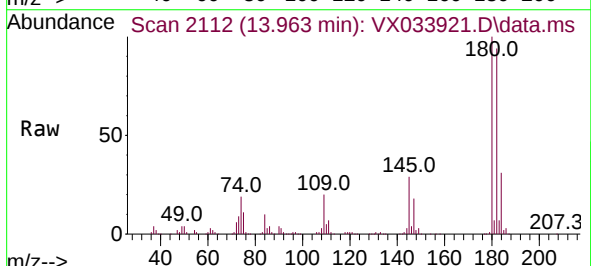
Tgt Ion:128 Resp: 372400
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 11.1 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 01/27/2023
Supervised By :Semsettin Yesilyurt 01/27/2023



#96
1,2,3-Trichlorobenzene
Concen: 50.721 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX033921.D
Acq: 26 Jan 2023 19:47



Tgt Ion:180 Resp: 126445
Ion Ratio Lower Upper
180 100
182 94.3 47.6 142.9
145 29.7 15.1 45.3

