

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012623\
 Data File : VX033902.D
 Acq On : 26 Jan 2023 11:36
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Jan 27 02:50:40 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	167561	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	231797	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	205767	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	109929	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	78101	44.268	ug/l	-0.01
Spiked Amount 50.000	Range 78 - 117		Recovery =	88.540%		
35) Dibromofluoromethane	5.379	113	72345	50.263	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.520%		
50) Toluene-d8	8.647	98	258000	49.197	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.400%		
62) 4-Bromofluorobenzene	11.079	95	95364	48.978	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.960%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	60656	45.807	ug/l	94
3) Chloromethane	1.294	50	69458	47.488	ug/l	100
4) Vinyl Chloride	1.373	62	71816	50.594	ug/l	99
5) Bromomethane	1.611	94	34526	42.334	ug/l	98
6) Chloroethane	1.684	64	44567	50.785	ug/l	99
7) Trichlorofluoromethane	1.886	101	113089	49.128	ug/l	99
8) Diethyl Ether	2.129	74	44983	59.681	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.331	101	72069	54.264	ug/l	94
10) Methyl Iodide	2.453	142	96792	52.006	ug/l	92
11) Tert butyl alcohol	2.958	59	66995	218.591	ug/l #	83
12) 1,1-Dichloroethene	2.318	96	66838	49.023	ug/l	90
13) Acrolein	2.233	56	90124	318.704	ug/l	99
14) Allyl chloride	2.660	41	120439	46.835	ug/l	88
15) Acrylonitrile	3.056	53	195357	242.197	ug/l	99
16) Acetone	2.373	43	186690	293.321	ug/l	94
17) Carbon Disulfide	2.513	76	150923	43.968	ug/l	98
18) Methyl Acetate	2.696	43	121750	49.448	ug/l	98
19) Methyl tert-butyl Ether	3.105	73	224359	47.380	ug/l	99
20) Methylene Chloride	2.788	84	75497	49.174	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	72497	45.485	ug/l	94
22) Diisopropyl ether	3.751	45	243243	47.013	ug/l	99
23) Vinyl Acetate	3.714	43	930593	238.926	ug/l	98
24) 1,1-Dichloroethane	3.605	63	130408	46.069	ug/l	99
25) 2-Butanone	4.544	43	273528	237.284	ug/l	97
26) 2,2-Dichloropropane	4.470	77	97147	47.911	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	86987	47.471	ug/l	97
28) Bromochloromethane	4.891	49	57582	44.658	ug/l	94
29) Tetrahydrofuran	4.995	42	171156	235.579	ug/l	98
30) Chloroform	5.086	83	136525	47.090	ug/l	99
31) Cyclohexane	5.464	56	115146	44.353	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	117356	47.409	ug/l	98
36) 1,1-Dichloropropene	5.690	75	98998	47.127	ug/l	98
37) Ethyl Acetate	4.702	43	102532	51.224	ug/l	99
38) Carbon Tetrachloride	5.671	117	107549	49.433	ug/l	99
39) Methylcyclohexane	7.378	83	125973	48.561	ug/l	97
40) Benzene	6.031	78	298277	48.715	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.909	41	61063	52.750	ug/l	98
42) 1,2-Dichloroethane	6.080	62	102060	47.035	ug/l	98
43) Isopropyl Acetate	6.330	43	166663	50.256	ug/l	98
44) Trichloroethene	7.122	130	90099	52.622	ug/l	96
45) 1,2-Dichloropropane	7.427	63	77489	50.520	ug/l	99
46) Dibromomethane	7.574	93	53702	50.126	ug/l	97
47) Bromodichloromethane	7.817	83	105496	51.095	ug/l	97
48) Methyl methacrylate	7.683	41	84259	50.439	ug/l	96
49) 1,4-Dioxane	7.671	88	32367	875.928	ug/l #	96
51) 4-Methyl-2-Pentanone	8.567	43	517400	254.042	ug/l	98
52) Toluene	8.714	92	195239	49.377	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	110642	53.585	ug/l	99
54) cis-1,3-Dichloropropene	8.360	75	123679	53.457	ug/l	98
55) 1,1,2-Trichloroethane	9.146	97	80520	51.445	ug/l	99
56) Ethyl methacrylate	9.116	69	118948	54.001	ug/l	97
57) 1,3-Dichloropropane	9.305	76	131404	51.776	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	286511	264.113	ug/l	97
59) 2-Hexanone	9.427	43	385734	272.112	ug/l	99
60) Dibromochloromethane	9.518	129	90387	55.703	ug/l	99
61) 1,2-Dibromoethane	9.610	107	84723	54.239	ug/l	97
64) Tetrachloroethene	9.274	164	80468	55.718	ug/l	96
65) Chlorobenzene	10.079	112	217150	50.977	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.158	131	83740	53.416	ug/l	100
67) Ethyl Benzene	10.195	91	373318	51.043	ug/l	99
68) m/p-Xylenes	10.299	106	296605	103.682	ug/l	98
69) o-Xylene	10.640	106	143198	50.475	ug/l	99
70) Styrene	10.652	104	241762	52.399	ug/l	100
71) Bromoform	10.799	173	70805	53.899	ug/l #	98
73) Isopropylbenzene	10.963	105	380522	52.742	ug/l	99
74) N-amyl acetate	10.841	43	138026	47.815	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	112886	53.620	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	91691m	45.397	ug/l	
77) Bromobenzene	11.195	156	103111	52.962	ug/l	97
78) n-propylbenzene	11.305	91	426507	47.547	ug/l	99
79) 2-Chlorotoluene	11.366	91	248658	51.396	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	314625	47.564	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	32223	49.582	ug/l	99
82) 4-Chlorotoluene	11.451	91	286997	51.856	ug/l	98
83) tert-Butylbenzene	11.713	119	334255	50.892	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	315447	50.414	ug/l	99
85) sec-Butylbenzene	11.890	105	399228	50.820	ug/l	99
86) p-Isopropyltoluene	12.006	119	347911	51.729	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	189616	51.049	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	190971	50.470	ug/l	99
89) n-Butylbenzene	12.335	91	285883	51.958	ug/l	100
90) Hexachloroethane	12.536	117	56457	51.031	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	183125	51.091	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	23015	51.306	ug/l	96
93) 1,2,4-Trichlorobenzene	13.591	180	134565	55.735	ug/l	99
94) Hexachlorobutadiene	13.725	225	64078	54.180	ug/l	99
95) Naphthalene	13.774	128	380166	54.731	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	133323	55.186	ug/l	99

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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

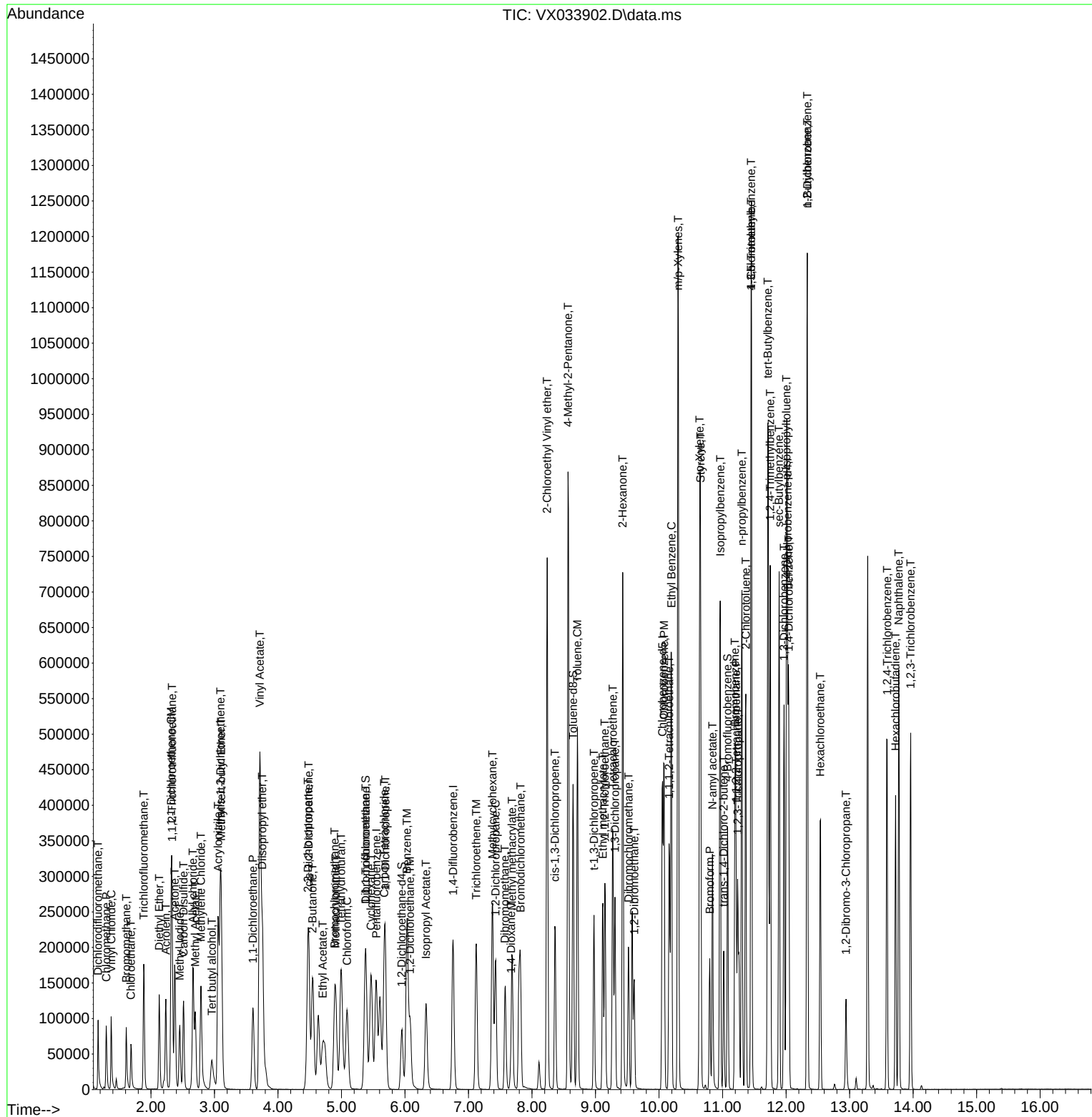
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012623\
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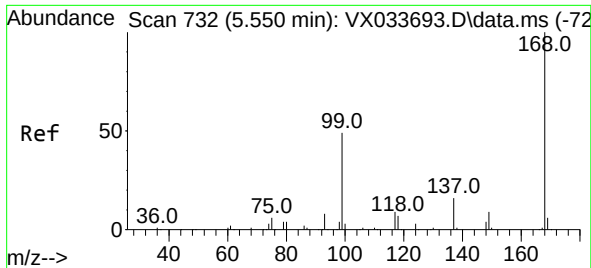
Instrument :
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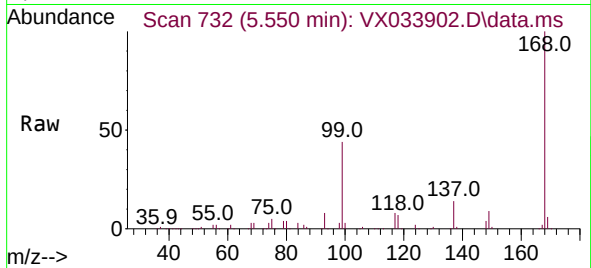
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
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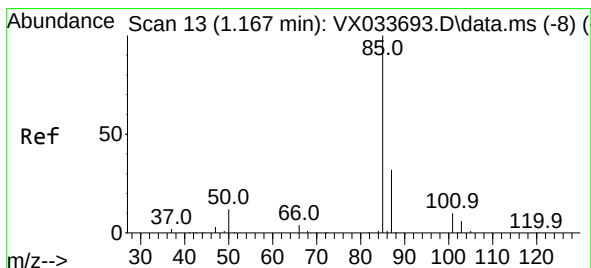
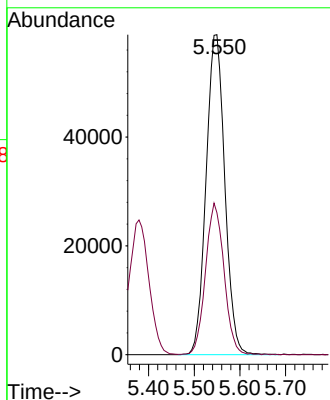
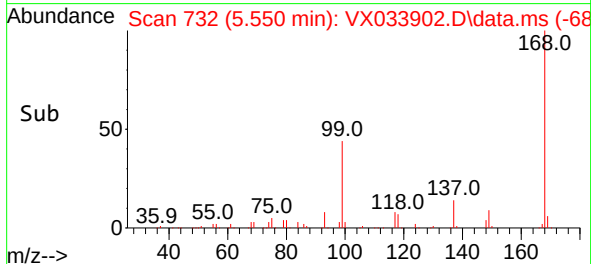
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 16756
Ion Ratio Lower Upper
168 100
99 44.3 39.6 59.4

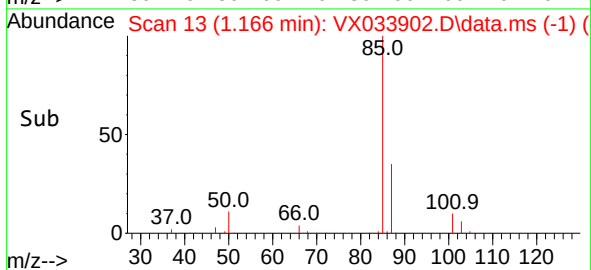
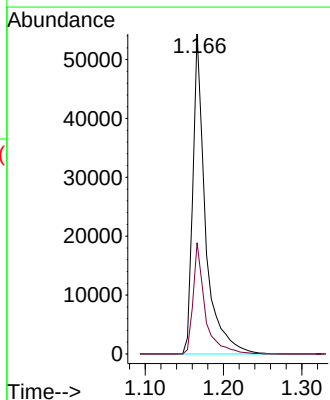
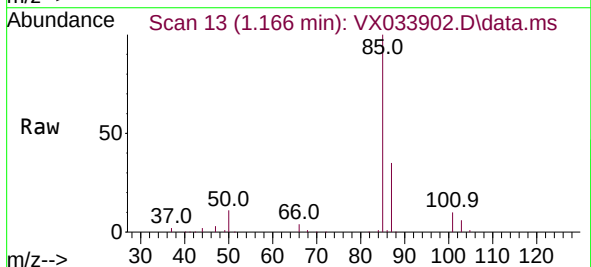
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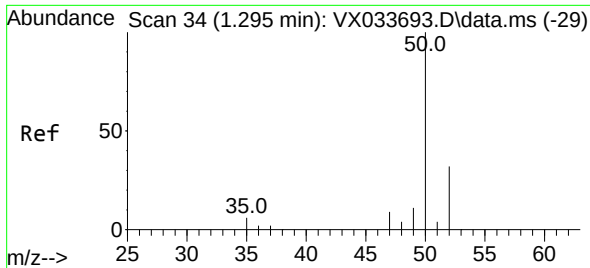
Reviewed By :John Carlone 01/27/2023
Supervised By :Semsettin Yesilyurt 01/27/2023



#2
Dichlorodifluoromethane
Concen: 45.807 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX033902.D
Acq: 26 Jan 2023 11:36

Tgt Ion: 85 Resp: 60656
Ion Ratio Lower Upper
85 100
87 34.7 15.8 47.4





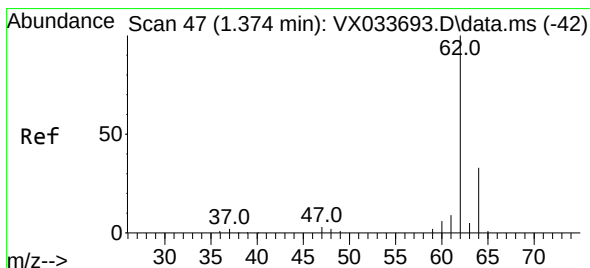
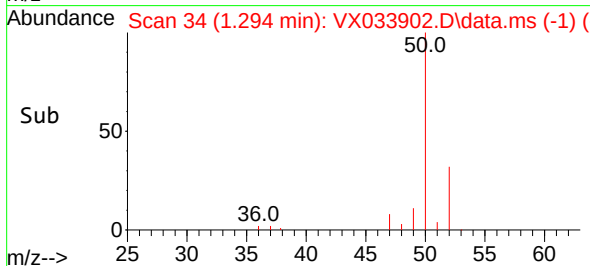
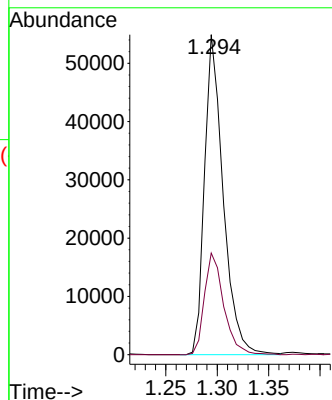
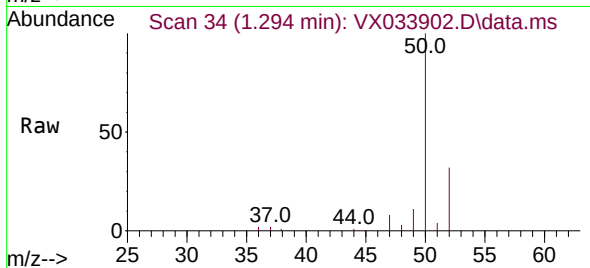
#3
Chloromethane
Concen: 47.488 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.001 min
Lab File: VX033902.D
Acq: 26 Jan 2023 11:36

Instrument :
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Tgt Ion: 50 Resp: 69458
Ion Ratio Lower Upper
50 100
52 31.7 25.2 37.8

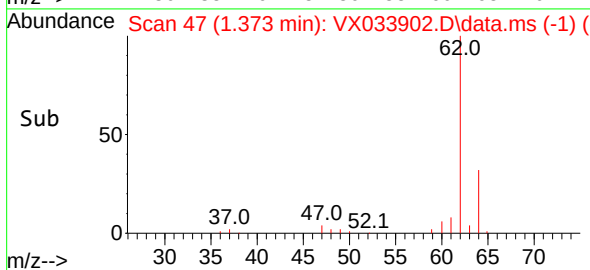
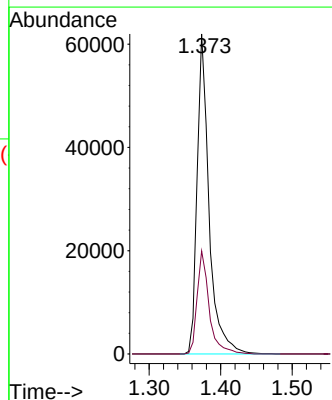
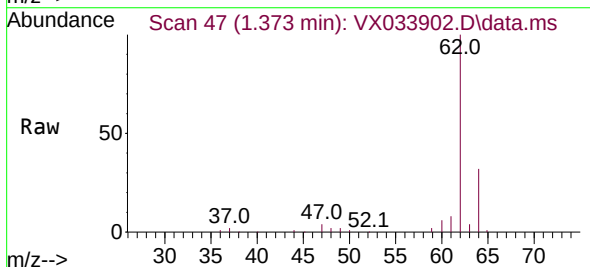
Manual Integrations
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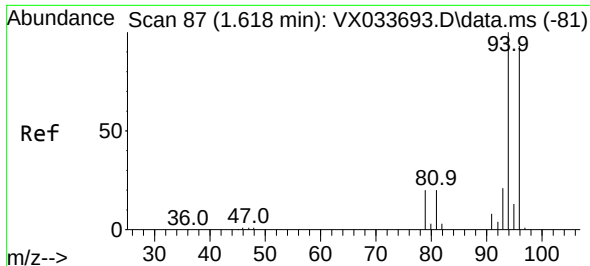
Reviewed By :John Carlone 01/27/2023
Supervised By :Semsettin Yesilyurt 01/27/2023



#4
Vinyl Chloride
Concen: 50.594 ug/l
RT: 1.373 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX033902.D
Acq: 26 Jan 2023 11:36

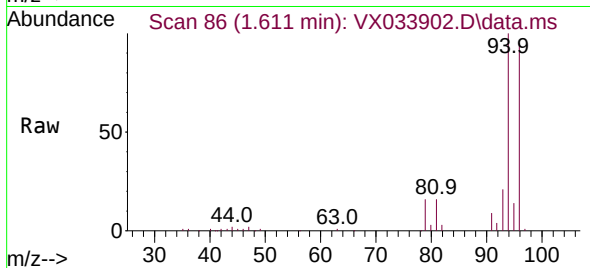
Tgt Ion: 62 Resp: 71816
Ion Ratio Lower Upper
62 100
64 32.2 26.2 39.4





#5
Bromomethane
Concen: 42.334 ug/l
RT: 1.611 min Scan# 80
Delta R.T. -0.006 min
Lab File: VX033902.D
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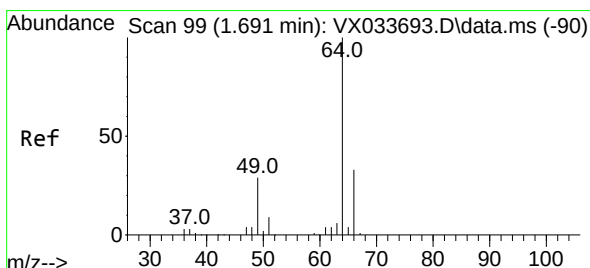
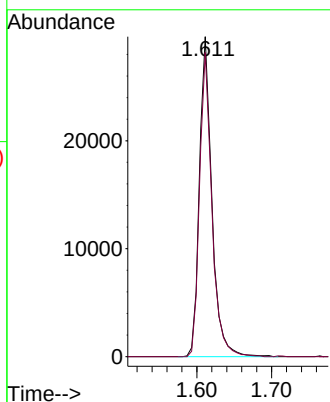
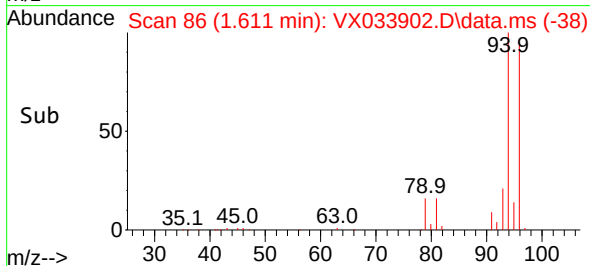
Instrument :
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Tgt Ion: 94 Resp: 34520
Ion Ratio Lower Upper
94 100
96 95.1 74.3 111.5

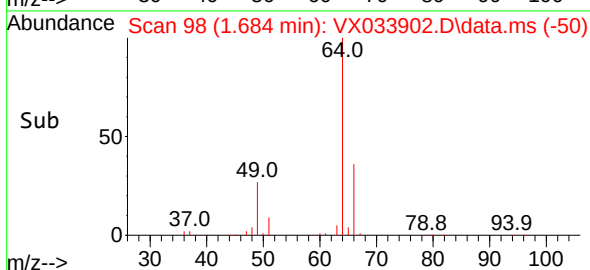
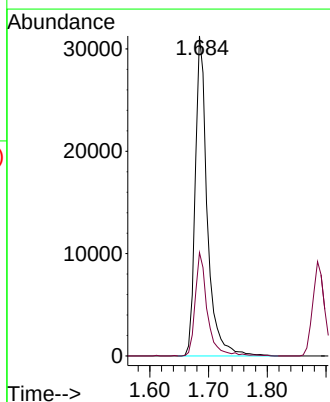
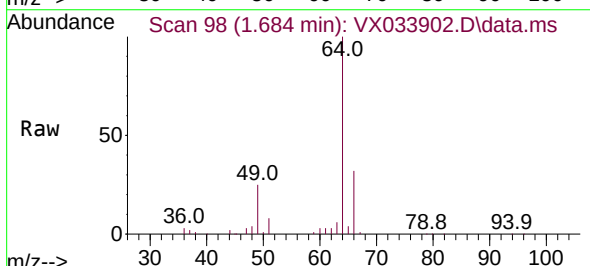
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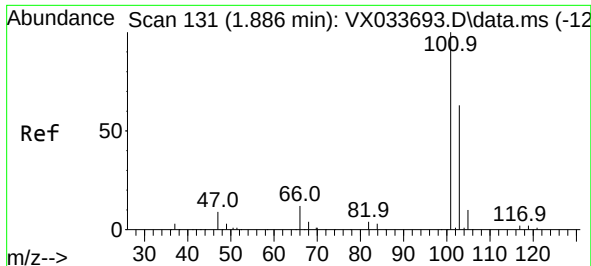
Reviewed By :John Carlone 01/27/2023
Supervised By :Semsettin Yesilyurt 01/27/2023



#6
Chloroethane
Concen: 50.785 ug/l
RT: 1.684 min Scan# 98
Delta R.T. -0.006 min
Lab File: VX033902.D
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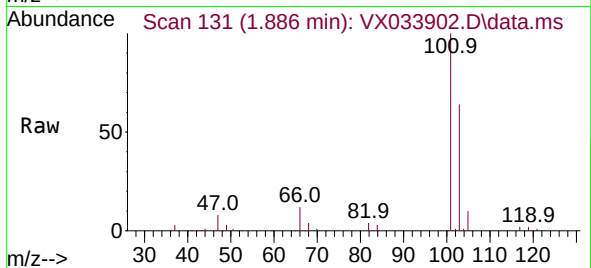
Tgt Ion: 64 Resp: 44567
Ion Ratio Lower Upper
64 100
66 32.3 26.1 39.1





#7
Trichlorofluoromethane
Concen: 49.128 ug/l
RT: 1.886 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX033902.D
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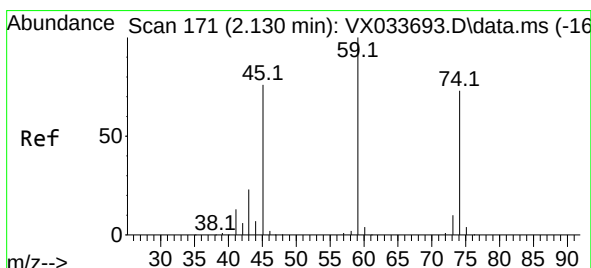
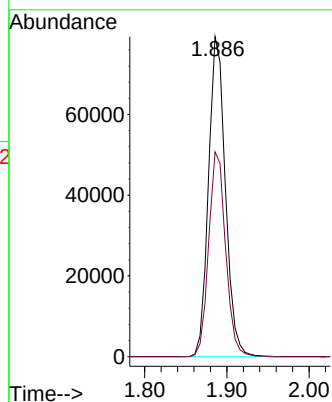
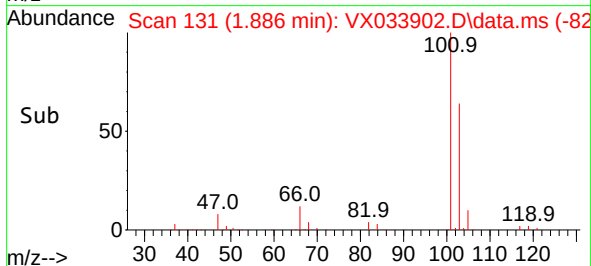
Instrument :
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ClientSampleId :
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Tgt Ion:101 Resp: 113089
Ion Ratio Lower Upper
101 100
103 64.0 50.6 75.8

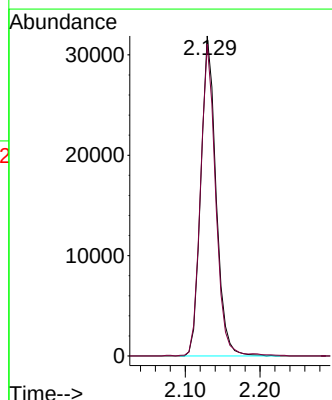
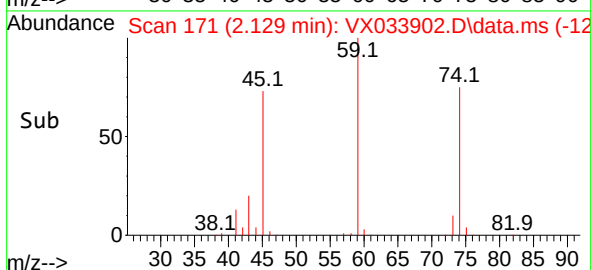
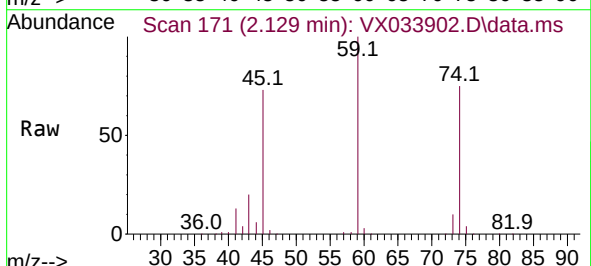
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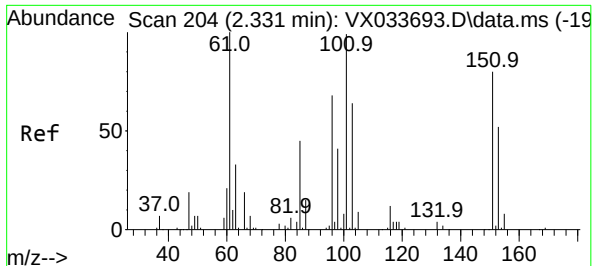
Reviewed By :John Carlone 01/27/2023
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#8
Diethyl Ether
Concen: 59.681 ug/l
RT: 2.129 min Scan# 171
Delta R.T. -0.000 min
Lab File: VX033902.D
Acq: 26 Jan 2023 11:36

Tgt Ion: 74 Resp: 44983
Ion Ratio Lower Upper
74 100
45 97.4 51.5 154.5





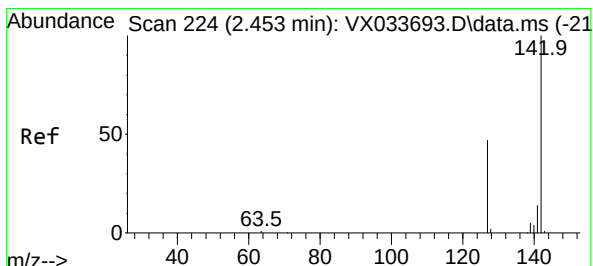
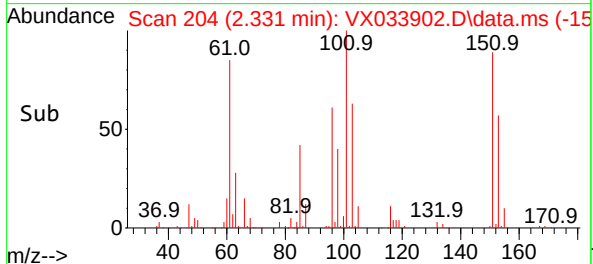
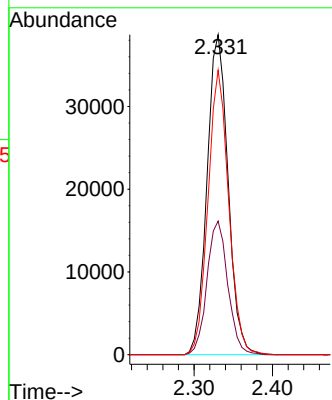
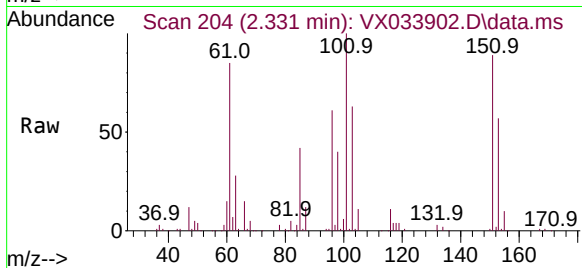
#9
1,1,2-Trichlorotrifluoroethane
Concen: 54.264 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX033902.D
Acq: 26 Jan 2023 11:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 72069
Ion Ratio Lower Upper
101 100
85 41.4 36.7 55.1
151 87.4 66.5 99.7

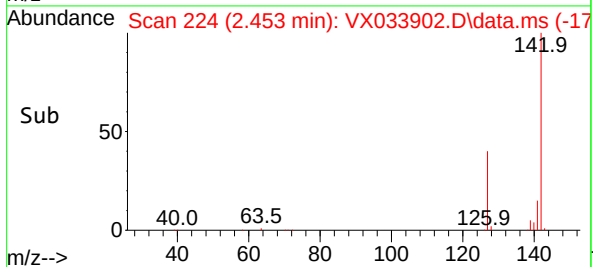
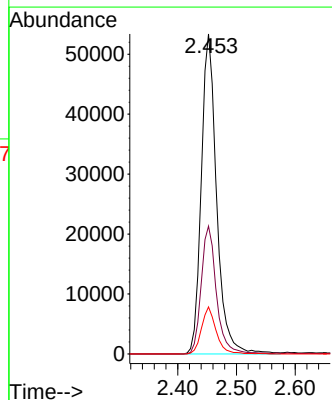
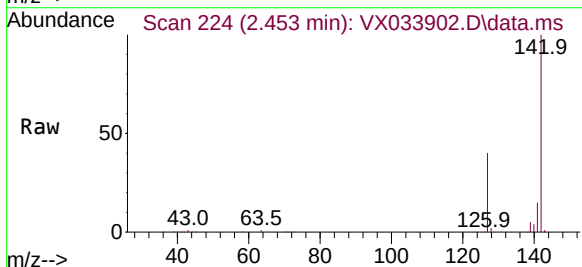
Manual Integrations
APPROVED

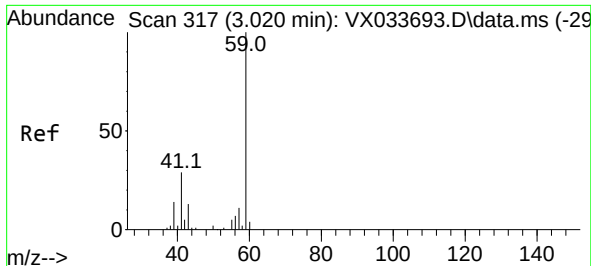
Reviewed By :John Carlone 01/27/2023
Supervised By :Semsettin Yesilyurt 01/27/2023



#10
Methyl Iodide
Concen: 52.006 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX033902.D
Acq: 26 Jan 2023 11:36

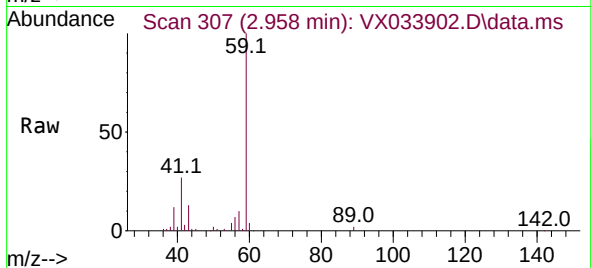
Tgt Ion:142 Resp: 96792
Ion Ratio Lower Upper
142 100
127 39.6 37.3 55.9
141 14.0 11.5 17.3





#11
Tert butyl alcohol
Concen: 218.591 ug/l
RT: 2.958 min Scan# 307
Delta R.T. -0.061 min
Lab File: VX033902.D
Acq: 26 Jan 2023 11:36

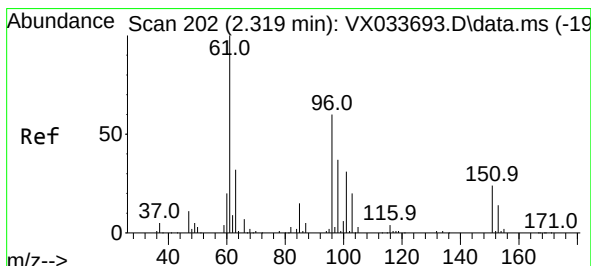
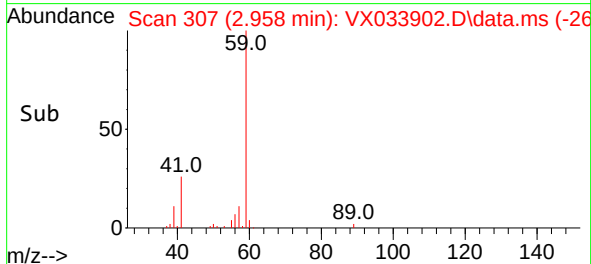
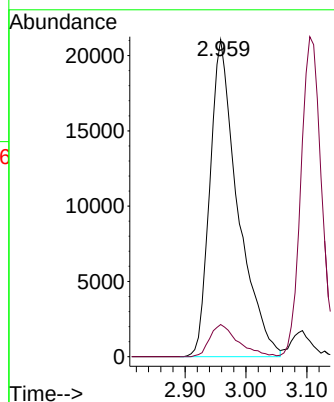
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 59 Resp: 6699
Ion Ratio Lower Upper
59 100
57 10.3 3.7 5.5

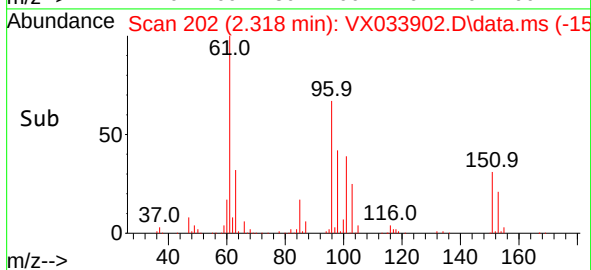
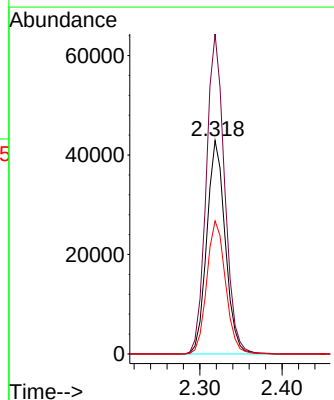
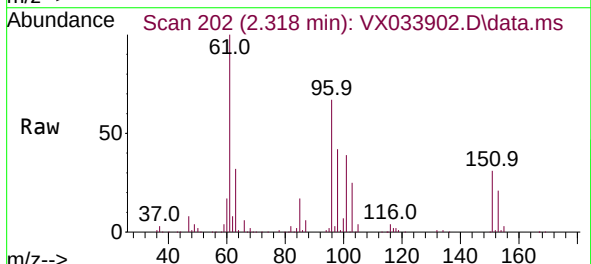
Manual Integrations
APPROVED

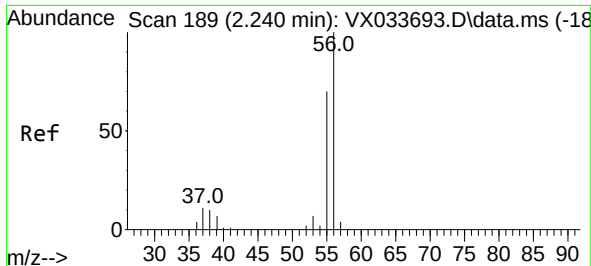
Reviewed By :John Carlone 01/27/2023
Supervised By :Semsettin Yesilyurt 01/27/2023



#12
1,1-Dichloroethene
Concen: 49.023 ug/l
RT: 2.318 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX033902.D
Acq: 26 Jan 2023 11:36

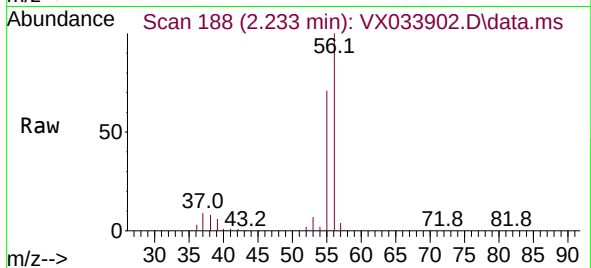
Tgt Ion: 96 Resp: 66838
Ion Ratio Lower Upper
96 100
61 149.9 134.2 201.4
98 62.4 50.2 75.2





#13
Acrolein
Concen: 318.704 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX033902.D
Acq: 26 Jan 2023 11:36

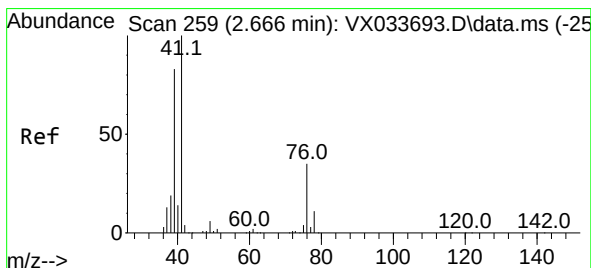
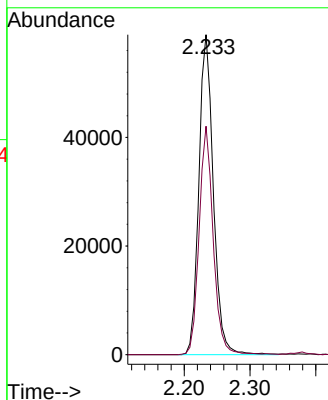
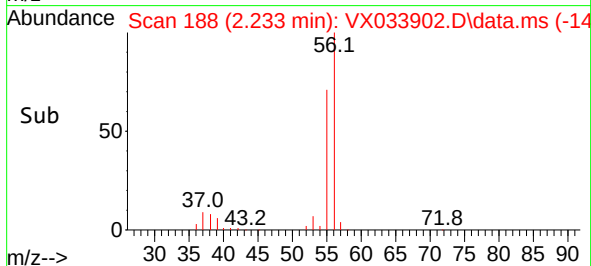
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 90124
Ion Ratio Lower Upper
56 100
55 69.4 56.3 84.5

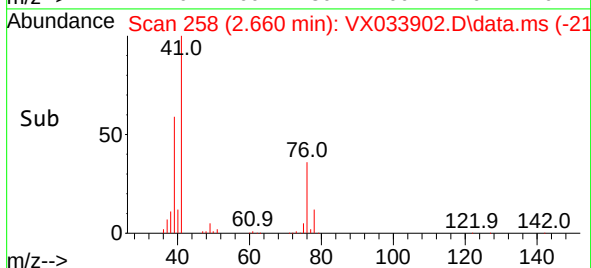
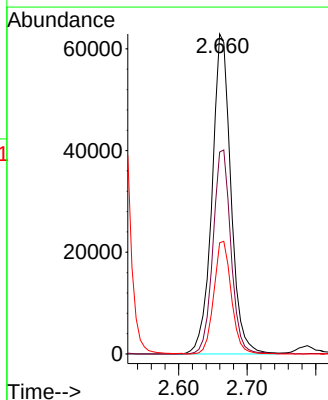
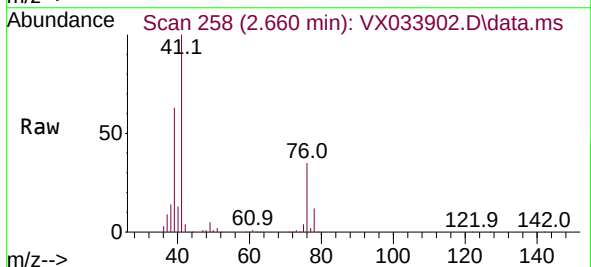
Manual Integrations
APPROVED

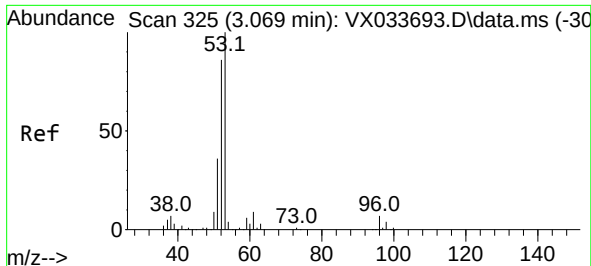
Reviewed By :John Carlone 01/27/2023
Supervised By :Semsettin Yesilyurt 01/27/2023



#14
Allyl chloride
Concen: 46.835 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX033902.D
Acq: 26 Jan 2023 11:36

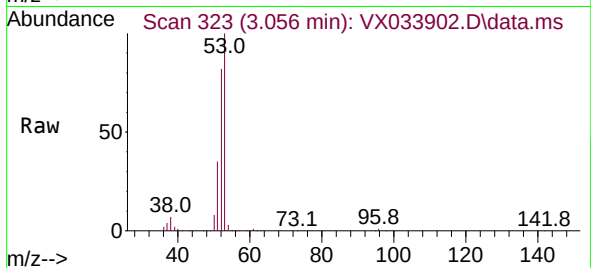
Tgt Ion: 41 Resp: 120439
Ion Ratio Lower Upper
41 100
39 60.7 59.0 88.4
76 32.7 24.6 37.0





#15
Acrylonitrile
Concen: 242.197 ug/l
RT: 3.056 min Scan# 31
Delta R.T. -0.013 min
Lab File: VX033902.D
Acq: 26 Jan 2023 11:36

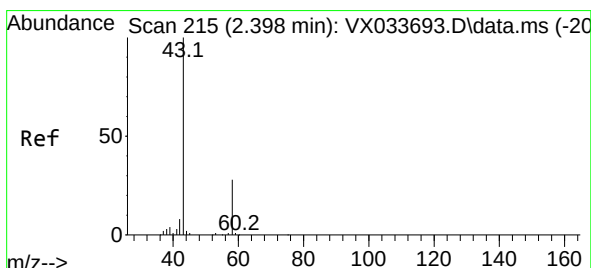
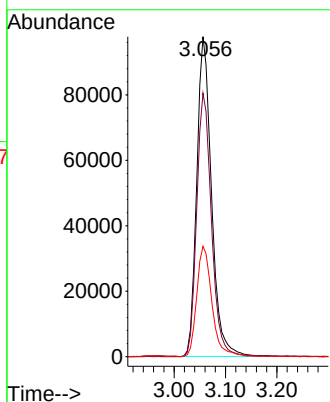
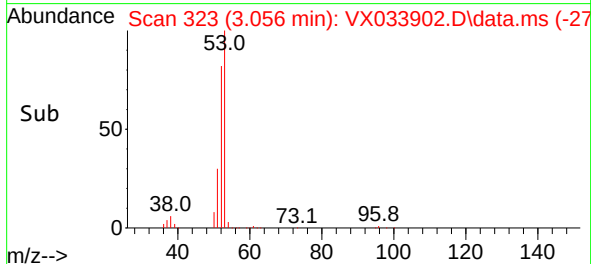
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 19535
Ion Ratio Lower Upper
53 100
52 82.7 65.7 98.5
51 35.3 29.0 43.4

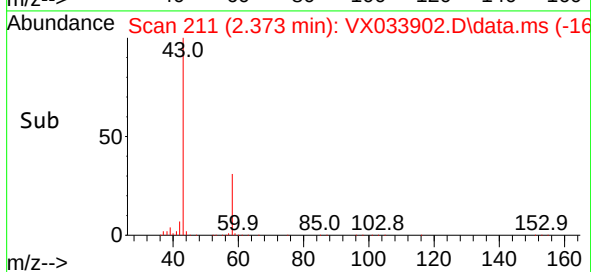
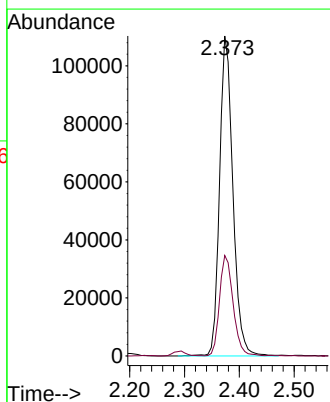
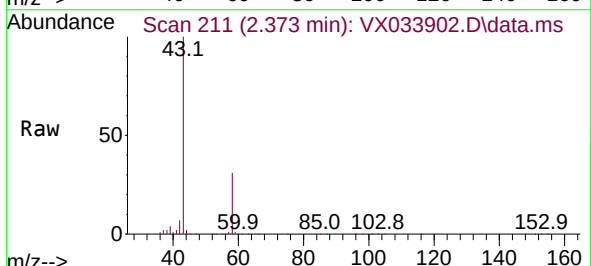
Manual Integrations
APPROVED

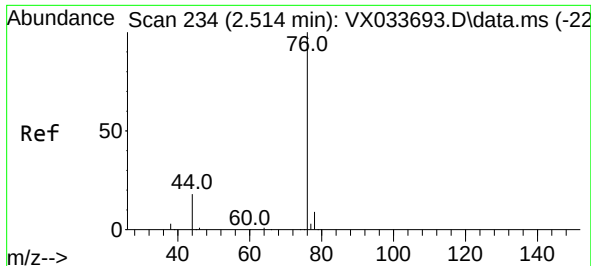
Reviewed By :John Carlone 01/27/2023
Supervised By :Semsettin Yesilyurt 01/27/2023



#16
Acetone
Concen: 293.321 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.025 min
Lab File: VX033902.D
Acq: 26 Jan 2023 11:36

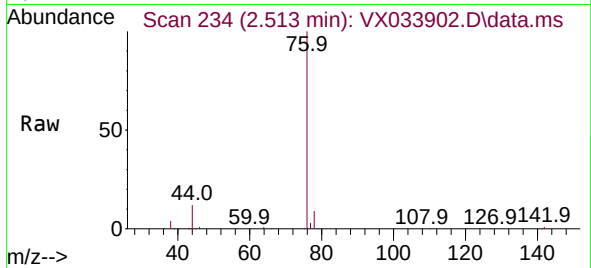
Tgt Ion: 43 Resp: 186690
Ion Ratio Lower Upper
43 100
58 31.3 22.6 33.8





#17
Carbon Disulfide
Concen: 43.968 ug/l
RT: 2.513 min Scan# 21
Delta R.T. -0.001 min
Lab File: VX033902.D
Acq: 26 Jan 2023 11:36

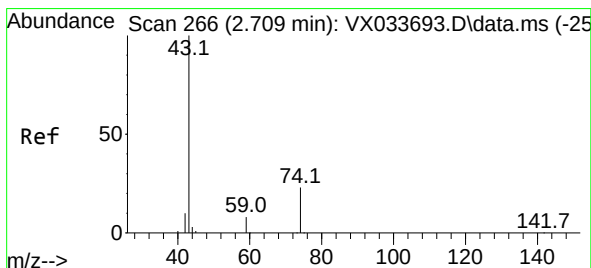
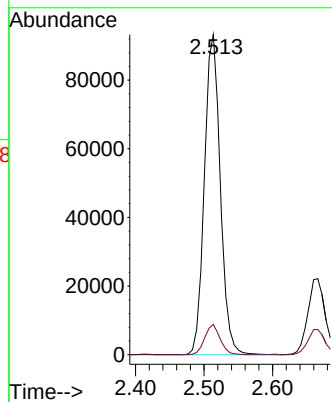
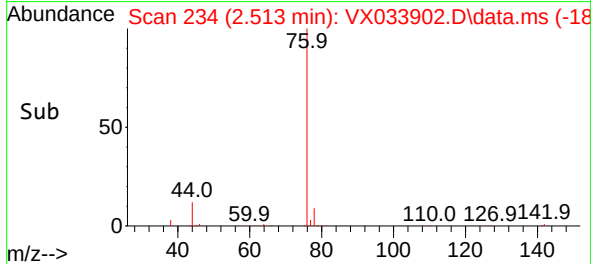
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 150923
Ion Ratio Lower Upper
76 100
78 9.4 7.0 10.6

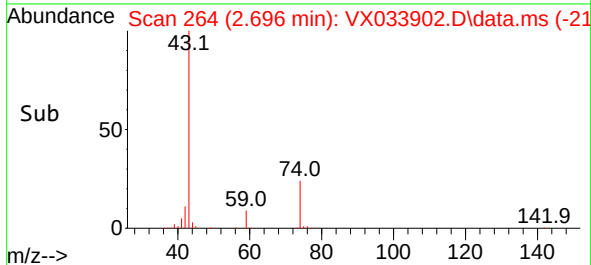
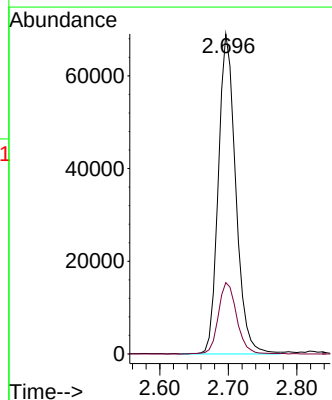
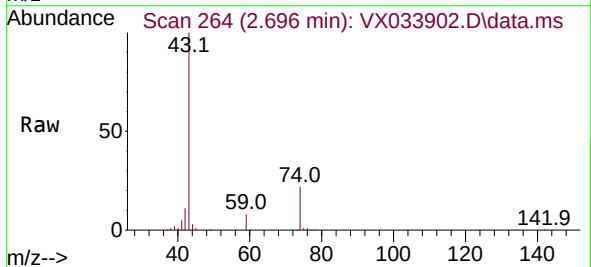
Manual Integrations
APPROVED

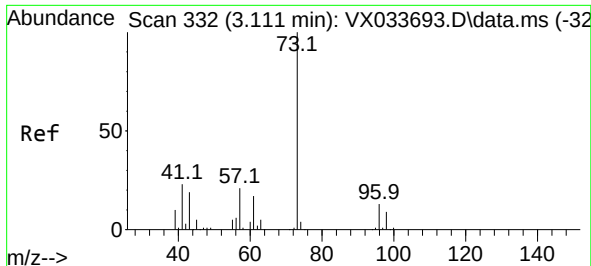
Reviewed By :John Carlone 01/27/2023
Supervised By :Semsettin Yesilyurt 01/27/2023



#18
Methyl Acetate
Concen: 49.448 ug/l
RT: 2.696 min Scan# 264
Delta R.T. -0.013 min
Lab File: VX033902.D
Acq: 26 Jan 2023 11:36

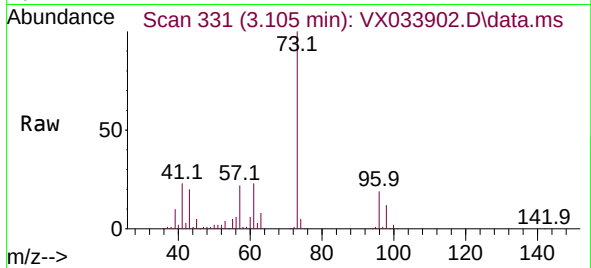
Tgt Ion: 43 Resp: 121750
Ion Ratio Lower Upper
43 100
74 23.6 18.2 27.4





#19
Methyl tert-butyl Ether
Concen: 47.380 ug/l
RT: 3.105 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX033902.D
Acq: 26 Jan 2023 11:36

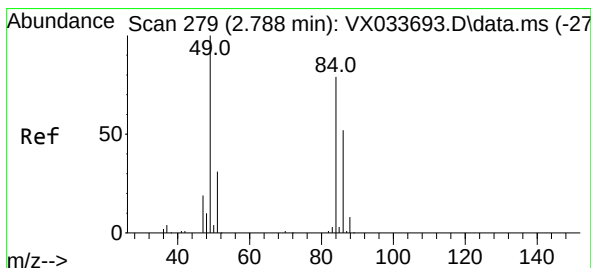
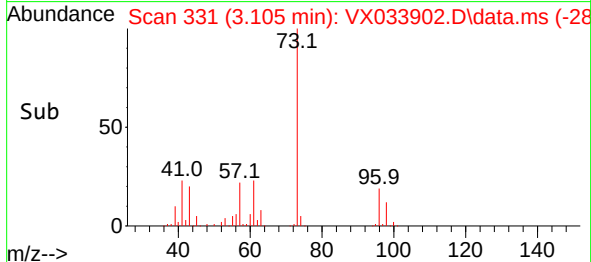
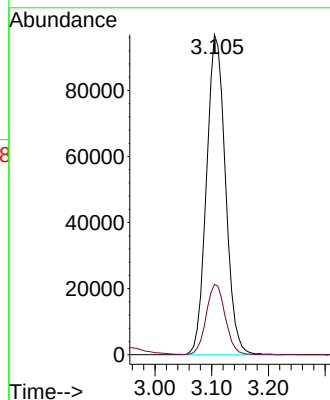
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 224359
Ion Ratio Lower Upper
73 100
57 21.9 17.4 26.0

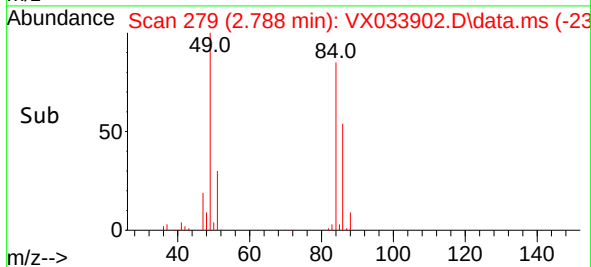
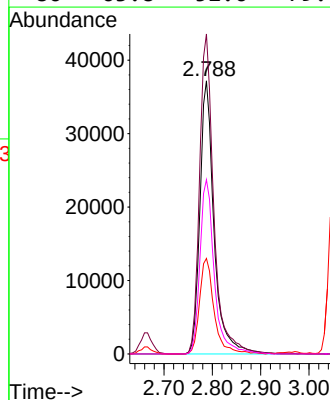
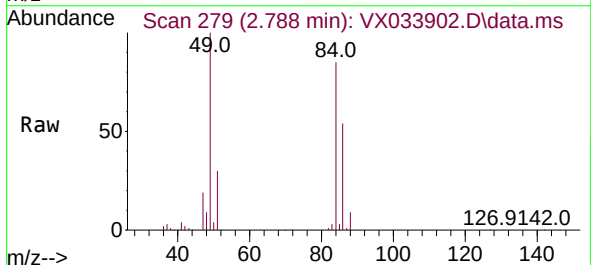
Manual Integrations
APPROVED

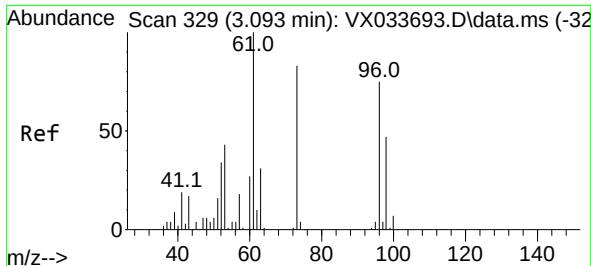
Reviewed By :John Carlone 01/27/2023
Supervised By :Semsettin Yesilyurt 01/27/2023



#20
Methylene Chloride
Concen: 49.174 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX033902.D
Acq: 26 Jan 2023 11:36

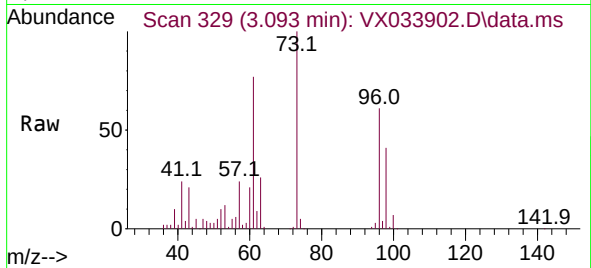
Tgt Ion: 84 Resp: 75497
Ion Ratio Lower Upper
84 100
49 117.2 101.1 151.7
51 35.0 31.0 46.6
86 63.8 52.6 79.0





#21
trans-1,2-Dichloroethene
Concen: 45.485 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX033902.D
Acq: 26 Jan 2023 11:36

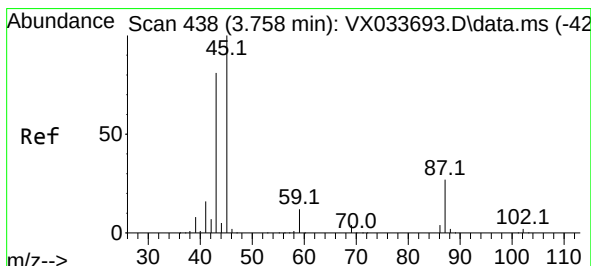
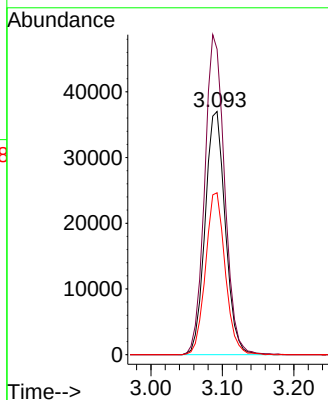
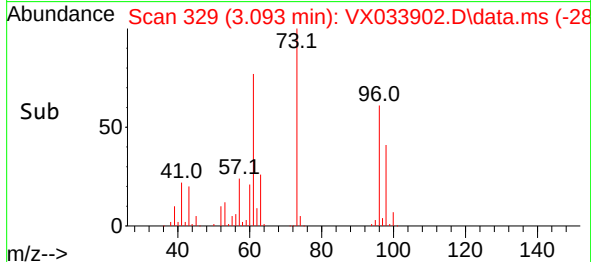
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



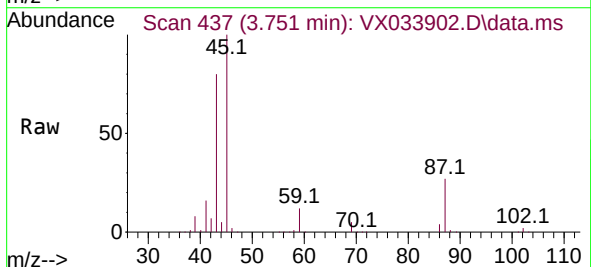
Tgt Ion: 96 Resp: 7249
Ion Ratio Lower Upper
96 100
61 125.5 106.7 160.1
98 66.6 50.0 75.0

Manual Integrations
APPROVED

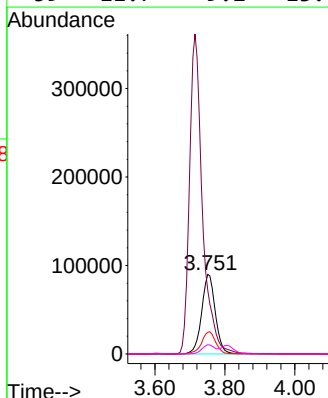
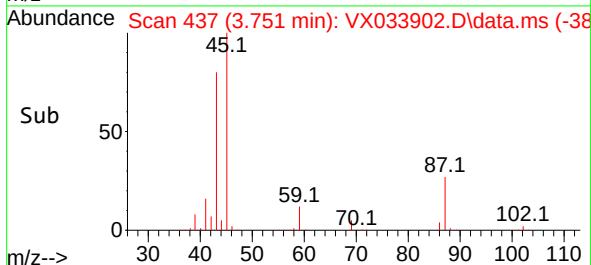
Reviewed By :John Carlone 01/27/2023
Supervised By :Semsettin Yesilyurt 01/27/2023

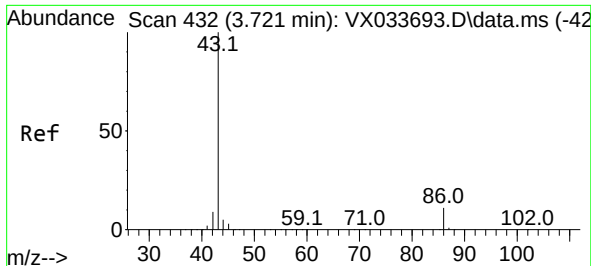


#22
Diisopropyl ether
Concen: 47.013 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.006 min
Lab File: VX033902.D
Acq: 26 Jan 2023 11:36



Tgt Ion: 45 Resp: 243243
Ion Ratio Lower Upper
45 100
43 79.7 64.6 97.0
87 27.3 21.9 32.9
59 11.7 9.2 13.8





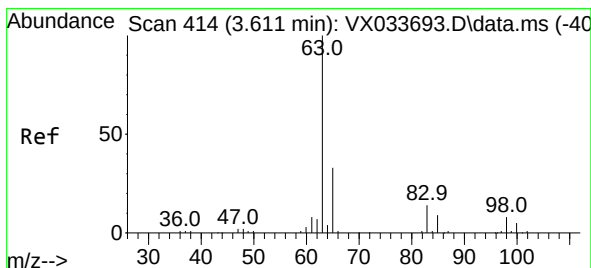
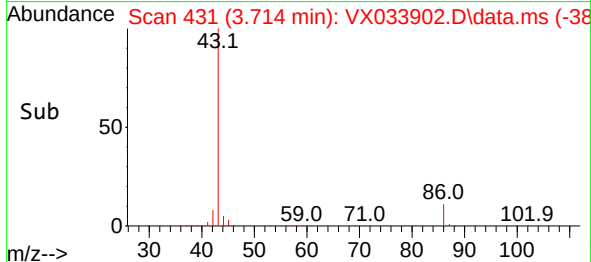
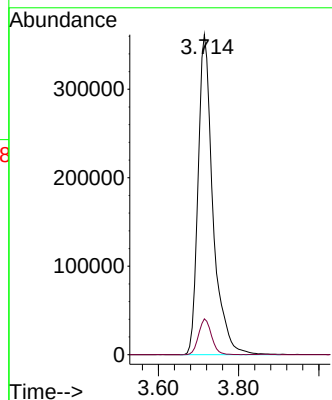
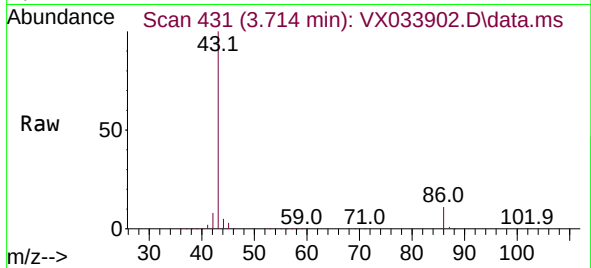
#23
 Vinyl Acetate
 Concen: 238.926 ug/l
 RT: 3.714 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VX033902.D
 Acq: 26 Jan 2023 11:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 93059
 Ion Ratio Lower Upper
 43 100
 86 11.2 8.4 12.6

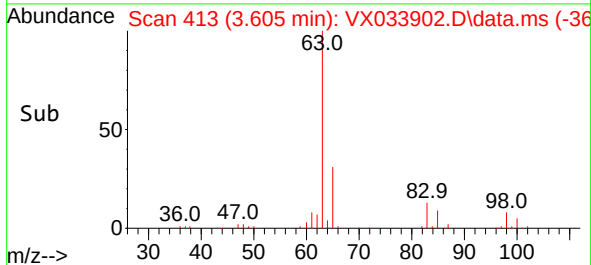
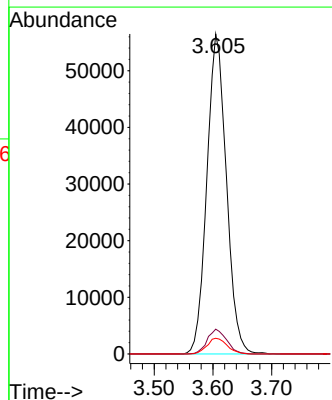
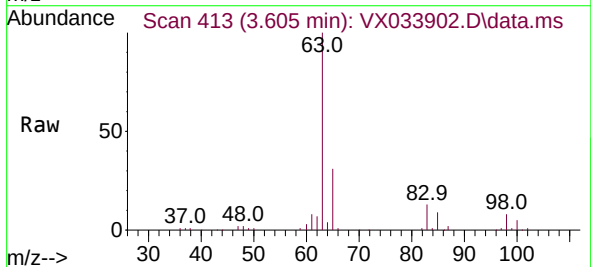
Manual Integrations
 APPROVED

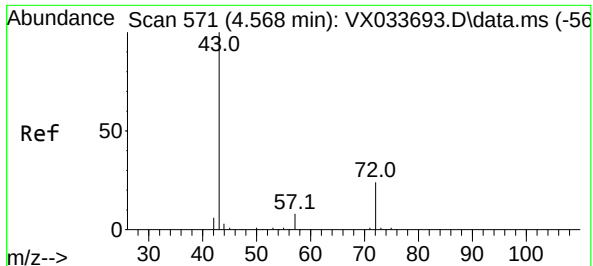
Reviewed By :John Carlone 01/27/2023
 Supervised By :Semsettin Yesilyurt 01/27/2023



#24
 1,1-Dichloroethane
 Concen: 46.069 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX033902.D
 Acq: 26 Jan 2023 11:36

Tgt Ion: 63 Resp: 130408
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.8 11.2
 100 4.9 2.4 7.2





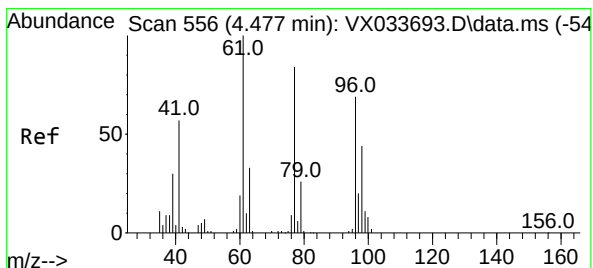
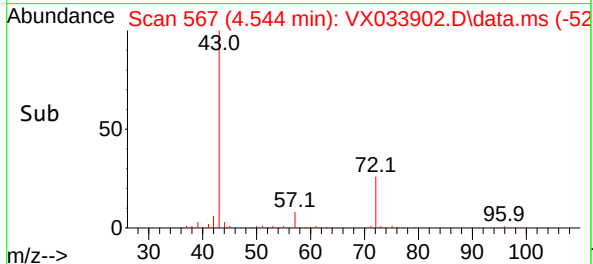
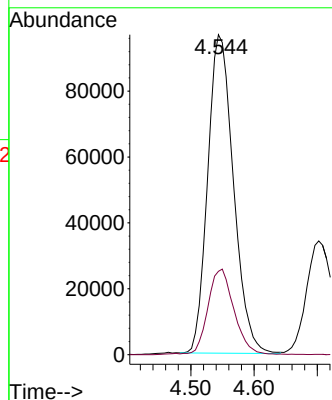
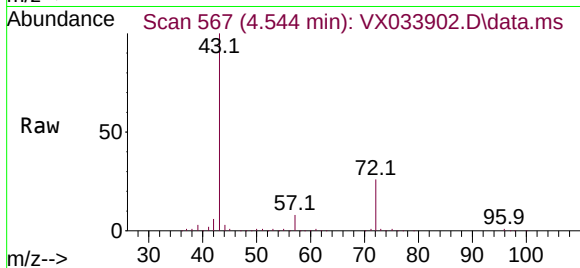
#25
2-Butanone
Concen: 237.284 ug/l
RT: 4.544 min Scan# 50
Delta R.T. -0.025 min
Lab File: VX033902.D
Acq: 26 Jan 2023 11:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 273528
Ion Ratio Lower Upper
43 100
72 26.0 19.4 29.2

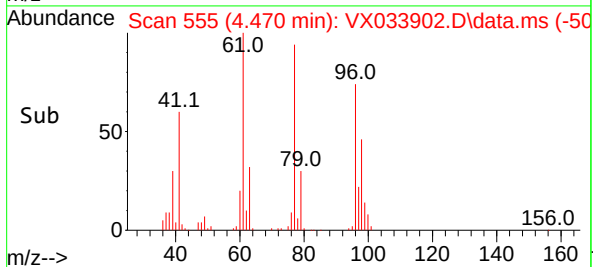
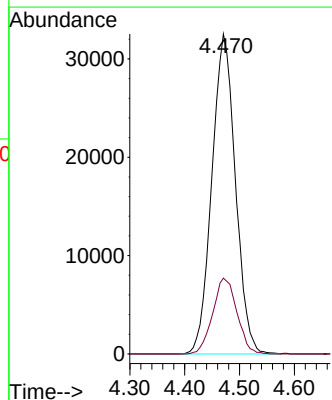
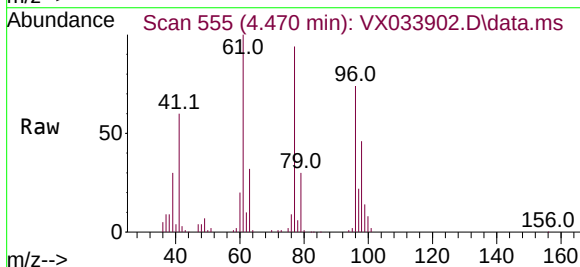
Manual Integrations
APPROVED

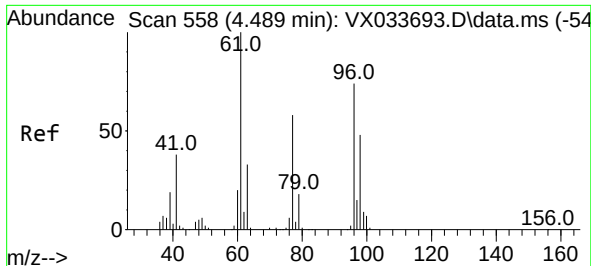
Reviewed By :John Carlone 01/27/2023
Supervised By :Semsettin Yesilyurt 01/27/2023



#26
2,2-Dichloropropane
Concen: 47.911 ug/l
RT: 4.470 min Scan# 555
Delta R.T. -0.006 min
Lab File: VX033902.D
Acq: 26 Jan 2023 11:36

Tgt Ion: 77 Resp: 97147
Ion Ratio Lower Upper
77 100
97 24.4 11.9 35.5





#27

cis-1,2-Dichloroethene

Concen: 47.471 ug/l

RT: 4.483 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX033902.D

Acq: 26 Jan 2023 11:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 8698

Ion Ratio Lower Upper

96 100

61 134.0 0.0 277.6

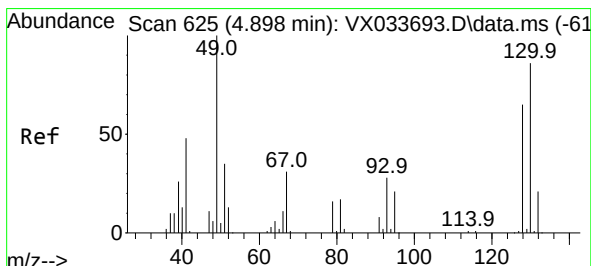
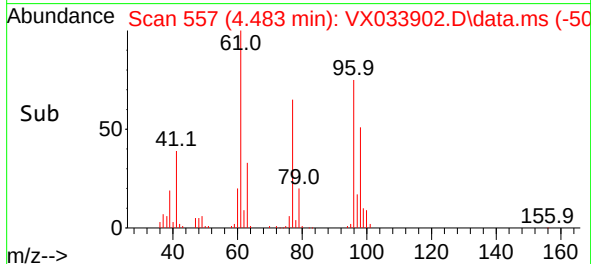
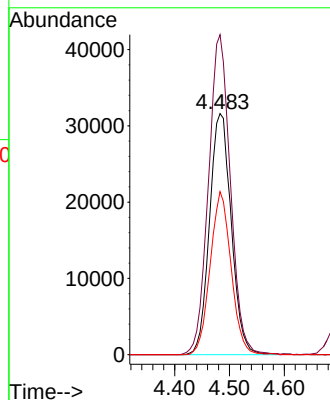
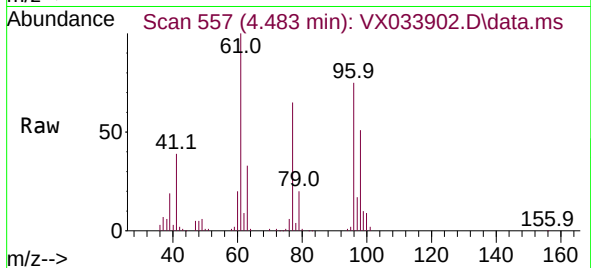
98 64.9 0.0 128.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/27/2023

Supervised By :Semsettin Yesilyurt 01/27/2023



#28

Bromochloromethane

Concen: 44.658 ug/l

RT: 4.891 min Scan# 624

Delta R.T. -0.006 min

Lab File: VX033902.D

Acq: 26 Jan 2023 11:36

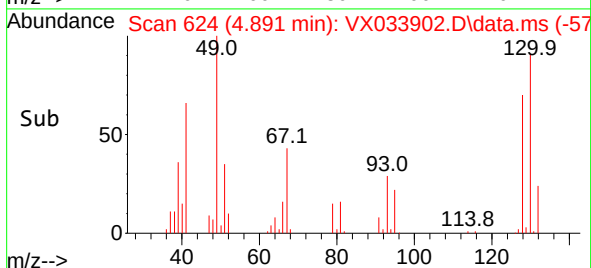
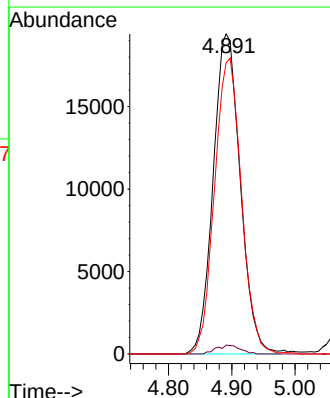
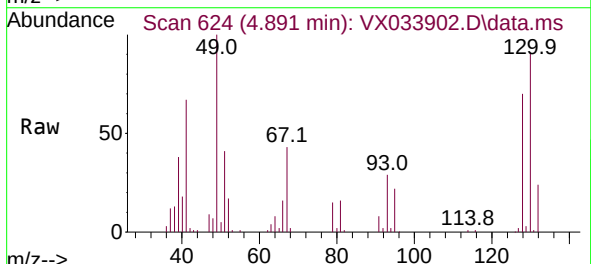
Tgt Ion: 49 Resp: 57582

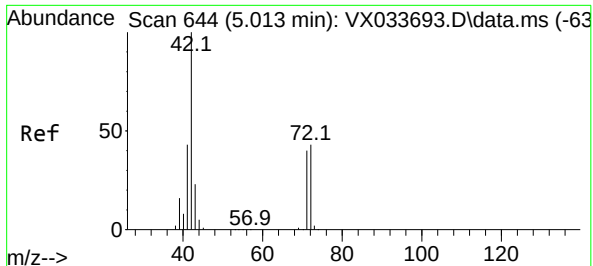
Ion Ratio Lower Upper

49 100

129 2.4 0.0 4.6

130 91.7 68.5 102.7





#29

Tetrahydrofuran

Concen: 235.579 ug/l

RT: 4.995 min Scan# 644

Delta R.T. -0.019 min

Lab File: VX033902.D

Acq: 26 Jan 2023 11:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 171156

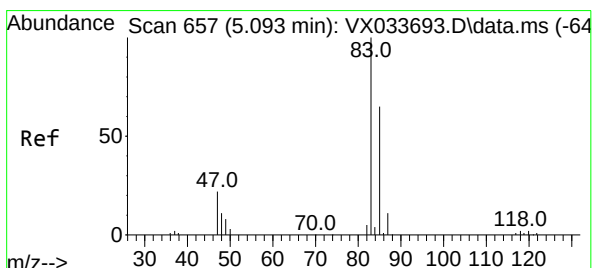
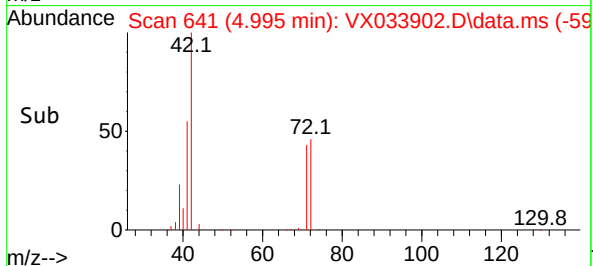
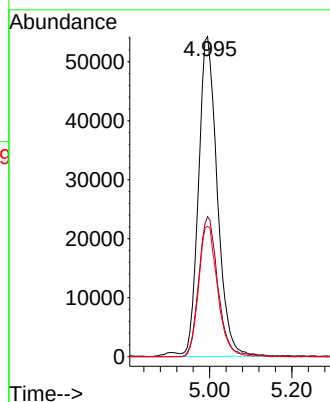
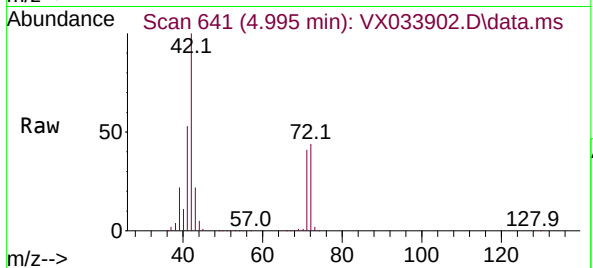
Ion	Ratio	Lower	Upper
42	100		
72	44.9	34.8	52.2
71	41.3	32.2	48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/27/2023

Supervised By :Semsettin Yesilyurt 01/27/2023



#30

Chloroform

Concen: 47.090 ug/l

RT: 5.086 min Scan# 656

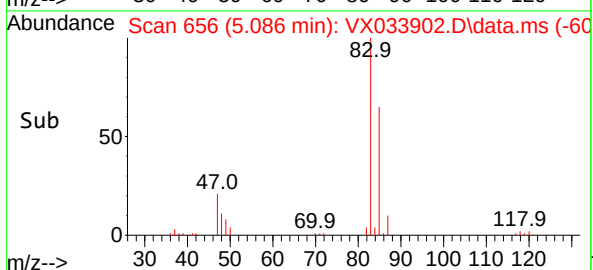
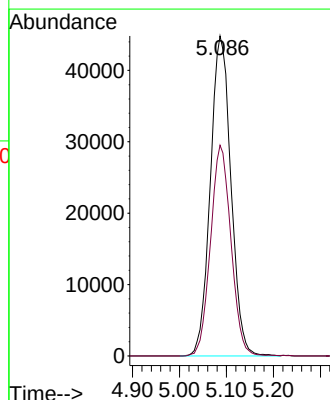
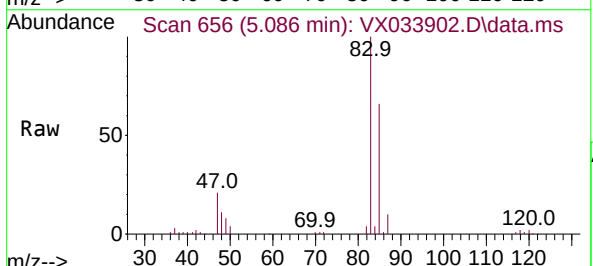
Delta R.T. -0.006 min

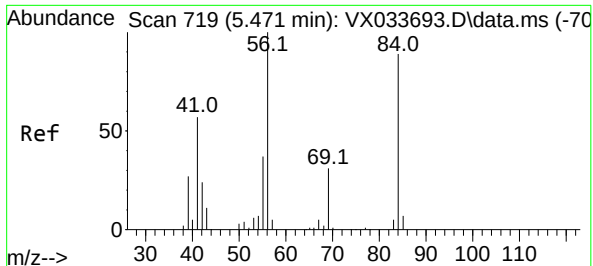
Lab File: VX033902.D

Acq: 26 Jan 2023 11:36

Tgt Ion: 83 Resp: 136525

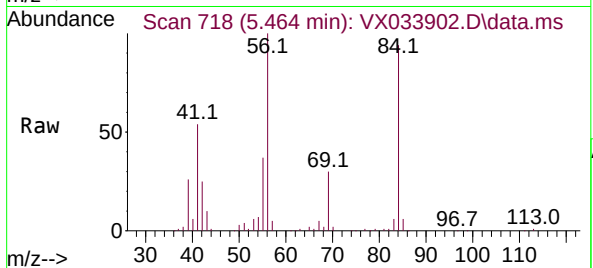
Ion	Ratio	Lower	Upper
83	100		
85	65.9	52.1	78.1





#31
Cyclohexane
Concen: 44.353 ug/l
RT: 5.464 min Scan# 719
Delta R.T. -0.006 min
Lab File: VX033902.D
Acq: 26 Jan 2023 11:36

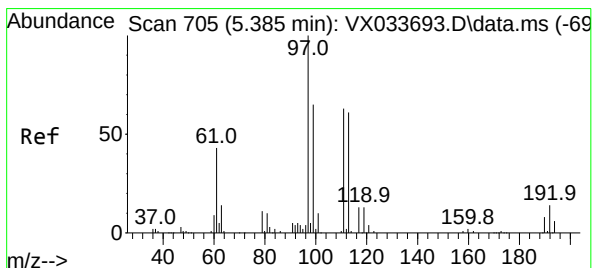
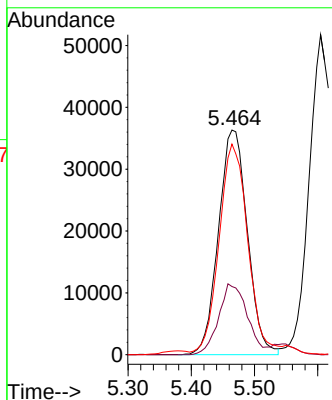
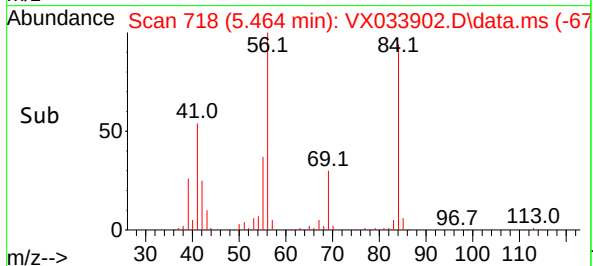
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 115140
Ion Ratio Lower Upper
56 100
69 30.0 24.6 37.0
84 92.0 71.0 106.6

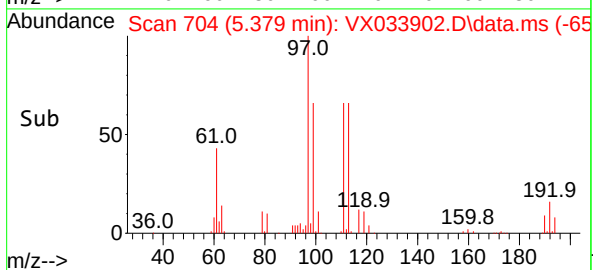
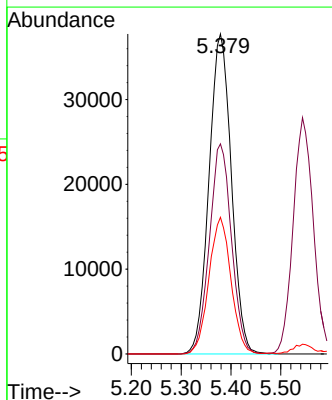
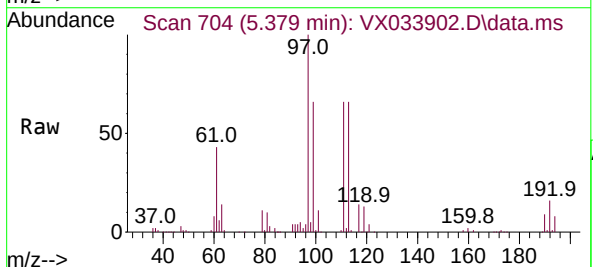
Manual Integrations
APPROVED

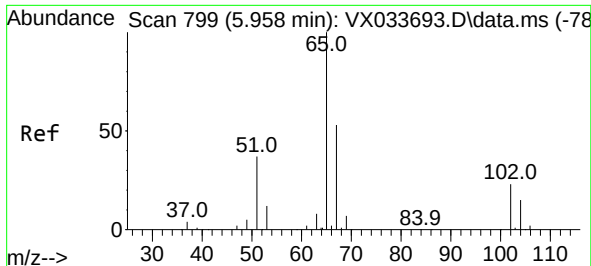
Reviewed By :John Carlone 01/27/2023
Supervised By :Semsettin Yesilyurt 01/27/2023



#32
1,1,1-Trichloroethane
Concen: 47.409 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX033902.D
Acq: 26 Jan 2023 11:36

Tgt Ion: 97 Resp: 117356
Ion Ratio Lower Upper
97 100
99 64.8 52.3 78.5
61 42.3 35.2 52.8





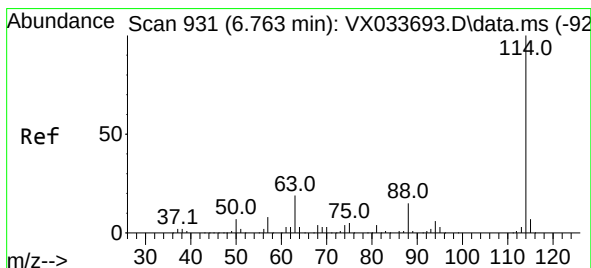
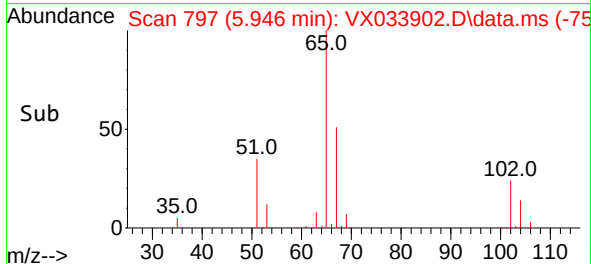
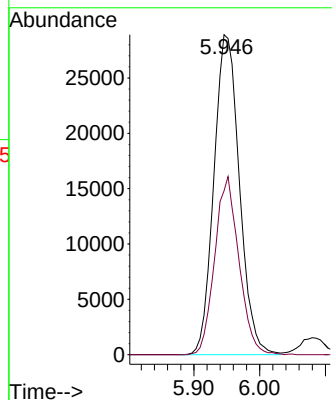
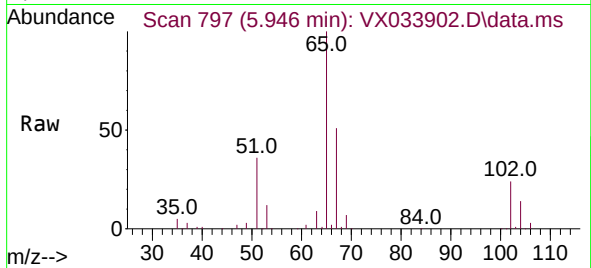
#33
1,2-Dichloroethane-d4
Concen: 44.268 ug/l
RT: 5.946 min Scan# 799
Delta R.T. -0.013 min
Lab File: VX033902.D
Acq: 26 Jan 2023 11:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 65 Resp: 7810
Ion Ratio Lower Upper
65 100
67 52.6 0.0 104.8

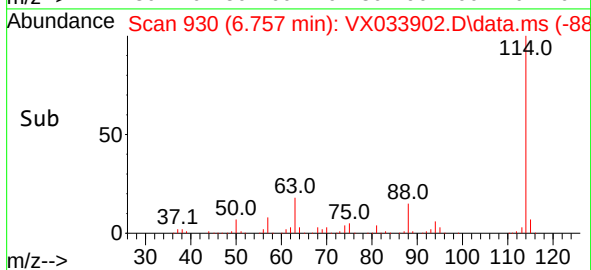
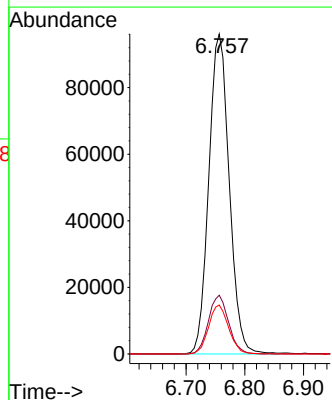
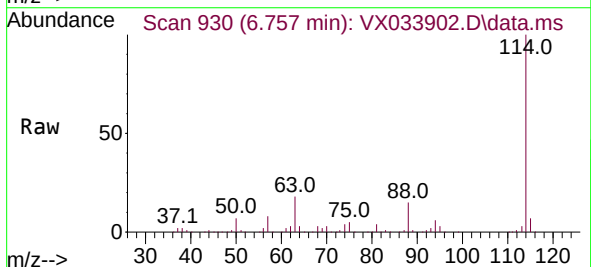
Manual Integrations
APPROVED

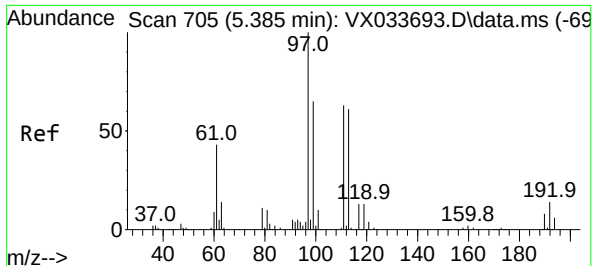
Reviewed By :John Carlone 01/27/2023
Supervised By :Semsettin Yesilyurt 01/27/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.006 min
Lab File: VX033902.D
Acq: 26 Jan 2023 11:36

Tgt Ion:114 Resp: 231797
Ion Ratio Lower Upper
114 100
63 18.3 0.0 37.4
88 15.3 0.0 30.6





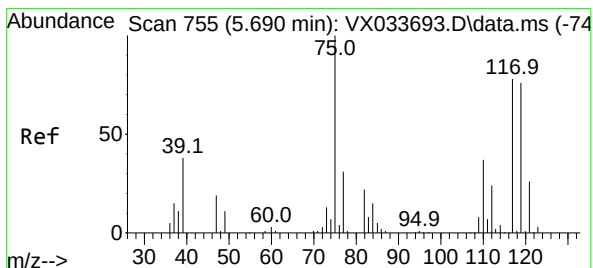
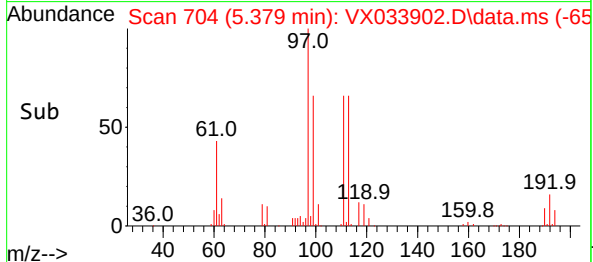
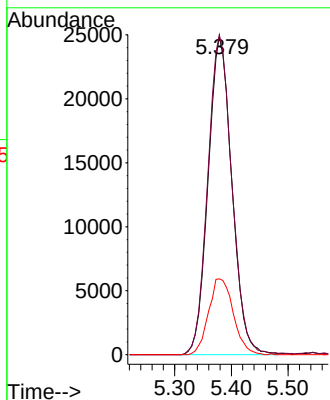
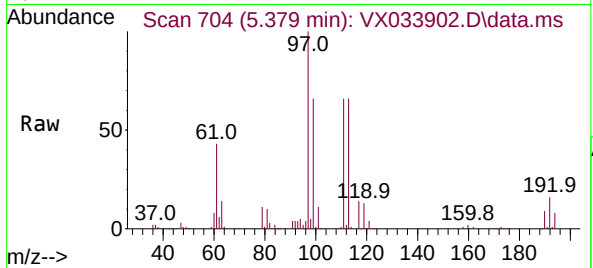
#35
Dibromofluoromethane
Concen: 50.263 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX033902.D
Acq: 26 Jan 2023 11:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:113 Resp: 72345
Ion Ratio Lower Upper
113 100
111 102.1 83.0 124.6
192 24.8 19.0 28.4

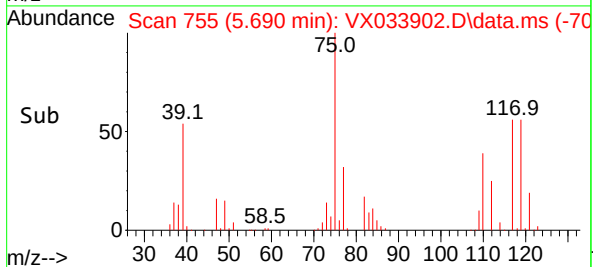
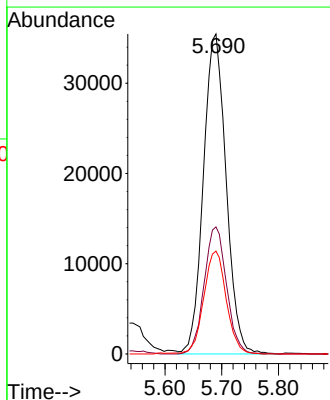
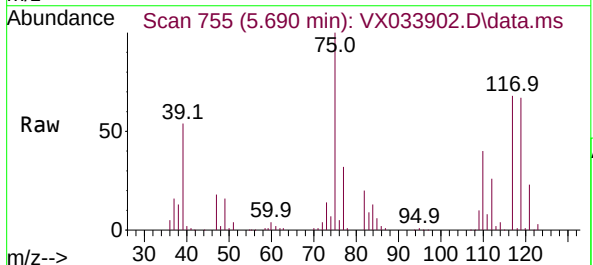
Manual Integrations
APPROVED

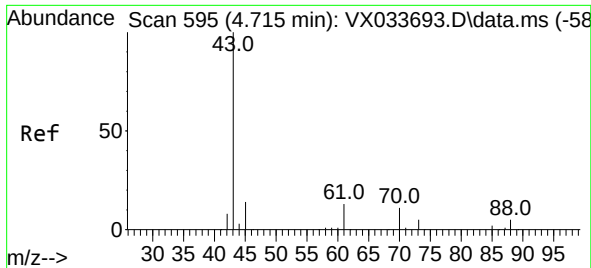
Reviewed By :John Carlone 01/27/2023
Supervised By :Semsettin Yesilyurt 01/27/2023



#36
1,1-Dichloropropene
Concen: 47.127 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.000 min
Lab File: VX033902.D
Acq: 26 Jan 2023 11:36

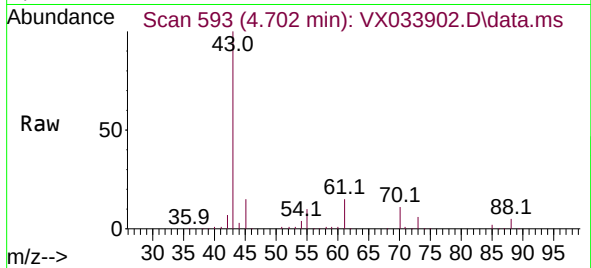
Tgt Ion: 75 Resp: 98998
Ion Ratio Lower Upper
75 100
110 39.0 18.8 56.4
77 31.8 25.1 37.7





#37
Ethyl Acetate
Concen: 51.224 ug/l
RT: 4.702 min Scan# 593
Delta R.T. -0.013 min
Lab File: VX033902.D
Acq: 26 Jan 2023 11:36

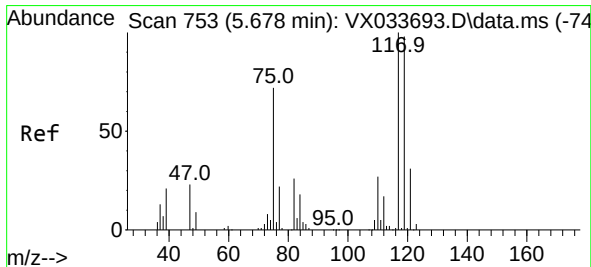
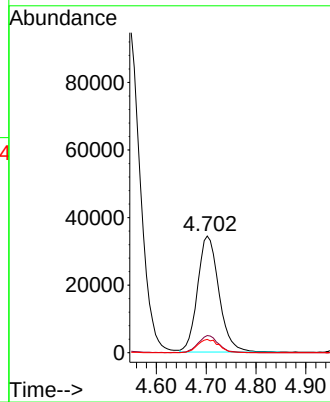
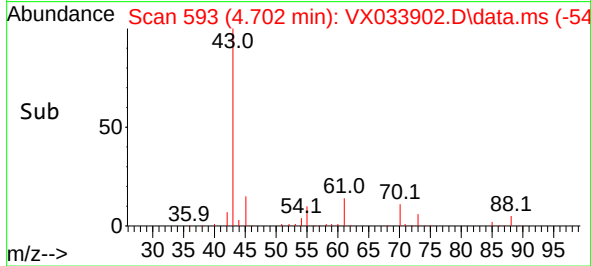
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 102532
Ion Ratio Lower Upper
43 100
61 14.1 11.1 16.7
70 11.4 8.5 12.7

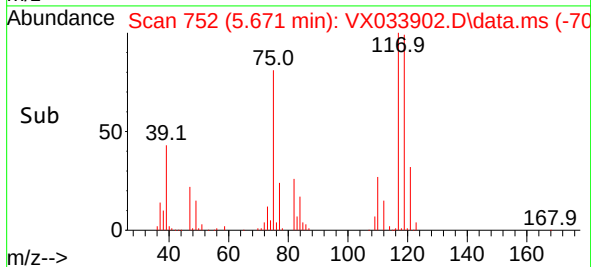
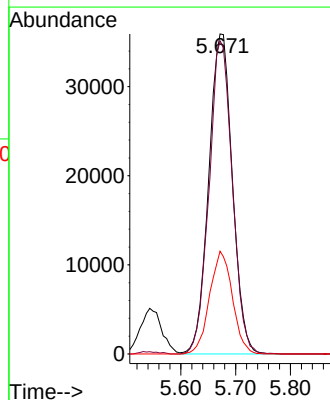
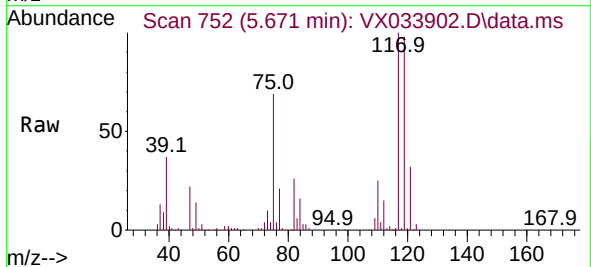
Manual Integrations
APPROVED

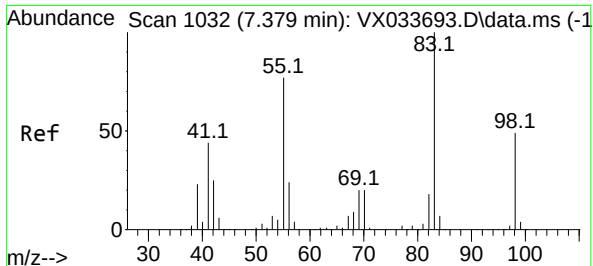
Reviewed By :John Carlone 01/27/2023
Supervised By :Semsettin Yesilyurt 01/27/2023



#38
Carbon Tetrachloride
Concen: 49.433 ug/l
RT: 5.671 min Scan# 752
Delta R.T. -0.006 min
Lab File: VX033902.D
Acq: 26 Jan 2023 11:36

Tgt Ion:117 Resp: 107549
Ion Ratio Lower Upper
117 100
119 97.8 78.0 117.0
121 32.1 24.4 36.6





#39

Methylcyclohexane

Concen: 48.561 ug/l

RT: 7.378 min Scan# 1032

Delta R.T. -0.000 min

Lab File: VX033902.D

Acq: 26 Jan 2023 11:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 12597

Ion Ratio Lower Upper

83 100

55 75.3 61.8 92.6

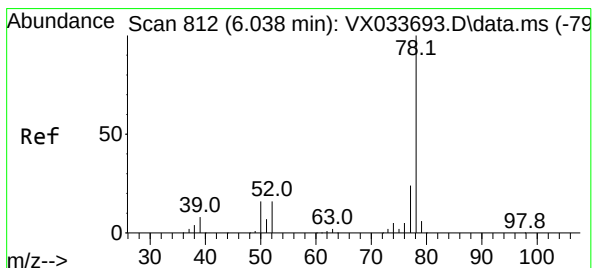
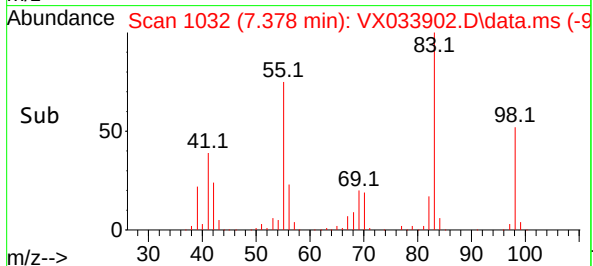
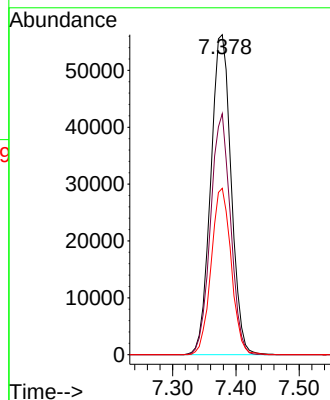
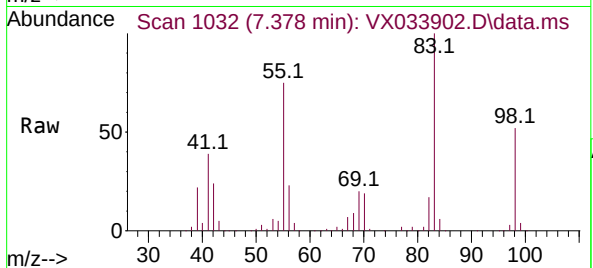
98 52.0 39.3 58.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/27/2023

Supervised By :Semsettin Yesilyurt 01/27/2023



#40

Benzene

Concen: 48.715 ug/l

RT: 6.031 min Scan# 811

Delta R.T. -0.006 min

Lab File: VX033902.D

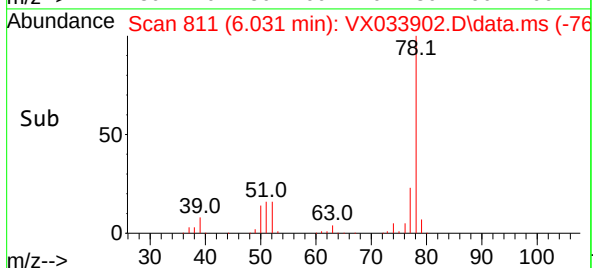
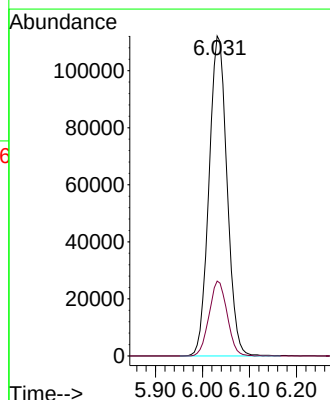
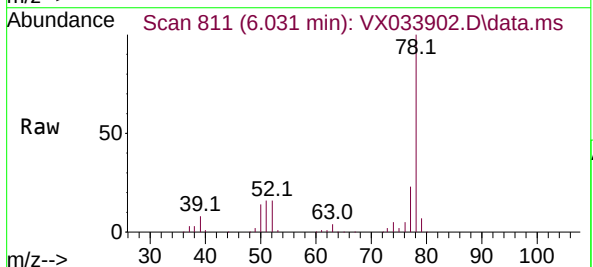
Acq: 26 Jan 2023 11:36

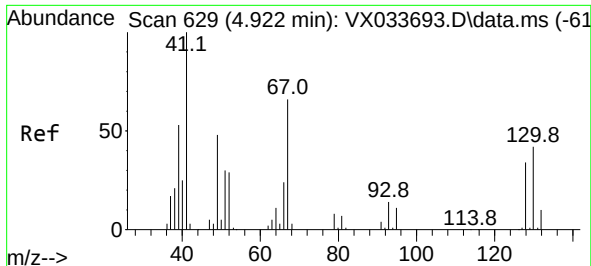
Tgt Ion: 78 Resp: 298277

Ion Ratio Lower Upper

78 100

77 23.4 19.0 28.4





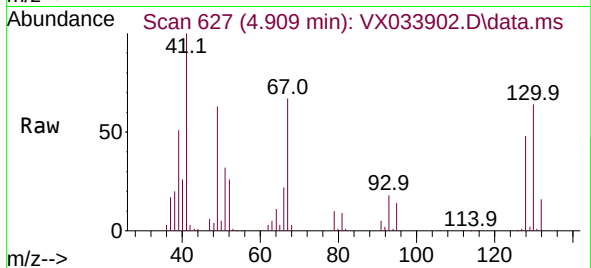
#41
Methacrylonitrile
Concen: 52.750 ug/l
RT: 4.909 min Scan# 610
Delta R.T. -0.013 min
Lab File: VX033902.D
Acq: 26 Jan 2023 11:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



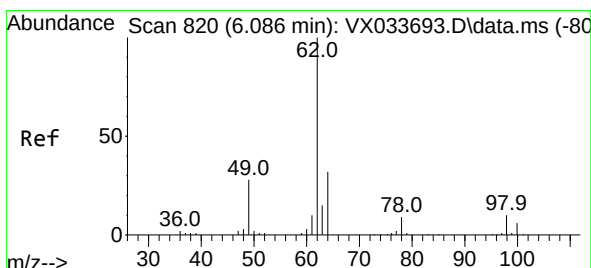
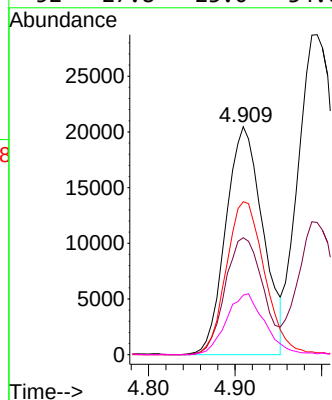
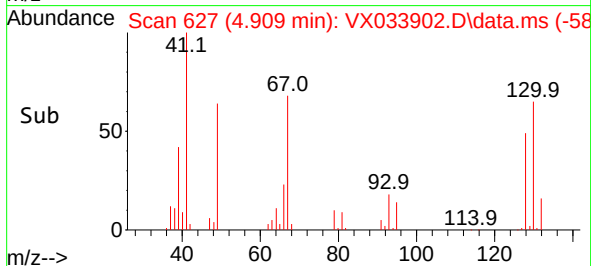
Tgt Ion: 41 Resp: 61061
Ion Ratio Lower Upper
41 100
39 52.8 43.8 65.6
67 69.7 54.8 82.2
52 27.8 23.0 34.6

Manual Integrations

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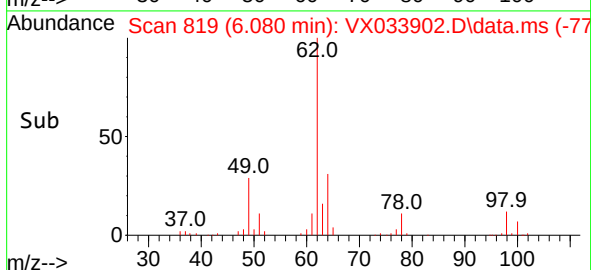
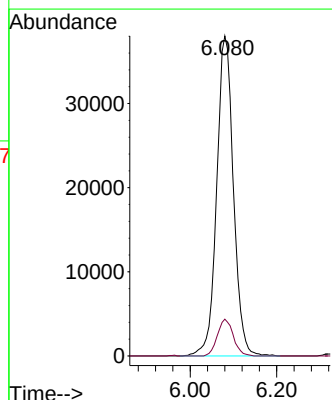
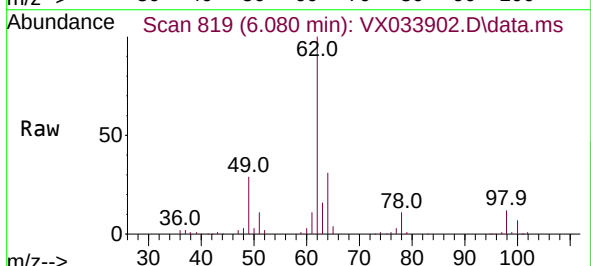
Reviewed By :John Carlone 01/27/2023

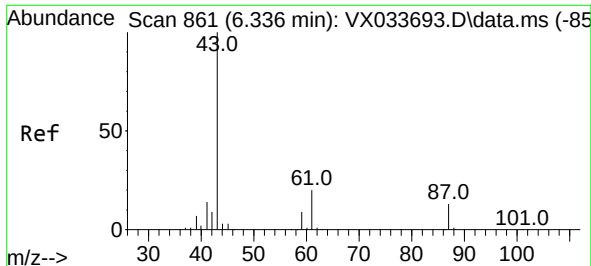
Supervised By :Semsettin Yesilyurt 01/27/2023



#42
1,2-Dichloroethane
Concen: 47.035 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.006 min
Lab File: VX033902.D
Acq: 26 Jan 2023 11:36

Tgt Ion: 62 Resp: 102060
Ion Ratio Lower Upper
62 100
98 10.9 0.0 20.2





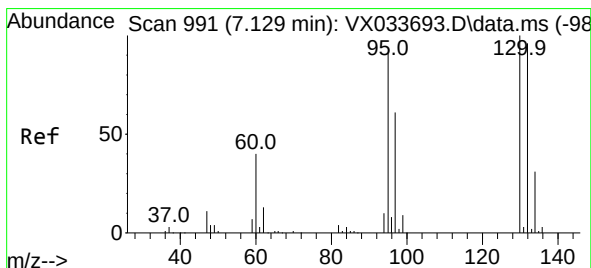
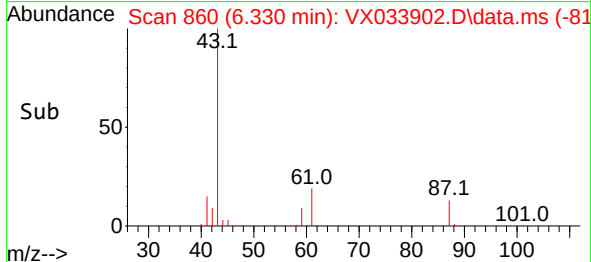
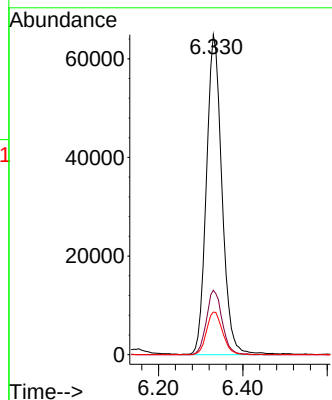
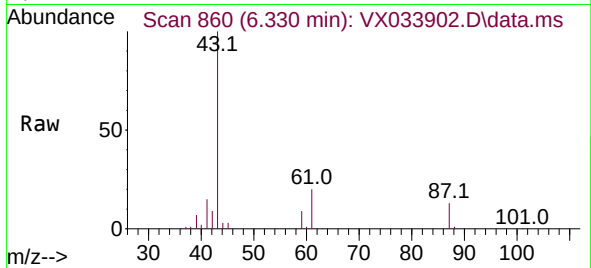
#43
Isopropyl Acetate
Concen: 50.256 ug/l
RT: 6.330 min Scan# 80
Delta R.T. -0.006 min
Lab File: VX033902.D
Acq: 26 Jan 2023 11:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 16666
Ion Ratio Lower Upper
43 100
61 20.4 15.7 23.5
87 13.7 10.6 15.8

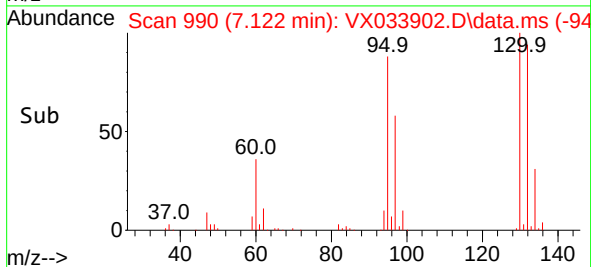
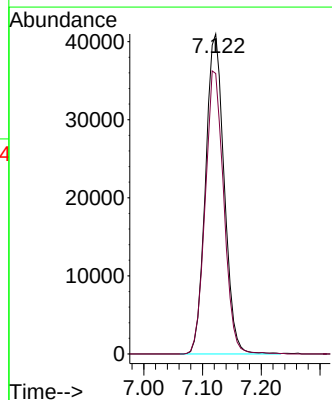
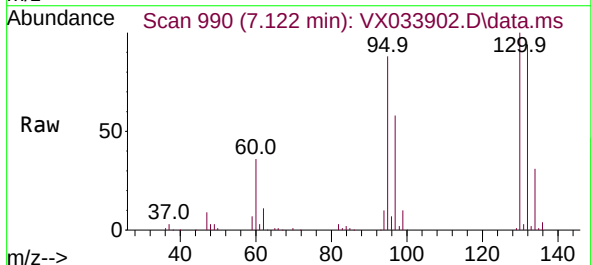
Manual Integrations
APPROVED

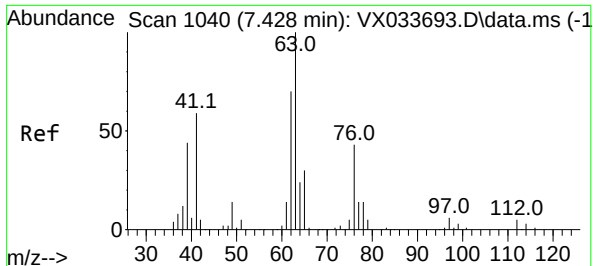
Reviewed By :John Carlone 01/27/2023
Supervised By :Semsettin Yesilyurt 01/27/2023



#44
Trichloroethene
Concen: 52.622 ug/l
RT: 7.122 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX033902.D
Acq: 26 Jan 2023 11:36

Tgt Ion:130 Resp: 90099
Ion Ratio Lower Upper
130 100
95 87.7 0.0 182.6





#45

1,2-Dichloropropane

Concen: 50.520 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VX033902.D

Acq: 26 Jan 2023 11:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 77489

Ion Ratio Lower Upper

63 100

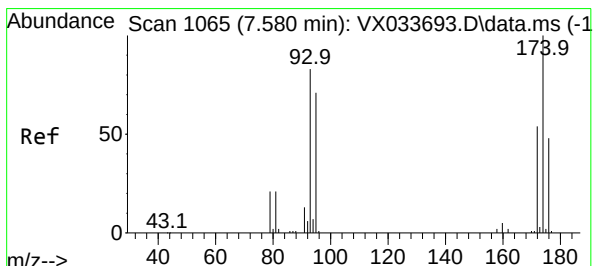
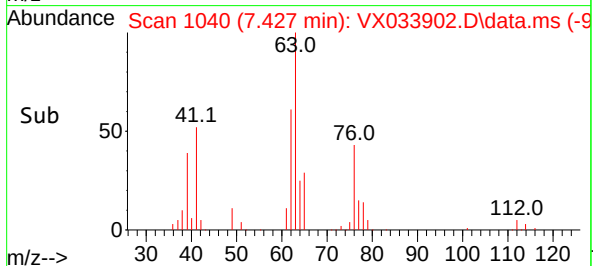
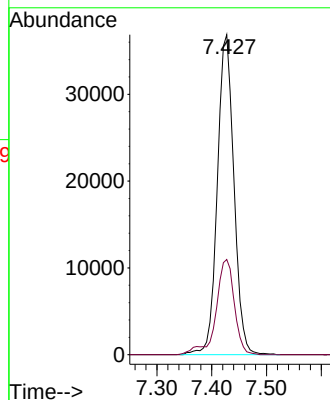
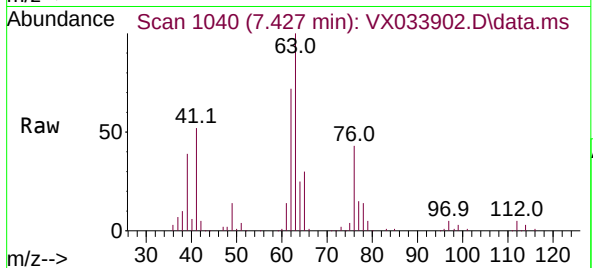
65 29.7 24.2 36.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/27/2023

Supervised By :Semsettin Yesilyurt 01/27/2023



#46

Dibromomethane

Concen: 50.126 ug/l

RT: 7.574 min Scan# 1064

Delta R.T. -0.006 min

Lab File: VX033902.D

Acq: 26 Jan 2023 11:36

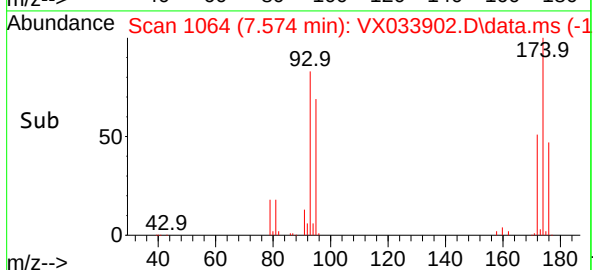
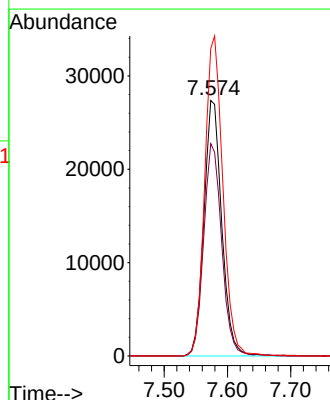
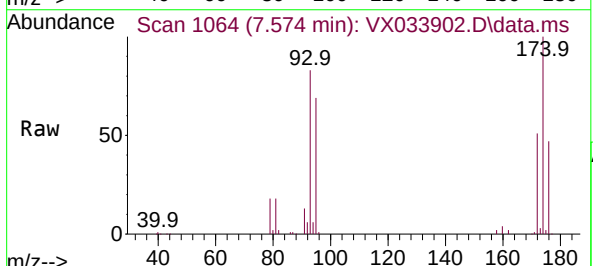
Tgt Ion: 93 Resp: 53702

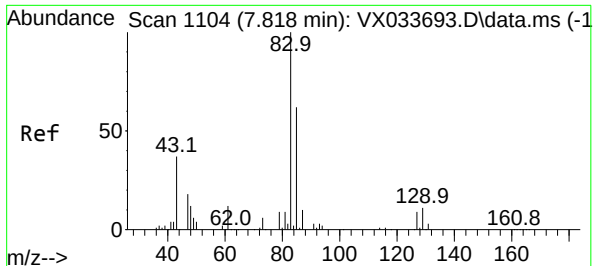
Ion Ratio Lower Upper

93 100

95 84.0 67.6 101.4

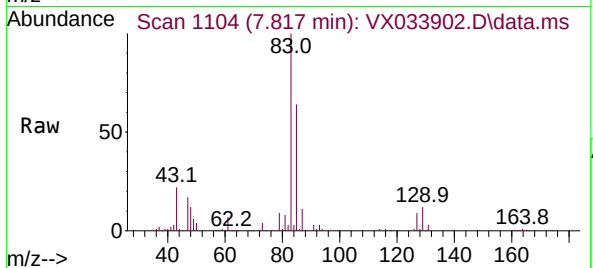
174 126.9 97.4 146.0





#47
Bromodichloromethane
Concen: 51.095 ug/l
RT: 7.817 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX033902.D
Acq: 26 Jan 2023 11:36

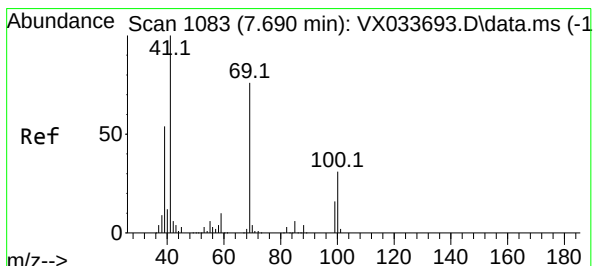
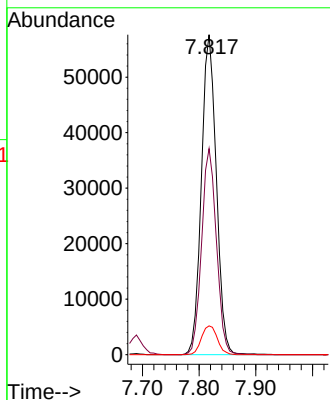
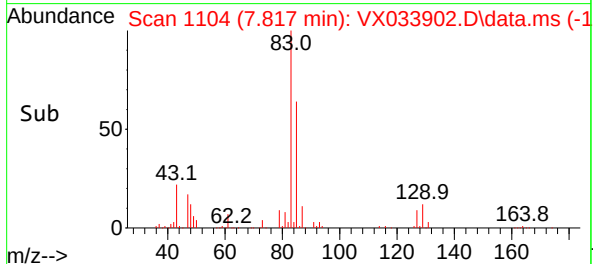
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 105490
Ion Ratio Lower Upper
83 100
85 64.4 49.8 74.6
127 9.0 7.0 10.4

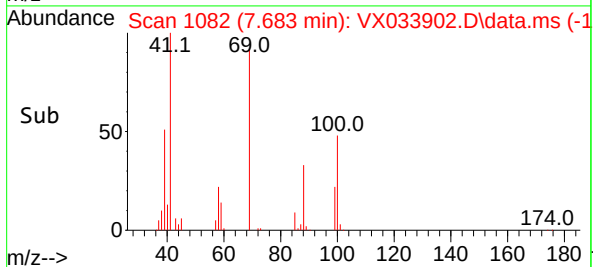
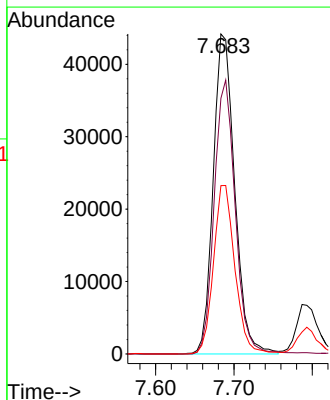
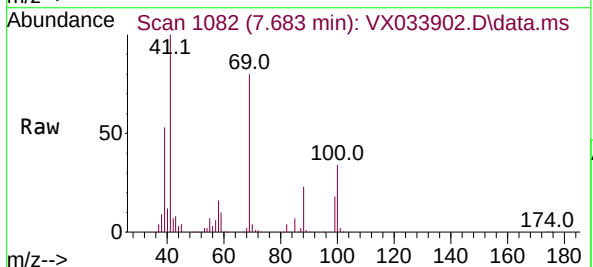
Manual Integrations
APPROVED

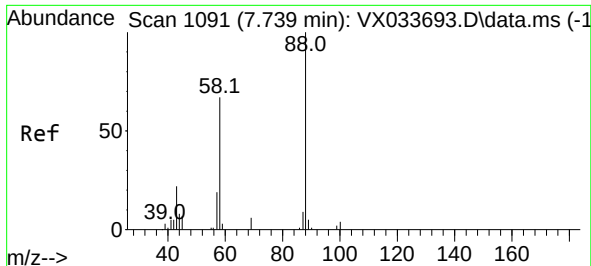
Reviewed By :John Carlone 01/27/2023
Supervised By :Semsettin Yesilyurt 01/27/2023



#48
Methyl methacrylate
Concen: 50.439 ug/l
RT: 7.683 min Scan# 1082
Delta R.T. -0.006 min
Lab File: VX033902.D
Acq: 26 Jan 2023 11:36

Tgt Ion: 41 Resp: 84259
Ion Ratio Lower Upper
41 100
69 84.0 63.1 94.7
39 52.5 43.2 64.8





#49

1,4-Dioxane

Concen: 875.928 ug/l

RT: 7.671 min Scan# 1091

Delta R.T. -0.067 min

Lab File: VX033902.D

Acq: 26 Jan 2023 11:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 3236

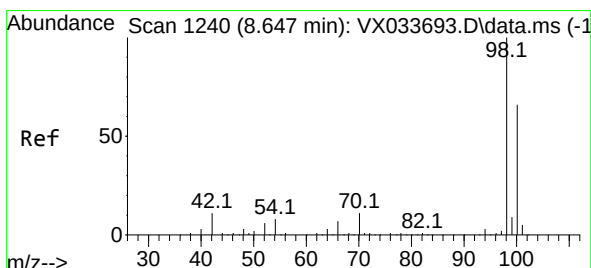
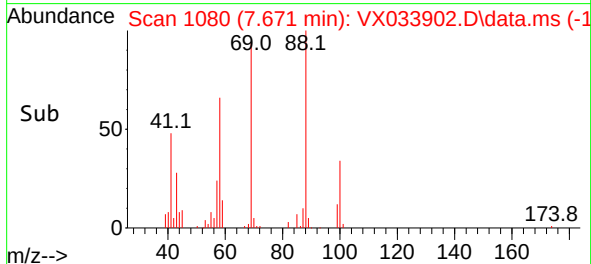
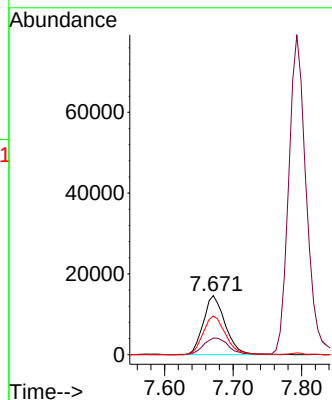
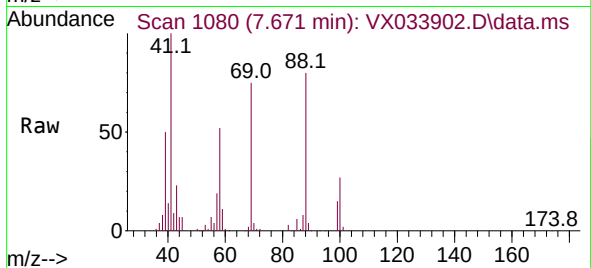
Ion	Ratio	Lower	Upper
88	100		
43	32.6	0.0	0.0
58	67.5	56.5	84.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/27/2023

Supervised By :Semsettin Yesilyurt 01/27/2023



#50

Toluene-d8

Concen: 49.197 ug/l

RT: 8.647 min Scan# 1240

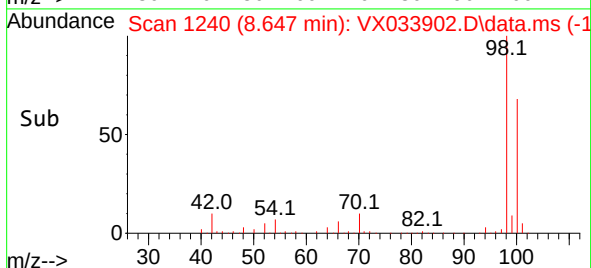
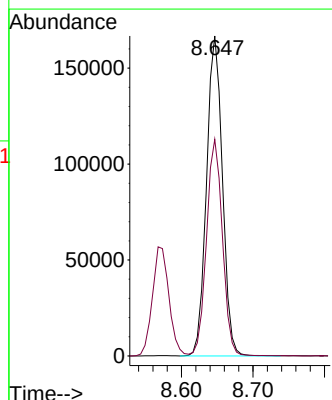
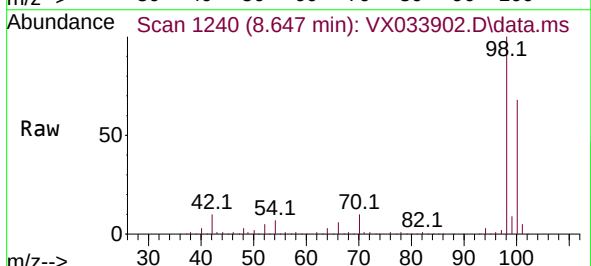
Delta R.T. -0.000 min

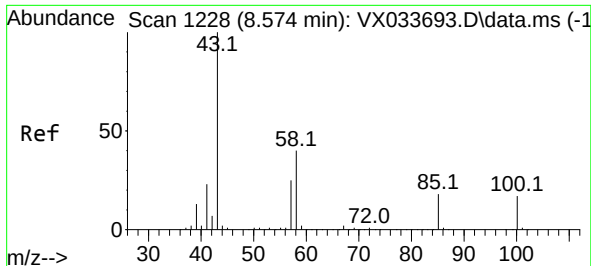
Lab File: VX033902.D

Acq: 26 Jan 2023 11:36

Tgt Ion: 98 Resp: 258000

Ion	Ratio	Lower	Upper
98	100		
100	67.8	53.6	80.4





#51

4-Methyl-2-Pentanone

Concen: 254.042 ug/l

RT: 8.567 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX033902.D

Acq: 26 Jan 2023 11:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 517400

Ion Ratio Lower Upper

43 100

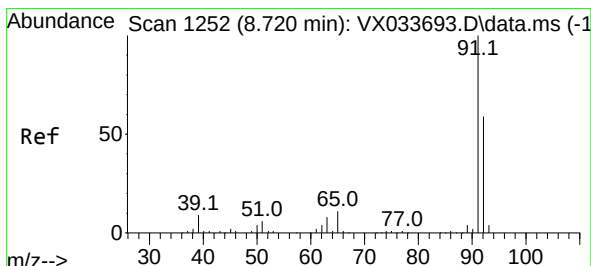
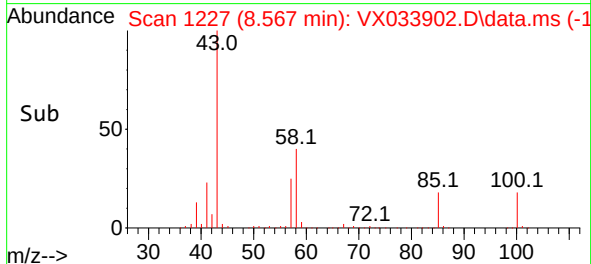
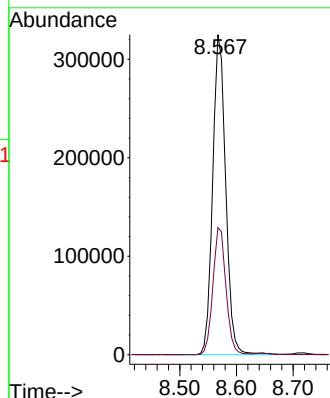
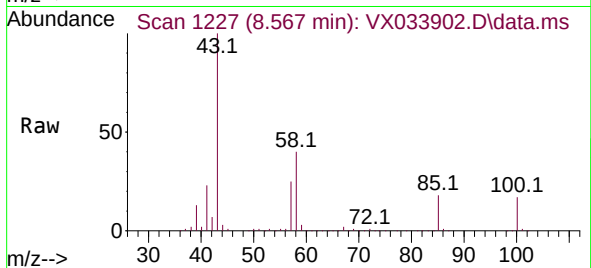
58 39.9 31.2 46.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/27/2023

Supervised By :Semsettin Yesilyurt 01/27/2023



#52

Toluene

Concen: 49.377 ug/l

RT: 8.714 min Scan# 1251

Delta R.T. -0.006 min

Lab File: VX033902.D

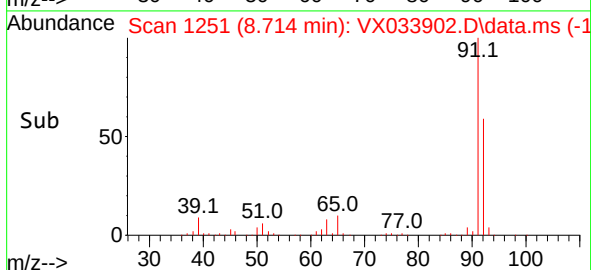
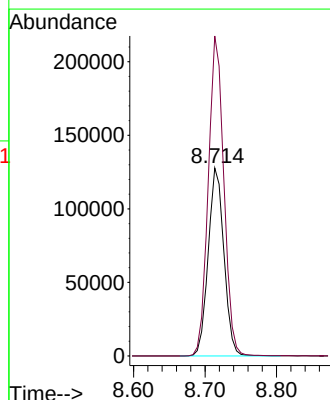
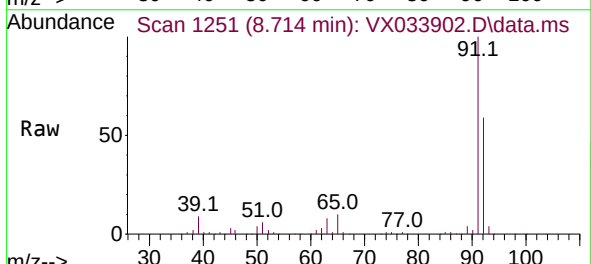
Acq: 26 Jan 2023 11:36

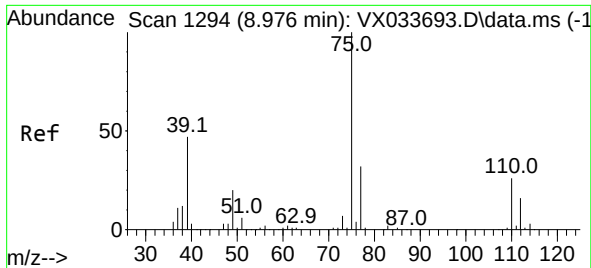
Tgt Ion: 92 Resp: 195239

Ion Ratio Lower Upper

92 100

91 169.0 135.5 203.3





#53

t-1,3-Dichloropropene

Concen: 53.585 ug/l

RT: 8.976 min Scan# 1193

Delta R.T. -0.000 min

Lab File: VX033902.D

Acq: 26 Jan 2023 11:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 75 Resp: 11064

Ion Ratio Lower Upper

75 100

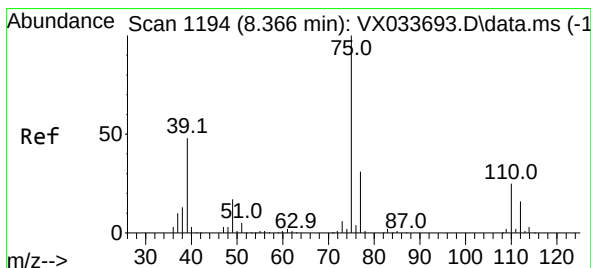
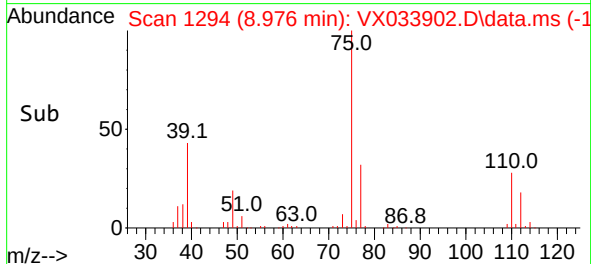
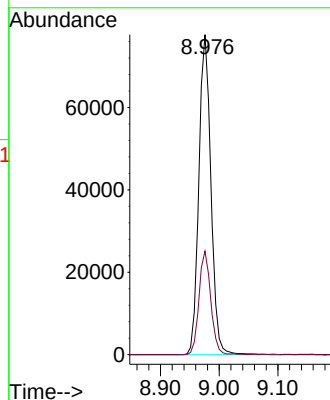
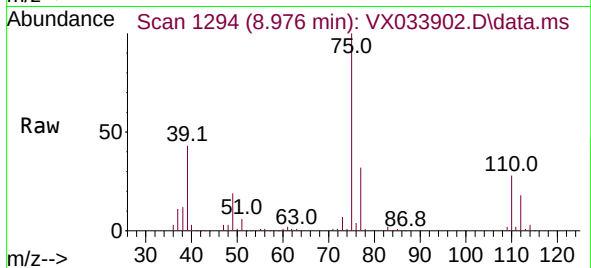
77 32.4 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/27/2023

Supervised By :Semsettin Yesilyurt 01/27/2023



#54

cis-1,3-Dichloropropene

Concen: 53.457 ug/l

RT: 8.360 min Scan# 1193

Delta R.T. -0.006 min

Lab File: VX033902.D

Acq: 26 Jan 2023 11:36

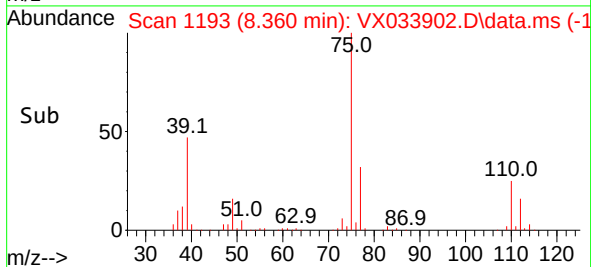
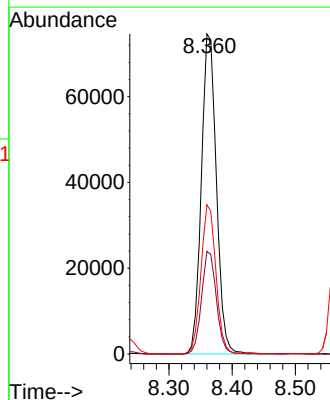
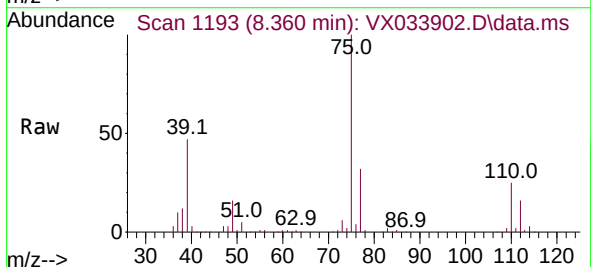
Tgt Ion: 75 Resp: 123679

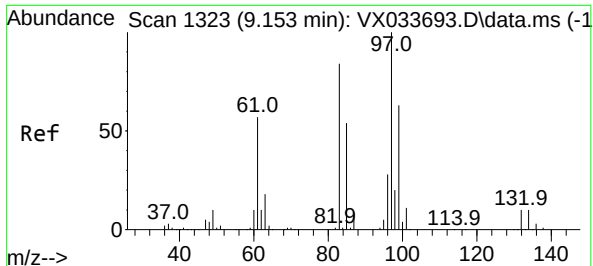
Ion Ratio Lower Upper

75 100

77 32.1 25.0 37.6

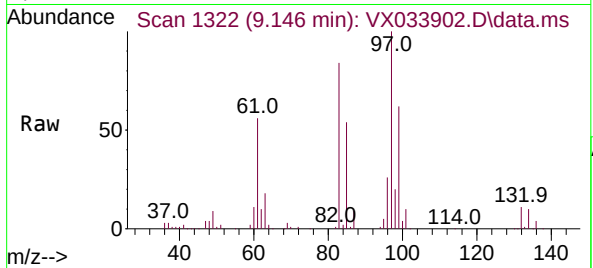
39 46.6 38.6 58.0





#55
1,1,2-Trichloroethane
Concen: 51.445 ug/l
RT: 9.146 min Scan# 1323
Delta R.T. -0.006 min
Lab File: VX033902.D
Acq: 26 Jan 2023 11:36

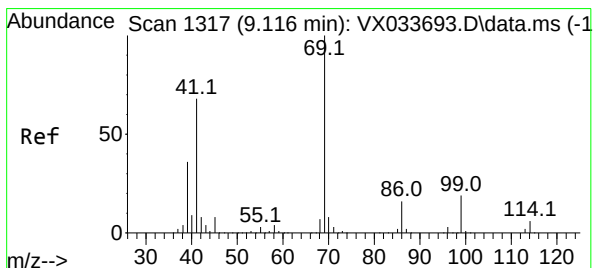
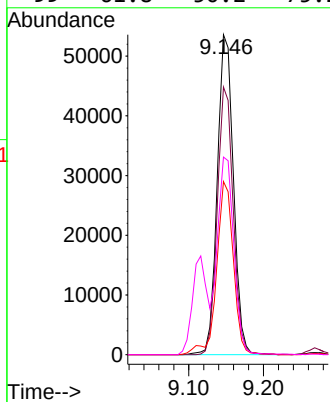
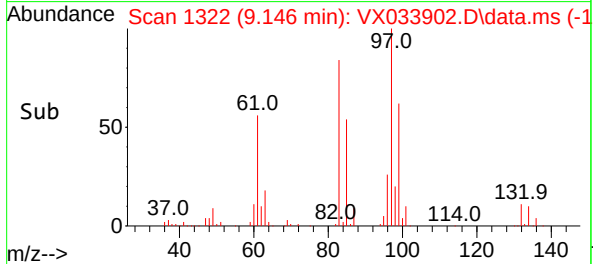
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



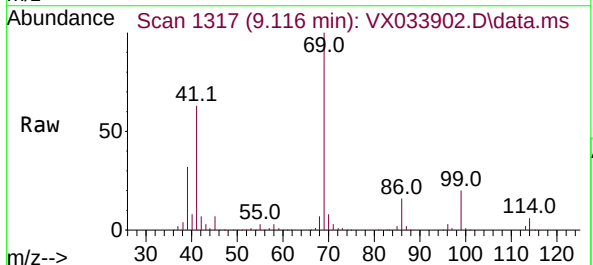
Tgt Ion	Ratio	Lower	Upper
97	100		
83	83.7	67.4	101.0
85	54.1	43.2	64.8
99	61.8	50.2	75.2

Manual Integrations
APPROVED

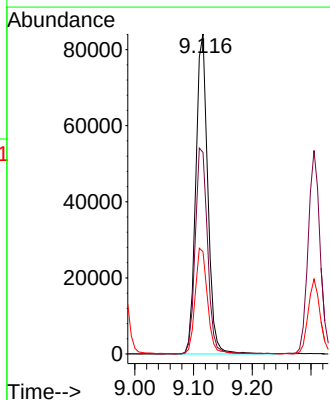
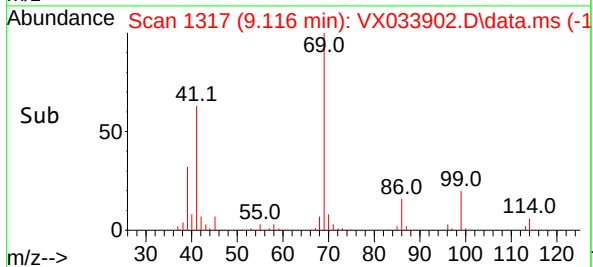
Reviewed By :John Carlone 01/27/2023
Supervised By :Semsettin Yesilyurt 01/27/2023

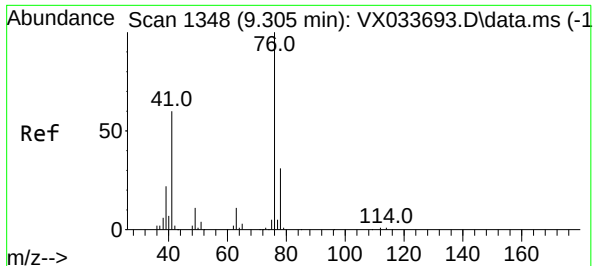


#56
Ethyl methacrylate
Concen: 54.001 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX033902.D
Acq: 26 Jan 2023 11:36



Tgt Ion	Ratio	Lower	Upper
69	100		
41	66.7	55.1	82.7
39	33.7	28.5	42.7





#57

1,3-Dichloropropane

Concen: 51.776 ug/l

RT: 9.305 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX033902.D

Acq: 26 Jan 2023 11:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 131404

Ion Ratio Lower Upper

76 100

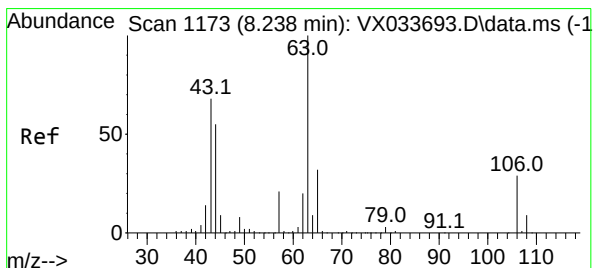
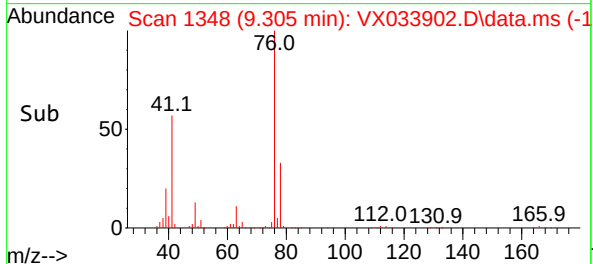
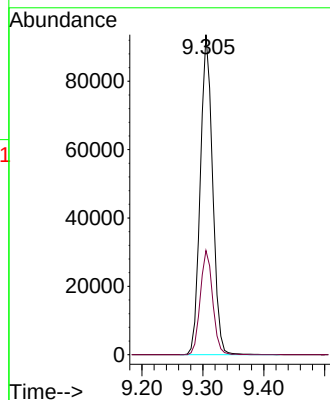
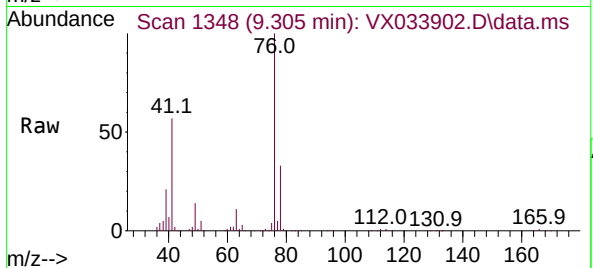
78 32.7 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/27/2023

Supervised By :Semsettin Yesilyurt 01/27/2023



#58

2-Chloroethyl Vinyl ether

Concen: 264.113 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.000 min

Lab File: VX033902.D

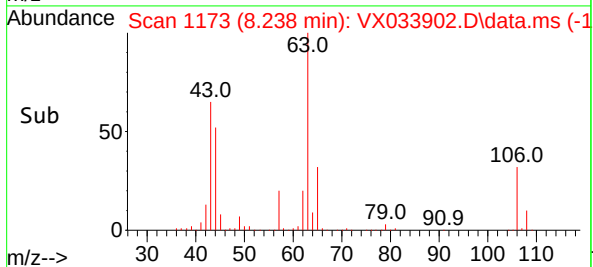
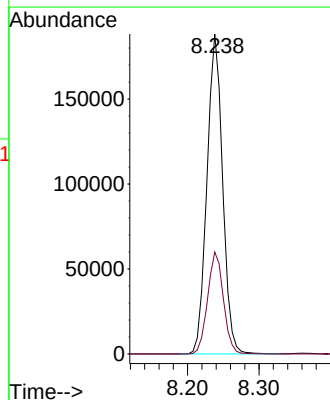
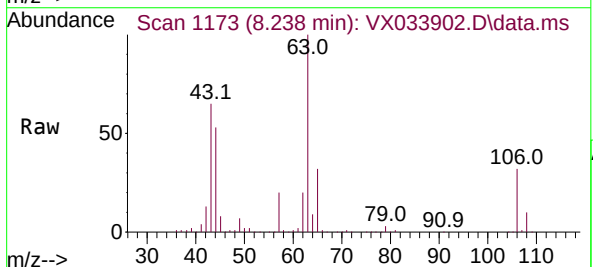
Acq: 26 Jan 2023 11:36

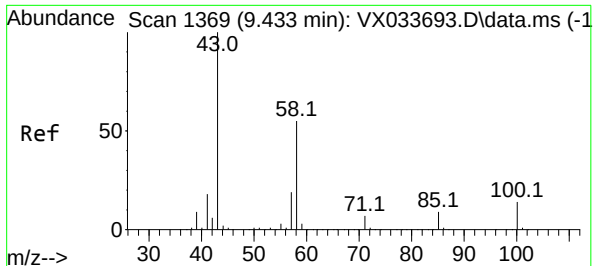
Tgt Ion: 63 Resp: 286511

Ion Ratio Lower Upper

63 100

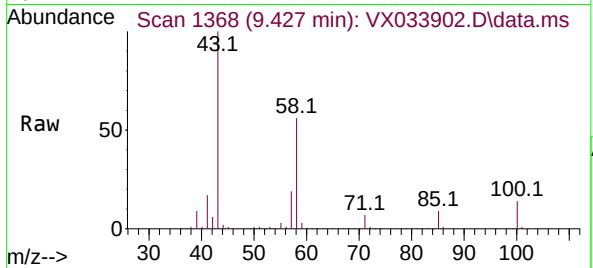
106 32.1 24.5 36.7





#59
2-Hexanone
Concen: 272.112 ug/l
RT: 9.427 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX033902.D
Acq: 26 Jan 2023 11:36

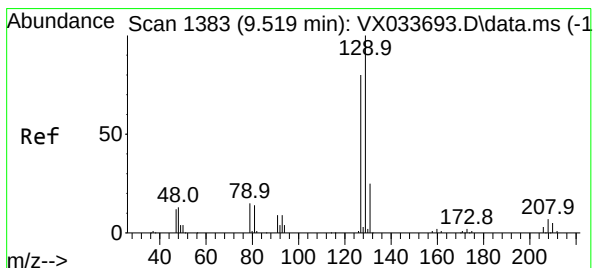
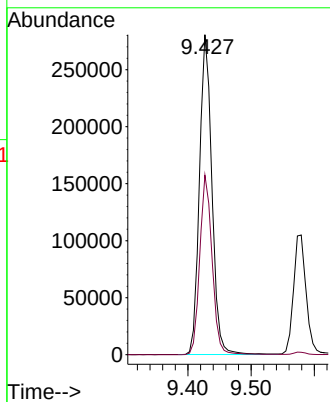
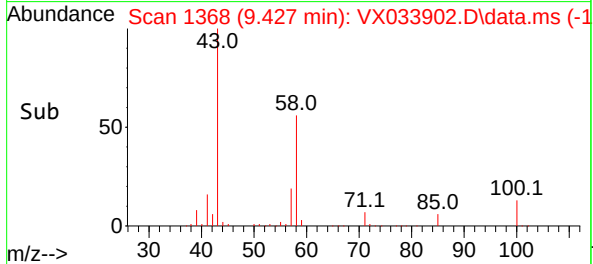
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 385734
Ion Ratio Lower Upper
43 100
58 55.6 27.4 82.0

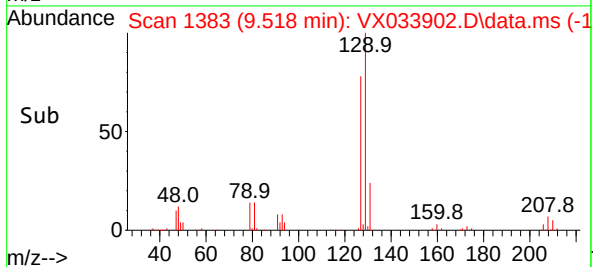
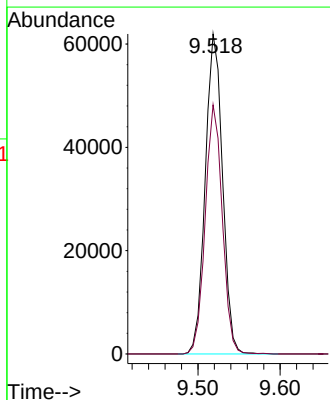
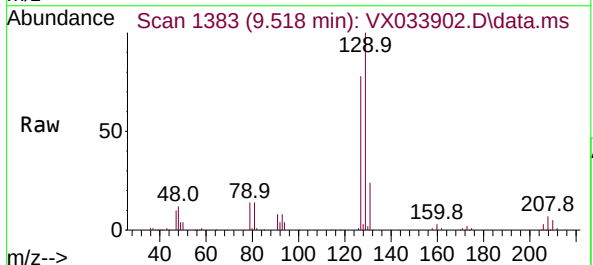
Manual Integrations
APPROVED

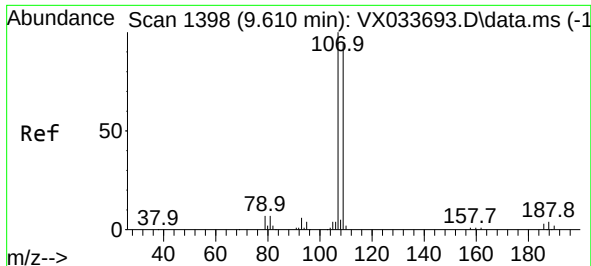
Reviewed By :John Carlone 01/27/2023
Supervised By :Semsettin Yesilyurt 01/27/2023



#60
Dibromochloromethane
Concen: 55.703 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX033902.D
Acq: 26 Jan 2023 11:36

Tgt Ion:129 Resp: 90387
Ion Ratio Lower Upper
129 100
127 77.0 38.8 116.3





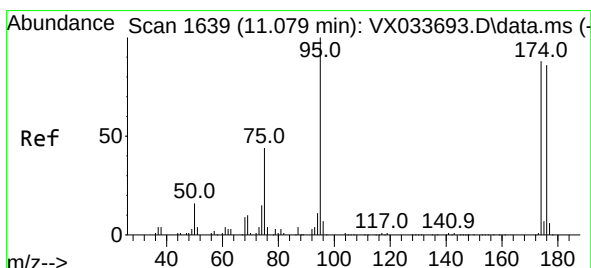
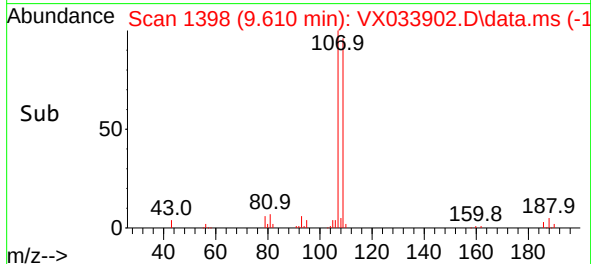
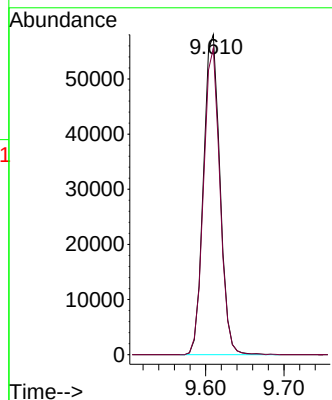
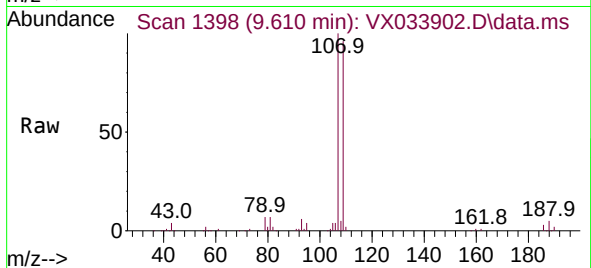
#61
1,2-Dibromoethane
Concen: 54.239 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX033902.D
Acq: 26 Jan 2023 11:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:107 Resp: 84723
Ion Ratio Lower Upper
107 100
109 95.2 74.2 111.2

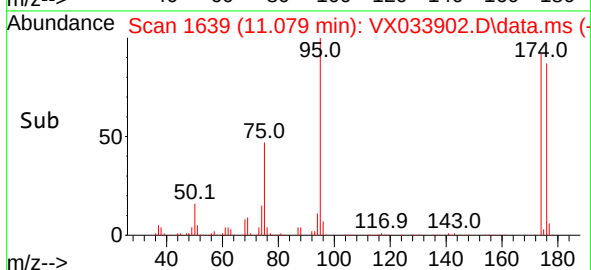
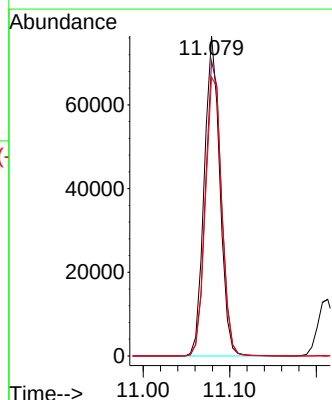
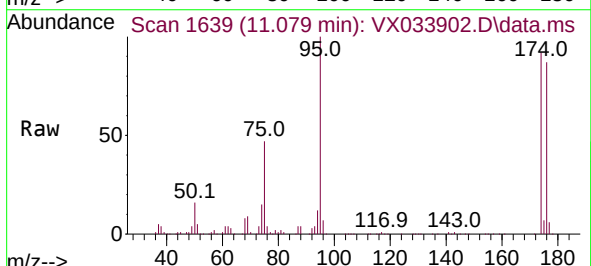
Manual Integrations
APPROVED

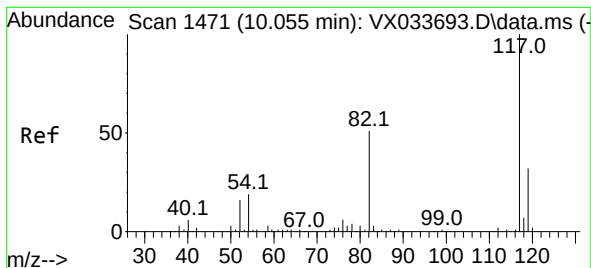
Reviewed By :John Carlone 01/27/2023
Supervised By :Semsettin Yesilyurt 01/27/2023



#62
4-Bromofluorobenzene
Concen: 48.978 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX033902.D
Acq: 26 Jan 2023 11:36

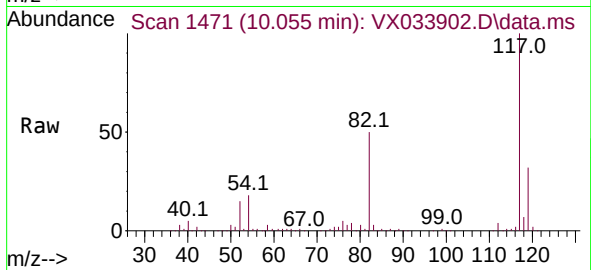
Tgt Ion: 95 Resp: 95364
Ion Ratio Lower Upper
95 100
174 95.2 0.0 184.4
176 92.0 0.0 178.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX033902.D
Acq: 26 Jan 2023 11:36

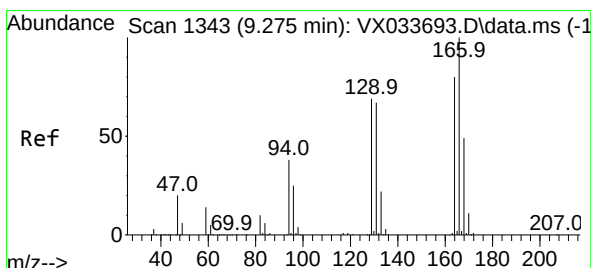
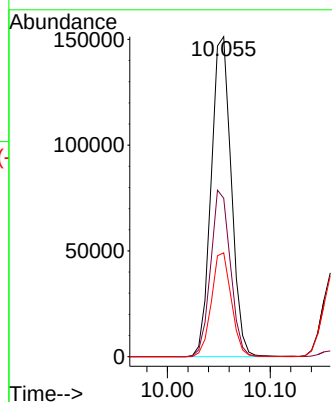
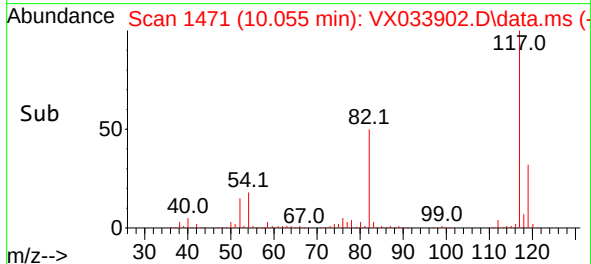
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 20576
Ion Ratio Lower Upper
117 100
82 49.5 40.6 60.8
119 32.5 25.6 38.4

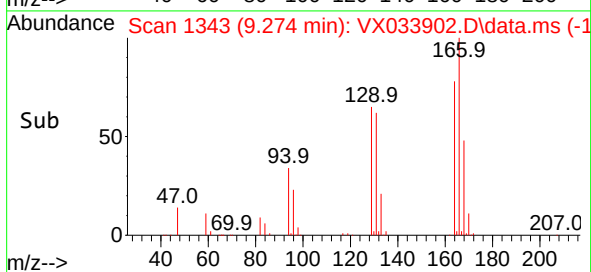
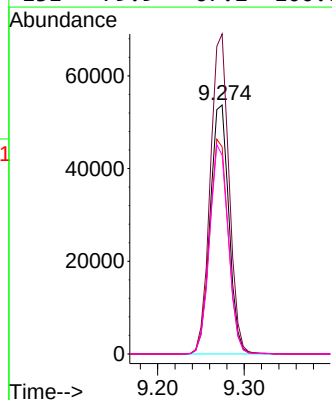
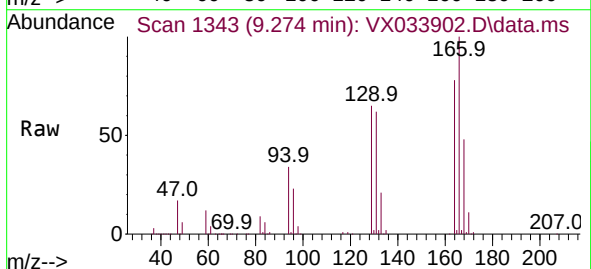
Manual Integrations
APPROVED

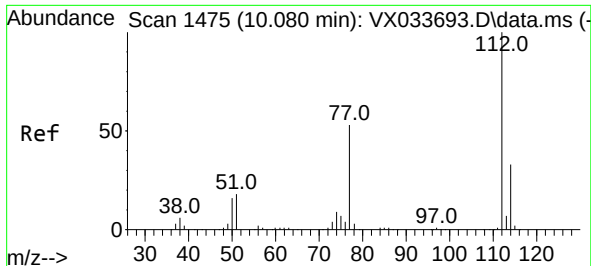
Reviewed By :John Carlone 01/27/2023
Supervised By :Semsettin Yesilyurt 01/27/2023



#64
Tetrachloroethene
Concen: 55.718 ug/l
RT: 9.274 min Scan# 1343
Delta R.T. -0.001 min
Lab File: VX033902.D
Acq: 26 Jan 2023 11:36

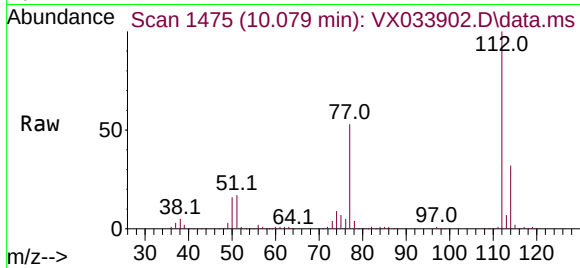
Tgt Ion:164 Resp: 80468
Ion Ratio Lower Upper
164 100
166 128.6 100.2 150.2
129 83.2 69.2 103.8
131 79.9 67.2 100.8





#65
Chlorobenzene
Concen: 50.977 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX033902.D
Acq: 26 Jan 2023 11:36

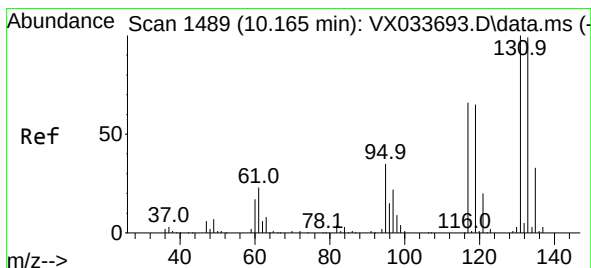
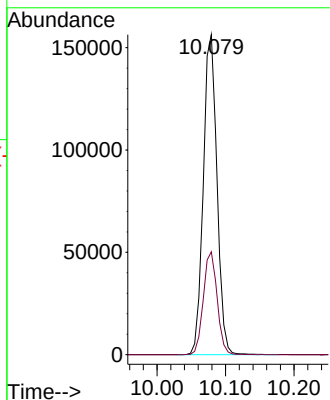
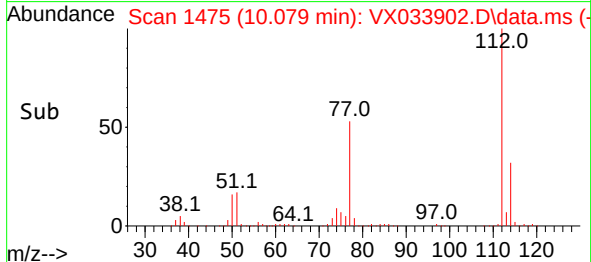
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:112 Resp: 217150
Ion Ratio Lower Upper
112 100
114 32.1 26.2 39.4

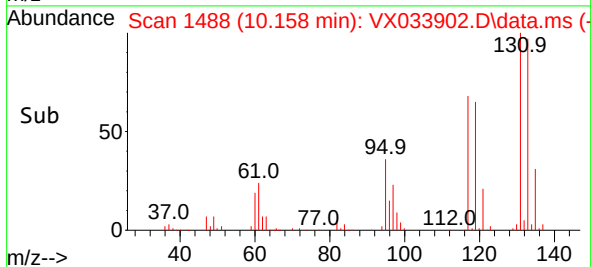
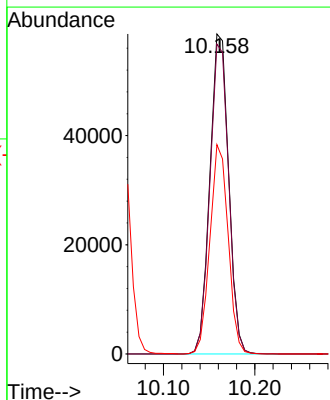
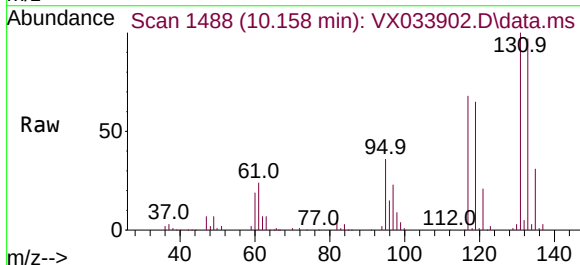
Manual Integrations
APPROVED

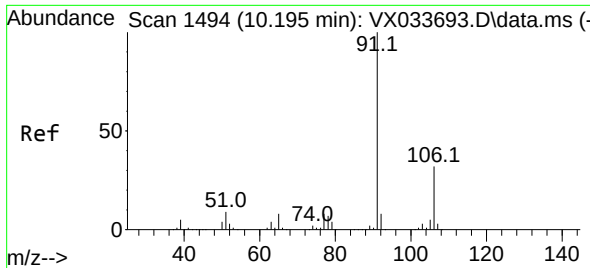
Reviewed By :John Carlone 01/27/2023
Supervised By :Semsettin Yesilyurt 01/27/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 53.416 ug/l
RT: 10.158 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX033902.D
Acq: 26 Jan 2023 11:36

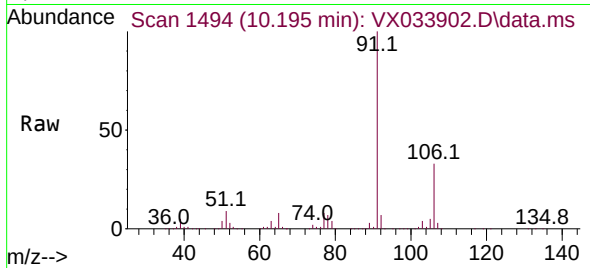
Tgt Ion:131 Resp: 83740
Ion Ratio Lower Upper
131 100
133 96.7 48.4 145.0
119 63.4 31.9 95.7





#67
Ethyl Benzene
Concen: 51.043 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX033902.D
Acq: 26 Jan 2023 11:36

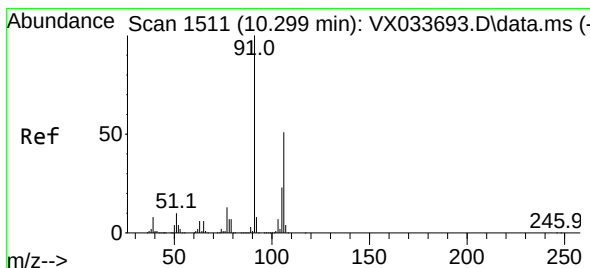
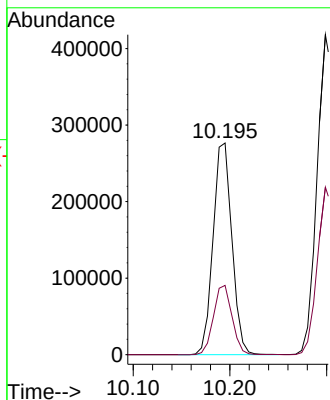
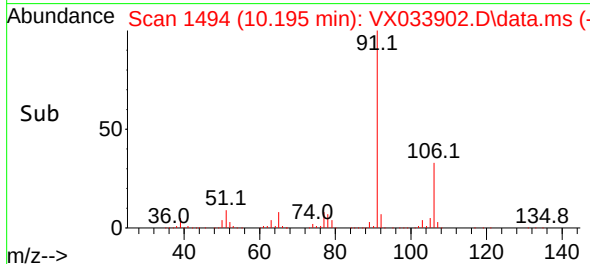
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



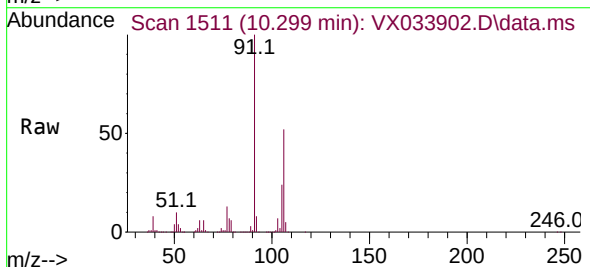
Tgt Ion: 91 Resp: 373318
Ion Ratio Lower Upper
91 100
106 32.7 25.8 38.8

Manual Integrations
APPROVED

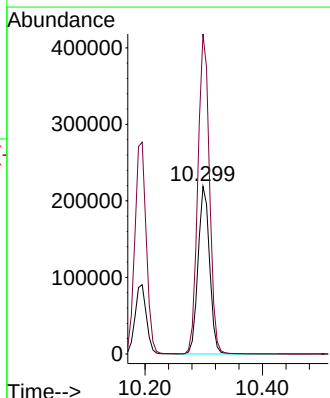
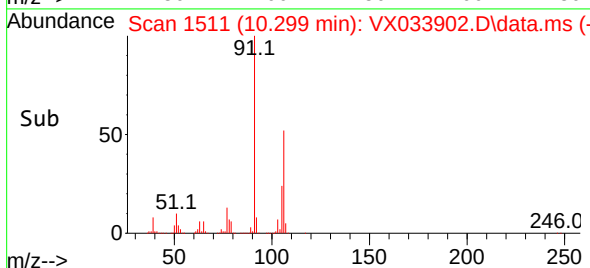
Reviewed By :John Carlone 01/27/2023
Supervised By :Semsettin Yesilyurt 01/27/2023

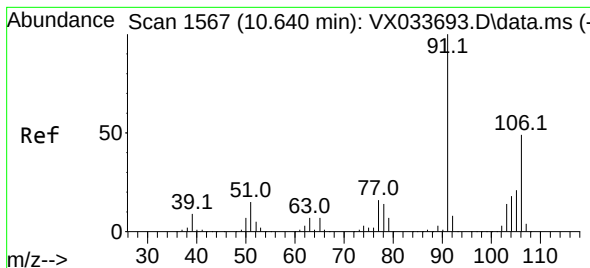


#68
m/p-Xylenes
Concen: 103.682 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX033902.D
Acq: 26 Jan 2023 11:36



Tgt Ion:106 Resp: 296605
Ion Ratio Lower Upper
106 100
91 192.3 156.4 234.6





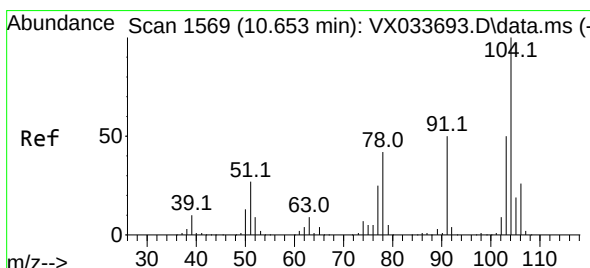
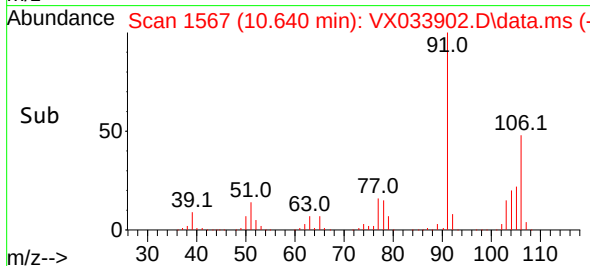
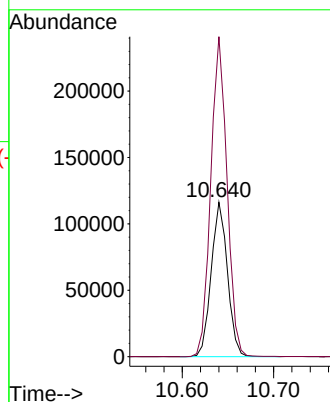
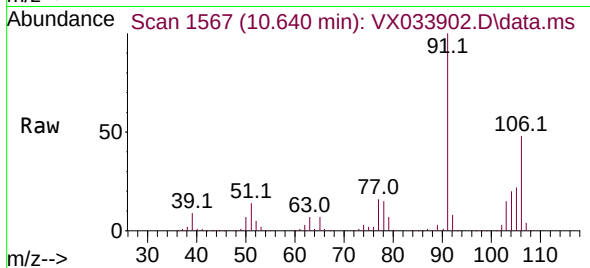
#69
o-Xylene
Concen: 50.475 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX033902.D
Acq: 26 Jan 2023 11:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 143198
Ion Ratio Lower Upper
106 100
91 207.2 103.1 309.3

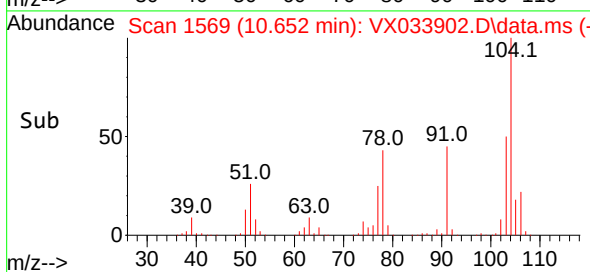
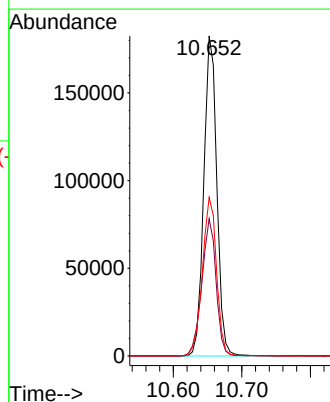
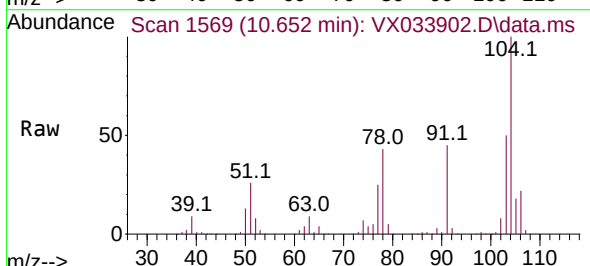
Manual Integrations
APPROVED

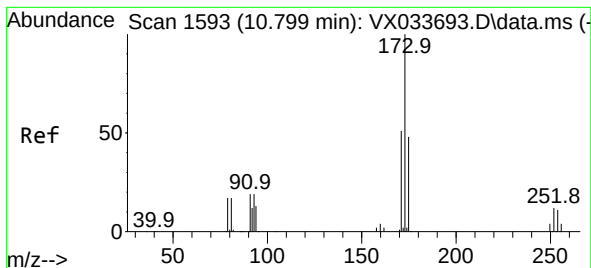
Reviewed By :John Carbone 01/27/2023
Supervised By :Semsettin Yesilyurt 01/27/2023



#70
Styrene
Concen: 52.399 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX033902.D
Acq: 26 Jan 2023 11:36

Tgt Ion:104 Resp: 241762
Ion Ratio Lower Upper
104 100
78 46.9 37.5 56.3
103 54.0 43.3 64.9





#71

Bromoform

Concen: 53.899 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX033902.D

Acq: 26 Jan 2023 11:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

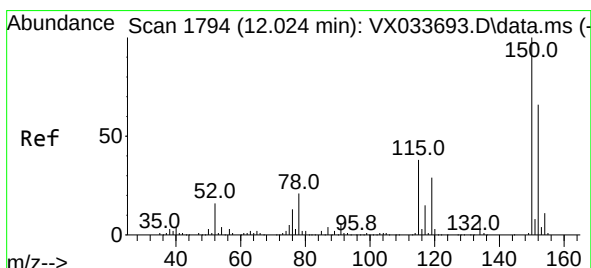
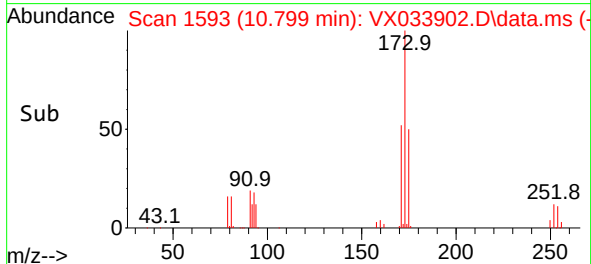
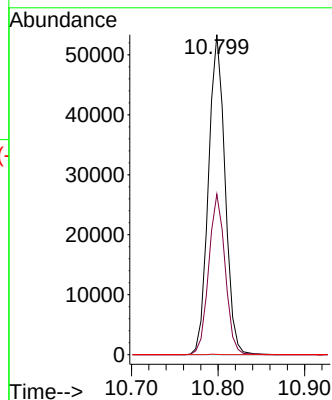
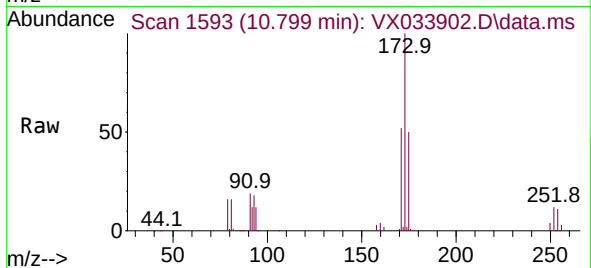
Tgt Ion:173 Resp: 70809
 Ion Ratio Lower Upper
 173 100
 175 49.7 24.1 72.3
 254 0.1 0.1 0.1

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

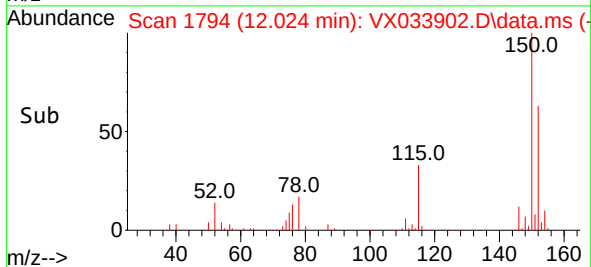
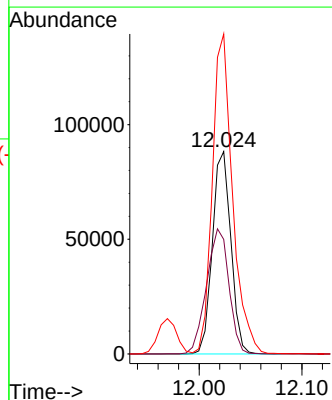
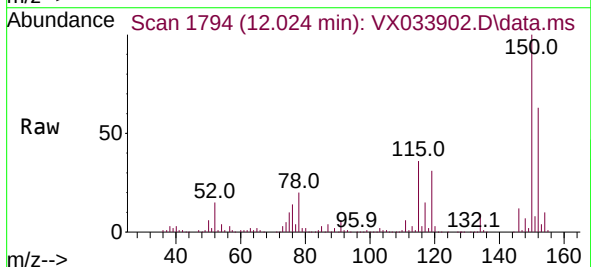
RT: 12.024 min Scan# 1794

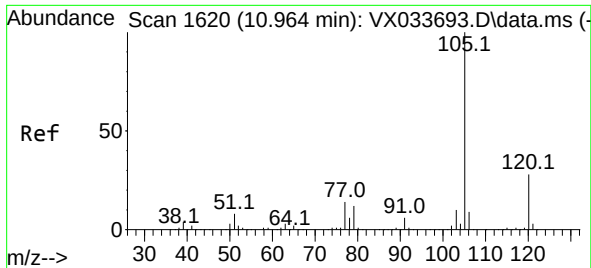
Delta R.T. -0.000 min

Lab File: VX033902.D

Acq: 26 Jan 2023 11:36

Tgt Ion:152 Resp: 109929
 Ion Ratio Lower Upper
 152 100
 115 75.3 38.7 116.1
 150 172.9 0.0 348.2





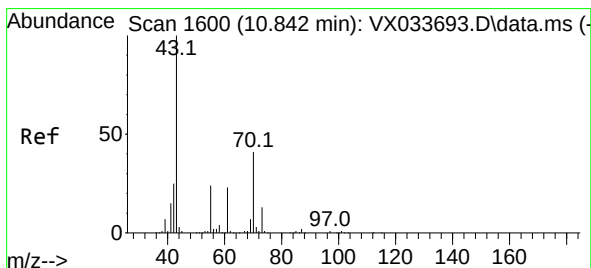
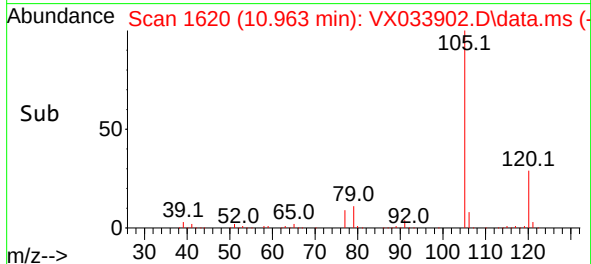
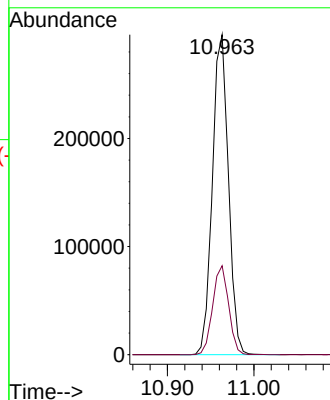
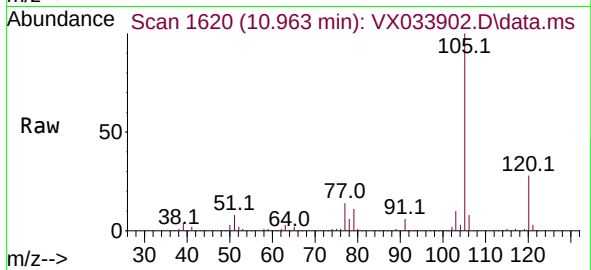
#73
Isopropylbenzene
Concen: 52.742 ug/l
RT: 10.963 min Scan# 1600
Delta R.T. -0.001 min
Lab File: VX033902.D
Acq: 26 Jan 2023 11:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 38052
Ion Ratio Lower Upper
105 100
120 27.6 13.6 40.8

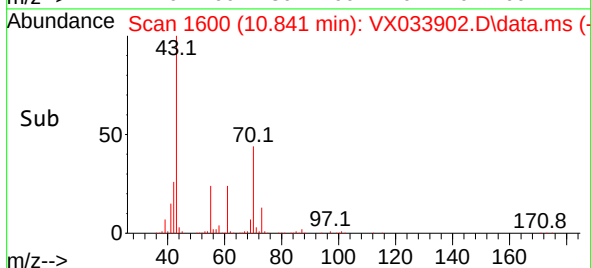
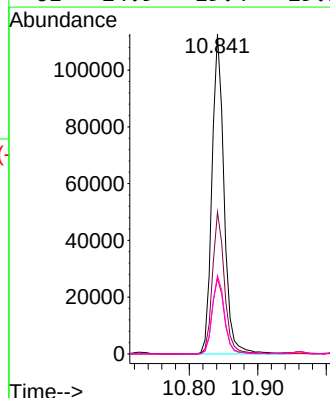
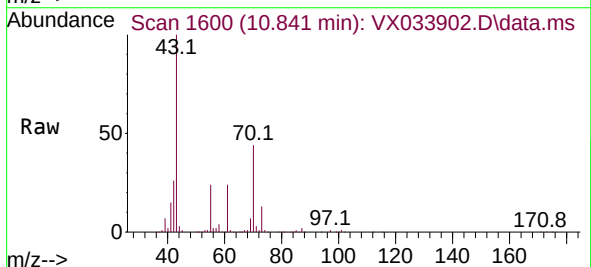
Manual Integrations
APPROVED

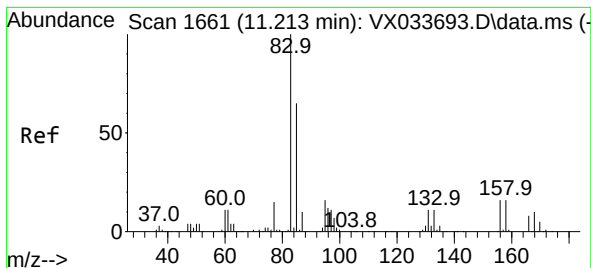
Reviewed By :John Carlone 01/27/2023
Supervised By :Semsettin Yesilyurt 01/27/2023



#74
N-ethyl acetate
Concen: 47.815 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX033902.D
Acq: 26 Jan 2023 11:36

Tgt Ion: 43 Resp: 138026
Ion Ratio Lower Upper
43 100
70 44.0 34.8 52.2
55 24.3 19.4 29.0
61 24.9 19.4 29.2





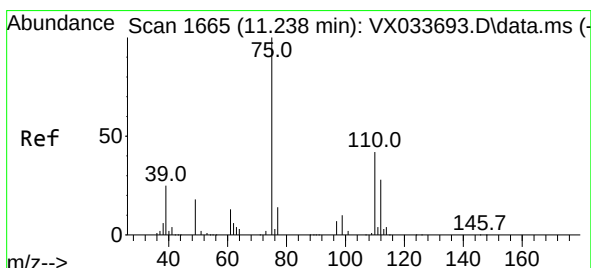
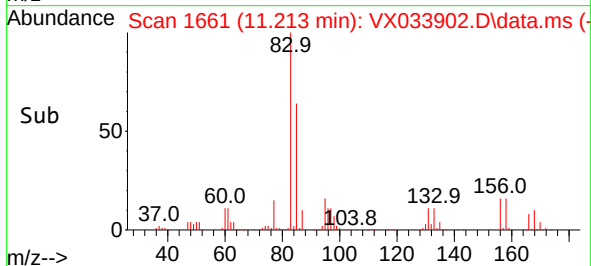
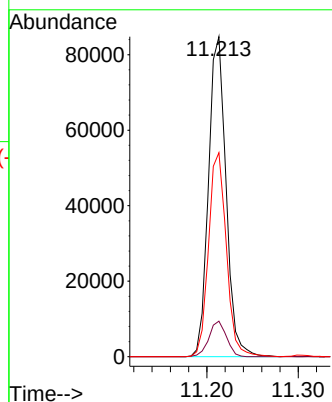
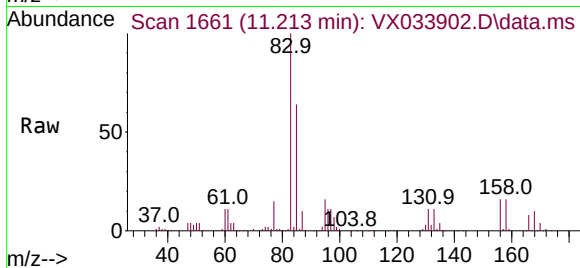
#75
1,1,2,2-Tetrachloroethane
Concen: 53.620 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX033902.D
Acq: 26 Jan 2023 11:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 112880
Ion Ratio Lower Upper
83 100
131 11.1 5.5 16.7
85 64.7 32.3 96.9

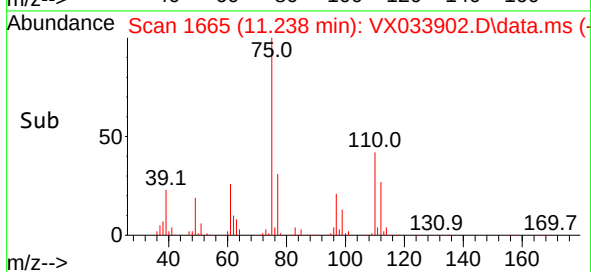
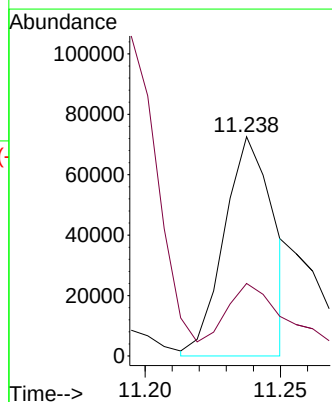
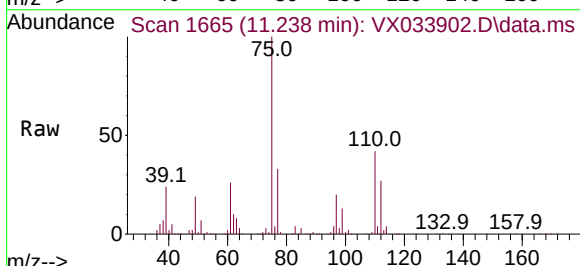
Manual Integrations
APPROVED

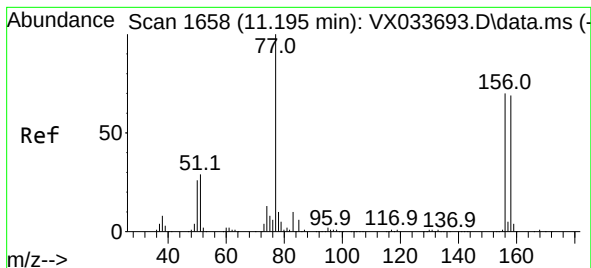
Reviewed By :John Carlone 01/27/2023
Supervised By :Semsettin Yesilyurt 01/27/2023



#76
1,2,3-Trichloropropane
Concen: 45.397 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX033902.D
Acq: 26 Jan 2023 11:36

Tgt Ion: 75 Resp: 91691
Ion Ratio Lower Upper
75 100
77 43.5 21.8 65.4





#77

Bromobenzene

Concen: 52.962 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.000 min

Lab File: VX033902.D

Acq: 26 Jan 2023 11:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

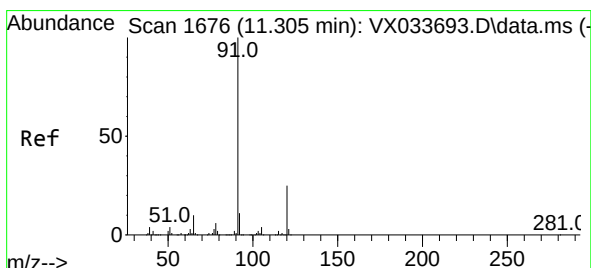
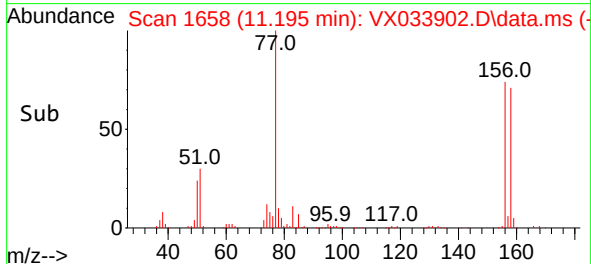
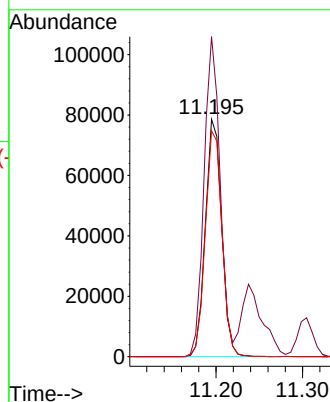
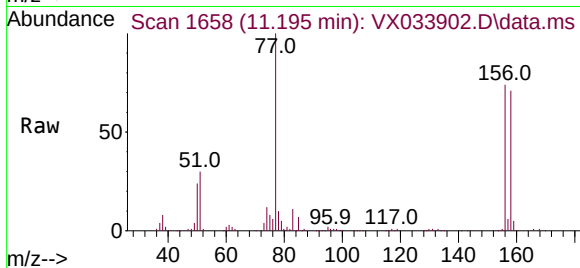
Tgt Ion:	156	Resp:	10311
Ion Ratio	Lower	Upper	
156	100		
77	131.8	68.1	204.3
158	97.1	48.0	144.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/27/2023

Supervised By :Semsettin Yesilyurt 01/27/2023



#78

n-propylbenzene

Concen: 47.547 ug/l

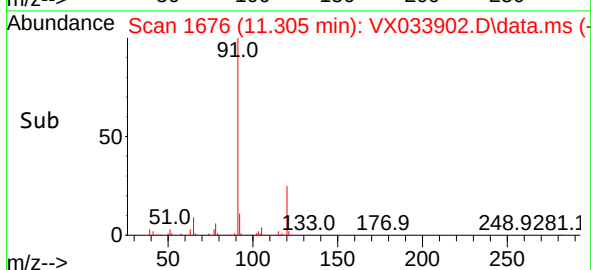
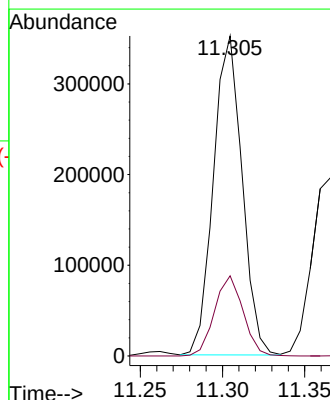
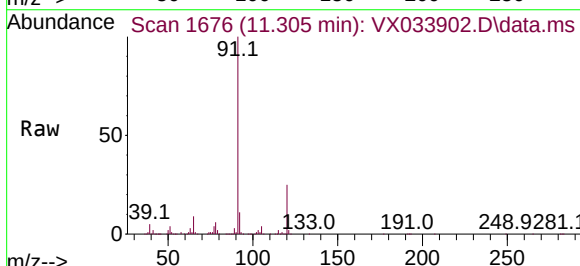
RT: 11.305 min Scan# 1676

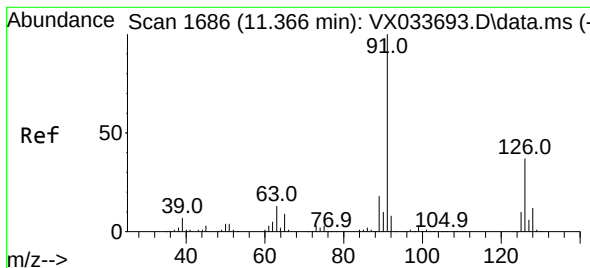
Delta R.T. -0.000 min

Lab File: VX033902.D

Acq: 26 Jan 2023 11:36

Tgt Ion:	91	Resp:	426507
Ion Ratio	Lower	Upper	
91	100		
120	25.0	12.3	36.8





#79

2-Chlorotoluene

Concen: 51.396 ug/l

RT: 11.366 min Scan# 1686

Delta R.T. -0.000 min

Lab File: VX033902.D

Acq: 26 Jan 2023 11:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 248658

Ion Ratio Lower Upper

91 100

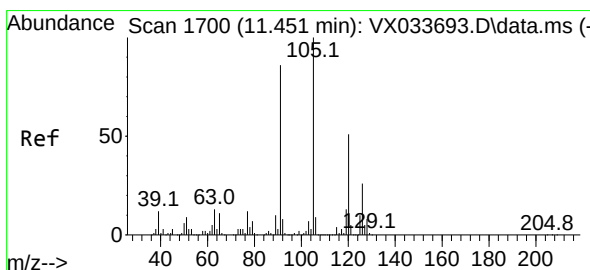
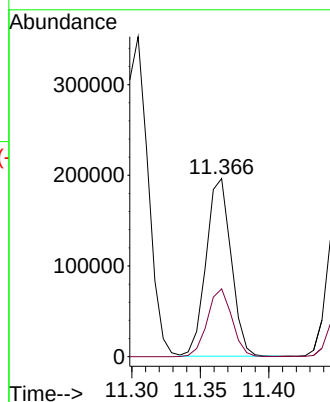
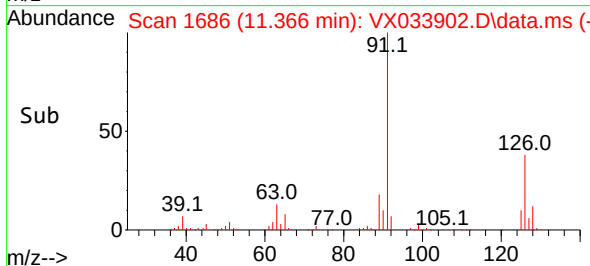
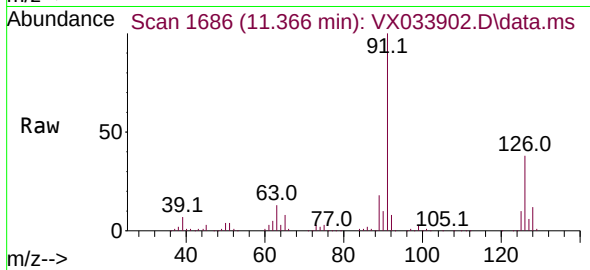
126 37.5 18.1 54.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/27/2023

Supervised By :Semsettin Yesilyurt 01/27/2023



#80

1,3,5-Trimethylbenzene

Concen: 47.564 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX033902.D

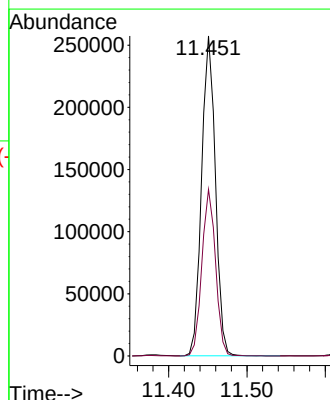
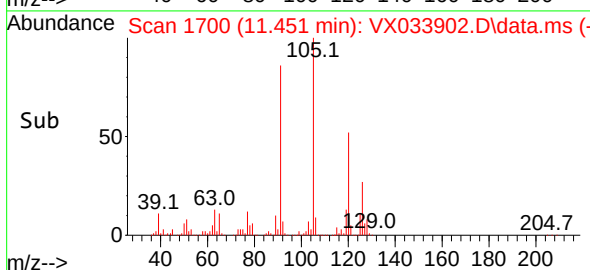
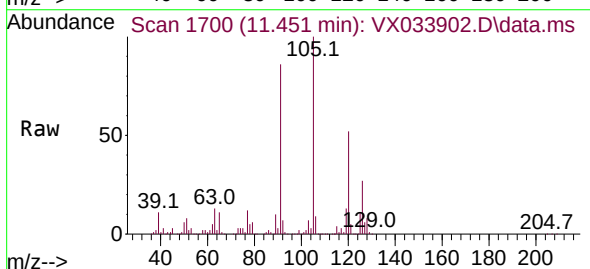
Acq: 26 Jan 2023 11:36

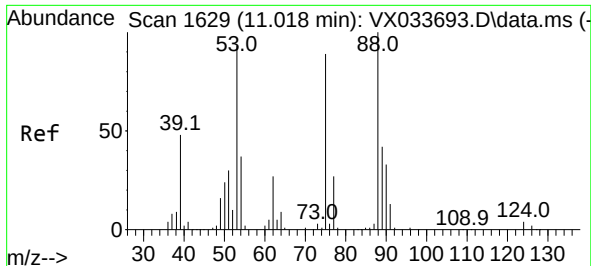
Tgt Ion:105 Resp: 314625

Ion Ratio Lower Upper

105 100

120 51.7 25.6 76.8





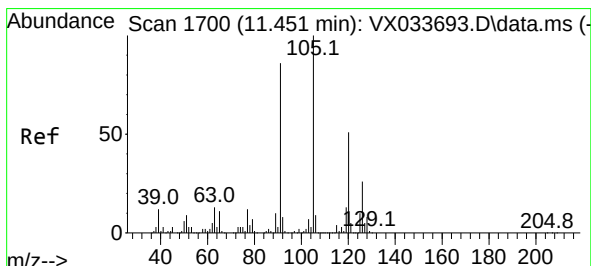
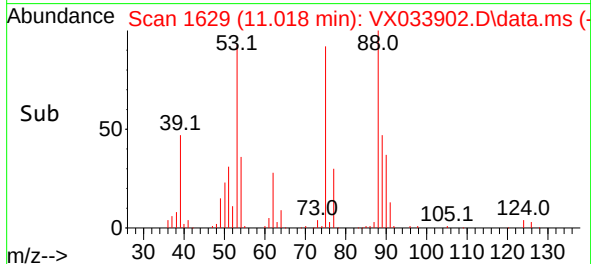
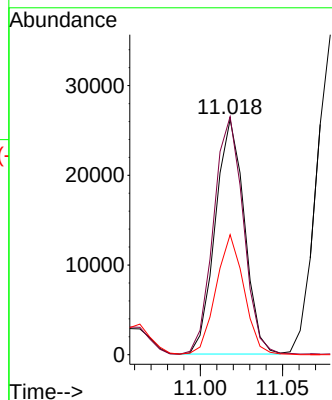
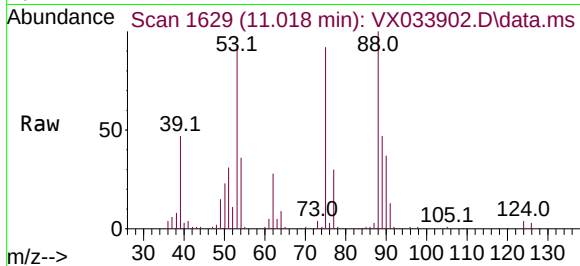
#81
trans-1,4-Dichloro-2-butene
Concen: 49.582 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX033902.D
Acq: 26 Jan 2023 11:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 3222
Ion Ratio Lower Upper
75 100
53 104.0 83.0 124.6
89 49.1 37.7 56.5

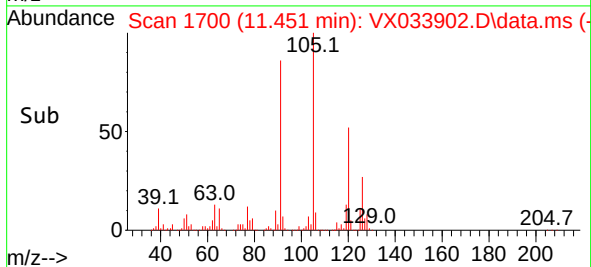
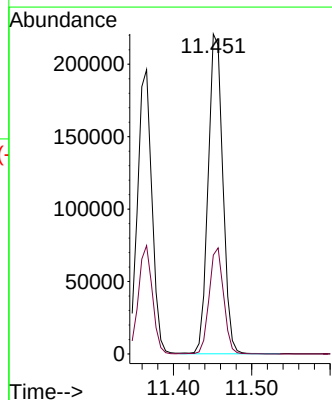
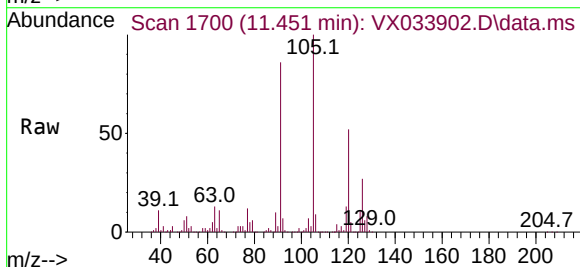
Manual Integrations
APPROVED

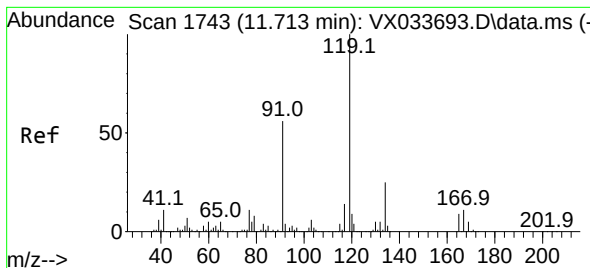
Reviewed By :John Carlone 01/27/2023
Supervised By :Semsettin Yesilyurt 01/27/2023



#82
4-Chlorotoluene
Concen: 51.856 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX033902.D
Acq: 26 Jan 2023 11:36

Tgt Ion: 91 Resp: 286997
Ion Ratio Lower Upper
91 100
126 32.6 15.8 47.4





#83

tert-Butylbenzene

Concen: 50.892 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX033902.D

Acq: 26 Jan 2023 11:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:119 Resp: 33425

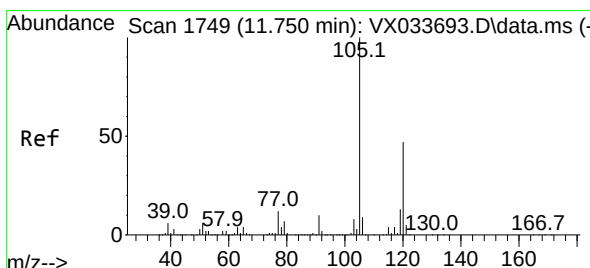
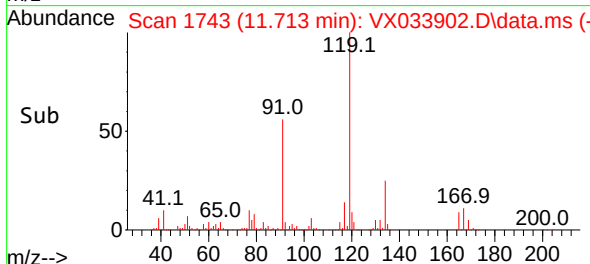
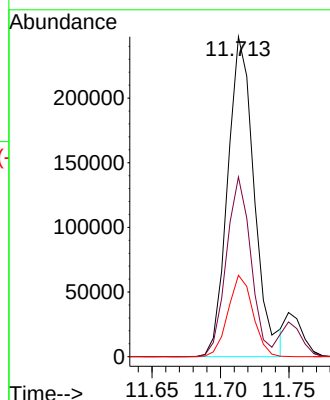
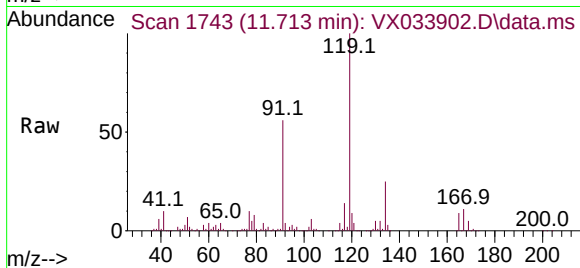
Ion	Ratio	Lower	Upper
119	100		
91	52.2	26.9	80.7
134	23.9	12.3	36.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/27/2023

Supervised By :Semsettin Yesilyurt 01/27/2023



#84

1,2,4-Trimethylbenzene

Concen: 50.414 ug/l

RT: 11.750 min Scan# 1749

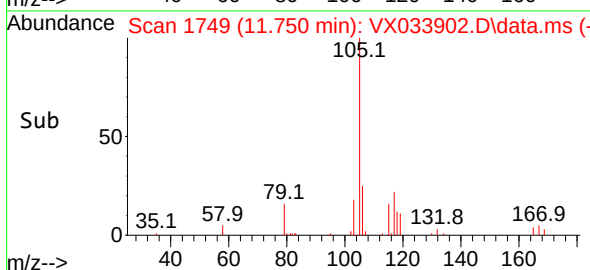
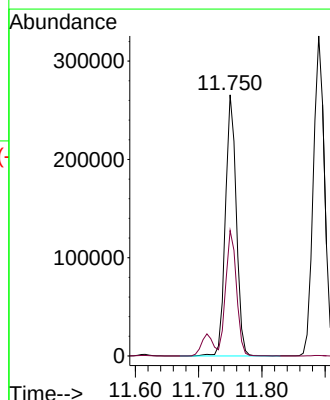
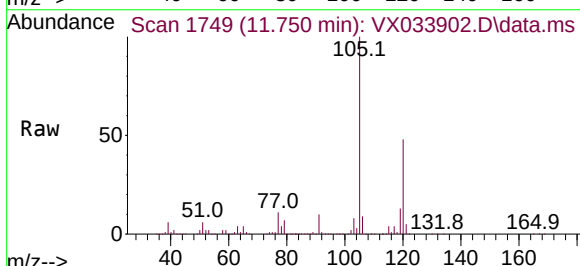
Delta R.T. -0.000 min

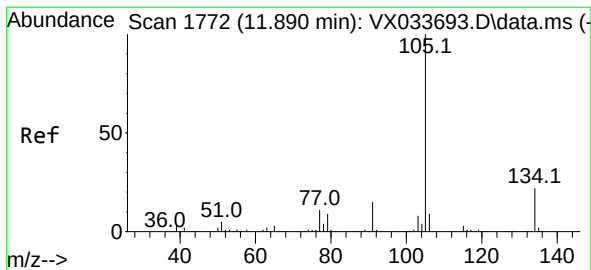
Lab File: VX033902.D

Acq: 26 Jan 2023 11:36

Tgt Ion:105 Resp: 315447

Ion	Ratio	Lower	Upper
105	100		
120	47.4	23.4	70.2





#85

sec-Butylbenzene

Concen: 50.820 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. -0.000 min

Lab File: VX033902.D

Acq: 26 Jan 2023 11:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 399228

Ion Ratio Lower Upper

105 100

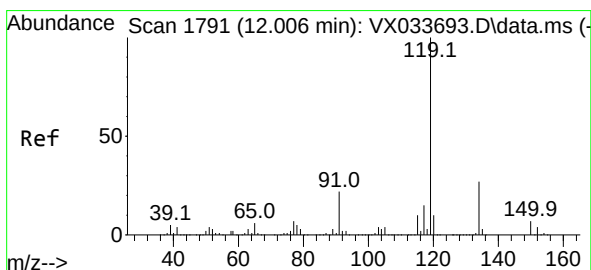
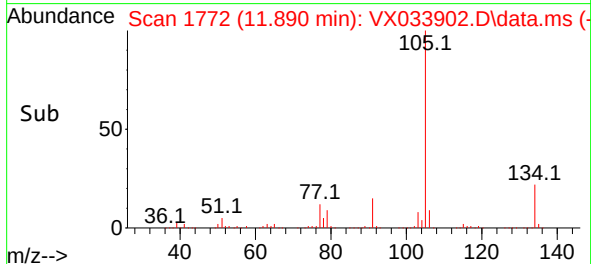
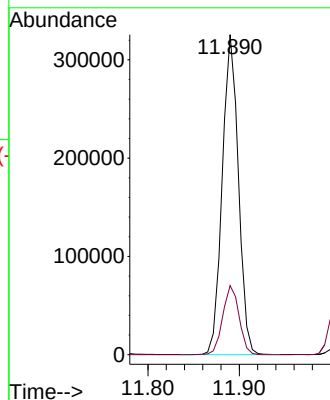
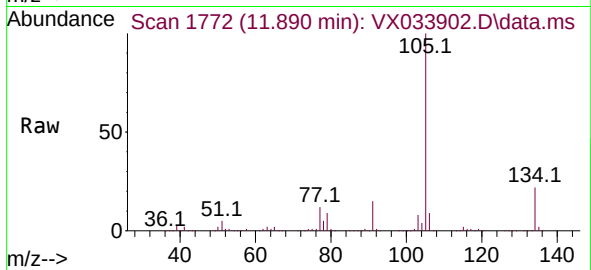
134 21.9 10.8 32.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/27/2023

Supervised By :Semsettin Yesilyurt 01/27/2023



#86

p-Isopropyltoluene

Concen: 51.729 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VX033902.D

Acq: 26 Jan 2023 11:36

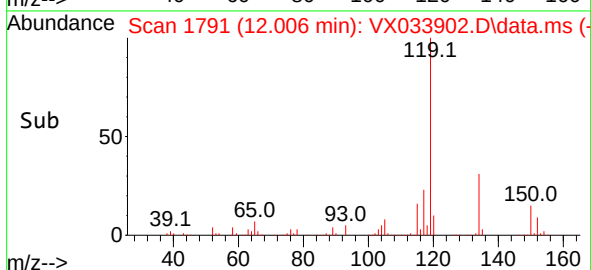
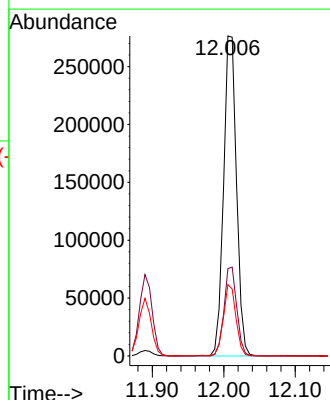
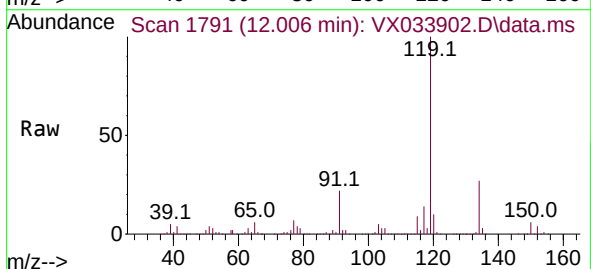
Tgt Ion:119 Resp: 347911

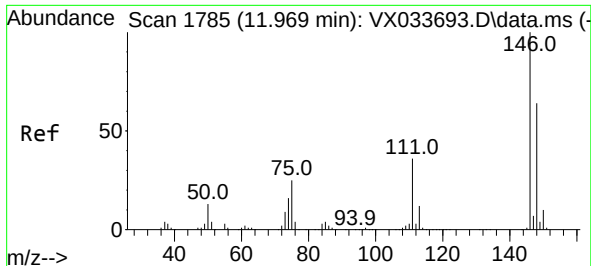
Ion Ratio Lower Upper

119 100

134 27.4 13.6 40.8

91 21.6 11.0 33.0





#87

1,3-Dichlorobenzene

Concen: 51.049 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX033902.D

Acq: 26 Jan 2023 11:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 189610

Ion Ratio Lower Upper

146 100

111 36.5 18.6 55.6

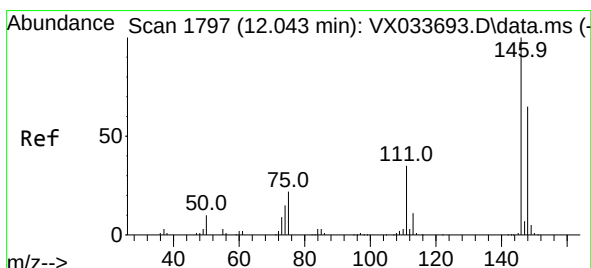
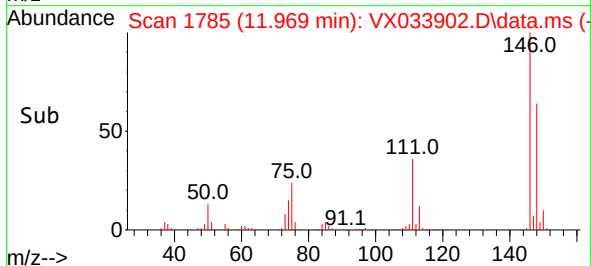
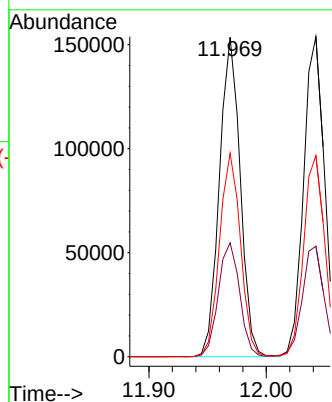
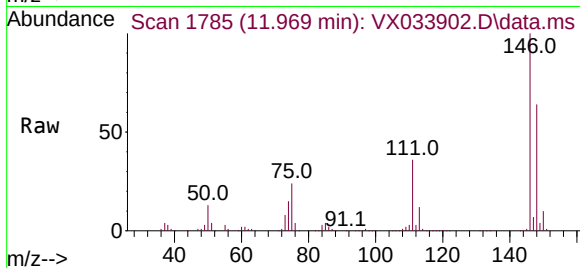
148 64.2 31.9 95.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/27/2023

Supervised By :Semsettin Yesilyurt 01/27/2023



#88

1,4-Dichlorobenzene

Concen: 50.470 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX033902.D

Acq: 26 Jan 2023 11:36

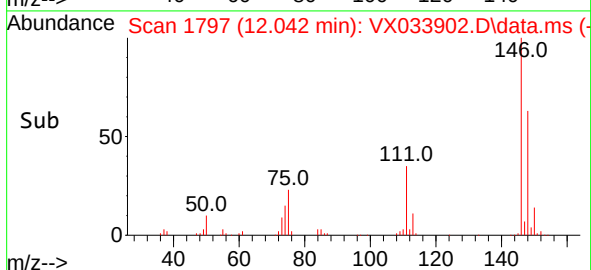
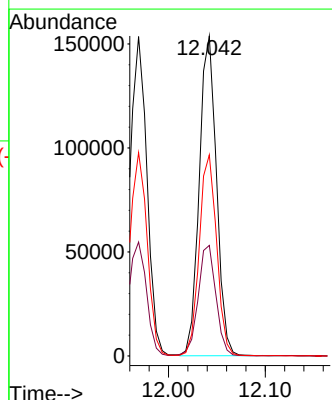
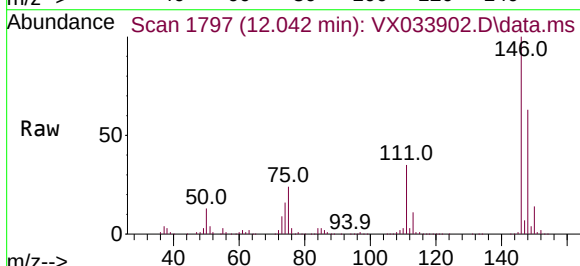
Tgt Ion:146 Resp: 190971

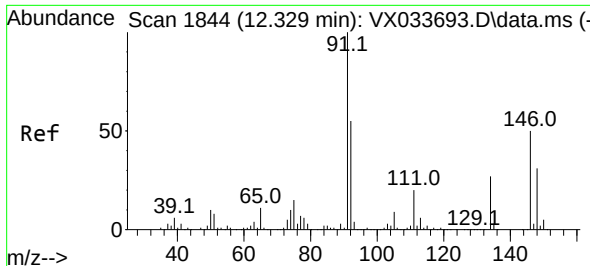
Ion Ratio Lower Upper

146 100

111 35.8 17.8 53.4

148 63.5 32.1 96.3





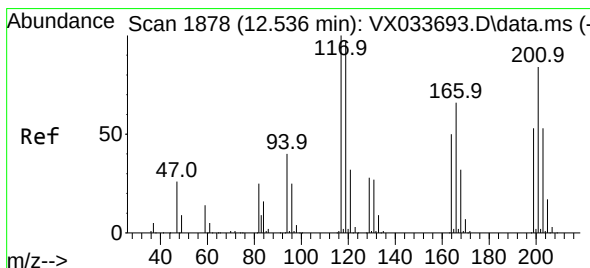
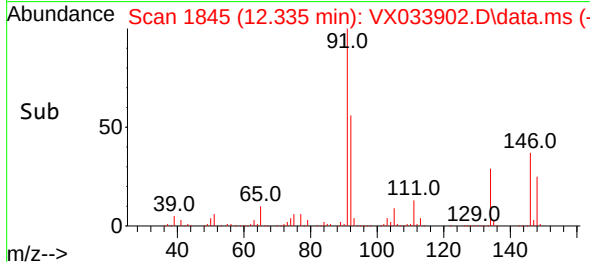
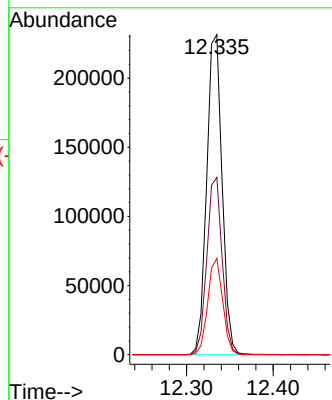
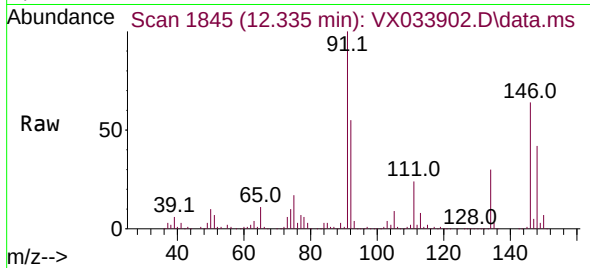
#89
n-Butylbenzene
Concen: 51.958 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX033902.D
Acq: 26 Jan 2023 11:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 28588
Ion Ratio Lower Upper
91 100
92 55.1 27.5 82.5
134 29.2 14.3 42.9

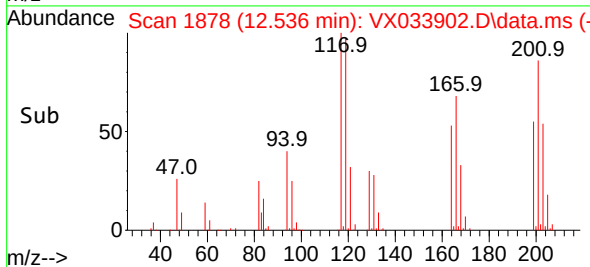
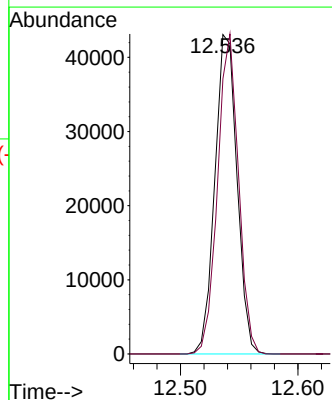
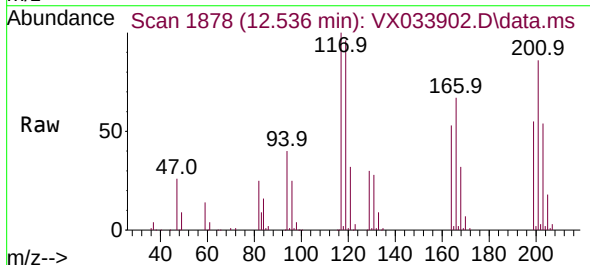
Manual Integrations
APPROVED

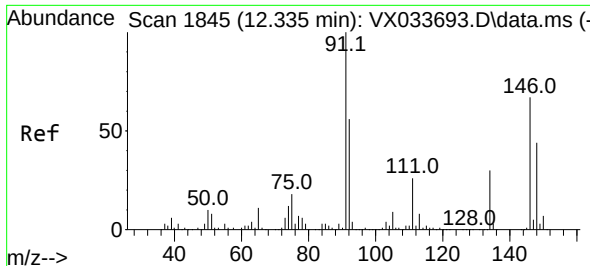
Reviewed By :John Carlone 01/27/2023
Supervised By :Semsettin Yesilyurt 01/27/2023



#90
Hexachloroethane
Concen: 51.031 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX033902.D
Acq: 26 Jan 2023 11:36

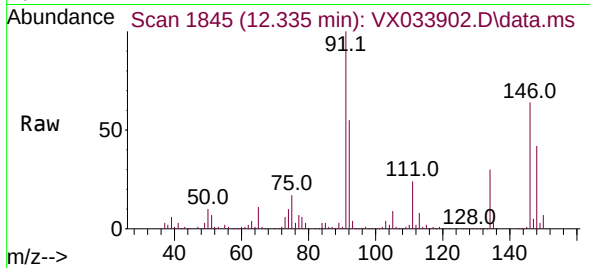
Tgt Ion:117 Resp: 56457
Ion Ratio Lower Upper
117 100
201 94.3 45.1 135.3





#91
1,2-Dichlorobenzene
Concen: 51.091 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX033902.D
Acq: 26 Jan 2023 11:36

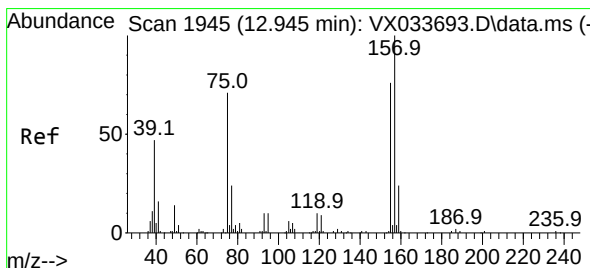
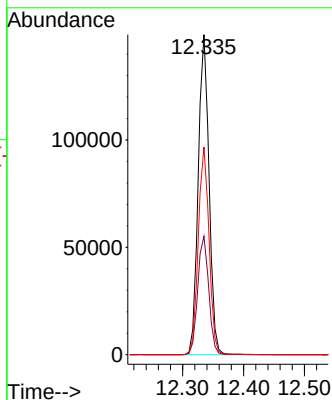
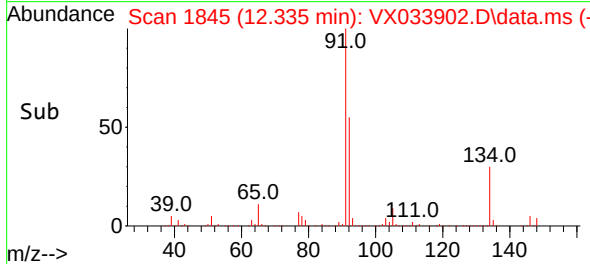
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:146 Resp: 183125
Ion Ratio Lower Upper
146 100
111 37.7 19.3 57.8
148 64.6 32.3 96.9

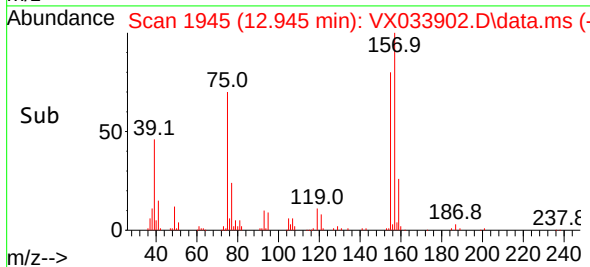
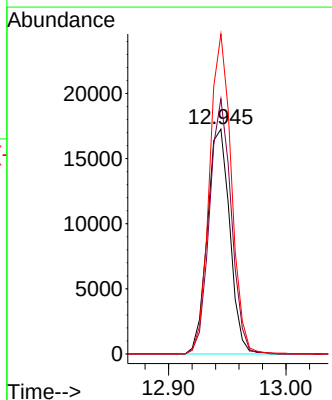
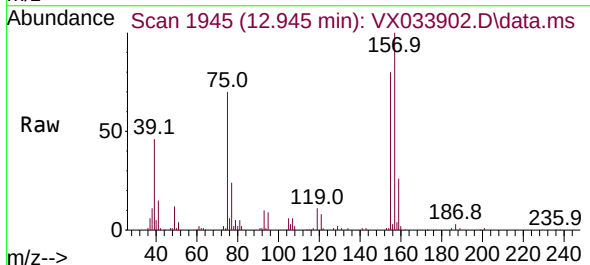
Manual Integrations
APPROVED

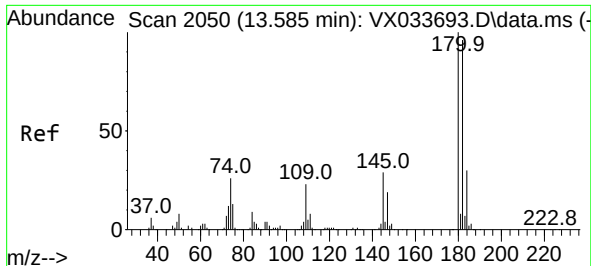
Reviewed By :John Carlone 01/27/2023
Supervised By :Semsettin Yesilyurt 01/27/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 51.306 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX033902.D
Acq: 26 Jan 2023 11:36

Tgt Ion: 75 Resp: 23015
Ion Ratio Lower Upper
75 100
155 109.2 51.7 155.1
157 137.5 67.5 202.3





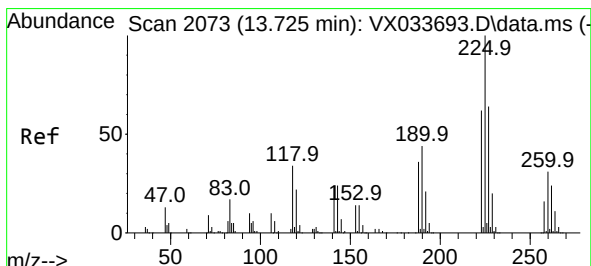
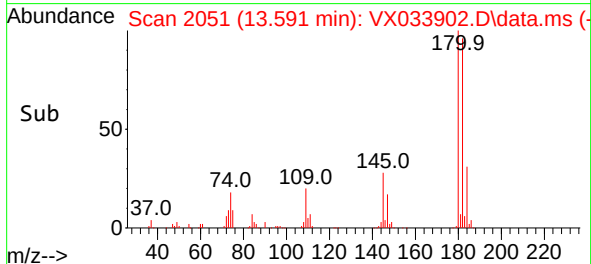
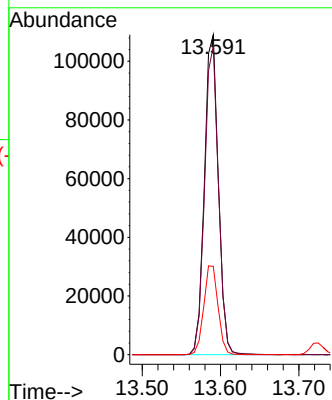
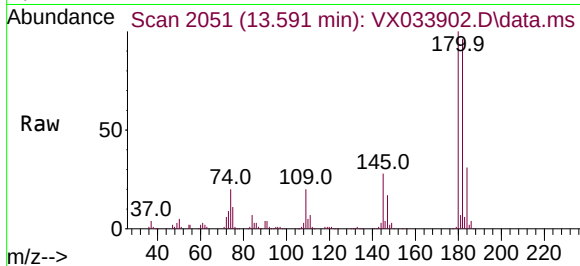
#93
1,2,4-Trichlorobenzene
Concen: 55.735 ug/l
RT: 13.591 min Scan# 2050
Delta R.T. 0.006 min
Lab File: VX033902.D
Acq: 26 Jan 2023 11:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:180 Resp: 13456
Ion Ratio Lower Upper
180 100
182 96.2 47.9 143.6
145 28.4 14.1 42.2

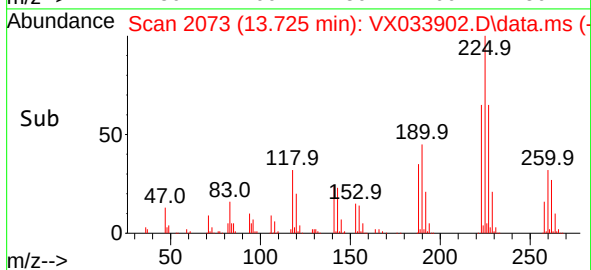
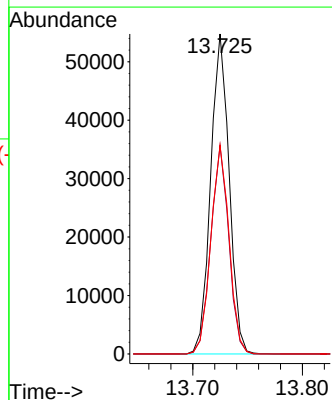
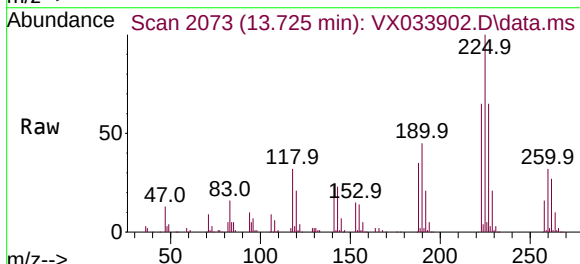
Manual Integrations
APPROVED

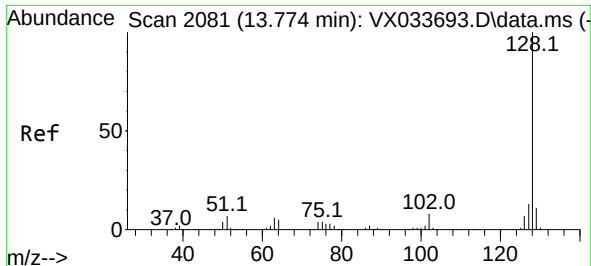
Reviewed By :John Carlone 01/27/2023
Supervised By :Semsettin Yesilyurt 01/27/2023



#94
Hexachlorobutadiene
Concen: 54.180 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX033902.D
Acq: 26 Jan 2023 11:36

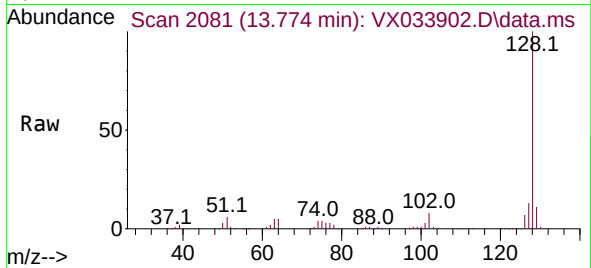
Tgt Ion:225 Resp: 64078
Ion Ratio Lower Upper
225 100
223 63.3 31.3 93.9
227 64.4 32.3 96.9





#95
Naphthalene
Concen: 54.731 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX033902.D
Acq: 26 Jan 2023 11:36

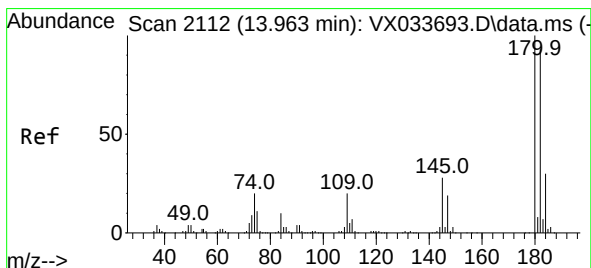
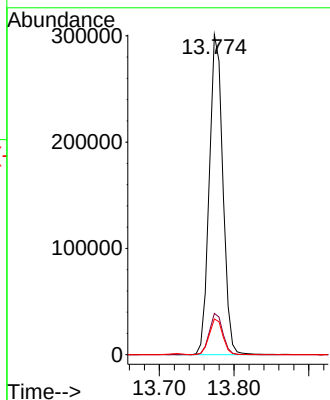
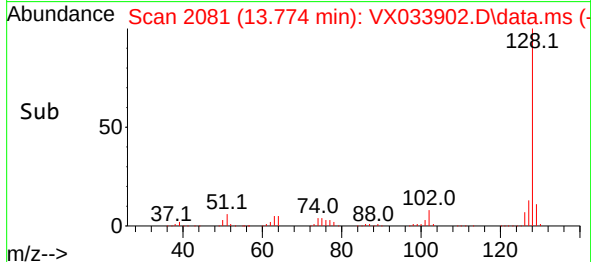
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



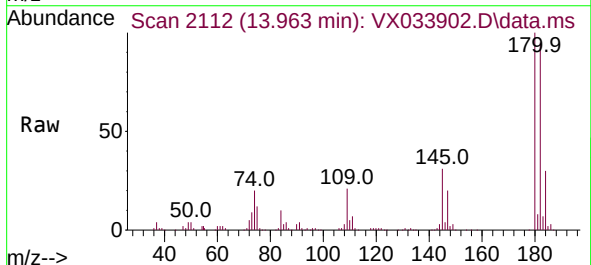
Tgt Ion:128 Resp: 380160
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 11.2 8.7 13.1

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 55.186 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX033902.D
Acq: 26 Jan 2023 11:36



Tgt Ion:180 Resp: 133323
Ion Ratio Lower Upper
180 100
182 94.4 47.6 142.9
145 30.0 15.1 45.3

