

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101723\
 Data File : VX038345.D
 Acq On : 17 Oct 2023 21:19
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Oct 18 04:07:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 05 15:27:13 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 10/18/2023
 Supervised By : Semsettin Yesilyurt 10/20/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	151599	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	258809	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	257770	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	142976	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	108852	44.641	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	89.280%		
35) Dibromofluoromethane	5.385	113	92309	49.499	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.000%		
50) Toluene-d8	8.647	98	340517	47.784	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	95.560%		
62) 4-Bromofluorobenzene	11.079	95	136080	50.370	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	100.740%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	83105	56.792	ug/l	98
3) Chloromethane	1.294	50	81636	54.736	ug/l	97
4) Vinyl Chloride	1.374	62	99056	59.903	ug/l	96
5) Bromomethane	1.599	94	124381	57.397	ug/l	95
6) Chloroethane	1.685	64	68517	56.014	ug/l	98
7) Trichlorofluoromethane	1.886	101	187404	57.376	ug/l	99
8) Diethyl Ether	2.130	74	64783	53.181	ug/l	75
9) 1,1,2-Trichlorotrifluo...	2.331	101	81078	56.861	ug/l	97
10) Methyl Iodide	2.453	142	108480	52.875	ug/l	94
11) Tert butyl alcohol	2.959	59	127389	236.049	ug/l #	91
12) 1,1-Dichloroethene	2.319	96	78335	56.478	ug/l	86
13) Acrolein	2.233	56	65206	188.108	ug/l	100
14) Allyl chloride	2.666	41	121528	48.986	ug/l #	94
15) Acrylonitrile	3.062	53	276360	249.051	ug/l	99
16) Acetone	2.380	43	238857	234.714	ug/l	91
17) Carbon Disulfide	2.514	76	196923	49.260	ug/l	100
18) Methyl Acetate	2.703	43	227472	52.124	ug/l	91
19) Methyl tert-butyl Ether	3.111	73	285448	51.674	ug/l	98
20) Methylene Chloride	2.788	84	92419	48.281	ug/l	89
21) trans-1,2-Dichloroethene	3.093	96	90076	52.451	ug/l	87
22) Diisopropyl ether	3.757	45	262951	50.572	ug/l	95
23) Vinyl Acetate	3.721	43	964072	252.834	ug/l #	94
24) 1,1-Dichloroethane	3.611	63	157835	50.019	ug/l	98
25) 2-Butanone	4.550	43	397928	242.350	ug/l #	90
26) 2,2-Dichloropropane	4.477	77	115576	46.913	ug/l	95
27) cis-1,2-Dichloroethene	4.489	96	107817	52.715	ug/l	88
28) Bromochloromethane	4.904	49	67902	47.668	ug/l #	81
29) Tetrahydrofuran	5.001	42	258853	242.141	ug/l #	86
30) Chloroform	5.093	83	186137	53.943	ug/l	94
31) Cyclohexane	5.471	56	135441	51.268	ug/l	89
32) 1,1,1-Trichloroethane	5.385	97	159777	54.060	ug/l	98
36) 1,1-Dichloropropene	5.690	75	130098	50.590	ug/l	96
37) Ethyl Acetate	4.708	43	150145	49.161	ug/l	96
38) Carbon Tetrachloride	5.678	117	137864	54.495	ug/l	96
39) Methylcyclohexane	7.379	83	157902	52.421	ug/l	92
40) Benzene	6.037	78	377470	52.479	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	77439	50.969	ug/l #	89
42) 1,2-Dichloroethane	6.086	62	144430	50.258	ug/l	99
43) Isopropyl Acetate	6.336	43	231161	50.700	ug/l #	96
44) Trichloroethene	7.129	130	105924	56.305	ug/l	97
45) 1,2-Dichloropropane	7.427	63	95964	51.549	ug/l	99
46) Dibromomethane	7.580	93	76976	53.313	ug/l	97
47) Bromodichloromethane	7.824	83	140212	54.588	ug/l	99
48) Methyl methacrylate	7.690	41	111004	50.999	ug/l #	84
49) 1,4-Dioxane	7.659	88	49985	931.939	ug/l #	86
51) 4-Methyl-2-Pentanone	8.574	43	807056	256.626	ug/l	96
52) Toluene	8.720	92	254999	54.424	ug/l	94
53) t-1,3-Dichloropropene	8.976	75	150142	54.457	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	156521	54.034	ug/l	90
55) 1,1,2-Trichloroethane	9.153	97	110074	54.925	ug/l	95
56) Ethyl methacrylate	9.116	69	166623	54.227	ug/l	91
57) 1,3-Dichloropropane	9.305	76	173180	53.429	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	358734	237.846	ug/l	96
59) 2-Hexanone	9.427	43	647475	256.097	ug/l	94
60) Dibromochloromethane	9.519	129	114960	58.611	ug/l	100
61) 1,2-Dibromoethane	9.610	107	122482	56.516	ug/l	100
64) Tetrachloroethene	9.275	164	89965	53.912	ug/l	98
65) Chlorobenzene	10.079	112	287972	53.388	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	103821	56.920	ug/l	98
67) Ethyl Benzene	10.195	91	506475	52.604	ug/l	99
68) m/p-Xylenes	10.299	106	399614	107.340	ug/l	97
69) o-Xylene	10.640	106	194133	53.429	ug/l	97
70) Styrene	10.653	104	327136	55.285	ug/l	96
71) Bromoform	10.799	173	85077	50.264	ug/l #	99
73) Isopropylbenzene	10.963	105	515884	53.803	ug/l	98
74) N-amyl acetate	10.842	43	212367	51.865	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	187067	53.168	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	173162m	53.274	ug/l	
77) Bromobenzene	11.195	156	127796	54.592	ug/l	89
78) n-propylbenzene	11.305	91	611462	52.154	ug/l	100
79) 2-Chlorotoluene	11.366	91	359163	51.656	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	441735	53.399	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	49521	44.932	ug/l	92
82) 4-Chlorotoluene	11.451	91	421498	51.229	ug/l	96
83) tert-Butylbenzene	11.713	119	436846	54.044	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	443314	53.749	ug/l	98
85) sec-Butylbenzene	11.890	105	557424	53.237	ug/l	100
86) p-Isopropyltoluene	12.006	119	465997	53.942	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	248882	52.932	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	249056	51.884	ug/l	98
89) n-Butylbenzene	12.335	91	437892	50.897	ug/l	97
90) Hexachloroethane	12.536	117	79985	55.842	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	242008	53.547	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.939	75	43687	51.356	ug/l	80
93) 1,2,4-Trichlorobenzene	13.585	180	155745	51.378	ug/l	98
94) Hexachlorobutadiene	13.725	225	63344	51.918	ug/l	98
95) Naphthalene	13.774	128	541805	51.324	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	151607	51.652	ug/l	97

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QLast Update : Thu Oct 05 15:27:13 2023
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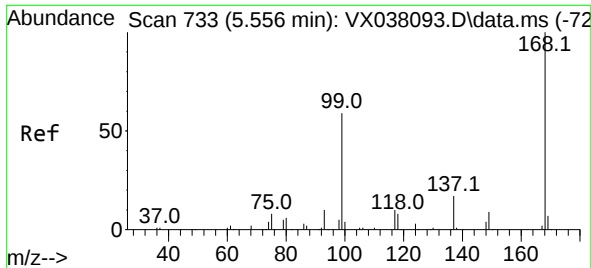
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations

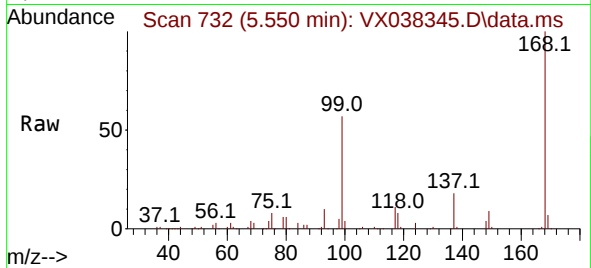
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
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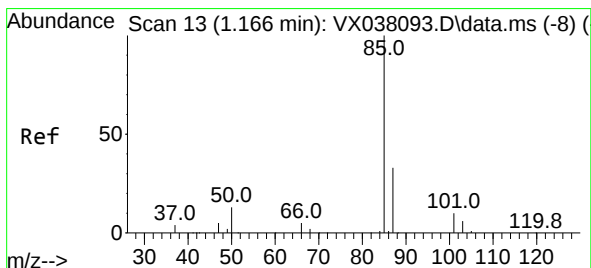
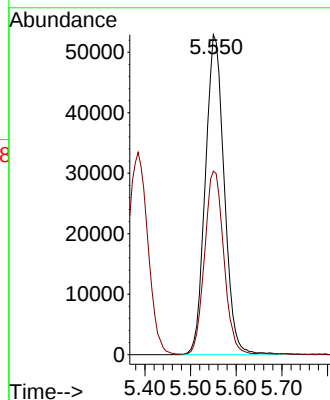
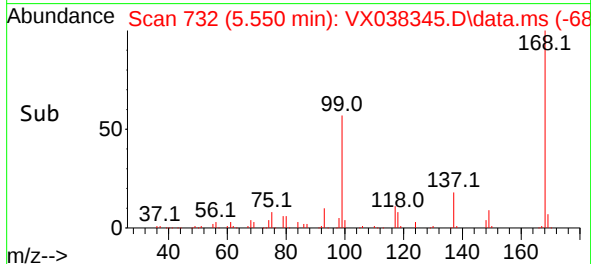
Instrument :
MSVOA_X
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Tgt Ion:168 Resp: 151599
Ion Ratio Lower Upper
168 100
99 57.1 56.6 85.0

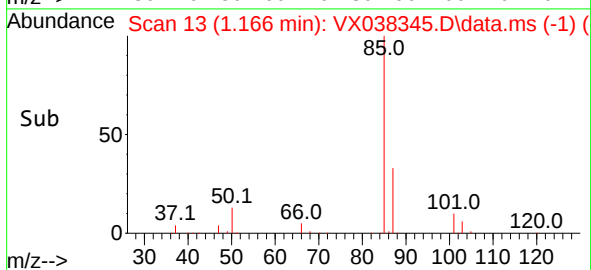
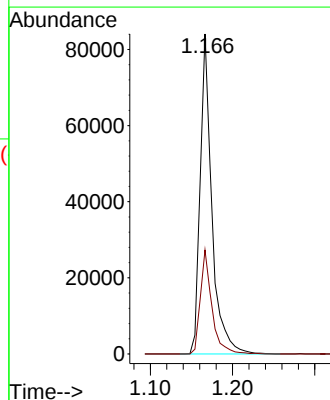
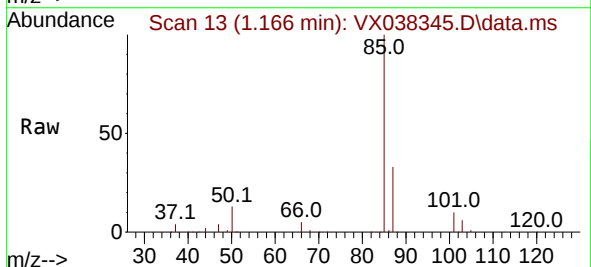
Manual Integrations
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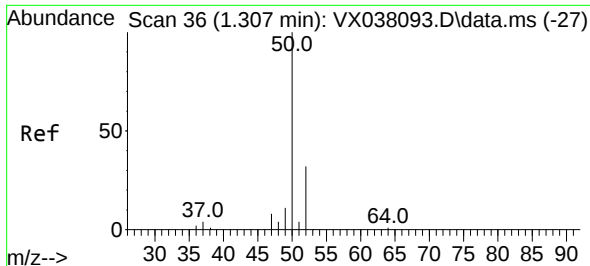
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#2
Dichlorodifluoromethane
Concen: 56.792 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX038345.D
Acq: 17 Oct 2023 21:19

Tgt Ion: 85 Resp: 83105
Ion Ratio Lower Upper
85 100
87 32.5 16.7 50.1





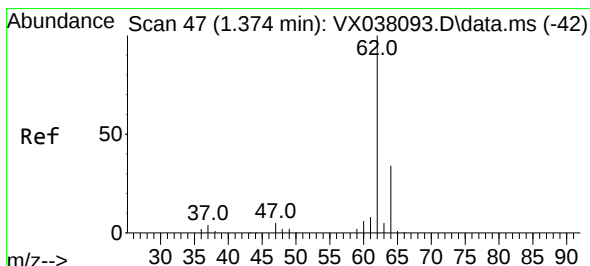
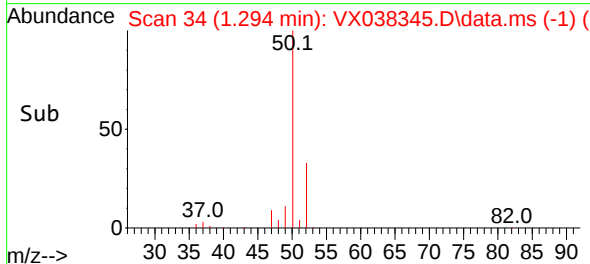
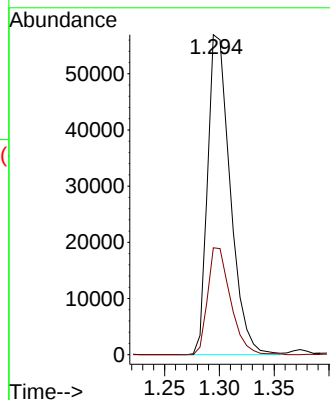
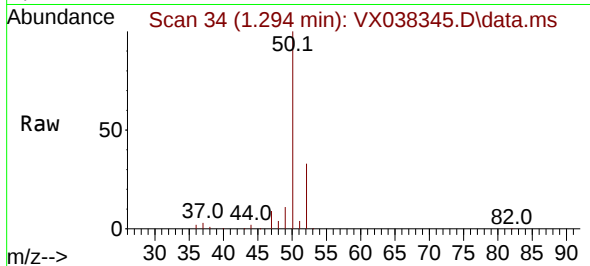
#3
Chloromethane
Concen: 54.736 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.007 min
Lab File: VX038345.D
Acq: 17 Oct 2023 21:19

Instrument :
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ClientSampleId :
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Tgt Ion: 50 Resp: 81636
Ion Ratio Lower Upper
50 100
52 33.4 25.5 38.3

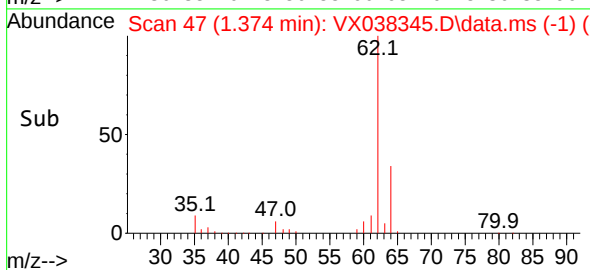
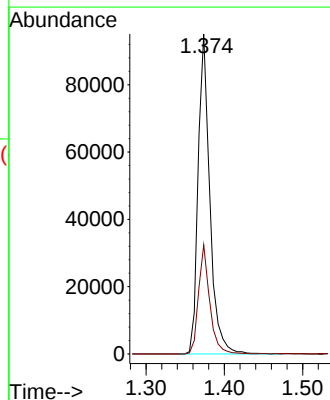
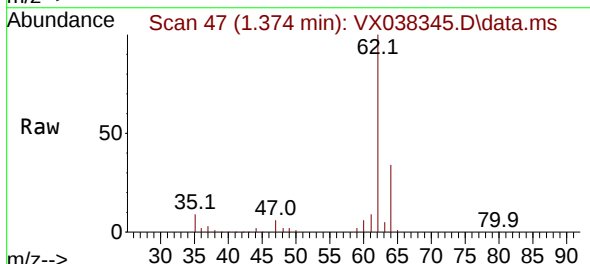
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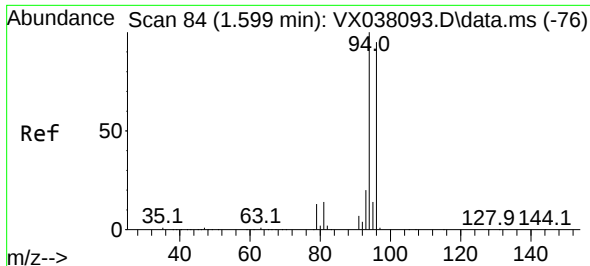
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#4
Vinyl Chloride
Concen: 59.903 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX038345.D
Acq: 17 Oct 2023 21:19

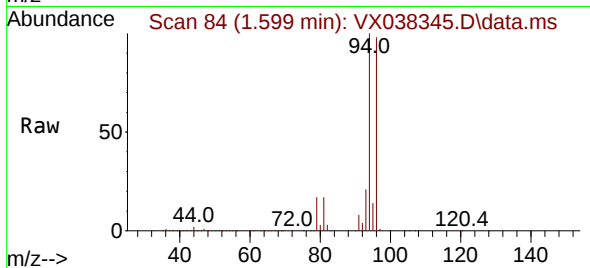
Tgt Ion: 62 Resp: 99056
Ion Ratio Lower Upper
62 100
64 34.1 25.4 38.0





#5
Bromomethane
Concen: 57.397 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX038345.D
Acq: 17 Oct 2023 21:19

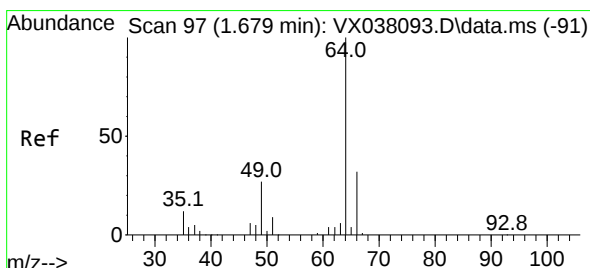
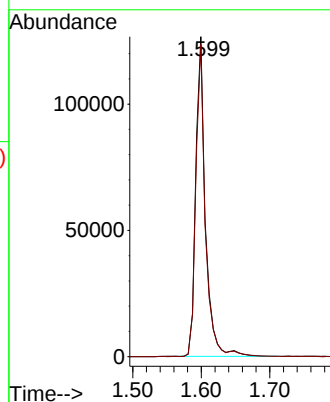
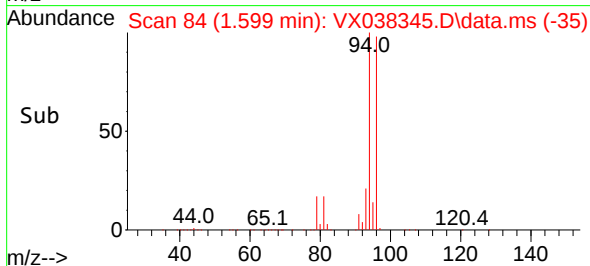
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Tgt Ion: 94 Resp: 12438
Ion Ratio Lower Upper
94 100
96 97.6 74.6 111.8

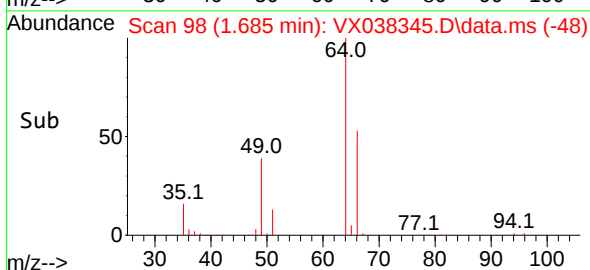
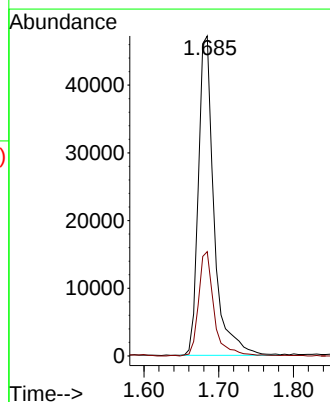
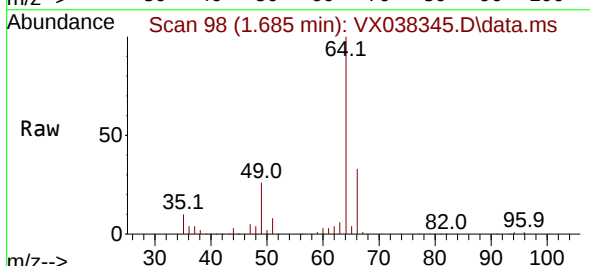
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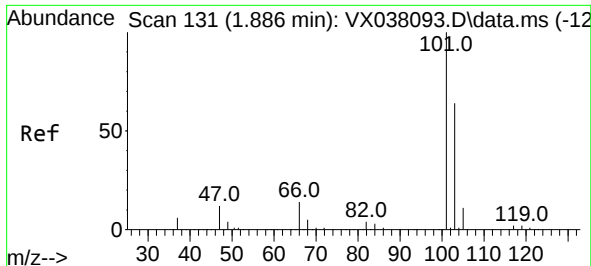
Reviewed By :John Carlone 10/18/2023
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#6
Chloroethane
Concen: 56.014 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.006 min
Lab File: VX038345.D
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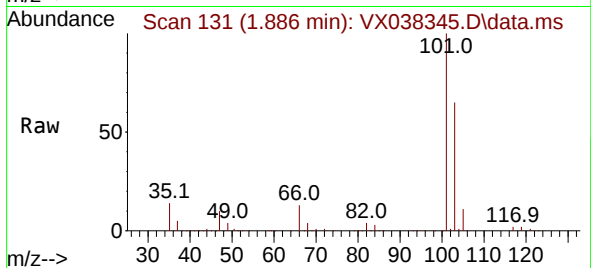
Tgt Ion: 64 Resp: 68517
Ion Ratio Lower Upper
64 100
66 32.7 25.1 37.7





#7
Trichlorofluoromethane
Concen: 57.376 ug/l
RT: 1.886 min Scan# 111
Delta R.T. -0.000 min
Lab File: VX038345.D
Acq: 17 Oct 2023 21:19

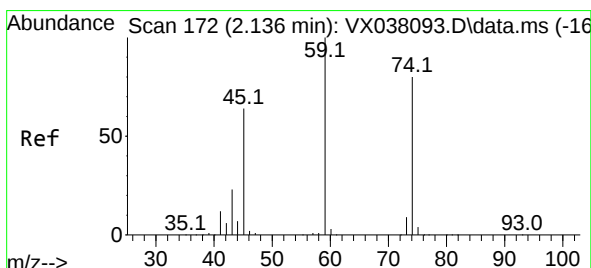
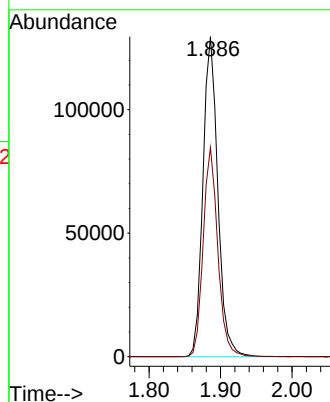
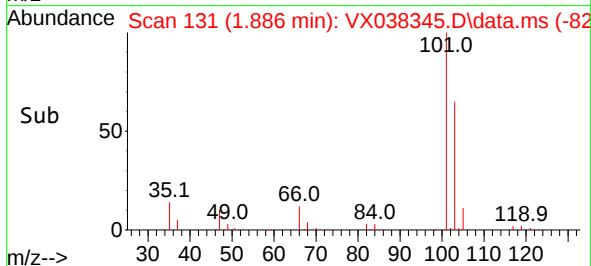
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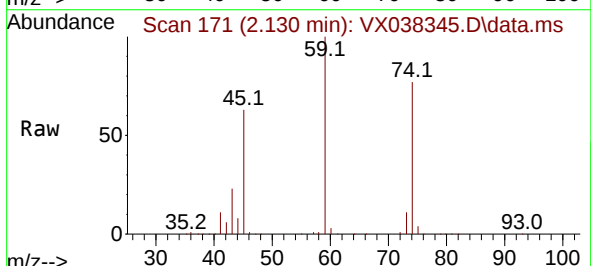
Tgt Ion:101 Resp: 187404
Ion Ratio Lower Upper
101 100
103 65.4 51.4 77.2

Manual Integrations
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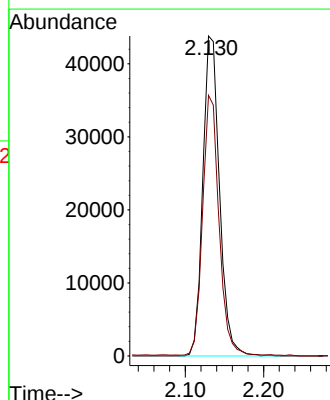
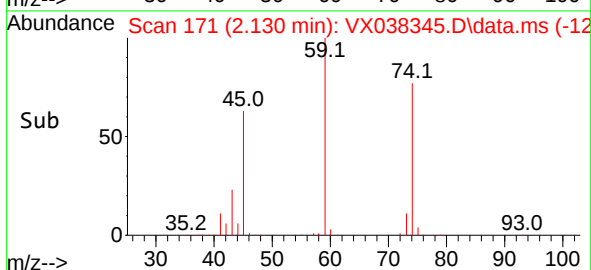
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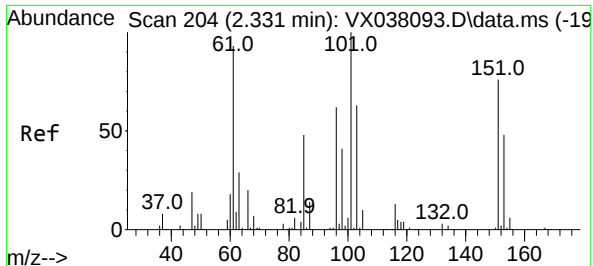


#8
Diethyl Ether
Concen: 53.181 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 64783
Ion Ratio Lower Upper
74 100
45 80.1 53.3 159.8





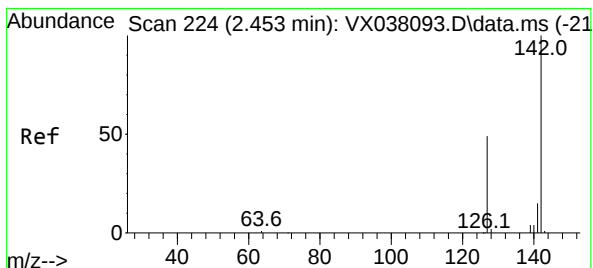
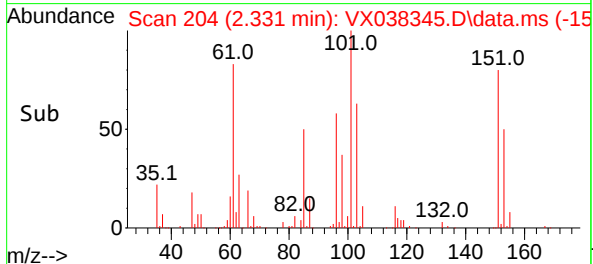
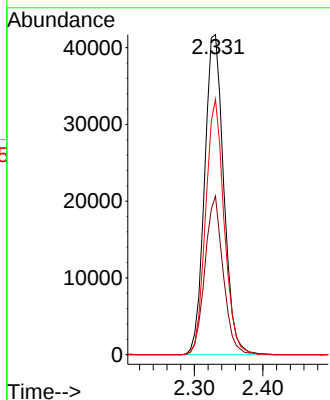
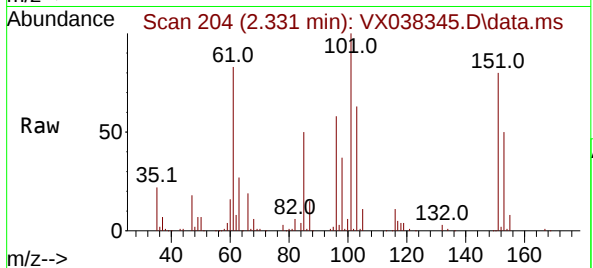
#9
1,1,2-Trichlorotrifluoroethane
Concen: 56.861 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX038345.D
Acq: 17 Oct 2023 21:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 81078
Ion Ratio Lower Upper
101 100
85 47.4 37.0 55.6
151 77.1 58.6 87.8

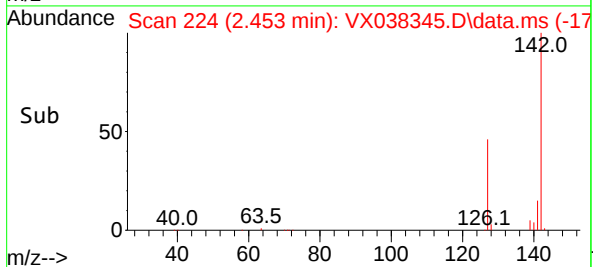
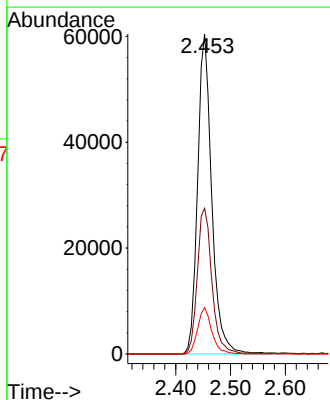
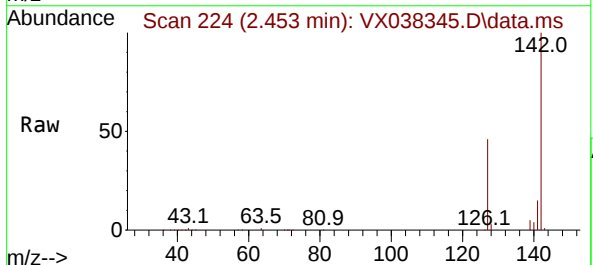
Manual Integrations
APPROVED

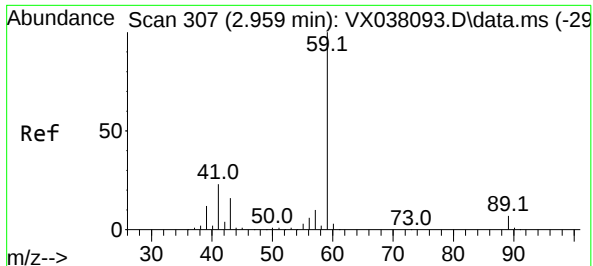
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#10
Methyl Iodide
Concen: 52.875 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX038345.D
Acq: 17 Oct 2023 21:19

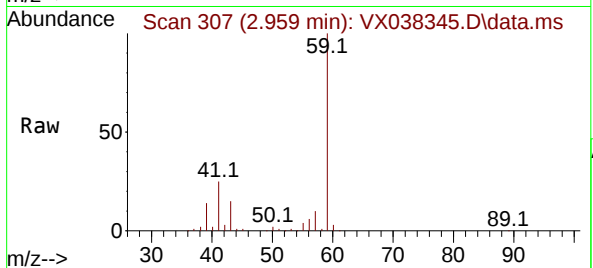
Tgt Ion:142 Resp: 108480
Ion Ratio Lower Upper
142 100
127 47.0 41.6 62.4
141 14.4 11.6 17.4





#11
Tert butyl alcohol
Concen: 236.049 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.000 min
Lab File: VX038345.D
Acq: 17 Oct 2023 21:19

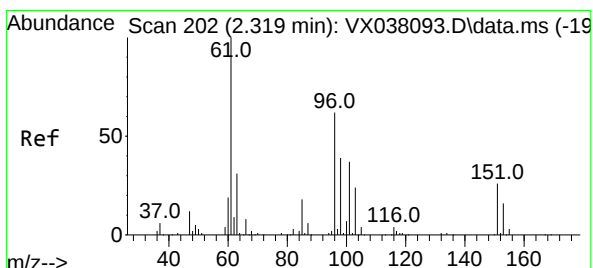
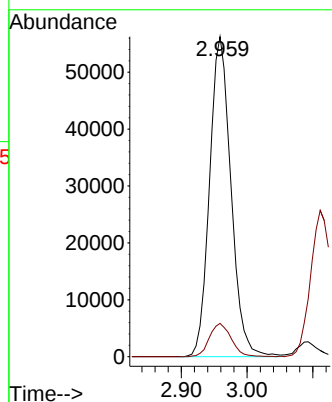
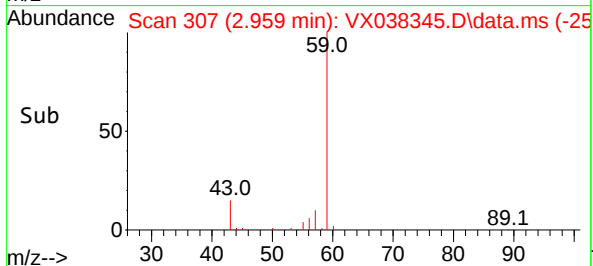
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



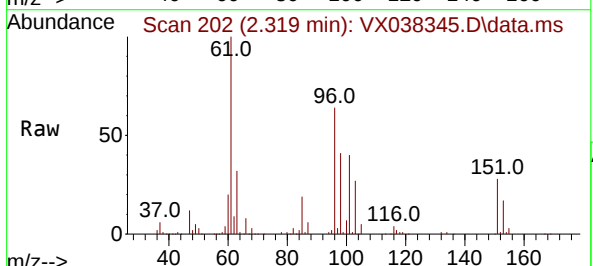
Tgt Ion: 59 Resp: 127389
Ion Ratio Lower Upper
59 100
57 10.6 6.0 9.0

Manual Integrations
APPROVED

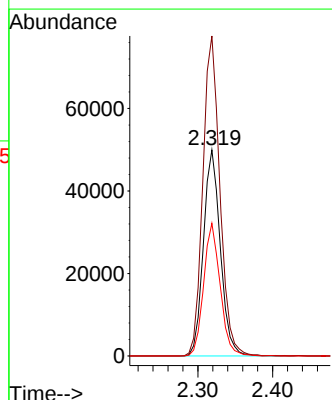
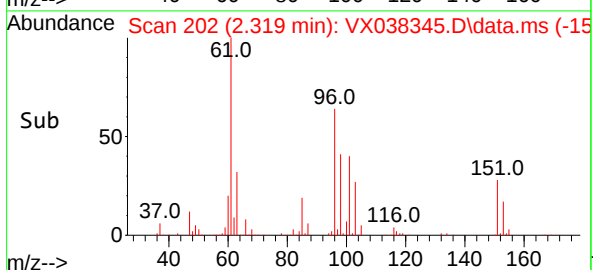
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023

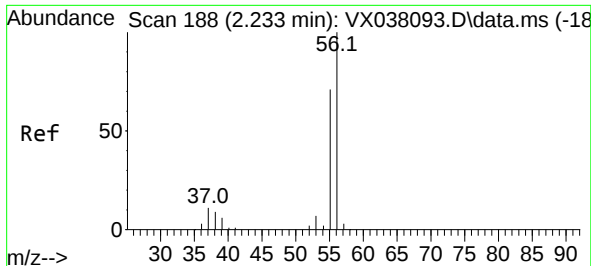


#12
1,1-Dichloroethene
Concen: 56.478 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX038345.D
Acq: 17 Oct 2023 21:19



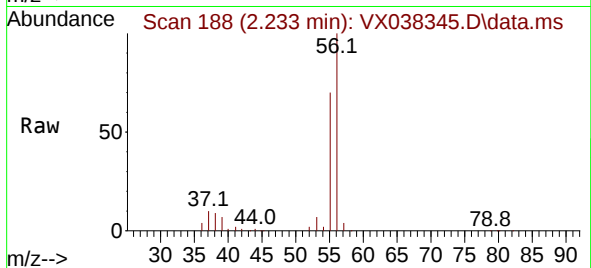
Tgt Ion: 96 Resp: 78335
Ion Ratio Lower Upper
96 100
61 155.2 144.6 216.8
98 64.4 50.4 75.6





#13
Acrolein
Concen: 188.108 ug/l
RT: 2.233 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038345.D
Acq: 17 Oct 2023 21:19

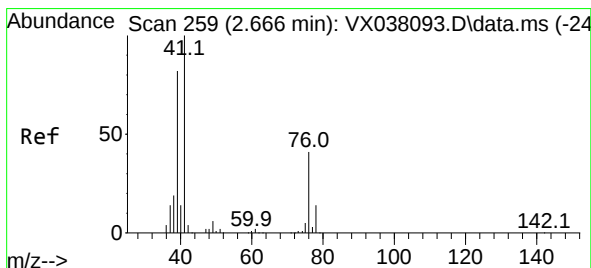
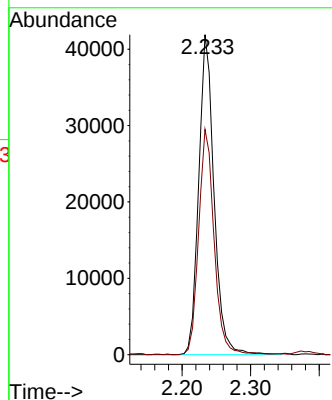
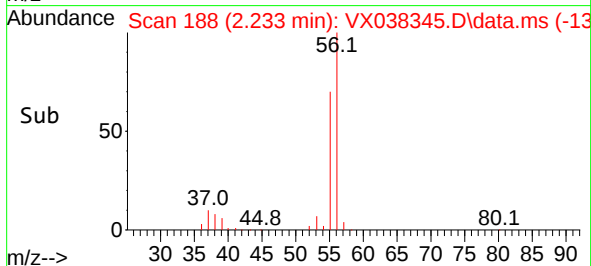
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 65200
Ion Ratio Lower Upper
56 100
55 71.3 57.1 85.7

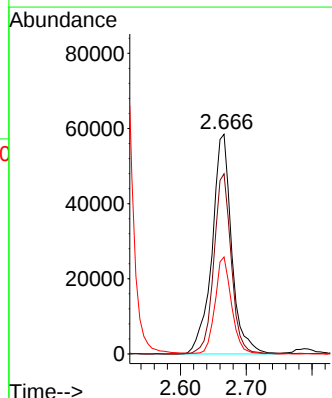
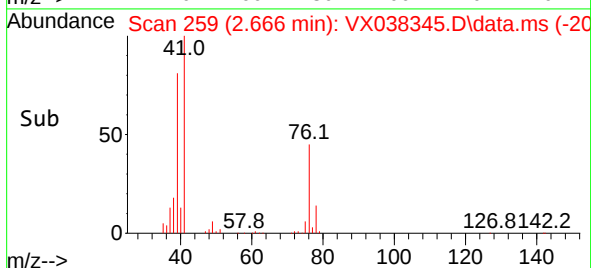
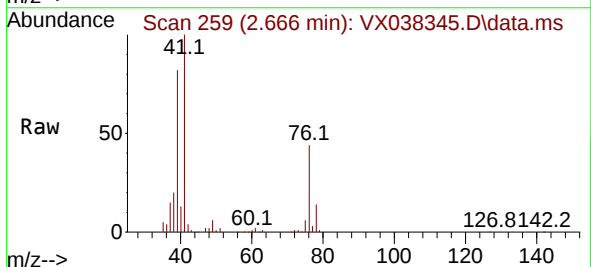
Manual Integrations
APPROVED

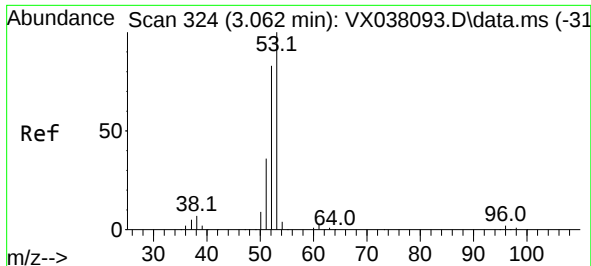
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#14
Allyl chloride
Concen: 48.986 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.006 min
Lab File: VX038345.D
Acq: 17 Oct 2023 21:19

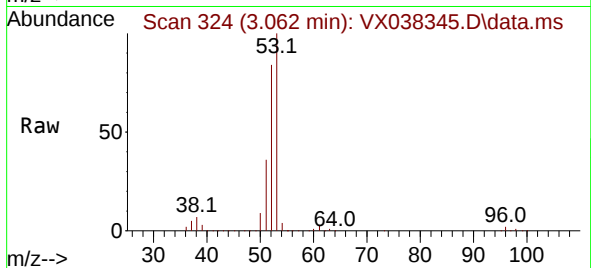
Tgt Ion: 41 Resp: 121528
Ion Ratio Lower Upper
41 100
39 72.6 55.8 83.6
76 37.1 24.3 36.5





#15
Acrylonitrile
Concen: 249.051 ug/l
RT: 3.062 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX038345.D
Acq: 17 Oct 2023 21:19

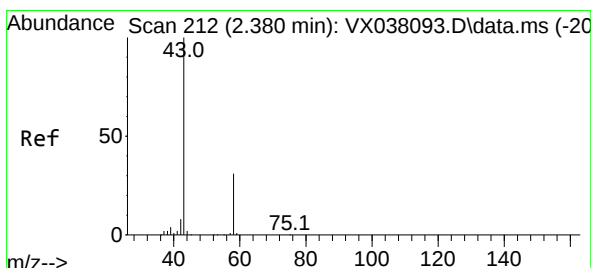
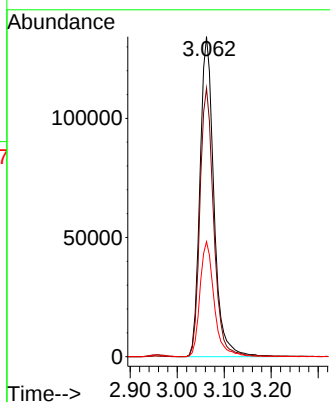
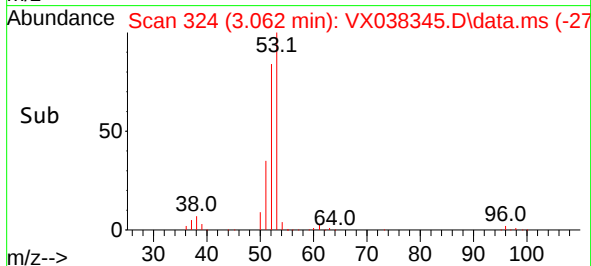
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 276360
Ion Ratio Lower Upper
53 100
52 83.0 66.0 99.0
51 36.7 29.8 44.6

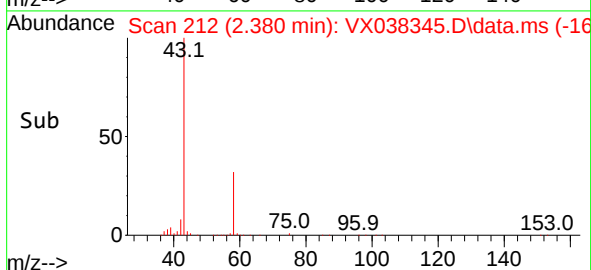
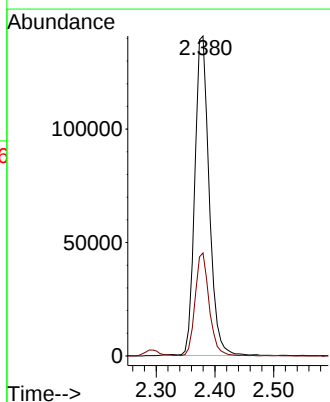
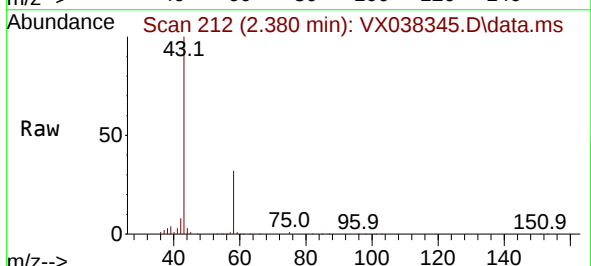
Manual Integrations
APPROVED

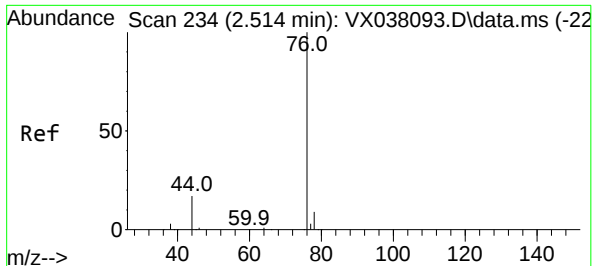
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#16
Acetone
Concen: 234.714 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX038345.D
Acq: 17 Oct 2023 21:19

Tgt Ion: 43 Resp: 238857
Ion Ratio Lower Upper
43 100
58 32.2 21.9 32.9





#17

Carbon Disulfide

Concen: 49.260 ug/l

RT: 2.514 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX038345.D

Acq: 17 Oct 2023 21:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 19692

Ion Ratio Lower Upper

76 100

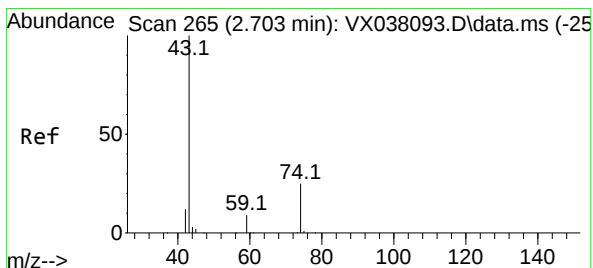
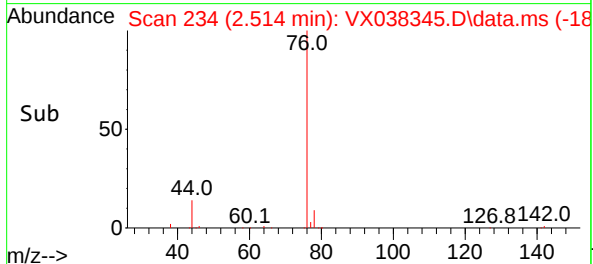
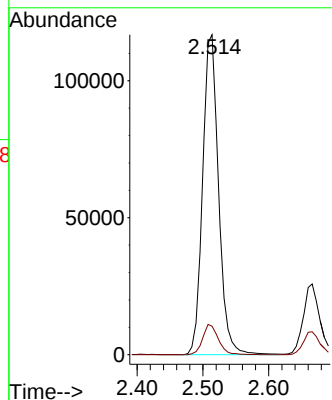
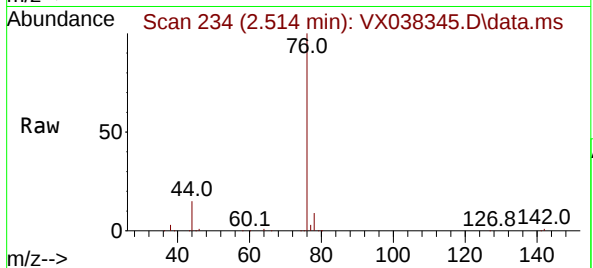
78 8.9 7.0 10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#18

Methyl Acetate

Concen: 52.124 ug/l

RT: 2.703 min Scan# 265

Delta R.T. -0.000 min

Lab File: VX038345.D

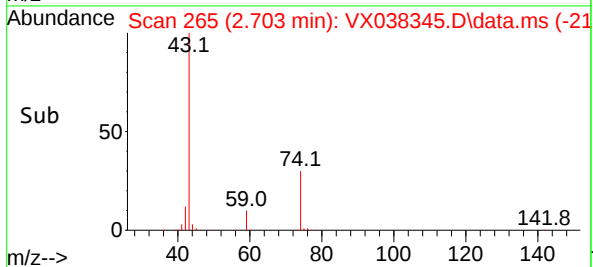
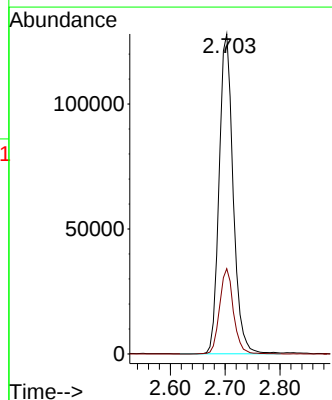
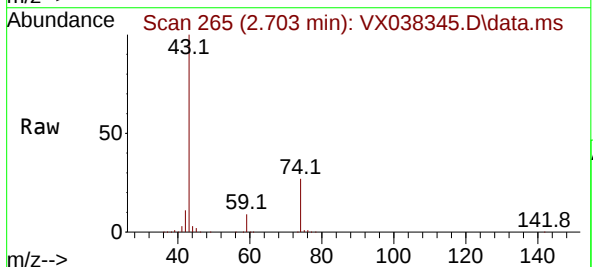
Acq: 17 Oct 2023 21:19

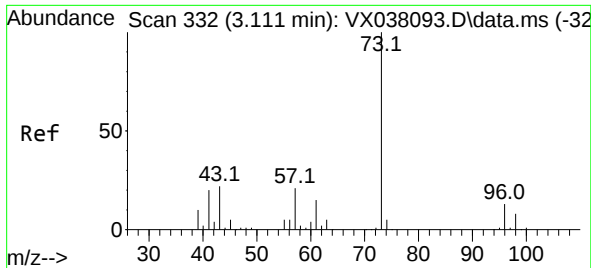
Tgt Ion: 43 Resp: 227472

Ion Ratio Lower Upper

43 100

74 26.5 17.8 26.8





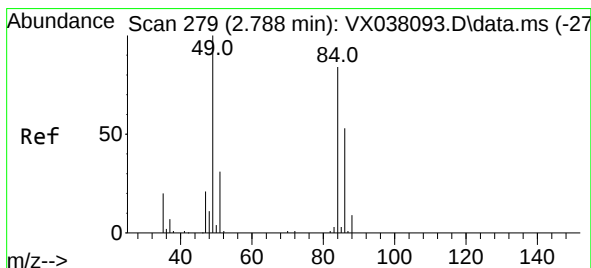
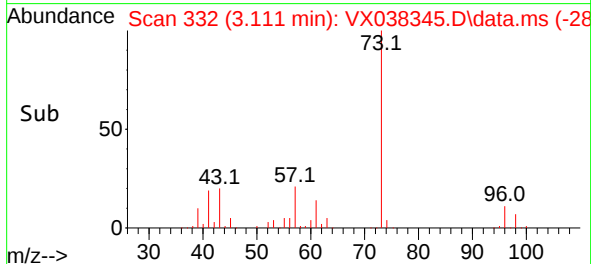
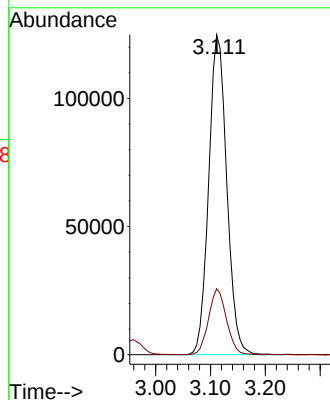
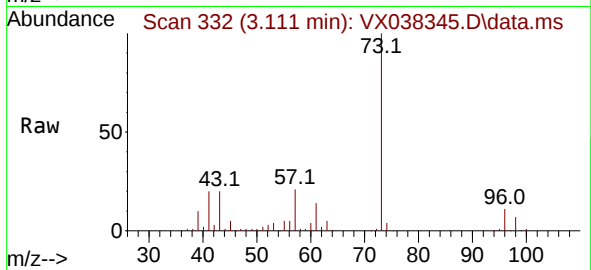
#19
Methyl tert-butyl Ether
Concen: 51.674 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX038345.D
Acq: 17 Oct 2023 21:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 285448
Ion Ratio Lower Upper
73 100
57 20.6 17.3 25.9

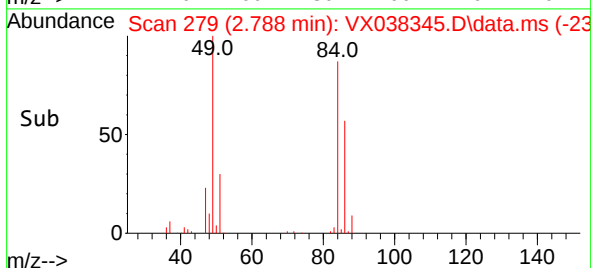
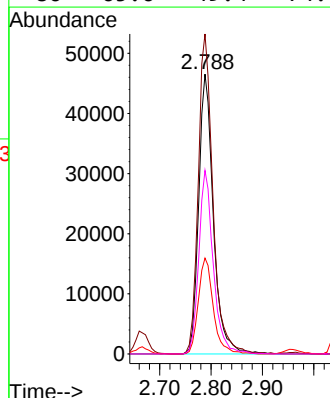
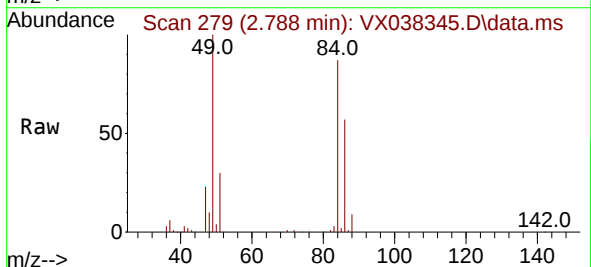
Manual Integrations
APPROVED

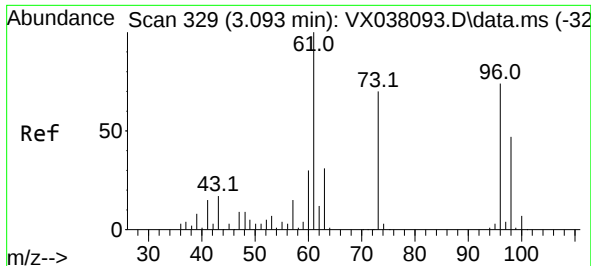
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#20
Methylene Chloride
Concen: 48.281 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX038345.D
Acq: 17 Oct 2023 21:19

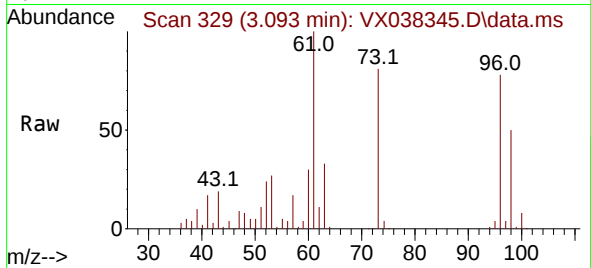
Tgt Ion: 84 Resp: 92419
Ion Ratio Lower Upper
84 100
49 114.4 103.6 155.4
51 34.3 33.8 50.6
86 65.6 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 52.451 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX038345.D
Acq: 17 Oct 2023 21:19

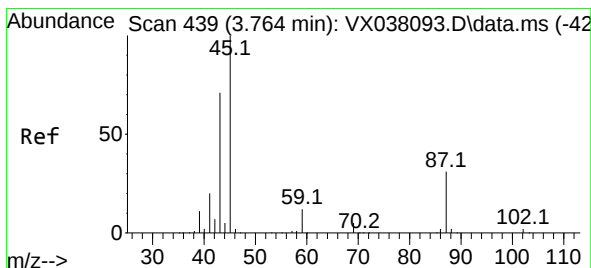
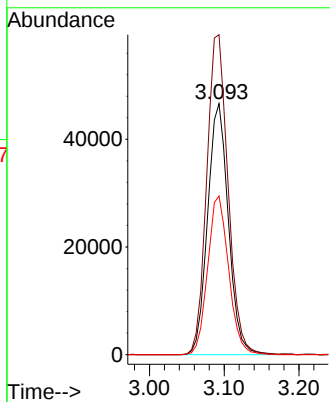
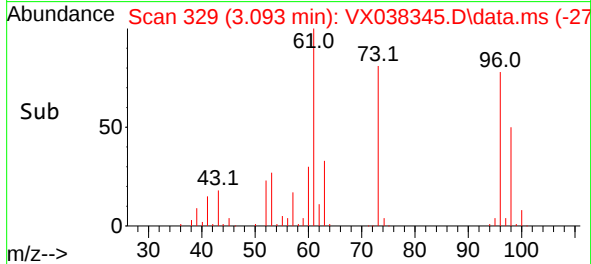
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



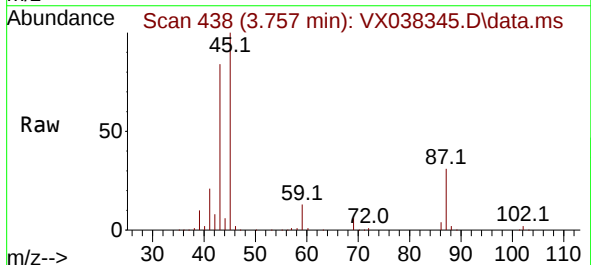
Tgt Ion: 96 Resp: 90070
Ion Ratio Lower Upper
96 100
61 127.5 119.2 178.8
98 63.2 48.7 73.1

Manual Integrations
APPROVED

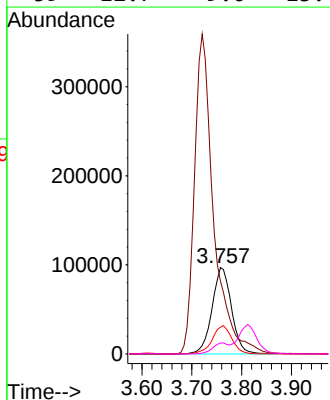
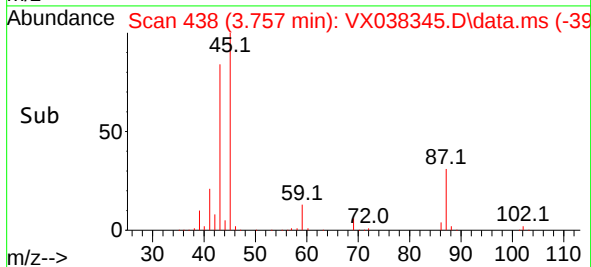
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023

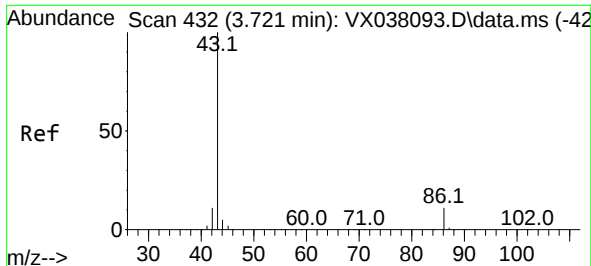


#22
Diisopropyl ether
Concen: 50.572 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.007 min
Lab File: VX038345.D
Acq: 17 Oct 2023 21:19



Tgt Ion: 45 Resp: 262951
Ion Ratio Lower Upper
45 100
43 84.1 69.7 104.5
87 31.0 20.8 31.2
59 12.7 9.0 13.4





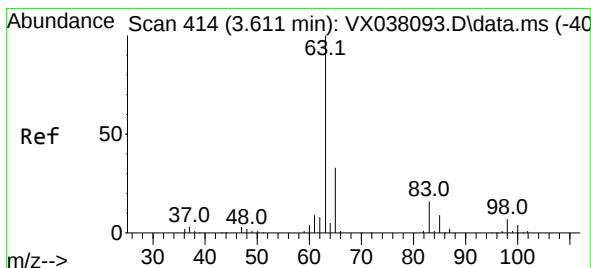
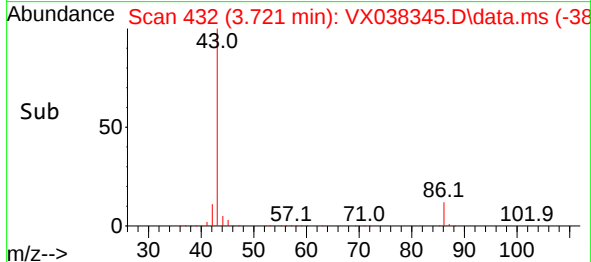
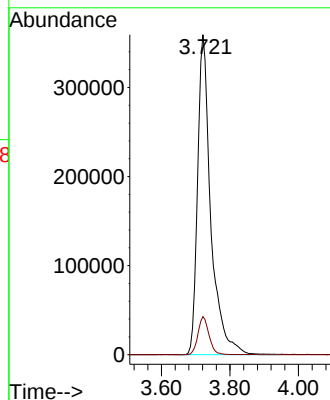
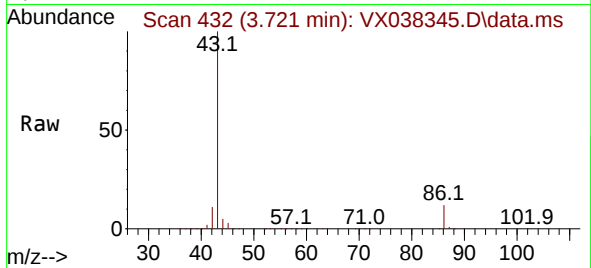
#23
 Vinyl Acetate
 Concen: 252.834 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX038345.D
 Acq: 17 Oct 2023 21:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 964072
 Ion Ratio Lower Upper
 43 100
 86 11.9 7.8 11.8

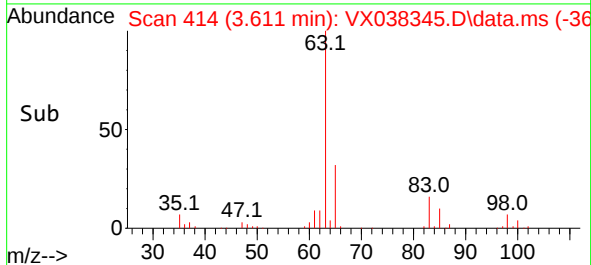
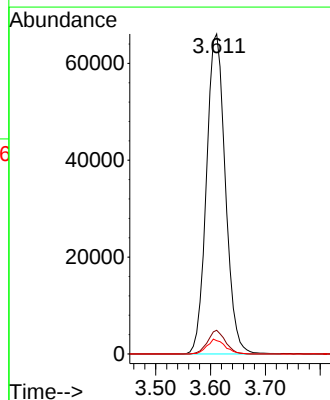
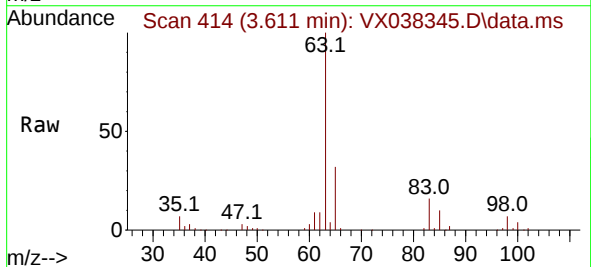
Manual Integrations
 APPROVED

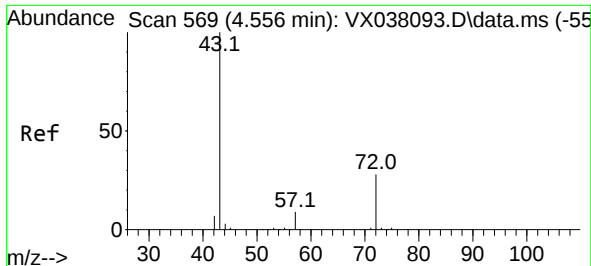
Reviewed By :John Carlone 10/18/2023
 Supervised By :Semsettin Yesilyurt 10/20/2023



#24
 1,1-Dichloroethane
 Concen: 50.019 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX038345.D
 Acq: 17 Oct 2023 21:19

Tgt Ion: 63 Resp: 157835
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.3 9.8
 100 4.1 2.1 6.5





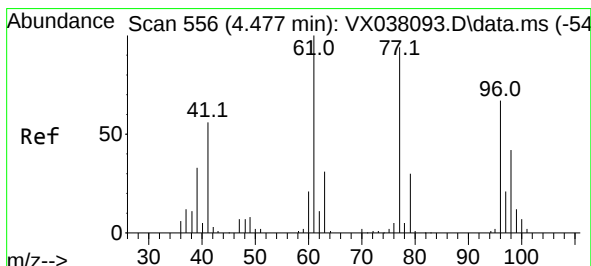
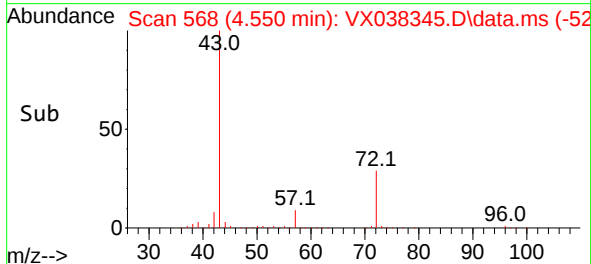
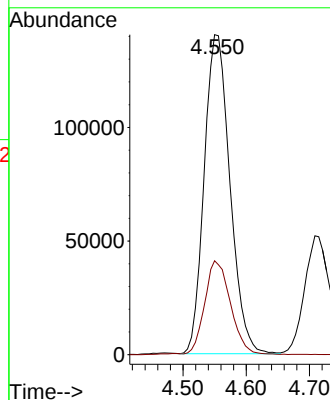
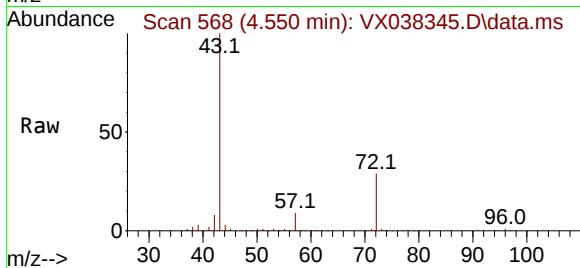
#25
2-Butanone
Concen: 242.350 ug/l
RT: 4.550 min Scan# 50
Delta R.T. -0.006 min
Lab File: VX038345.D
Acq: 17 Oct 2023 21:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 397928
Ion Ratio Lower Upper
43 100
72 29.3 19.4 29.2

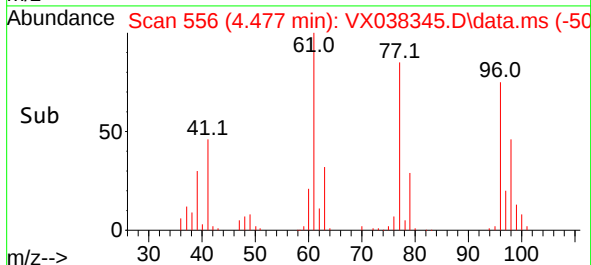
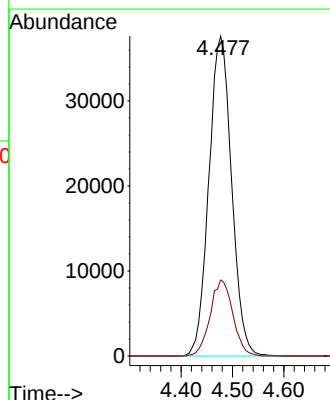
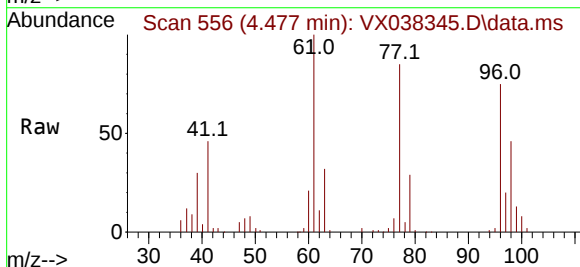
Manual Integrations
APPROVED

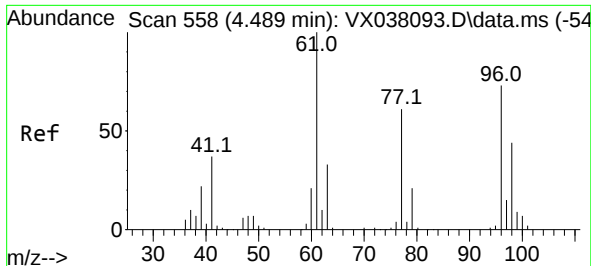
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#26
2,2-Dichloropropane
Concen: 46.913 ug/l
RT: 4.477 min Scan# 556
Delta R.T. -0.000 min
Lab File: VX038345.D
Acq: 17 Oct 2023 21:19

Tgt Ion: 77 Resp: 115576
Ion Ratio Lower Upper
77 100
97 23.7 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 52.715 ug/l

RT: 4.489 min Scan# 558

Delta R.T. -0.000 min

Lab File: VX038345.D

Acq: 17 Oct 2023 21:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 10781

Ion Ratio Lower Upper

96 100

61 133.7 0.0 312.2

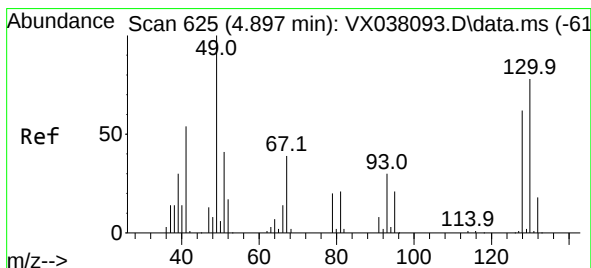
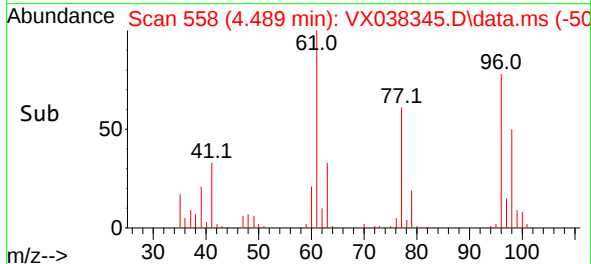
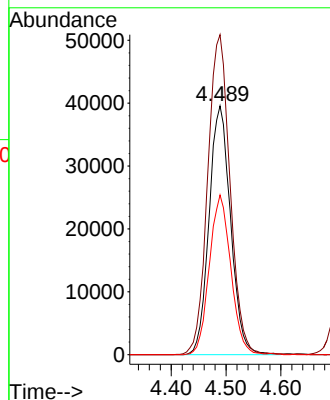
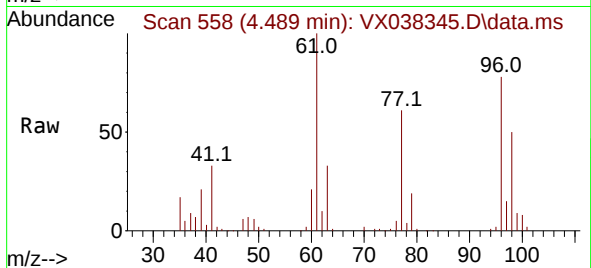
98 64.0 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#28

Bromochloromethane

Concen: 47.668 ug/l

RT: 4.904 min Scan# 626

Delta R.T. 0.007 min

Lab File: VX038345.D

Acq: 17 Oct 2023 21:19

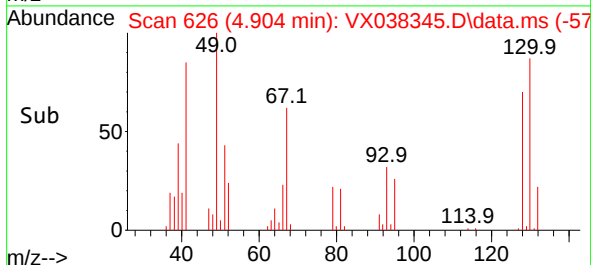
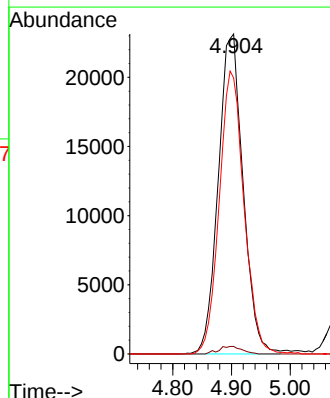
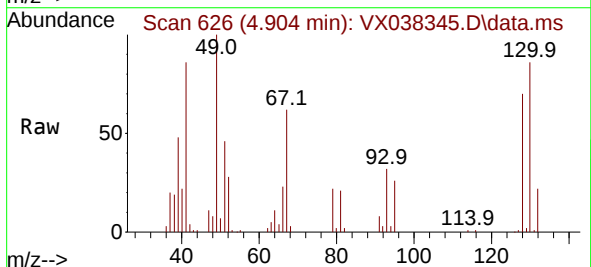
Tgt Ion: 49 Resp: 67902

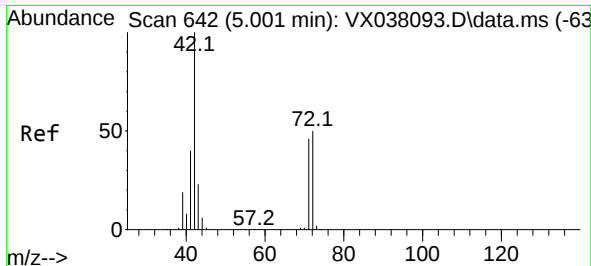
Ion Ratio Lower Upper

49 100

129 2.2 0.0 3.8

130 88.0 57.5 86.3#





#29

Tetrahydrofuran

Concen: 242.141 ug/l

RT: 5.001 min Scan# 642

Delta R.T. 0.000 min

Lab File: VX038345.D

Acq: 17 Oct 2023 21:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 25885

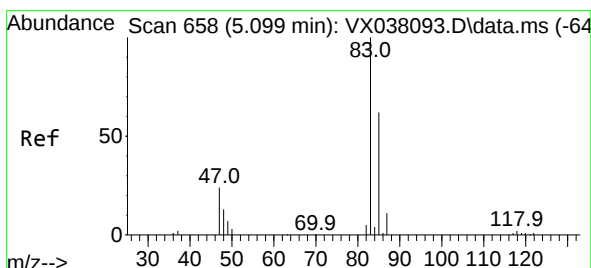
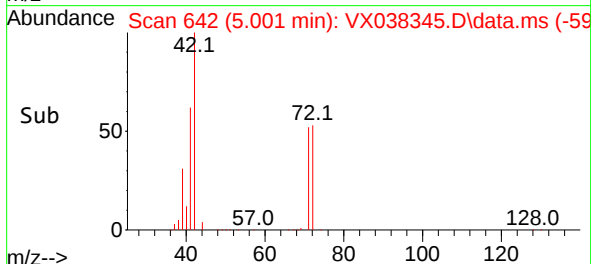
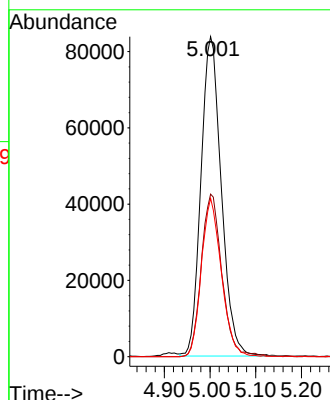
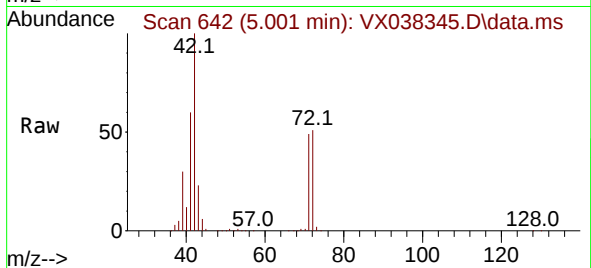
Ion	Ratio	Lower	Upper
42	100		
72	51.6	34.2	51.4
71	48.7	32.2	48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#30

Chloroform

Concen: 53.943 ug/l

RT: 5.093 min Scan# 657

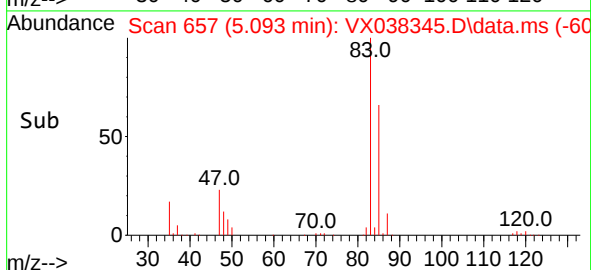
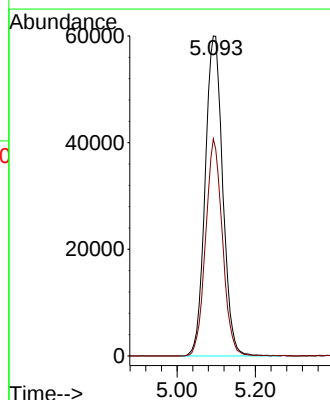
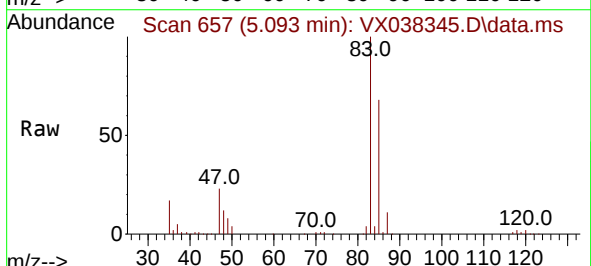
Delta R.T. -0.000 min

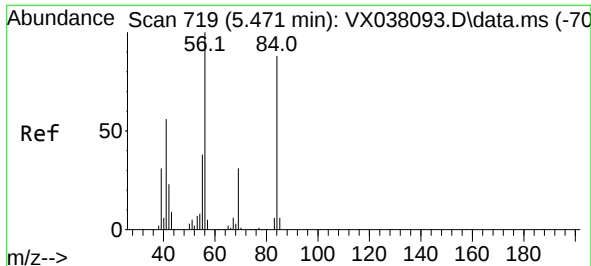
Lab File: VX038345.D

Acq: 17 Oct 2023 21:19

Tgt Ion: 83 Resp: 186137

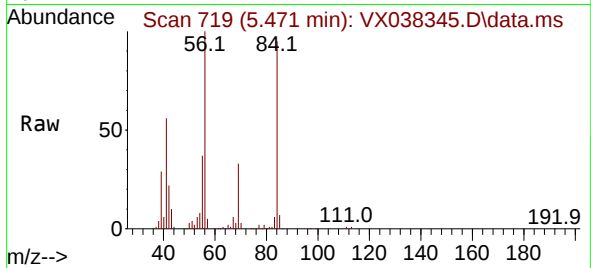
Ion	Ratio	Lower	Upper
83	100		
85	67.9	50.3	75.5





#31
Cyclohexane
Concen: 51.268 ug/l
RT: 5.471 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX038345.D
Acq: 17 Oct 2023 21:19

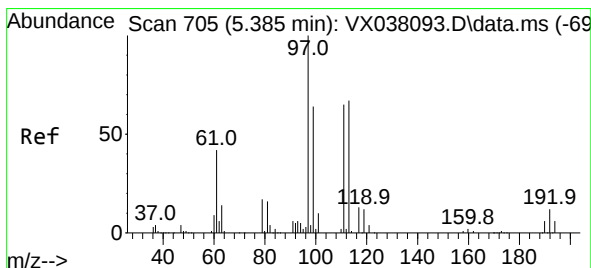
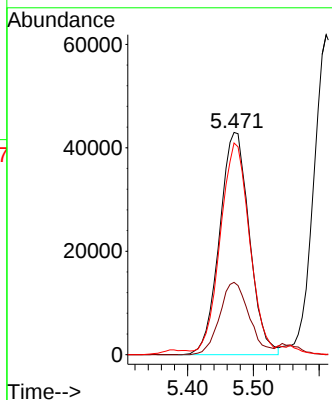
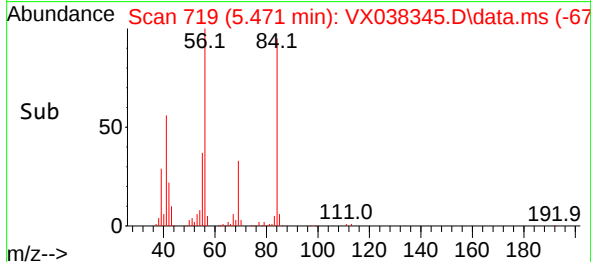
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



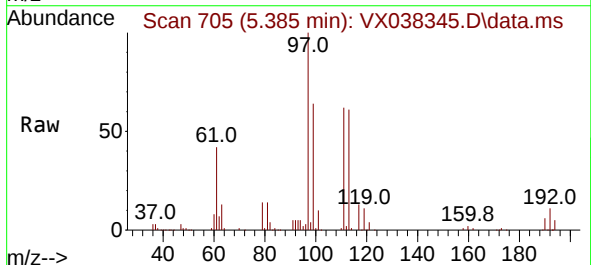
Tgt Ion: 56 Resp: 13544
Ion Ratio Lower Upper
56 100
69 32.6 23.4 35.2
84 93.5 65.9 98.9

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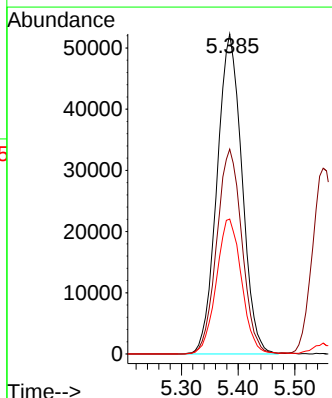
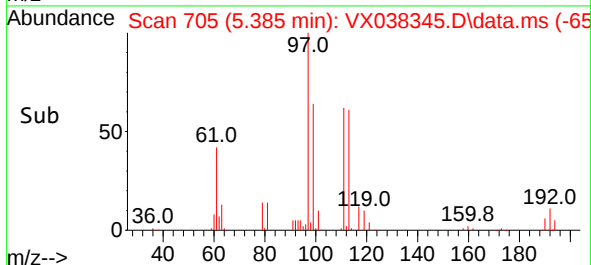
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023

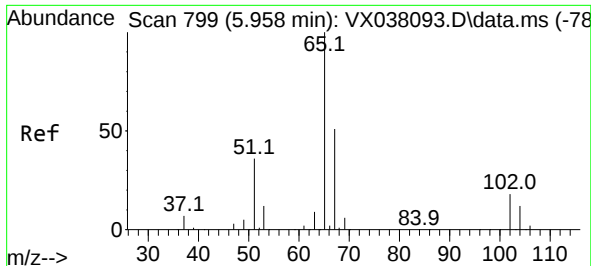


#32
1,1,1-Trichloroethane
Concen: 54.060 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038345.D
Acq: 17 Oct 2023 21:19



Tgt Ion: 97 Resp: 159777
Ion Ratio Lower Upper
97 100
99 64.7 51.1 76.7
61 42.6 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 44.641 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX038345.D

Acq: 17 Oct 2023 21:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 108852

Ion Ratio Lower Upper

65 100

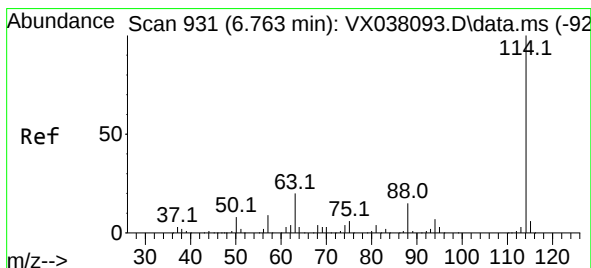
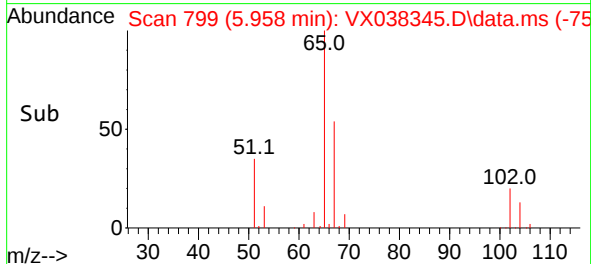
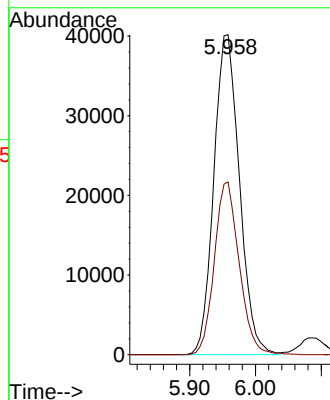
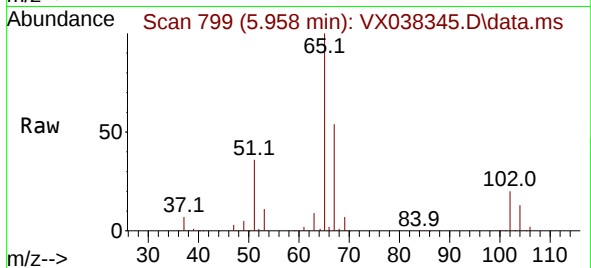
67 52.4 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX038345.D

Acq: 17 Oct 2023 21:19

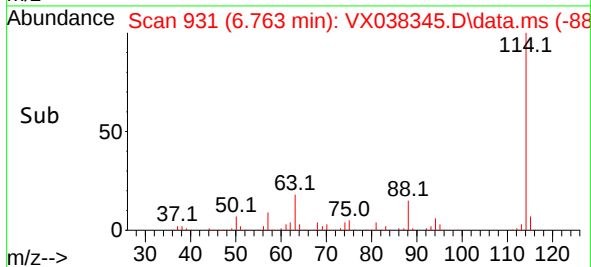
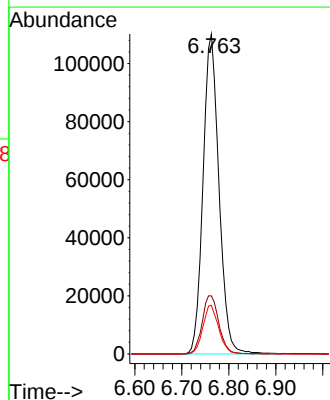
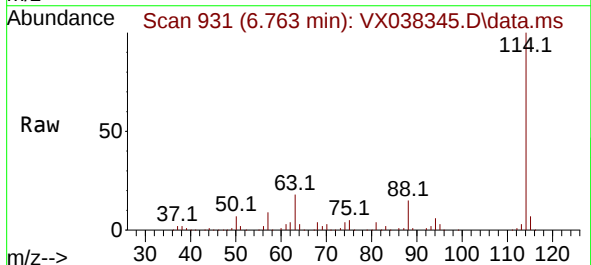
Tgt Ion:114 Resp: 258809

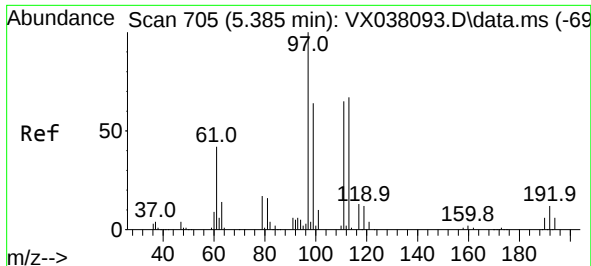
Ion Ratio Lower Upper

114 100

63 18.2 0.0 45.0

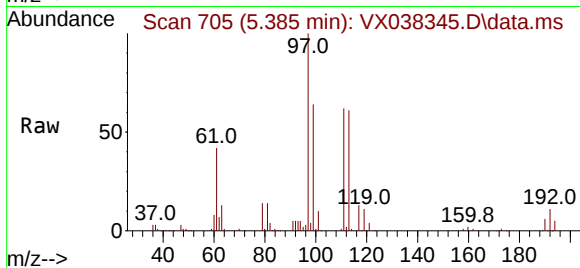
88 15.2 0.0 36.6





#35
Dibromofluoromethane
Concen: 49.499 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038345.D
Acq: 17 Oct 2023 21:19

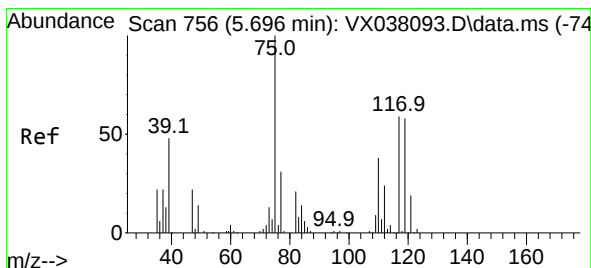
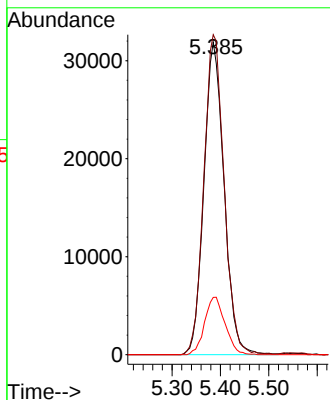
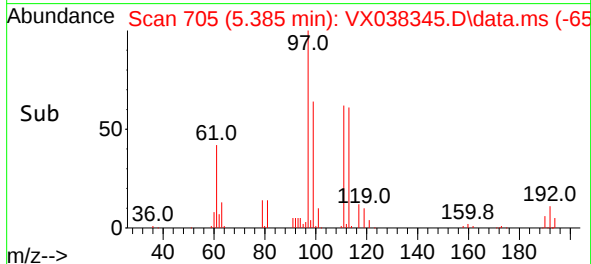
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:113 Resp: 92309
Ion Ratio Lower Upper
113 100
111 103.0 82.9 124.3
192 18.7 13.3 19.9

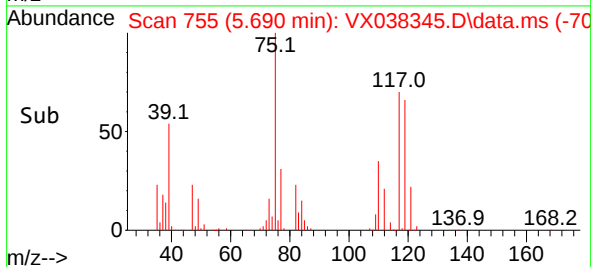
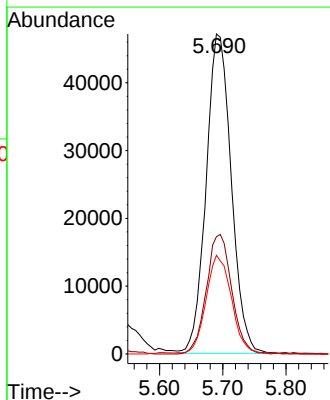
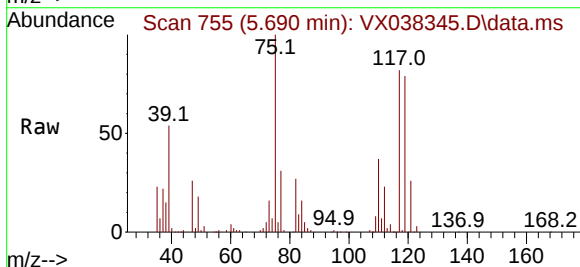
Manual Integrations
APPROVED

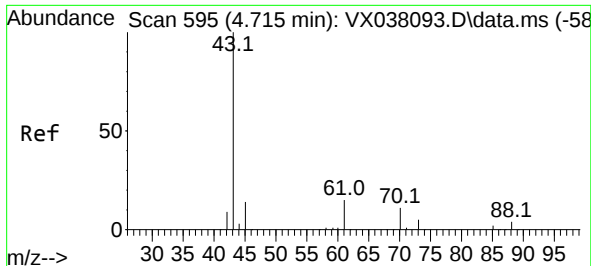
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#36
1,1-Dichloropropene
Concen: 50.590 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.000 min
Lab File: VX038345.D
Acq: 17 Oct 2023 21:19

Tgt Ion: 75 Resp: 130098
Ion Ratio Lower Upper
75 100
110 37.7 17.0 50.9
77 30.8 24.7 37.1





#37

Ethyl Acetate

Concen: 49.161 ug/l

RT: 4.708 min Scan# 594

Delta R.T. -0.007 min

Lab File: VX038345.D

Acq: 17 Oct 2023 21:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 150149

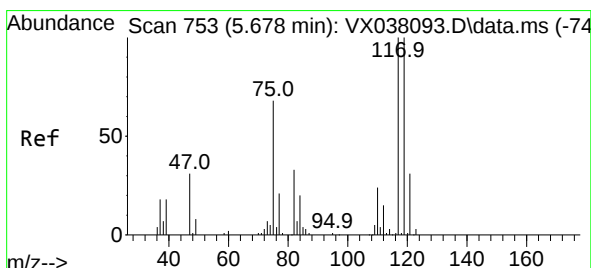
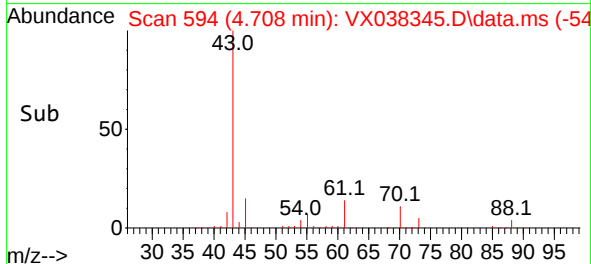
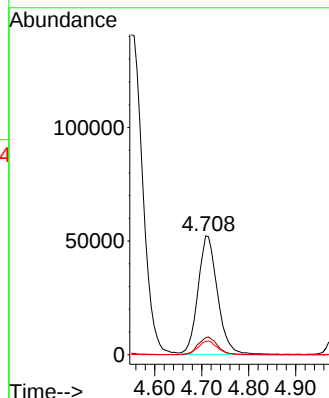
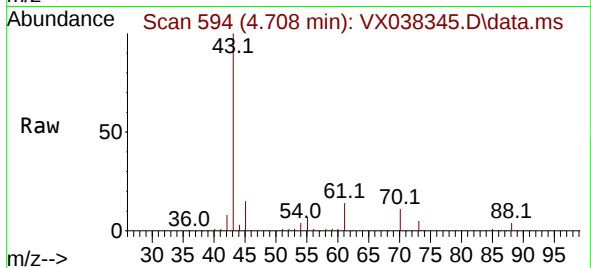
Ion	Ratio	Lower	Upper
43	100		
61	14.9	10.6	16.0
70	11.5	8.3	12.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#38

Carbon Tetrachloride

Concen: 54.495 ug/l

RT: 5.678 min Scan# 753

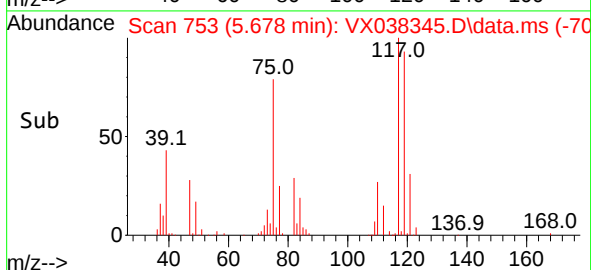
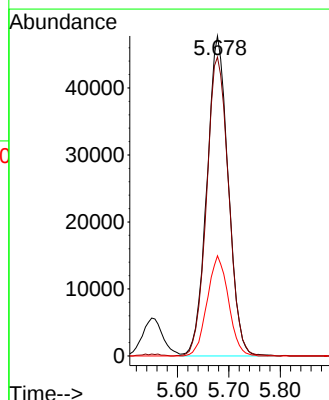
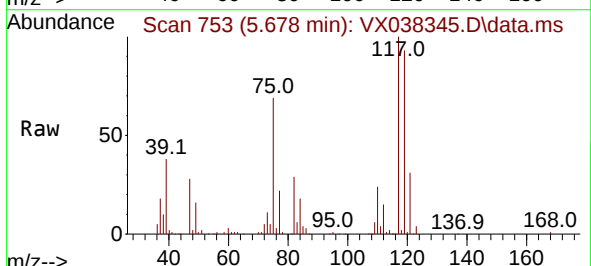
Delta R.T. -0.000 min

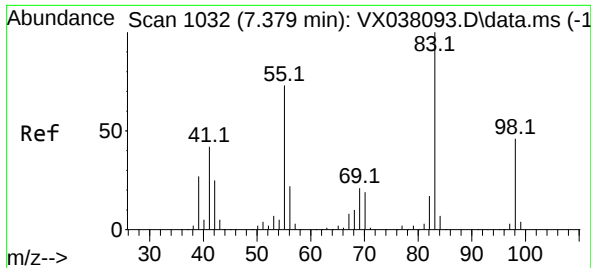
Lab File: VX038345.D

Acq: 17 Oct 2023 21:19

Tgt Ion:117 Resp: 137864

Ion	Ratio	Lower	Upper
117	100		
119	93.4	78.2	117.2
121	31.3	24.4	36.6





#39
Methylcyclohexane
Concen: 52.421 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.006 min
Lab File: VX038345.D
Acq: 17 Oct 2023 21:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

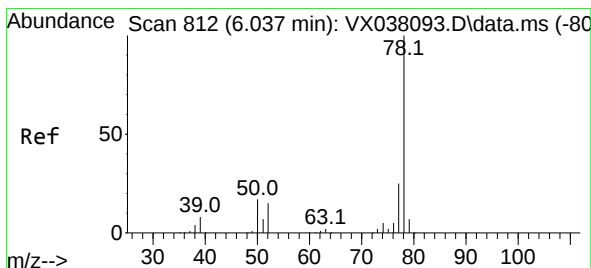
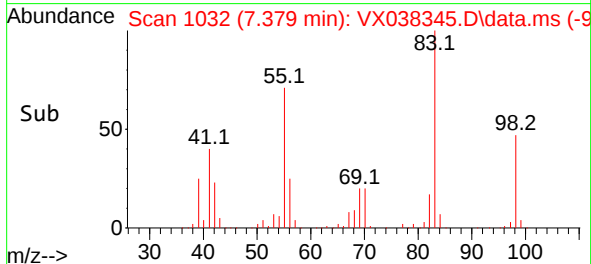
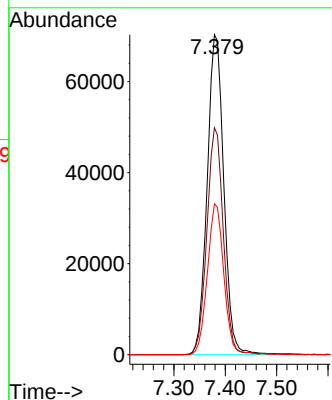
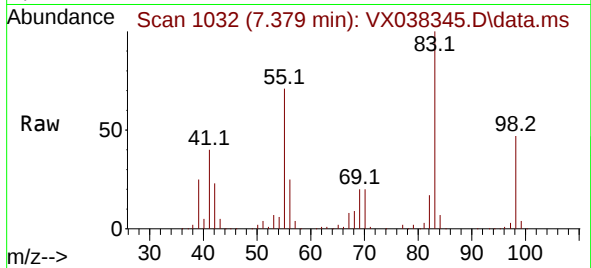
Tgt Ion: 83 Resp: 15790
Ion Ratio Lower Upper
83 100
55 70.9 64.6 97.0
98 47.1 36.7 55.1

Manual Integrations

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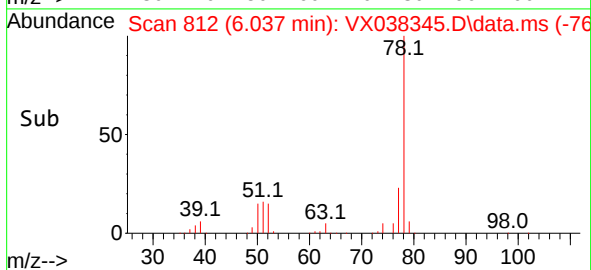
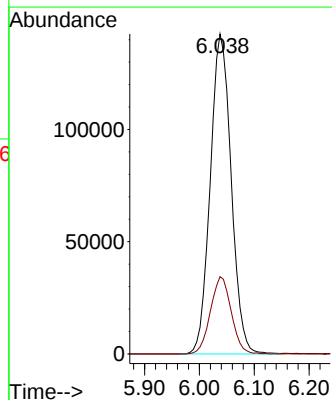
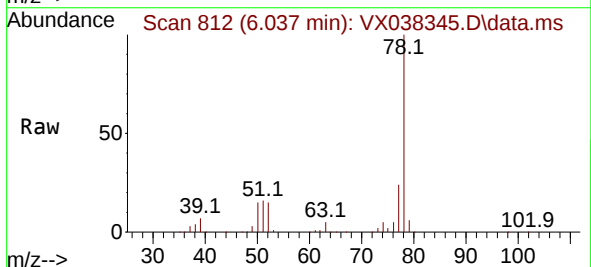
Reviewed By :John Carlone 10/18/2023

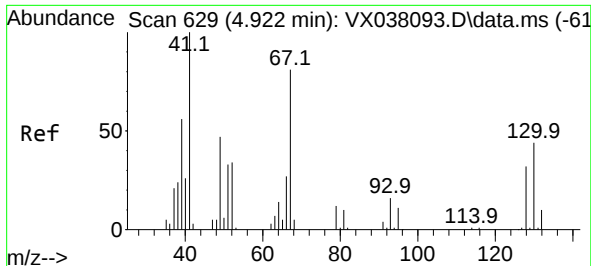
Supervised By :Semsettin Yesilyurt 10/20/2023



#40
Benzene
Concen: 52.479 ug/l
RT: 6.037 min Scan# 812
Delta R.T. -0.001 min
Lab File: VX038345.D
Acq: 17 Oct 2023 21:19

Tgt Ion: 78 Resp: 377470
Ion Ratio Lower Upper
78 100
77 24.1 19.3 28.9





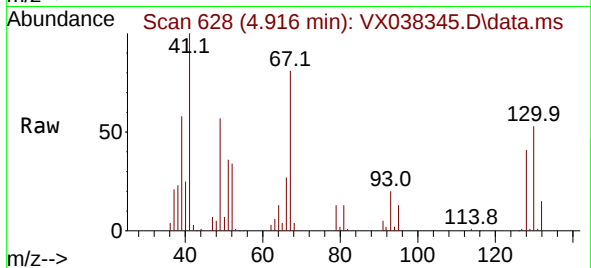
#41
Methacrylonitrile
Concen: 50.969 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX038345.D
Acq: 17 Oct 2023 21:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



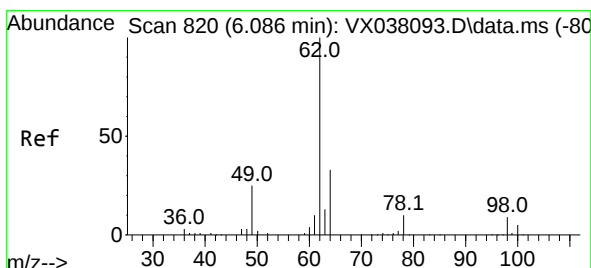
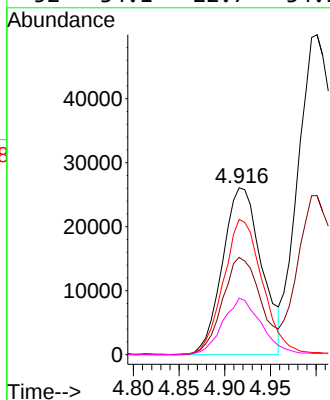
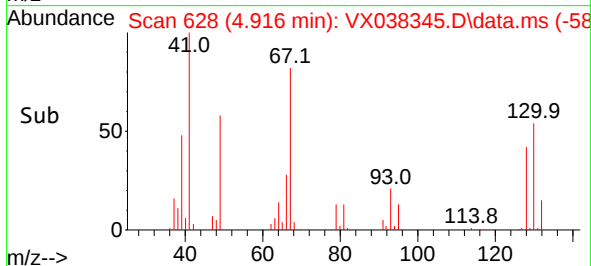
Tgt Ion: 41 Resp: 77439
Ion Ratio Lower Upper
41 100
39 57.7 45.2 67.8
67 81.8 52.6 78.8
52 34.1 22.7 34.1#

Manual Integrations

APPROVED

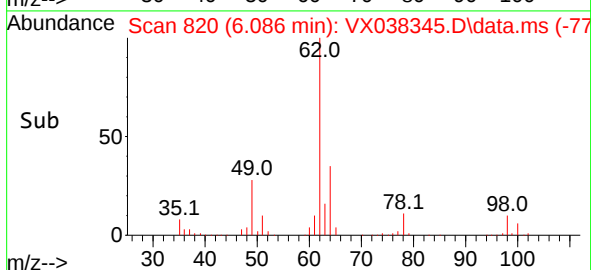
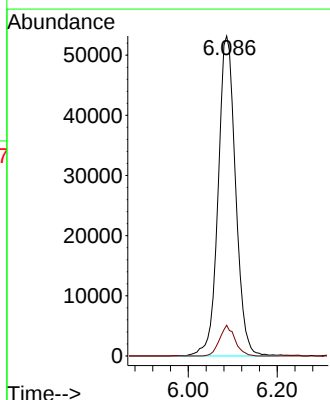
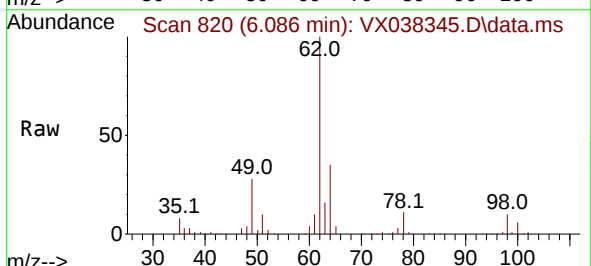
Reviewed By :John Carlone 10/18/2023

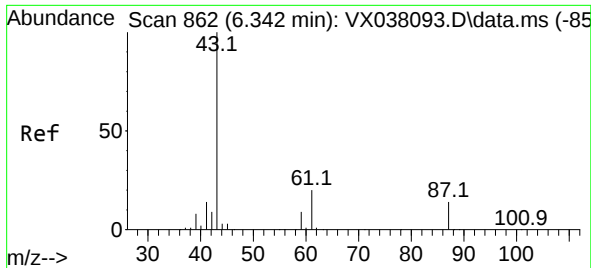
Supervised By :Semsettin Yesilyurt 10/20/2023



#42
1,2-Dichloroethane
Concen: 50.258 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX038345.D
Acq: 17 Oct 2023 21:19

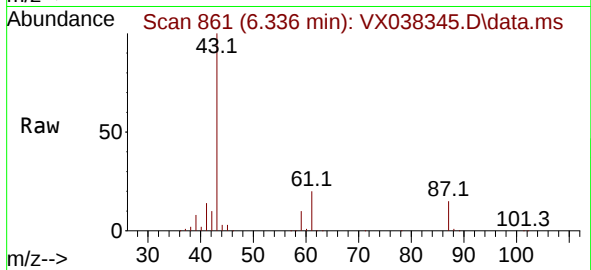
Tgt Ion: 62 Resp: 144430
Ion Ratio Lower Upper
62 100
98 8.5 0.0 16.0





#43
Isopropyl Acetate
Concen: 50.700 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.006 min
Lab File: VX038345.D
Acq: 17 Oct 2023 21:19

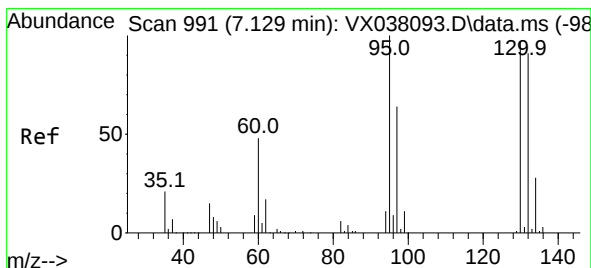
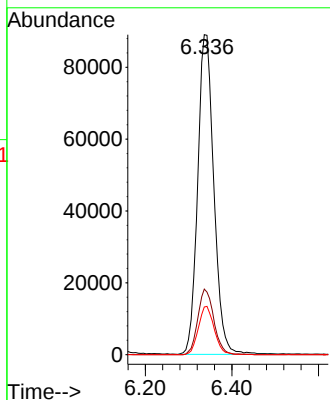
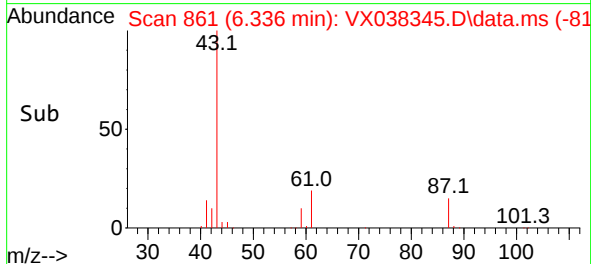
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 23116
Ion Ratio Lower Upper
43 100
61 20.3 15.2 22.8
87 14.7 9.8 14.6

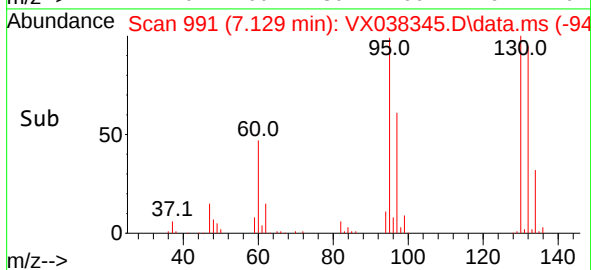
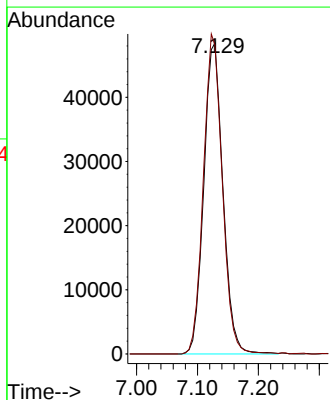
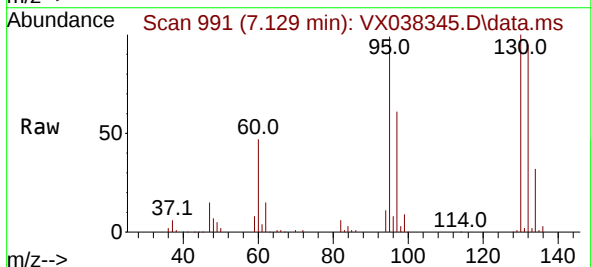
Manual Integrations
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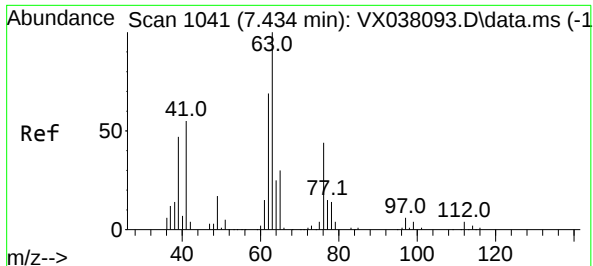
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#44
Trichloroethene
Concen: 56.305 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX038345.D
Acq: 17 Oct 2023 21:19

Tgt Ion:130 Resp: 105924
Ion Ratio Lower Upper
130 100
95 99.2 0.0 204.4





#45

1,2-Dichloropropane

Concen: 51.549 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.007 min

Lab File: VX038345.D

Acq: 17 Oct 2023 21:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 95964

Ion Ratio Lower Upper

63 100

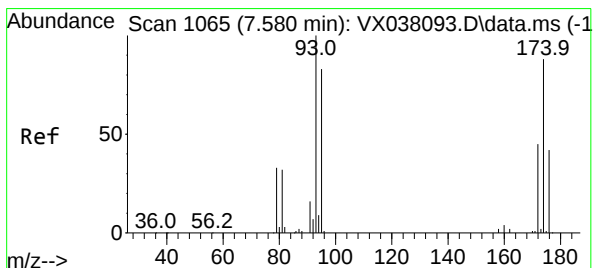
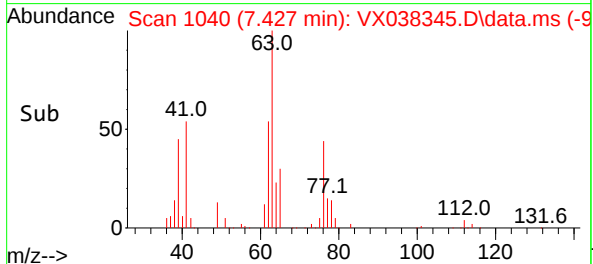
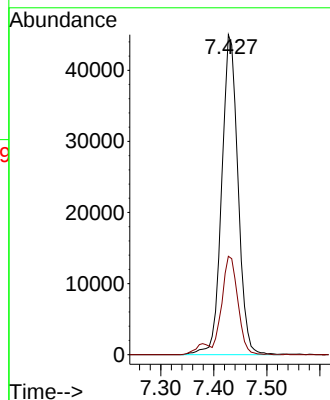
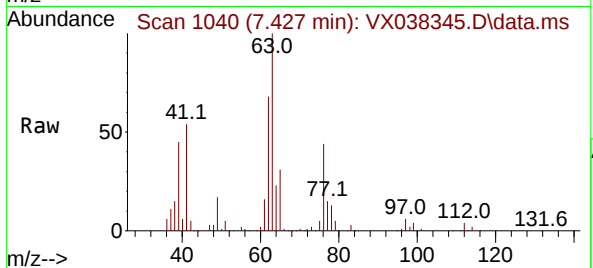
65 30.8 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#46

Dibromomethane

Concen: 53.313 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX038345.D

Acq: 17 Oct 2023 21:19

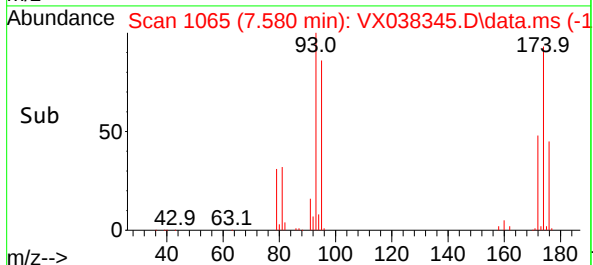
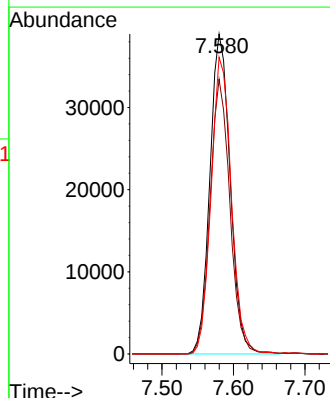
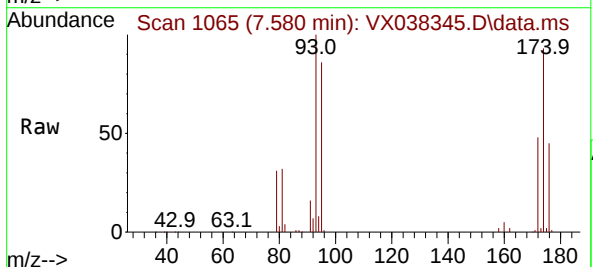
Tgt Ion: 93 Resp: 76976

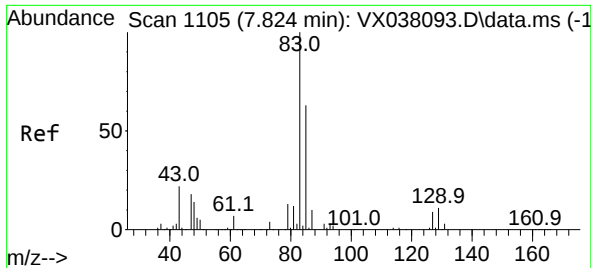
Ion Ratio Lower Upper

93 100

95 83.9 66.6 100.0

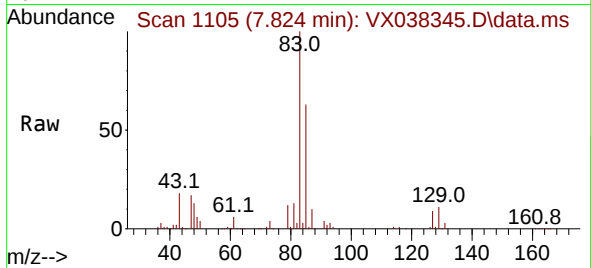
174 92.4 69.4 104.0





#47
Bromodichloromethane
Concen: 54.588 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX038345.D
Acq: 17 Oct 2023 21:19

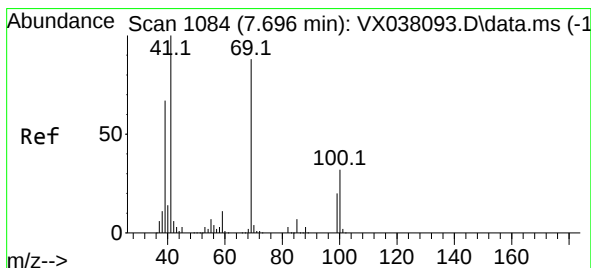
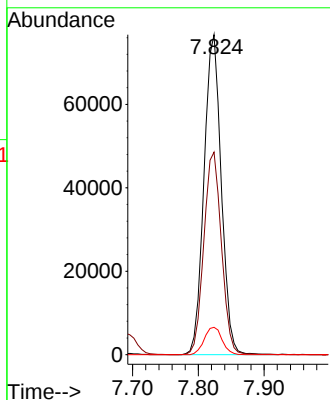
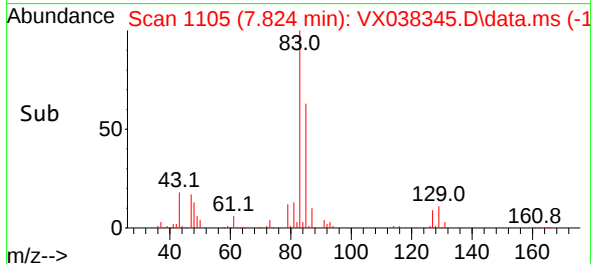
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



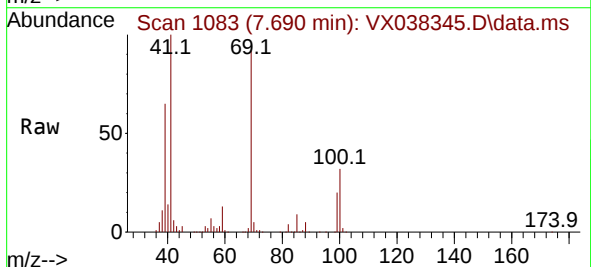
Tgt Ion: 83 Resp: 140212
Ion Ratio Lower Upper
83 100
85 63.3 49.8 74.6
127 8.6 7.1 10.7

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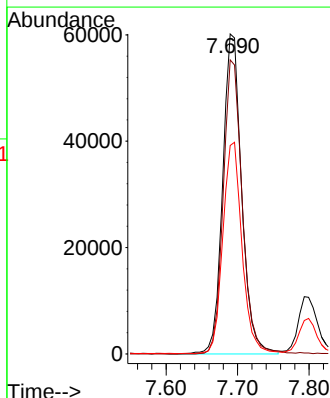
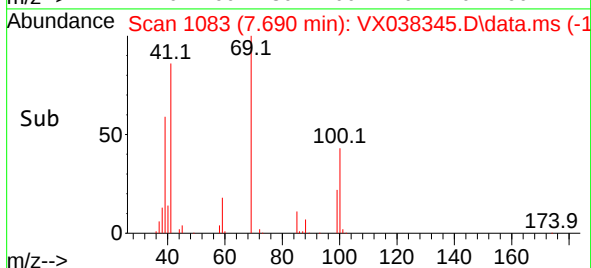
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023

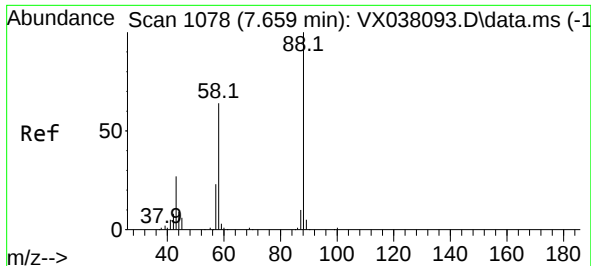


#48
Methyl methacrylate
Concen: 50.999 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX038345.D
Acq: 17 Oct 2023 21:19



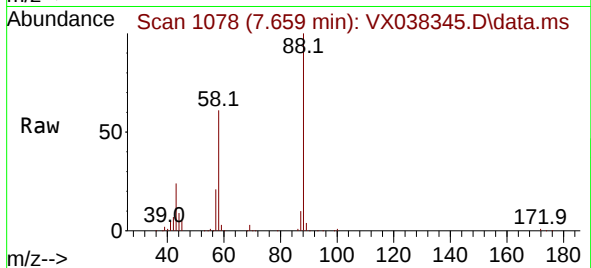
Tgt Ion: 41 Resp: 111004
Ion Ratio Lower Upper
41 100
69 92.0 59.2 88.8
39 66.5 47.7 71.5





#49
1,4-Dioxane
Concen: 931.939 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. 0.000 min
Lab File: VX038345.D
Acq: 17 Oct 2023 21:19

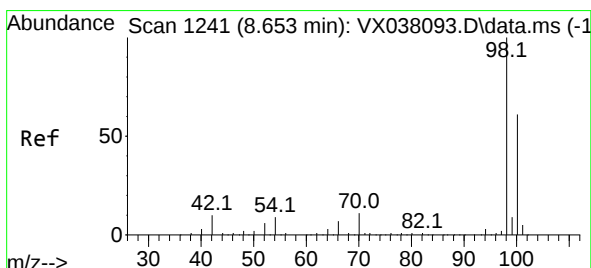
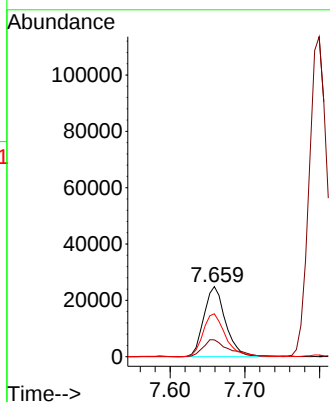
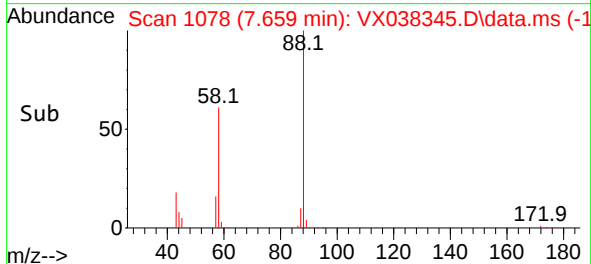
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 49985
Ion Ratio Lower Upper
88 100
43 30.0 0.0 0.0
58 63.5 60.1 90.1

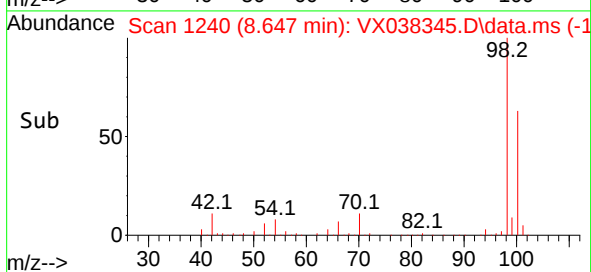
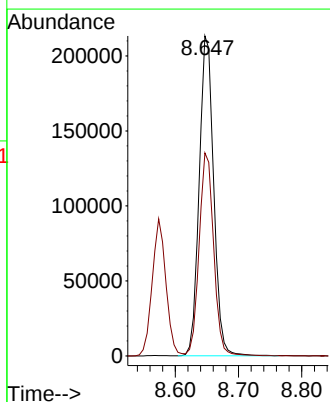
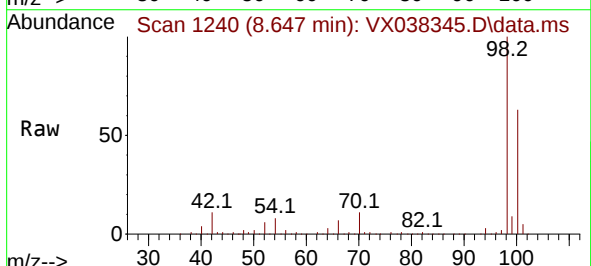
Manual Integrations
APPROVED

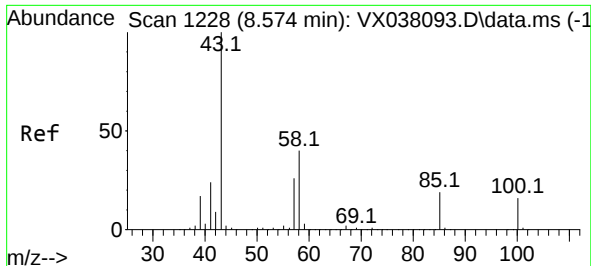
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#50
Toluene-d8
Concen: 47.784 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX038345.D
Acq: 17 Oct 2023 21:19

Tgt Ion: 98 Resp: 340517
Ion Ratio Lower Upper
98 100
100 63.6 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 256.626 ug/l

RT: 8.574 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VX038345.D

Acq: 17 Oct 2023 21:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 807050

Ion Ratio Lower Upper

43 100

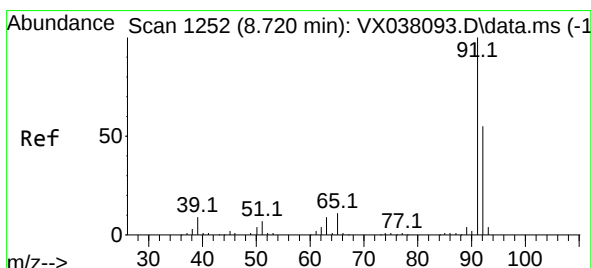
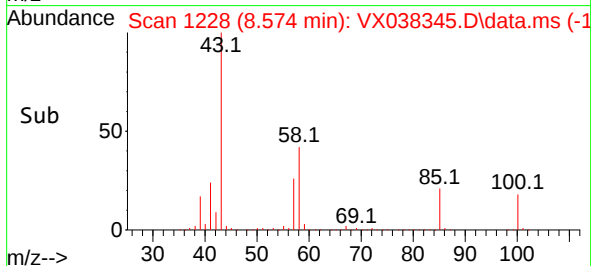
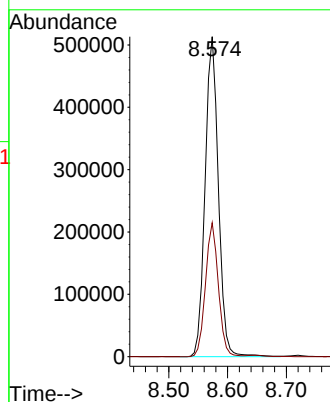
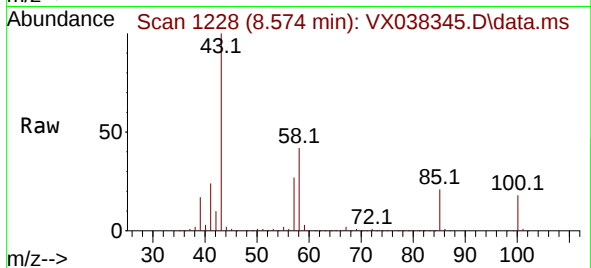
58 40.6 30.4 45.6

Manual Integrations

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Reviewed By :John Carlone 10/18/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#52

Toluene

Concen: 54.424 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. -0.000 min

Lab File: VX038345.D

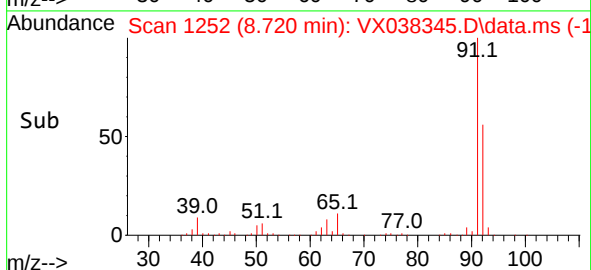
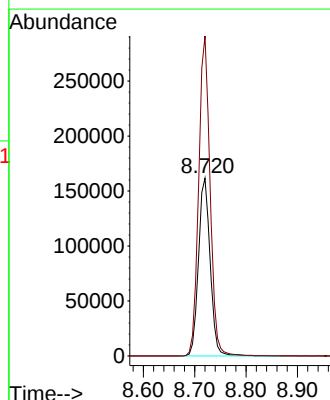
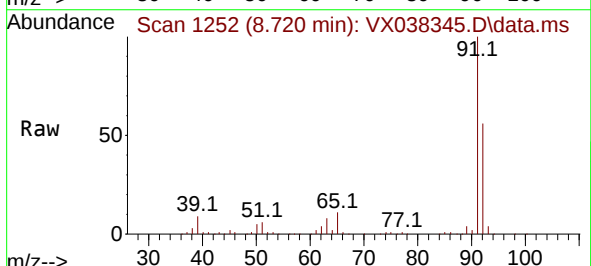
Acq: 17 Oct 2023 21:19

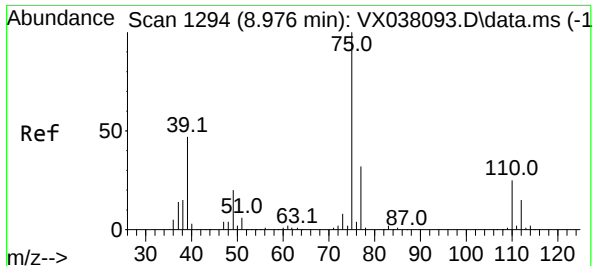
Tgt Ion: 92 Resp: 254999

Ion Ratio Lower Upper

92 100

91 176.2 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 54.457 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX038345.D

Acq: 17 Oct 2023 21:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 75 Resp: 15014

Ion Ratio Lower Upper

75 100

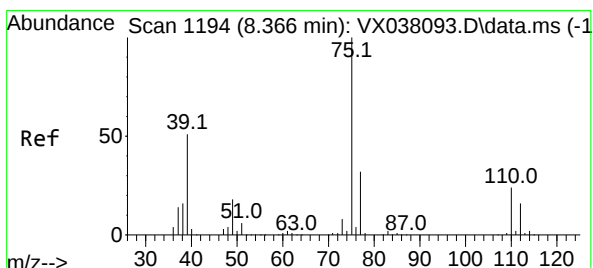
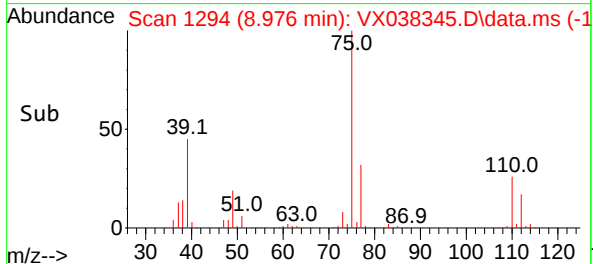
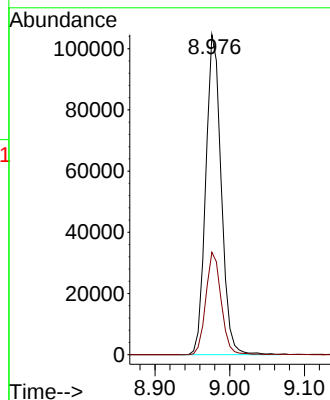
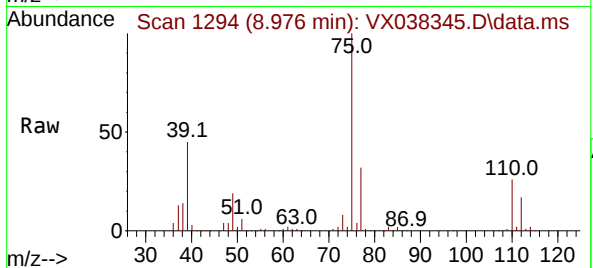
77 32.0 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#54

cis-1,3-Dichloropropene

Concen: 54.034 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX038345.D

Acq: 17 Oct 2023 21:19

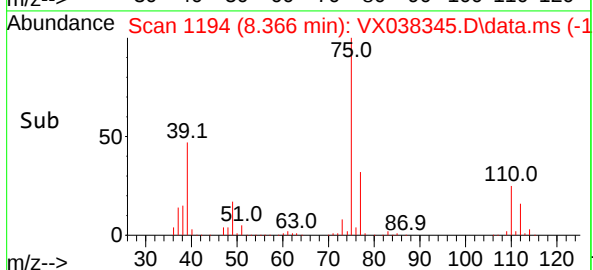
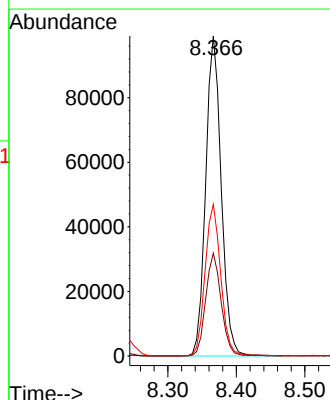
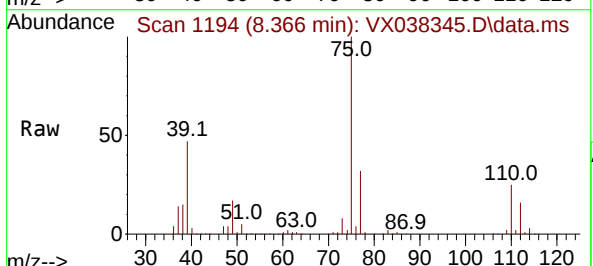
Tgt Ion: 75 Resp: 156521

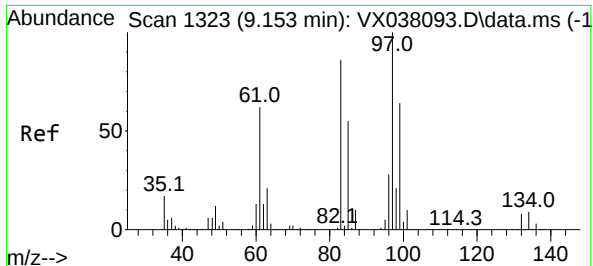
Ion Ratio Lower Upper

75 100

77 32.1 25.3 37.9

39 47.4 46.7 70.1





#55

1,1,2-Trichloroethane

Concen: 54.925 ug/l

RT: 9.153 min Scan# 110074

Delta R.T. -0.000 min

Lab File: VX038345.D

Acq: 17 Oct 2023 21:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 110074

Ion Ratio Lower Upper

97 100

83 86.1 65.8 98.8

85 55.6 41.6 62.4

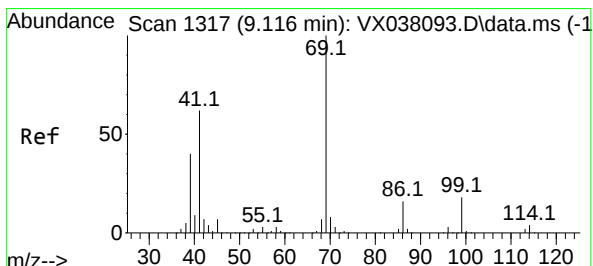
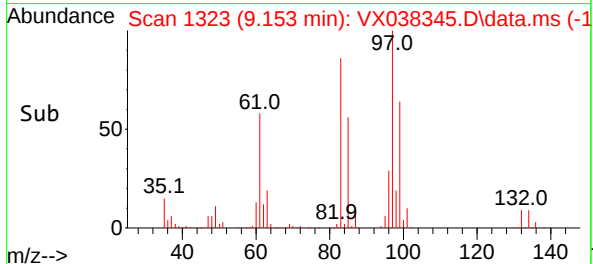
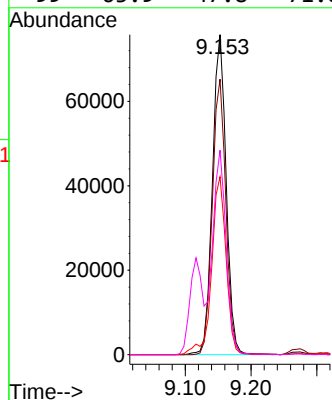
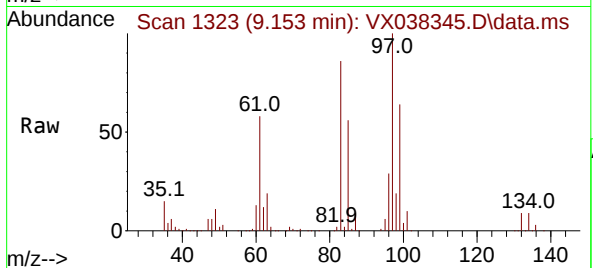
99 63.9 47.8 71.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#56

Ethyl methacrylate

Concen: 54.227 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. 0.000 min

Lab File: VX038345.D

Acq: 17 Oct 2023 21:19

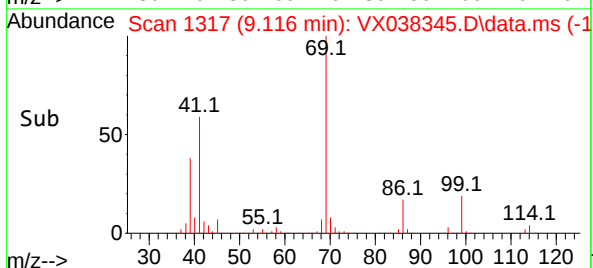
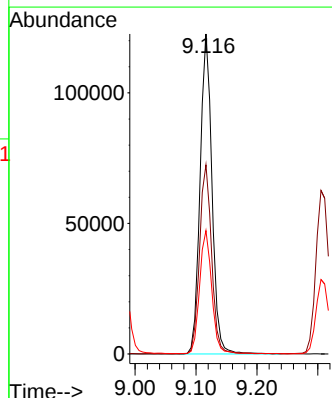
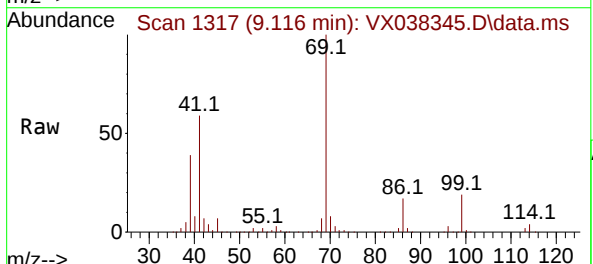
Tgt Ion: 69 Resp: 166623

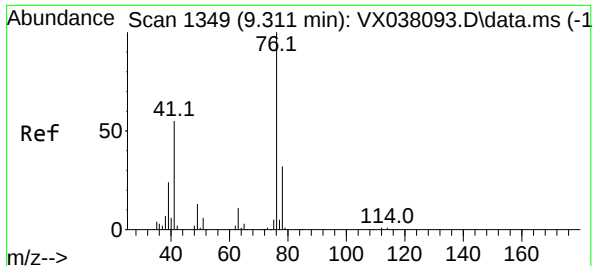
Ion Ratio Lower Upper

69 100

41 59.8 56.8 85.2

39 39.1 32.0 48.0





#57

1,3-Dichloropropane

Concen: 53.429 ug/l

RT: 9.305 min Scan# 11348

Delta R.T. -0.006 min

Lab File: VX038345.D

Acq: 17 Oct 2023 21:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 173180

Ion Ratio Lower Upper

76 100

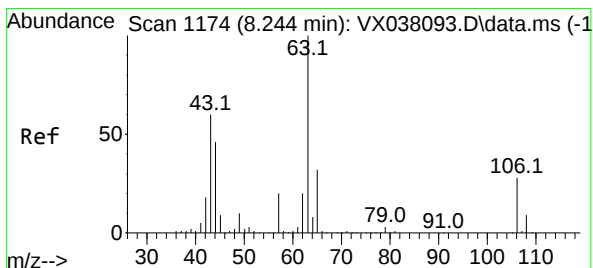
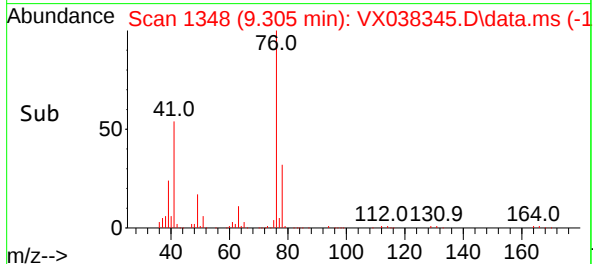
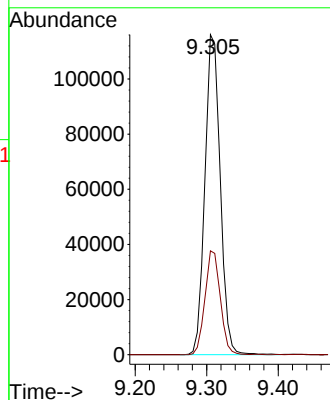
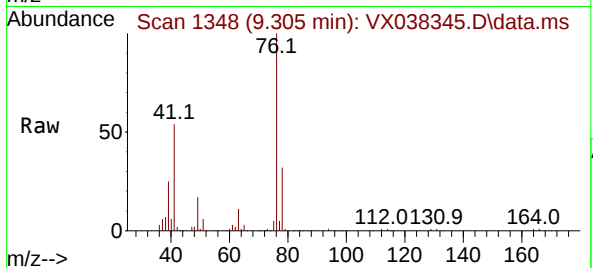
78 32.4 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#58

2-Chloroethyl Vinyl ether

Concen: 237.846 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX038345.D

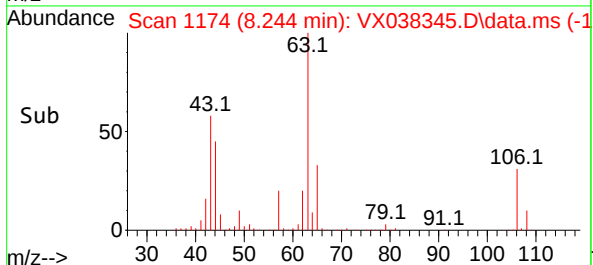
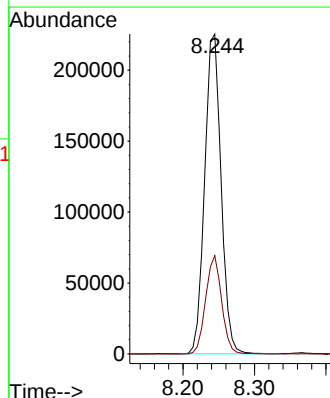
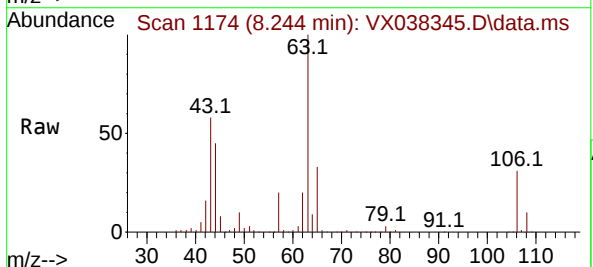
Acq: 17 Oct 2023 21:19

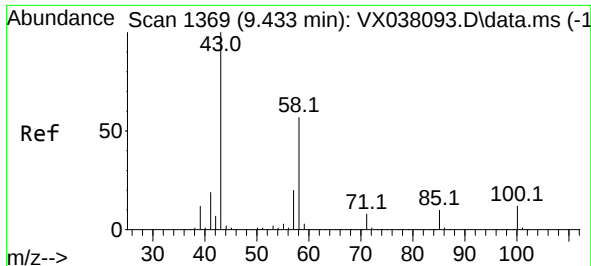
Tgt Ion: 63 Resp: 358734

Ion Ratio Lower Upper

63 100

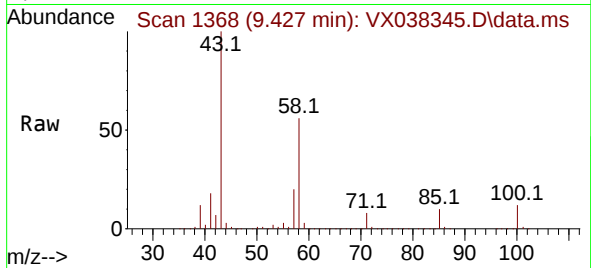
106 30.0 22.5 33.7





#59
2-Hexanone
Concen: 256.097 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.006 min
Lab File: VX038345.D
Acq: 17 Oct 2023 21:19

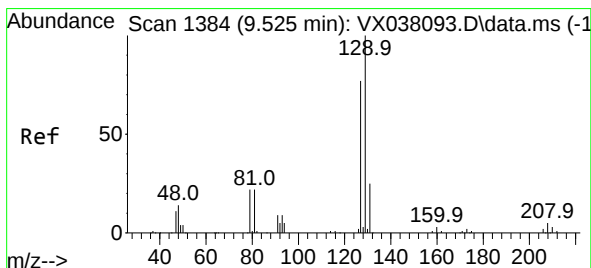
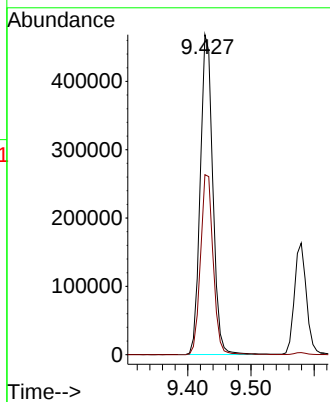
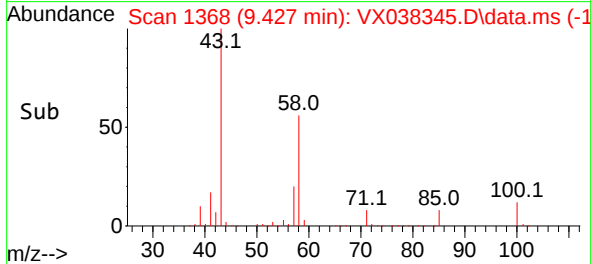
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 647475
Ion Ratio Lower Upper
43 100
58 56.8 26.2 78.5

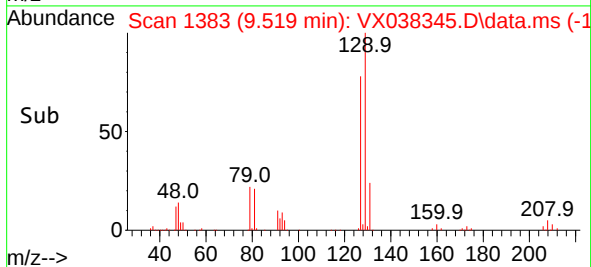
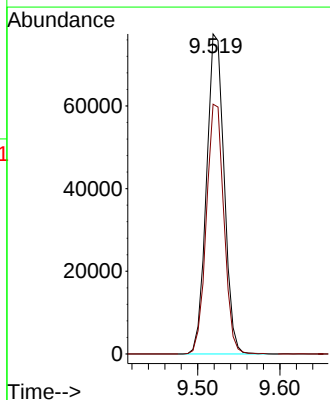
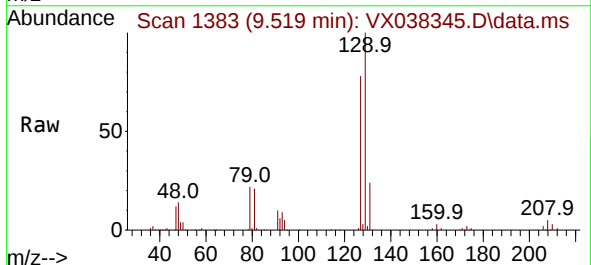
Manual Integrations
APPROVED

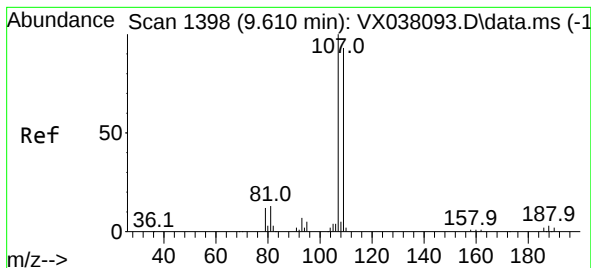
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#60
Dibromochloromethane
Concen: 58.611 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.006 min
Lab File: VX038345.D
Acq: 17 Oct 2023 21:19

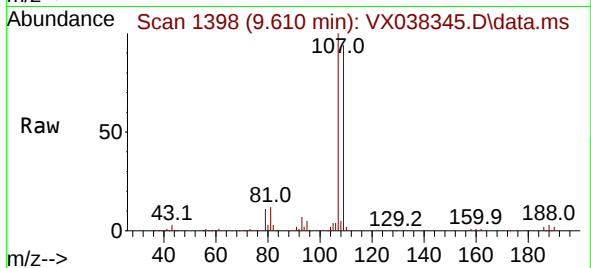
Tgt Ion:129 Resp: 114960
Ion Ratio Lower Upper
129 100
127 77.7 38.8 116.4





#61
1,2-Dibromoethane
Concen: 56.516 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX038345.D
Acq: 17 Oct 2023 21:19

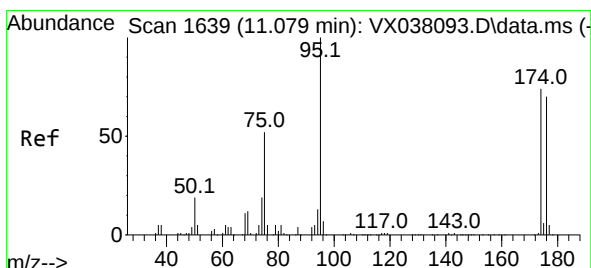
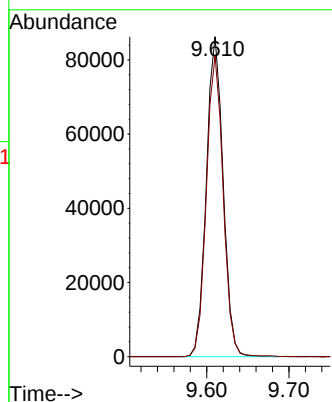
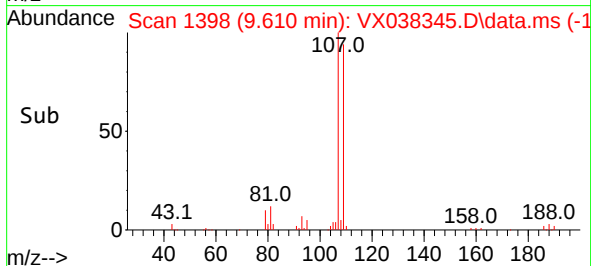
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



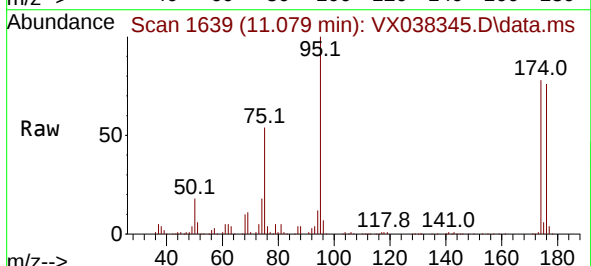
Tgt Ion:107 Resp: 12248
Ion Ratio Lower Upper
107 100
109 93.8 75.2 112.8

Manual Integrations
APPROVED

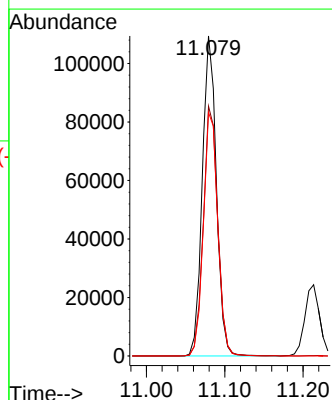
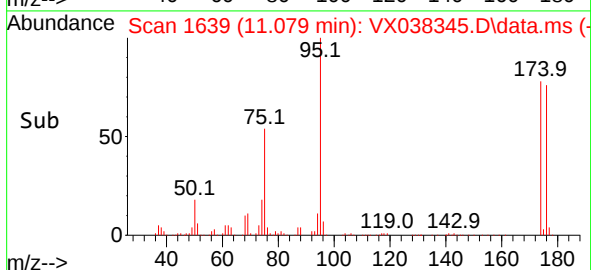
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023

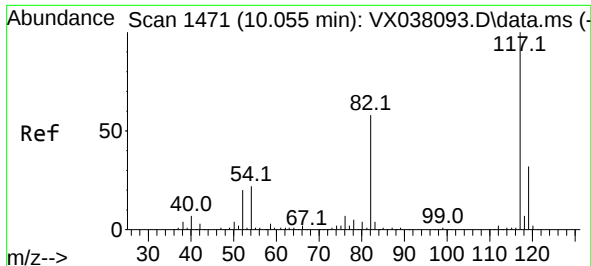


#62
4-Bromofluorobenzene
Concen: 50.370 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038345.D
Acq: 17 Oct 2023 21:19



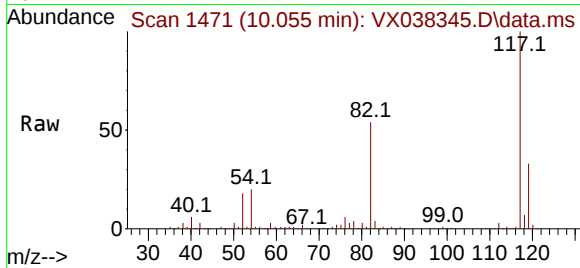
Tgt Ion: 95 Resp: 136080
Ion Ratio Lower Upper
95 100
174 80.0 0.0 135.6
176 78.0 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038345.D
Acq: 17 Oct 2023 21:19

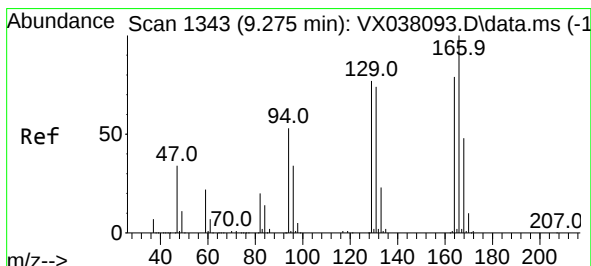
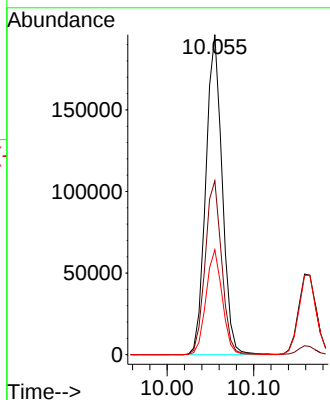
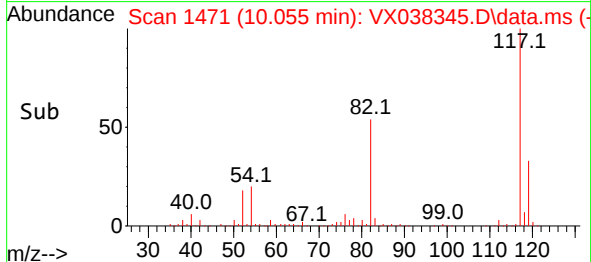
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 257770
Ion Ratio Lower Upper
117 100
82 54.4 46.2 69.4
119 32.8 25.5 38.3

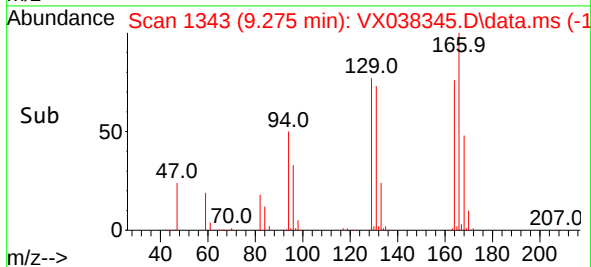
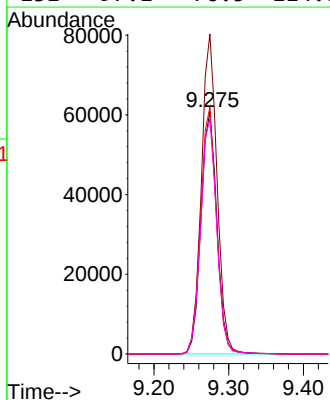
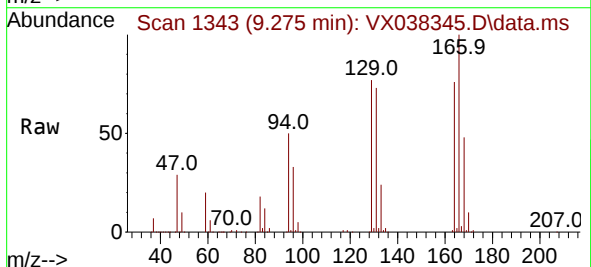
Manual Integrations
APPROVED

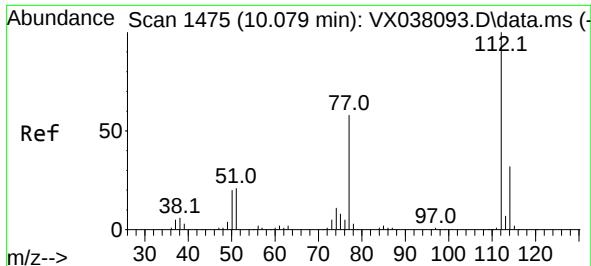
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#64
Tetrachloroethene
Concen: 53.912 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX038345.D
Acq: 17 Oct 2023 21:19

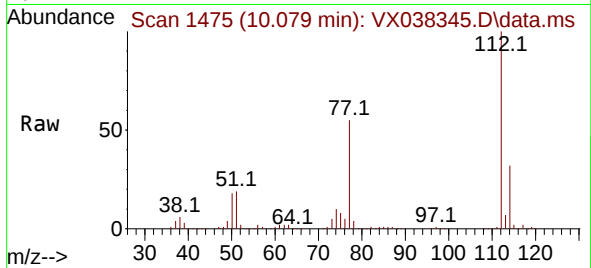
Tgt Ion:164 Resp: 89965
Ion Ratio Lower Upper
164 100
166 132.2 102.7 154.1
129 102.0 80.4 120.6
131 97.1 76.5 114.7





#65
Chlorobenzene
Concen: 53.388 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX038345.D
Acq: 17 Oct 2023 21:19

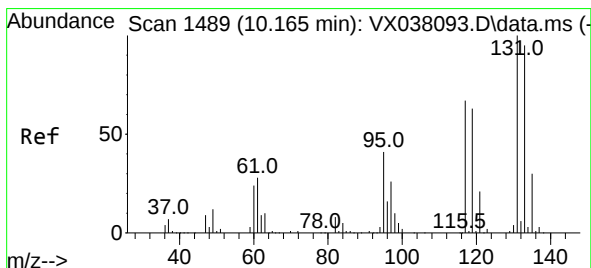
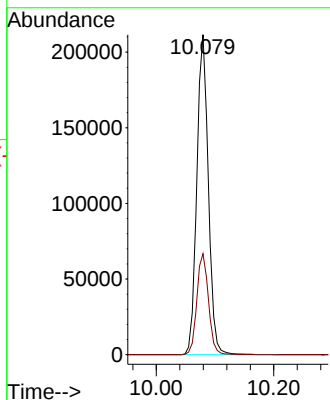
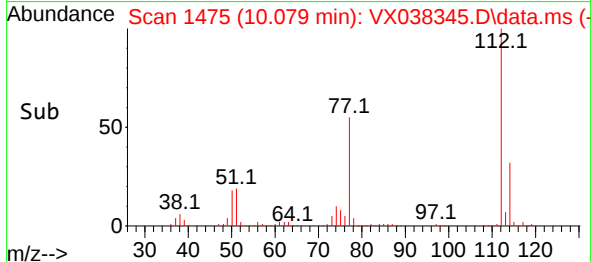
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



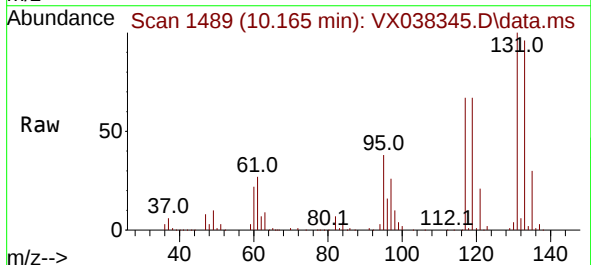
Tgt Ion:112 Resp: 287972
Ion Ratio Lower Upper
112 100
114 31.5 25.7 38.5

Manual Integrations
APPROVED

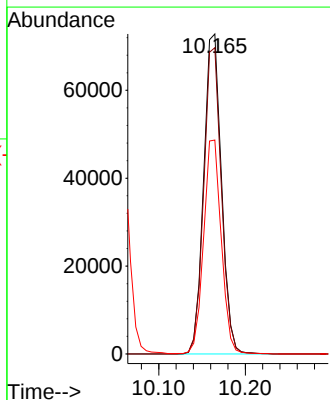
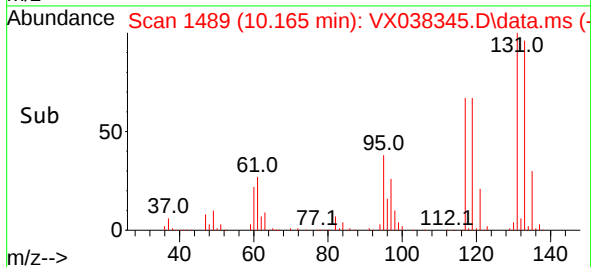
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023

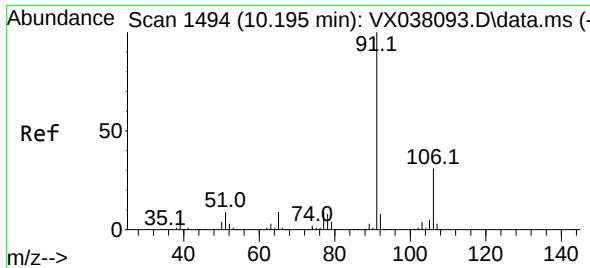


#66
1,1,1,2-Tetrachloroethane
Concen: 56.920 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX038345.D
Acq: 17 Oct 2023 21:19



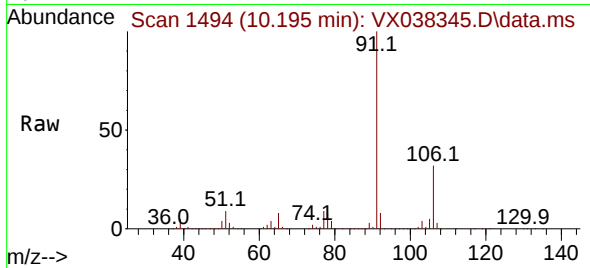
Tgt Ion:131 Resp: 103821
Ion Ratio Lower Upper
131 100
133 95.2 47.1 141.4
119 66.4 32.2 96.6





#67
Ethyl Benzene
Concen: 52.604 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX038345.D
Acq: 17 Oct 2023 21:19

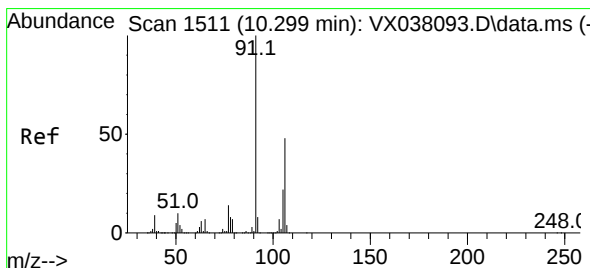
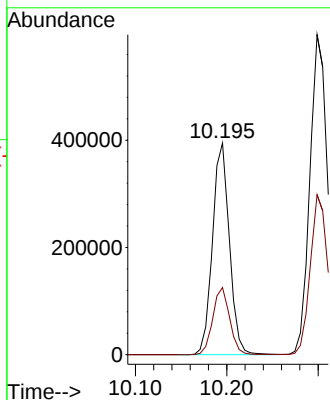
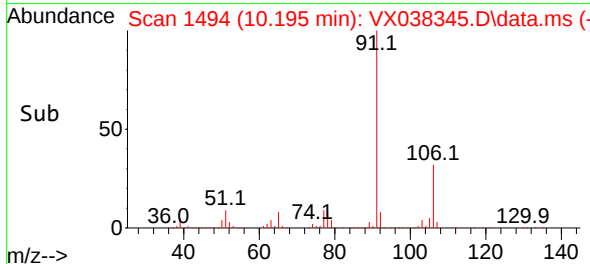
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



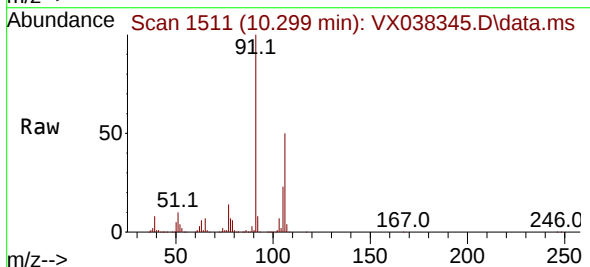
Tgt Ion: 91 Resp: 506479
Ion Ratio Lower Upper
91 100
106 31.7 24.9 37.3

Manual Integrations
APPROVED

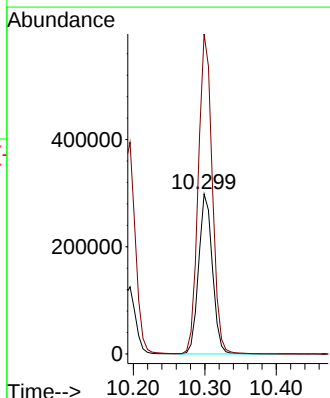
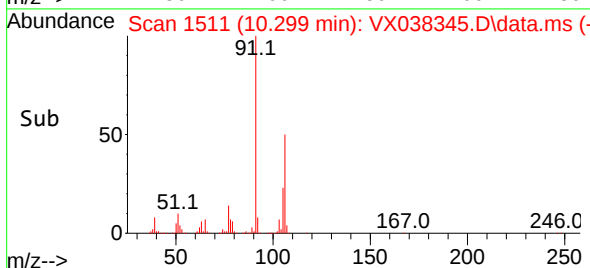
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023

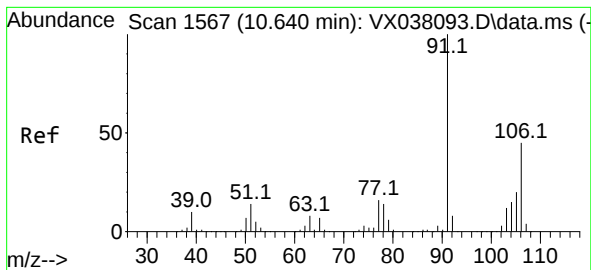


#68
m/p-Xylenes
Concen: 107.340 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX038345.D
Acq: 17 Oct 2023 21:19



Tgt Ion:106 Resp: 399614
Ion Ratio Lower Upper
106 100
91 202.5 165.5 248.3





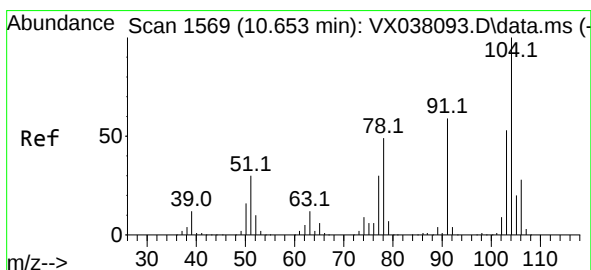
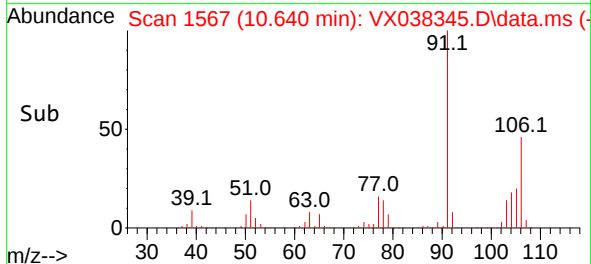
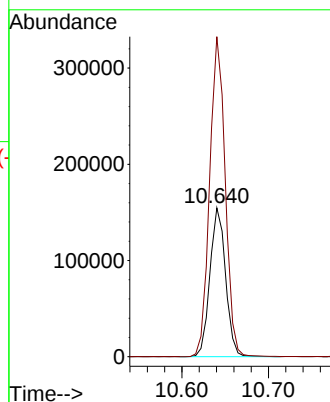
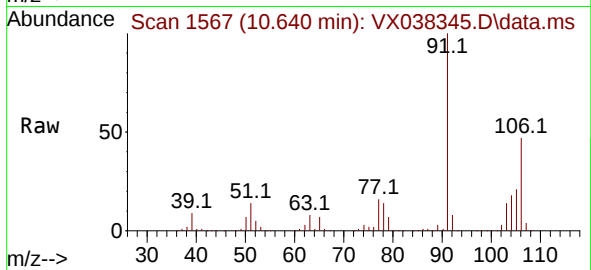
#69
o-Xylene
Concen: 53.429 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX038345.D
Acq: 17 Oct 2023 21:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 19413
Ion Ratio Lower Upper
106 100
91 213.8 108.9 326.8

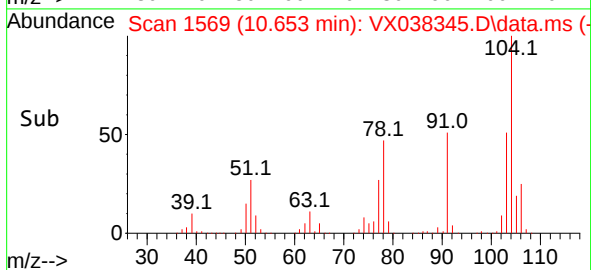
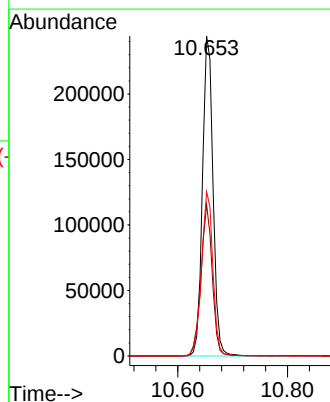
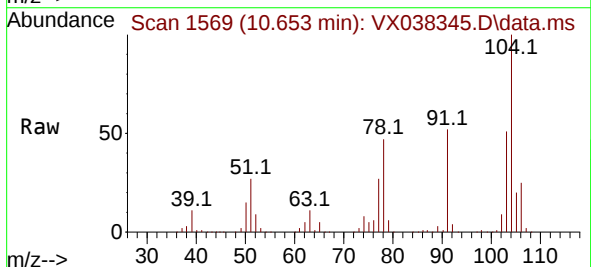
Manual Integrations
APPROVED

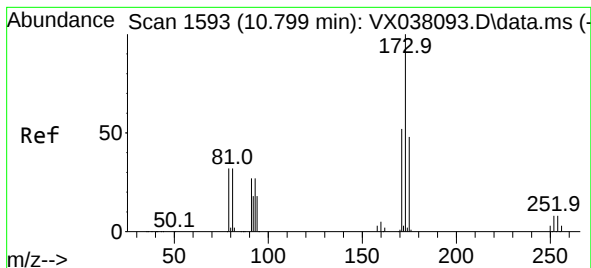
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#70
Styrene
Concen: 55.285 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. -0.006 min
Lab File: VX038345.D
Acq: 17 Oct 2023 21:19

Tgt Ion:104 Resp: 327136
Ion Ratio Lower Upper
104 100
78 50.5 43.6 65.4
103 55.6 43.6 65.4





#71

Bromoform

Concen: 50.264 ug/l

RT: 10.799 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX038345.D

Acq: 17 Oct 2023 21:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

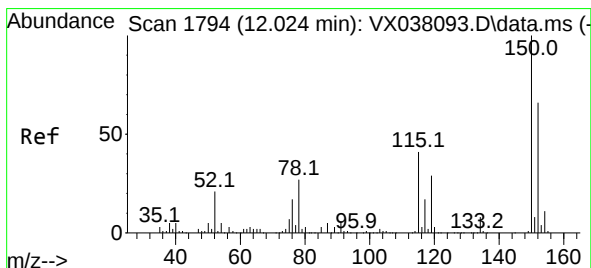
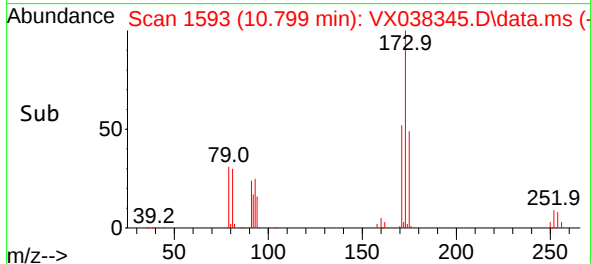
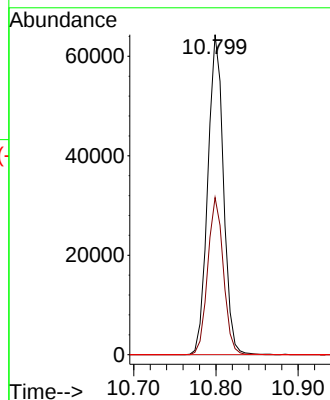
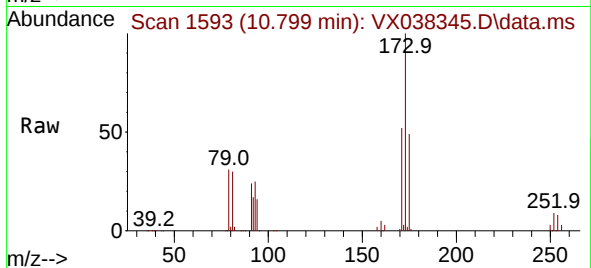
Tgt Ion:173 Resp: 8507
 Ion Ratio Lower Upper
 173 100
 175 49.1 24.1 72.4
 254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

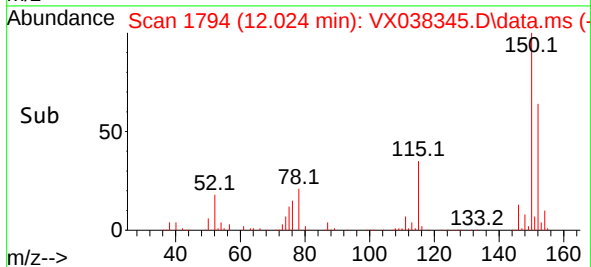
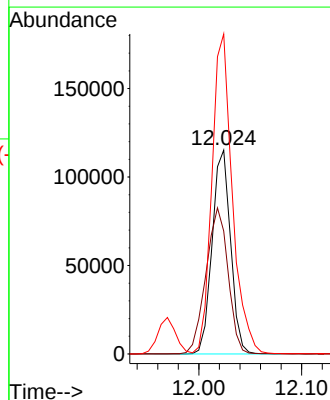
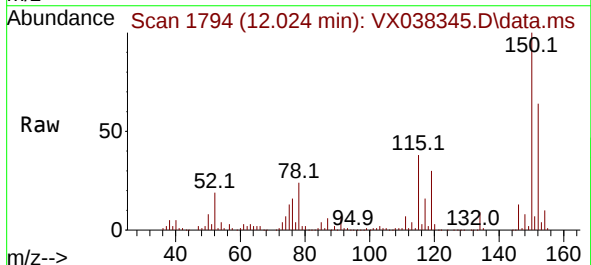
RT: 12.024 min Scan# 1794

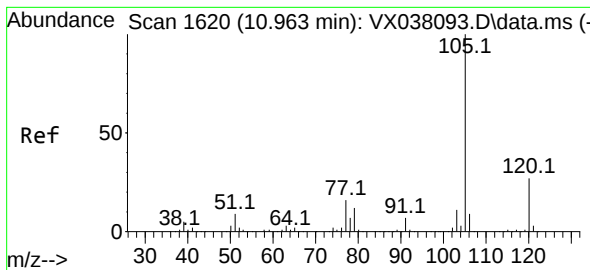
Delta R.T. 0.000 min

Lab File: VX038345.D

Acq: 17 Oct 2023 21:19

Tgt Ion:152 Resp: 142976
 Ion Ratio Lower Upper
 152 100
 115 86.4 43.3 129.9
 150 174.1 0.0 345.0





#73

Isopropylbenzene

Concen: 53.803 ug/l

RT: 10.963 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX038345.D

Acq: 17 Oct 2023 21:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 515884

Ion Ratio Lower Upper

105 100

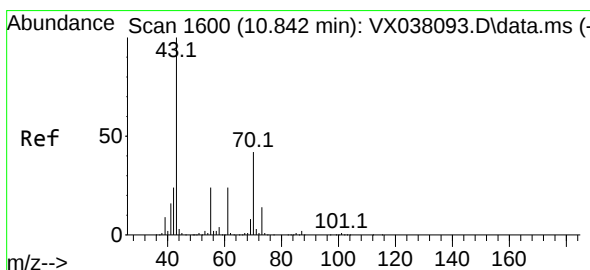
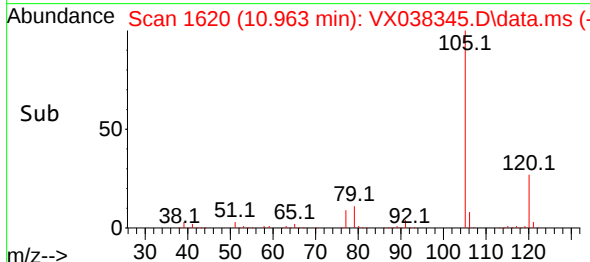
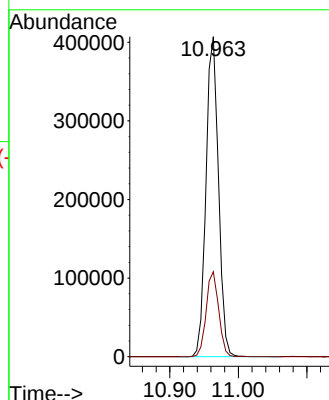
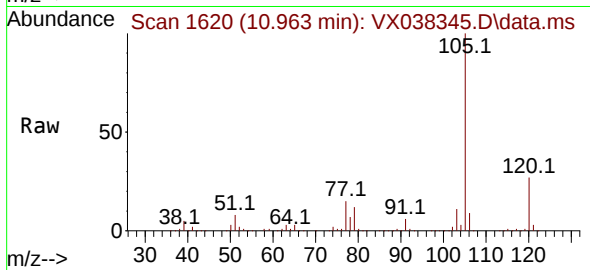
120 26.6 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#74

N-ethyl acetate

Concen: 51.865 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. -0.001 min

Lab File: VX038345.D

Acq: 17 Oct 2023 21:19

Tgt Ion: 43 Resp: 212367

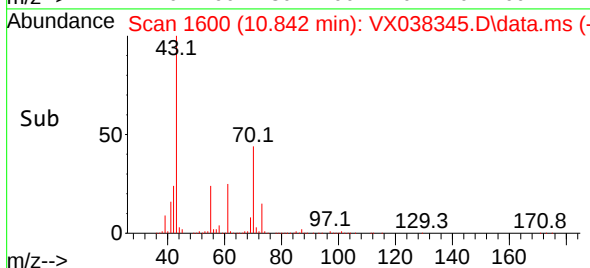
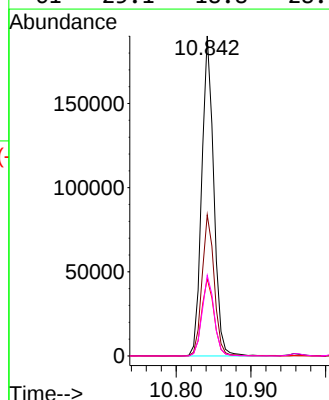
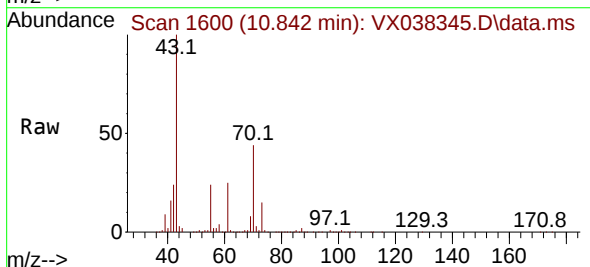
Ion Ratio Lower Upper

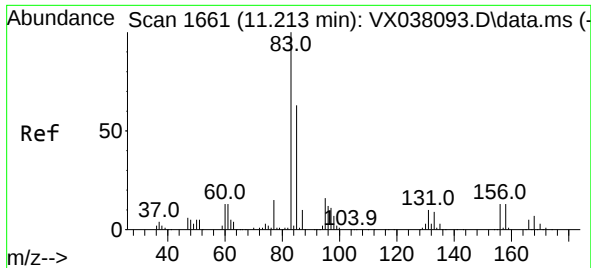
43 100

70 44.6 32.9 49.3

55 25.0 19.3 28.9

61 25.1 18.8 28.2





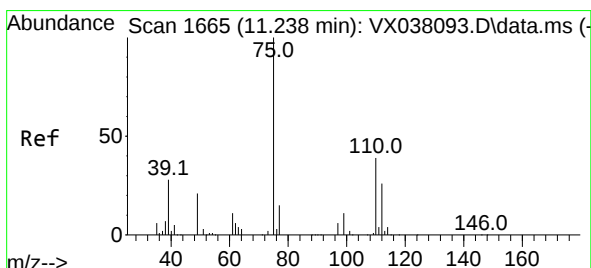
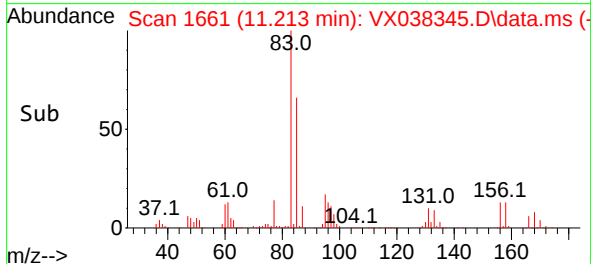
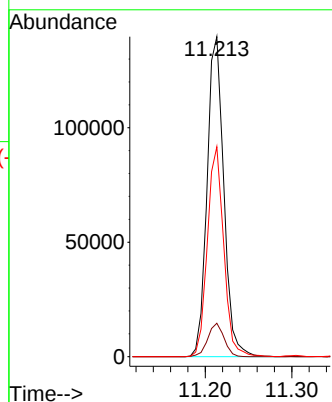
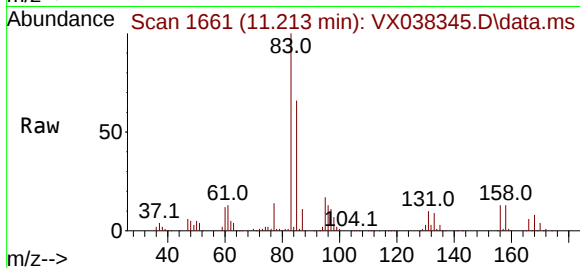
#75
1,1,2,2-Tetrachloroethane
Concen: 53.168 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX038345.D
Acq: 17 Oct 2023 21:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 18706
Ion Ratio Lower Upper
83 100
131 10.2 5.3 15.8
85 64.4 32.0 96.2

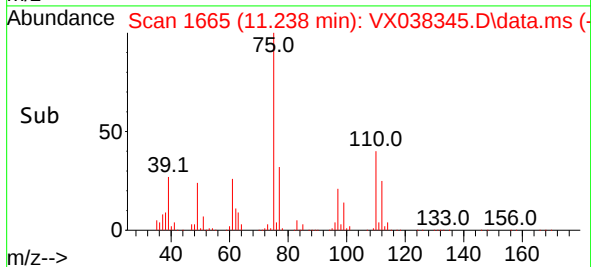
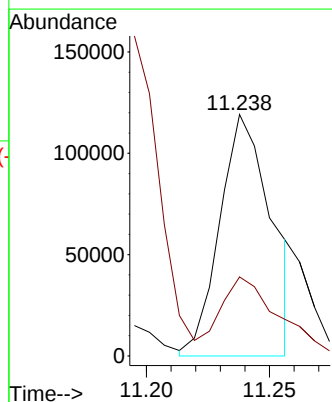
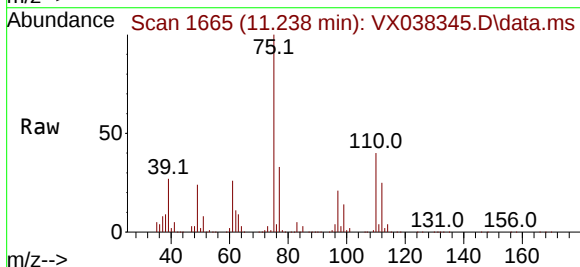
Manual Integrations
APPROVED

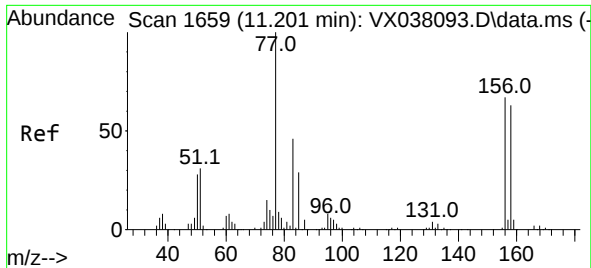
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#76
1,2,3-Trichloropropane
Concen: 53.274 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX038345.D
Acq: 17 Oct 2023 21:19

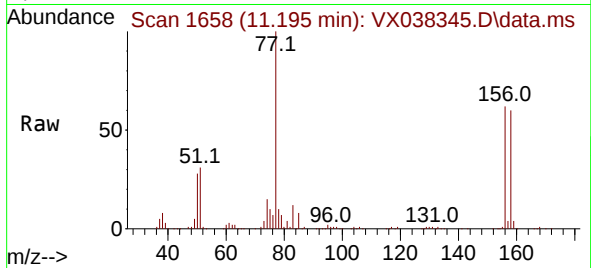
Tgt Ion: 75 Resp: 173162
Ion Ratio Lower Upper
75 100
77 37.5 19.1 57.5





#77
Bromobenzene
Concen: 54.592 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX038345.D
Acq: 17 Oct 2023 21:19

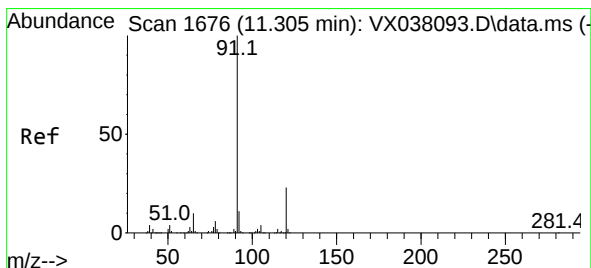
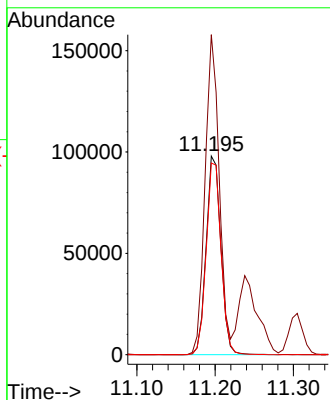
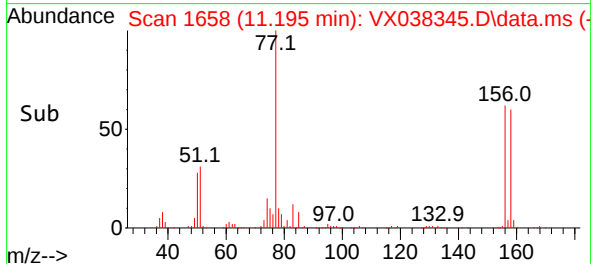
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:156 Resp: 127790
Ion Ratio Lower Upper
156 100
77 154.2 88.4 265.3
158 97.5 48.0 144.0

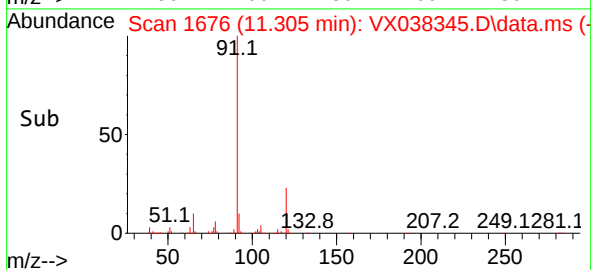
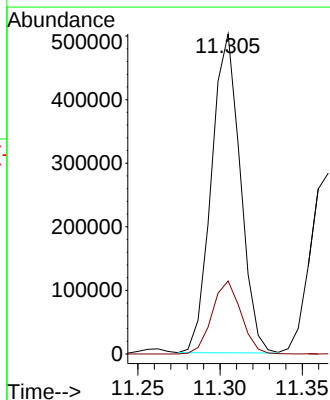
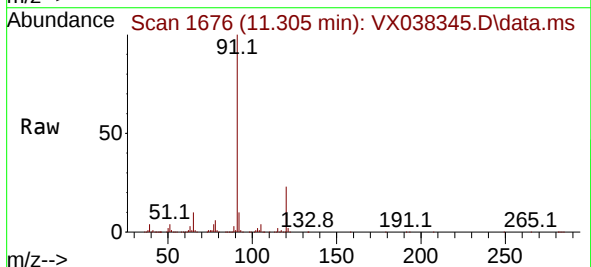
Manual Integrations
APPROVED

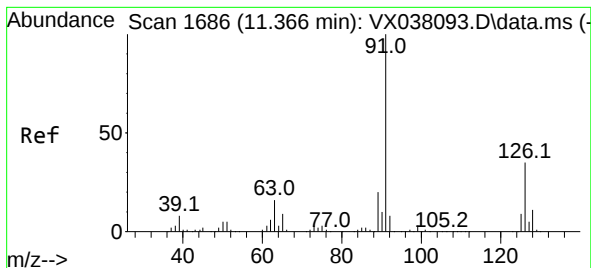
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#78
n-propylbenzene
Concen: 52.154 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX038345.D
Acq: 17 Oct 2023 21:19

Tgt Ion: 91 Resp: 611462
Ion Ratio Lower Upper
91 100
120 23.0 11.5 34.4





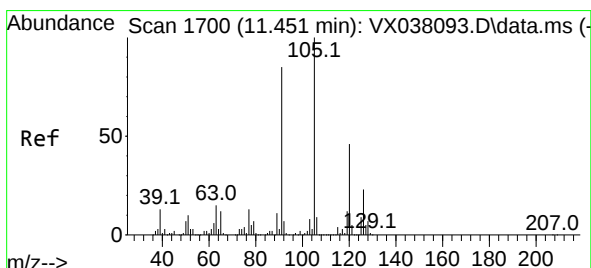
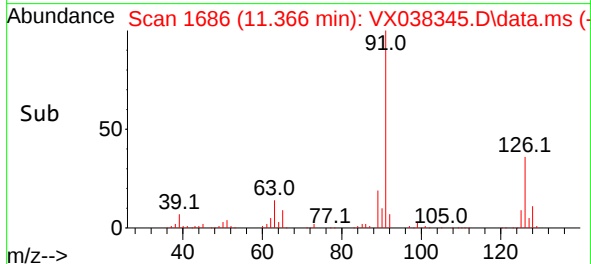
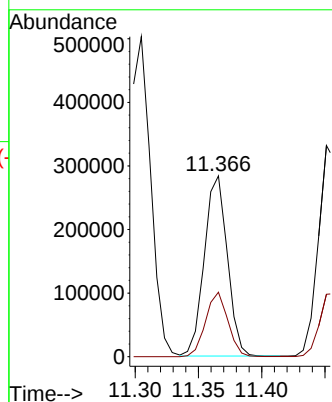
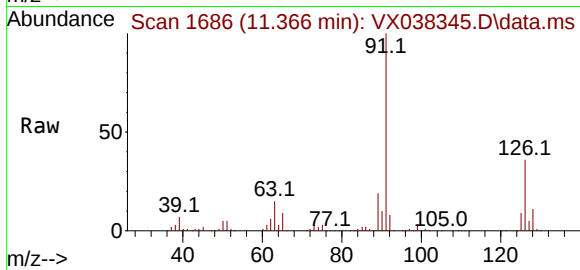
#79
2-Chlorotoluene
Concen: 51.656 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX038345.D
Acq: 17 Oct 2023 21:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 35916
Ion Ratio Lower Upper
91 100
126 34.8 16.3 48.8

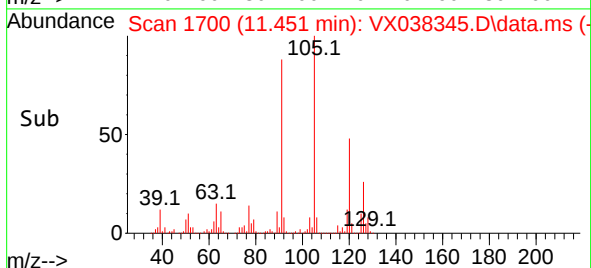
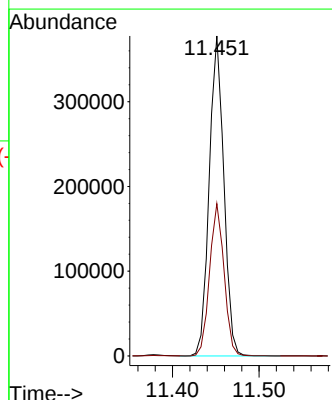
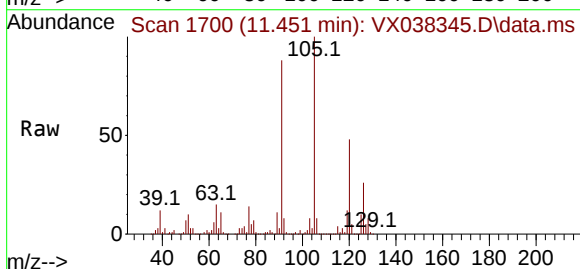
Manual Integrations
APPROVED

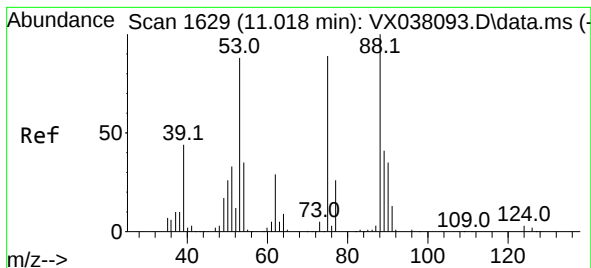
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#80
1,3,5-Trimethylbenzene
Concen: 53.399 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX038345.D
Acq: 17 Oct 2023 21:19

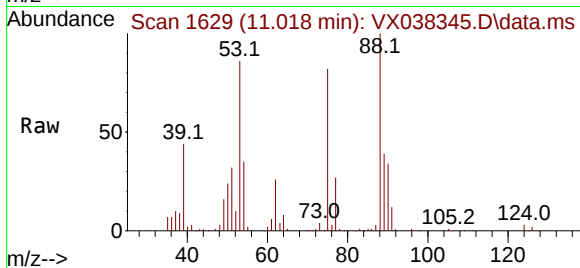
Tgt Ion:105 Resp: 441735
Ion Ratio Lower Upper
105 100
120 47.2 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 44.932 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX038345.D
Acq: 17 Oct 2023 21:19

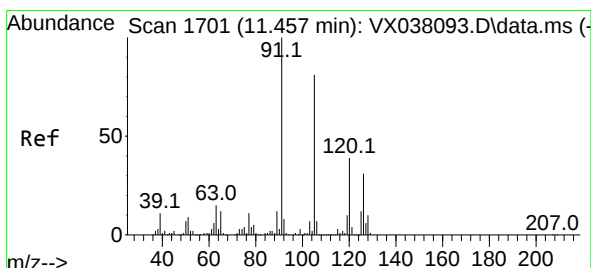
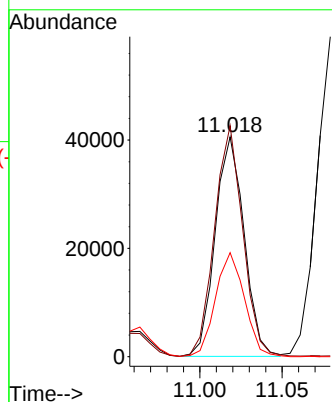
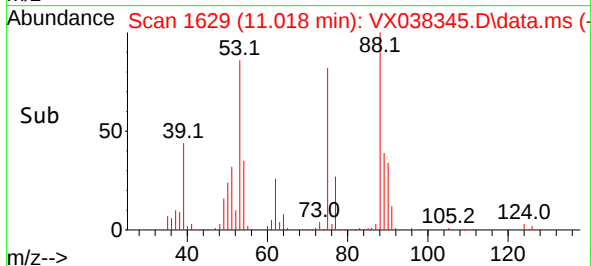
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 4952
Ion Ratio Lower Upper
75 100
53 102.6 90.5 135.7
89 47.4 36.9 55.3

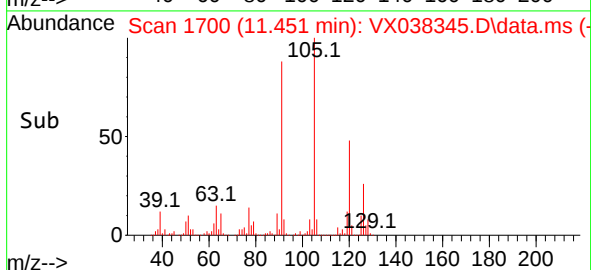
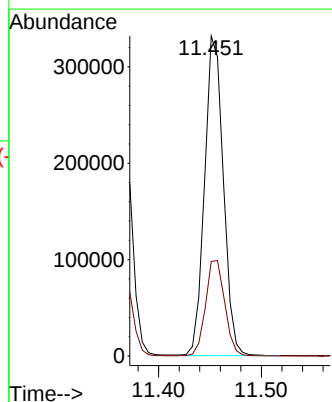
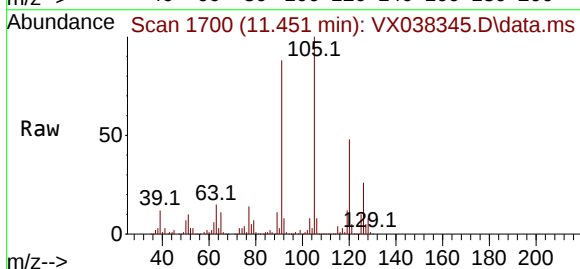
Manual Integrations
APPROVED

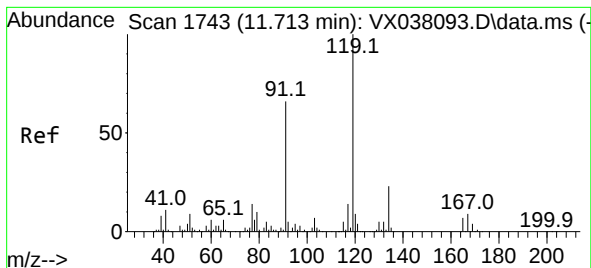
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#82
4-Chlorotoluene
Concen: 51.229 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX038345.D
Acq: 17 Oct 2023 21:19

Tgt Ion: 91 Resp: 421498
Ion Ratio Lower Upper
91 100
126 30.7 14.2 42.6





#83

tert-Butylbenzene

Concen: 54.044 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX038345.D

Acq: 17 Oct 2023 21:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:119 Resp: 436840

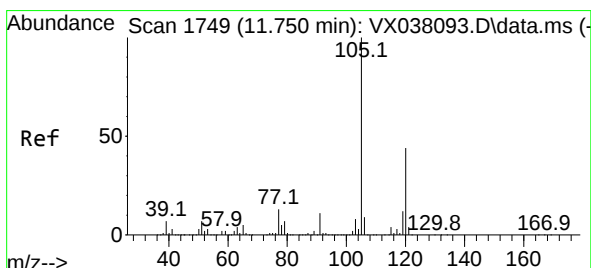
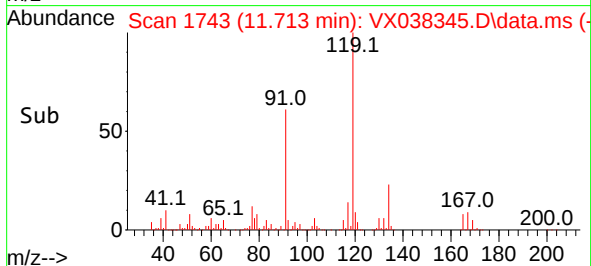
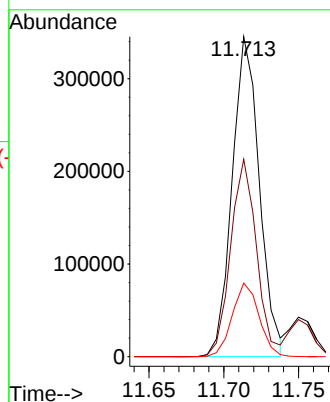
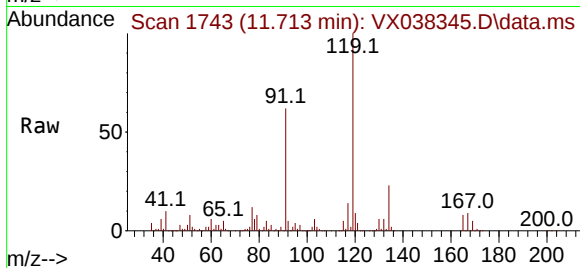
Ion	Ratio	Lower	Upper
119	100		
91	58.9	31.2	93.6
134	22.6	11.7	35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#84

1,2,4-Trimethylbenzene

Concen: 53.749 ug/l

RT: 11.750 min Scan# 1749

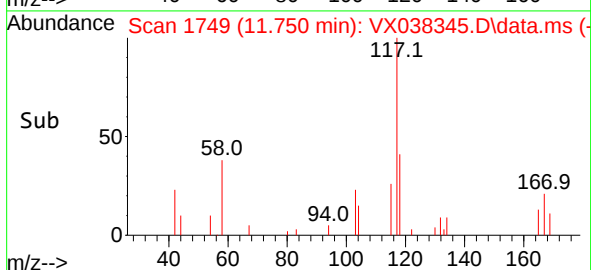
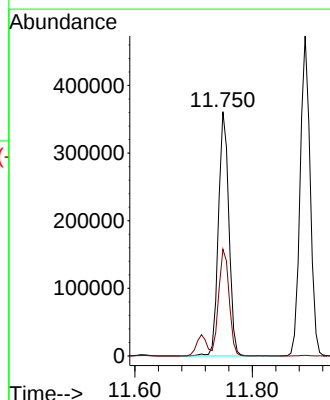
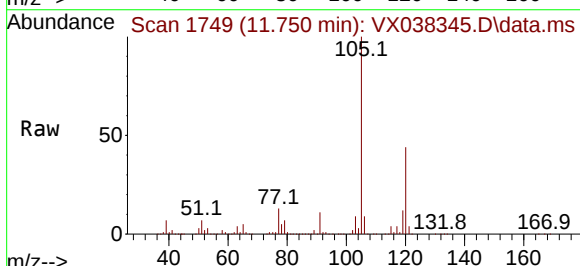
Delta R.T. -0.000 min

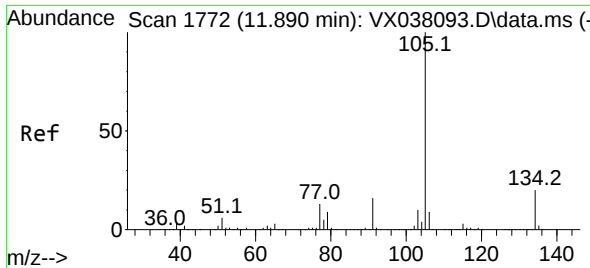
Lab File: VX038345.D

Acq: 17 Oct 2023 21:19

Tgt Ion:105 Resp: 443314

Ion	Ratio	Lower	Upper
105	100		
120	43.4	21.2	63.6





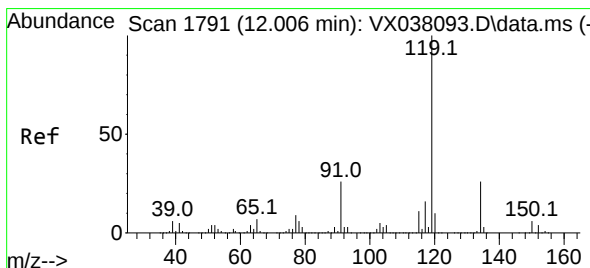
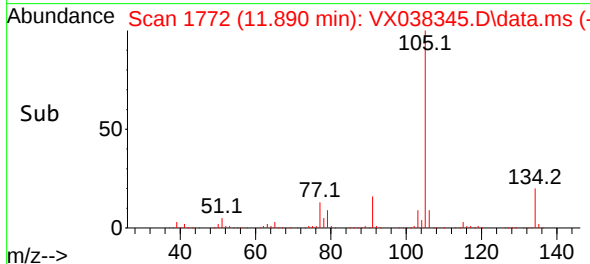
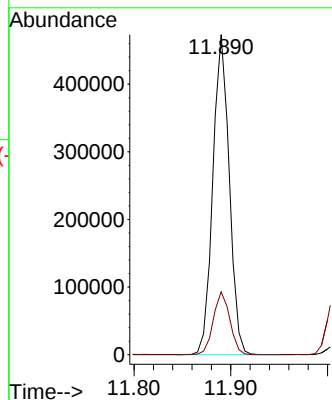
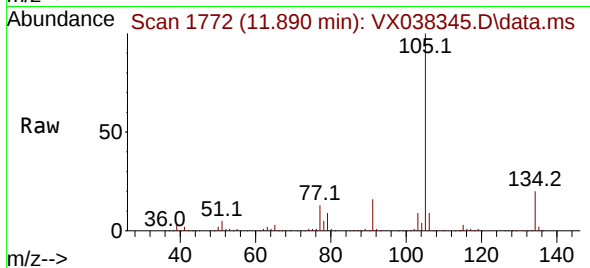
#85
 sec-Butylbenzene
 Concen: 53.237 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX038345.D
 Acq: 17 Oct 2023 21:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 557424
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.8 29.4

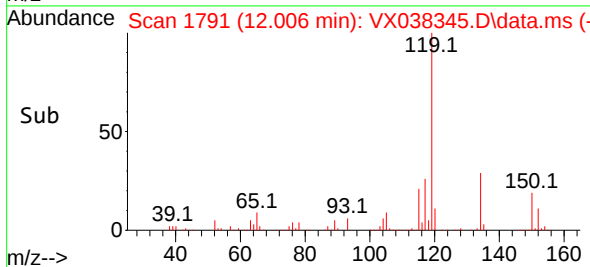
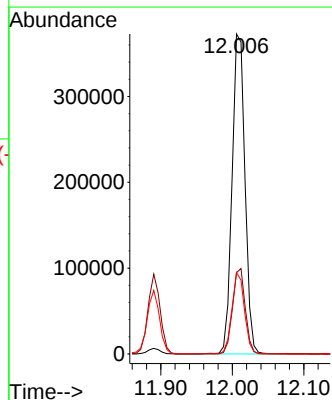
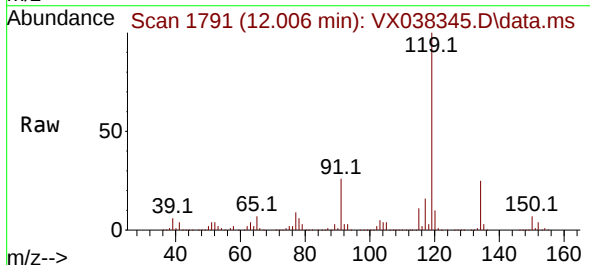
Manual Integrations
 APPROVED

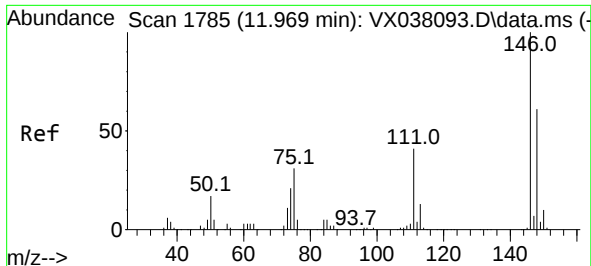
Reviewed By :John Carlone 10/18/2023
 Supervised By :Semsettin Yesilyurt 10/20/2023



#86
 p-Isopropyltoluene
 Concen: 53.942 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX038345.D
 Acq: 17 Oct 2023 21:19

Tgt Ion:119 Resp: 465997
 Ion Ratio Lower Upper
 119 100
 134 26.3 12.8 38.3
 91 24.6 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 52.932 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX038345.D

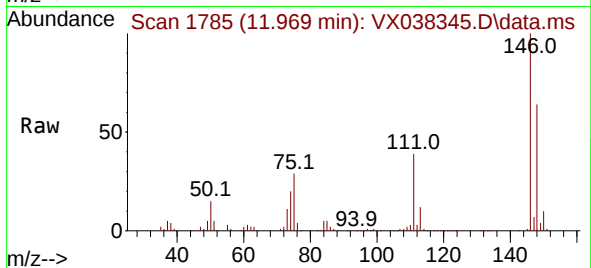
Acq: 17 Oct 2023 21:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



Tgt Ion:146 Resp: 248882

Ion Ratio Lower Upper

146 100

111 39.9 22.1 66.1

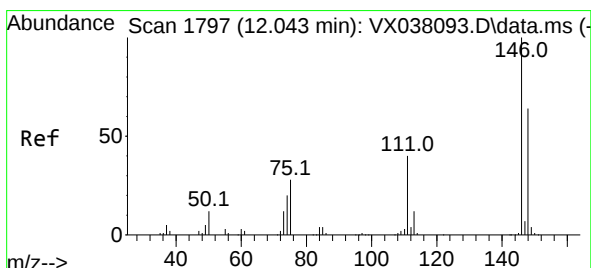
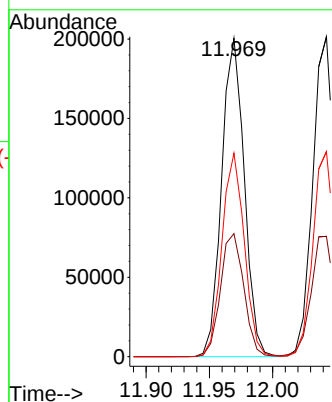
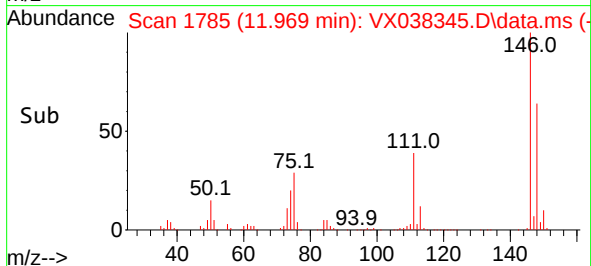
148 63.3 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#88

1,4-Dichlorobenzene

Concen: 51.884 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX038345.D

Acq: 17 Oct 2023 21:19

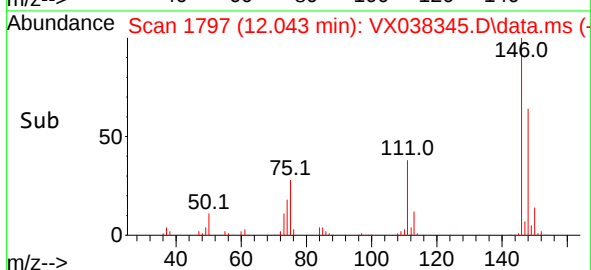
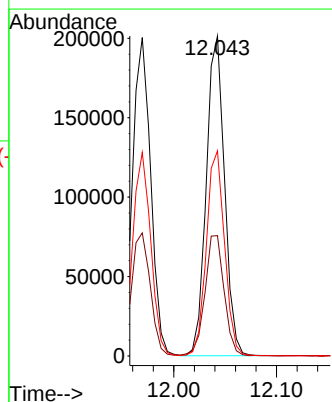
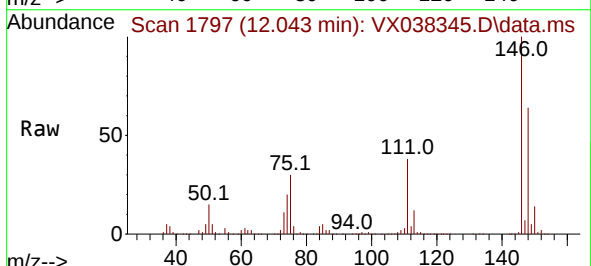
Tgt Ion:146 Resp: 249056

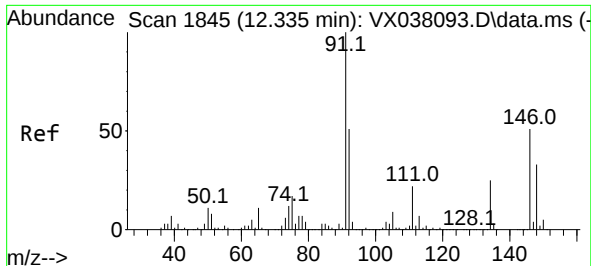
Ion Ratio Lower Upper

146 100

111 39.7 21.3 63.7

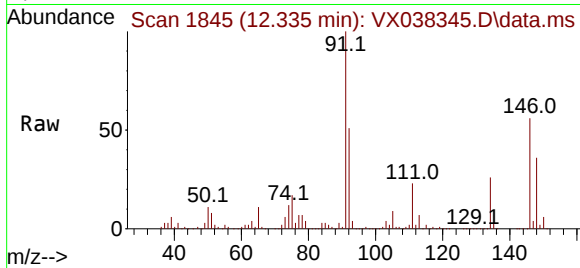
148 64.1 31.8 95.4





#89
n-Butylbenzene
Concen: 50.897 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX038345.D
Acq: 17 Oct 2023 21:19

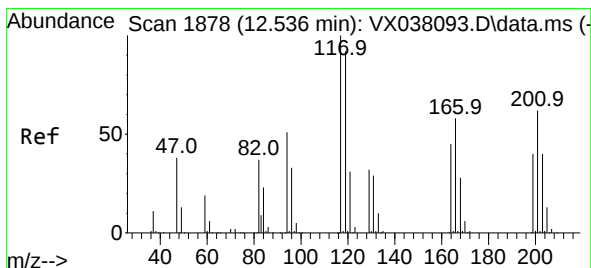
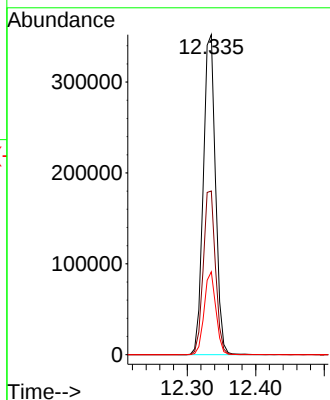
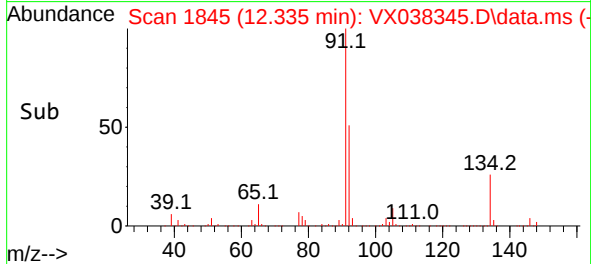
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 437892
Ion Ratio Lower Upper
91 100
92 51.4 27.4 82.0
134 24.9 12.6 37.8

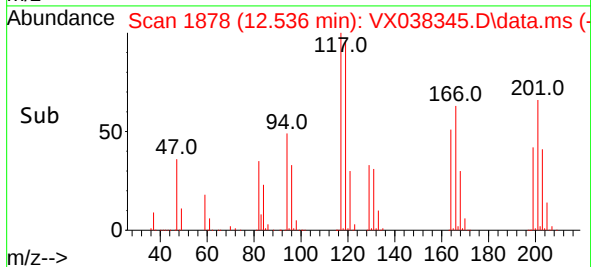
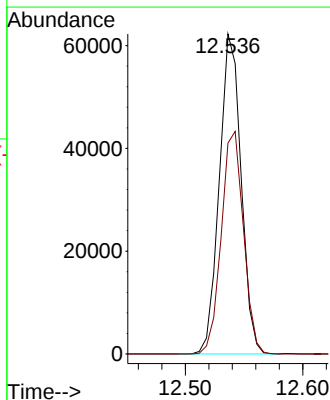
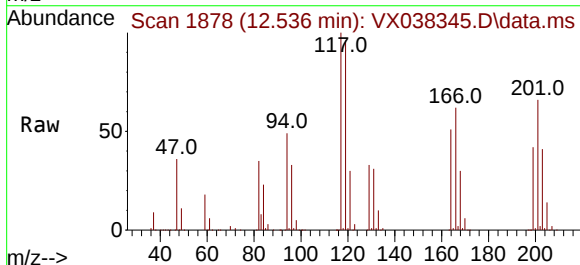
Manual Integrations
APPROVED

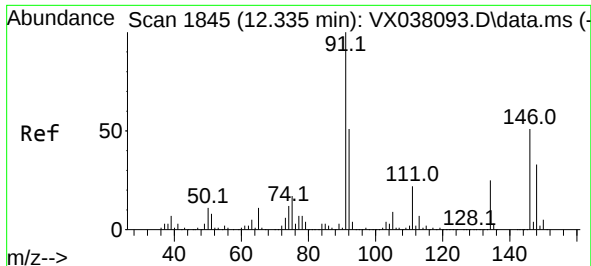
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#90
Hexachloroethane
Concen: 55.842 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX038345.D
Acq: 17 Oct 2023 21:19

Tgt Ion:117 Resp: 79985
Ion Ratio Lower Upper
117 100
201 71.0 32.9 98.6





#91

1,2-Dichlorobenzene

Concen: 53.547 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX038345.D

Acq: 17 Oct 2023 21:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 242000

Ion Ratio Lower Upper

146 100

111 41.3 22.4 67.0

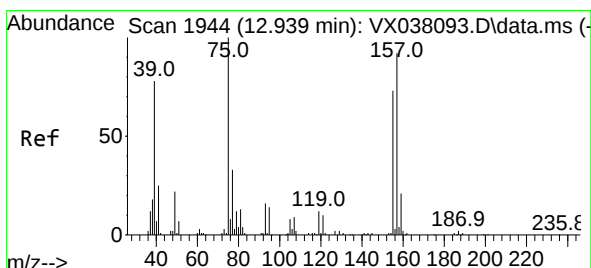
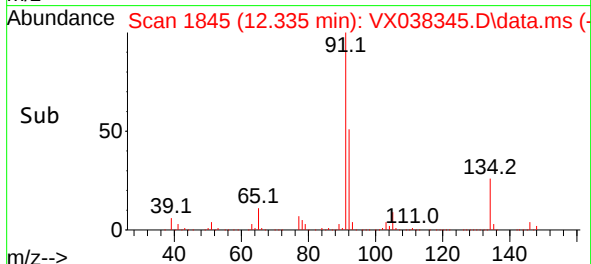
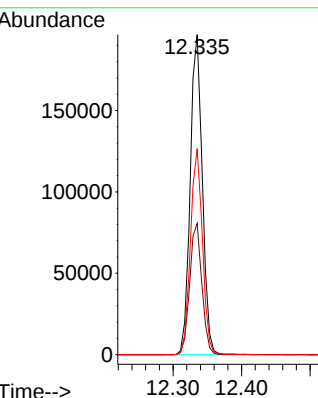
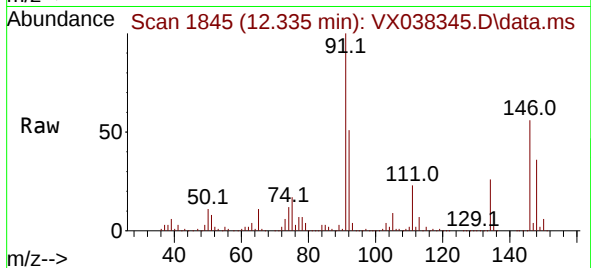
148 63.8 31.6 95.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#92

1,2-Dibromo-3-Chloropropane

Concen: 51.356 ug/l

RT: 12.939 min Scan# 1944

Delta R.T. -0.006 min

Lab File: VX038345.D

Acq: 17 Oct 2023 21:19

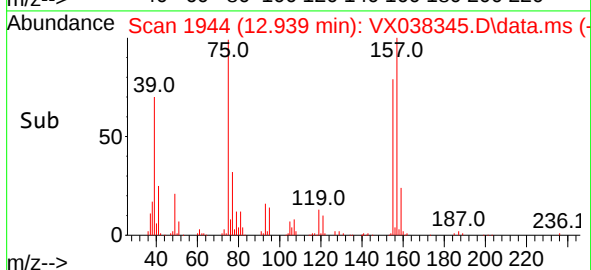
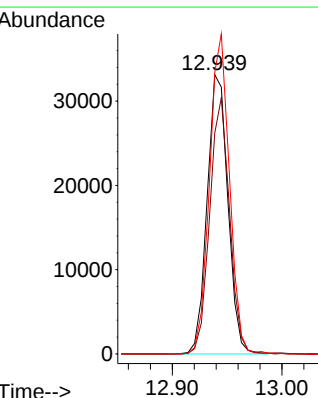
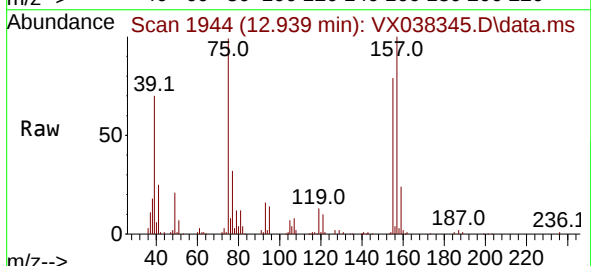
Tgt Ion: 75 Resp: 43687

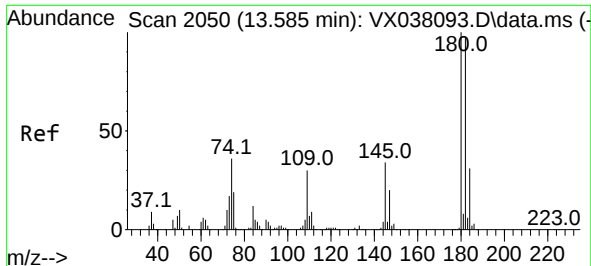
Ion Ratio Lower Upper

75 100

155 87.7 36.1 108.5

157 110.0 44.9 134.7





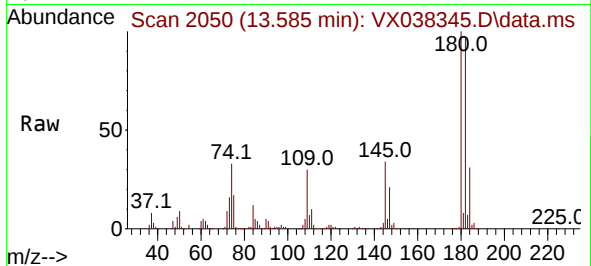
#93
1,2,4-Trichlorobenzene
Concen: 51.378 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX038345.D
Acq: 17 Oct 2023 21:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



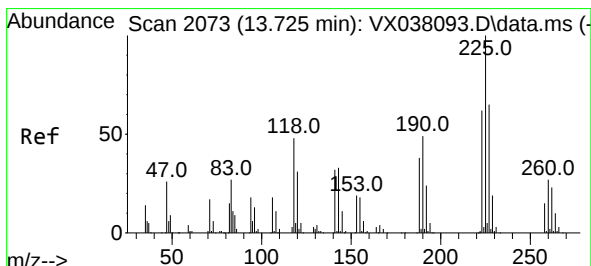
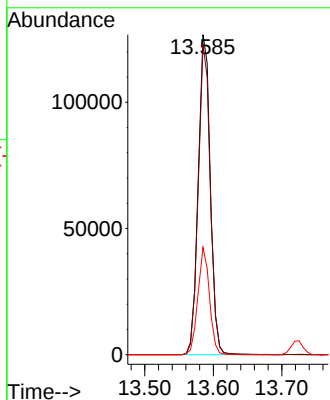
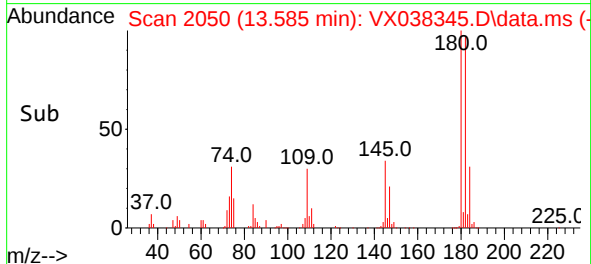
Tgt Ion:180 Resp: 155749
Ion Ratio Lower Upper
180 100
182 96.4 48.3 144.8
145 32.1 18.0 54.0

Manual Integrations

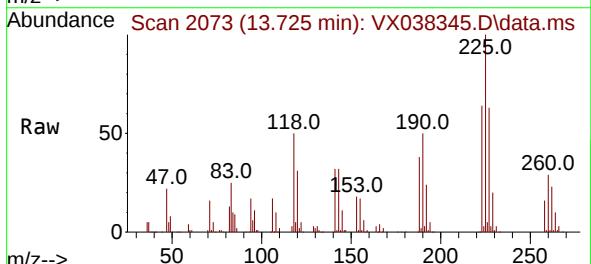
APPROVED

Reviewed By :John Carlone 10/18/2023

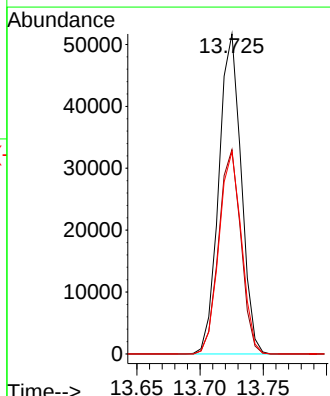
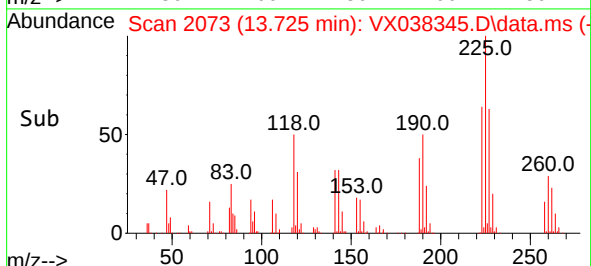
Supervised By :Semsettin Yesilyurt 10/20/2023

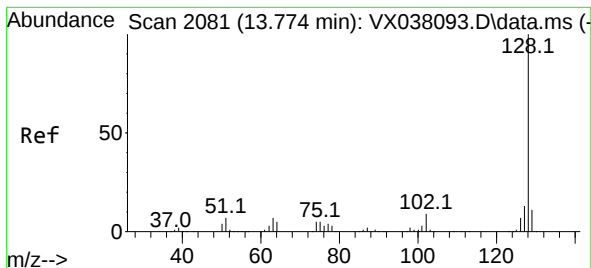


#94
Hexachlorobutadiene
Concen: 51.918 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX038345.D
Acq: 17 Oct 2023 21:19



Tgt Ion:225 Resp: 63344
Ion Ratio Lower Upper
225 100
223 63.4 31.1 93.2
227 63.6 32.5 97.5





#95

Naphthalene

Concen: 51.324 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX038345.D

Acq: 17 Oct 2023 21:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:128 Resp: 54180

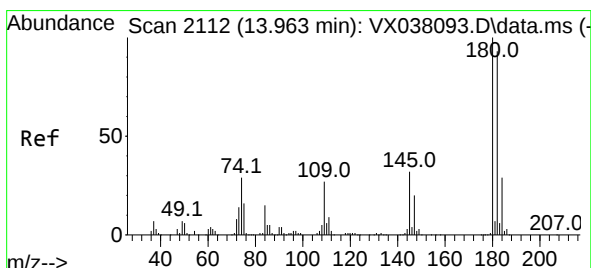
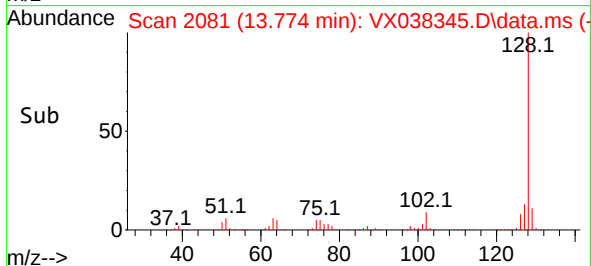
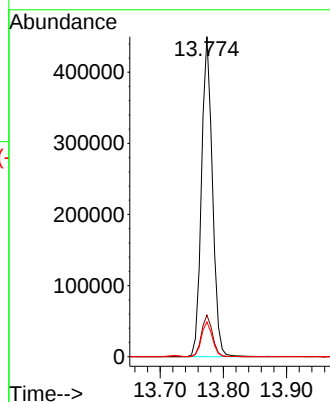
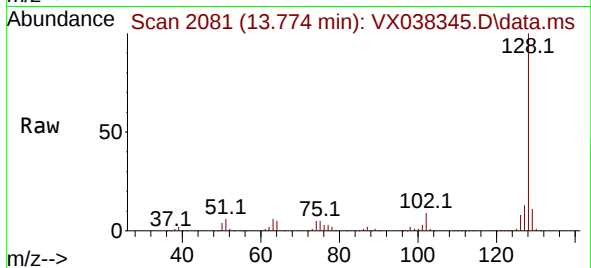
Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.3	15.5
129	10.9	8.8	13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#96

1,2,3-Trichlorobenzene

Concen: 51.652 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX038345.D

Acq: 17 Oct 2023 21:19

Tgt Ion:180 Resp: 151607

Ion	Ratio	Lower	Upper
180	100		
182	96.6	46.9	140.6
145	34.0	17.8	53.5

