

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020524\
 Data File : VX040113.D
 Acq On : 05 Feb 2024 14:08
 Operator : JC/MD
 Sample : P1141-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EB-3-0-2

Quant Time: Feb 06 03:00:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X013024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 01 05:44:39 2024
 Response via : Initial Calibration

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

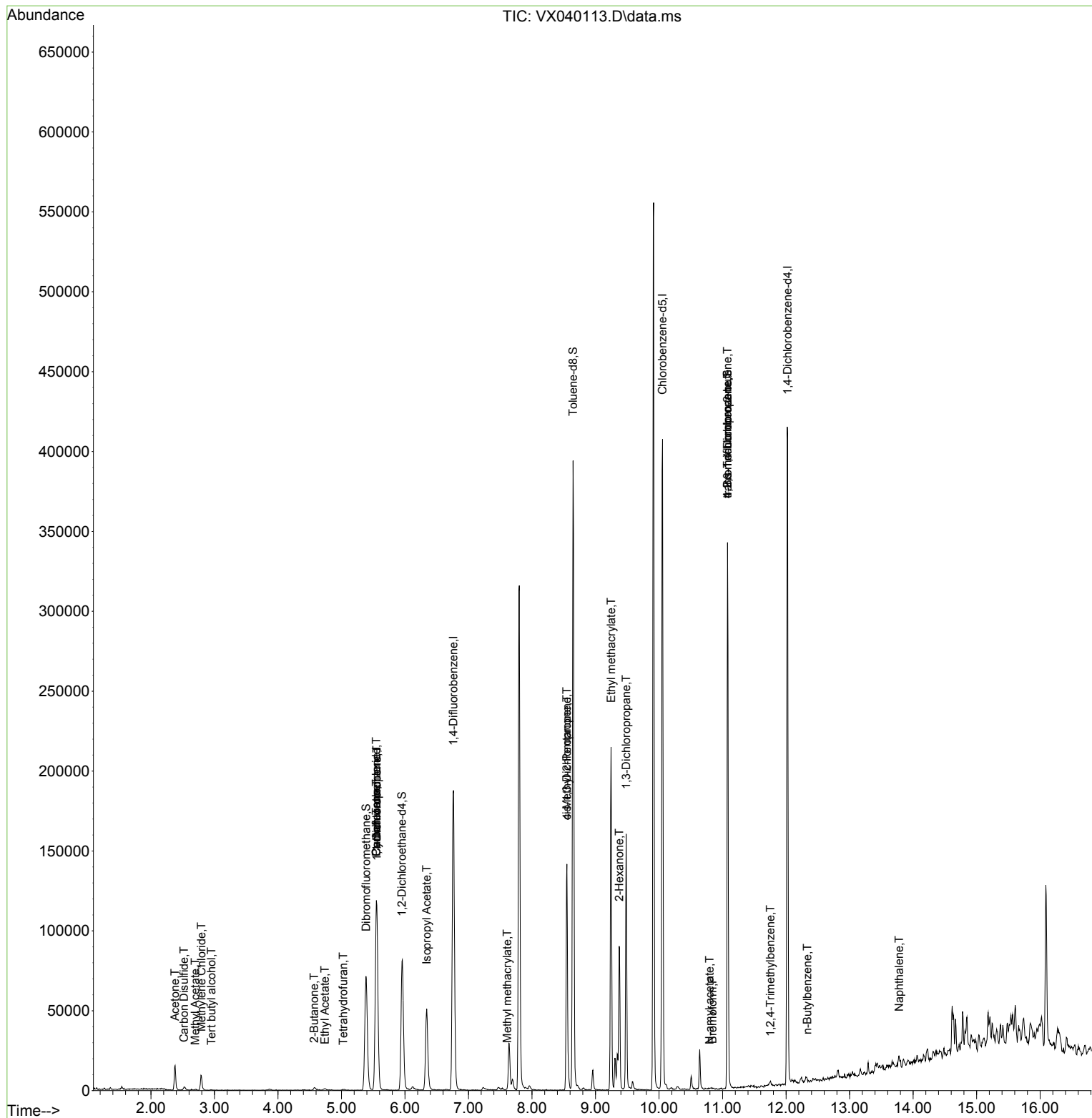
Internal Standards						
1) Pentafluorobenzene	5.550	168	109017	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	193794	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	180071	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	83512	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	76842	43.797	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	87.600%		
35) Dibromofluoromethane	5.385	113	61124	46.333	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.660%		
50) Toluene-d8	8.647	98	229381	46.494	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	92.980%		
62) 4-Bromofluorobenzene	11.079	95	88917	46.807	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	93.620%		
Target Compounds					Qvalue	
11) Tert butyl alcohol	2.953	59	163	0.512	ug/l #	78
16) Acetone	2.380	43	16276	19.799	ug/l	97
17) Carbon Disulfide	2.520	76	1094	0.305	ug/l #	76
18) Methyl Acetate	2.697	43	763	0.392	ug/l	91
20) Methylene Chloride	2.794	84	4276	2.927	ug/l	89
25) 2-Butanone	4.568	43	2392	2.093	ug/l #	90
29) Tetrahydrofuran	5.025	42	168	0.231	ug/l	93
31) Cyclohexane	5.550	56	2869	1.305	ug/l #	14
36) 1,1-Dichloropropene	5.556	75	9685	5.076	ug/l #	50
37) Ethyl Acetate	4.739	43	2697	1.294	ug/l #	76
38) Carbon Tetrachloride	5.550	117	12147	6.654	ug/l #	14
43) Isopropyl Acetate	6.342	43	69581	21.176	ug/l	98
48) Methyl methacrylate	7.610	41	1424	0.880	ug/l #	16
51) 4-Methyl-2-Pentanone	8.549	43	50110	22.340	ug/l #	52
54) cis-1,3-Dichloropropene	8.549	75	21350	9.836	ug/l #	62
56) Ethyl methacrylate	9.244	69	587	0.280	ug/l #	1
57) 1,3-Dichloropropane	9.482	76	1432	0.606	ug/l #	42
59) 2-Hexanone	9.372	43	66717	37.305	ug/l #	26
71) Bromoform	10.841	173	26	0.609	ug/l #	29
74) N-amyl acetate	10.799	43	443	0.361	ug/l #	44
76) 1,2,3-Trichloropropane	11.079	75	46030	25.883	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	46030	76.099	ug/l #	5
84) 1,2,4-Trimethylbenzene	11.756	105	1151	0.224	ug/l	92
89) n-Butylbenzene	12.335	91	1092	0.211	ug/l #	69
90) Hexachloroethane	12.561	117	42	Below Cal		98
95) Naphthalene	13.780	128	4456	0.780	ug/l #	86

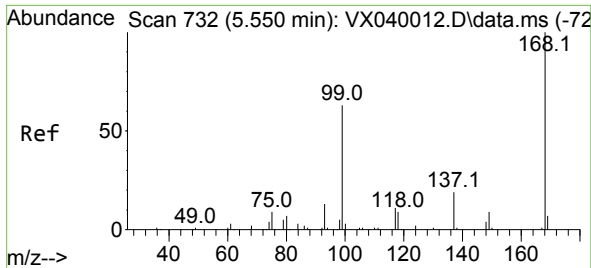
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020524\
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ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X013024W.M
Quant Title : SW846 8260
QLast Update : Thu Feb 01 05:44:39 2024
Response via : Initial Calibration

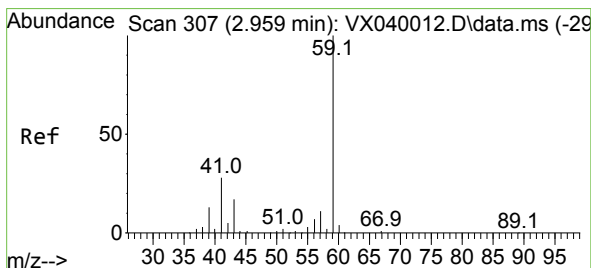
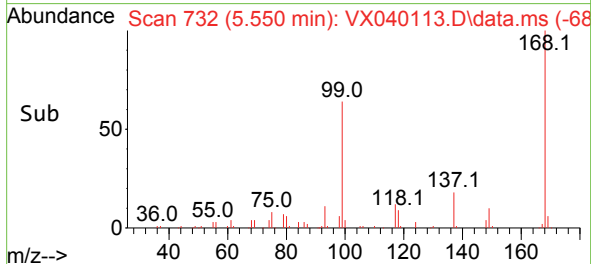
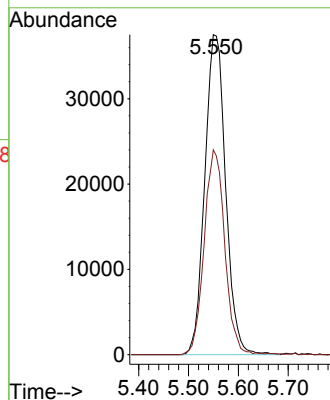
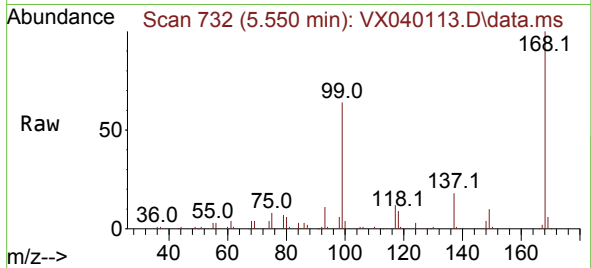




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX040113.D
Acq: 05 Feb 2024 14:08

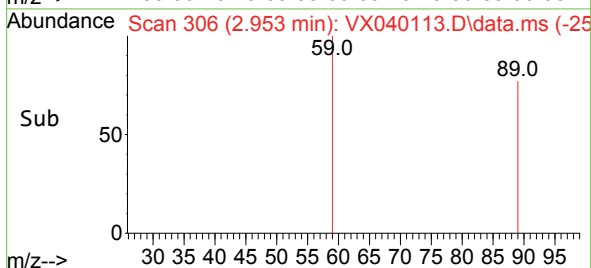
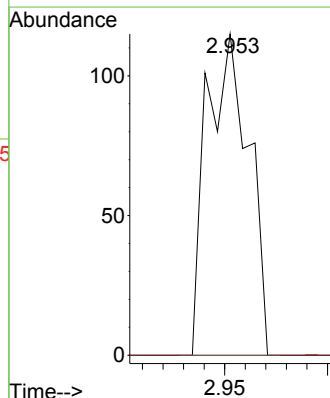
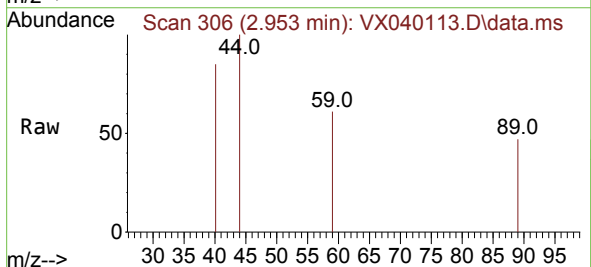
Instrument :
MSVOA_X
ClientSampleId :
EB-3-0-2

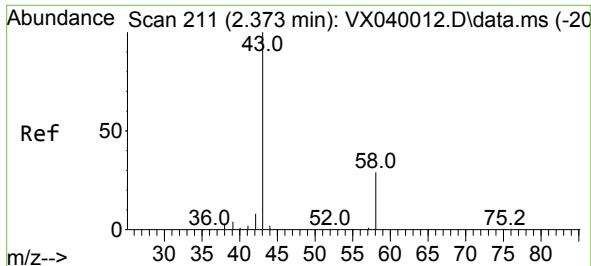
Tgt Ion:168 Resp: 109017
Ion Ratio Lower Upper
168 100
99 64.0 56.6 85.0



#11
Tert butyl alcohol
Concen: 0.512 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.006 min
Lab File: VX040113.D
Acq: 05 Feb 2024 14:08

Tgt Ion: 59 Resp: 163
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#





#16

Acetone

Concen: 19.799 ug/l

RT: 2.380 min Scan# 211

Delta R.T. 0.006 min

Lab File: VX040113.D

Acq: 05 Feb 2024 14:08

Instrument :

MSVOA_X

ClientSampleId :

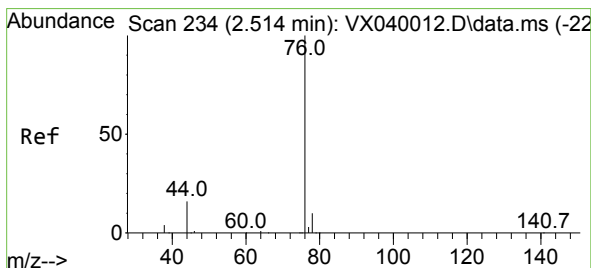
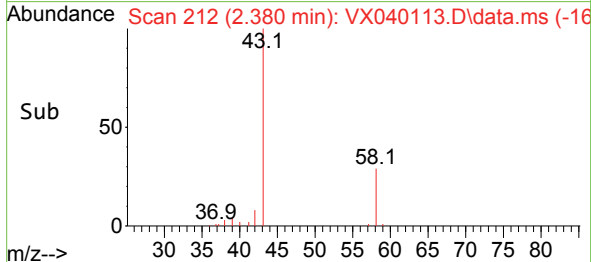
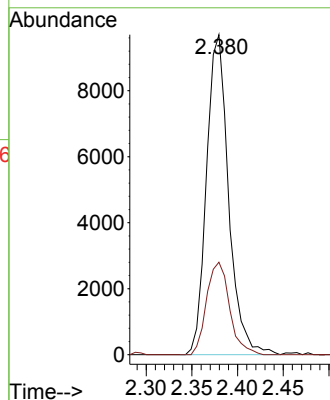
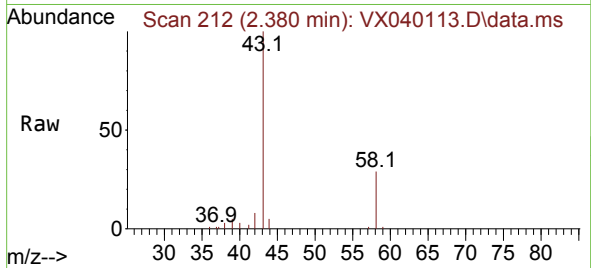
EB-3-0-2

Tgt Ion: 43 Resp: 16276

Ion Ratio Lower Upper

43 100

58 28.9 21.9 32.9



#17

Carbon Disulfide

Concen: 0.305 ug/l

RT: 2.520 min Scan# 235

Delta R.T. 0.006 min

Lab File: VX040113.D

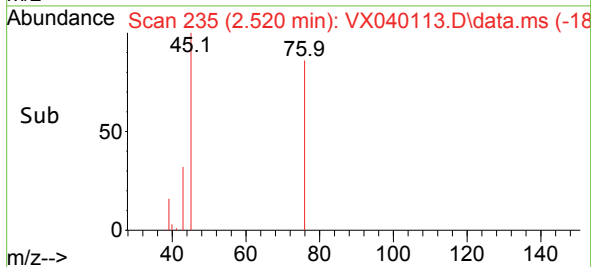
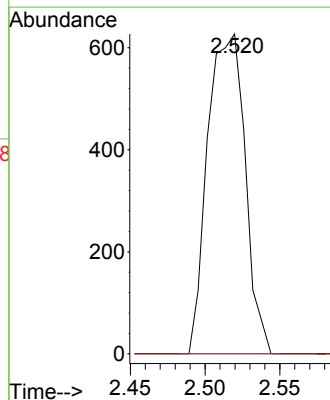
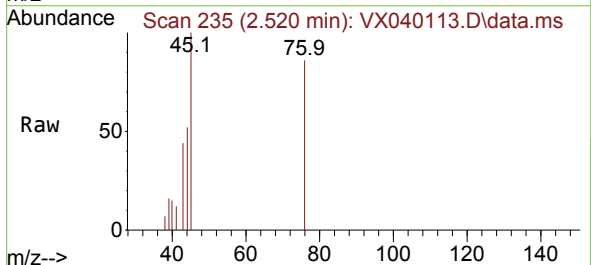
Acq: 05 Feb 2024 14:08

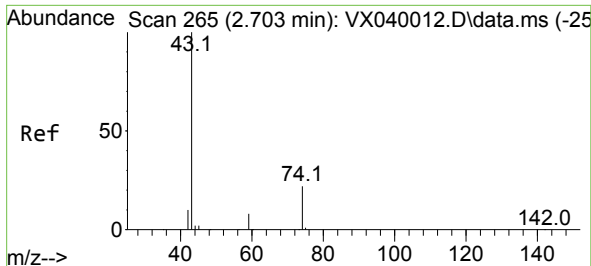
Tgt Ion: 76 Resp: 1094

Ion Ratio Lower Upper

76 100

78 0.0 7.0 10.6#

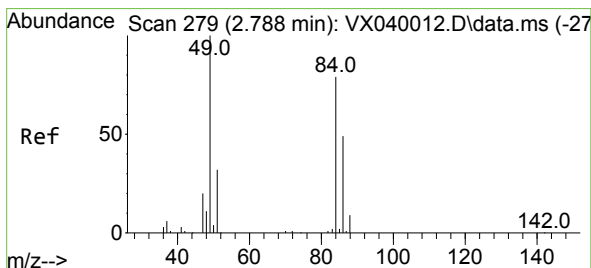
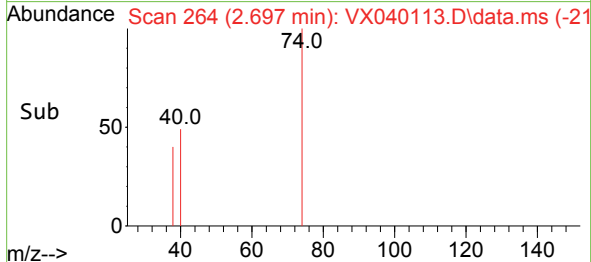
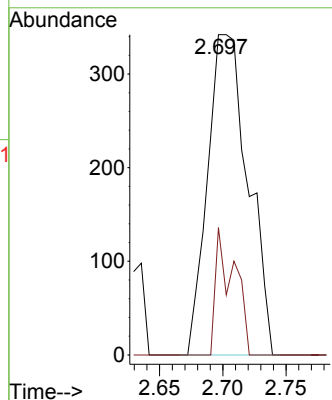
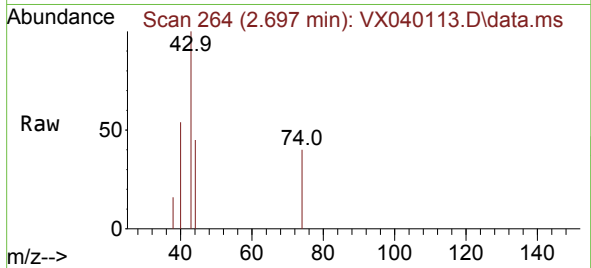




#18
Methyl Acetate
Concen: 0.392 ug/l
RT: 2.697 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX040113.D
Acq: 05 Feb 2024 14:08

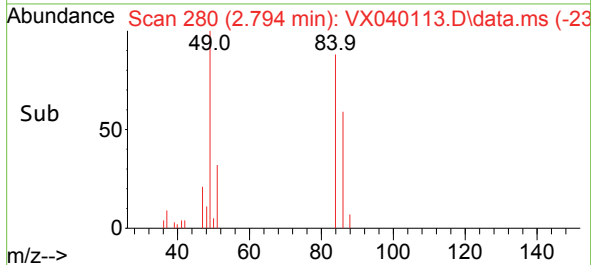
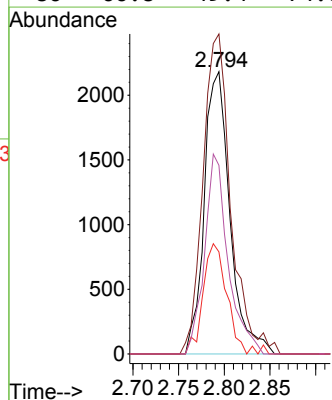
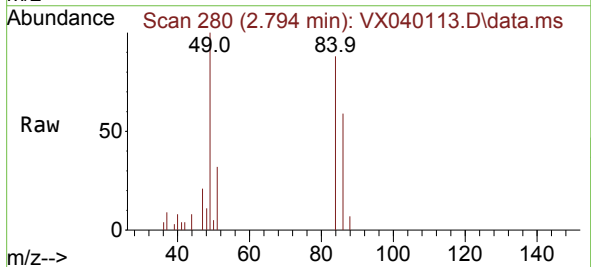
Instrument :
MSVOA_X
ClientSampleId :
EB-3-0-2

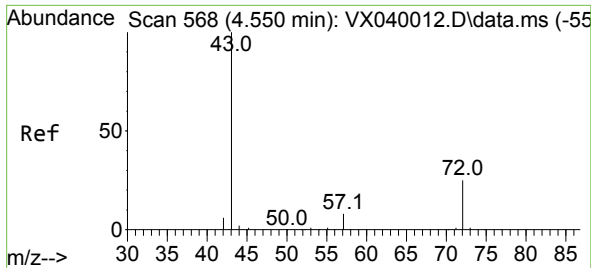
Tgt Ion: 43 Resp: 763
Ion Ratio Lower Upper
43 100
74 18.2 17.8 26.8



#20
Methylene Chloride
Concen: 2.927 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX040113.D
Acq: 05 Feb 2024 14:08

Tgt Ion: 84 Resp: 4276
Ion Ratio Lower Upper
84 100
49 113.4 103.6 155.4
51 36.2 33.8 50.6
86 66.8 49.4 74.0

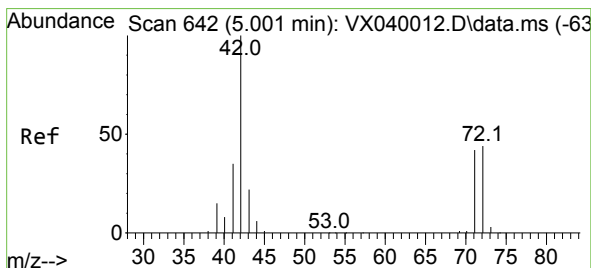
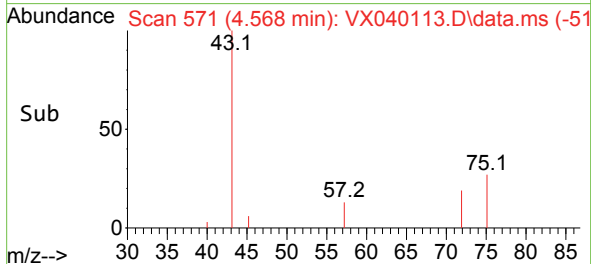
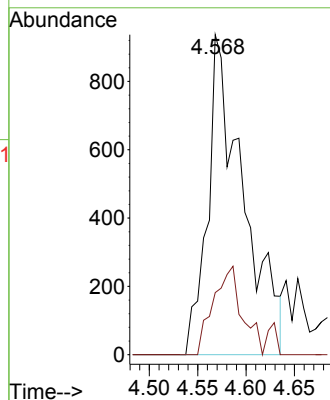
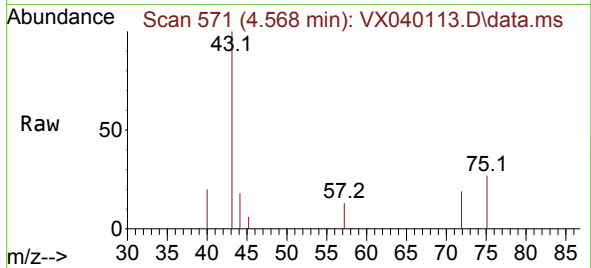




#25
2-Butanone
Concen: 2.093 ug/l
RT: 4.568 min Scan# 51
Delta R.T. 0.018 min
Lab File: VX040113.D
Acq: 05 Feb 2024 14:08

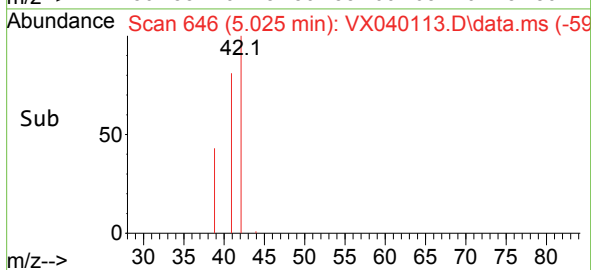
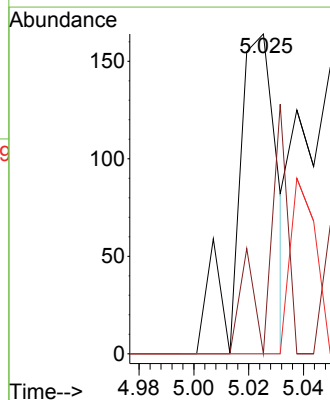
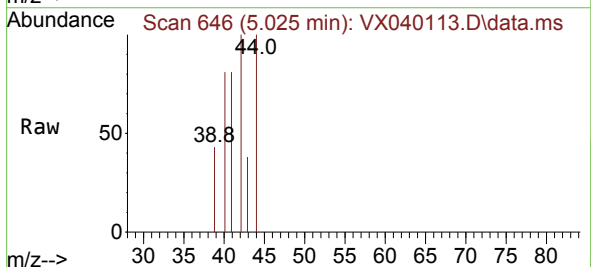
Instrument :
MSVOA_X
ClientSampleId :
EB-3-0-2

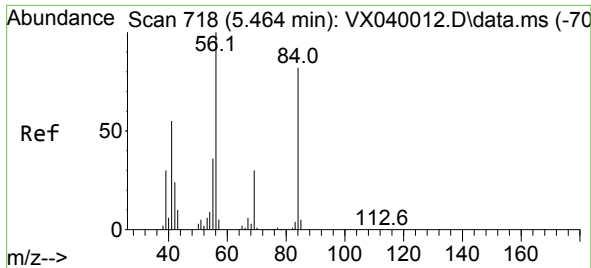
Tgt Ion: 43 Resp: 2392
Ion Ratio Lower Upper
43 100
72 19.4 19.4 29.2#



#29
Tetrahydrofuran
Concen: 0.231 ug/l
RT: 5.025 min Scan# 646
Delta R.T. 0.024 min
Lab File: VX040113.D
Acq: 05 Feb 2024 14:08

Tgt Ion: 42 Resp: 168
Ion Ratio Lower Upper
42 100
72 39.9 34.2 51.4
71 34.5 32.2 48.2

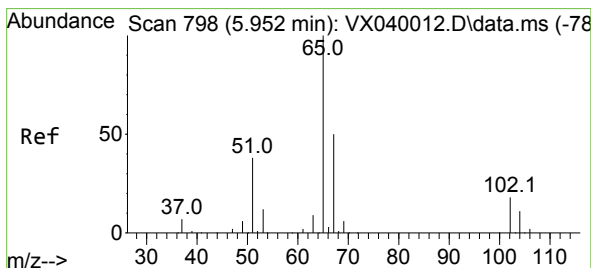
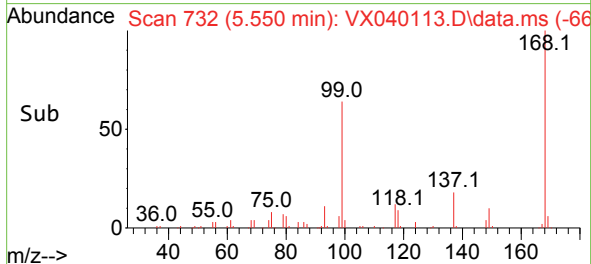
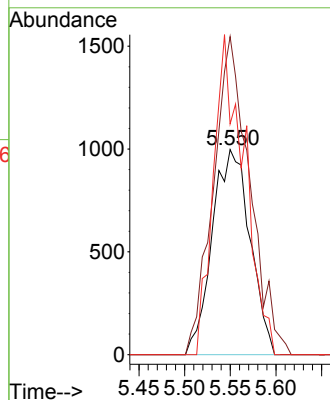
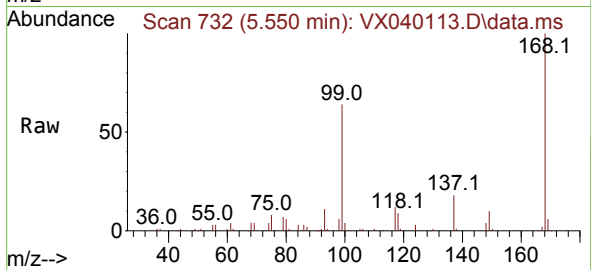




#31
Cyclohexane
Concen: 1.305 ug/l
RT: 5.550 min Scan# 718
Delta R.T. 0.085 min
Lab File: VX040113.D
Acq: 05 Feb 2024 14:08

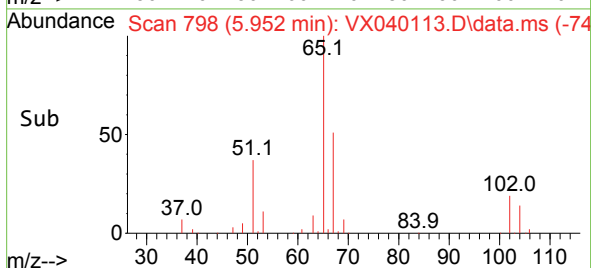
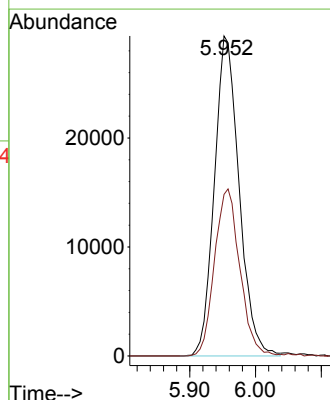
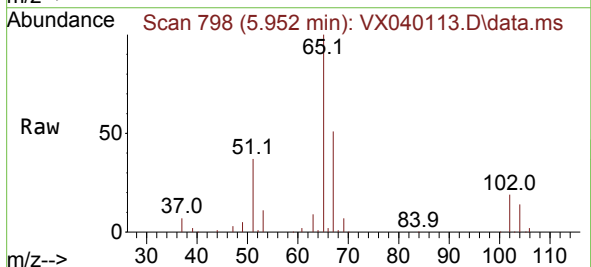
Instrument :
MSVOA_X
ClientSampleId :
EB-3-0-2

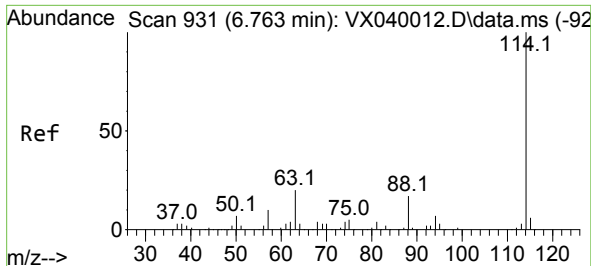
Tgt Ion: 56 Resp: 2869
Ion Ratio Lower Upper
56 100
69 155.2 23.4 35.2#
84 112.5 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 43.797 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX040113.D
Acq: 05 Feb 2024 14:08

Tgt Ion: 65 Resp: 76842
Ion Ratio Lower Upper
65 100
67 53.4 0.0 100.2

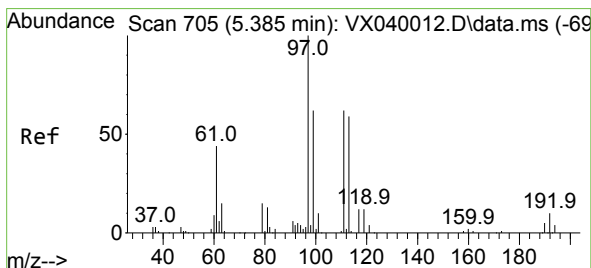
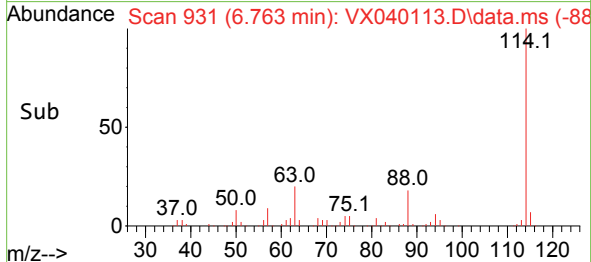
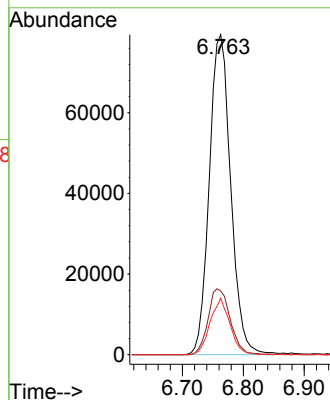
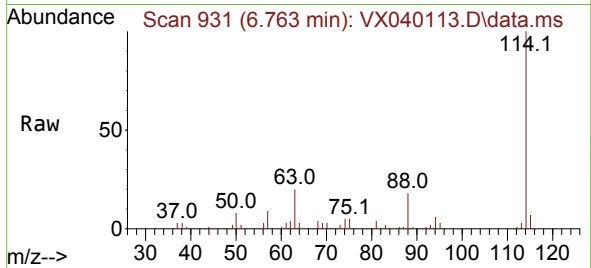




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX040113.D
Acq: 05 Feb 2024 14:08

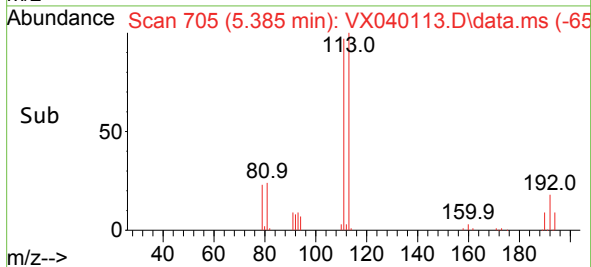
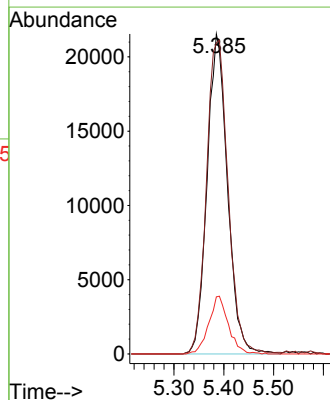
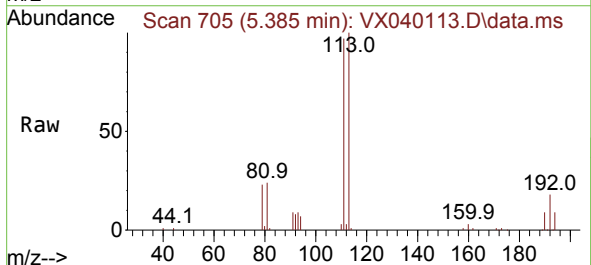
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ClientSampleId :
EB-3-0-2

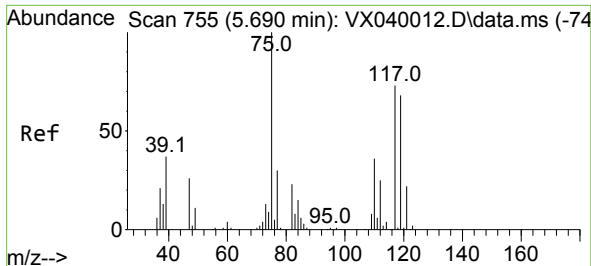
Tgt Ion:114 Resp: 193794
Ion Ratio Lower Upper
114 100
63 19.9 0.0 45.0
88 17.6 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.333 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX040113.D
Acq: 05 Feb 2024 14:08

Tgt Ion:113 Resp: 61124
Ion Ratio Lower Upper
113 100
111 104.1 82.9 124.3
192 17.4 13.3 19.9

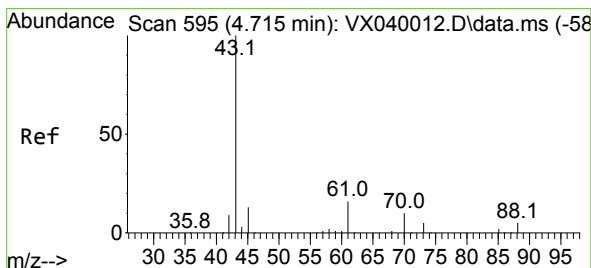
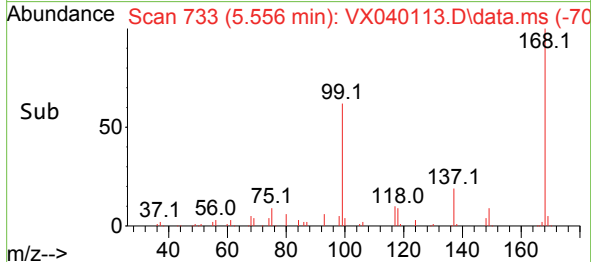
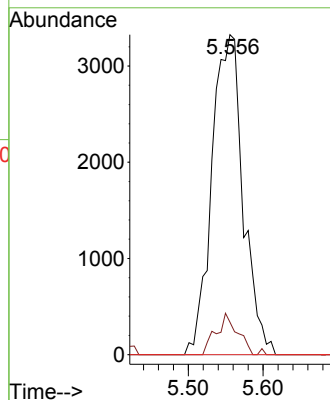
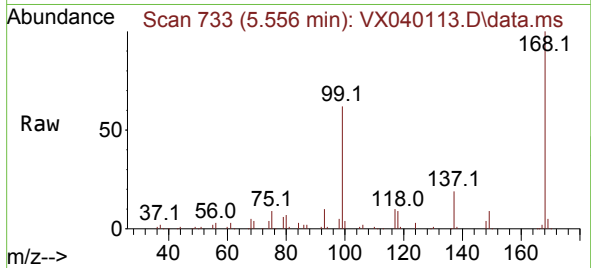




#36
1,1-Dichloropropene
Concen: 5.076 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX040113.D
Acq: 05 Feb 2024 14:08

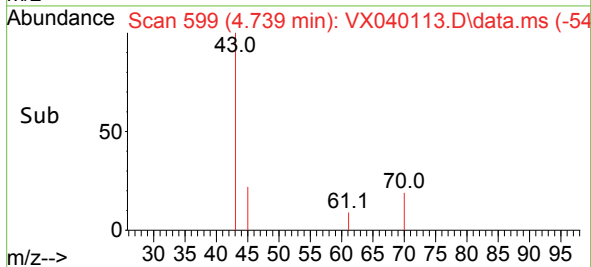
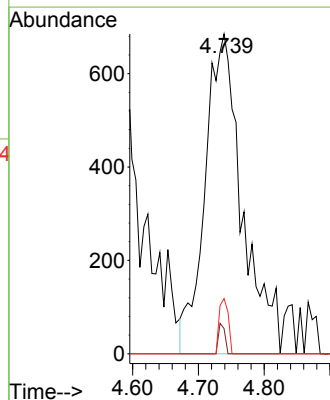
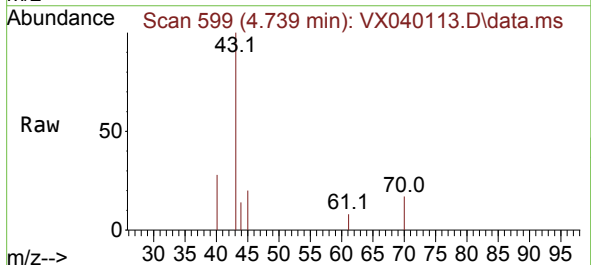
Instrument :
MSVOA_X
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EB-3-0-2

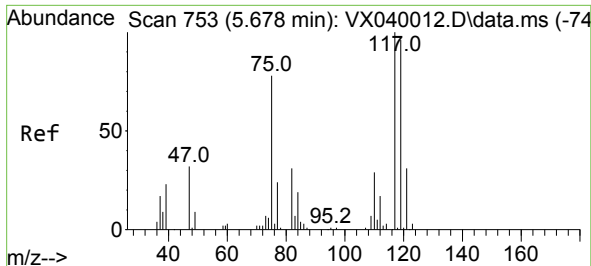
Tgt Ion: 75 Resp: 9685
Ion Ratio Lower Upper
75 100
110 8.8 17.0 50.9#
77 0.0 24.7 37.1#



#37
Ethyl Acetate
Concen: 1.294 ug/l
RT: 4.739 min Scan# 599
Delta R.T. 0.024 min
Lab File: VX040113.D
Acq: 05 Feb 2024 14:08

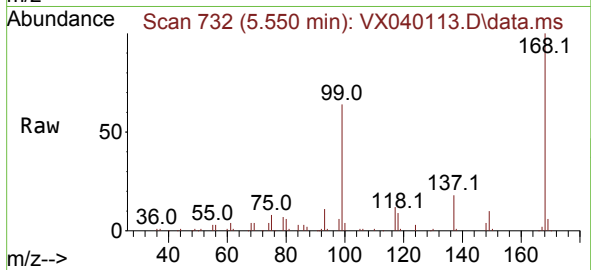
Tgt Ion: 43 Resp: 2697
Ion Ratio Lower Upper
43 100
61 1.6 10.6 16.0#
70 4.2 8.3 12.5#



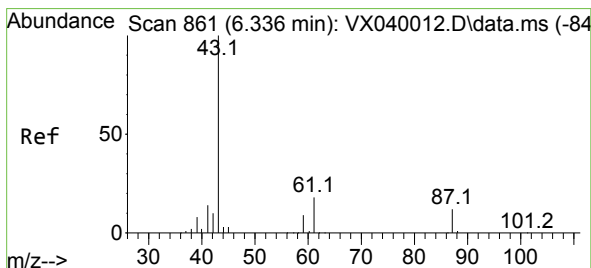
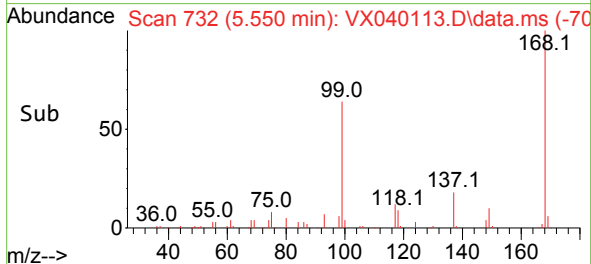
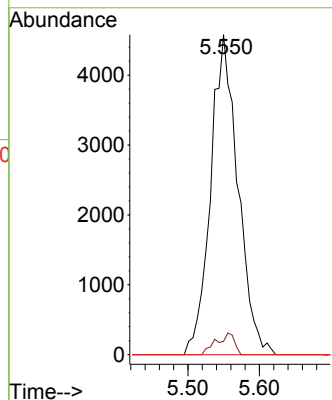


#38
Carbon Tetrachloride
Concen: 6.654 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX040113.D
Acq: 05 Feb 2024 14:08

Instrument :
MSVOA_X
ClientSampleId :
EB-3-0-2

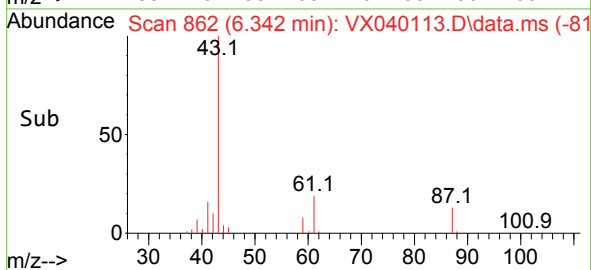
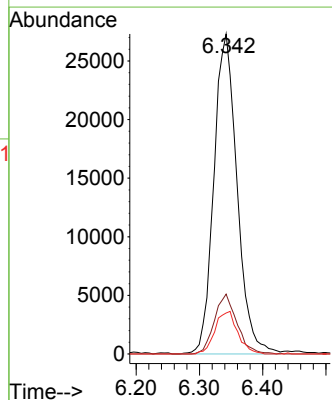
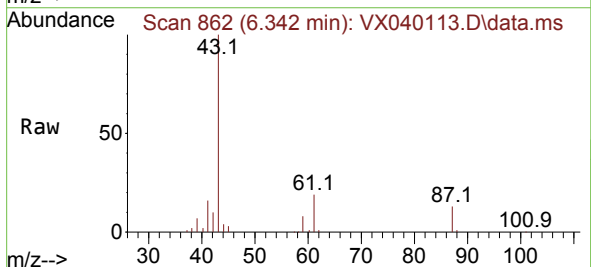


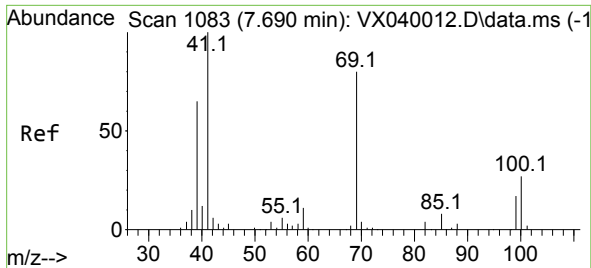
Tgt Ion:117 Resp: 12147
Ion Ratio Lower Upper
117 100
119 4.2 78.2 117.2#
121 0.0 24.4 36.6#



#43
Isopropyl Acetate
Concen: 21.176 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.006 min
Lab File: VX040113.D
Acq: 05 Feb 2024 14:08

Tgt Ion: 43 Resp: 69581
Ion Ratio Lower Upper
43 100
61 18.1 15.2 22.8
87 13.0 9.8 14.6

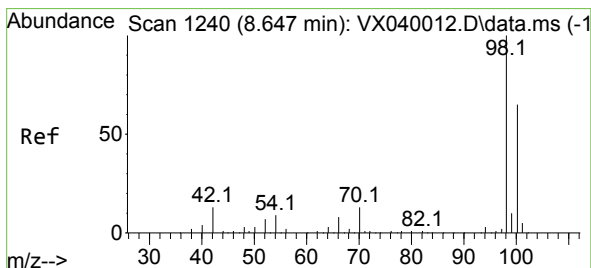
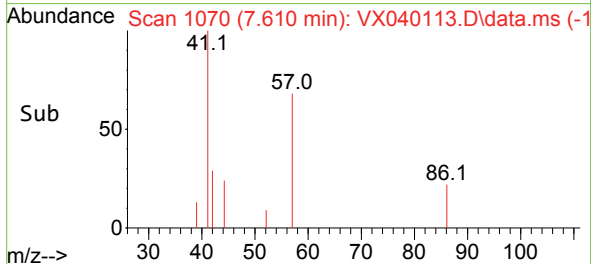
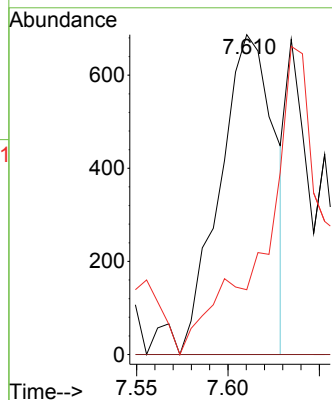
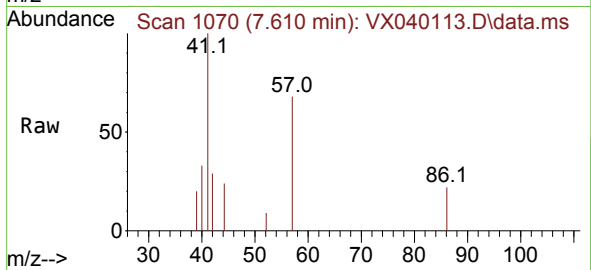




#48
Methyl methacrylate
Concen: 0.880 ug/l
RT: 7.610 min Scan# 1070
Delta R.T. -0.079 min
Lab File: VX040113.D
Acq: 05 Feb 2024 14:08

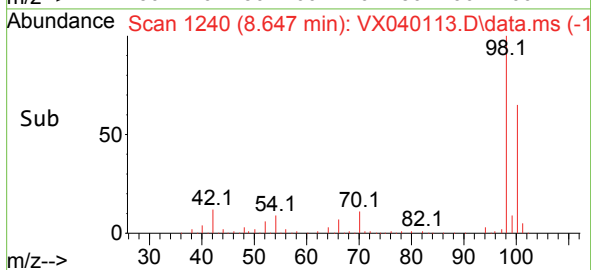
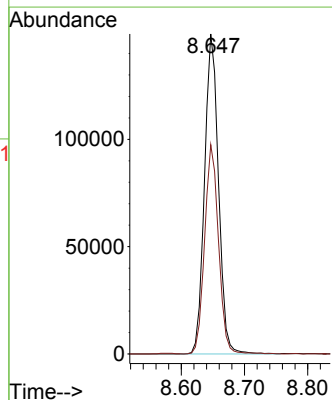
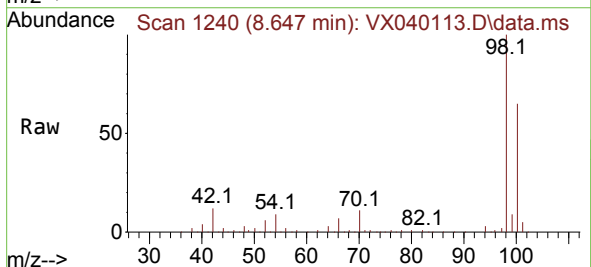
Instrument :
MSVOA_X
ClientSampleId :
EB-3-0-2

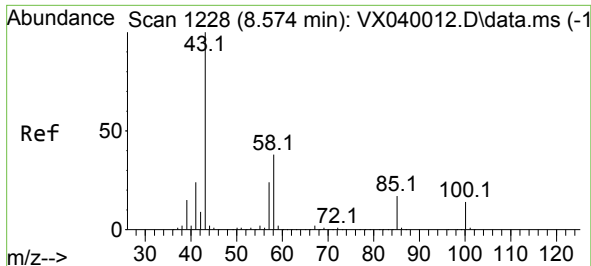
Tgt Ion: 41 Resp: 1424
Ion Ratio Lower Upper
41 100
69 0.0 59.2 88.8#
39 0.0 47.7 71.5#



#50
Toluene-d8
Concen: 46.494 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX040113.D
Acq: 05 Feb 2024 14:08

Tgt Ion: 98 Resp: 229381
Ion Ratio Lower Upper
98 100
100 65.2 53.1 79.7

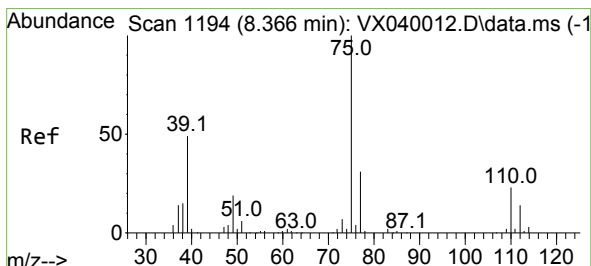
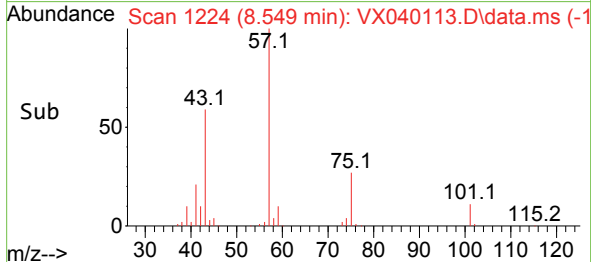
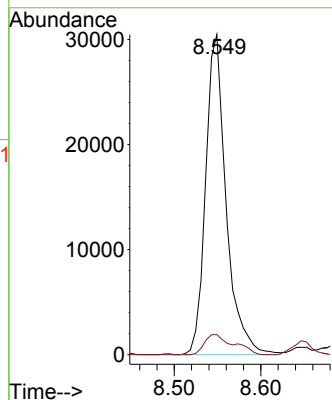
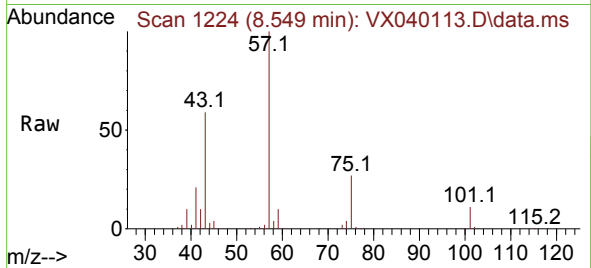




#51
4-Methyl-2-Pentanone
Concen: 22.340 ug/l
RT: 8.549 min Scan# 11
Delta R.T. -0.024 min
Lab File: VX040113.D
Acq: 05 Feb 2024 14:08

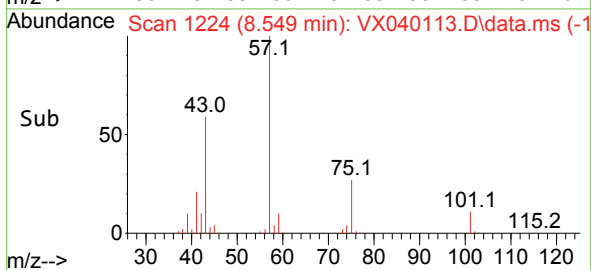
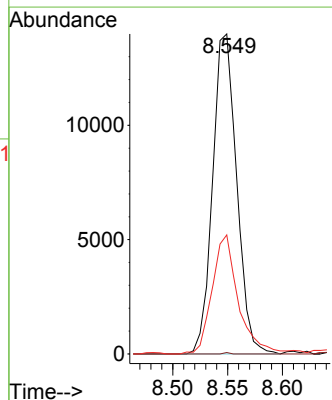
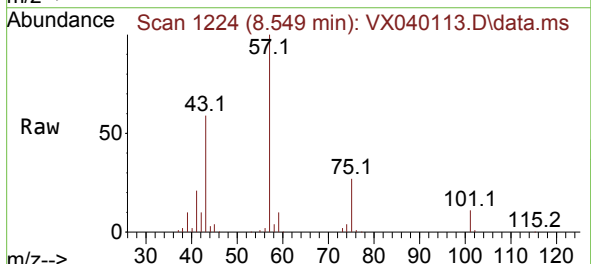
Instrument :
MSVOA_X
ClientSampleId :
EB-3-0-2

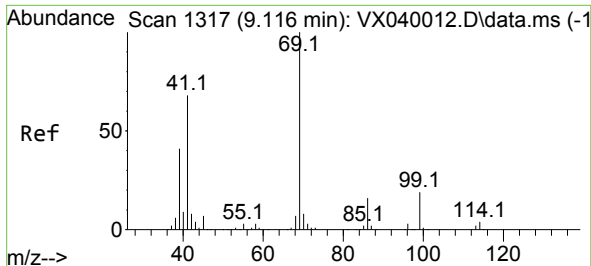
Tgt Ion: 43 Resp: 50110
Ion Ratio Lower Upper
43 100
58 8.9 30.4 45.6#



#54
cis-1,3-Dichloropropene
Concen: 9.836 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. 0.183 min
Lab File: VX040113.D
Acq: 05 Feb 2024 14:08

Tgt Ion: 75 Resp: 21350
Ion Ratio Lower Upper
75 100
77 0.4 25.3 37.9#
39 37.2 46.7 70.1#

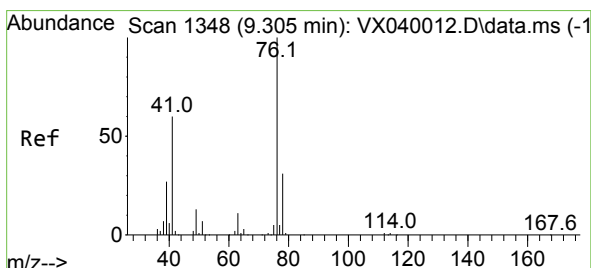
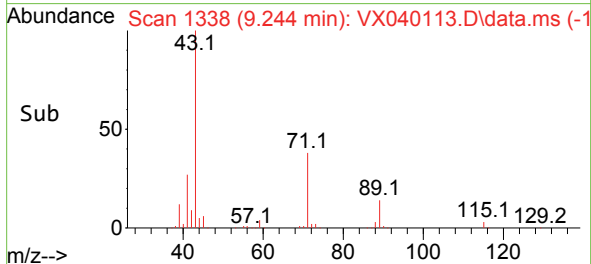
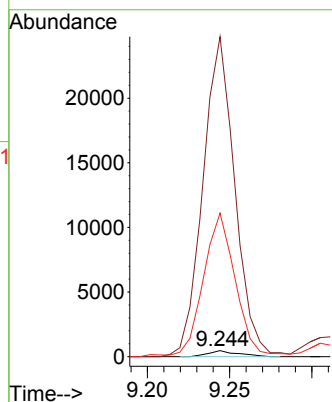
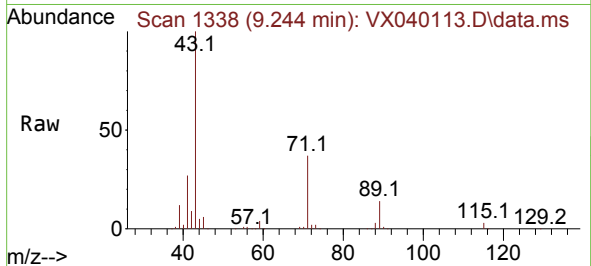




#56
Ethyl methacrylate
Concen: 0.280 ug/l
RT: 9.244 min Scan# 1338
Delta R.T. 0.128 min
Lab File: VX040113.D
Acq: 05 Feb 2024 14:08

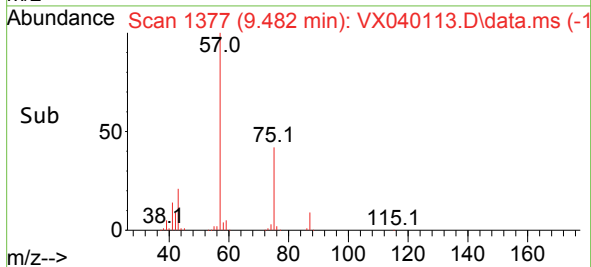
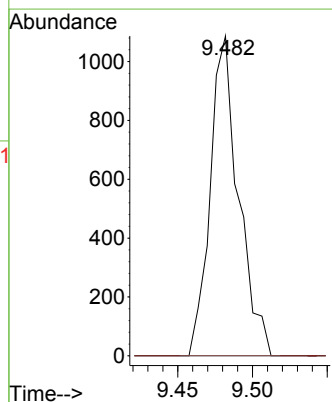
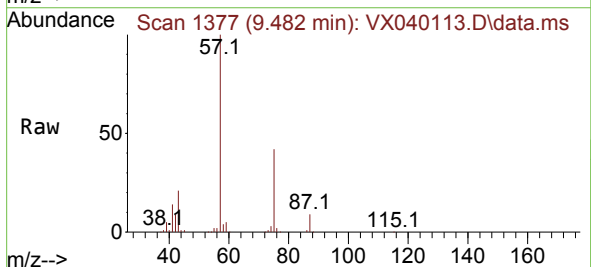
Instrument :
MSVOA_X
ClientSampleId :
EB-3-0-2

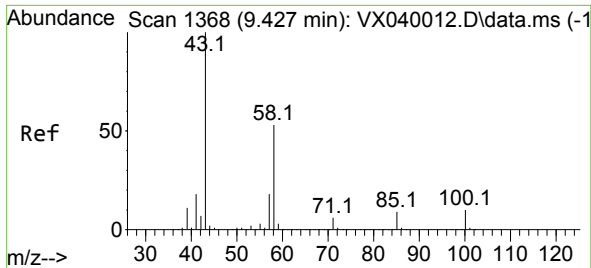
Tgt Ion: 69 Resp: 587
Ion Ratio Lower Upper
69 100
41 5705.3 56.8 85.2#
39 2570.0 32.0 48.0#



#57
1,3-Dichloropropane
Concen: 0.606 ug/l
RT: 9.482 min Scan# 1377
Delta R.T. 0.177 min
Lab File: VX040113.D
Acq: 05 Feb 2024 14:08

Tgt Ion: 76 Resp: 1432
Ion Ratio Lower Upper
76 100
78 0.0 26.1 39.1#

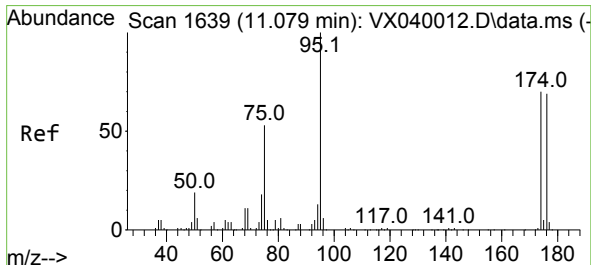
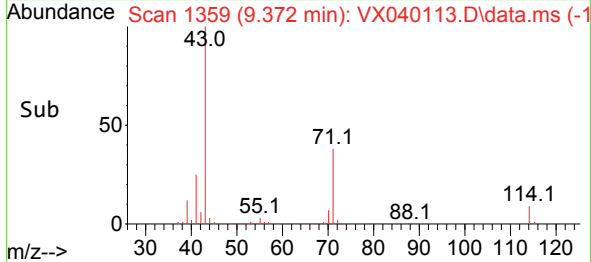
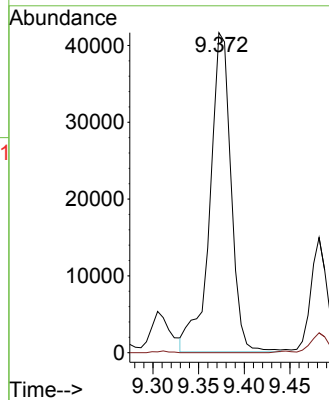
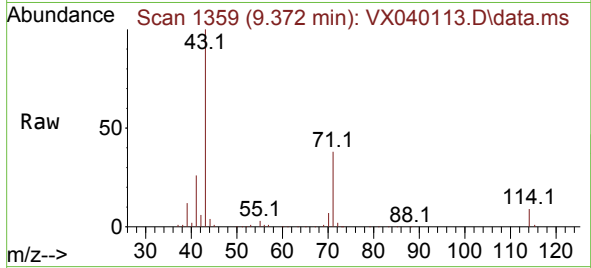




#59
2-Hexanone
Concen: 37.305 ug/l
RT: 9.372 min Scan# 11
Delta R.T. -0.055 min
Lab File: VX040113.D
Acq: 05 Feb 2024 14:08

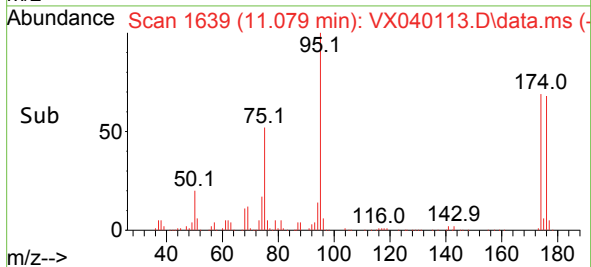
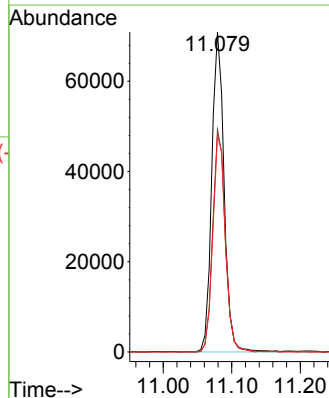
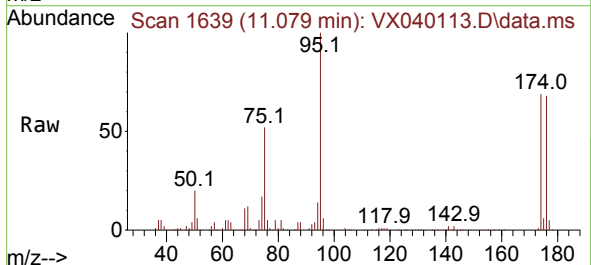
Instrument :
MSVOA_X
ClientSampleId :
EB-3-0-2

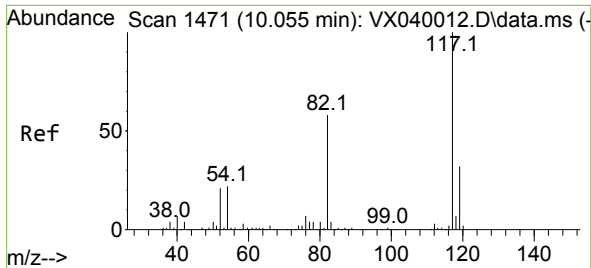
Tgt Ion: 43 Resp: 66717
Ion Ratio Lower Upper
43 100
58 0.0 26.2 78.5#



#62
4-Bromofluorobenzene
Concen: 46.807 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX040113.D
Acq: 05 Feb 2024 14:08

Tgt Ion: 95 Resp: 88917
Ion Ratio Lower Upper
95 100
174 70.6 0.0 135.6
176 68.7 0.0 131.0

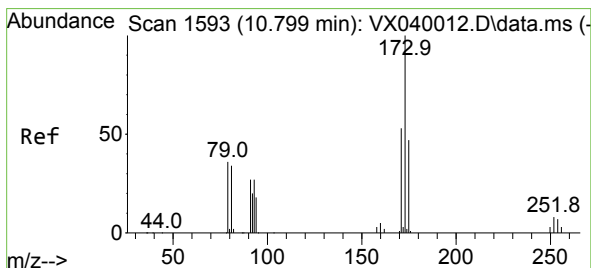
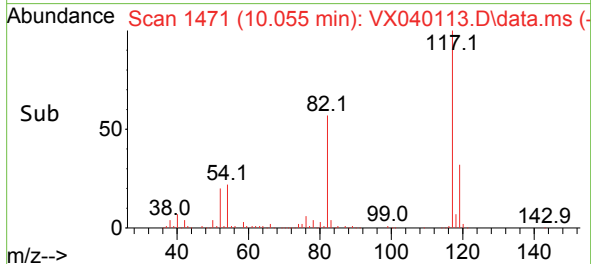
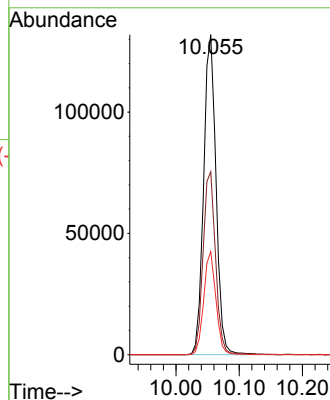
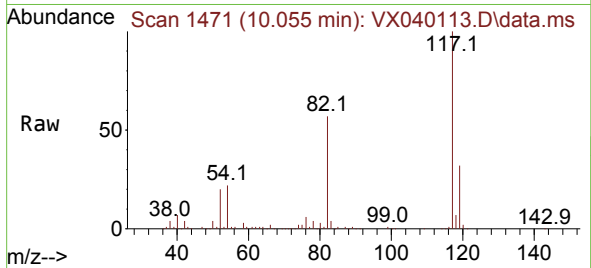




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX040113.D
Acq: 05 Feb 2024 14:08

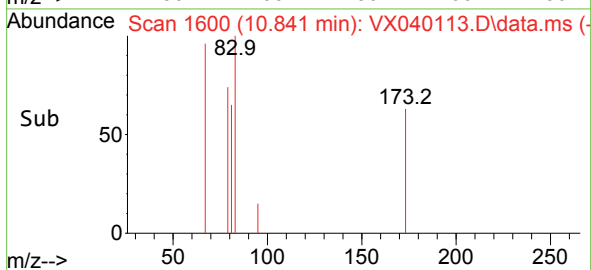
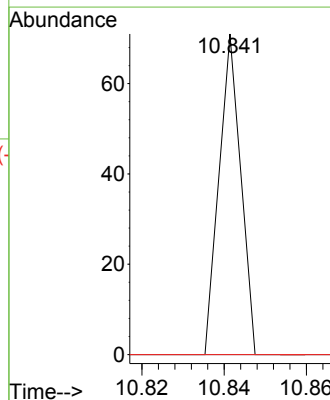
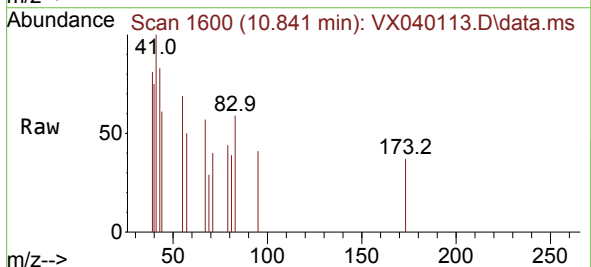
Instrument :
MSVOA_X
ClientSampleId :
EB-3-0-2

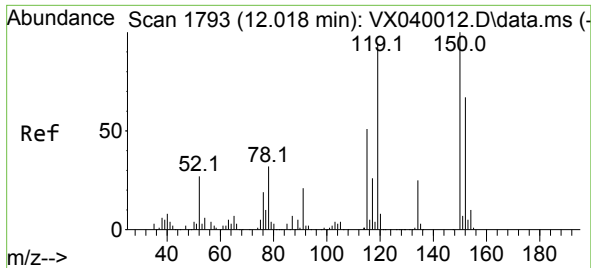
Tgt Ion:117 Resp: 180071
Ion Ratio Lower Upper
117 100
82 57.2 46.2 69.4
119 32.2 25.5 38.3



#71
Bromoform
Concen: 0.609 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. 0.042 min
Lab File: VX040113.D
Acq: 05 Feb 2024 14:08

Tgt Ion:173 Resp: 26
Ion Ratio Lower Upper
173 100
175 0.0 24.1 72.4#
254 0.0 0.0 0.0

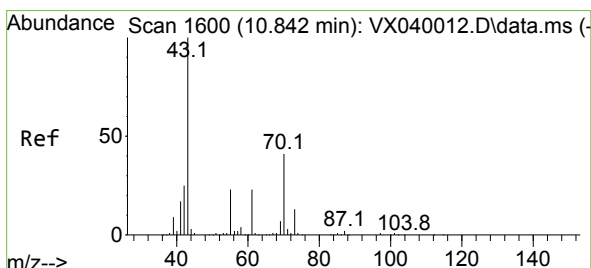
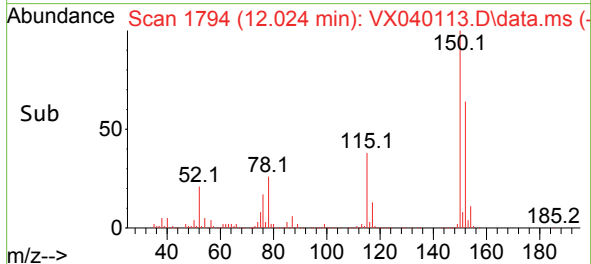
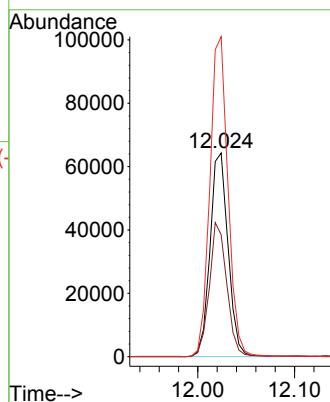
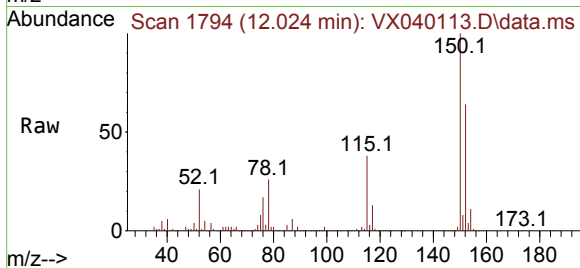




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1
 Delta R.T. 0.006 min
 Lab File: VX040113.D
 Acq: 05 Feb 2024 14:08

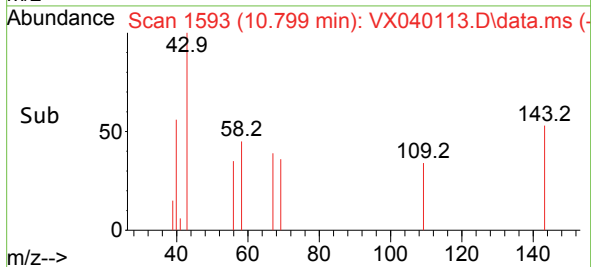
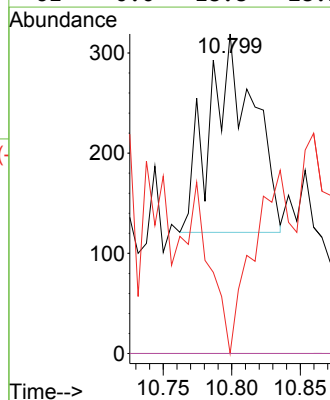
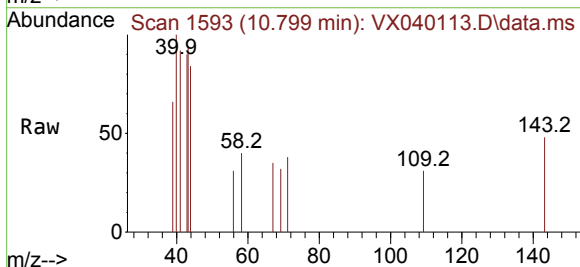
Instrument :
 MSVOA_X
 ClientSampleId :
 EB-3-0-2

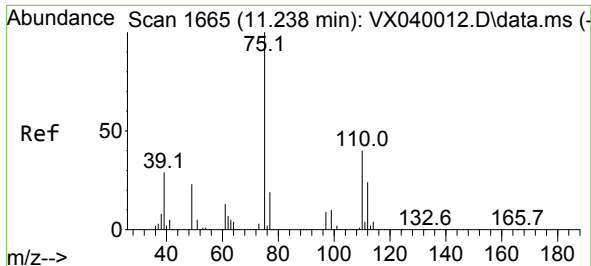
Tgt Ion:152 Resp: 83512
 Ion Ratio Lower Upper
 152 100
 115 63.8 43.3 129.9
 150 157.6 0.0 345.0



#74
 N-ethyl acetate
 Concen: 0.361 ug/l
 RT: 10.799 min Scan# 1593
 Delta R.T. -0.043 min
 Lab File: VX040113.D
 Acq: 05 Feb 2024 14:08

Tgt Ion: 43 Resp: 443
 Ion Ratio Lower Upper
 43 100
 70 0.0 32.9 49.3#
 55 0.0 19.3 28.9#
 61 0.0 18.8 28.2#

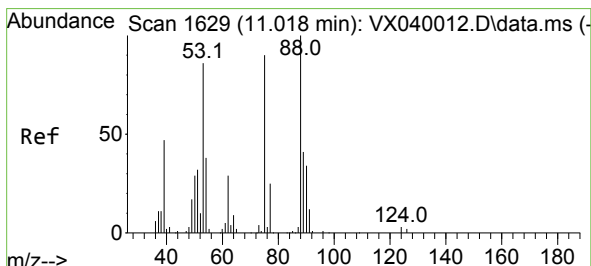
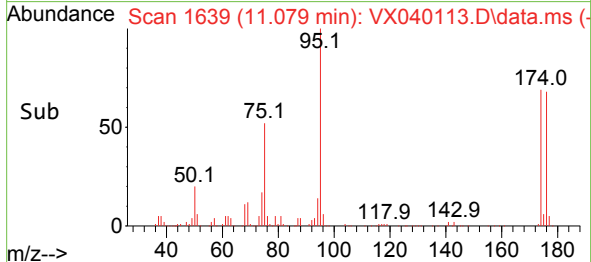
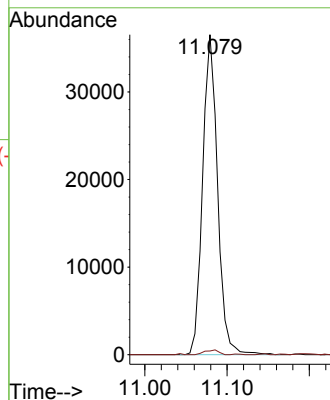
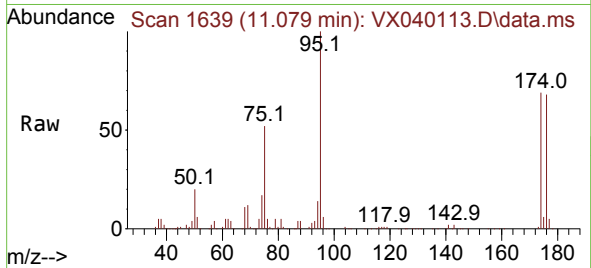




#76
1,2,3-Trichloropropane
Concen: 25.883 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX040113.D
Acq: 05 Feb 2024 14:08

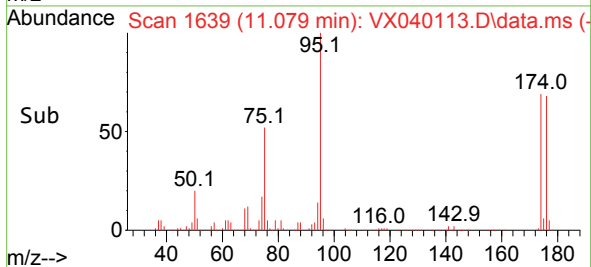
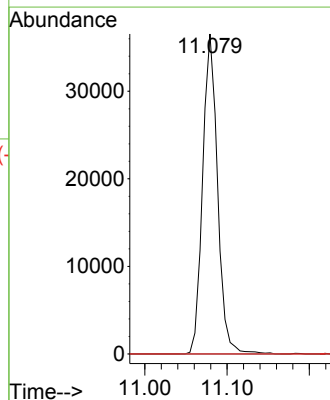
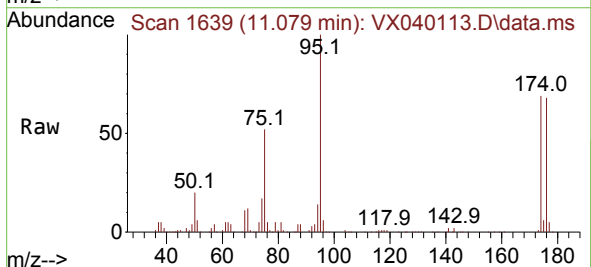
Instrument :
MSVOA_X
ClientSampleId :
EB-3-0-2

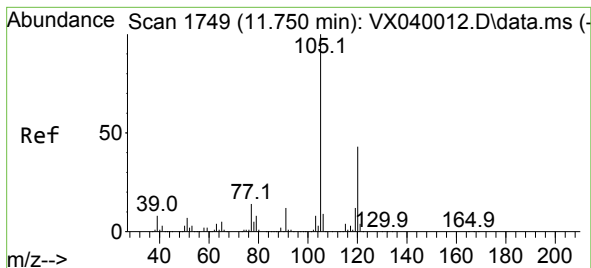
Tgt Ion: 75 Resp: 46030
Ion Ratio Lower Upper
75 100
77 1.4 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 76.099 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX040113.D
Acq: 05 Feb 2024 14:08

Tgt Ion: 75 Resp: 46030
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#





#84

1,2,4-Trimethylbenzene

Concen: 0.224 ug/l

RT: 11.756 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX040113.D

Acq: 05 Feb 2024 14:08

Instrument :

MSVOA_X

ClientSampleId :

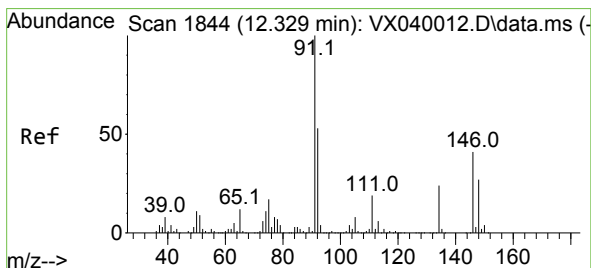
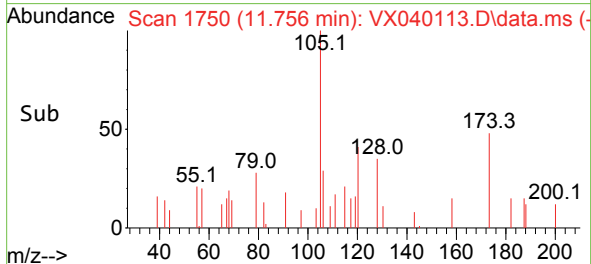
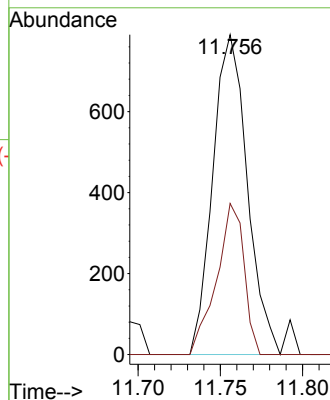
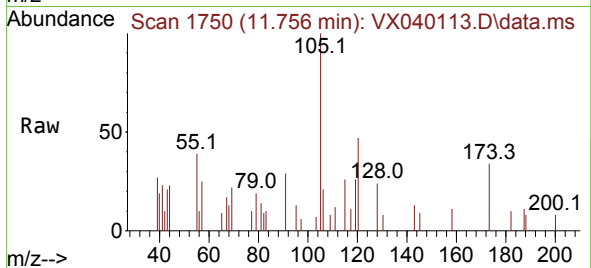
EB-3-0-2

Tgt Ion:105 Resp: 1151

Ion Ratio Lower Upper

105 100

120 37.6 21.2 63.6



#89

n-Butylbenzene

Concen: 0.211 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.006 min

Lab File: VX040113.D

Acq: 05 Feb 2024 14:08

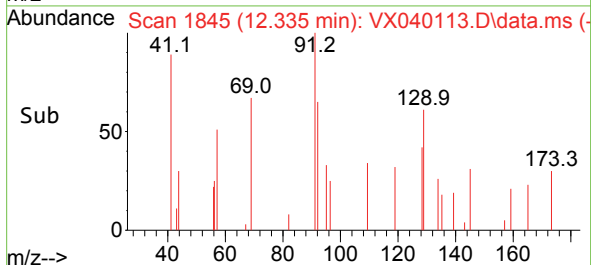
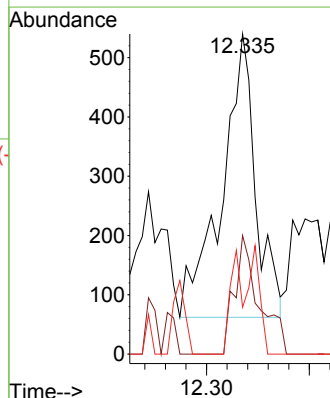
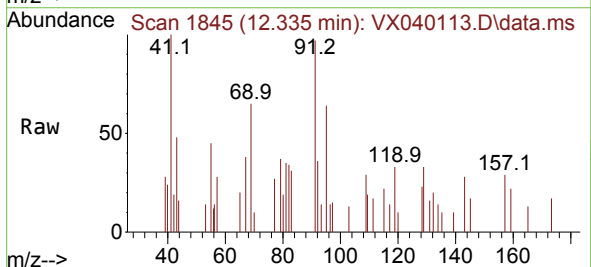
Tgt Ion: 91 Resp: 1092

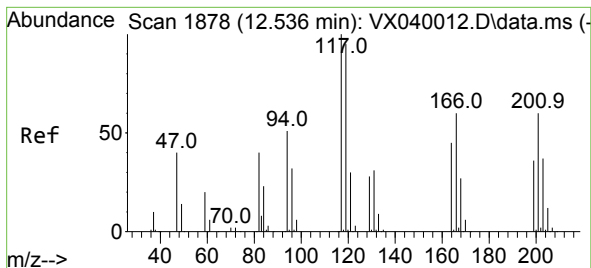
Ion Ratio Lower Upper

91 100

92 30.5 27.4 82.0

134 12.4 12.6 37.8#





#90

Hexachloroethane

Concen: Below Cal

RT: 12.561 min Scan# 11

Delta R.T. 0.025 min

Lab File: VX040113.D

Acq: 05 Feb 2024 14:08

Instrument :

MSVOA_X

ClientSampleId :

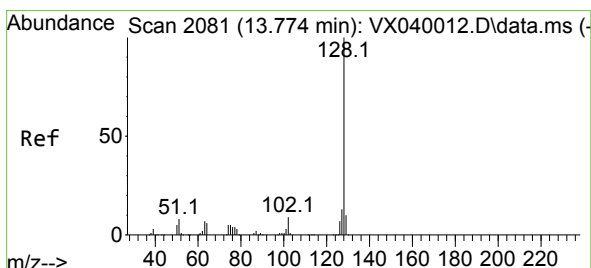
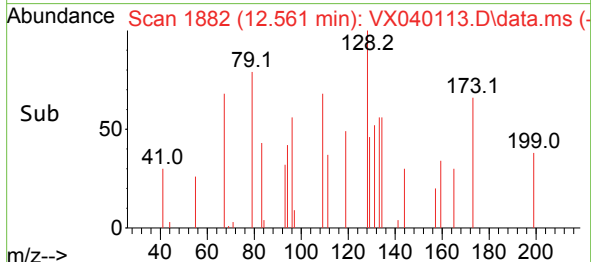
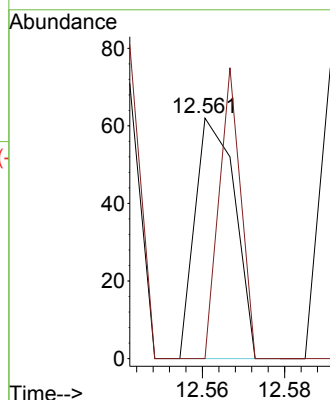
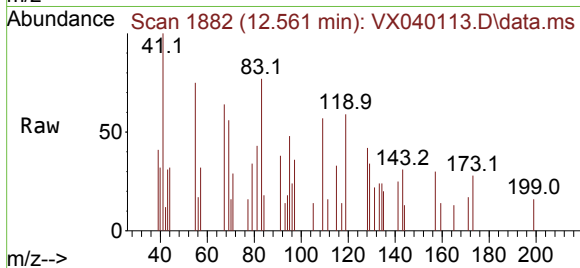
EB-3-0-2

Tgt Ion:117 Resp: 42

Ion Ratio Lower Upper

117 100

201 64.3 32.9 98.6



#95

Naphthalene

Concen: 0.780 ug/l

RT: 13.780 min Scan# 2082

Delta R.T. 0.006 min

Lab File: VX040113.D

Acq: 05 Feb 2024 14:08

Tgt Ion:128 Resp: 4456

Ion Ratio Lower Upper

128 100

127 21.9 10.3 15.5#

129 12.1 8.8 13.2

