

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020923\
 Data File : VX034067.D
 Acq On : 07 Feb 2023 17:38
 Operator : JC/MD
 Sample : 01416-03RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EB-2023-2-2

Quant Time: Feb 08 00:05:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020423W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 03 23:25:45 2023
 Response via : Initial Calibration

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

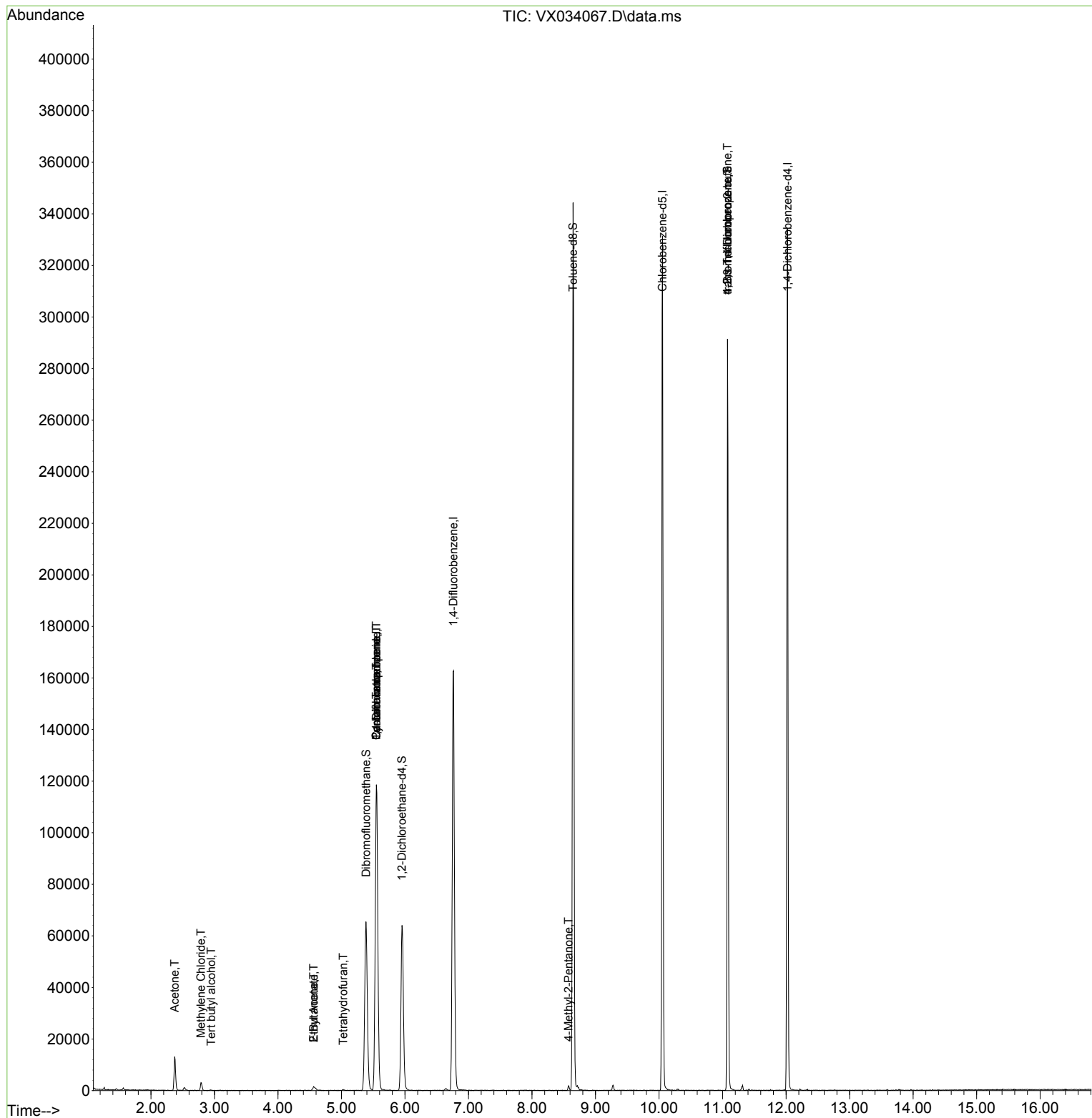
Internal Standards						
1) Pentafluorobenzene	5.550	168	130214	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	180166	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	162387	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	79935	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	63274	50.404	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 100.800%		
35) Dibromofluoromethane	5.385	113	56868	49.596	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 99.200%		
50) Toluene-d8	8.647	98	207094	50.129	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 100.260%		
62) 4-Bromofluorobenzene	11.079	95	73886	50.076	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 100.160%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.947	59	128	0.728	ug/l #	86
16) Acetone	2.373	43	14034	26.469	ug/l	99
20) Methylene Chloride	2.788	84	1572	1.296	ug/l #	91
25) 2-Butanone	4.562	43	2512	3.254	ug/l #	83
29) Tetrahydrofuran	5.025	42	382	0.778	ug/l #	43
31) Cyclohexane	5.550	56	1873	1.025	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	7508	4.776	ug/l #	49
37) Ethyl Acetate	4.562	43	2512	1.715	ug/l #	68
38) Carbon Tetrachloride	5.550	117	10893	6.497	ug/l #	15
51) 4-Methyl-2-Pentanone	8.574	43	1101	0.769	ug/l	96
76) 1,2,3-Trichloropropane	11.079	75	34344	25.022	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	34344	77.059	ug/l #	8

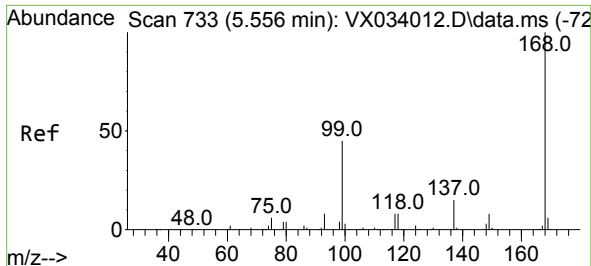
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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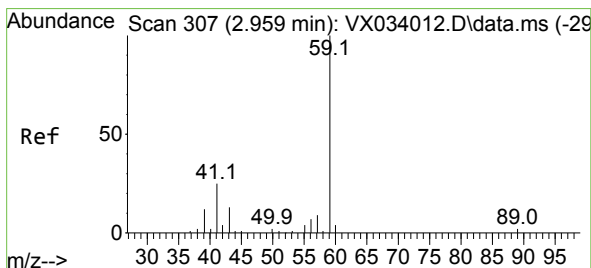
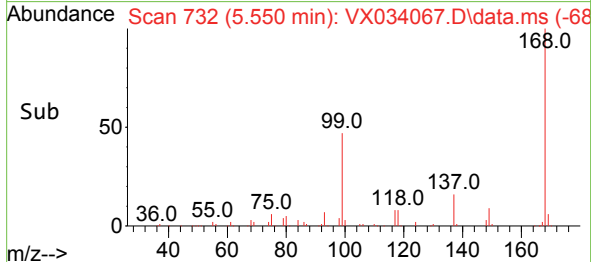
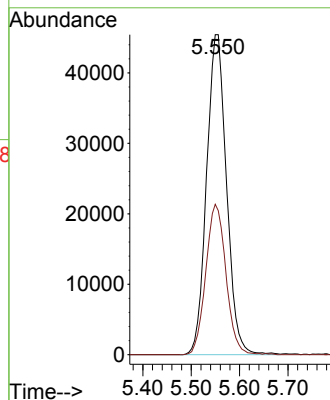
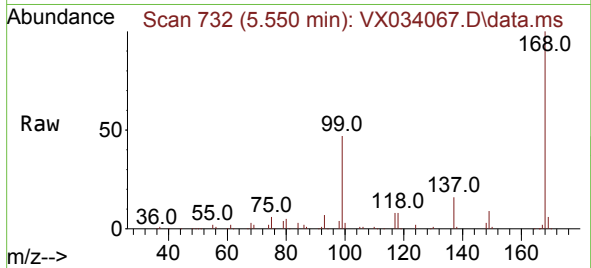




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX034067.D
Acq: 07 Feb 2023 17:38

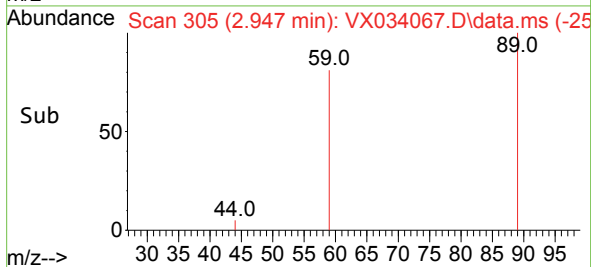
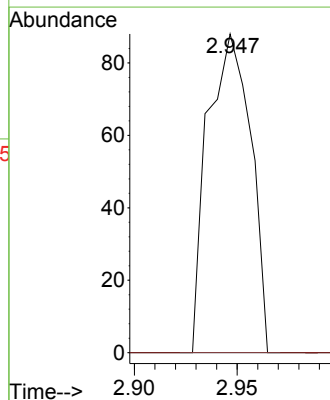
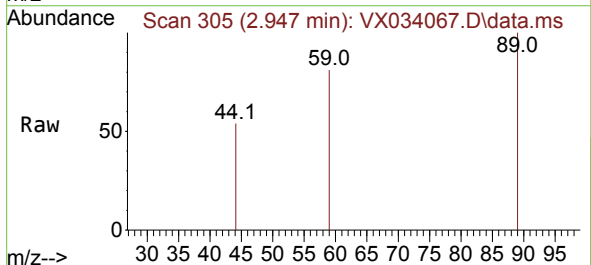
Instrument :
MSVOA_X
ClientSampleId :
EB-2023-2-2

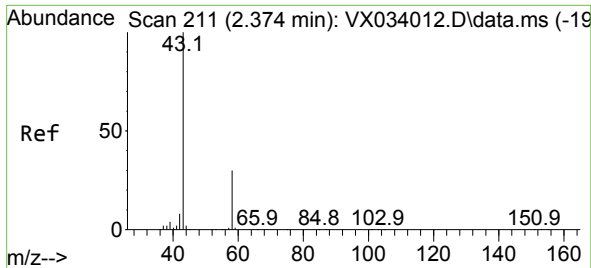
Tgt Ion:168 Resp: 130214
Ion Ratio Lower Upper
168 100
99 47.0 39.6 59.4



#11
Tert butyl alcohol
Concen: 0.728 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.012 min
Lab File: VX034067.D
Acq: 07 Feb 2023 17:38

Tgt Ion: 59 Resp: 128
Ion Ratio Lower Upper
59 100
57 0.0 3.7 5.5#





#16

Acetone

Concen: 26.469 ug/l

RT: 2.373 min Scan# 211

Delta R.T. -0.000 min

Lab File: VX034067.D

Acq: 07 Feb 2023 17:38

Instrument :

MSVOA_X

ClientSampleId :

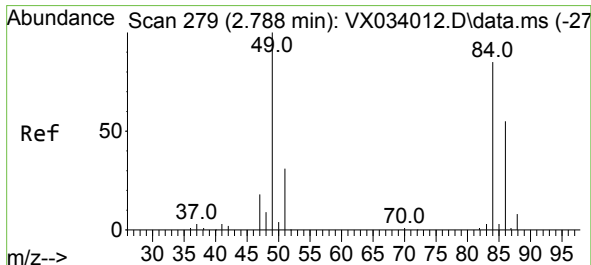
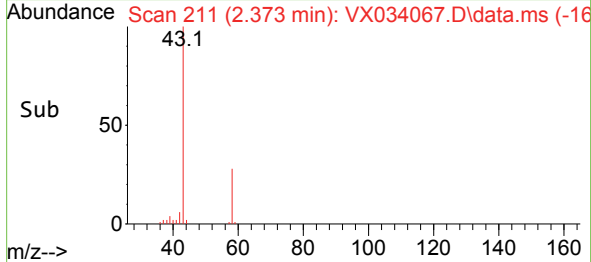
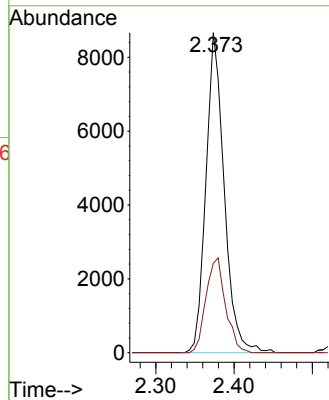
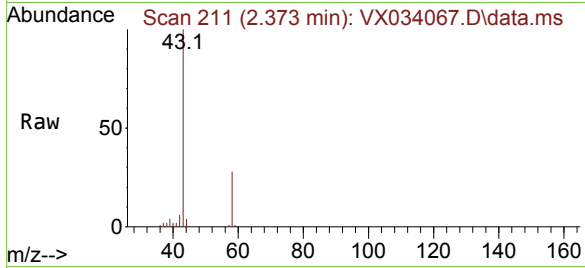
EB-2023-2-2

Tgt Ion: 43 Resp: 14034

Ion Ratio Lower Upper

43 100

58 27.9 22.6 33.8



#20

Methylene Chloride

Concen: 1.296 ug/l

RT: 2.788 min Scan# 279

Delta R.T. -0.000 min

Lab File: VX034067.D

Acq: 07 Feb 2023 17:38

Tgt Ion: 84 Resp: 1572

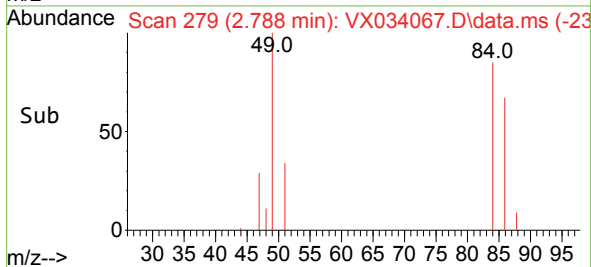
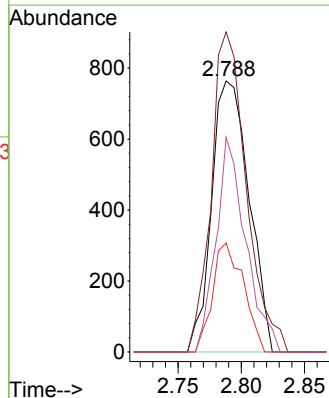
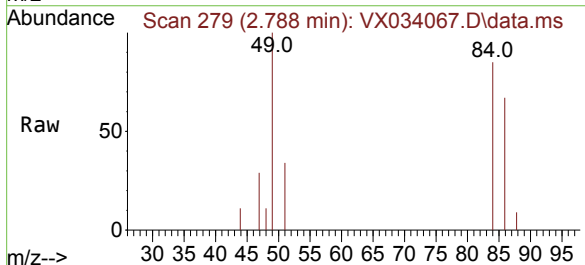
Ion Ratio Lower Upper

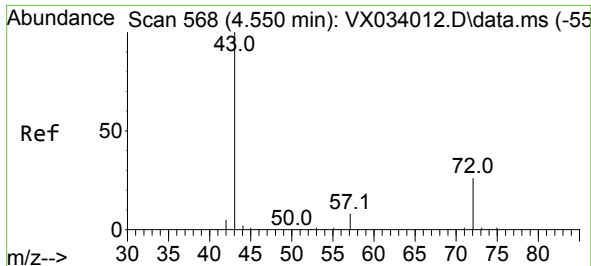
84 100

49 118.1 101.1 151.7

51 40.2 31.0 46.6

86 79.2 52.6 79.0#





#25

2-Butanone

Concen: 3.254 ug/l

RT: 4.562 min Scan# 51

Delta R.T. 0.012 min

Lab File: VX034067.D

Acq: 07 Feb 2023 17:38

Instrument :

MSVOA_X

ClientSampleId :

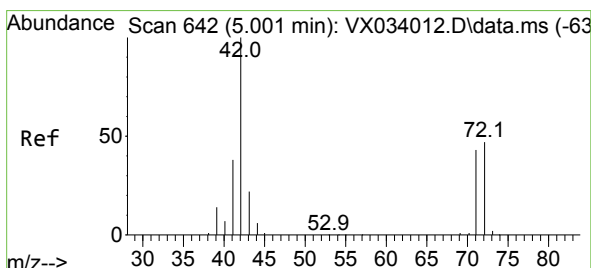
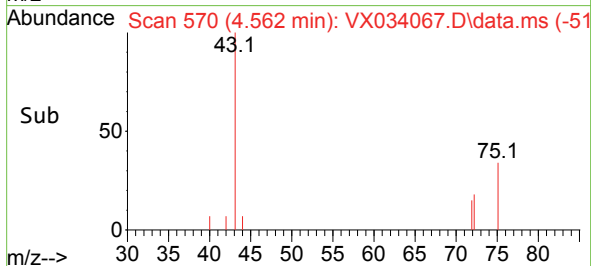
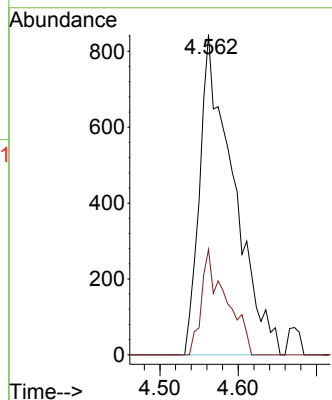
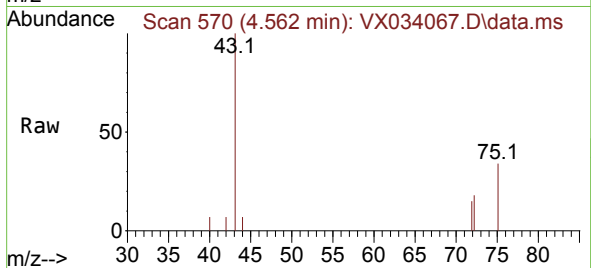
EB-2023-2-2

Tgt Ion: 43 Resp: 2512

Ion Ratio Lower Upper

43 100

72 32.9 19.4 29.2#



#29

Tetrahydrofuran

Concen: 0.778 ug/l

RT: 5.025 min Scan# 646

Delta R.T. 0.024 min

Lab File: VX034067.D

Acq: 07 Feb 2023 17:38

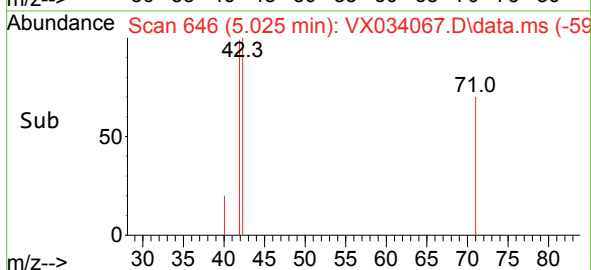
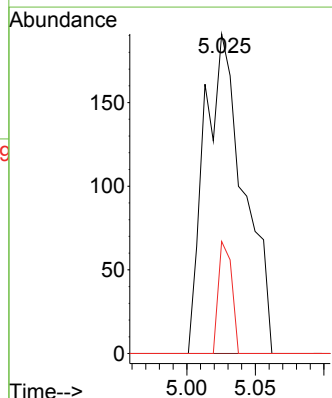
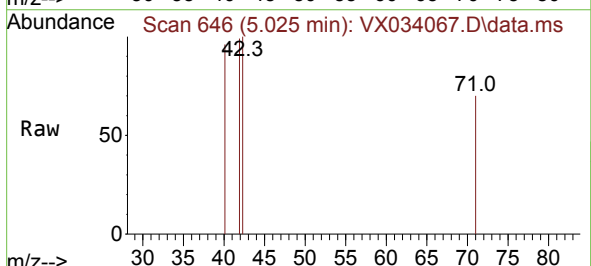
Tgt Ion: 42 Resp: 382

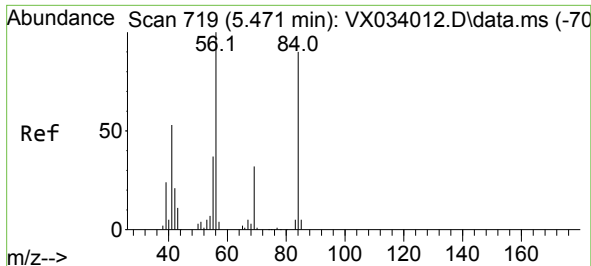
Ion Ratio Lower Upper

42 100

72 0.0 34.8 52.2#

71 11.8 32.2 48.2#

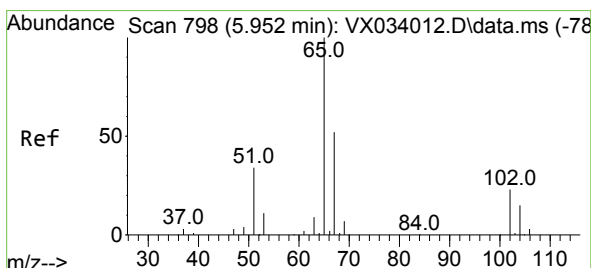
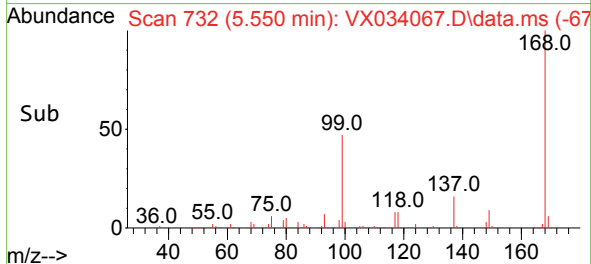
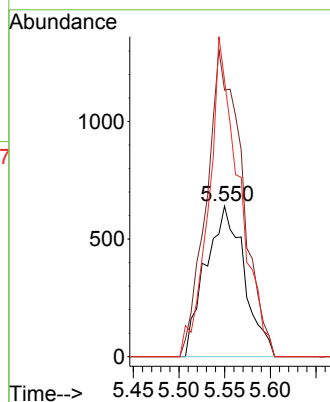
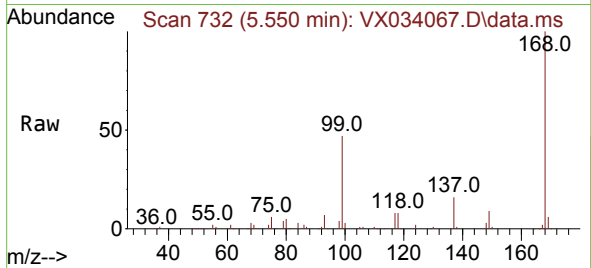




#31
Cyclohexane
Concen: 1.025 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX034067.D
Acq: 07 Feb 2023 17:38

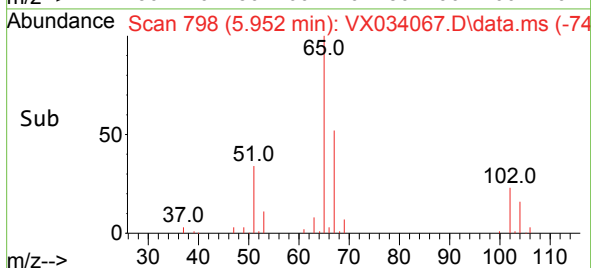
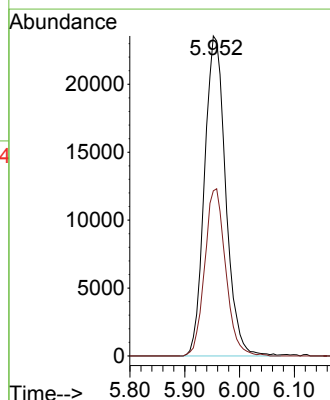
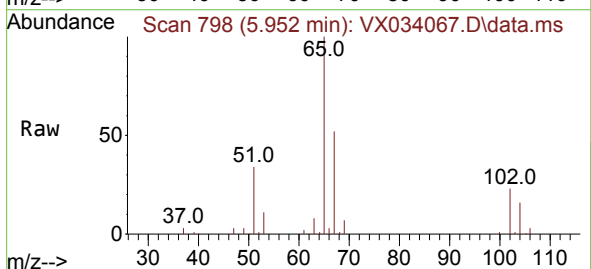
Instrument :
MSVOA_X
ClientSampleId :
EB-2023-2-2

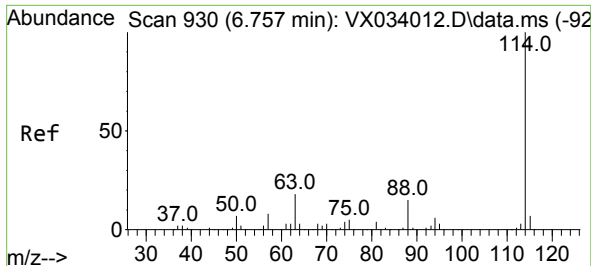
Tgt Ion: 56 Resp: 1873
Ion Ratio Lower Upper
56 100
69 177.2 24.6 37.0#
84 183.6 71.0 106.6#



#33
1,2-Dichloroethane-d4
Concen: 50.404 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX034067.D
Acq: 07 Feb 2023 17:38

Tgt Ion: 65 Resp: 63274
Ion Ratio Lower Upper
65 100
67 51.6 0.0 104.8

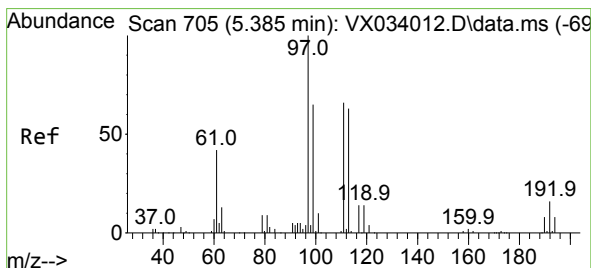
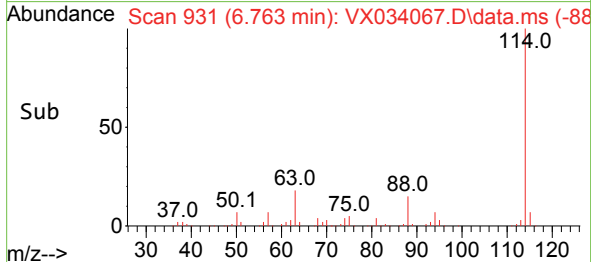
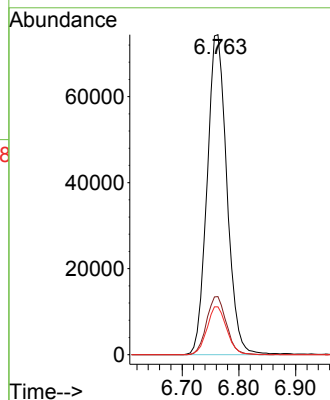
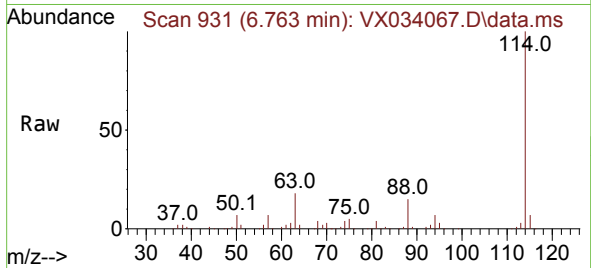




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX034067.D
Acq: 07 Feb 2023 17:38

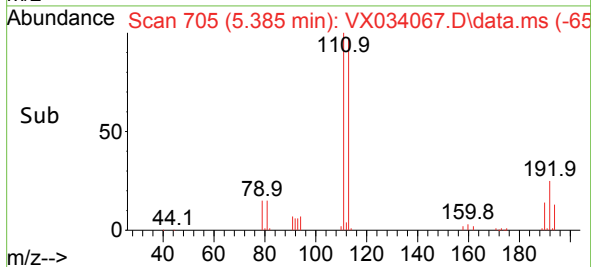
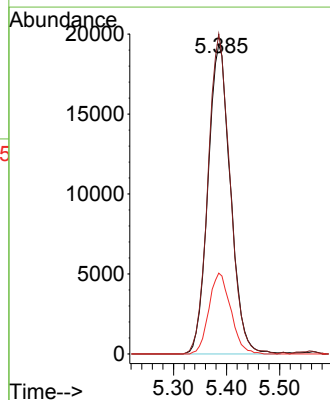
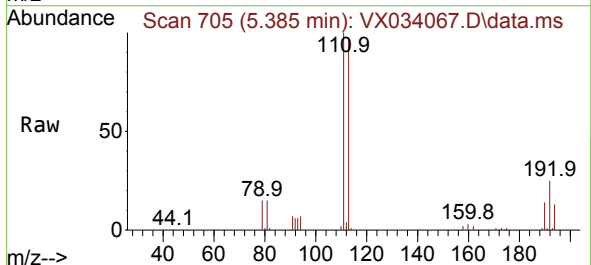
Instrument :
MSVOA_X
ClientSampleId :
EB-2023-2-2

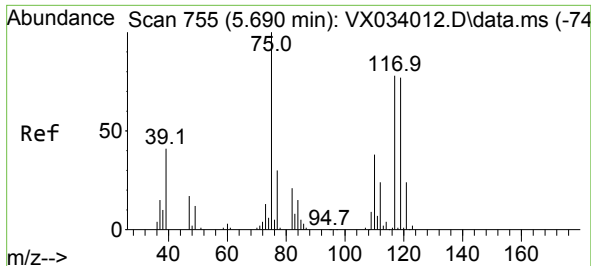
Tgt Ion:114 Resp: 180166
Ion Ratio Lower Upper
114 100
63 18.2 0.0 37.4
88 14.9 0.0 30.6



#35
Dibromofluoromethane
Concen: 49.596 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX034067.D
Acq: 07 Feb 2023 17:38

Tgt Ion:113 Resp: 56868
Ion Ratio Lower Upper
113 100
111 101.5 83.0 124.6
192 25.4 19.0 28.4

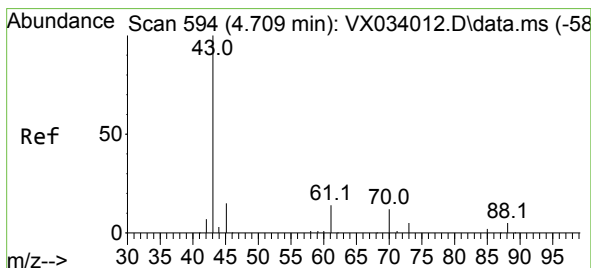
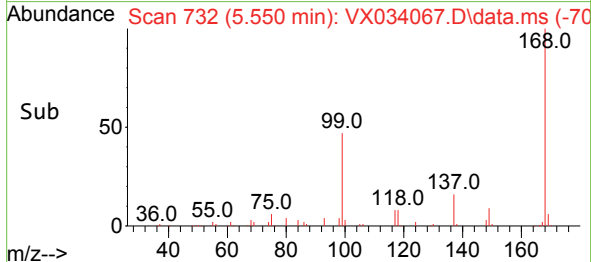
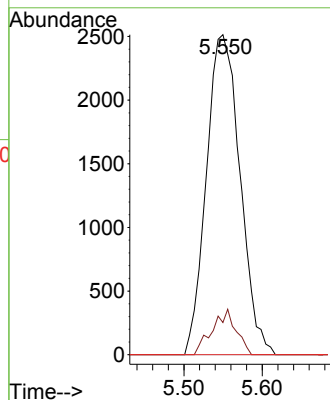
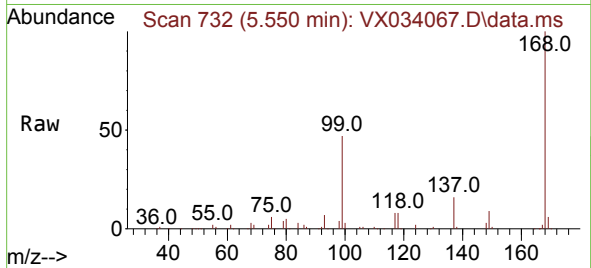




#36
1,1-Dichloropropene
Concen: 4.776 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX034067.D
Acq: 07 Feb 2023 17:38

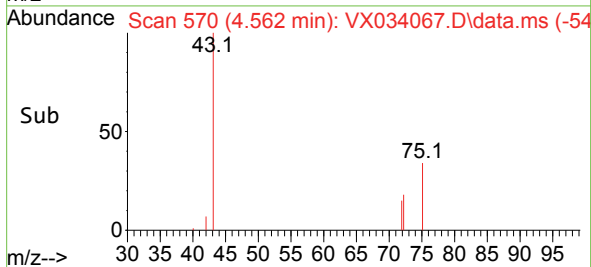
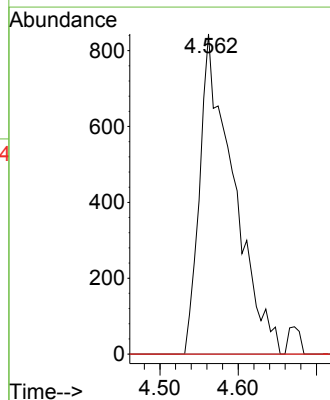
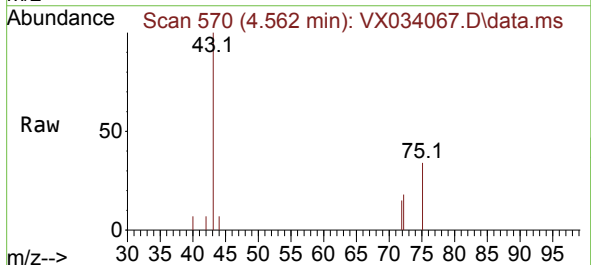
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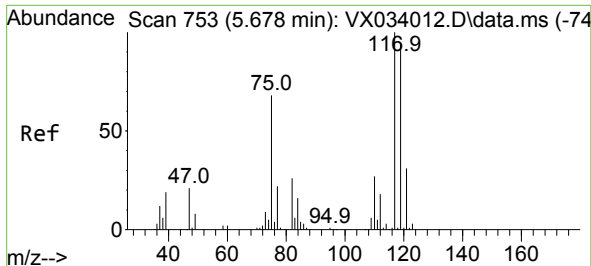
Tgt Ion: 75 Resp: 7508
Ion Ratio Lower Upper
75 100
110 10.0 18.8 56.4#
77 0.0 25.1 37.7#



#37
Ethyl Acetate
Concen: 1.715 ug/l
RT: 4.562 min Scan# 570
Delta R.T. -0.146 min
Lab File: VX034067.D
Acq: 07 Feb 2023 17:38

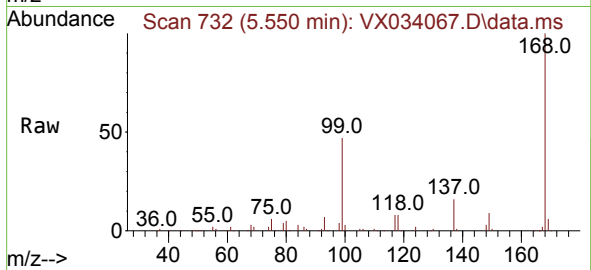
Tgt Ion: 43 Resp: 2512
Ion Ratio Lower Upper
43 100
61 0.0 11.1 16.7#
70 0.0 8.5 12.7#



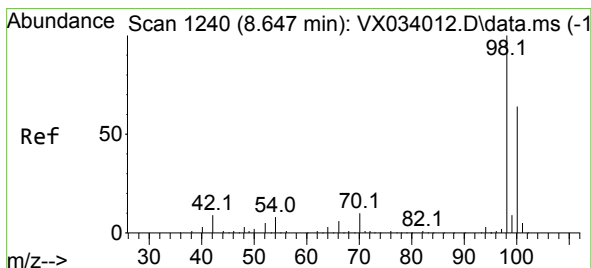
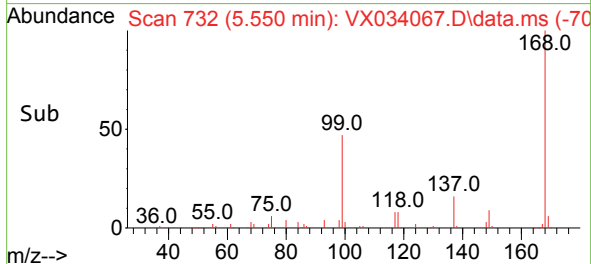
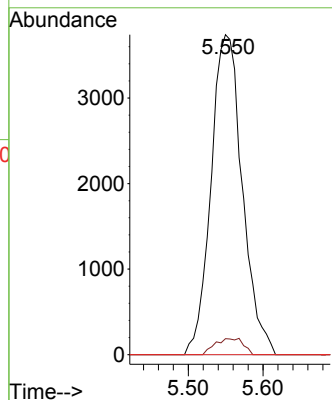


#38
Carbon Tetrachloride
Concen: 6.497 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX034067.D
Acq: 07 Feb 2023 17:38

Instrument :
MSVOA_X
ClientSampleId :
EB-2023-2-2

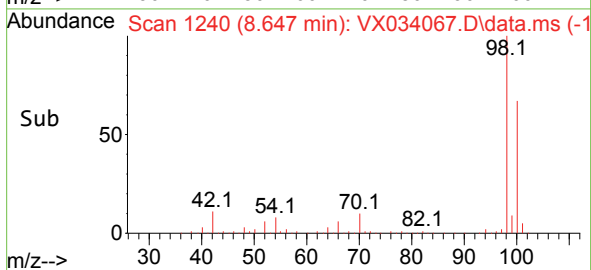
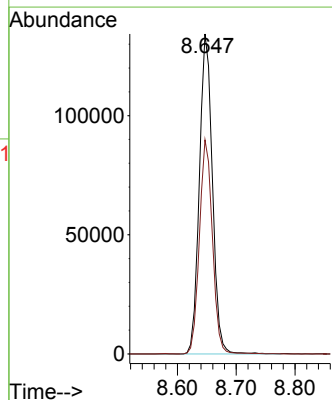
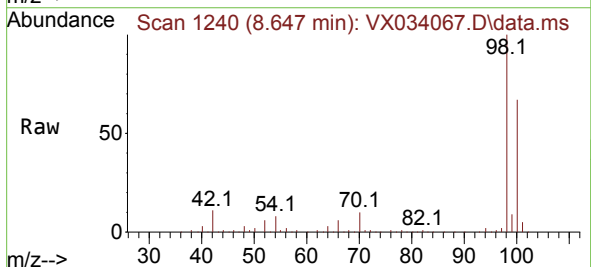


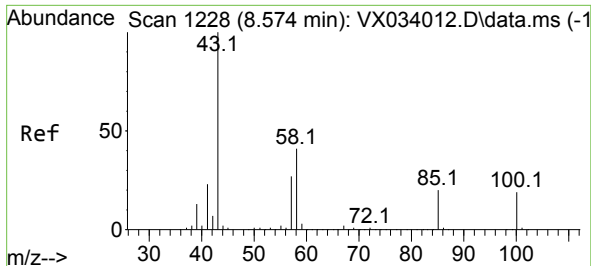
Tgt Ion:117 Resp: 10893
Ion Ratio Lower Upper
117 100
119 5.0 78.0 117.0#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 50.129 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX034067.D
Acq: 07 Feb 2023 17:38

Tgt Ion: 98 Resp: 207094
Ion Ratio Lower Upper
98 100
100 66.8 53.6 80.4

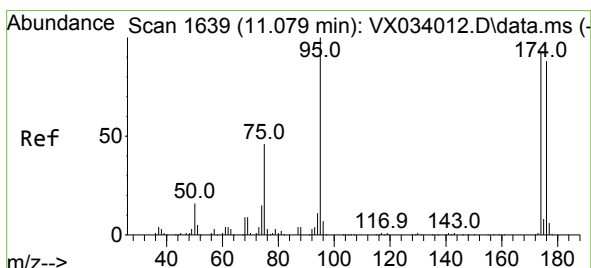
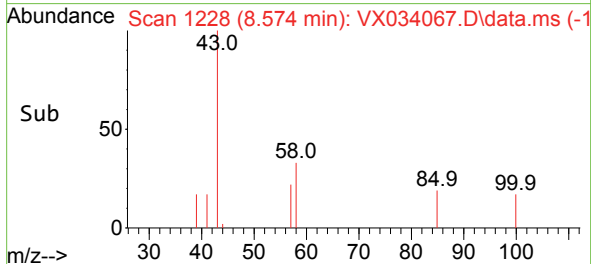
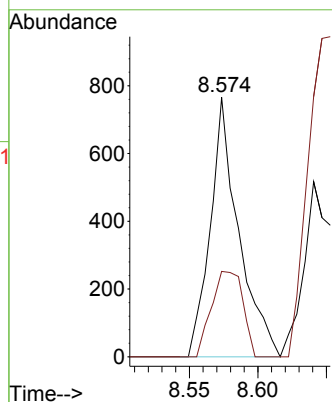
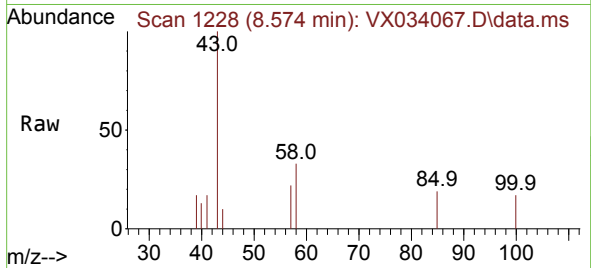




#51
4-Methyl-2-Pentanone
Concen: 0.769 ug/l
RT: 8.574 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX034067.D
Acq: 07 Feb 2023 17:38

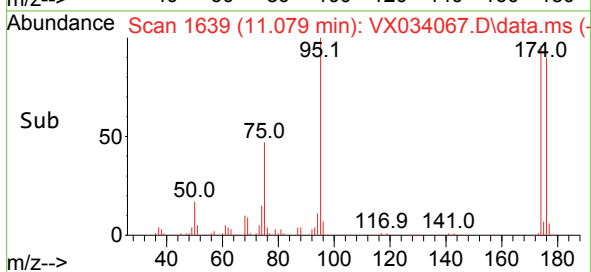
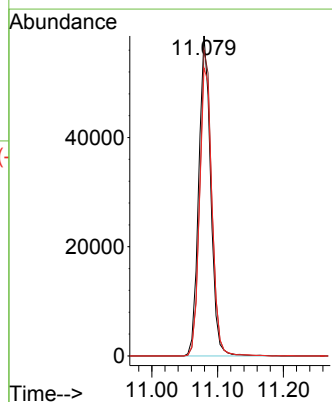
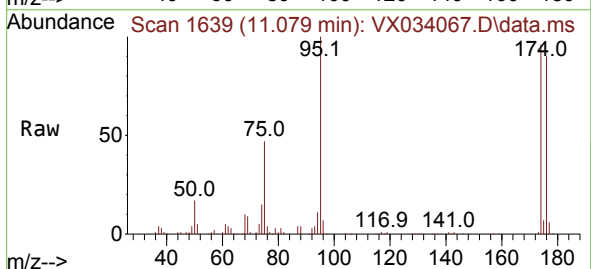
Instrument :
MSVOA_X
ClientSampleId :
EB-2023-2-2

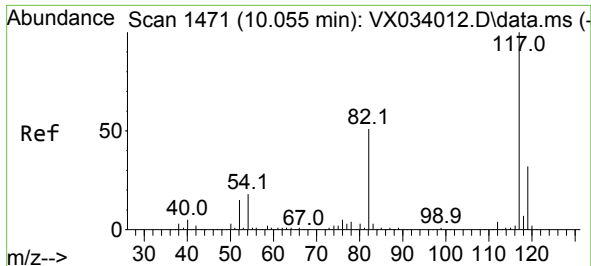
Tgt Ion: 43 Resp: 1101
Ion Ratio Lower Upper
43 100
58 36.4 31.2 46.8



#62
4-Bromofluorobenzene
Concen: 50.076 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX034067.D
Acq: 07 Feb 2023 17:38

Tgt Ion: 95 Resp: 73886
Ion Ratio Lower Upper
95 100
174 96.8 0.0 184.4
176 94.1 0.0 178.8

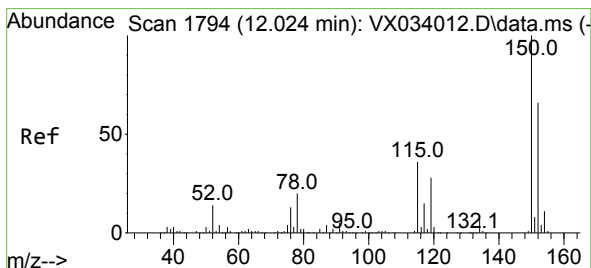
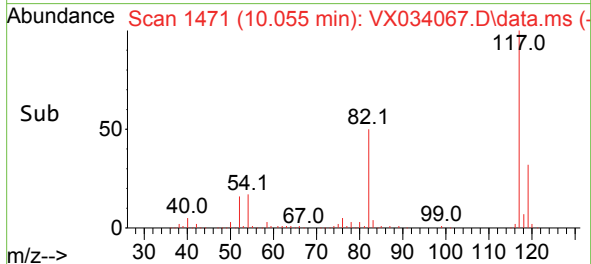
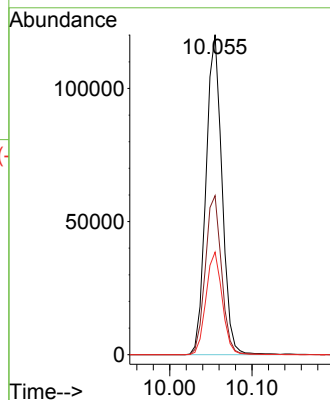
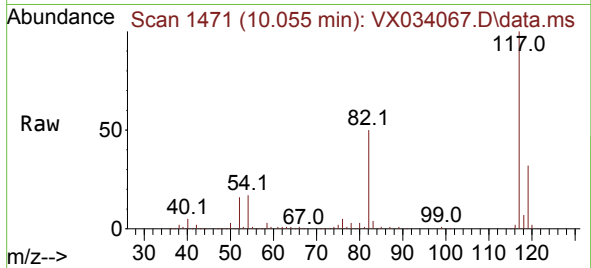




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX034067.D
Acq: 07 Feb 2023 17:38

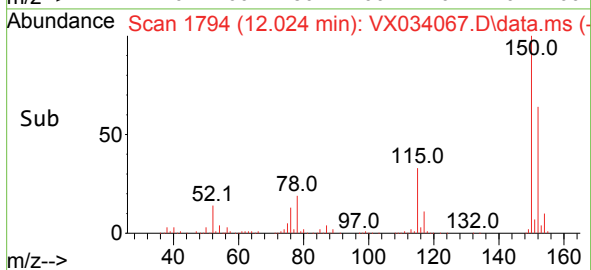
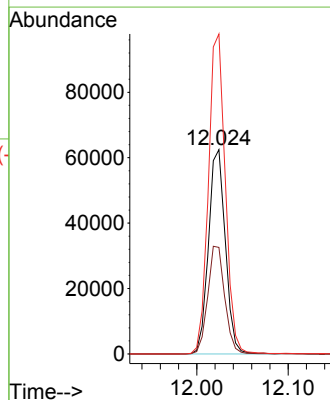
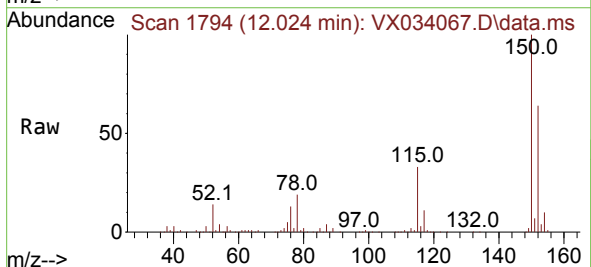
Instrument :
MSVOA_X
ClientSampleId :
EB-2023-2-2

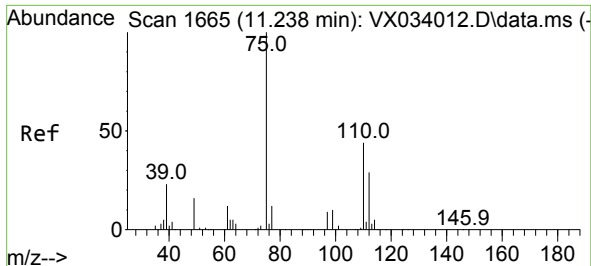
Tgt Ion:117 Resp: 162387
Ion Ratio Lower Upper
117 100
82 49.7 40.6 60.8
119 32.0 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX034067.D
Acq: 07 Feb 2023 17:38

Tgt Ion:152 Resp: 79935
Ion Ratio Lower Upper
152 100
115 53.2 38.7 116.1
150 156.7 0.0 348.2

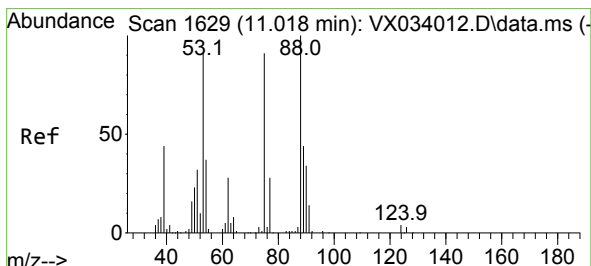
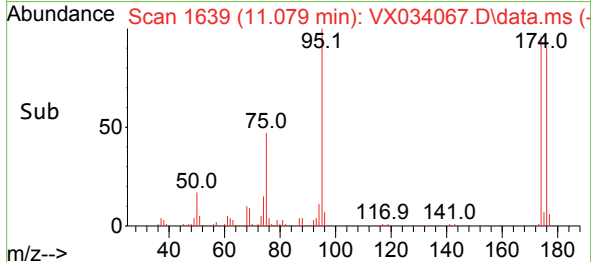
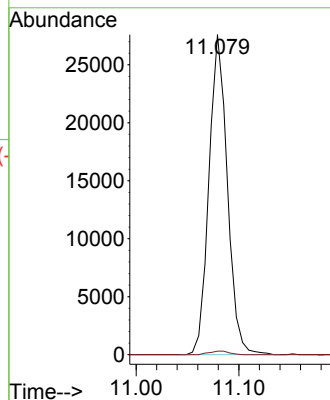
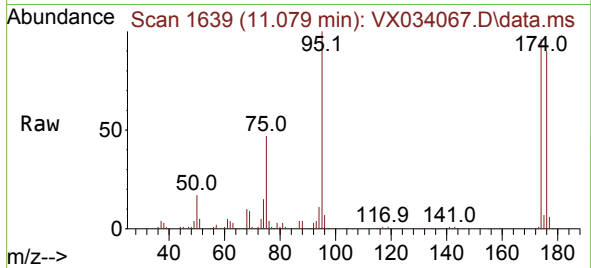




#76
1,2,3-Trichloropropane
Concen: 25.022 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX034067.D
Acq: 07 Feb 2023 17:38

Instrument :
MSVOA_X
ClientSampleId :
EB-2023-2-2

Tgt Ion: 75 Resp: 34344
Ion Ratio Lower Upper
75 100
77 1.2 21.8 65.4#



#81
trans-1,4-Dichloro-2-butene
Concen: 77.059 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX034067.D
Acq: 07 Feb 2023 17:38

Tgt Ion: 75 Resp: 34344
Ion Ratio Lower Upper
75 100
53 0.0 83.0 124.6#
89 0.0 37.7 56.5#

