

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012723\
 Data File : VX033925.D
 Acq On : 27 Jan 2023 10:19
 Operator : JC/MD
 Sample : VX0127WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0127WBL01

Quant Time: Jan 28 03:00:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011123W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 11 14:48:42 2023
 Response via : Initial Calibration

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

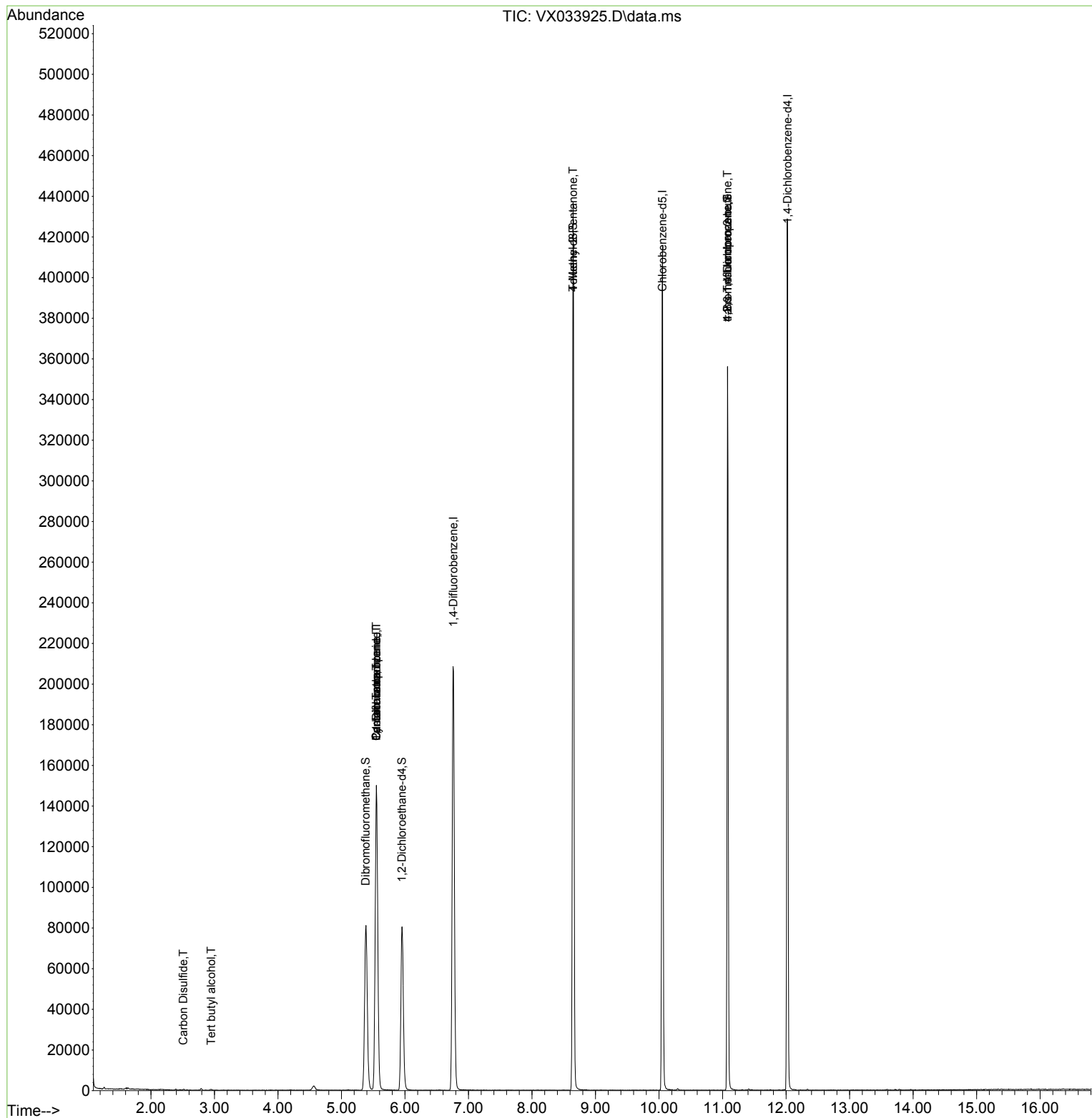
Internal Standards						
1) Pentafluorobenzene	5.550	168	161493	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	234438	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	206829	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	98604	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	77590	45.631	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	91.260%		
35) Dibromofluoromethane	5.379	113	72445	49.765	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.540%		
50) Toluene-d8	8.647	98	266500	50.245	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	100.480%		
62) 4-Bromofluorobenzene	11.079	95	91477	46.452	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	92.900%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.947	59	198	0.670	ug/l #	86
16) Acetone	2.392	43	251	Below Cal	#	75
17) Carbon Disulfide	2.508	76	539	1.978	ug/l #	76
31) Cyclohexane	5.550	56	2286	0.914	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	9584	4.511	ug/l #	48
38) Carbon Tetrachloride	5.550	117	13791	6.267	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	1054	0.512	ug/l #	1
73) Isopropylbenzene	10.970	105	60	Below Cal	#	48
76) 1,2,3-Trichloropropane	11.079	75	42519	23.469	ug/l #	34
79) 2-Chlorotoluene	11.366	91	154	Below Cal	#	39
81) trans-1,4-Dichloro-2-b...	11.079	75	42519	72.939	ug/l #	8
82) 4-Chlorotoluene	11.457	91	187	Below Cal	#	43

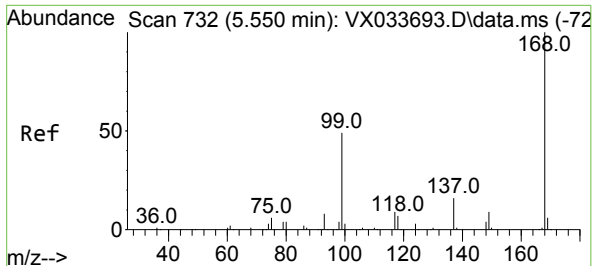
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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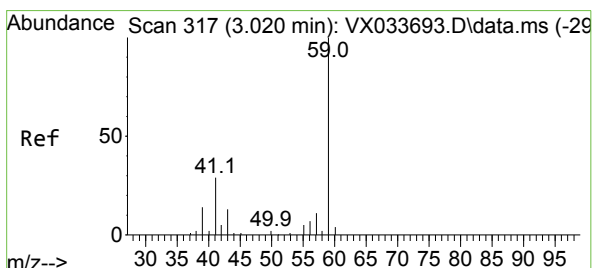
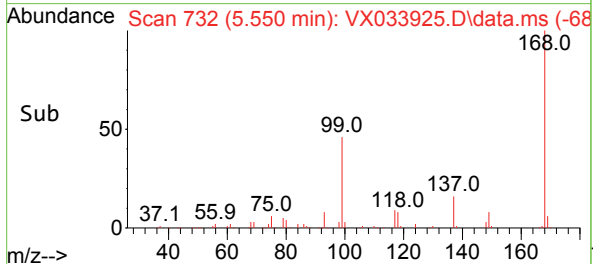
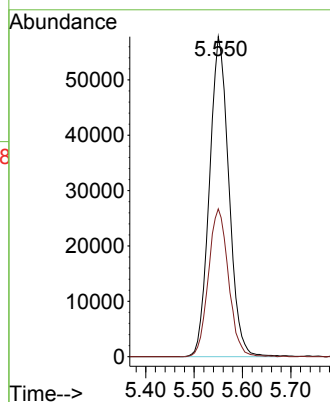
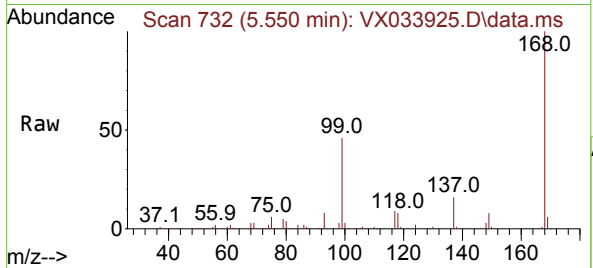




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033925.D
Acq: 27 Jan 2023 10:19

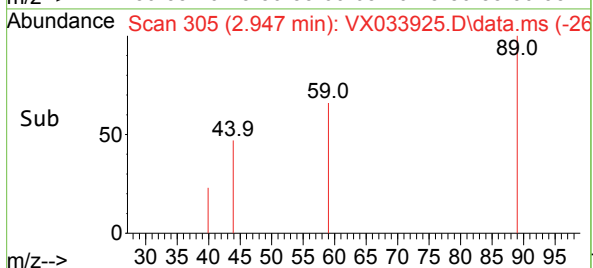
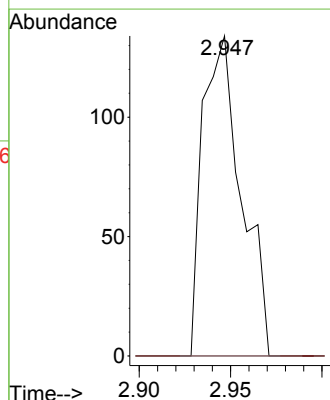
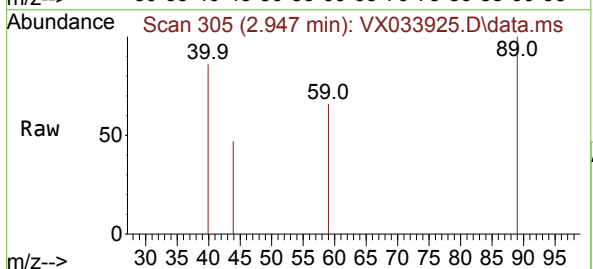
Instrument :
MSVOA_X
ClientSampleId :
VX0127WBL01

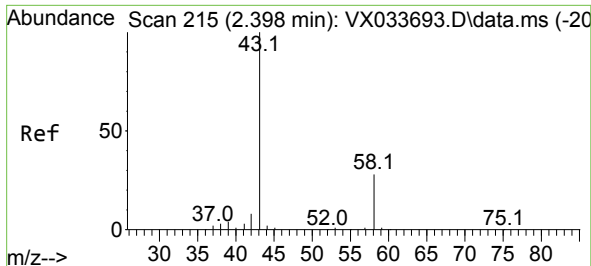
Tgt Ion:168 Resp: 161493
Ion Ratio Lower Upper
168 100
99 46.2 39.6 59.4



#11
Tert butyl alcohol
Concen: 0.670 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.073 min
Lab File: VX033925.D
Acq: 27 Jan 2023 10:19

Tgt Ion: 59 Resp: 198
Ion Ratio Lower Upper
59 100
57 0.0 3.7 5.5#

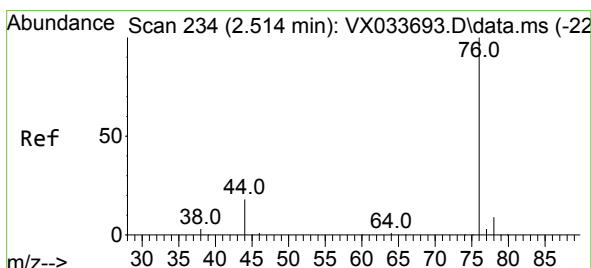
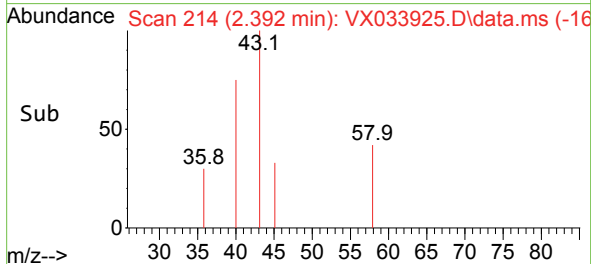
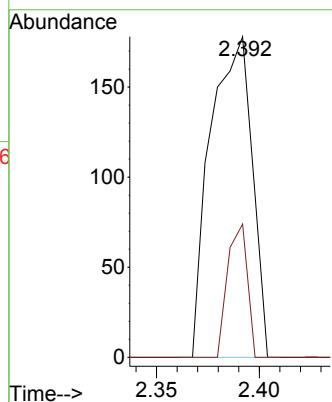
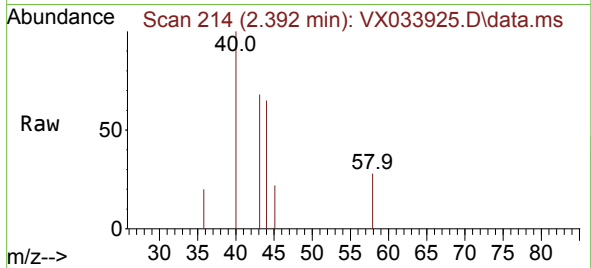




#16
Acetone
Concen: Below Cal
RT: 2.392 min Scan# 215
Delta R.T. -0.006 min
Lab File: VX033925.D
Acq: 27 Jan 2023 10:19

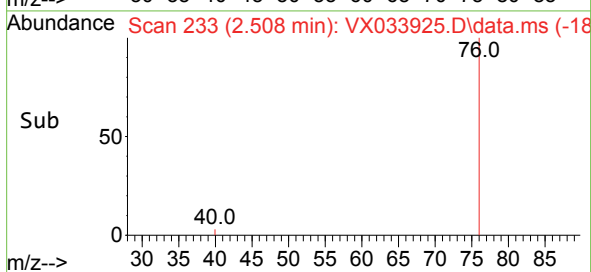
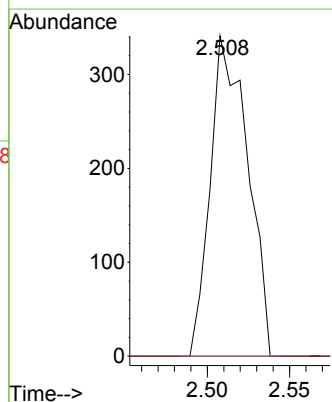
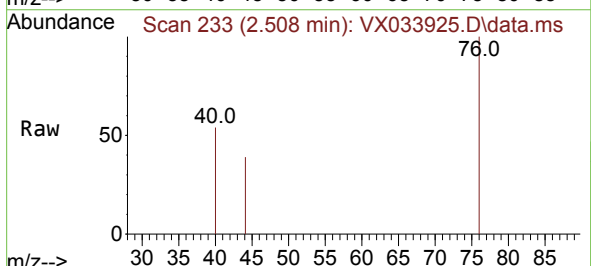
Instrument :
MSVOA_X
ClientSampleId :
VX0127WBL01

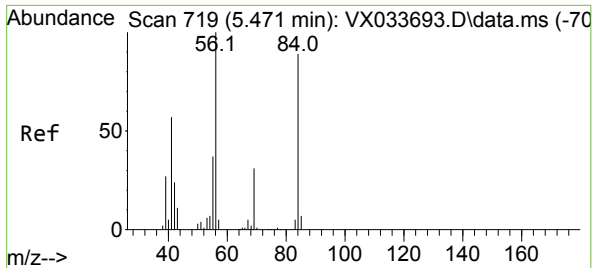
Tgt Ion: 43 Resp: 251
Ion Ratio Lower Upper
43 100
58 41.6 22.6 33.8#



#17
Carbon Disulfide
Concen: 1.978 ug/l
RT: 2.508 min Scan# 233
Delta R.T. -0.006 min
Lab File: VX033925.D
Acq: 27 Jan 2023 10:19

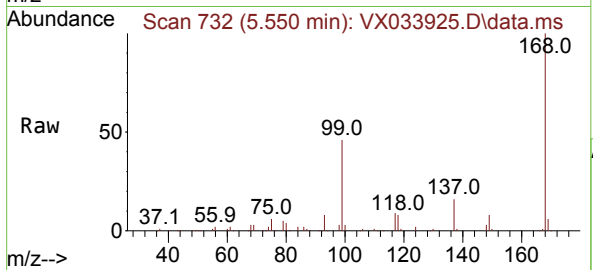
Tgt Ion: 76 Resp: 539
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.6#



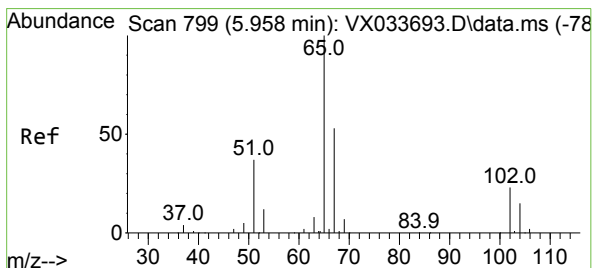
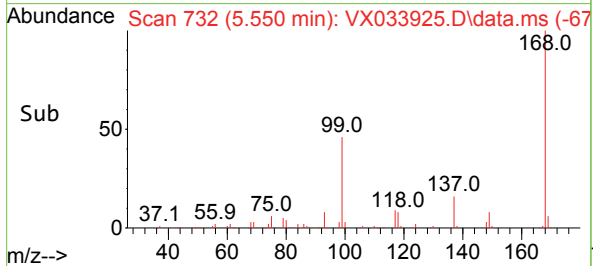
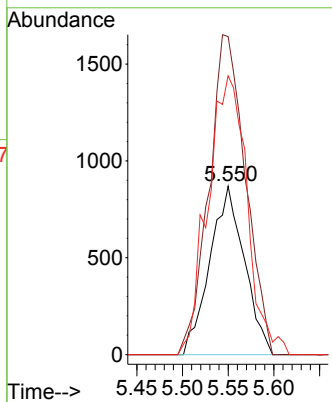


#31
Cyclohexane
Concen: 0.914 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX033925.D
Acq: 27 Jan 2023 10:19

Instrument :
MSVOA_X
ClientSampleId :
VX0127WBL01

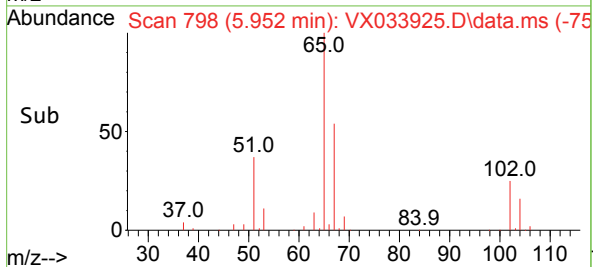
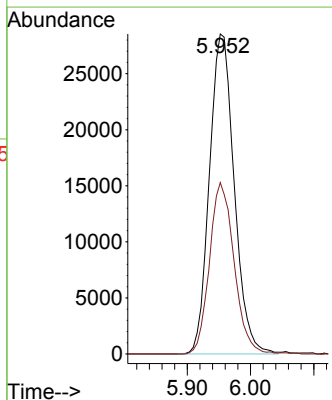
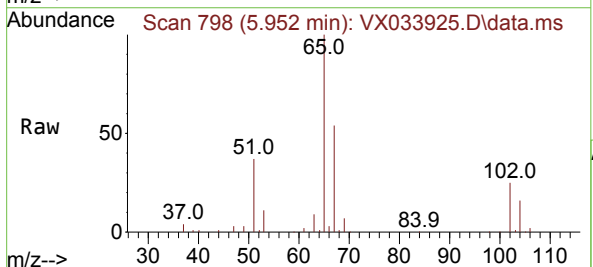


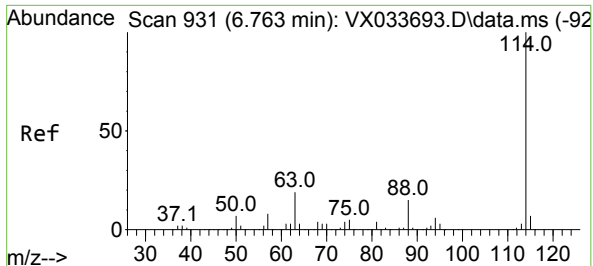
Tgt Ion: 56 Resp: 2286
Ion Ratio Lower Upper
56 100
69 188.7 24.6 37.0#
84 165.5 71.0 106.6#



#33
1,2-Dichloroethane-d4
Concen: 45.631 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX033925.D
Acq: 27 Jan 2023 10:19

Tgt Ion: 65 Resp: 77590
Ion Ratio Lower Upper
65 100
67 53.1 0.0 104.8

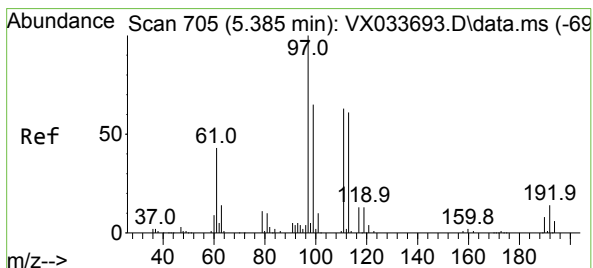
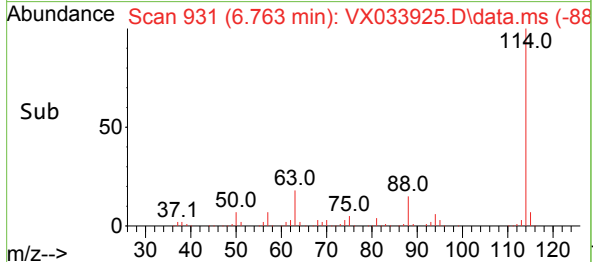
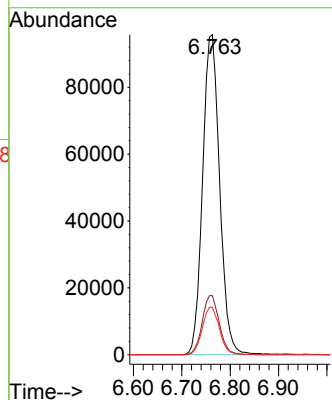
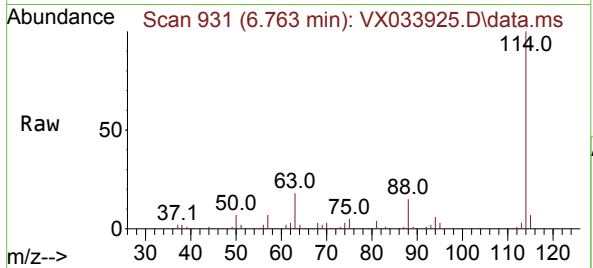




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX033925.D
Acq: 27 Jan 2023 10:19

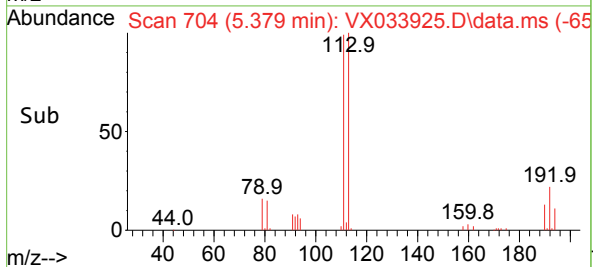
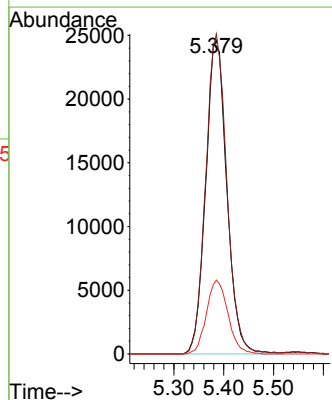
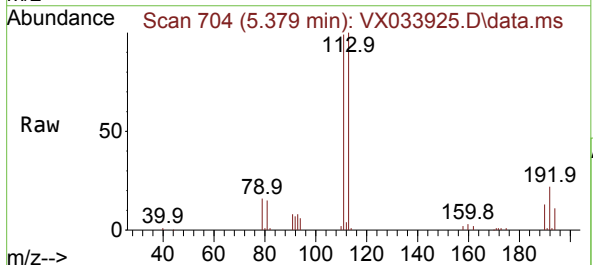
Instrument :
MSVOA_X
ClientSampleId :
VX0127WBL01

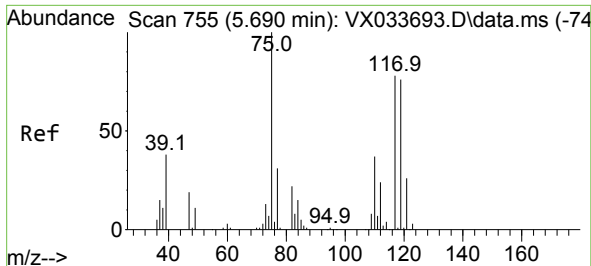
Tgt Ion:114 Resp: 234438
Ion Ratio Lower Upper
114 100
63 18.5 0.0 37.4
88 14.8 0.0 30.6



#35
Dibromofluoromethane
Concen: 49.765 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX033925.D
Acq: 27 Jan 2023 10:19

Tgt Ion:113 Resp: 72445
Ion Ratio Lower Upper
113 100
111 102.2 83.0 124.6
192 24.0 19.0 28.4

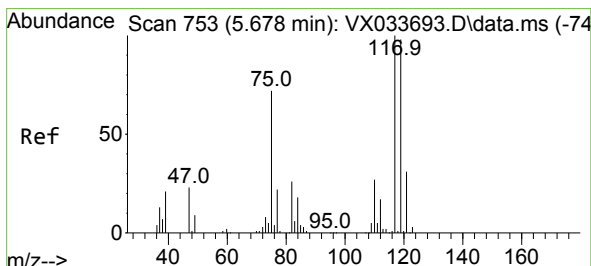
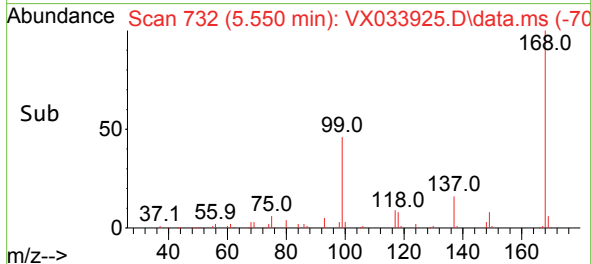
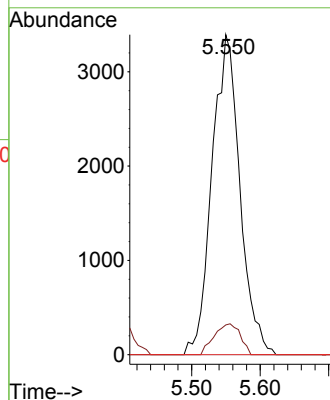
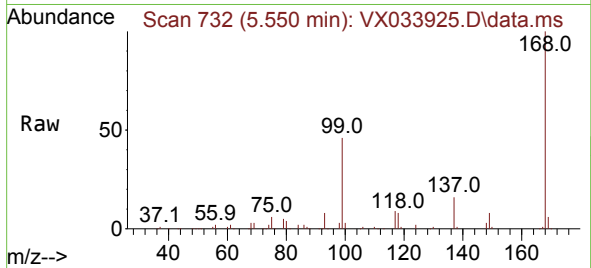




#36
1,1-Dichloropropene
Concen: 4.511 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.140 min
Lab File: VX033925.D
Acq: 27 Jan 2023 10:19

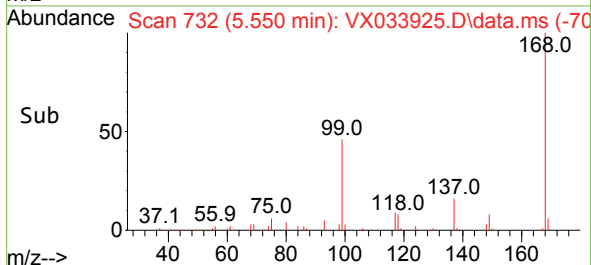
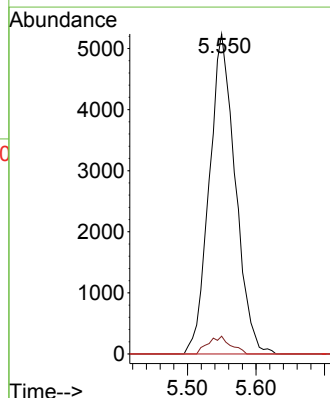
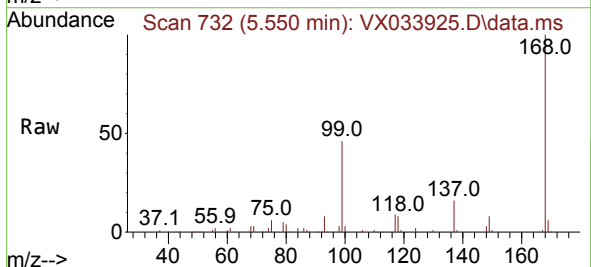
Instrument :
MSVOA_X
ClientSampleId :
VX0127WBL01

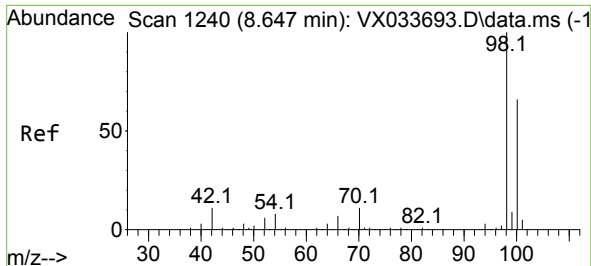
Tgt Ion: 75 Resp: 9584
Ion Ratio Lower Upper
75 100
110 9.0 18.8 56.4#
77 0.0 25.1 37.7#



#38
Carbon Tetrachloride
Concen: 6.267 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX033925.D
Acq: 27 Jan 2023 10:19

Tgt Ion: 117 Resp: 13791
Ion Ratio Lower Upper
117 100
119 5.5 78.0 117.0#
121 0.0 24.4 36.6#

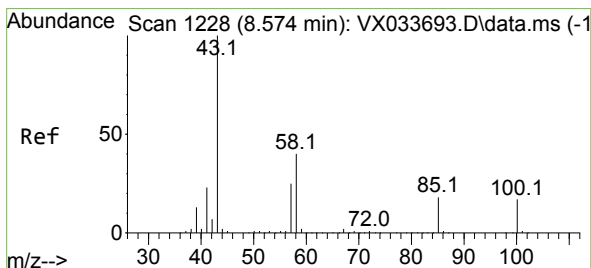
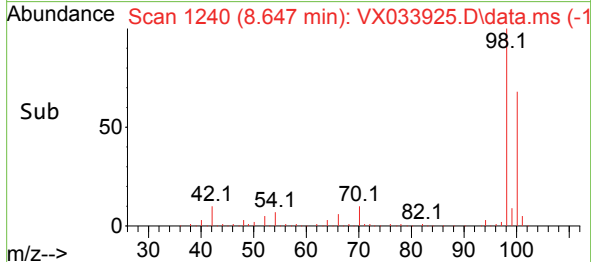
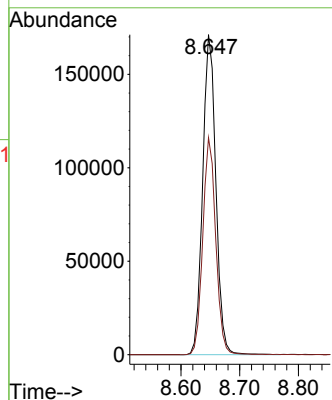
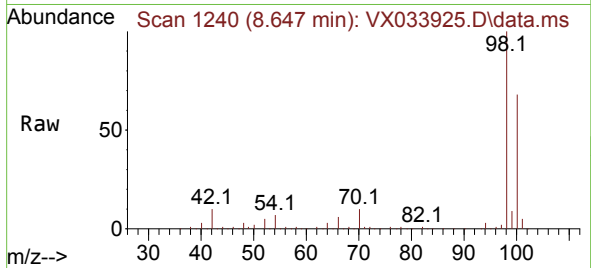




#50
Toluene-d8
Concen: 50.245 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX033925.D
Acq: 27 Jan 2023 10:19

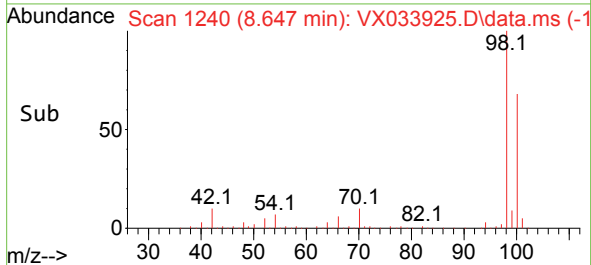
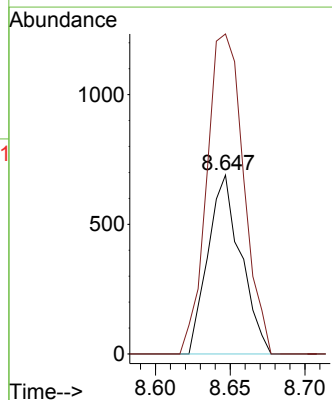
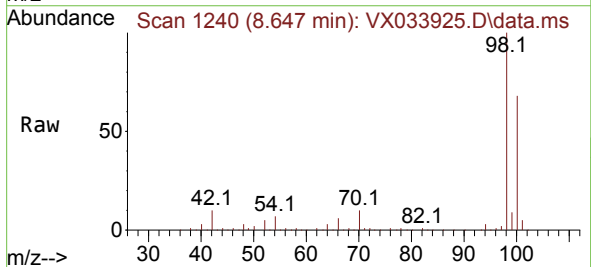
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VX0127WBL01

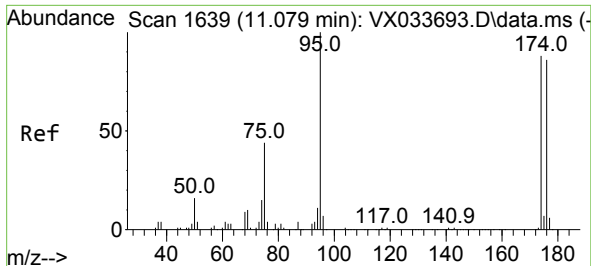
Tgt Ion: 98 Resp: 266500
Ion Ratio Lower Upper
98 100
100 67.0 53.6 80.4



#51
4-Methyl-2-Pentanone
Concen: 0.512 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX033925.D
Acq: 27 Jan 2023 10:19

Tgt Ion: 43 Resp: 1054
Ion Ratio Lower Upper
43 100
58 200.4 31.2 46.8#

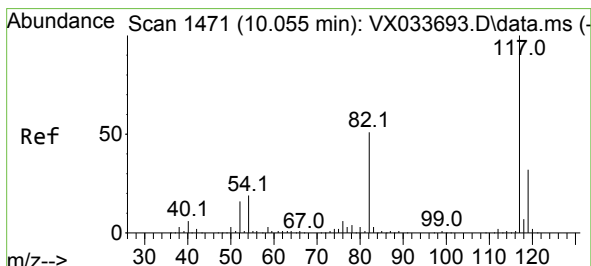
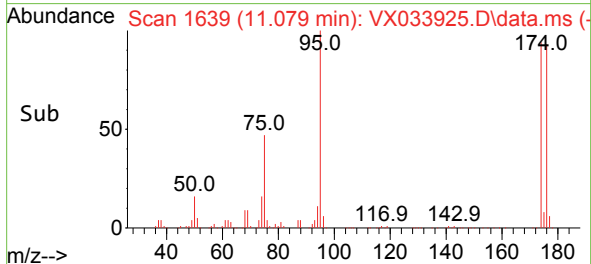
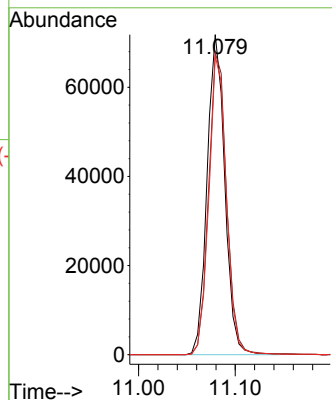
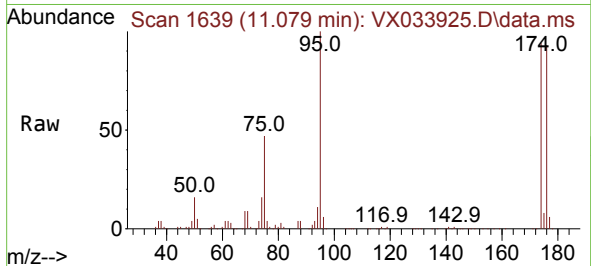




#62
4-Bromofluorobenzene
Concen: 46.452 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX033925.D
Acq: 27 Jan 2023 10:19

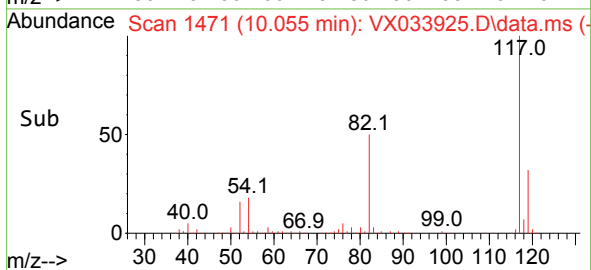
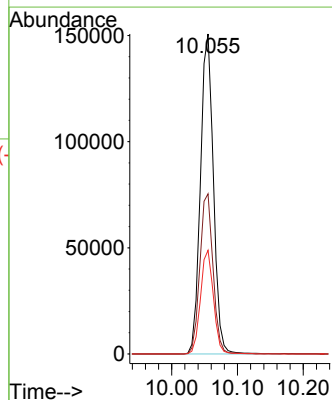
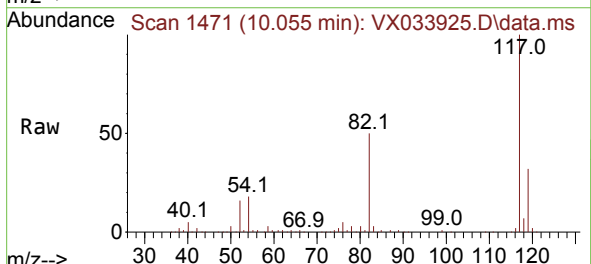
Instrument :
MSVOA_X
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VX0127WBL01

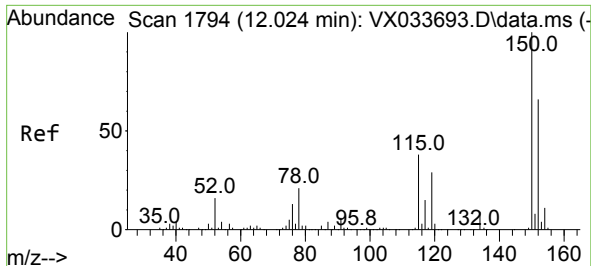
Tgt Ion: 95 Resp: 91477
Ion Ratio Lower Upper
95 100
174 95.9 0.0 184.4
176 93.0 0.0 178.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033925.D
Acq: 27 Jan 2023 10:19

Tgt Ion: 117 Resp: 206829
Ion Ratio Lower Upper
117 100
82 50.0 40.6 60.8
119 32.4 25.6 38.4

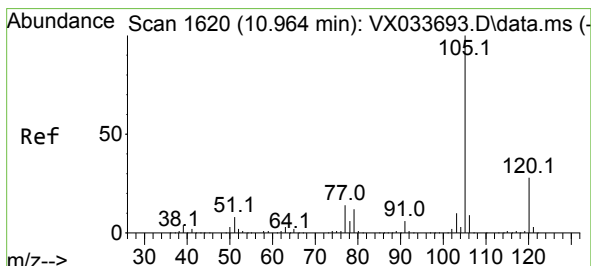
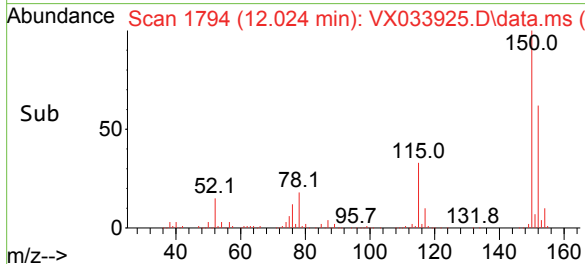
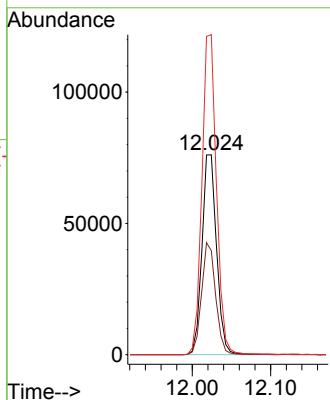
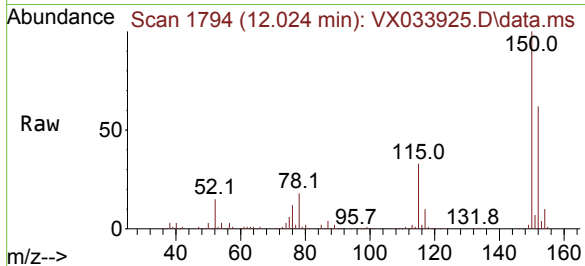




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX033925.D
Acq: 27 Jan 2023 10:19

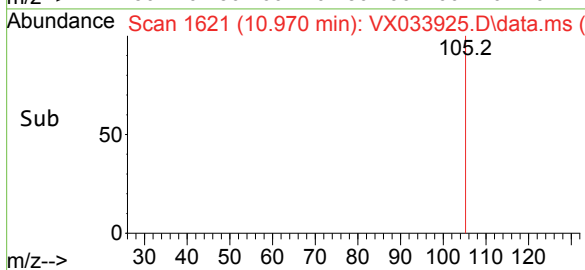
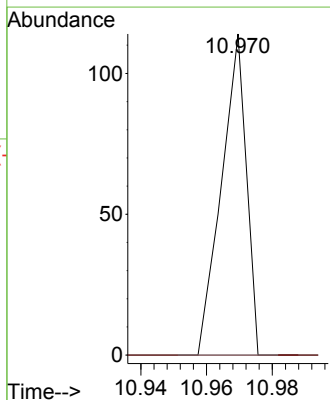
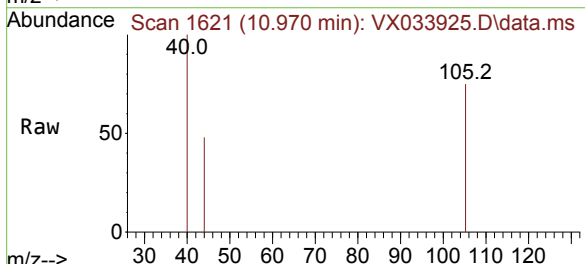
Instrument :
MSVOA_X
ClientSampleId :
VX0127WBL01

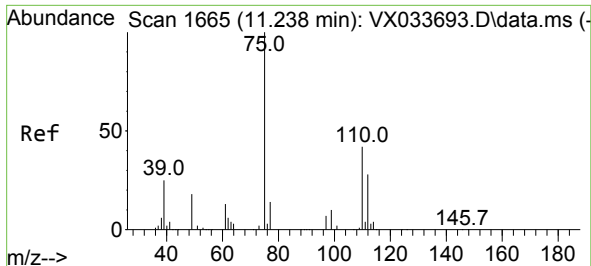
Tgt Ion:152 Resp: 98604
Ion Ratio Lower Upper
152 100
115 53.9 38.7 116.1
150 159.2 0.0 348.2



#73
Isopropylbenzene
Concen: Below Cal
RT: 10.970 min Scan# 1621
Delta R.T. 0.006 min
Lab File: VX033925.D
Acq: 27 Jan 2023 10:19

Tgt Ion:105 Resp: 60
Ion Ratio Lower Upper
105 100
120 0.0 13.6 40.8#

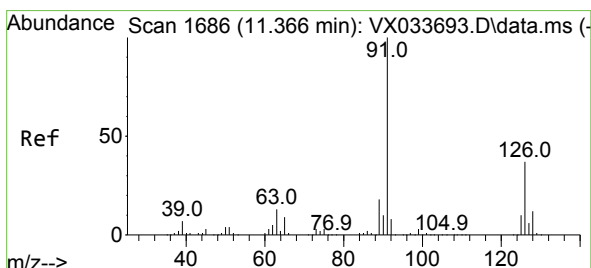
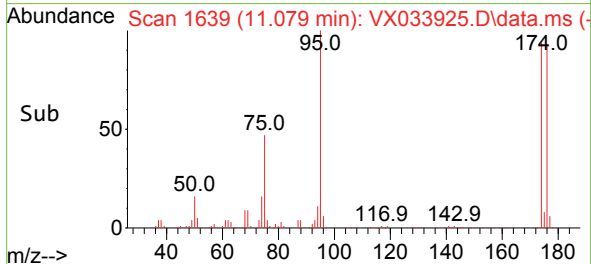
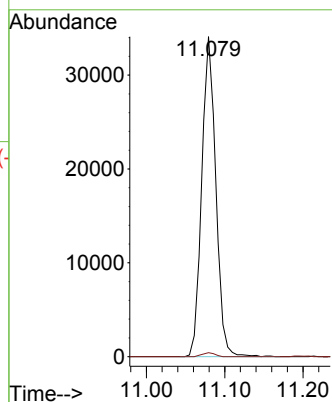
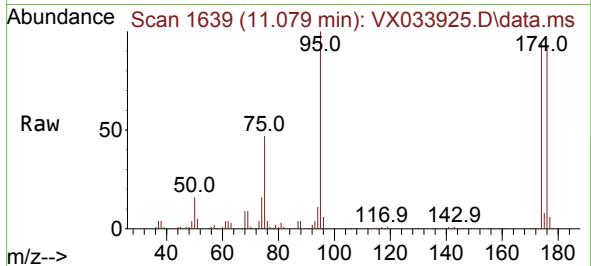




#76
1,2,3-Trichloropropane
Concen: 23.469 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX033925.D
Acq: 27 Jan 2023 10:19

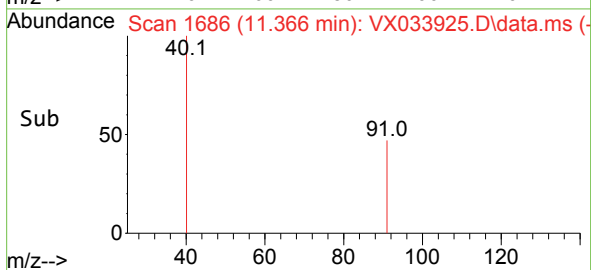
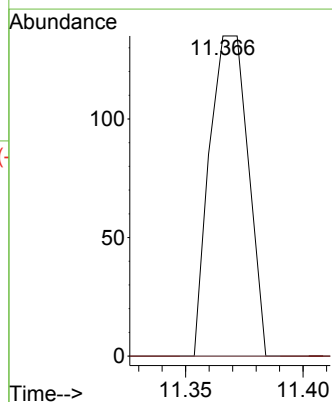
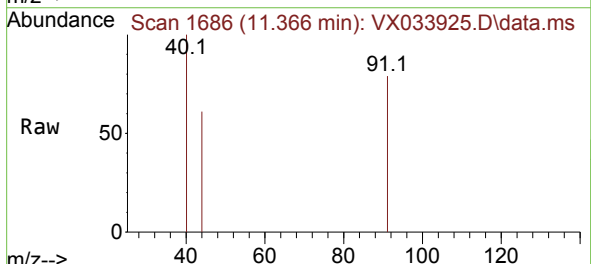
Instrument :
MSVOA_X
ClientSampleId :
VX0127WBL01

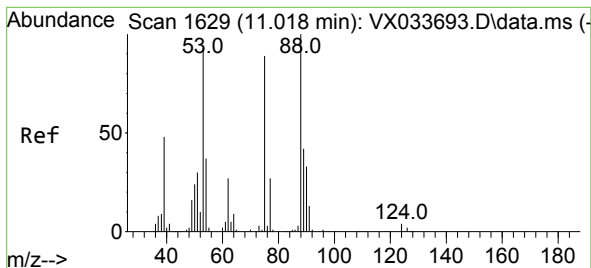
Tgt Ion: 75 Resp: 42519
Ion Ratio Lower Upper
75 100
77 1.1 21.8 65.4#



#79
2-Chlorotoluene
Concen: Below Cal
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX033925.D
Acq: 27 Jan 2023 10:19

Tgt Ion: 91 Resp: 154
Ion Ratio Lower Upper
91 100
126 0.0 18.1 54.1#

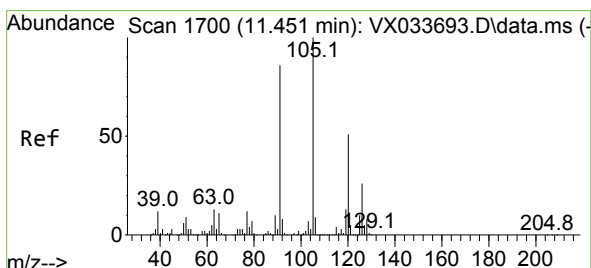
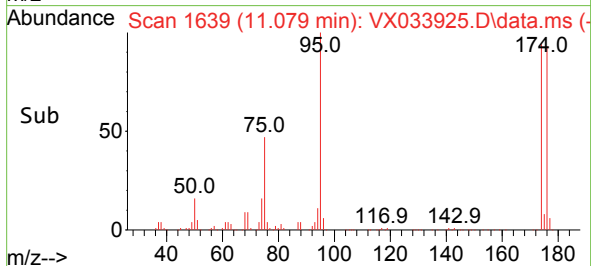
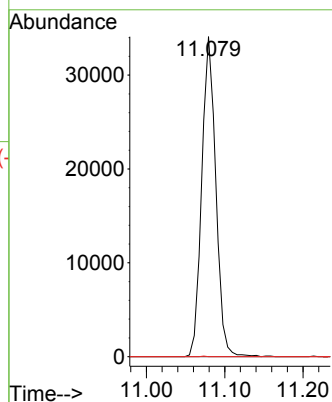
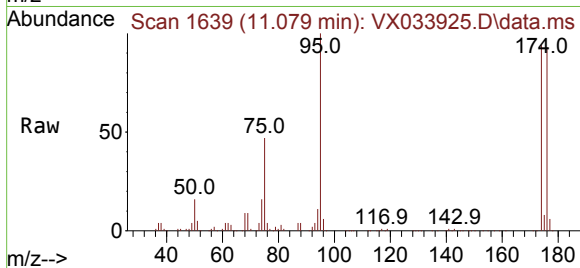




#81
trans-1,4-Dichloro-2-butene
Concen: 72.939 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX033925.D
Acq: 27 Jan 2023 10:19

Instrument :
MSVOA_X
ClientSampleId :
VX0127WBL01

Tgt Ion: 75 Resp: 42519
Ion Ratio Lower Upper
75 100
53 0.0 83.0 124.6#
89 0.1 37.7 56.5#



#82
4-Chlorotoluene
Concen: Below Cal
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX033925.D
Acq: 27 Jan 2023 10:19

Tgt Ion: 91 Resp: 187
Ion Ratio Lower Upper
91 100
126 0.0 15.8 47.4#

