

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012623\
 Data File : VX033912.D
 Acq On : 26 Jan 2023 16:19
 Operator : JC/MD
 Sample : 01323-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 22-MW-011

Quant Time: Jan 27 02:56:35 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)

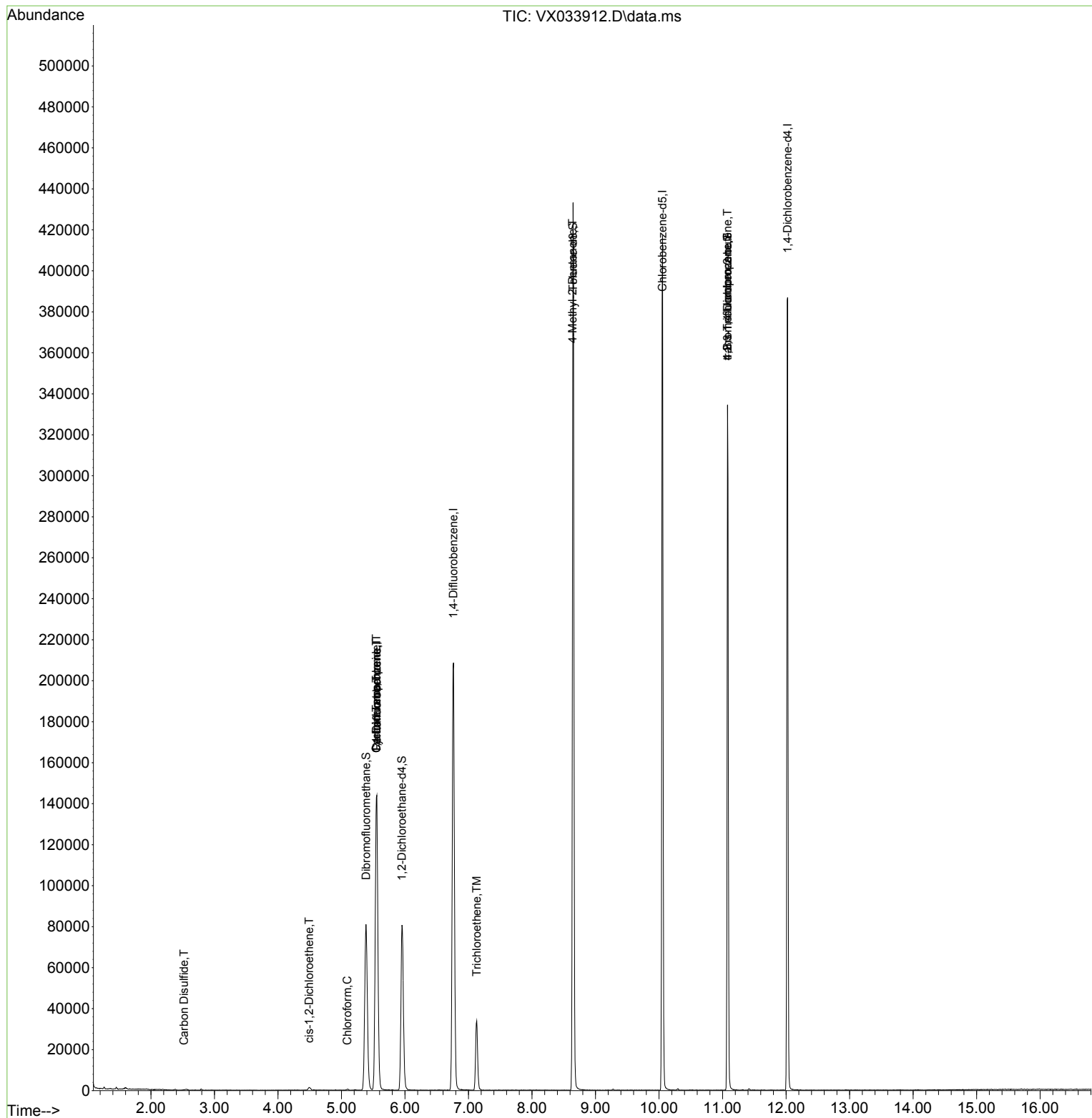
Internal Standards						
1) Pentafluorobenzene	5.556	168	160092	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	232384	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	204980	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	90928	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	77287	45.851	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	91.700%		
35) Dibromofluoromethane	5.385	113	71118	49.286	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.580%		
50) Toluene-d8	8.647	98	262744	49.975	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.940%		
62) 4-Bromofluorobenzene	11.079	95	88091	45.128	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	90.260%		
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	440	Below Cal	#	76
17) Carbon Disulfide	2.520	76	180	1.875	ug/l #	76
20) Methylene Chloride	2.794	84	207	Below Cal	#	82
27) cis-1,2-Dichloroethene	4.489	96	1063	0.607	ug/l	81
30) Chloroform	5.092	83	598	0.216	ug/l	96
31) Cyclohexane	5.550	56	2246	0.906	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	9714	4.613	ug/l #	49
38) Carbon Tetrachloride	5.550	117	13754	6.306	ug/l #	14
44) Trichloroethene	7.129	130	14916	8.690	ug/l	92
51) 4-Methyl-2-Pentanone	8.641	43	1084	0.531	ug/l #	1
64) Tetrachloroethene	9.281	164	80	Below Cal	#	36
73) Isopropylbenzene	11.079	105	90	Below Cal	#	48
76) 1,2,3-Trichloropropane	11.079	75	40845	24.448	ug/l #	34
79) 2-Chlorotoluene	11.311	91	51	Below Cal	#	39
81) trans-1,4-Dichloro-2-b...	11.079	75	40845	75.983	ug/l #	8
82) 4-Chlorotoluene	11.311	91	51	Below Cal	#	43

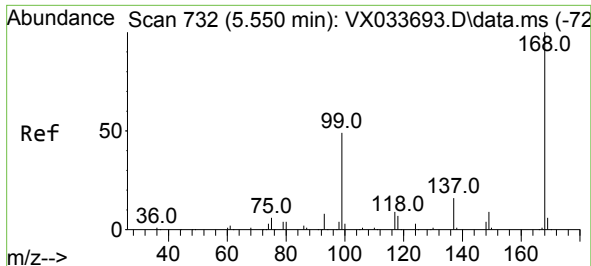
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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22-MW-01I

Quant Time: Jan 27 02:56:35 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

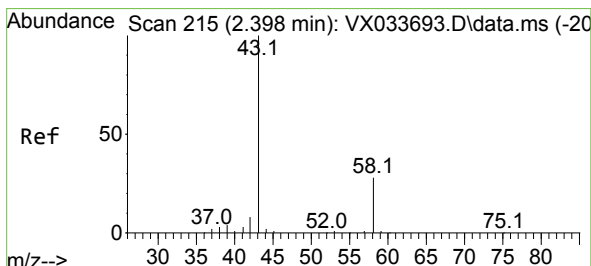
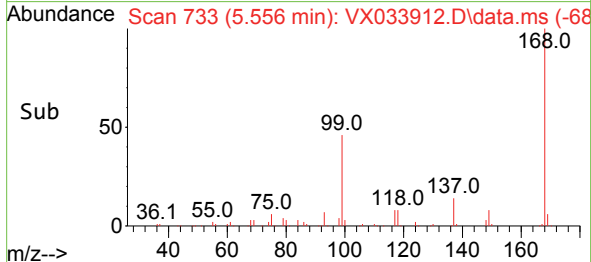
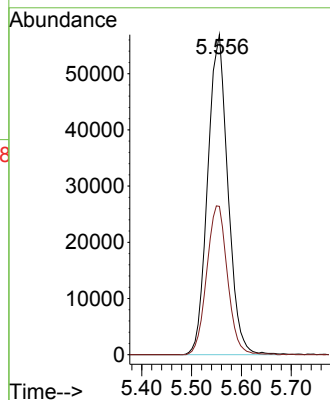
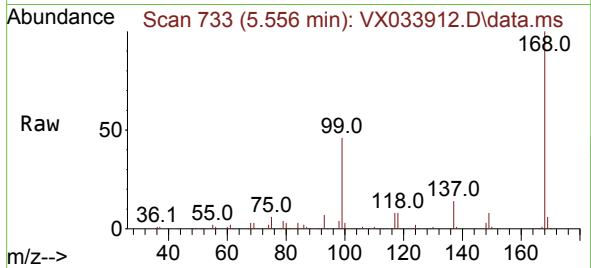




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX033912.D
Acq: 26 Jan 2023 16:19

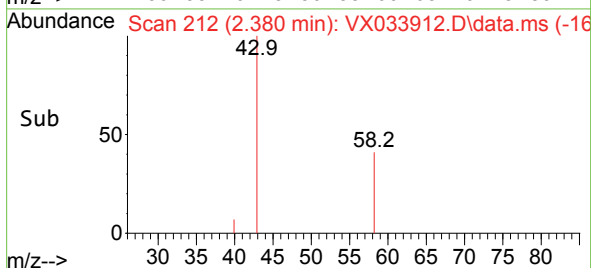
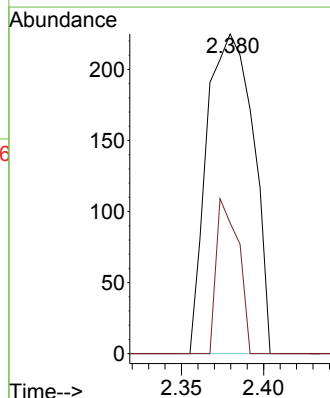
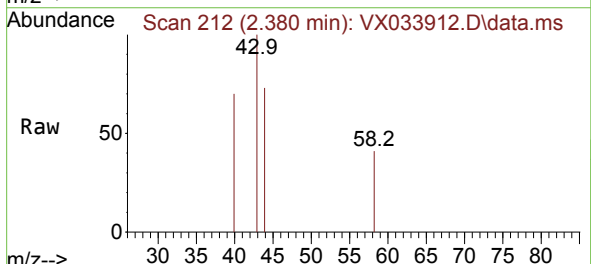
Instrument :
MSVOA_X
ClientSampleId :
22-MW-011

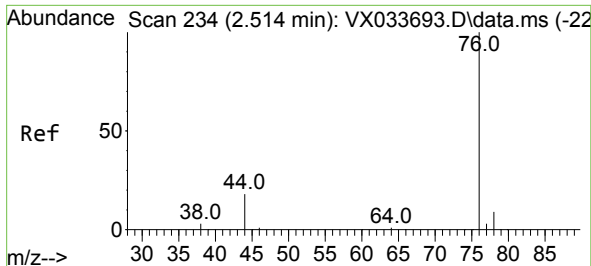
Tgt Ion:168 Resp: 160092
Ion Ratio Lower Upper
168 100
99 46.3 39.6 59.4



#16
Acetone
Concen: Below Cal
RT: 2.380 min Scan# 212
Delta R.T. -0.018 min
Lab File: VX033912.D
Acq: 26 Jan 2023 16:19

Tgt Ion: 43 Resp: 440
Ion Ratio Lower Upper
43 100
58 40.9 22.6 33.8#





#17

Carbon Disulfide

Concen: 1.875 ug/l

RT: 2.520 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX033912.D

Acq: 26 Jan 2023 16:19

Instrument :

MSVOA_X

ClientSampleId :

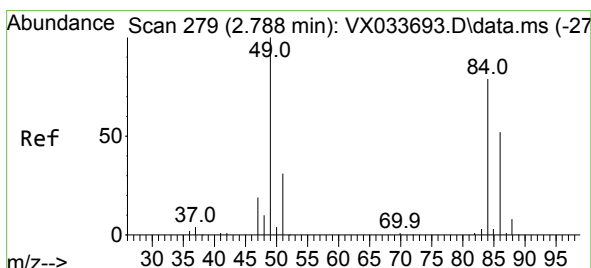
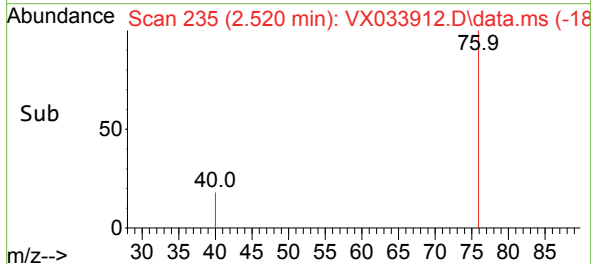
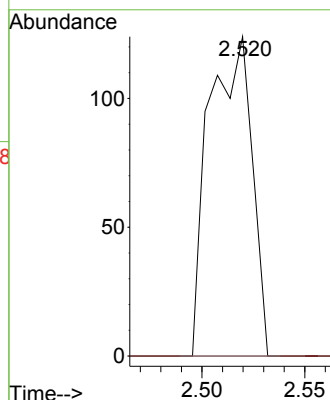
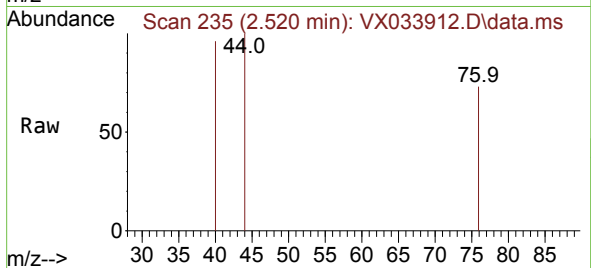
22-MW-011

Tgt Ion: 76 Resp: 180

Ion Ratio Lower Upper

76 100

78 0.0 7.0 10.6#



#20

Methylene Chloride

Concen: Below Cal

RT: 2.794 min Scan# 280

Delta R.T. 0.006 min

Lab File: VX033912.D

Acq: 26 Jan 2023 16:19

Tgt Ion: 84 Resp: 207

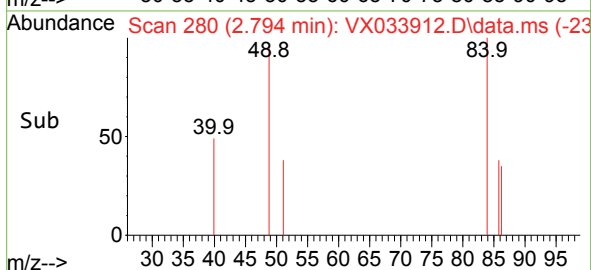
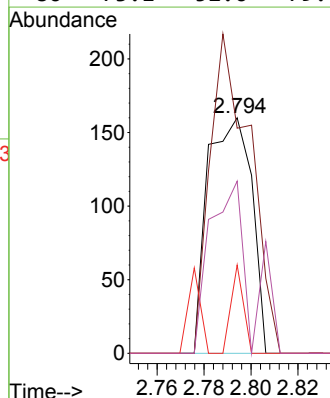
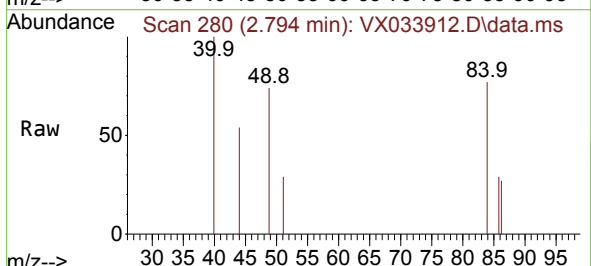
Ion Ratio Lower Upper

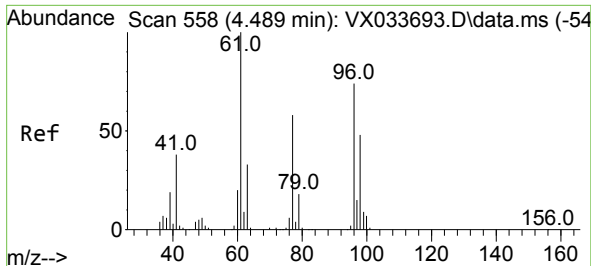
84 100

49 95.6 101.1 151.7#

51 37.5 31.0 46.6

86 73.1 52.6 79.0





#27

cis-1,2-Dichloroethene

Concen: 0.607 ug/l

RT: 4.489 min Scan# 51

Delta R.T. -0.000 min

Lab File: VX033912.D

Acq: 26 Jan 2023 16:19

Instrument :

MSVOA_X

ClientSampleId :

22-MW-011

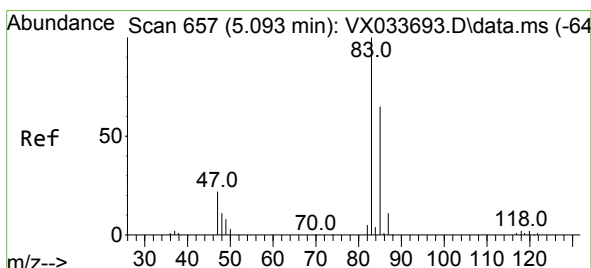
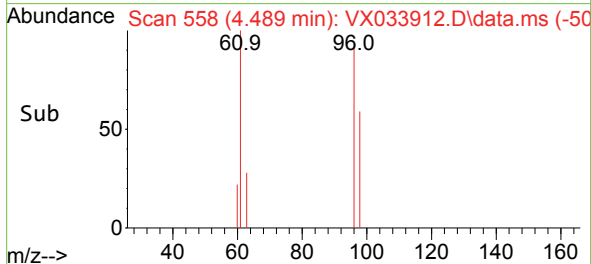
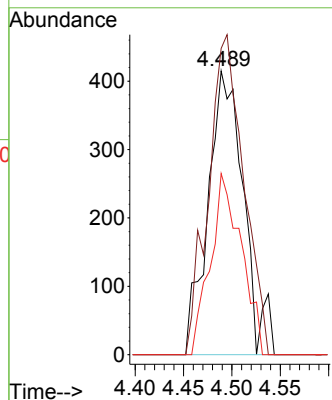
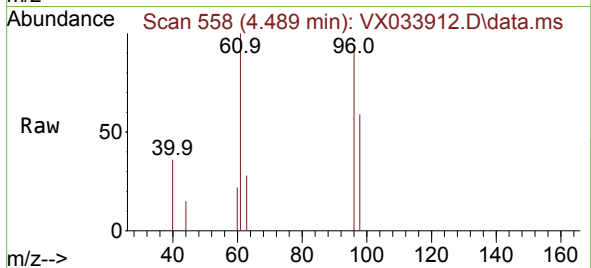
Tgt Ion: 96 Resp: 1063

Ion Ratio Lower Upper

96 100

61 111.5 0.0 277.6

98 55.4 0.0 128.0



#30

Chloroform

Concen: 0.216 ug/l

RT: 5.092 min Scan# 657

Delta R.T. -0.000 min

Lab File: VX033912.D

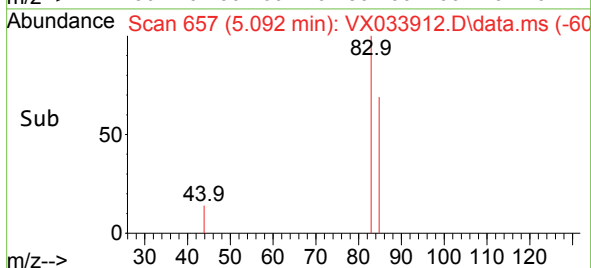
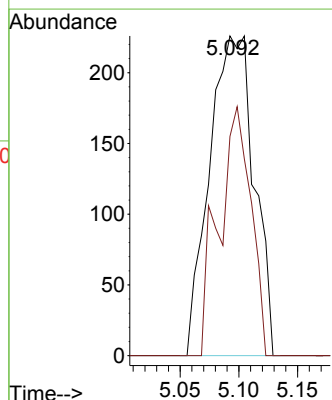
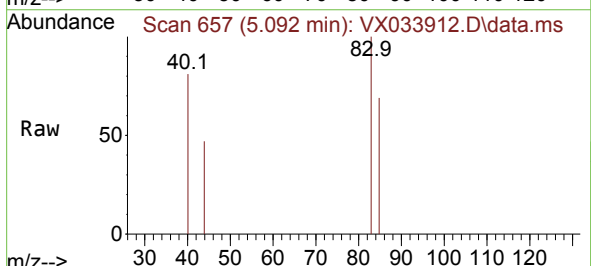
Acq: 26 Jan 2023 16:19

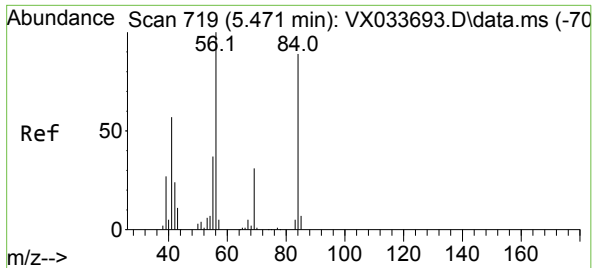
Tgt Ion: 83 Resp: 598

Ion Ratio Lower Upper

83 100

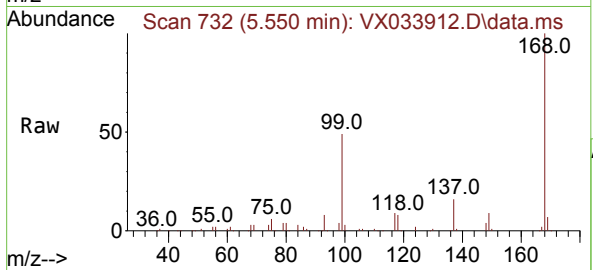
85 68.6 52.1 78.1



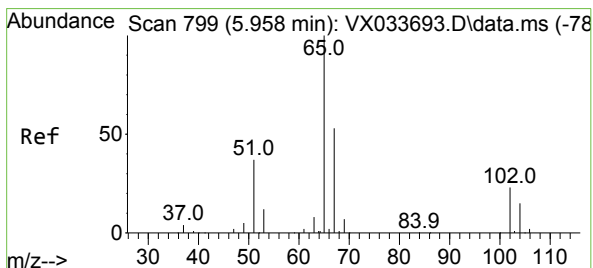
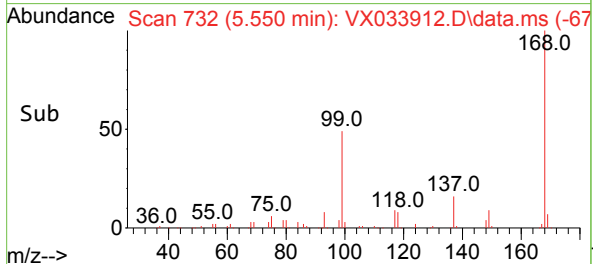
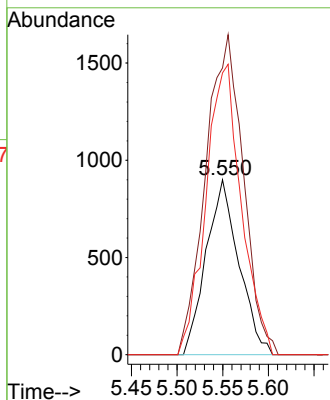


#31
Cyclohexane
Concen: 0.906 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX033912.D
Acq: 26 Jan 2023 16:19

Instrument :
MSVOA_X
ClientSampleId :
22-MW-011

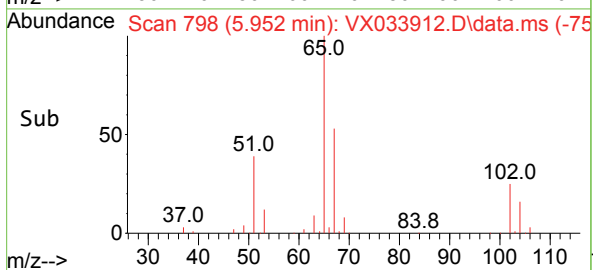
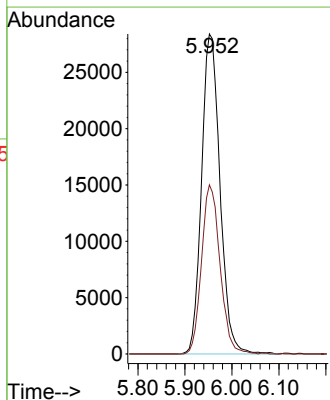
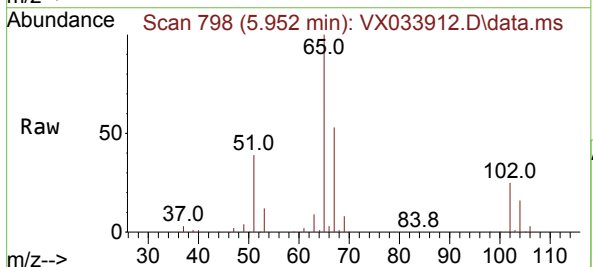


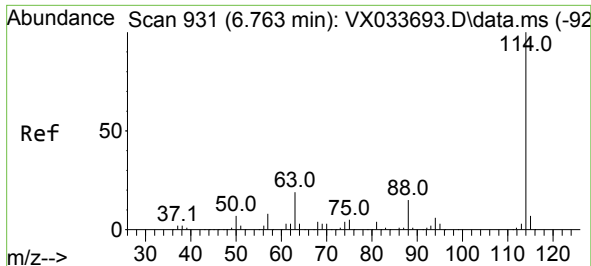
Tgt Ion: 56 Resp: 2246
Ion Ratio Lower Upper
56 100
69 163.9 24.6 37.0#
84 161.0 71.0 106.6#



#33
1,2-Dichloroethane-d4
Concen: 45.851 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX033912.D
Acq: 26 Jan 2023 16:19

Tgt Ion: 65 Resp: 77287
Ion Ratio Lower Upper
65 100
67 53.0 0.0 104.8

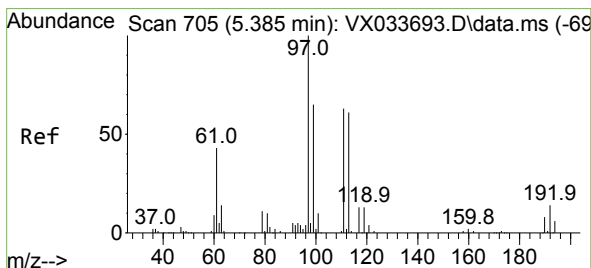
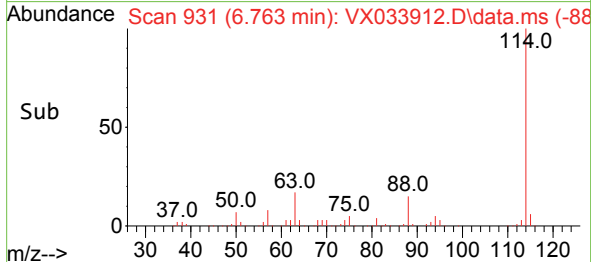
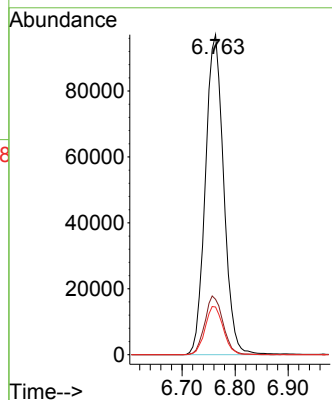
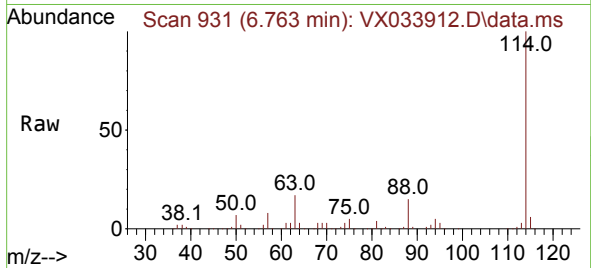




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX033912.D
Acq: 26 Jan 2023 16:19

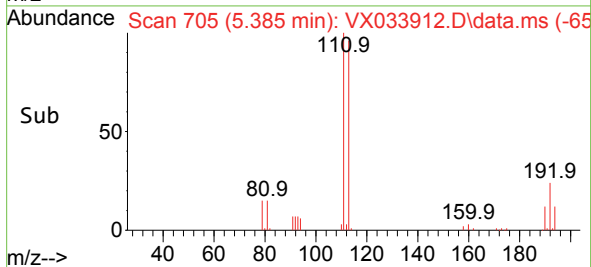
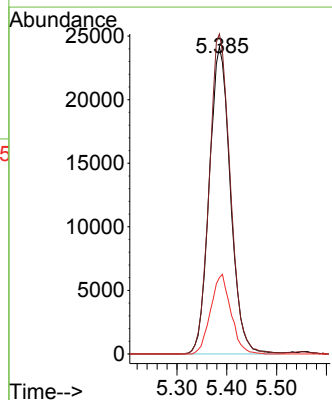
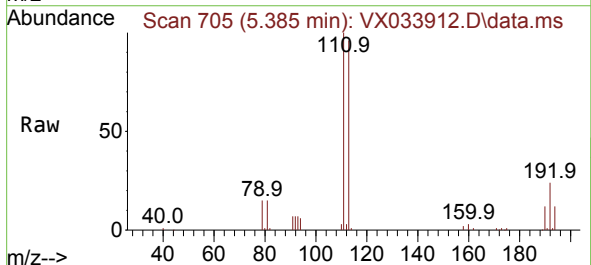
Instrument :
MSVOA_X
ClientSampleId :
22-MW-011

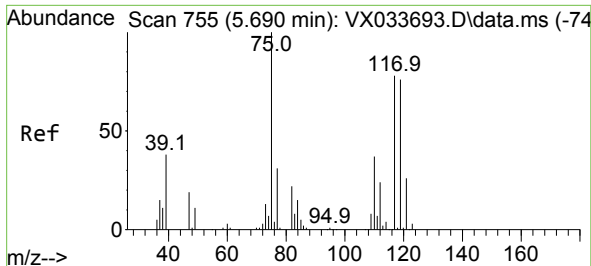
Tgt Ion:114 Resp: 232384
Ion Ratio Lower Upper
114 100
63 17.3 0.0 37.4
88 14.9 0.0 30.6



#35
Dibromofluoromethane
Concen: 49.286 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX033912.D
Acq: 26 Jan 2023 16:19

Tgt Ion:113 Resp: 71118
Ion Ratio Lower Upper
113 100
111 103.7 83.0 124.6
192 24.9 19.0 28.4

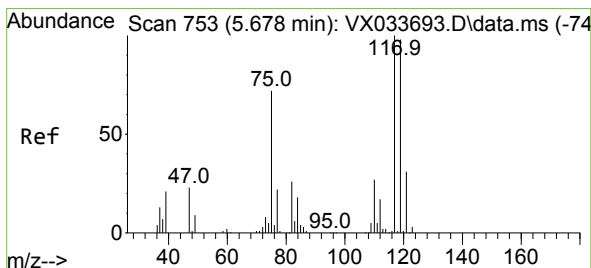
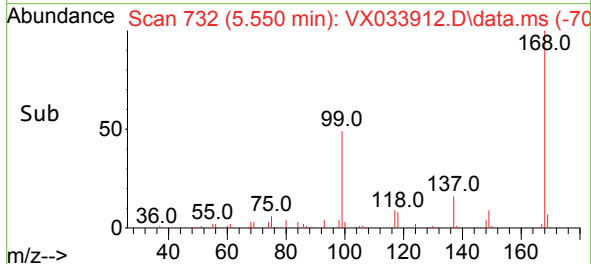
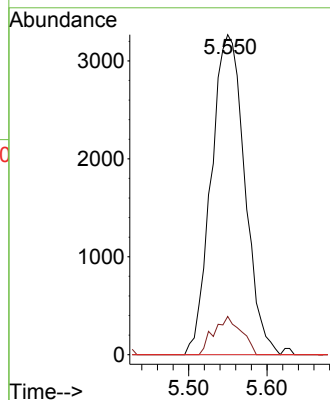
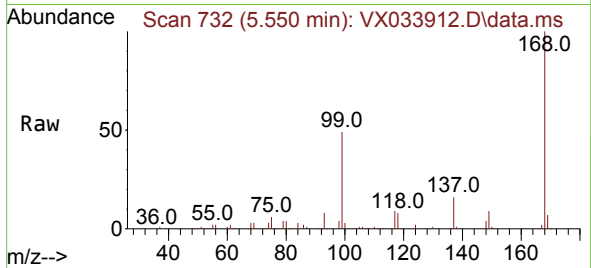




#36
1,1-Dichloropropene
Concen: 4.613 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.140 min
Lab File: VX033912.D
Acq: 26 Jan 2023 16:19

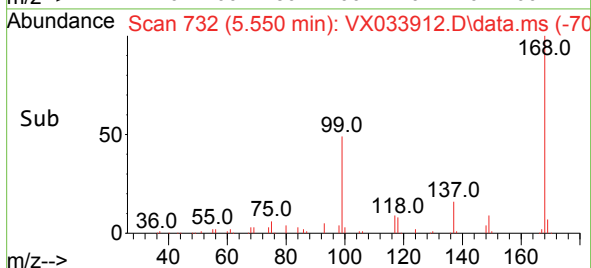
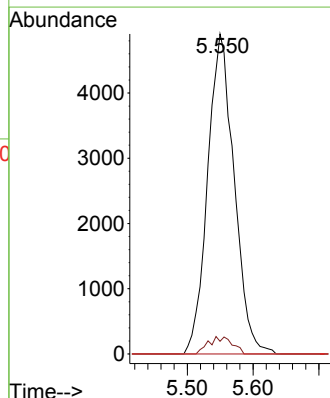
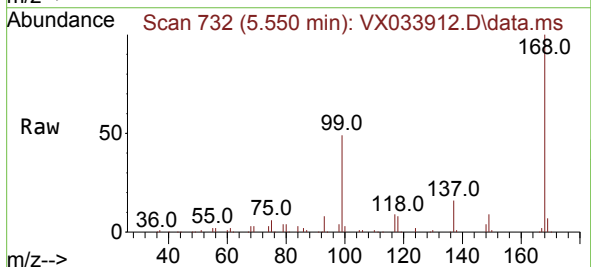
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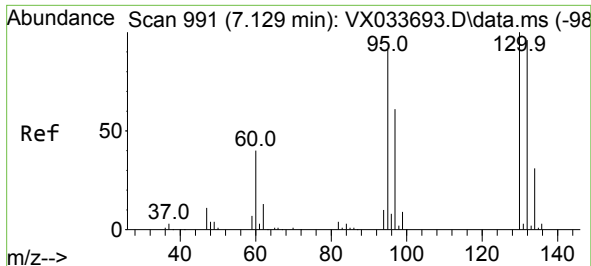
Tgt Ion: 75 Resp: 9714
Ion Ratio Lower Upper
75 100
110 9.8 18.8 56.4#
77 0.0 25.1 37.7#



#38
Carbon Tetrachloride
Concen: 6.306 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX033912.D
Acq: 26 Jan 2023 16:19

Tgt Ion: 117 Resp: 13754
Ion Ratio Lower Upper
117 100
119 3.9 78.0 117.0#
121 0.0 24.4 36.6#

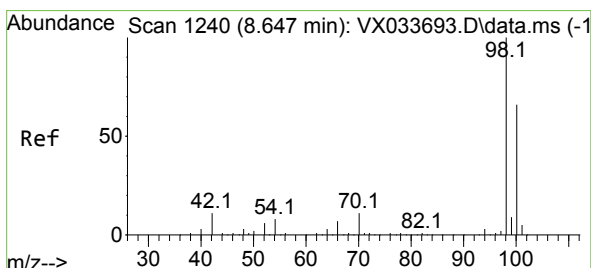
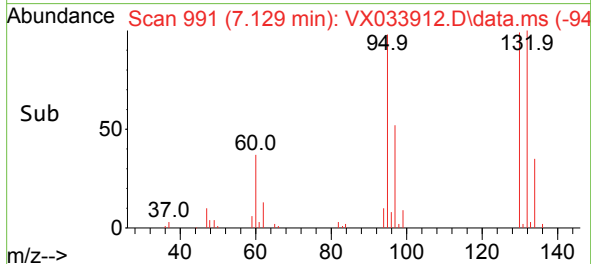
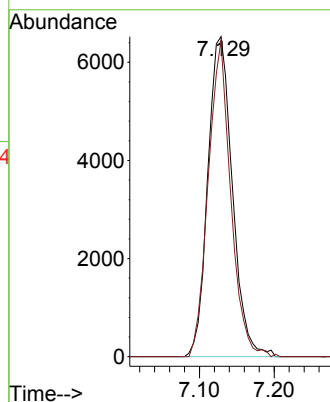
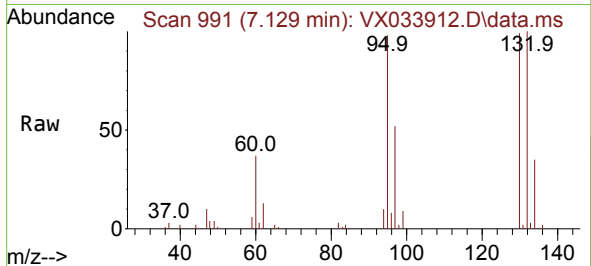




#44
Trichloroethene
Concen: 8.690 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX033912.D
Acq: 26 Jan 2023 16:19

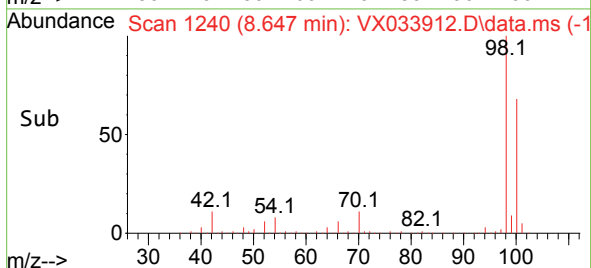
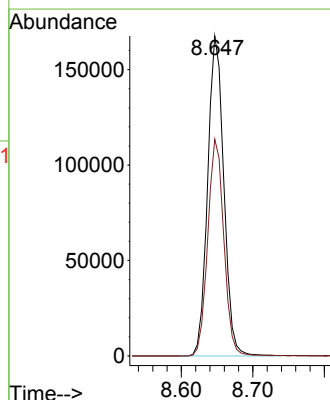
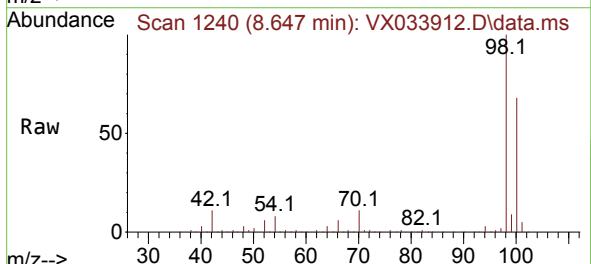
Instrument :
MSVOA_X
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22-MW-011

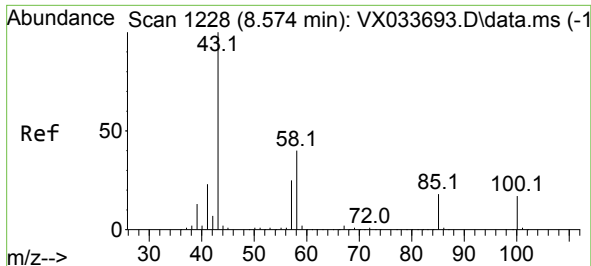
Tgt Ion:130 Resp: 14916
Ion Ratio Lower Upper
130 100
95 98.8 0.0 182.6



#50
Toluene-d8
Concen: 49.975 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX033912.D
Acq: 26 Jan 2023 16:19

Tgt Ion: 98 Resp: 262744
Ion Ratio Lower Upper
98 100
100 67.4 53.6 80.4





#51

4-Methyl-2-Pentanone

Concen: 0.531 ug/l

RT: 8.641 min Scan# 1239

Delta R.T. 0.067 min

Lab File: VX033912.D

Acq: 26 Jan 2023 16:19

Instrument :

MSVOA_X

ClientSampleId :

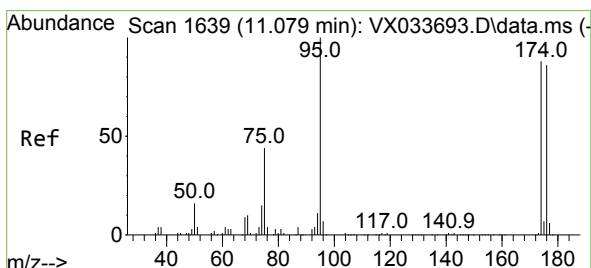
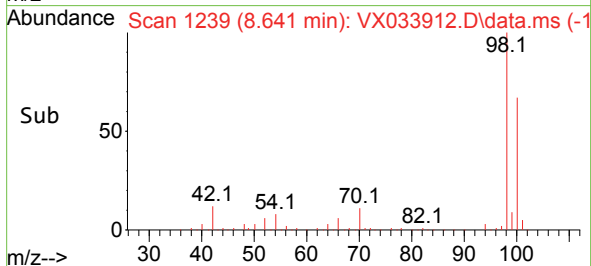
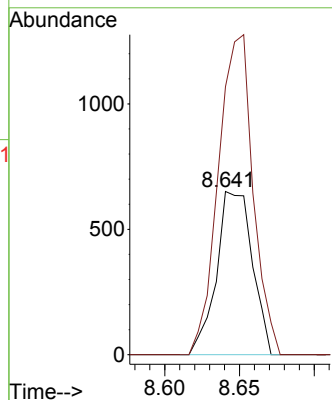
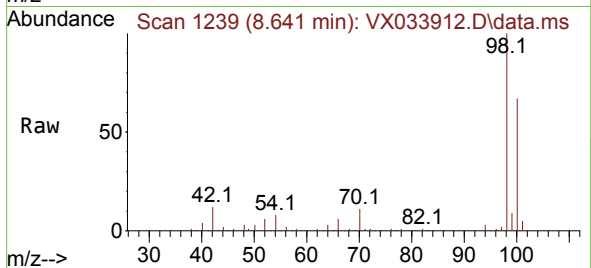
22-MW-011

Tgt Ion: 43 Resp: 1084

Ion Ratio Lower Upper

43 100

58 190.4 31.2 46.8#



#62

4-Bromofluorobenzene

Concen: 45.128 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX033912.D

Acq: 26 Jan 2023 16:19

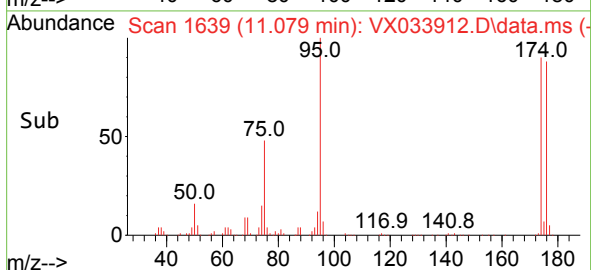
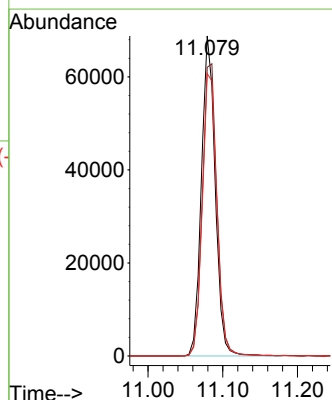
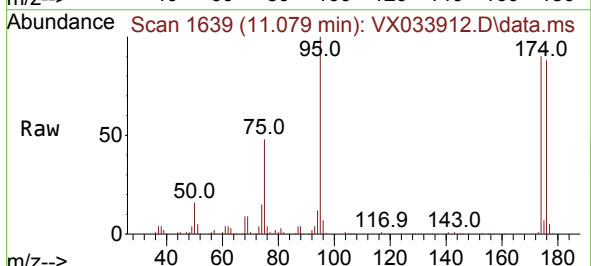
Tgt Ion: 95 Resp: 88091

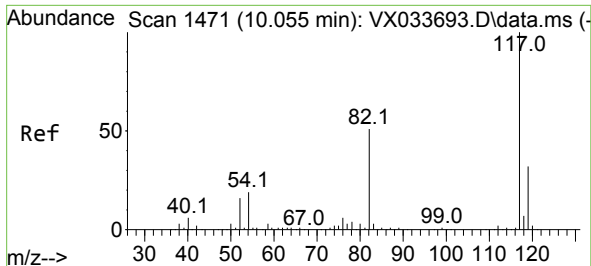
Ion Ratio Lower Upper

95 100

174 97.1 0.0 184.4

176 93.0 0.0 178.8

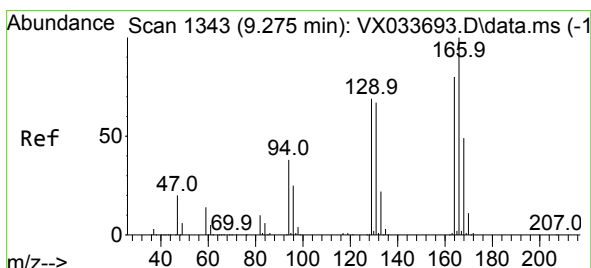
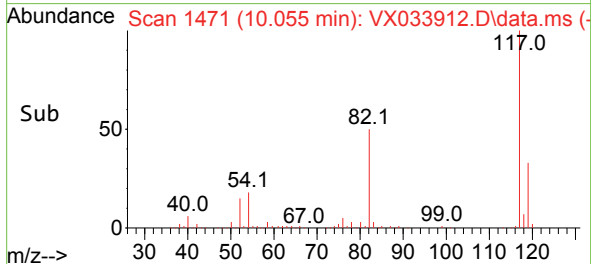
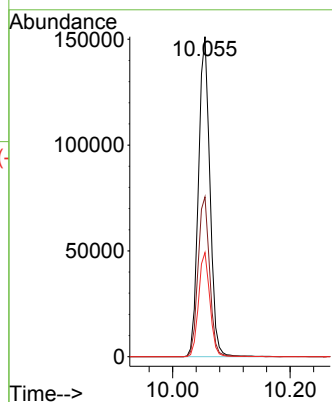
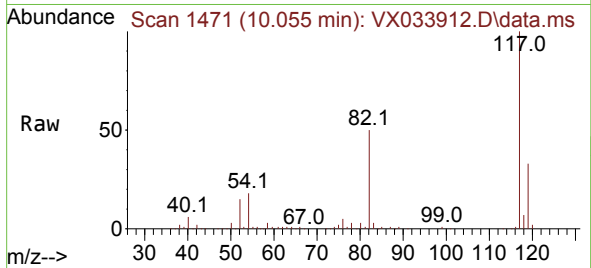




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX033912.D
Acq: 26 Jan 2023 16:19

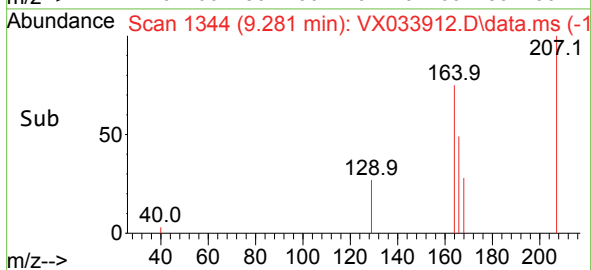
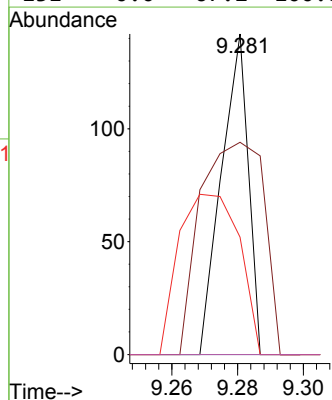
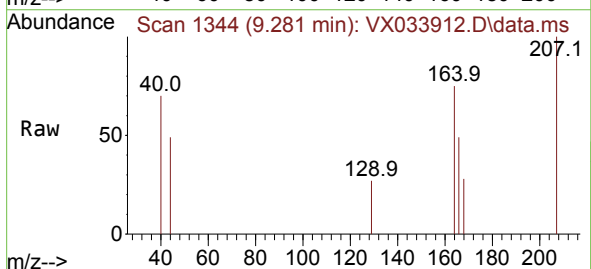
Instrument :
MSVOA_X
ClientSampleId :
22-MW-011

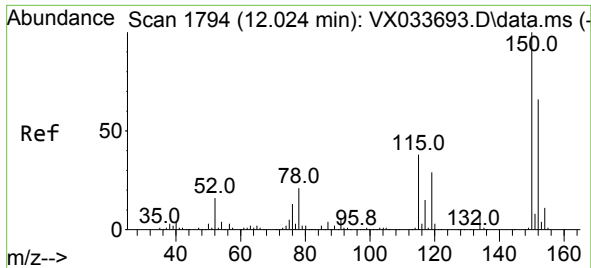
Tgt Ion:117 Resp: 204980
Ion Ratio Lower Upper
117 100
82 49.9 40.6 60.8
119 32.6 25.6 38.4



#64
Tetrachloroethene
Concen: Below Cal
RT: 9.281 min Scan# 1344
Delta R.T. 0.006 min
Lab File: VX033912.D
Acq: 26 Jan 2023 16:19

Tgt Ion:164 Resp: 80
Ion Ratio Lower Upper
164 100
166 66.2 100.2 150.2#
129 36.6 69.2 103.8#
131 0.0 67.2 100.8#

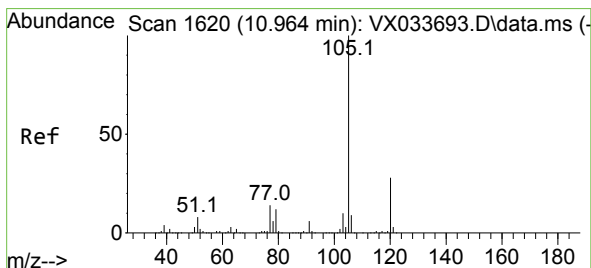
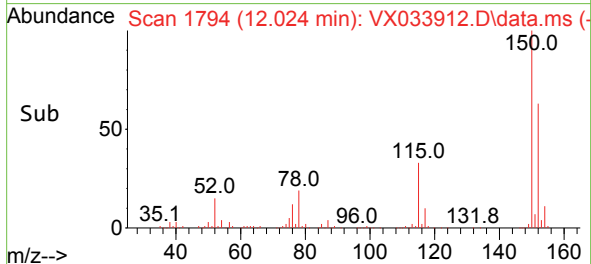
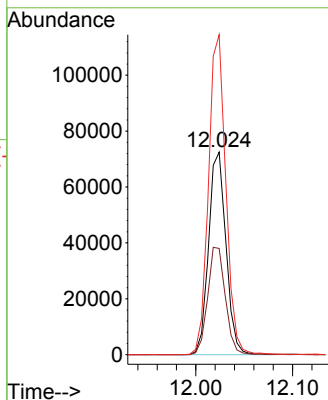
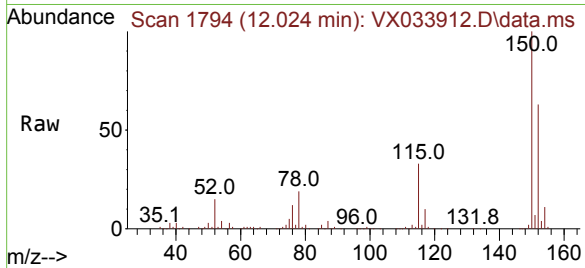




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX033912.D
Acq: 26 Jan 2023 16:19

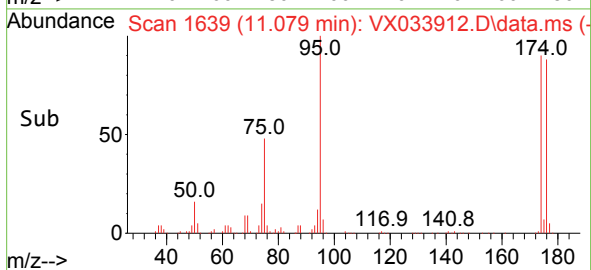
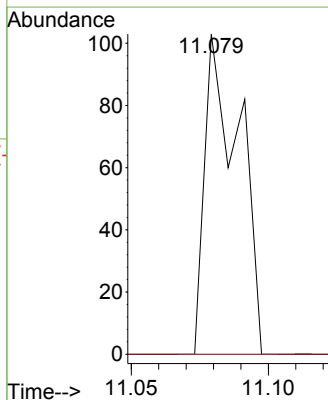
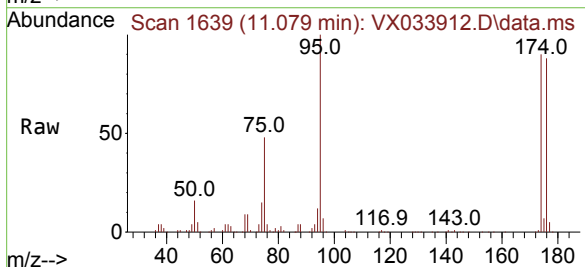
Instrument :
MSVOA_X
ClientSampleId :
22-MW-011

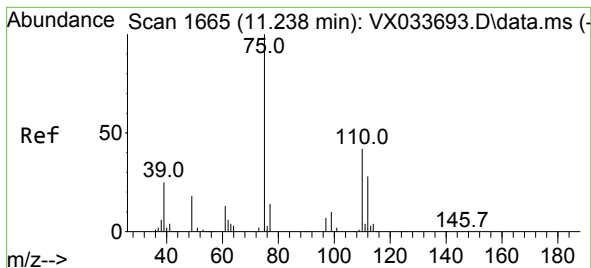
Tgt Ion:152 Resp: 90928
Ion Ratio Lower Upper
152 100
115 53.9 38.7 116.1
150 157.2 0.0 348.2



#73
Isopropylbenzene
Concen: Below Cal
RT: 11.079 min Scan# 1639
Delta R.T. 0.115 min
Lab File: VX033912.D
Acq: 26 Jan 2023 16:19

Tgt Ion:105 Resp: 90
Ion Ratio Lower Upper
105 100
120 0.0 13.6 40.8#





#76

1,2,3-Trichloropropane

Concen: 24.448 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.159 min

Lab File: VX033912.D

Acq: 26 Jan 2023 16:19

Instrument :

MSVOA_X

ClientSampleId :

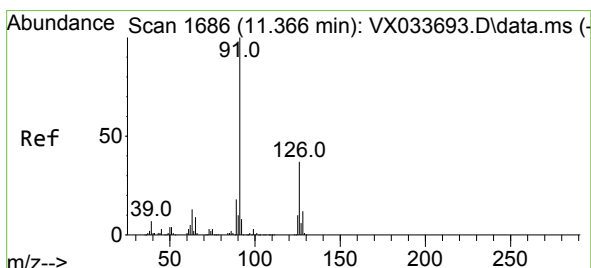
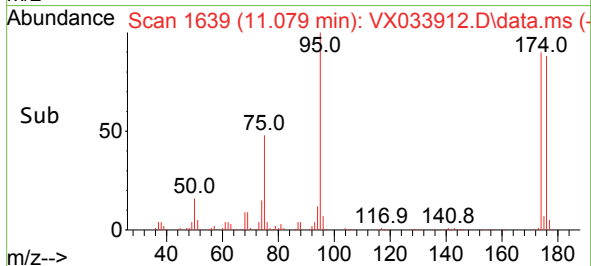
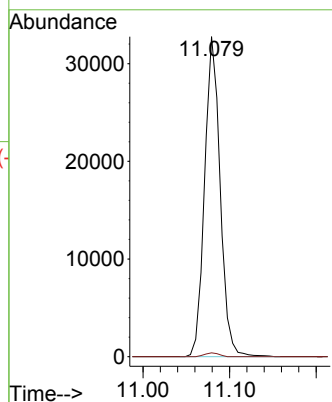
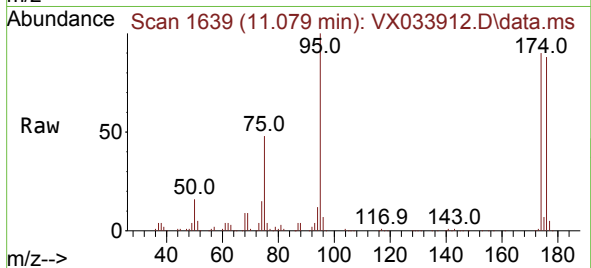
22-MW-011

Tgt Ion: 75 Resp: 40845

Ion Ratio Lower Upper

75 100

77 1.1 21.8 65.4#



#79

2-Chlorotoluene

Concen: Below Cal

RT: 11.311 min Scan# 1677

Delta R.T. -0.055 min

Lab File: VX033912.D

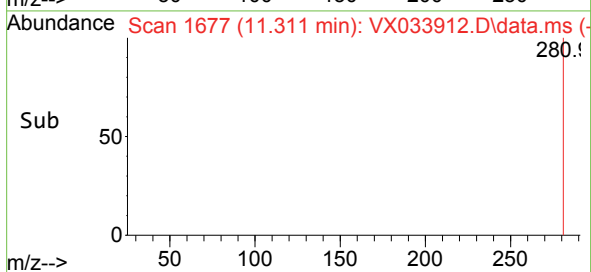
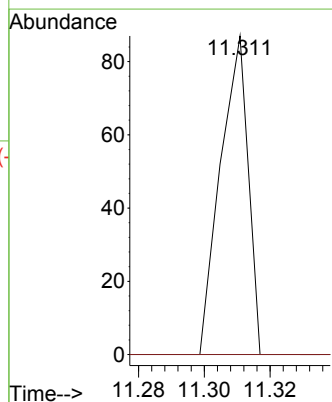
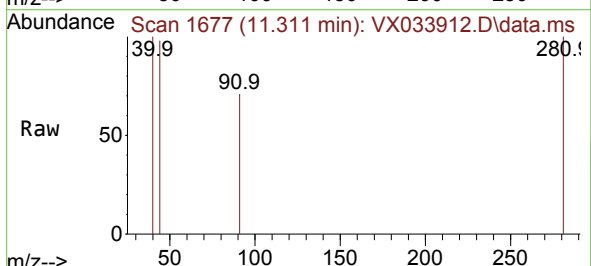
Acq: 26 Jan 2023 16:19

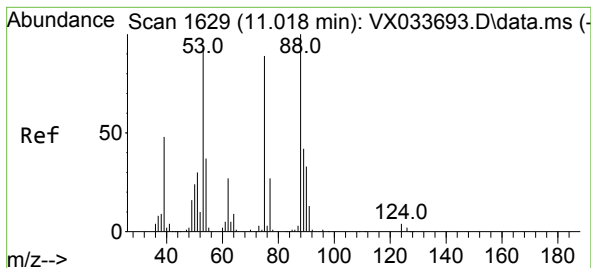
Tgt Ion: 91 Resp: 51

Ion Ratio Lower Upper

91 100

126 0.0 18.1 54.1#

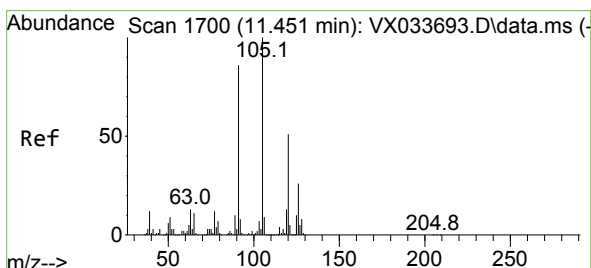
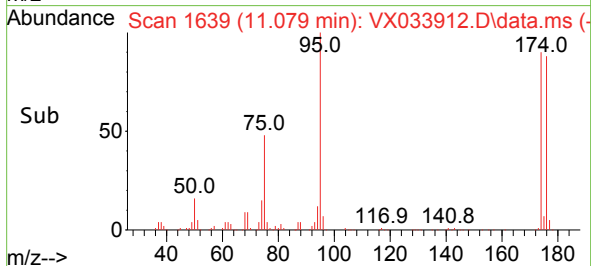
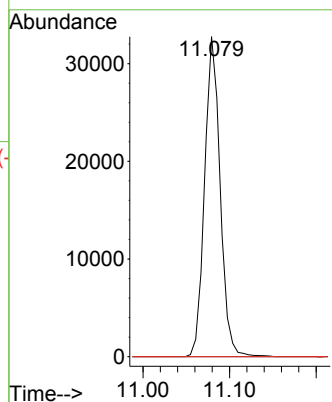
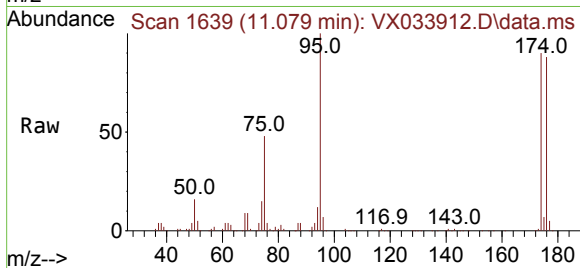




#81
trans-1,4-Dichloro-2-butene
Concen: 75.983 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX033912.D
Acq: 26 Jan 2023 16:19

Instrument :
MSVOA_X
ClientSampleId :
22-MW-011

Tgt Ion: 75 Resp: 40845
Ion Ratio Lower Upper
75 100
53 0.0 83.0 124.6#
89 0.0 37.7 56.5#



#82
4-Chlorotoluene
Concen: Below Cal
RT: 11.311 min Scan# 1677
Delta R.T. -0.140 min
Lab File: VX033912.D
Acq: 26 Jan 2023 16:19

Tgt Ion: 91 Resp: 51
Ion Ratio Lower Upper
91 100
126 0.0 15.8 47.4#

