

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121223\
 Data File : VX039156.D
 Acq On : 12 Dec 2023 11:01
 Operator : JC/MD
 Sample : VX1212WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 13 04:13:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111623W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 16 22:59:22 2023
 Response via : Initial Calibration

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

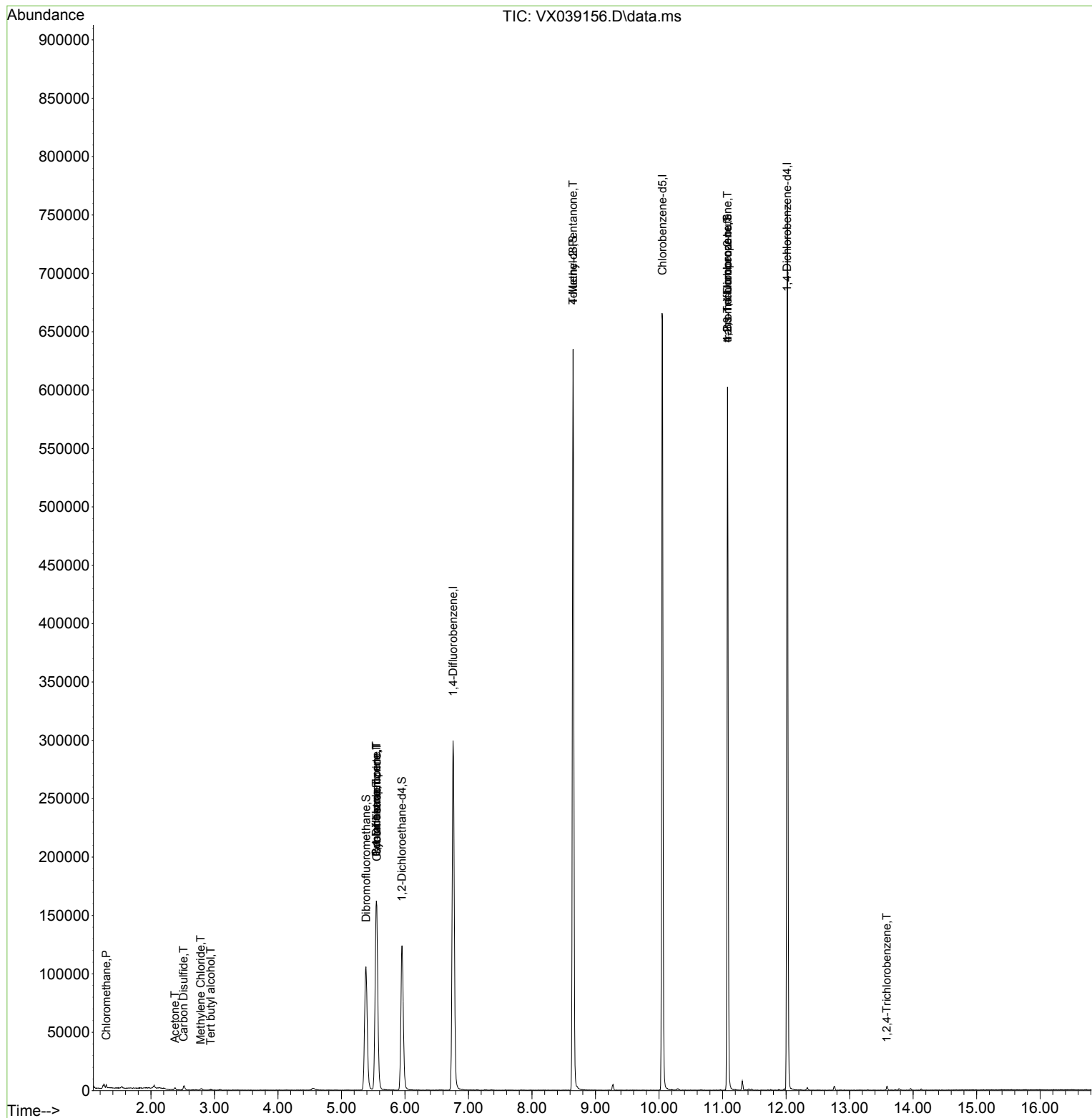
Internal Standards						
1) Pentafluorobenzene	5.550	168	144487	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	293503	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	294789	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	142596	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	120773	51.874	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 103.740%		
35) Dibromofluoromethane	5.385	113	94944	44.790	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 89.580%		
50) Toluene-d8	8.647	98	367931	45.366	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 90.740%#		
62) 4-Bromofluorobenzene	11.079	95	162731	50.124	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 100.240%		
Target Compounds						
						Qvalue
3) Chloromethane	1.294	50	1587	0.721	ug/l	91
11) Tert butyl alcohol	2.940	59	476	0.735	ug/l #	78
16) Acetone	2.380	43	1605	1.295	ug/l	92
17) Carbon Disulfide	2.514	76	1588	0.285	ug/l #	90
20) Methylene Chloride	2.782	84	606	0.271	ug/l #	81
31) Cyclohexane	5.550	56	4187	1.260	ug/l #	6
36) 1,1-Dichloropropene	5.550	75	13825	4.551	ug/l #	46
38) Carbon Tetrachloride	5.556	117	16750	5.965	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	2137	0.529	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	89472	25.149	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	89472	55.782	ug/l #	5
93) 1,2,4-Trichlorobenzene	13.585	180	1034	0.333	ug/l	95

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

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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

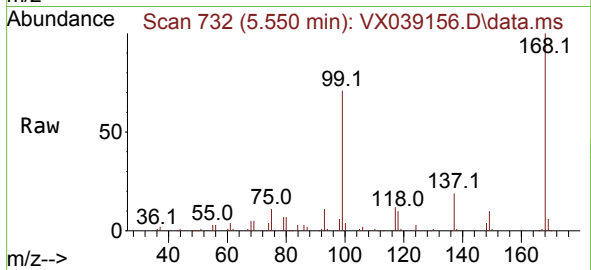
Quant Time: Dec 13 04:13:11 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111623W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 16 22:59:22 2023
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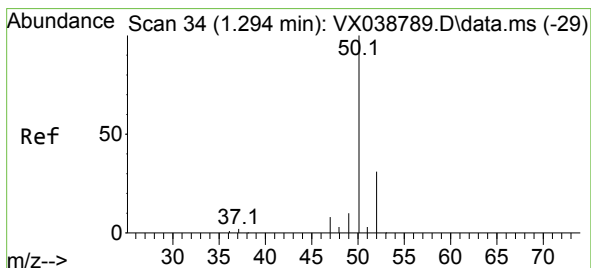
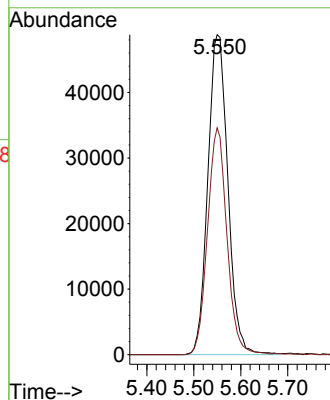
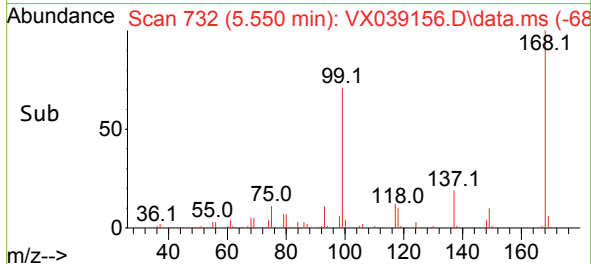


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX039156.D
Acq: 12 Dec 2023 11:01

Instrument :
MSVOA_X
ClientSampleId :

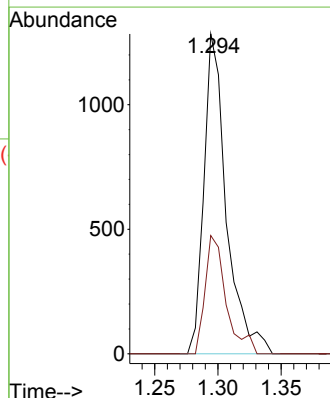
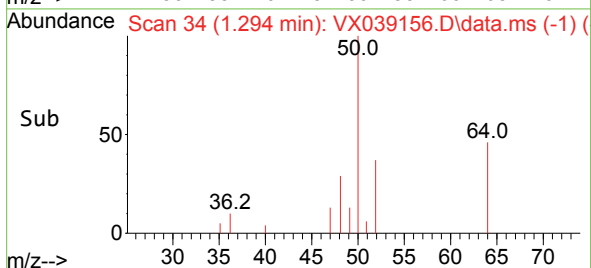
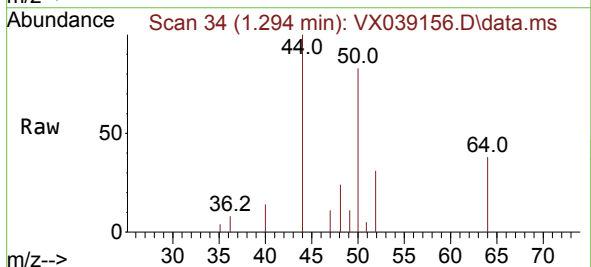


Tgt Ion:168 Resp: 144487
Ion Ratio Lower Upper
168 100
99 70.9 56.6 85.0



#3
Chloromethane
Concen: 0.721 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX039156.D
Acq: 12 Dec 2023 11:01

Tgt Ion: 50 Resp: 1587
Ion Ratio Lower Upper
50 100
52 37.0 25.5 38.3





#11

Tert butyl alcohol

Concen: 0.735 ug/l

RT: 2.940 min Scan# 306

Delta R.T. -0.012 min

Lab File: VX039156.D

Acq: 12 Dec 2023 11:01

Instrument :

MSVOA_X

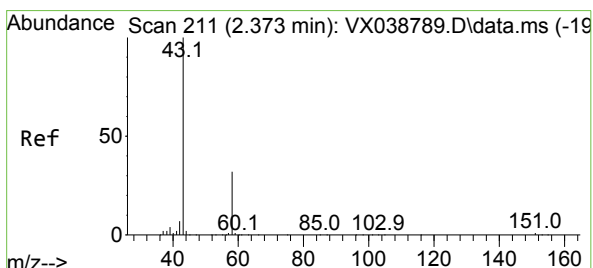
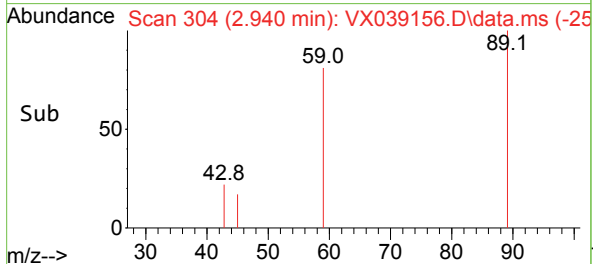
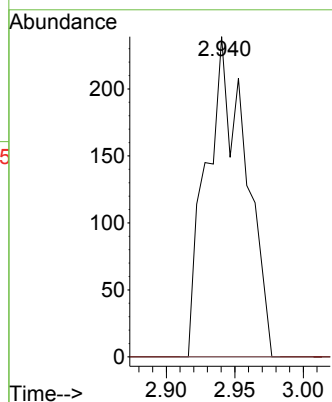
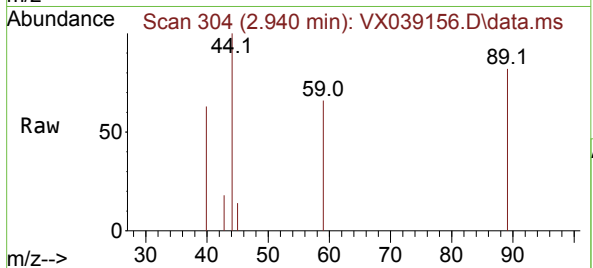
ClientSampleId :

Tgt Ion: 59 Resp: 476

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#16

Acetone

Concen: 1.295 ug/l

RT: 2.380 min Scan# 212

Delta R.T. 0.006 min

Lab File: VX039156.D

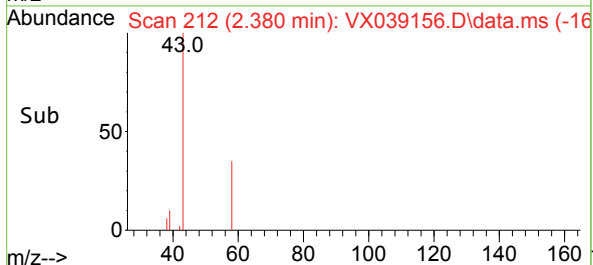
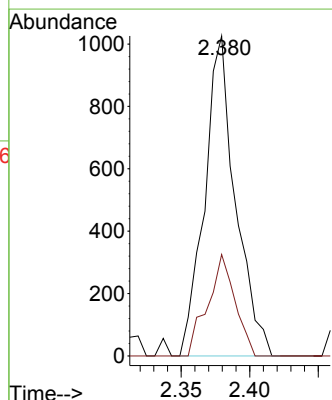
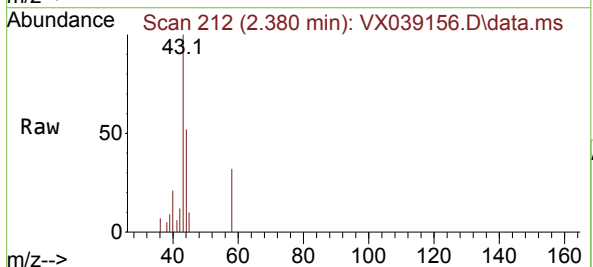
Acq: 12 Dec 2023 11:01

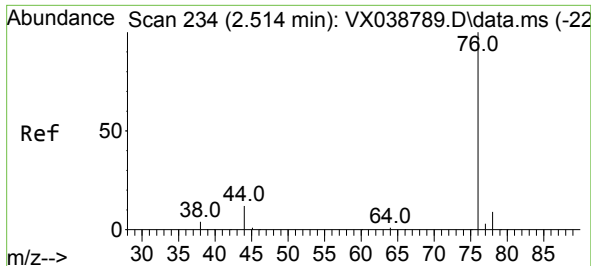
Tgt Ion: 43 Resp: 1605

Ion Ratio Lower Upper

43 100

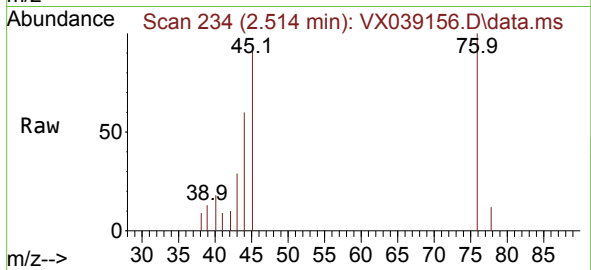
58 31.7 21.9 32.9



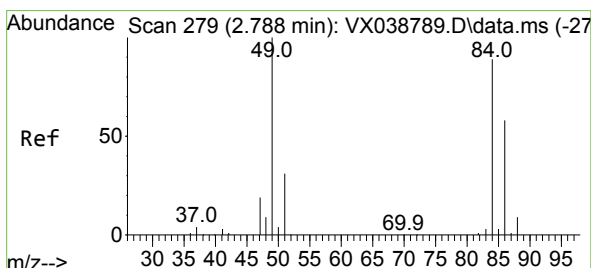
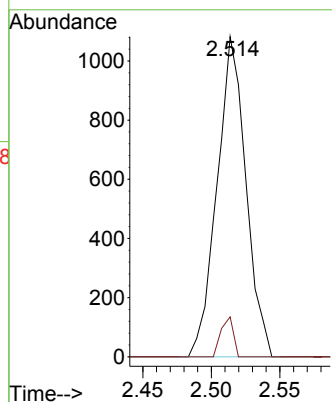
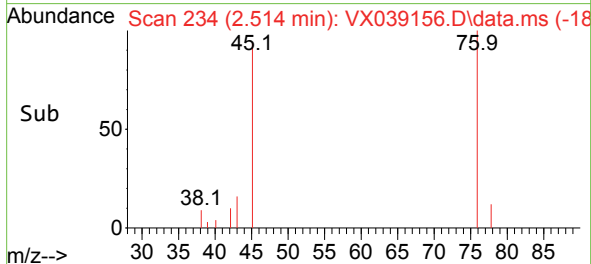


#17
Carbon Disulfide
Concen: 0.285 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX039156.D
Acq: 12 Dec 2023 11:01

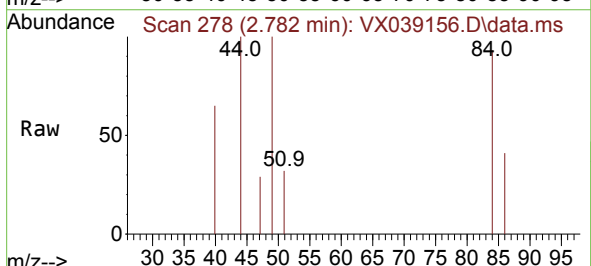
Instrument :
MSVOA_X
ClientSampleId :



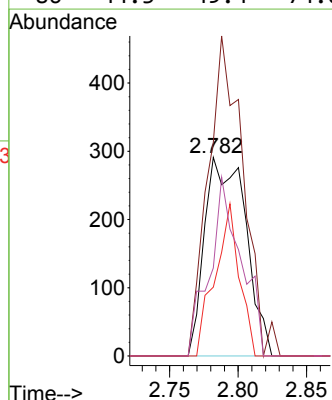
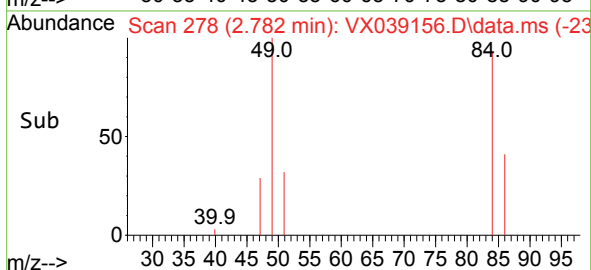
Tgt Ion: 76 Resp: 1588
Ion Ratio Lower Upper
76 100
78 12.5 7.0 10.6#

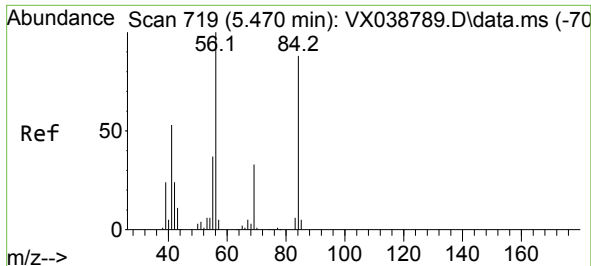


#20
Methylene Chloride
Concen: 0.271 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX039156.D
Acq: 12 Dec 2023 11:01



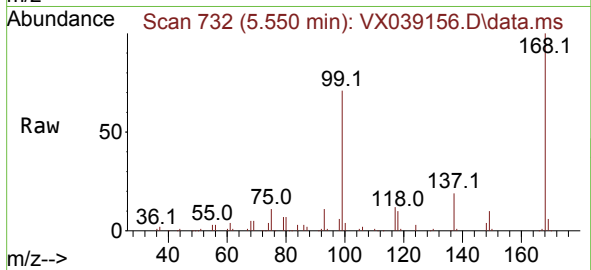
Tgt Ion: 84 Resp: 606
Ion Ratio Lower Upper
84 100
49 107.6 103.6 155.4
51 34.7 33.8 50.6
86 44.3 49.4 74.0#



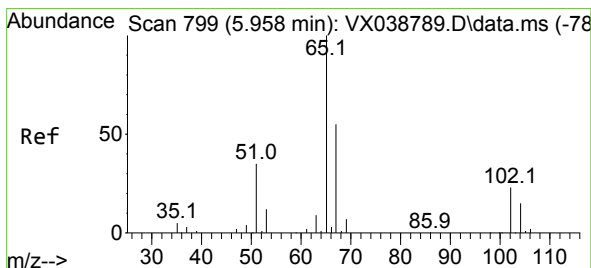
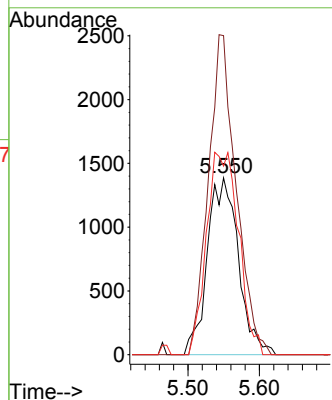
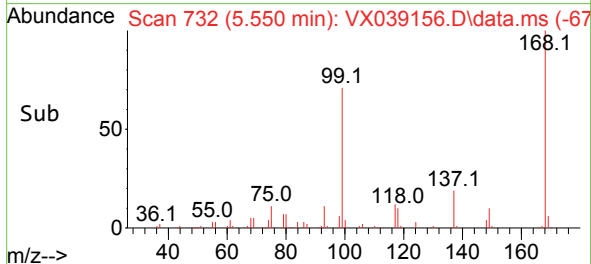


#31
Cyclohexane
Concen: 1.260 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX039156.D
Acq: 12 Dec 2023 11:01

Instrument :
MSVOA_X
ClientSampleId :

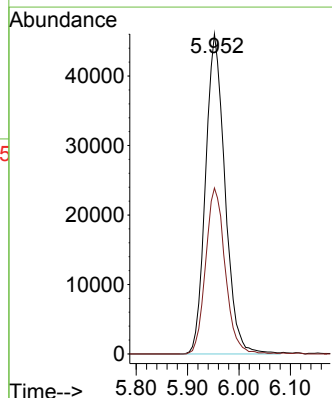
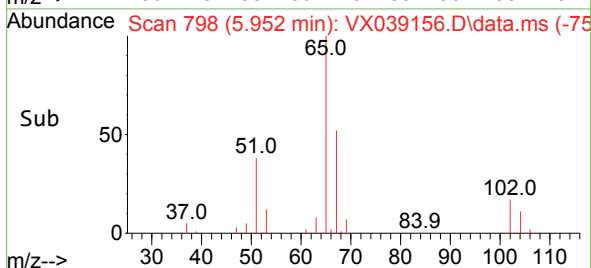
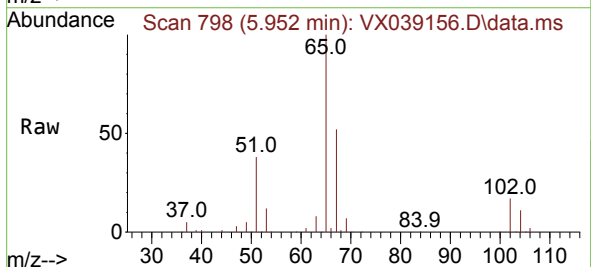


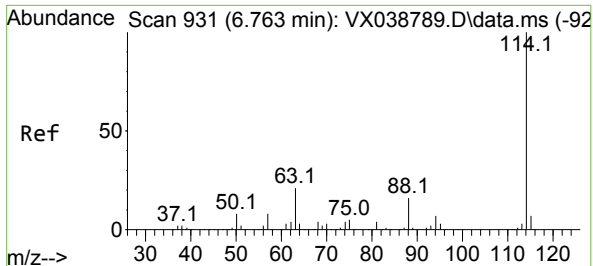
Tgt Ion: 56 Resp: 4187
Ion Ratio Lower Upper
56 100
69 180.4 23.4 35.2#
84 106.7 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 51.874 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX039156.D
Acq: 12 Dec 2023 11:01

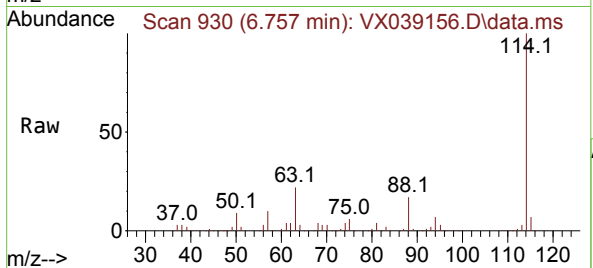
Tgt Ion: 65 Resp: 120773
Ion Ratio Lower Upper
65 100
67 52.2 0.0 100.2



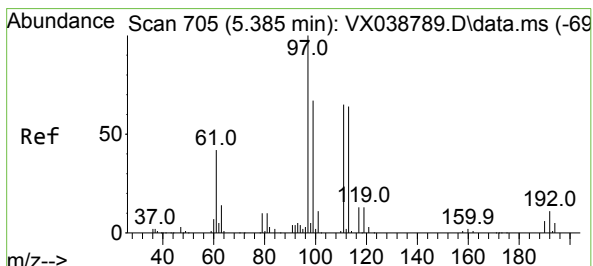
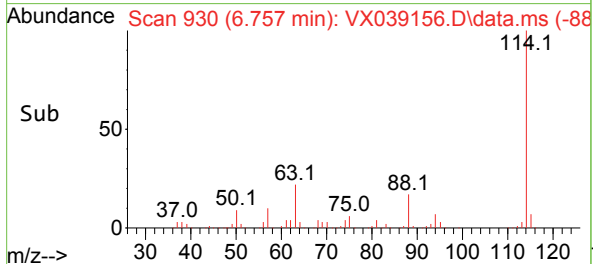
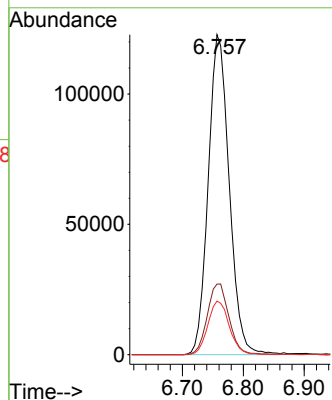


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX039156.D
Acq: 12 Dec 2023 11:01

Instrument :
MSVOA_X
ClientSampleId :

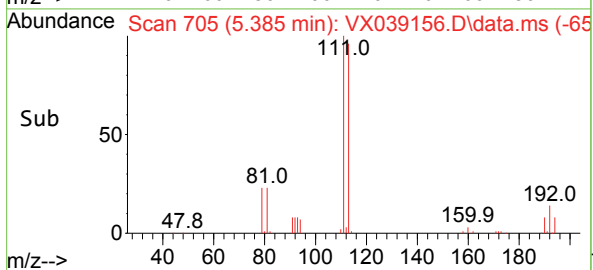
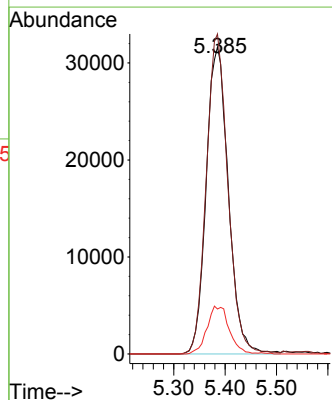
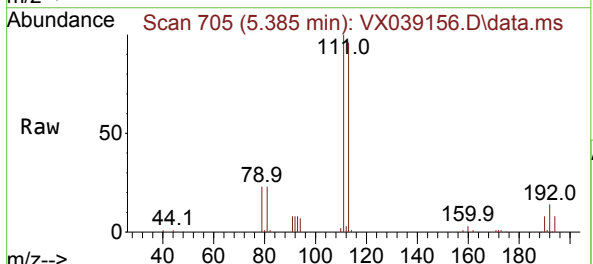


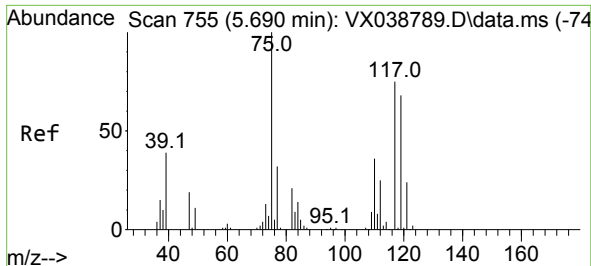
Tgt Ion:114 Resp: 293503
Ion Ratio Lower Upper
114 100
63 22.1 0.0 45.0
88 16.8 0.0 36.6



#35
Dibromofluoromethane
Concen: 44.790 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX039156.D
Acq: 12 Dec 2023 11:01

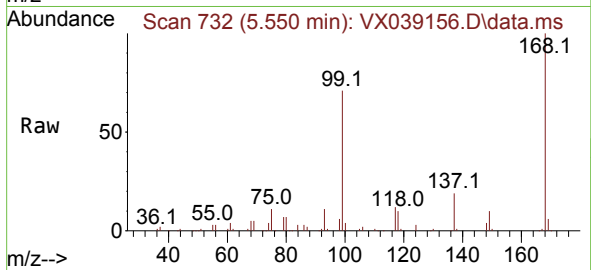
Tgt Ion:113 Resp: 94944
Ion Ratio Lower Upper
113 100
111 101.5 82.9 124.3
192 15.6 13.3 19.9



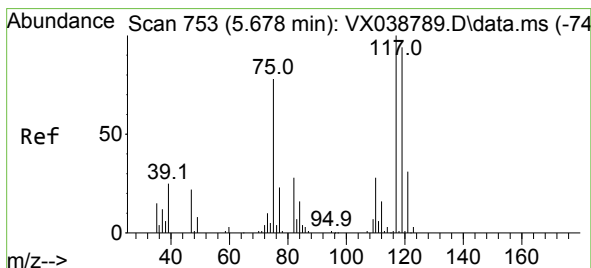
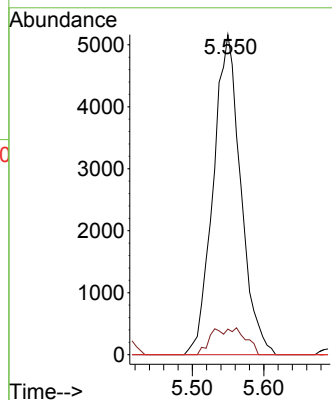
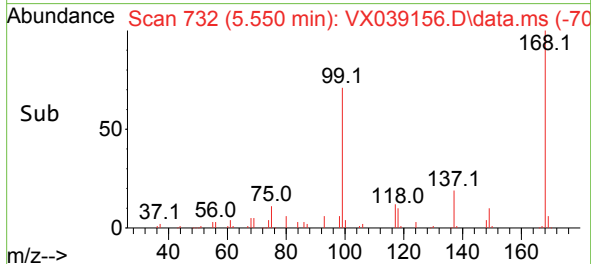


#36
1,1-Dichloropropene
Concen: 4.551 ug/l
RT: 5.550 min Scan# 713
Delta R.T. -0.140 min
Lab File: VX039156.D
Acq: 12 Dec 2023 11:01

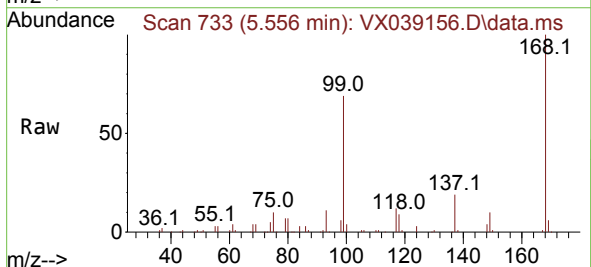
Instrument :
MSVOA_X
ClientSampleId :



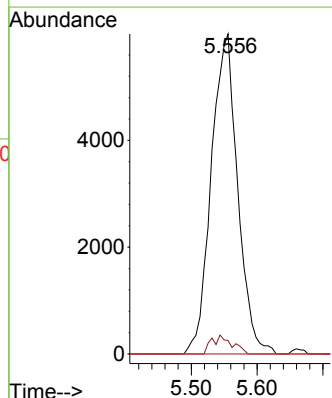
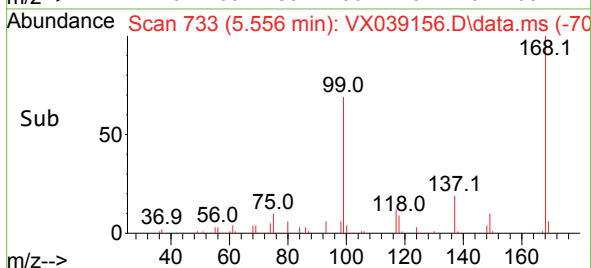
Tgt Ion: 75 Resp: 13825
Ion Ratio Lower Upper
75 100
110 4.4 17.0 50.9#
77 0.0 24.7 37.1#

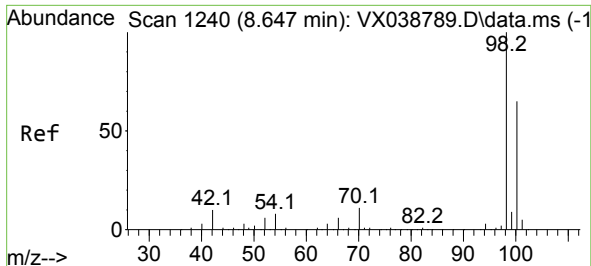


#38
Carbon Tetrachloride
Concen: 5.965 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX039156.D
Acq: 12 Dec 2023 11:01



Tgt Ion: 117 Resp: 16750
Ion Ratio Lower Upper
117 100
119 4.2 78.2 117.2#
121 0.0 24.4 36.6#

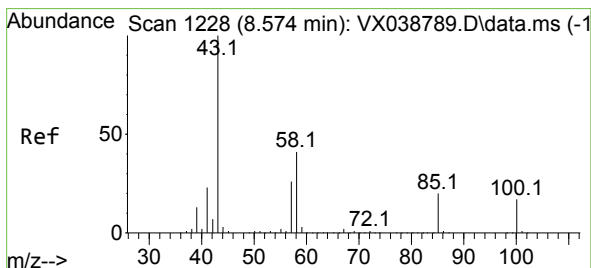
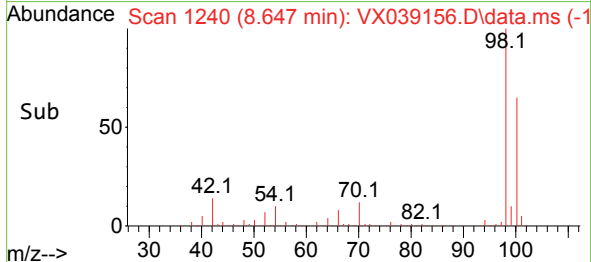
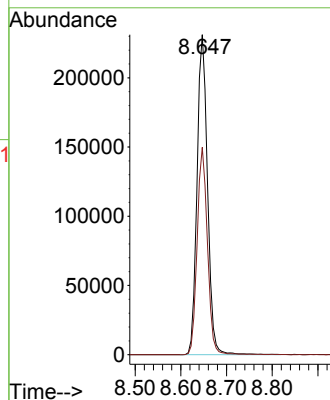
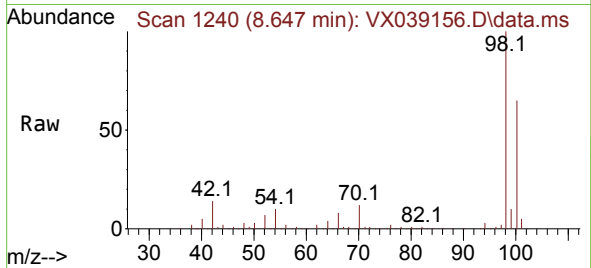




#50
Toluene-d8
Concen: 45.366 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX039156.D
Acq: 12 Dec 2023 11:01

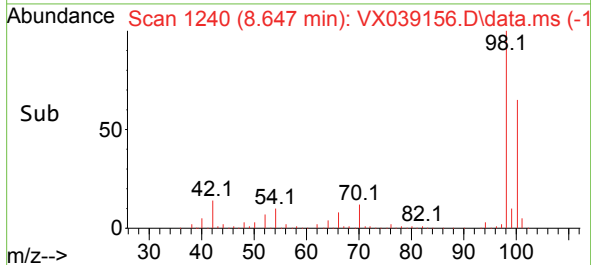
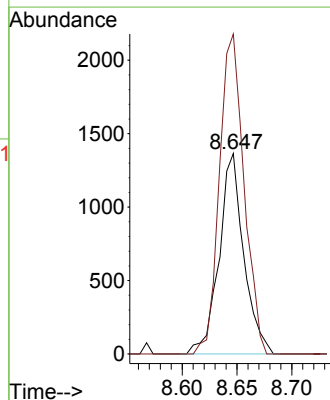
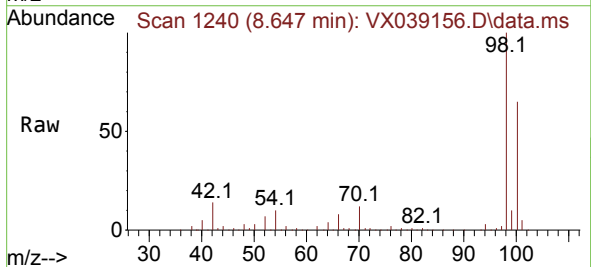
Instrument :
MSVOA_X
ClientSampleId :

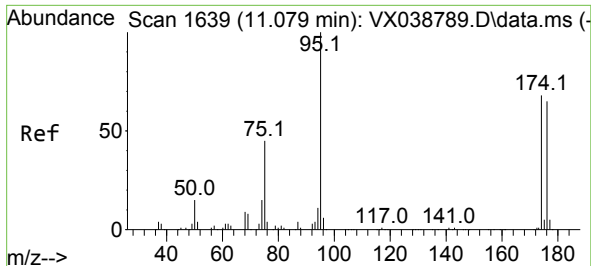
Tgt Ion: 98 Resp: 367931
Ion Ratio Lower Upper
98 100
100 63.6 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.529 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX039156.D
Acq: 12 Dec 2023 11:01

Tgt Ion: 43 Resp: 2137
Ion Ratio Lower Upper
43 100
58 159.1 30.4 45.6#

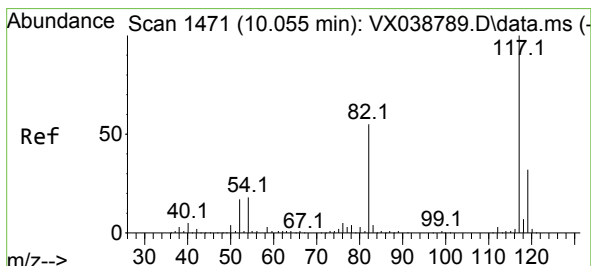
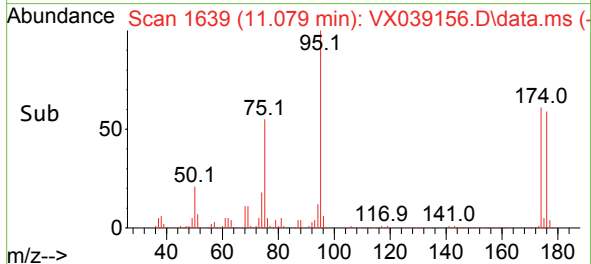
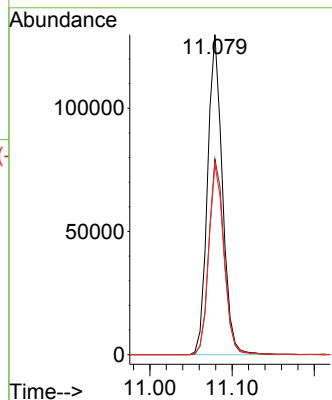
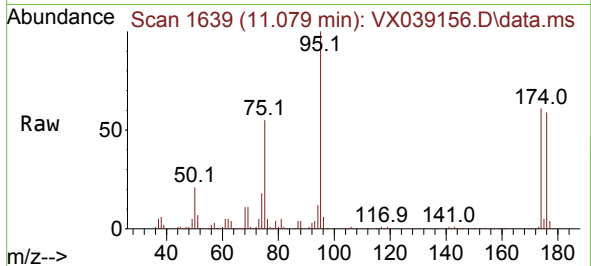




#62
4-Bromofluorobenzene
Concen: 50.124 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX039156.D
Acq: 12 Dec 2023 11:01

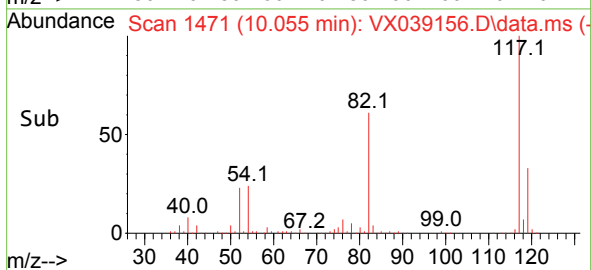
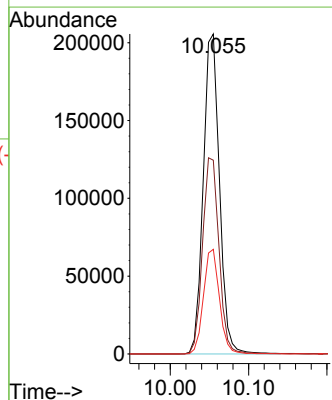
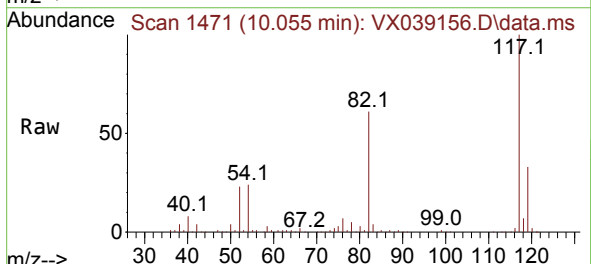
Instrument :
MSVOA_X
ClientSampleId :

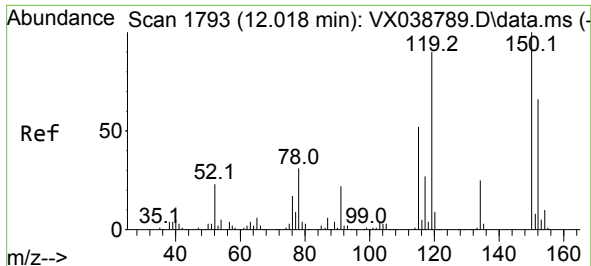
Tgt Ion: 95 Resp: 162731
Ion Ratio Lower Upper
95 100
174 62.3 0.0 135.6
176 60.6 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX039156.D
Acq: 12 Dec 2023 11:01

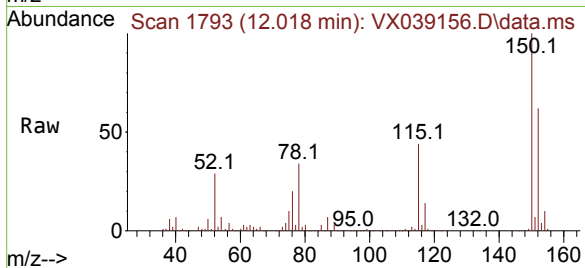
Tgt Ion: 117 Resp: 294789
Ion Ratio Lower Upper
117 100
82 60.6 46.2 69.4
119 32.7 25.5 38.3



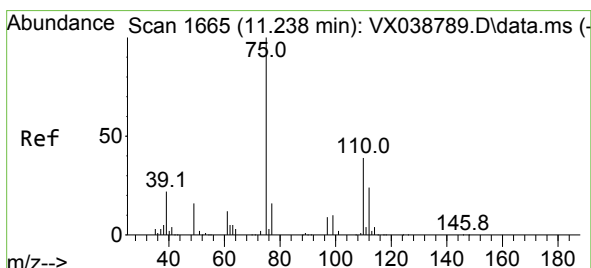
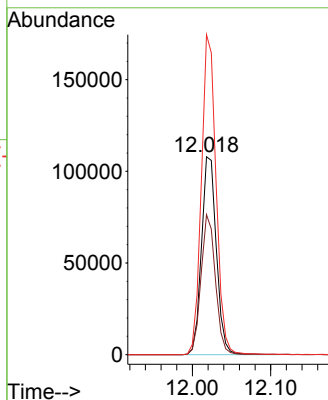
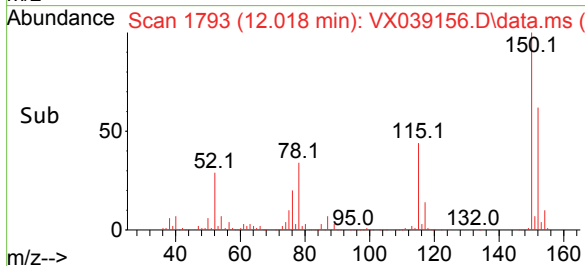


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 1
 Delta R.T. -0.000 min
 Lab File: VX039156.D
 Acq: 12 Dec 2023 11:01

Instrument :
 MSVOA_X
 ClientSampleId :

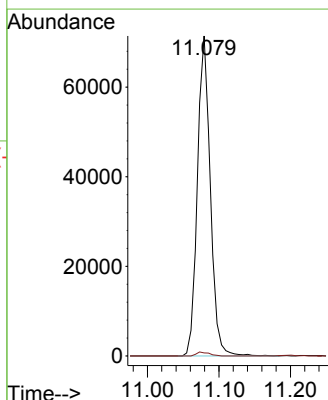
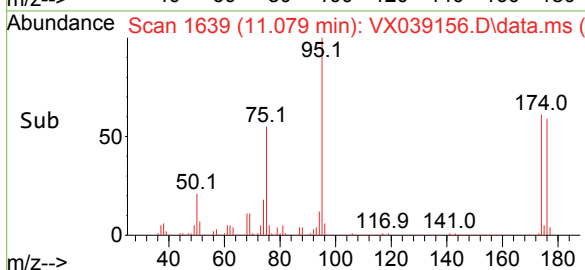
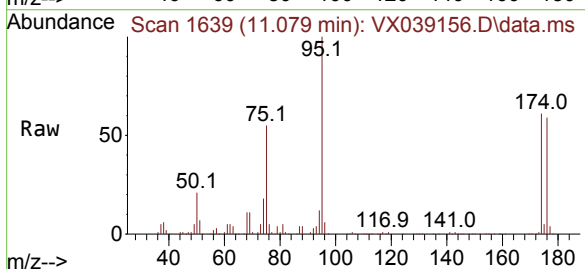


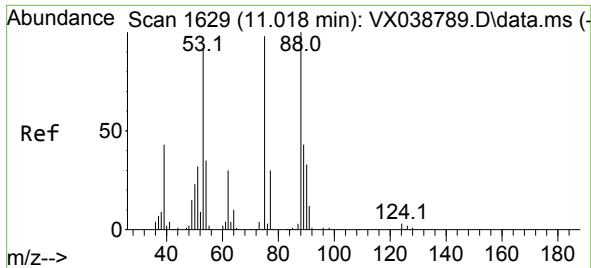
Tgt Ion:152 Resp: 142596
 Ion Ratio Lower Upper
 152 100
 115 68.4 43.3 129.9
 150 159.6 0.0 345.0



#76
 1,2,3-Trichloropropane
 Concen: 25.149 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX039156.D
 Acq: 12 Dec 2023 11:01

Tgt Ion: 75 Resp: 89472
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.1 57.5#

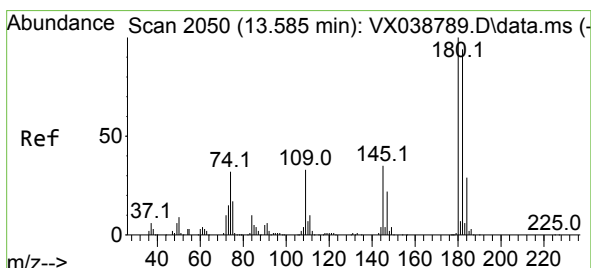
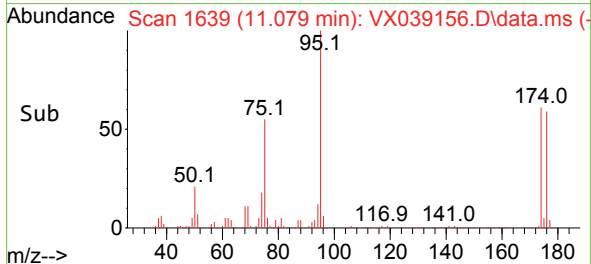
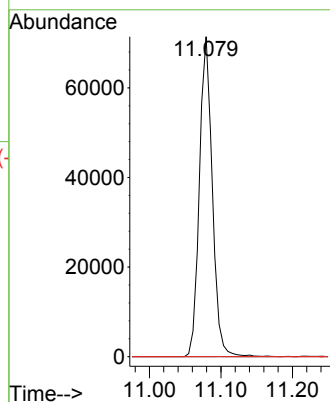
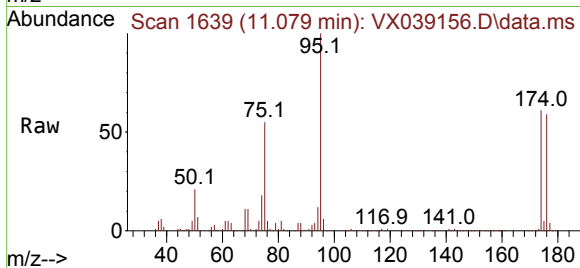




#81
trans-1,4-Dichloro-2-butene
Concen: 55.782 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX039156.D
Acq: 12 Dec 2023 11:01

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 89472
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#93
1,2,4-Trichlorobenzene
Concen: 0.333 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX039156.D
Acq: 12 Dec 2023 11:01

Tgt Ion:180 Resp: 1034
Ion Ratio Lower Upper
180 100
182 92.2 48.3 144.8
145 32.9 18.0 54.0

