

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122223\
 Data File : VX039448.D
 Acq On : 22 Dec 2023 18:21
 Operator : JC/MD
 Sample : 05975-01RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 23 06:28:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 01:28:15 2023
 Response via : Initial Calibration

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

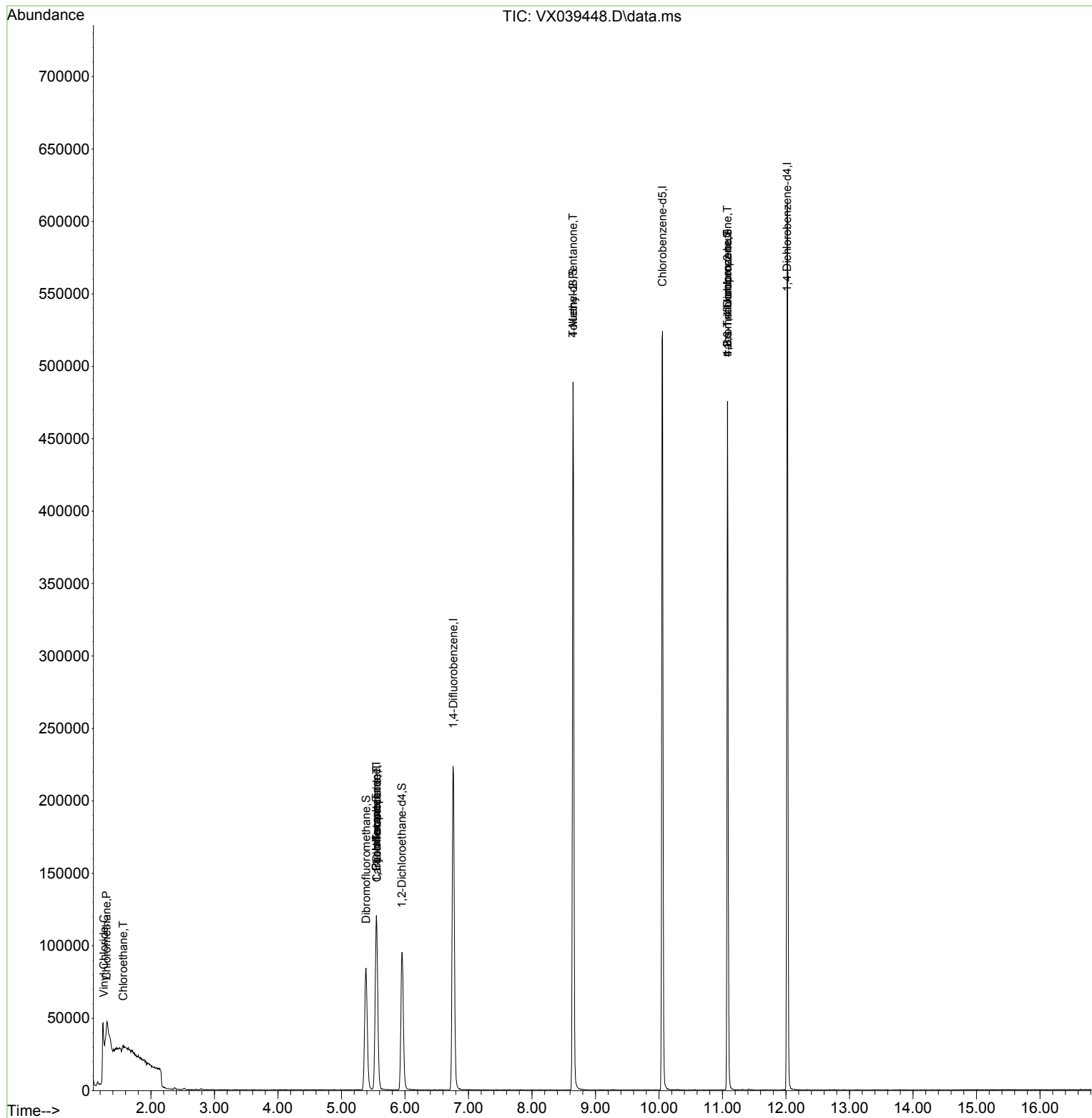
Internal Standards						
1) Pentafluorobenzene	5.550	168	102193	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	218905	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	228027	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	115106	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	92636	49.482	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	98.960%		
35) Dibromofluoromethane	5.385	113	73625	48.684	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.360%		
50) Toluene-d8	8.647	98	279118	49.714	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.420%		
62) 4-Bromofluorobenzene	11.079	95	123495	53.311	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	106.620%		
Target Compounds						
					Qvalue	
3) Chloromethane	1.301	50	2212	1.389	ug/l #	43
4) Vinyl Chloride	1.258	62	476	0.321	ug/l #	43
6) Chloroethane	1.563	64	7563	8.476	ug/l #	52
16) Acetone	2.380	43	1131	Below Cal	#	73
31) Cyclohexane	5.550	56	3072	1.270	ug/l #	6
36) 1,1-Dichloropropene	5.556	75	10063	4.217	ug/l #	51
38) Carbon Tetrachloride	5.556	117	12079	5.304	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	1501	0.491	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	69304	23.272	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	69304	65.650	ug/l #	5

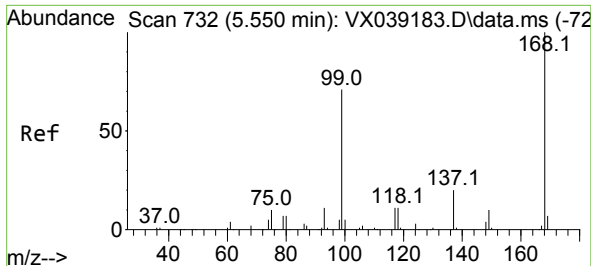
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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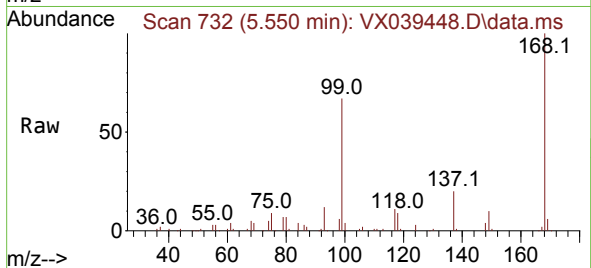
Quant Time: Dec 23 06:28:44 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 14 01:28:15 2023
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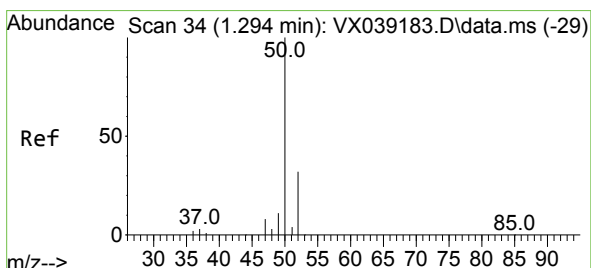
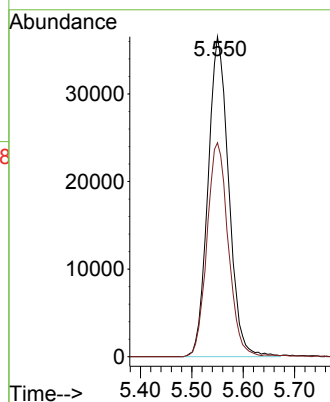
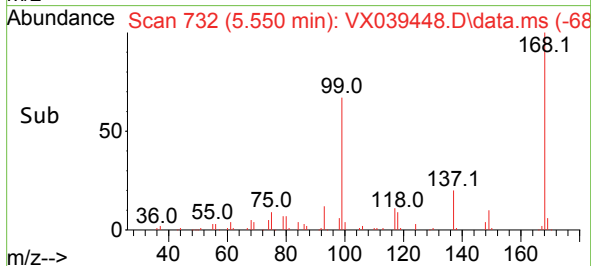


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX039448.D
Acq: 22 Dec 2023 18:21

Instrument :
MSVOA_X
ClientSampleId :

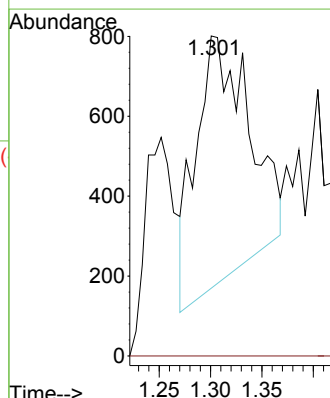
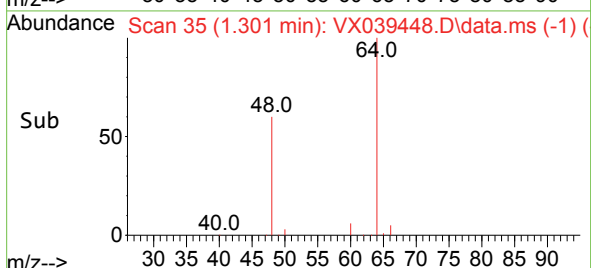
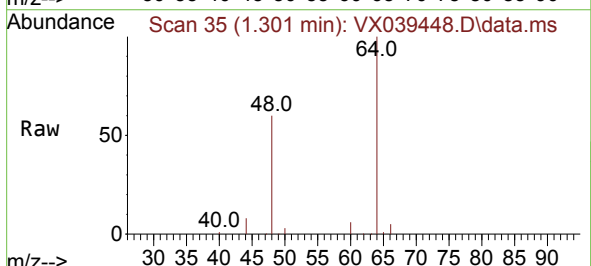


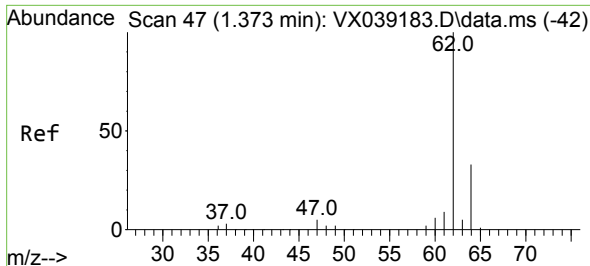
Tgt Ion:168 Resp: 102193
Ion Ratio Lower Upper
168 100
99 66.9 56.6 85.0



#3
Chloromethane
Concen: 1.389 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.006 min
Lab File: VX039448.D
Acq: 22 Dec 2023 18:21

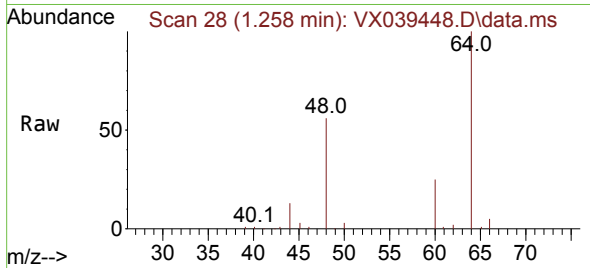
Tgt Ion: 50 Resp: 2212
Ion Ratio Lower Upper
50 100
52 0.0 25.5 38.3#



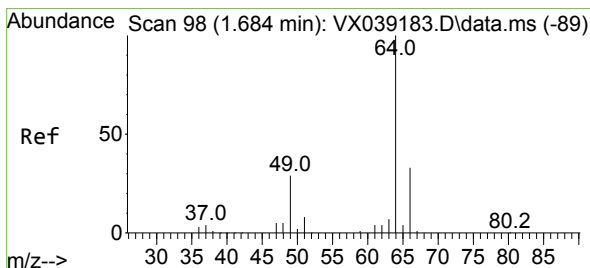
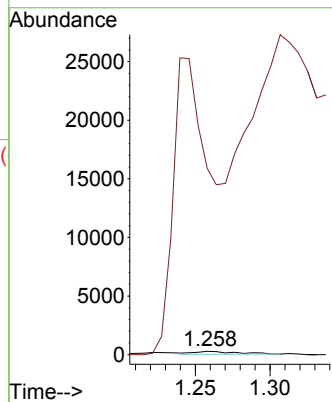
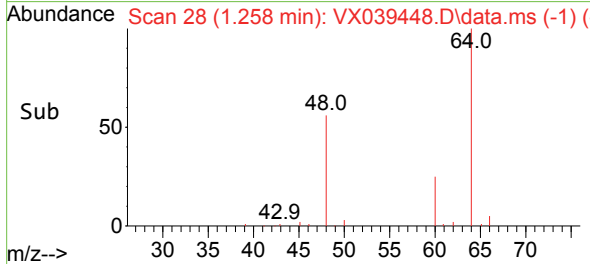


#4
 Vinyl Chloride
 Concen: 0.321 ug/l
 RT: 1.258 min Scan# 21
 Delta R.T. -0.115 min
 Lab File: VX039448.D
 Acq: 22 Dec 2023 18:21

Instrument :
 MSVOA_X
 ClientSampleId :

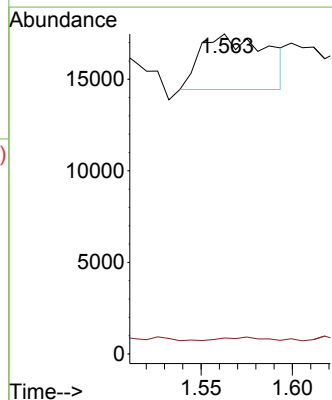
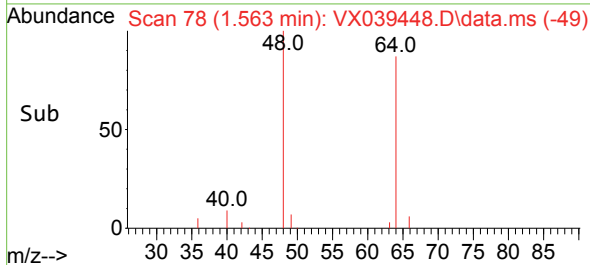
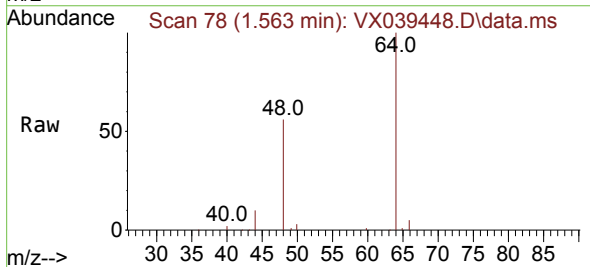


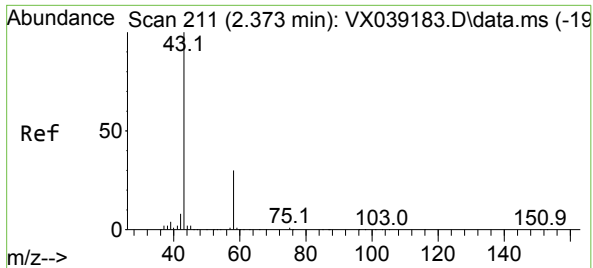
Tgt Ion: 62 Resp: 476
 Ion Ratio Lower Upper
 62 100
 64 0.0 25.4 38.0#



#6
 Chloroethane
 Concen: 8.476 ug/l
 RT: 1.563 min Scan# 78
 Delta R.T. -0.122 min
 Lab File: VX039448.D
 Acq: 22 Dec 2023 18:21

Tgt Ion: 64 Resp: 7563
 Ion Ratio Lower Upper
 64 100
 66 5.1 25.1 37.7#

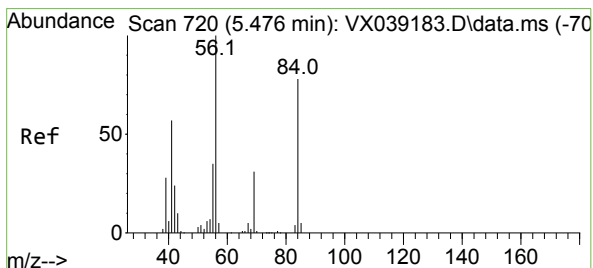
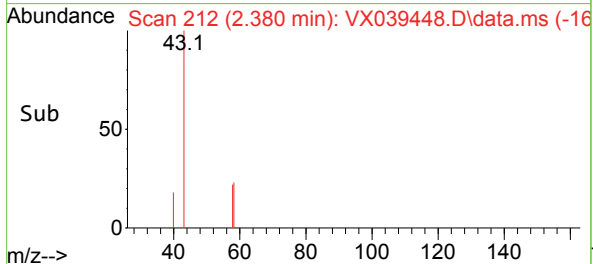
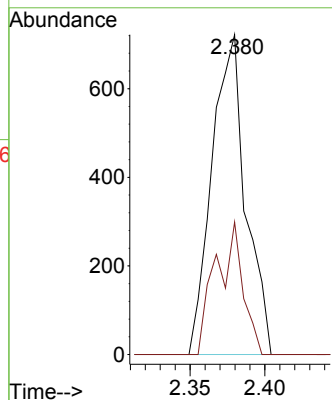
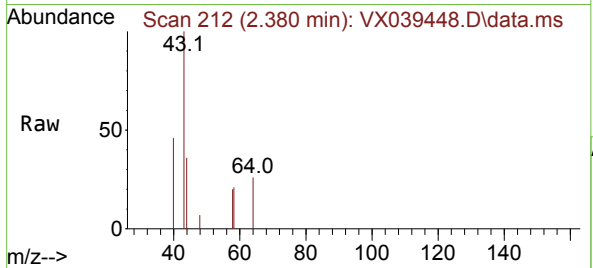




#16
Acetone
Concen: Below Cal
RT: 2.380 min Scan# 211
Delta R.T. 0.007 min
Lab File: VX039448.D
Acq: 22 Dec 2023 18:21

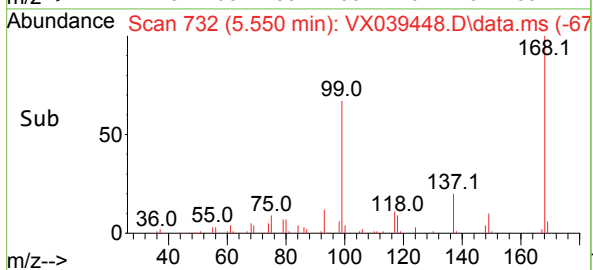
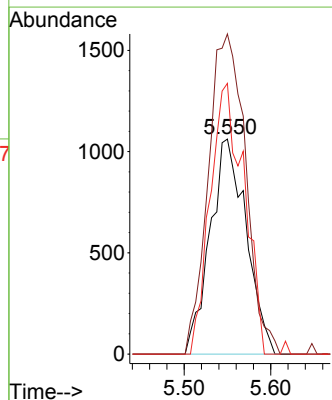
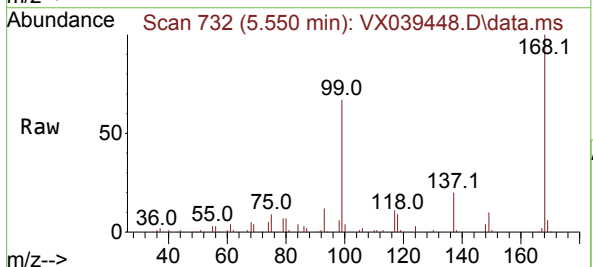
Instrument :
MSVOA_X
ClientSampleId :

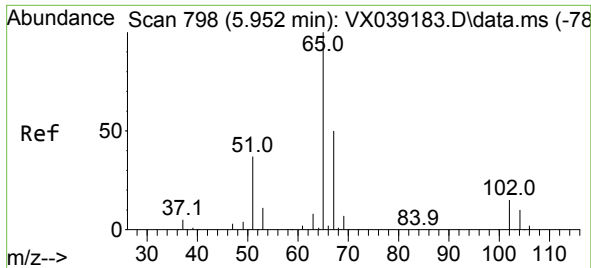
Tgt Ion: 43 Resp: 1131
Ion Ratio Lower Upper
43 100
58 41.4 21.9 32.9#



#31
Cyclohexane
Concen: 1.270 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.074 min
Lab File: VX039448.D
Acq: 22 Dec 2023 18:21

Tgt Ion: 56 Resp: 3072
Ion Ratio Lower Upper
56 100
69 148.9 23.4 35.2#
84 125.9 65.9 98.9#

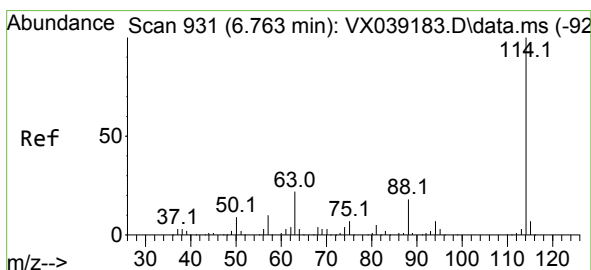
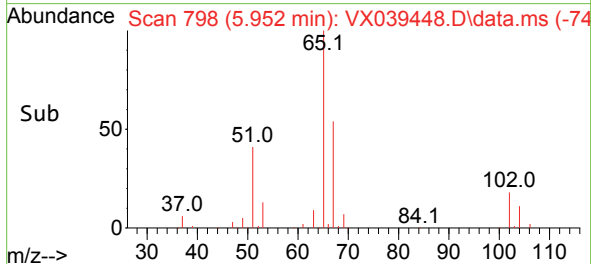
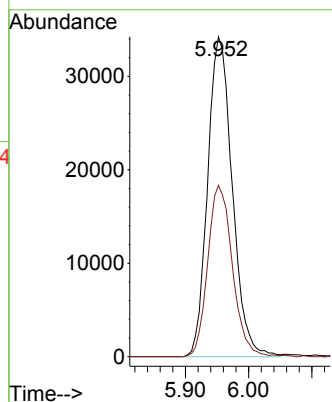
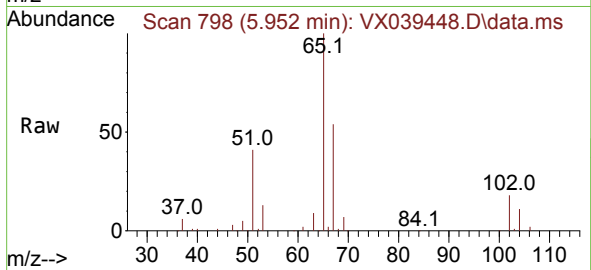




#33
 1,2-Dichloroethane-d4
 Concen: 49.482 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. 0.000 min
 Lab File: VX039448.D
 Acq: 22 Dec 2023 18:21

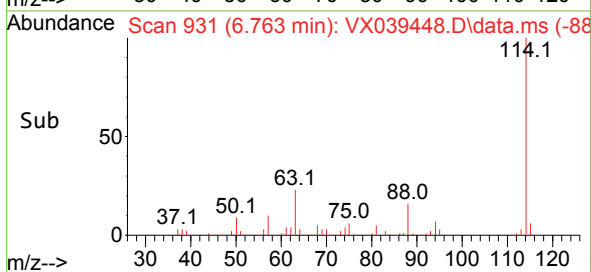
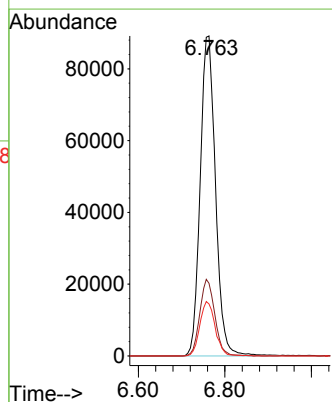
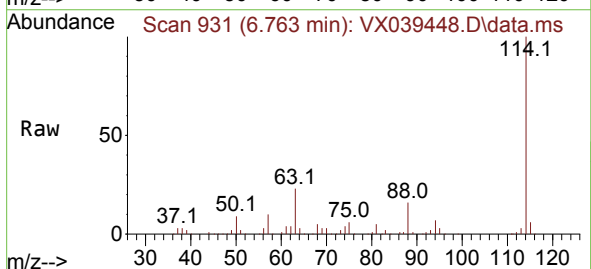
Instrument :
 MSVOA_X
 ClientSampleId :

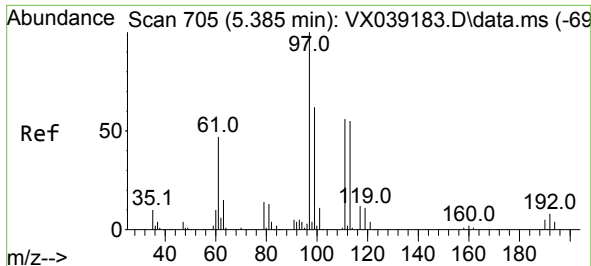
Tgt Ion: 65 Resp: 92636
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX039448.D
 Acq: 22 Dec 2023 18:21

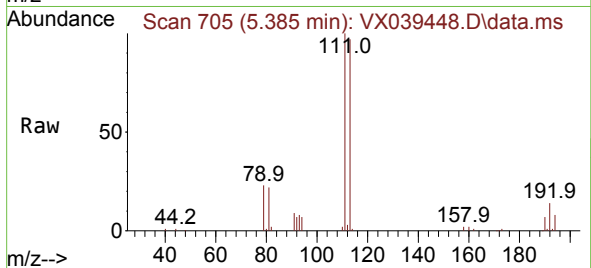
Tgt Ion: 114 Resp: 218905
 Ion Ratio Lower Upper
 114 100
 63 22.7 0.0 45.0
 88 16.3 0.0 36.6



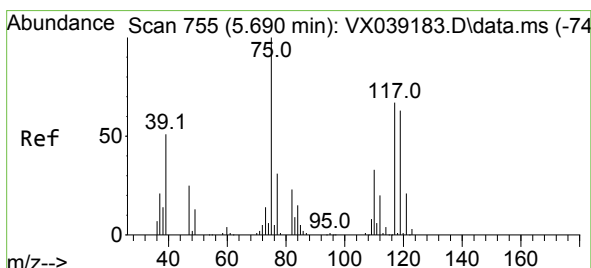
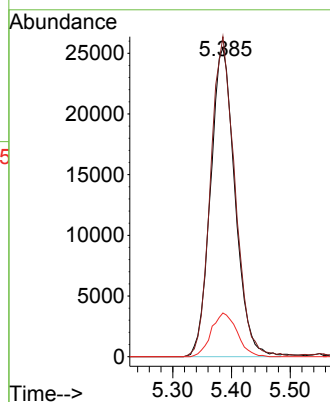
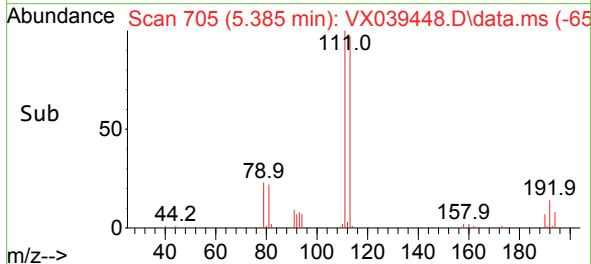


#35
Dibromofluoromethane
Concen: 48.684 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX039448.D
Acq: 22 Dec 2023 18:21

Instrument :
MSVOA_X
ClientSampleId :

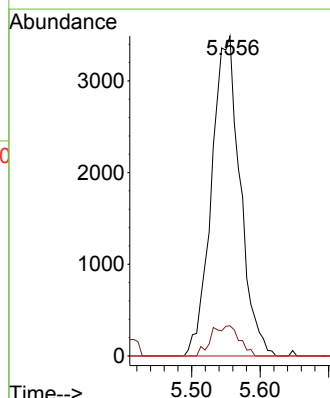
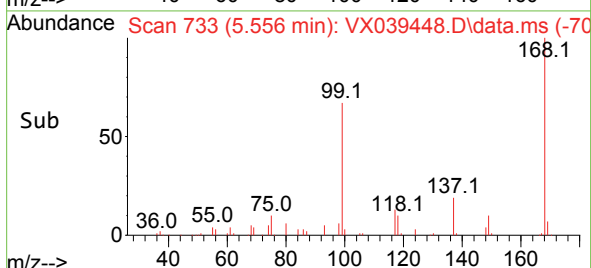
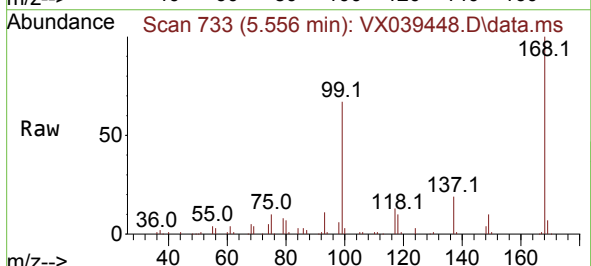


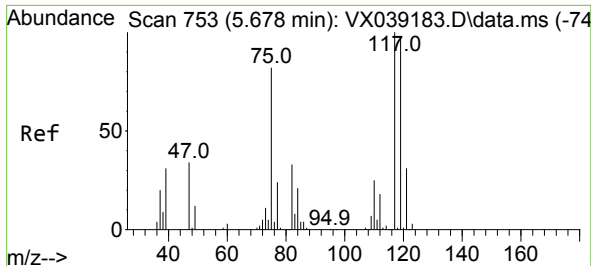
Tgt Ion:113 Resp: 73625
Ion Ratio Lower Upper
113 100
111 103.0 82.9 124.3
192 14.9 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.217 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX039448.D
Acq: 22 Dec 2023 18:21

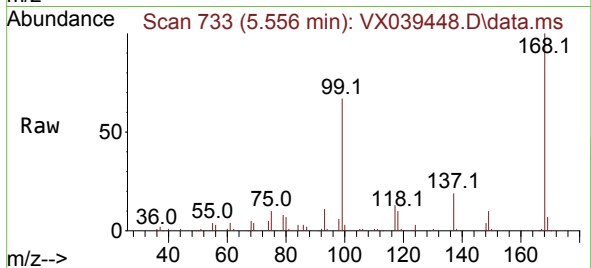
Tgt Ion: 75 Resp: 10063
Ion Ratio Lower Upper
75 100
110 9.3 17.0 50.9#
77 0.0 24.7 37.1#



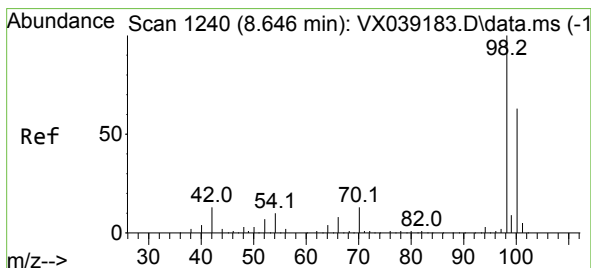
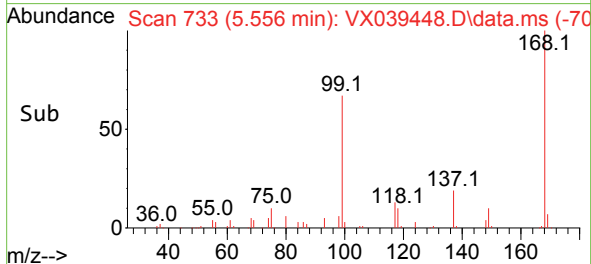
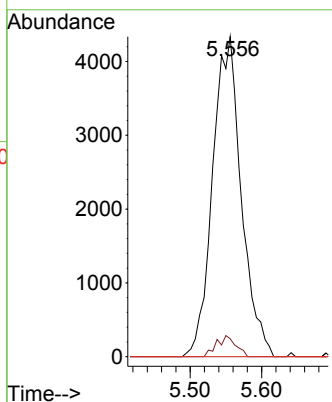


#38
Carbon Tetrachloride
Concen: 5.304 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX039448.D
Acq: 22 Dec 2023 18:21

Instrument :
MSVOA_X
ClientSampleId :

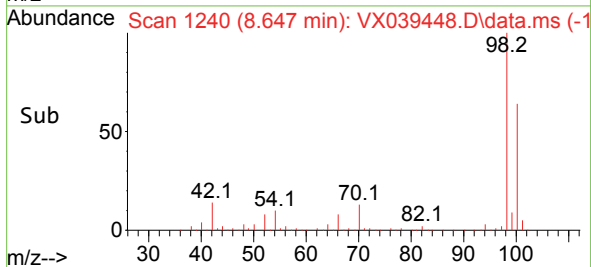
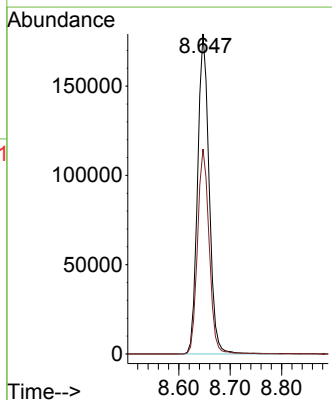
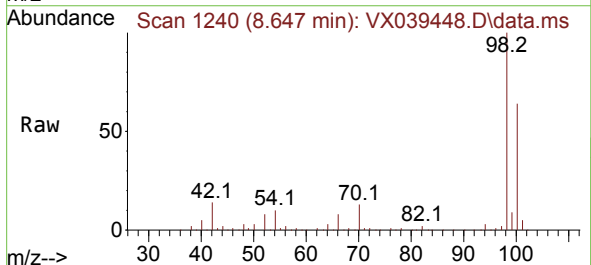


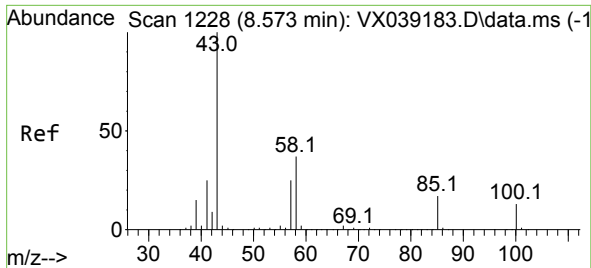
Tgt Ion:117 Resp: 12079
Ion Ratio Lower Upper
117 100
119 5.6 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 49.714 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX039448.D
Acq: 22 Dec 2023 18:21

Tgt Ion: 98 Resp: 279118
Ion Ratio Lower Upper
98 100
100 64.5 53.1 79.7

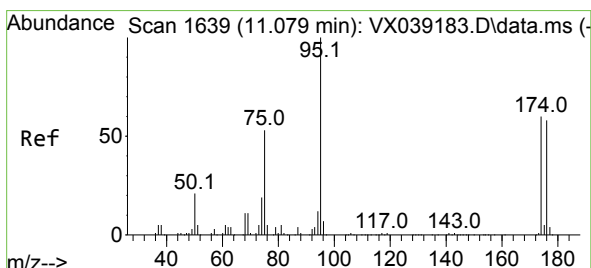
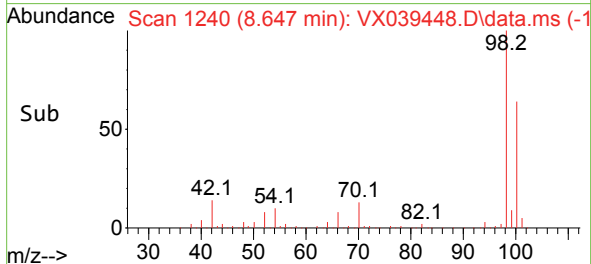
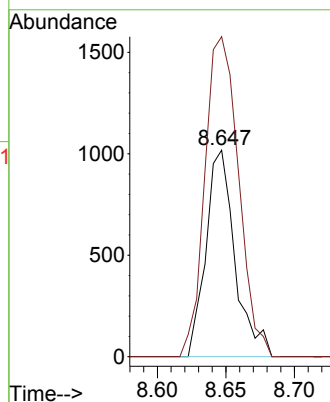
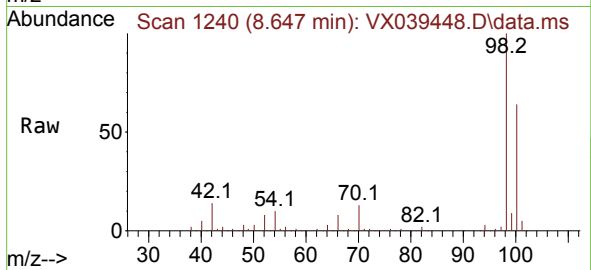




#51
 4-Methyl-2-Pentanone
 Concen: 0.491 ug/l
 RT: 8.647 min Scan# 11
 Delta R.T. 0.074 min
 Lab File: VX039448.D
 Acq: 22 Dec 2023 18:21

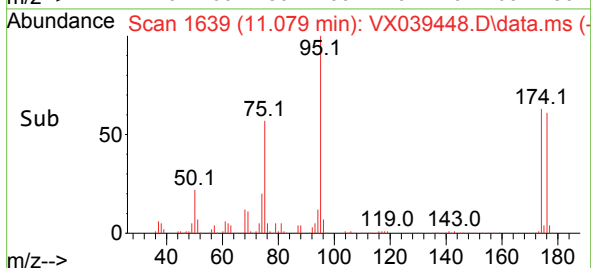
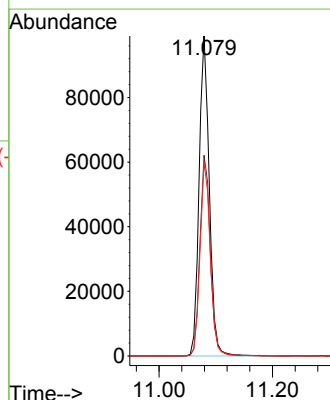
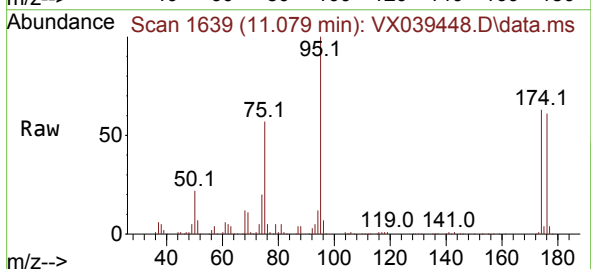
Instrument :
 MSVOA_X
 ClientSampleId :

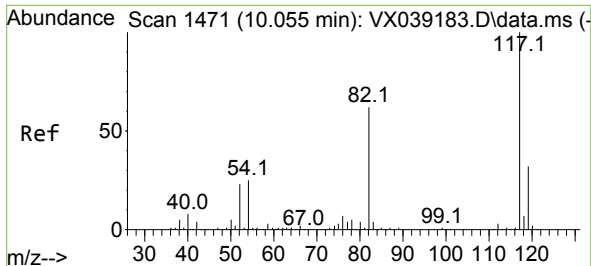
Tgt Ion: 43 Resp: 1501
 Ion Ratio Lower Upper
 43 100
 58 179.9 30.4 45.6#



#62
 4-Bromofluorobenzene
 Concen: 53.311 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. 0.000 min
 Lab File: VX039448.D
 Acq: 22 Dec 2023 18:21

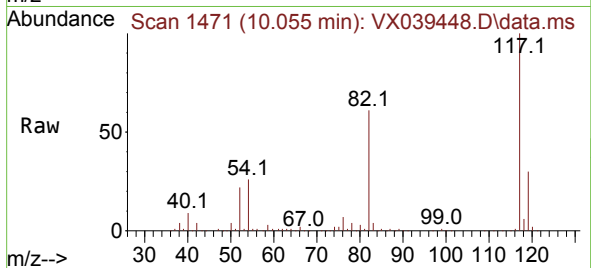
Tgt Ion: 95 Resp: 123495
 Ion Ratio Lower Upper
 95 100
 174 63.7 0.0 135.6
 176 60.7 0.0 131.0



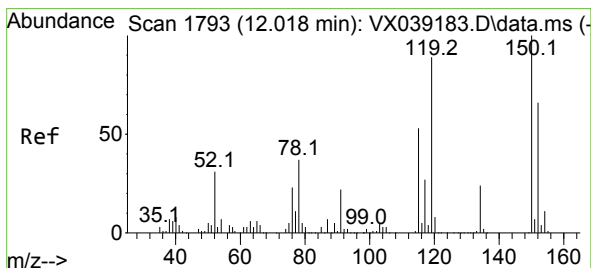
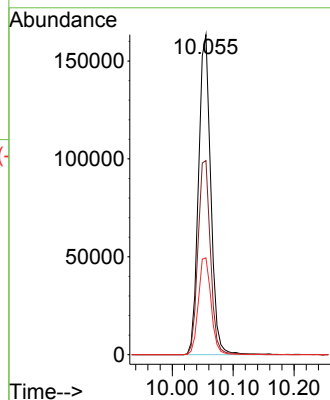
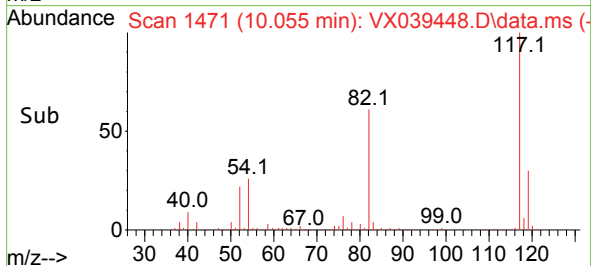


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX039448.D
Acq: 22 Dec 2023 18:21

Instrument :
MSVOA_X
ClientSampleId :

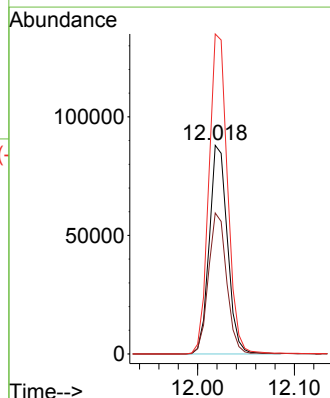
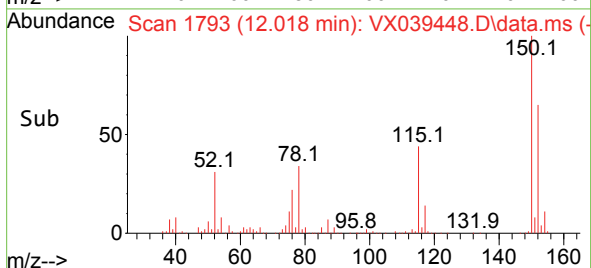
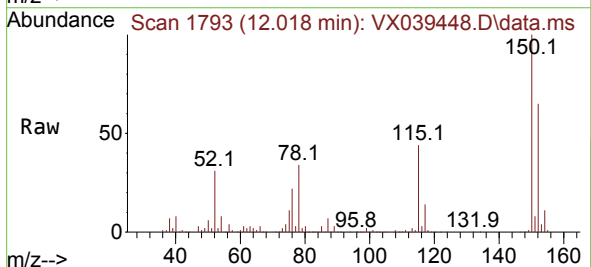


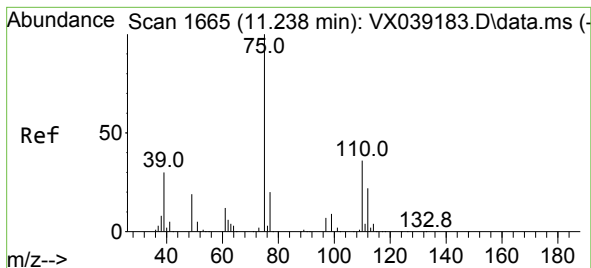
Tgt Ion:117 Resp: 228027
Ion Ratio Lower Upper
117 100
82 60.6 46.2 69.4
119 30.3 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX039448.D
Acq: 22 Dec 2023 18:21

Tgt Ion:152 Resp: 115106
Ion Ratio Lower Upper
152 100
115 67.9 43.3 129.9
150 157.6 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 23.272 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX039448.D

Acq: 22 Dec 2023 18:21

Instrument :

MSVOA_X

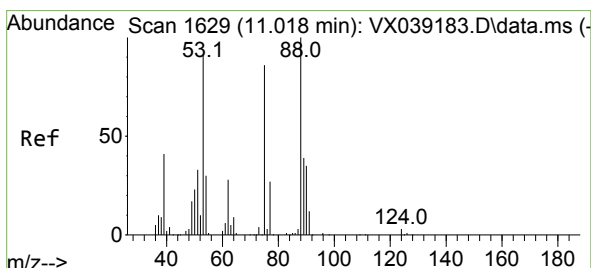
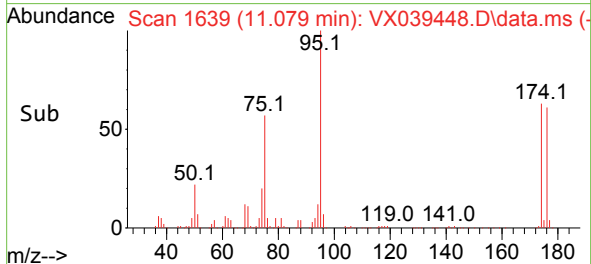
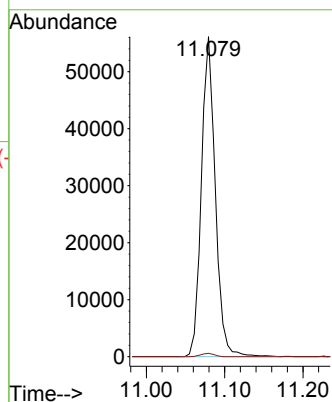
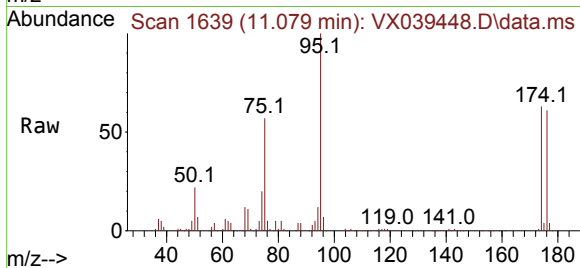
ClientSampleId :

Tgt Ion: 75 Resp: 69304

Ion Ratio Lower Upper

75 100

77 1.0 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 65.650 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX039448.D

Acq: 22 Dec 2023 18:21

Tgt Ion: 75 Resp: 69304

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

