

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121423\
 Data File : VX039217.D
 Acq On : 14 Dec 2023 18:37
 Operator : JC/MD
 Sample : 05829-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 15 03:05:22 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)

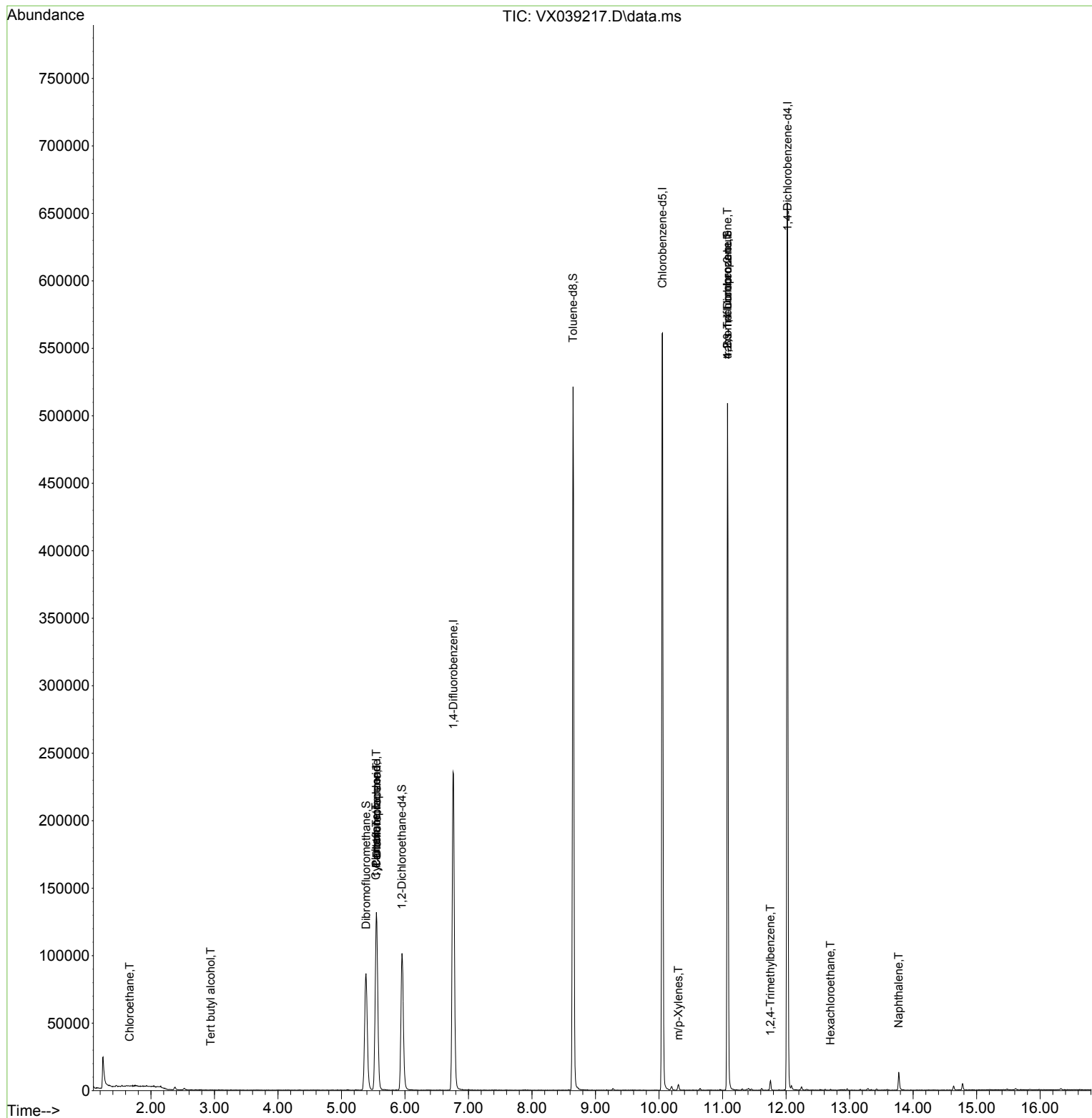
Internal Standards						
1) Pentafluorobenzene	5.550	168	111517	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	232327	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	243118	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	124222	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	100296	49.095	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	98.180%		
35) Dibromofluoromethane	5.385	113	75709	47.170	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.340%		
50) Toluene-d8	8.647	98	294603	49.441	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.880%		
62) 4-Bromofluorobenzene	11.079	95	137627	55.979	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	111.960%		
Target Compounds						
					Qvalue	
6) Chloroethane	1.666	64	302	0.310	ug/l #	43
11) Tert butyl alcohol	2.940	59	115	0.224	ug/l #	78
16) Acetone	2.379	43	2064	Below Cal	#	74
31) Cyclohexane	5.544	56	3201	1.213	ug/l #	37
36) 1,1-Dichloropropene	5.556	75	10944	4.321	ug/l #	49
38) Carbon Tetrachloride	5.550	117	13029	5.390	ug/l #	17
68) m/p-Xylenes	10.305	106	1038	0.293	ug/l	88
76) 1,2,3-Trichloropropane	11.079	75	76078	23.672	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	76078	66.779	ug/l #	5
84) 1,2,4-Trimethylbenzene	11.756	105	3290	0.393	ug/l	96
90) Hexachloroethane	12.701	117	415	0.277	ug/l #	17
95) Naphthalene	13.774	128	9183	1.011	ug/l	98

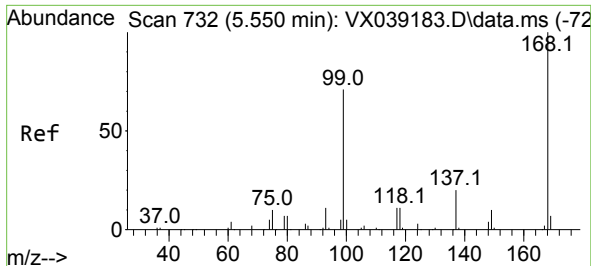
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121423\
Data File : VX039217.D
Acq On : 14 Dec 2023 18:37
Operator : JC/MD
Sample : 05829-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Dec 15 03:05:22 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



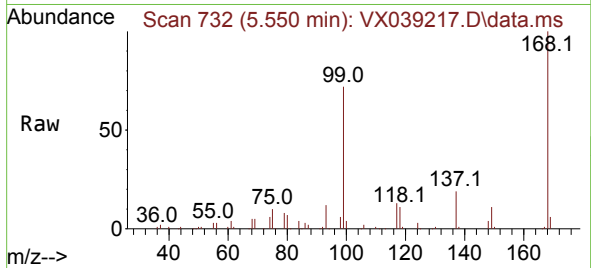


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX039217.D
Acq: 14 Dec 2023 18:37

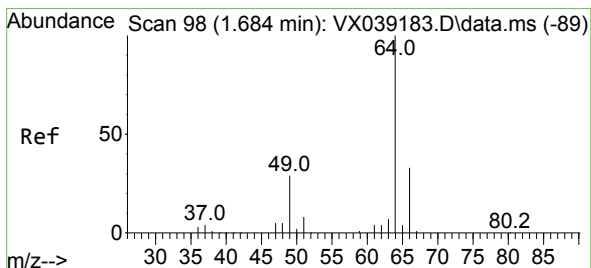
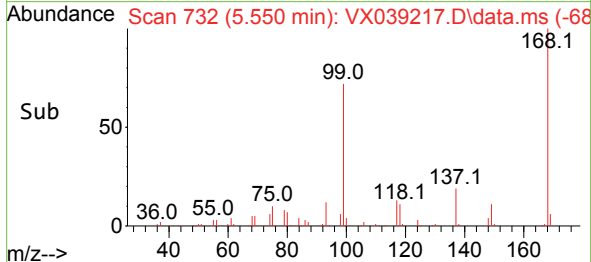
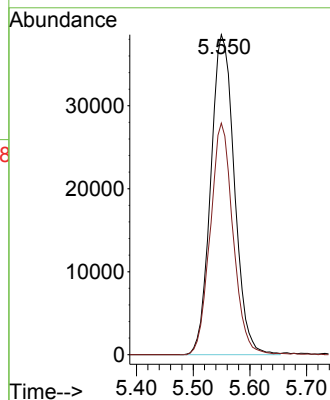
Instrument :

MSVOA_X

ClientSampleId :

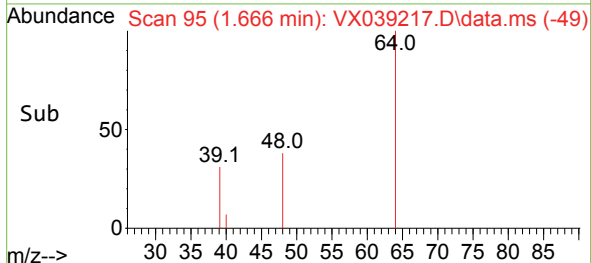
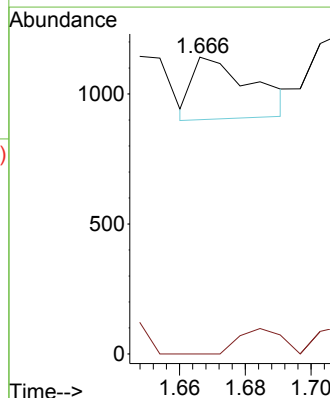
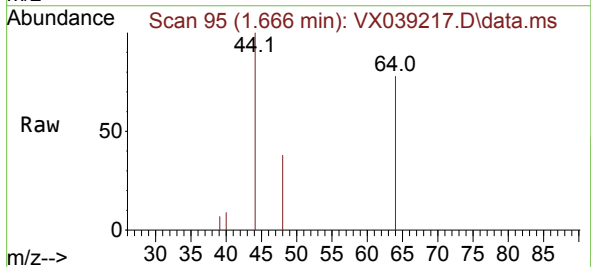


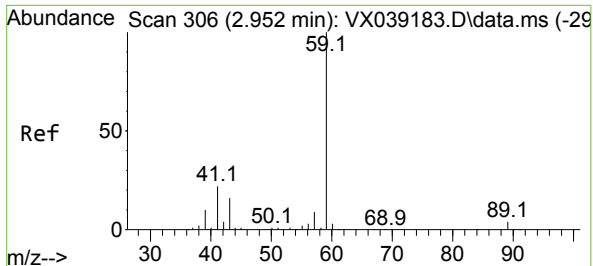
Tgt Ion:168 Resp: 111517
Ion Ratio Lower Upper
168 100
99 72.4 56.6 85.0



#6
Chloroethane
Concen: 0.310 ug/l
RT: 1.666 min Scan# 95
Delta R.T. -0.018 min
Lab File: VX039217.D
Acq: 14 Dec 2023 18:37

Tgt Ion: 64 Resp: 302
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#





#11

Tert butyl alcohol

Concen: 0.224 ug/l

RT: 2.940 min Scan# 306

Delta R.T. -0.012 min

Lab File: VX039217.D

Acq: 14 Dec 2023 18:37

Instrument :

MSVOA_X

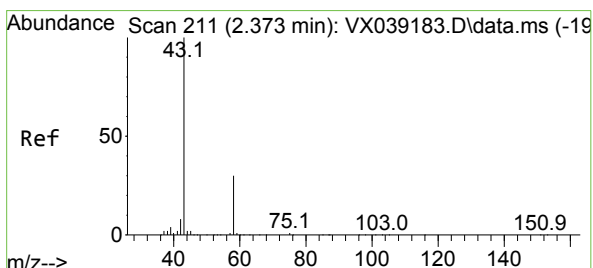
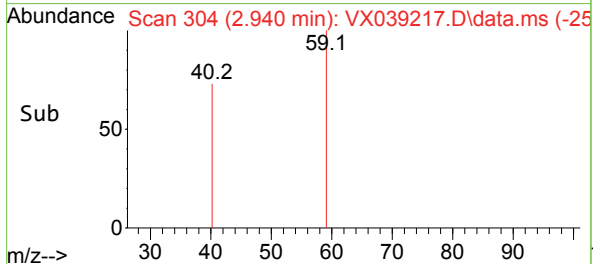
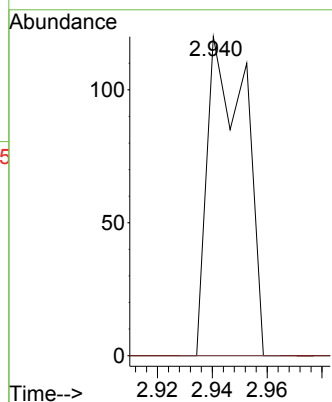
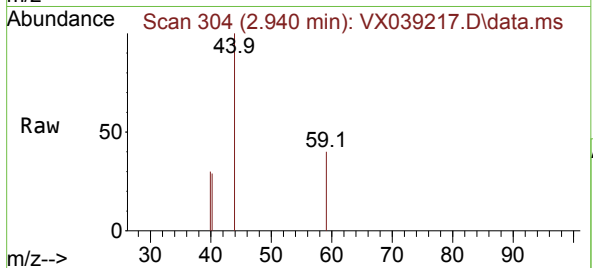
ClientSampleId :

Tgt Ion: 59 Resp: 115

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#16

Acetone

Concen: Below Cal

RT: 2.379 min Scan# 212

Delta R.T. 0.006 min

Lab File: VX039217.D

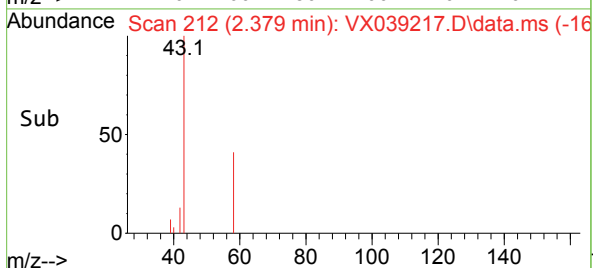
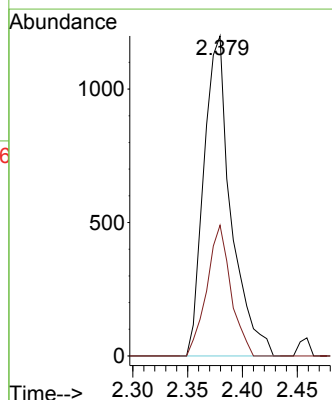
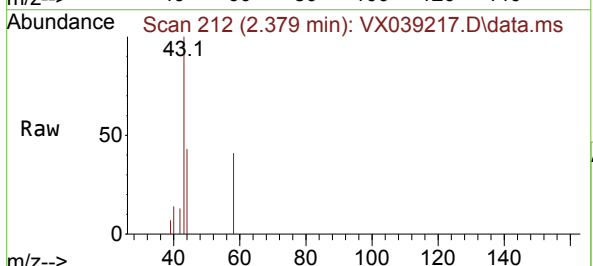
Acq: 14 Dec 2023 18:37

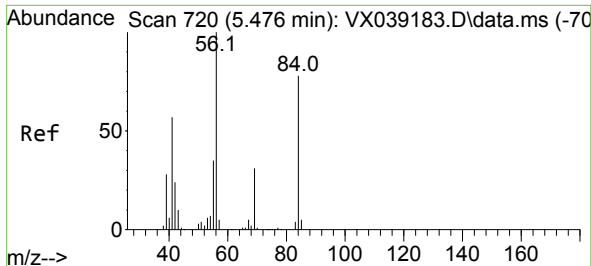
Tgt Ion: 43 Resp: 2064

Ion Ratio Lower Upper

43 100

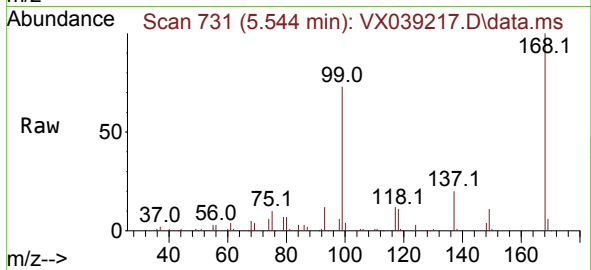
58 40.9 21.9 32.9#



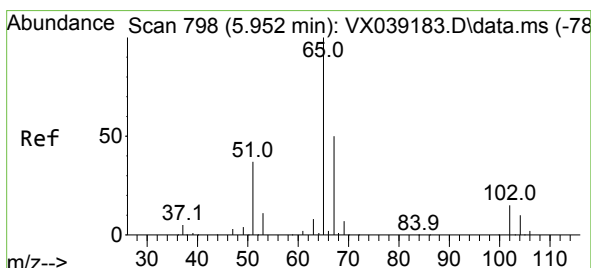
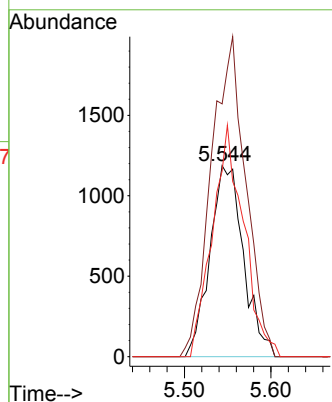
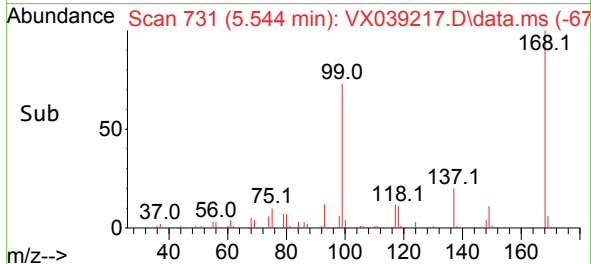


#31
Cyclohexane
Concen: 1.213 ug/l
RT: 5.544 min Scan# 71
Delta R.T. 0.067 min
Lab File: VX039217.D
Acq: 14 Dec 2023 18:37

Instrument :
MSVOA_X
ClientSampleId :

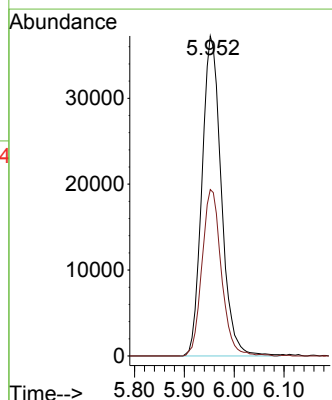
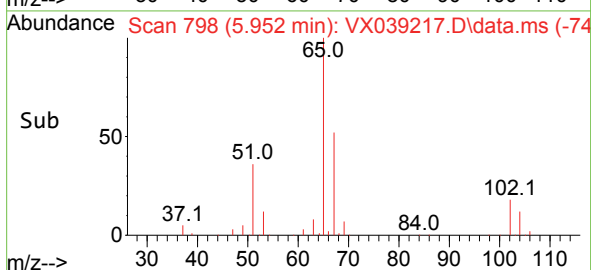
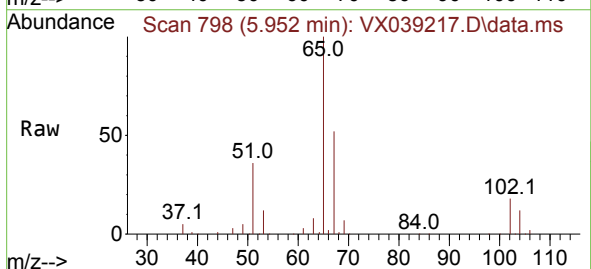


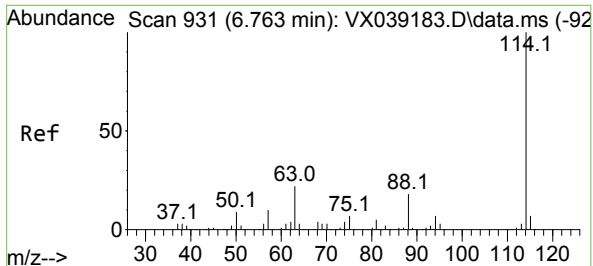
Tgt Ion: 56 Resp: 3201
Ion Ratio Lower Upper
56 100
69 132.4 23.4 35.2#
84 97.2 65.9 98.9



#33
1,2-Dichloroethane-d4
Concen: 49.095 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX039217.D
Acq: 14 Dec 2023 18:37

Tgt Ion: 65 Resp: 100296
Ion Ratio Lower Upper
65 100
67 52.1 0.0 100.2

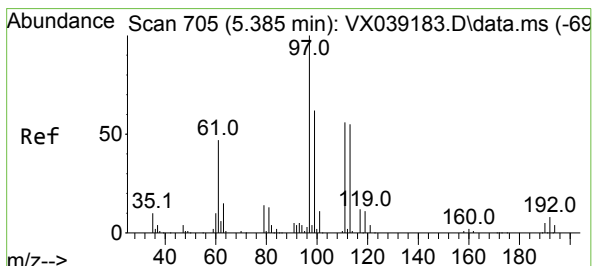
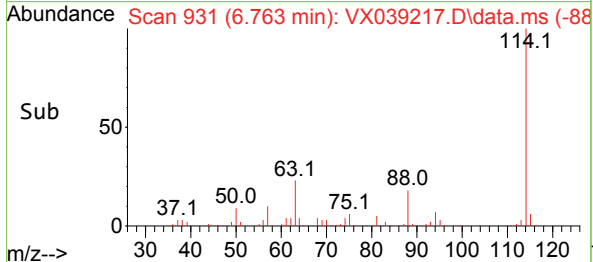
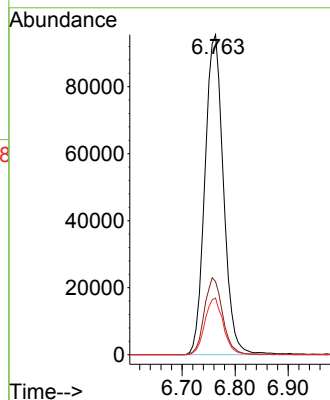
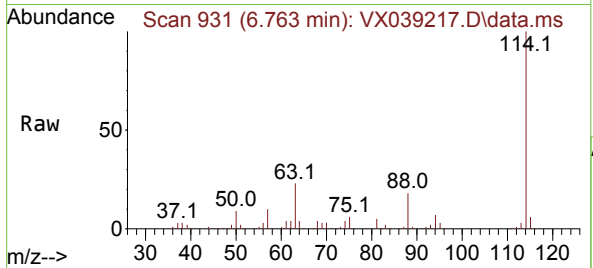




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX039217.D
Acq: 14 Dec 2023 18:37

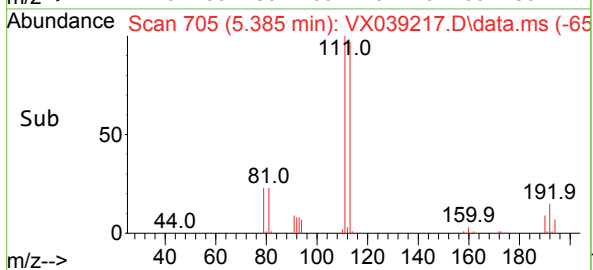
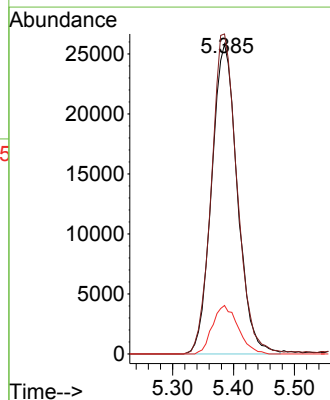
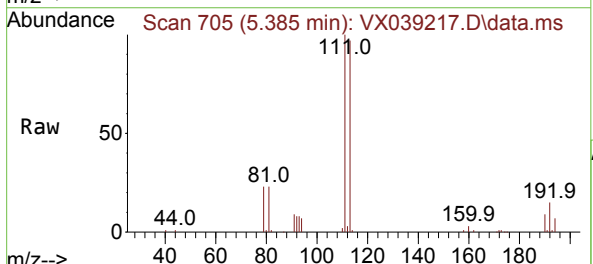
Instrument :
MSVOA_X
ClientSampleId :

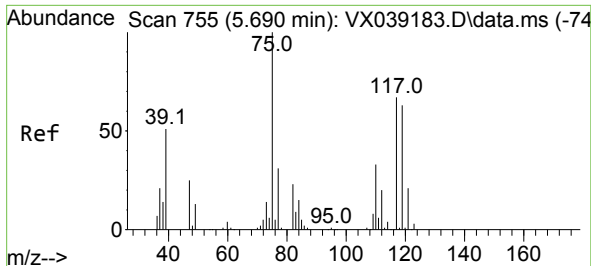
Tgt Ion:114 Resp: 232327
Ion Ratio Lower Upper
114 100
63 22.9 0.0 45.0
88 17.7 0.0 36.6



#35
Dibromofluoromethane
Concen: 47.170 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX039217.D
Acq: 14 Dec 2023 18:37

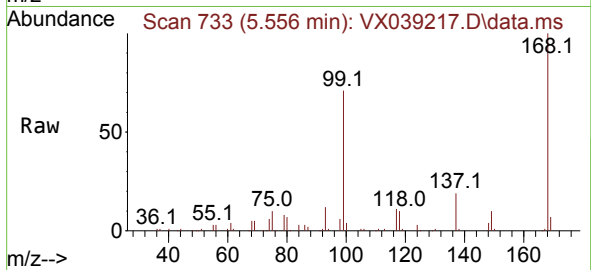
Tgt Ion:113 Resp: 75709
Ion Ratio Lower Upper
113 100
111 103.2 82.9 124.3
192 15.6 13.3 19.9



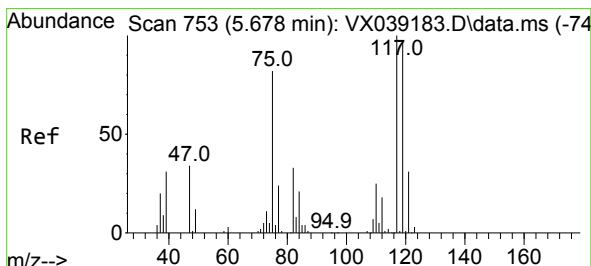
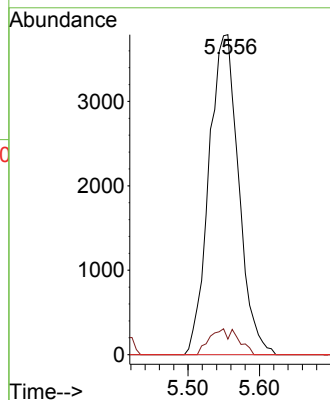
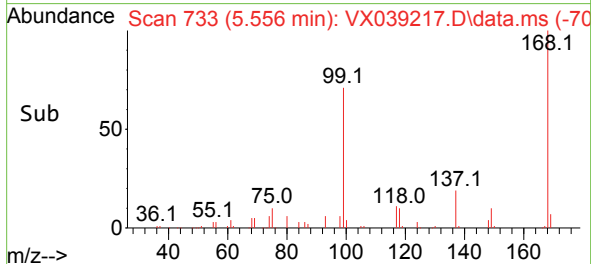


#36
 1,1-Dichloropropene
 Concen: 4.321 ug/l
 RT: 5.556 min Scan# 71
 Delta R.T. -0.134 min
 Lab File: VX039217.D
 Acq: 14 Dec 2023 18:37

Instrument :
 MSVOA_X
 ClientSampleId :

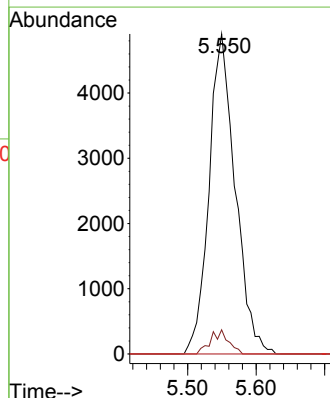
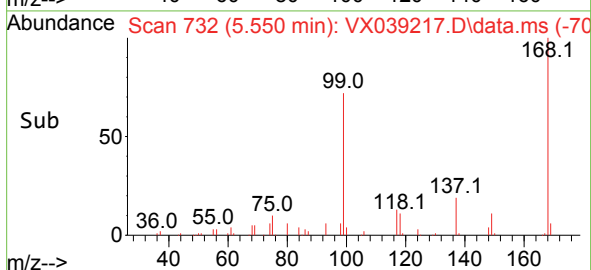
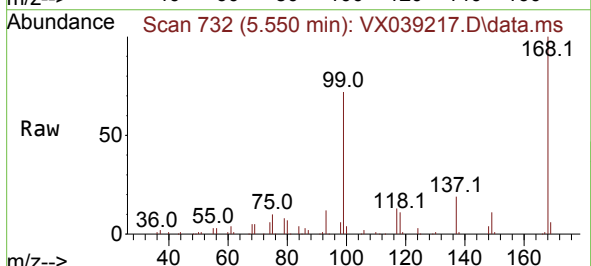


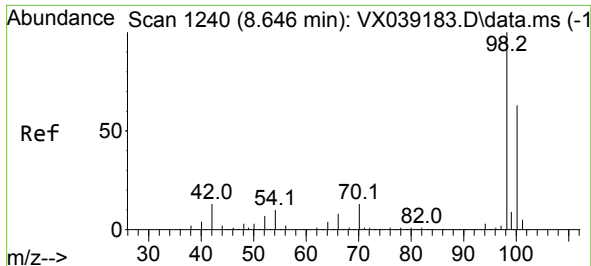
Tgt Ion: 75 Resp: 10944
 Ion Ratio Lower Upper
 75 100
 110 7.7 17.0 50.9#
 77 0.0 24.7 37.1#



#38
 Carbon Tetrachloride
 Concen: 5.390 ug/l
 RT: 5.550 min Scan# 732
 Delta R.T. -0.128 min
 Lab File: VX039217.D
 Acq: 14 Dec 2023 18:37

Tgt Ion: 117 Resp: 13029
 Ion Ratio Lower Upper
 117 100
 119 7.6 78.2 117.2#
 121 0.0 24.4 36.6#

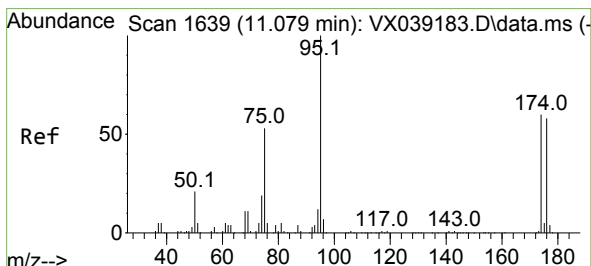
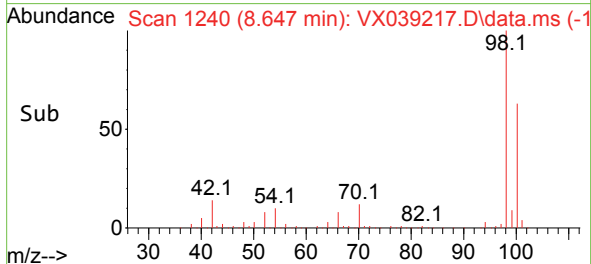
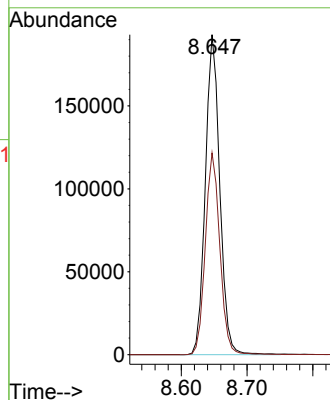
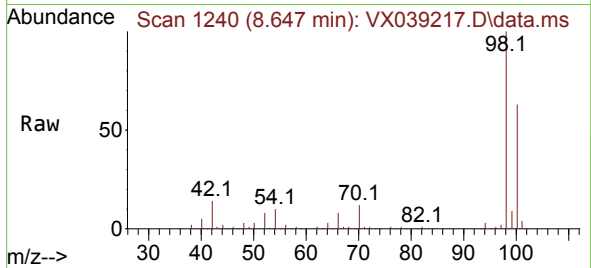




#50
Toluene-d8
Concen: 49.441 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039217.D
Acq: 14 Dec 2023 18:37

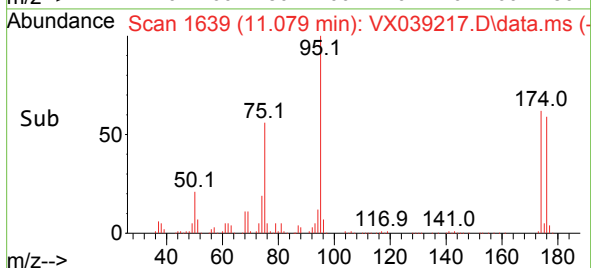
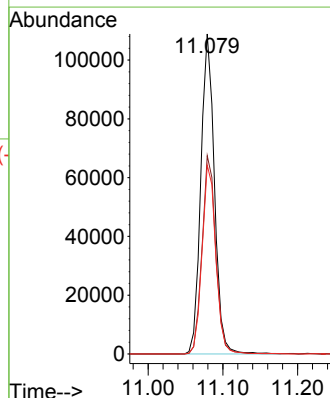
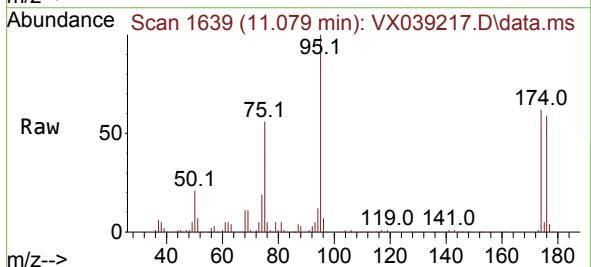
Instrument :
MSVOA_X
ClientSampleId :

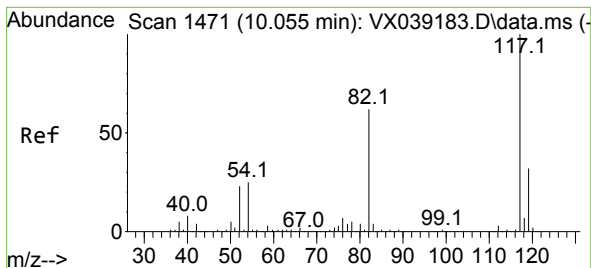
Tgt Ion: 98 Resp: 294603
Ion Ratio Lower Upper
98 100
100 63.6 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 55.979 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039217.D
Acq: 14 Dec 2023 18:37

Tgt Ion: 95 Resp: 137627
Ion Ratio Lower Upper
95 100
174 62.4 0.0 135.6
176 59.8 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: VX039217.D

Acq: 14 Dec 2023 18:37

Instrument :

MSVOA_X

ClientSampleId :

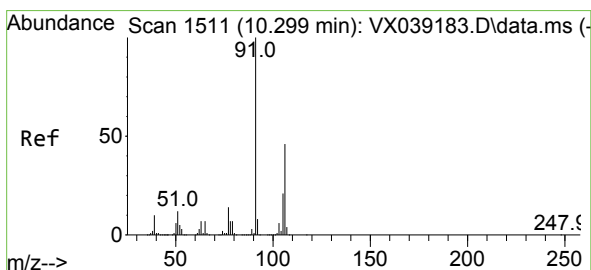
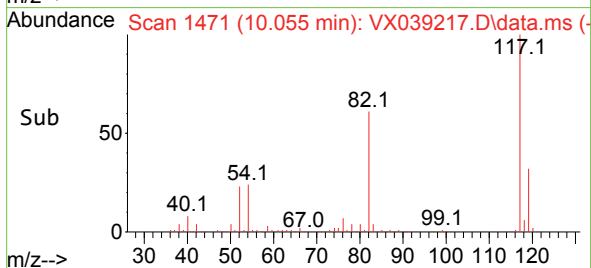
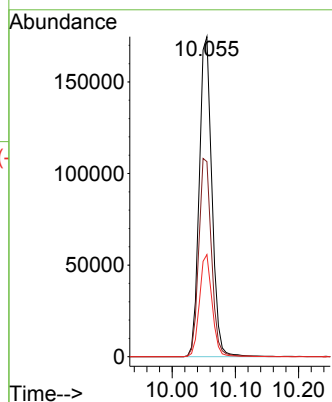
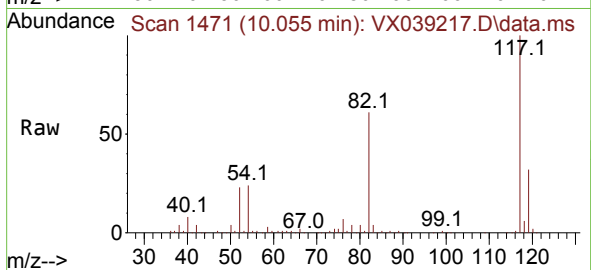
Tgt Ion:117 Resp: 243118

Ion Ratio Lower Upper

117 100

82 61.0 46.2 69.4

119 31.9 25.5 38.3



#68

m/p-Xylenes

Concen: 0.293 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. 0.006 min

Lab File: VX039217.D

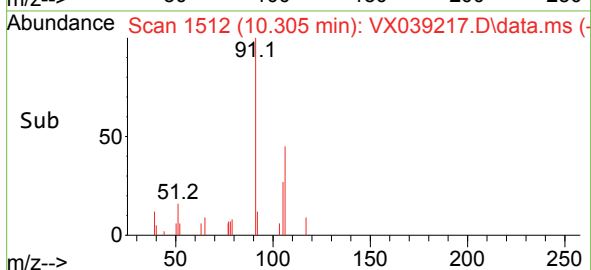
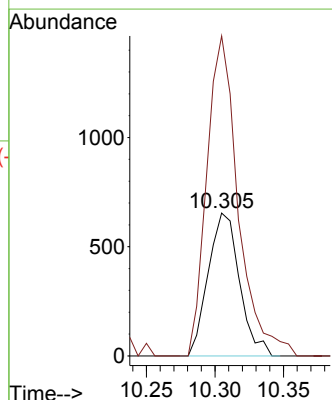
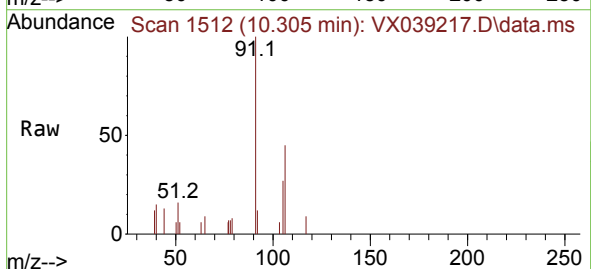
Acq: 14 Dec 2023 18:37

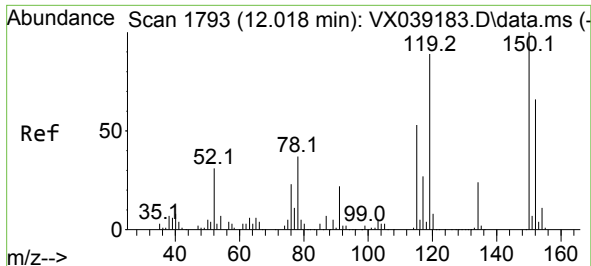
Tgt Ion:106 Resp: 1038

Ion Ratio Lower Upper

106 100

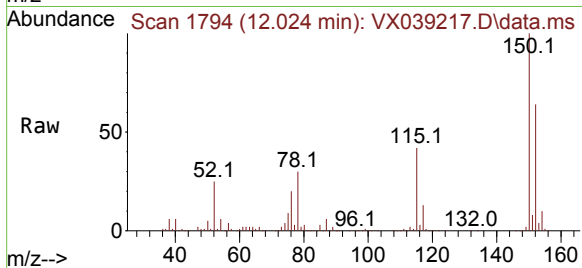
91 224.9 165.5 248.3



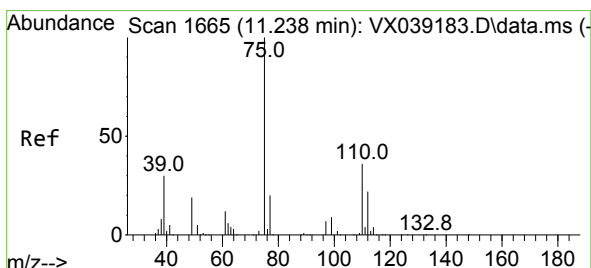
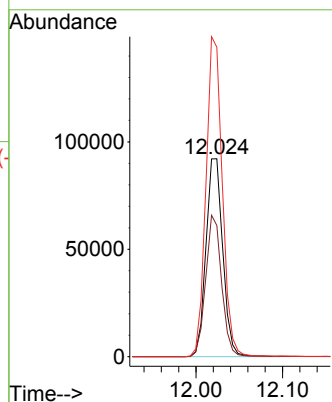
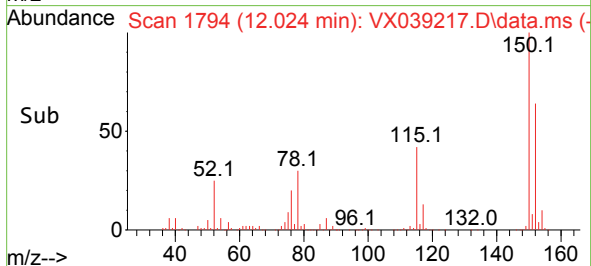


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX039217.D
 Acq: 14 Dec 2023 18:37

Instrument :
 MSVOA_X
 ClientSampleId :

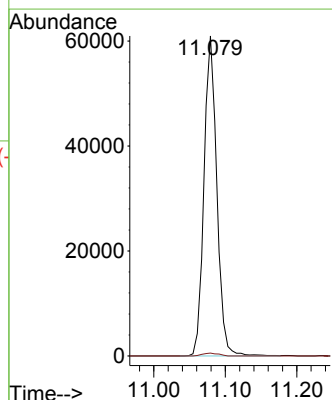
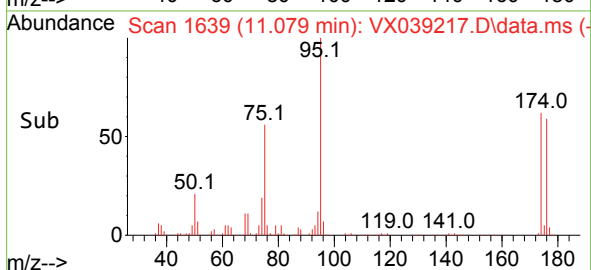
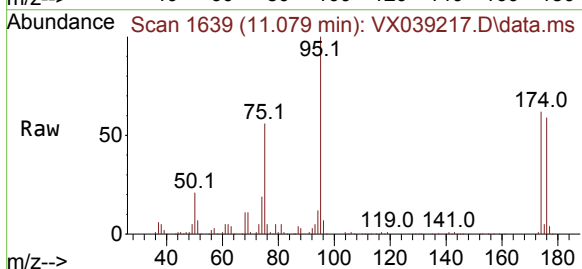


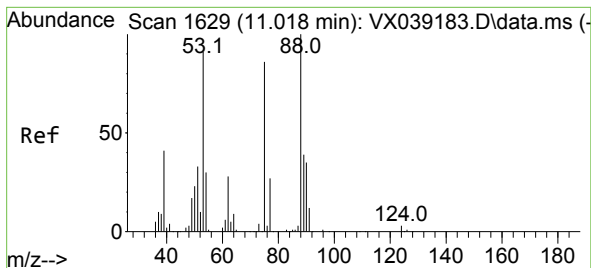
Tgt Ion:152 Resp: 124222
 Ion Ratio Lower Upper
 152 100
 115 67.7 43.3 129.9
 150 157.6 0.0 345.0



#76
 1,2,3-Trichloropropane
 Concen: 23.672 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX039217.D
 Acq: 14 Dec 2023 18:37

Tgt Ion: 75 Resp: 76078
 Ion Ratio Lower Upper
 75 100
 77 1.1 19.1 57.5#

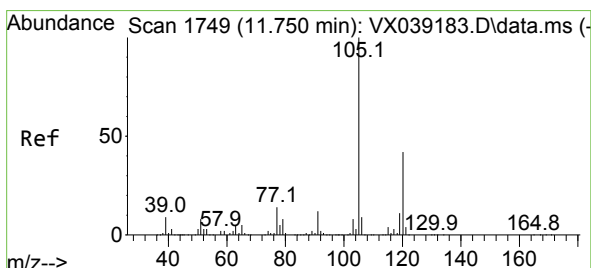
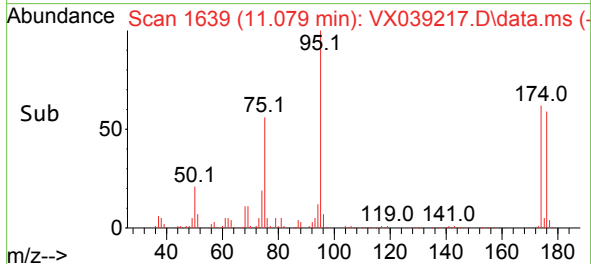
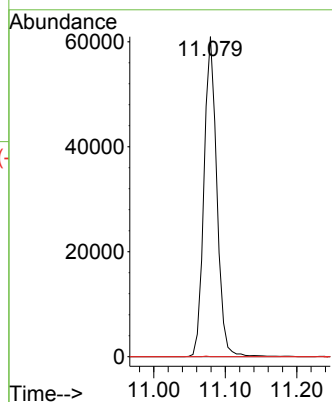
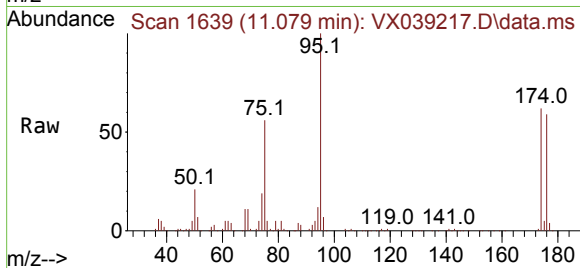




#81
trans-1,4-Dichloro-2-butene
Concen: 66.779 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX039217.D
Acq: 14 Dec 2023 18:37

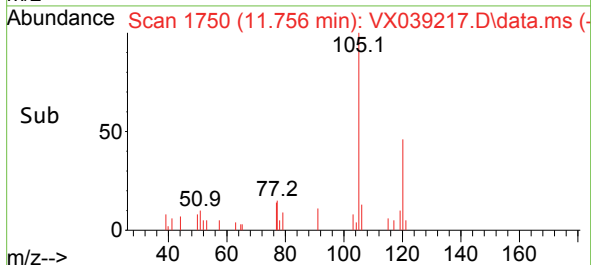
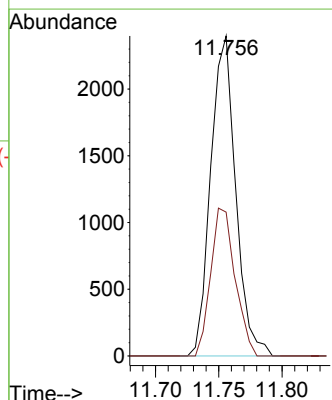
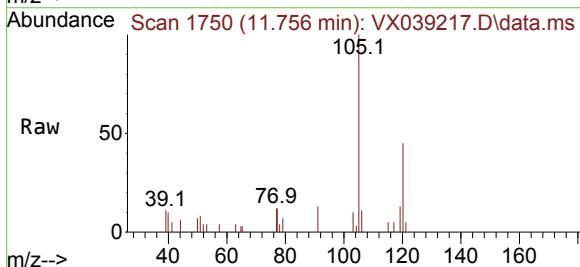
Instrument :
MSVOA_X
ClientSampleId :

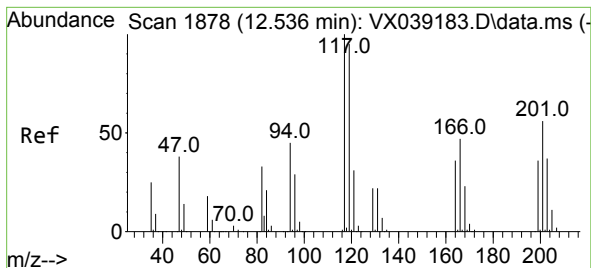
Tgt Ion: 75 Resp: 76078
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.1 36.9 55.3#



#84
1,2,4-Trimethylbenzene
Concen: 0.393 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX039217.D
Acq: 14 Dec 2023 18:37

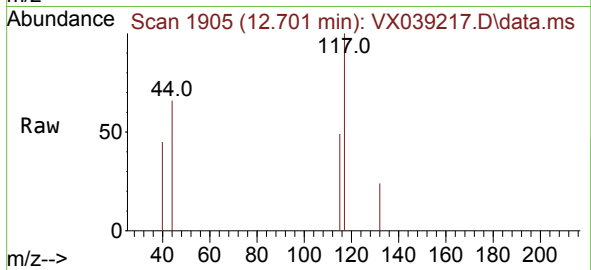
Tgt Ion:105 Resp: 3290
Ion Ratio Lower Upper
105 100
120 45.2 21.2 63.6



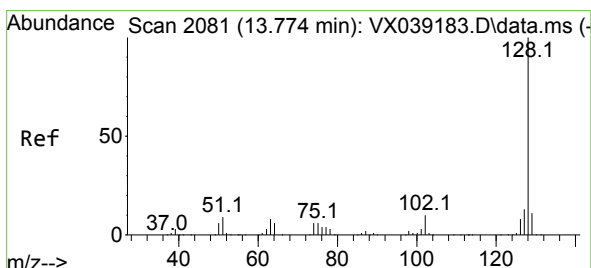
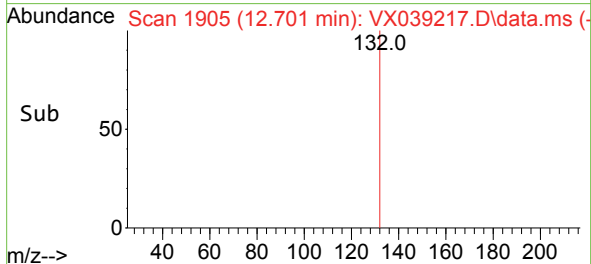
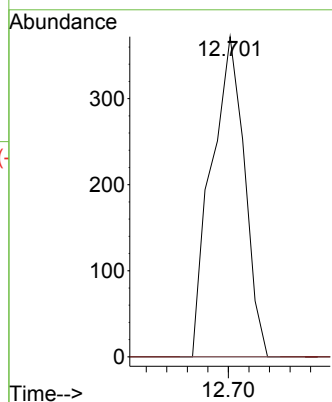


#90
Hexachloroethane
Concen: 0.277 ug/l
RT: 12.701 min Scan# 1905
Delta R.T. 0.165 min
Lab File: VX039217.D
Acq: 14 Dec 2023 18:37

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:117 Resp: 415
Ion Ratio Lower Upper
117 100
201 0.0 32.9 98.6#



#95
Naphthalene
Concen: 1.011 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX039217.D
Acq: 14 Dec 2023 18:37

Tgt Ion:128 Resp: 9183
Ion Ratio Lower Upper
128 100
127 12.3 10.3 15.5
129 9.7 8.8 13.2

