

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122223\
 Data File : VX039452.D
 Acq On : 22 Dec 2023 19:53
 Operator : JC/MD
 Sample : 05975-07RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 23 06:30:09 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)

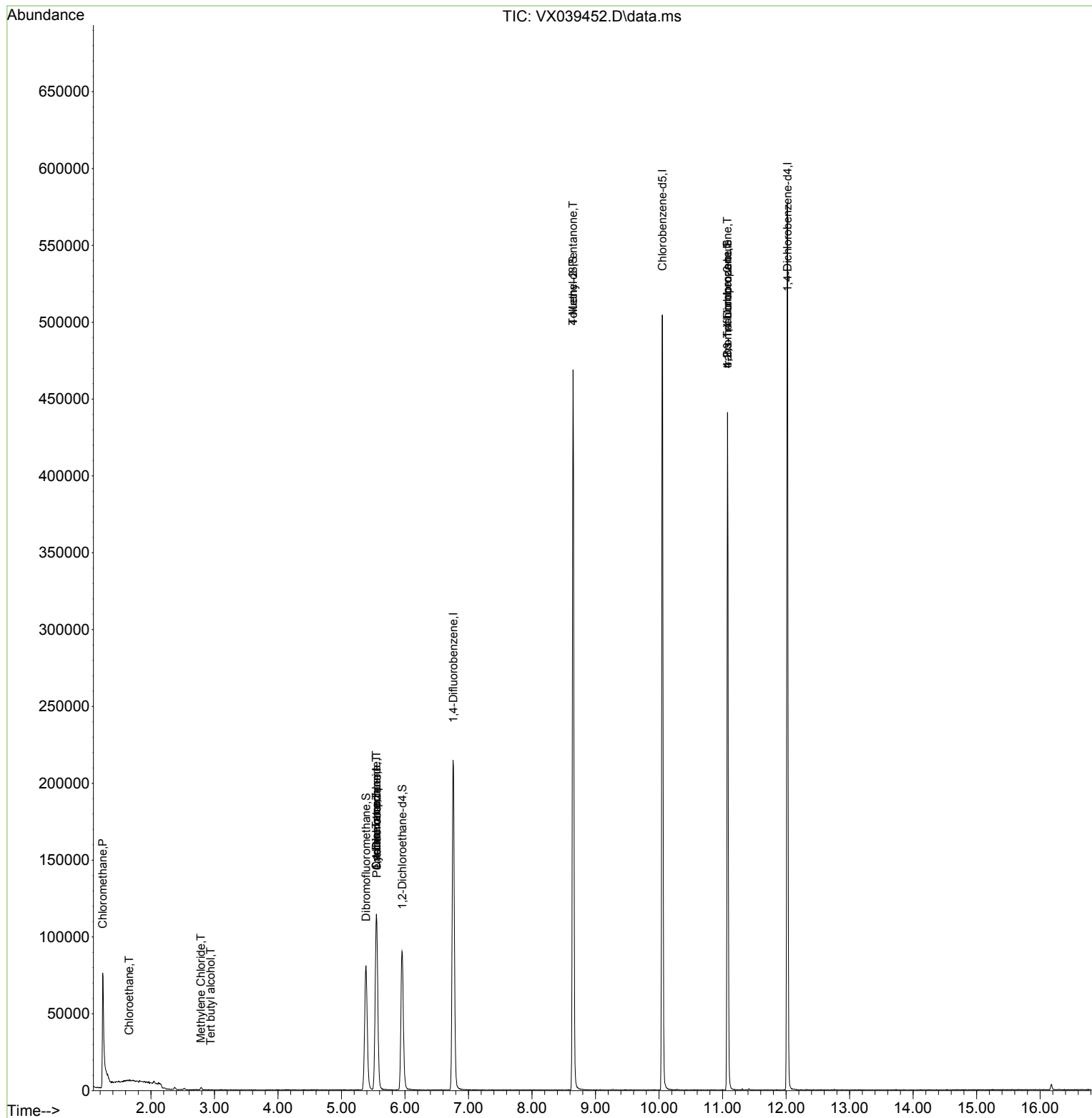
Internal Standards						
1) Pentafluorobenzene	5.556	168	97791	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	207615	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	221653	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	110243	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	88907	49.628	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	99.260%		
35) Dibromofluoromethane	5.385	113	70072	48.854	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.700%		
50) Toluene-d8	8.647	98	267684	50.270	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	100.540%		
62) 4-Bromofluorobenzene	11.079	95	118940	54.137	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	108.280%		
Target Compounds						
					Qvalue	
3) Chloromethane	1.240	50	1951	1.281	ug/l #	43
6) Chloroethane	1.654	64	649	0.760	ug/l #	68
11) Tert butyl alcohol	2.940	59	106	0.236	ug/l #	78
16) Acetone	2.373	43	1409	Below Cal		98
20) Methylene Chloride	2.788	84	732	0.490	ug/l #	81
31) Cyclohexane	5.550	56	2974	1.285	ug/l #	25
36) 1,1-Dichloropropene	5.550	75	9750	4.308	ug/l #	50
38) Carbon Tetrachloride	5.550	117	11489	5.319	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	1397	0.482	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	66209	23.213	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	66209	65.485	ug/l #	5

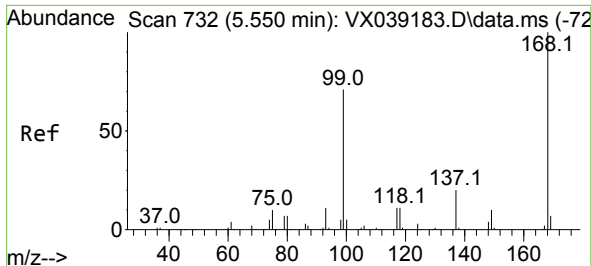
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Dec 14 01:28:15 2023
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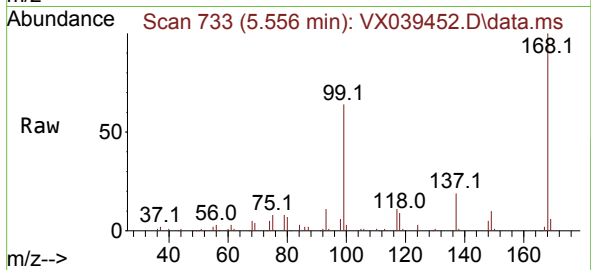


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX039452.D
Acq: 22 Dec 2023 19:53

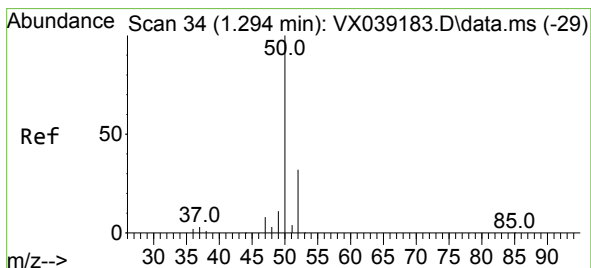
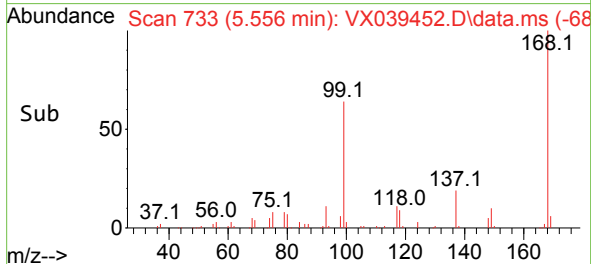
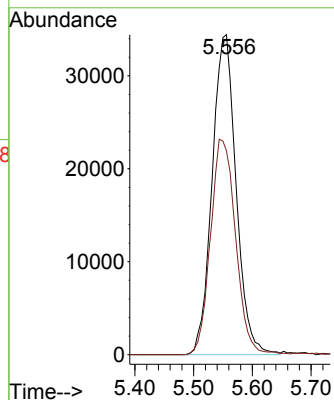
Instrument :

MSVOA_X

ClientSampleId :

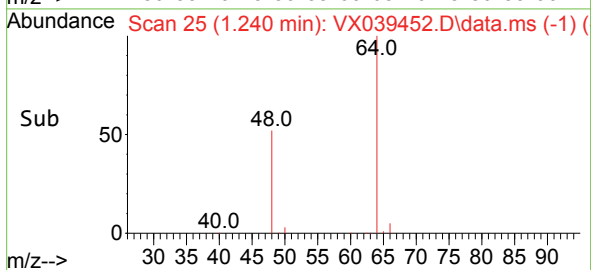
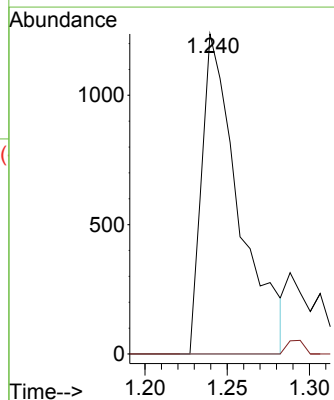
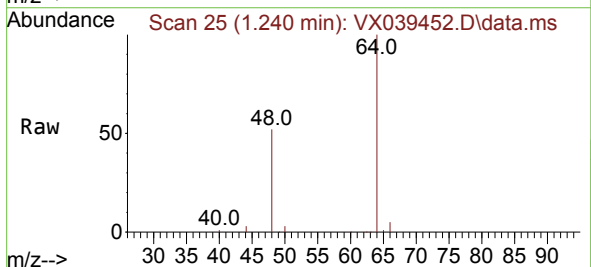


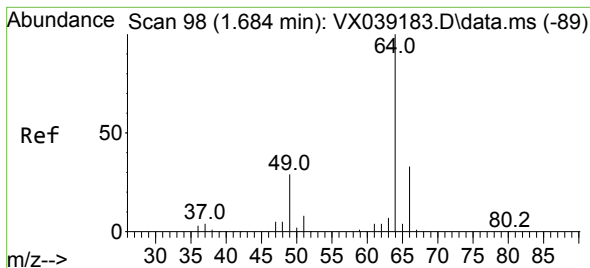
Tgt Ion:168 Resp: 97791
Ion Ratio Lower Upper
168 100
99 63.7 56.6 85.0



#3
Chloromethane
Concen: 1.281 ug/l
RT: 1.240 min Scan# 25
Delta R.T. -0.055 min
Lab File: VX039452.D
Acq: 22 Dec 2023 19:53

Tgt Ion: 50 Resp: 1951
Ion Ratio Lower Upper
50 100
52 0.0 25.5 38.3#





#6

Chloroethane

Concen: 0.760 ug/l

RT: 1.654 min Scan# 91

Delta R.T. -0.030 min

Lab File: VX039452.D

Acq: 22 Dec 2023 19:53

Instrument :

MSVOA_X

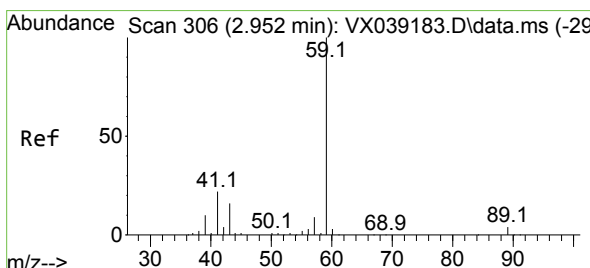
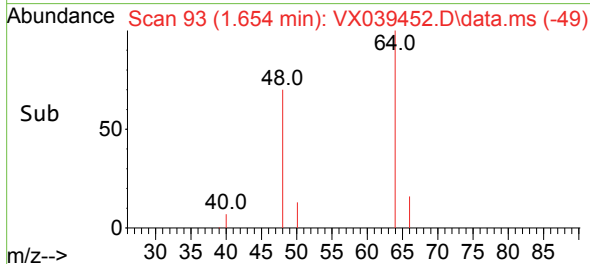
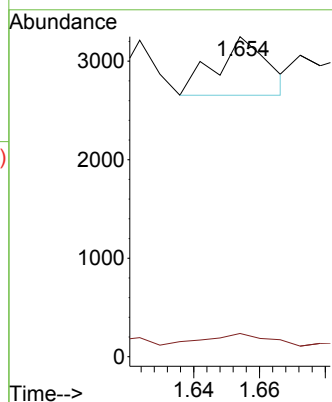
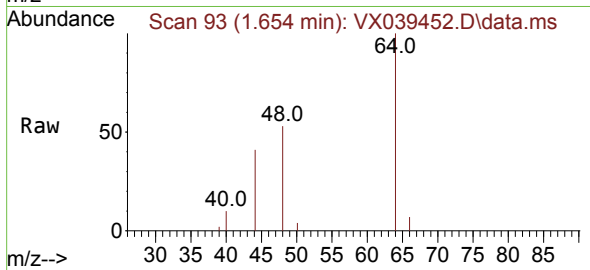
ClientSampleId :

Tgt Ion: 64 Resp: 649

Ion Ratio Lower Upper

64 100

66 13.9 25.1 37.7#



#11

Tert butyl alcohol

Concen: 0.236 ug/l

RT: 2.940 min Scan# 304

Delta R.T. -0.012 min

Lab File: VX039452.D

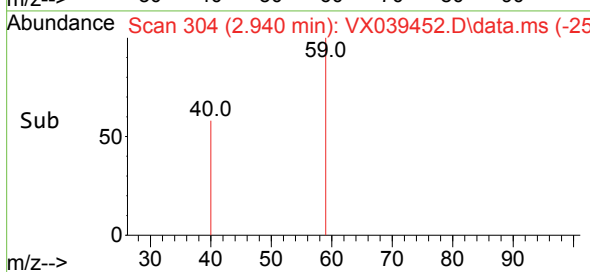
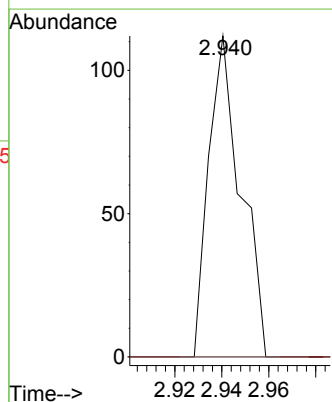
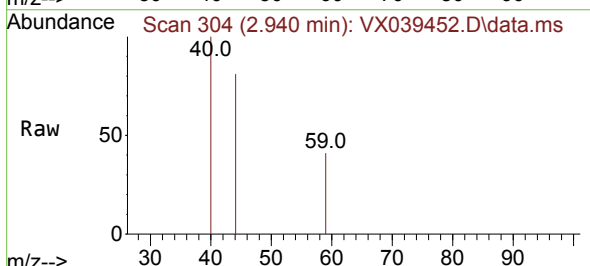
Acq: 22 Dec 2023 19:53

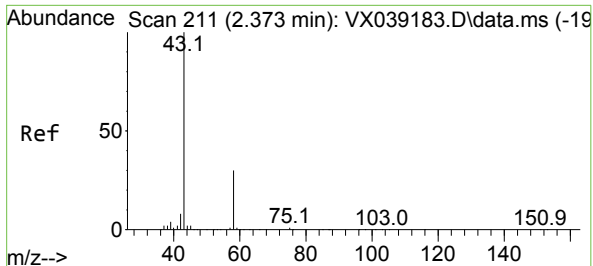
Tgt Ion: 59 Resp: 106

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#

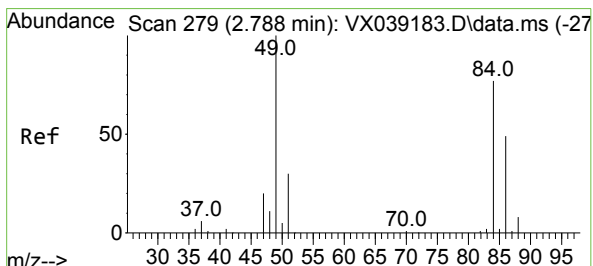
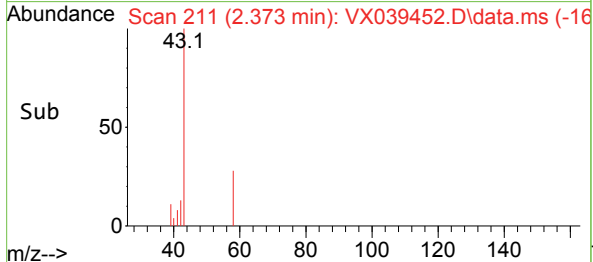
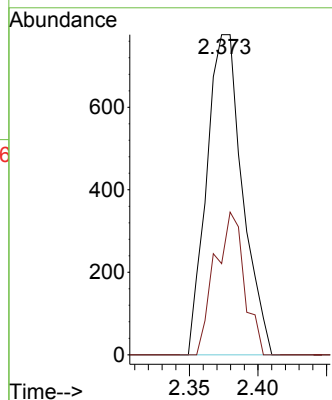
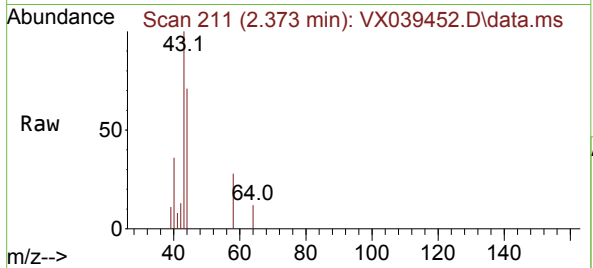




#16
Acetone
Concen: Below Cal
RT: 2.373 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX039452.D
Acq: 22 Dec 2023 19:53

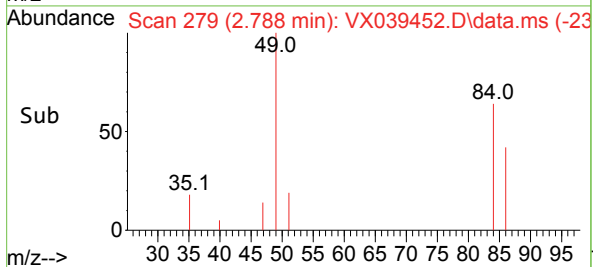
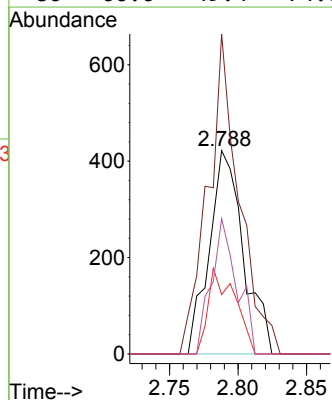
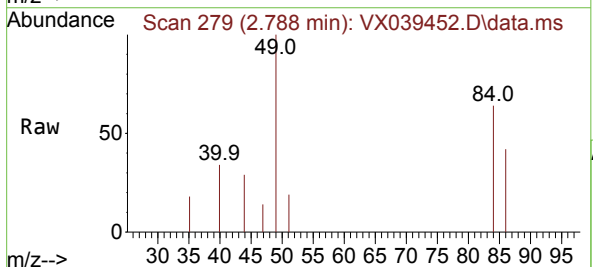
Instrument :
MSVOA_X
ClientSampleId :

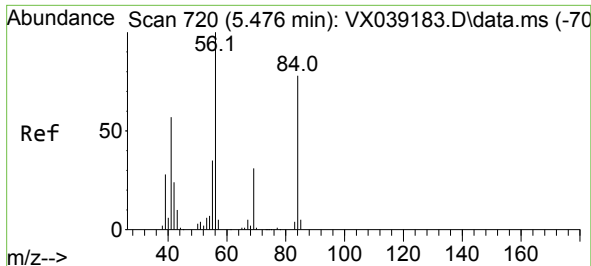
Tgt Ion: 43 Resp: 1409
Ion Ratio Lower Upper
43 100
58 28.5 21.9 32.9



#20
Methylene Chloride
Concen: 0.490 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX039452.D
Acq: 22 Dec 2023 19:53

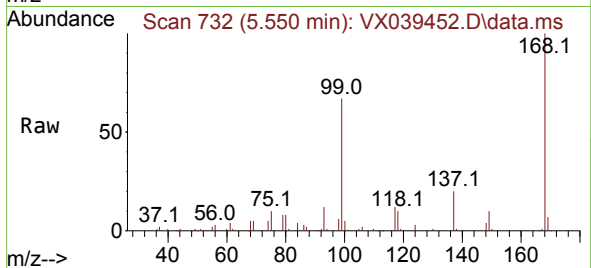
Tgt Ion: 84 Resp: 732
Ion Ratio Lower Upper
84 100
49 157.3 103.6 155.4#
51 29.1 33.8 50.6#
86 66.6 49.4 74.0



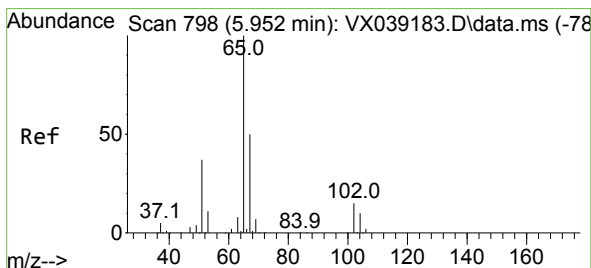
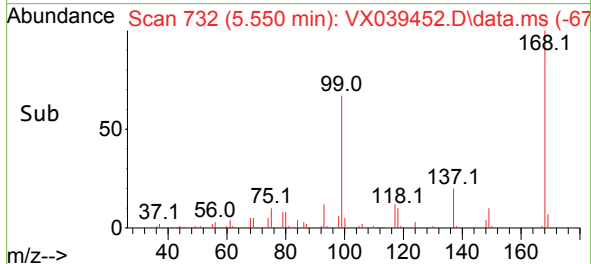
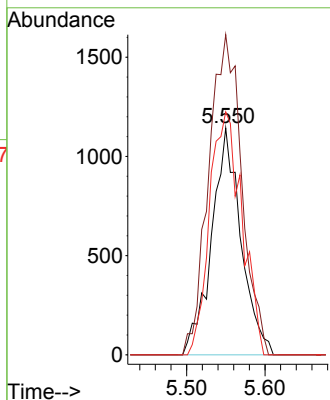


#31
Cyclohexane
Concen: 1.285 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX039452.D
Acq: 22 Dec 2023 19:53

Instrument :
MSVOA_X
ClientSampleId :

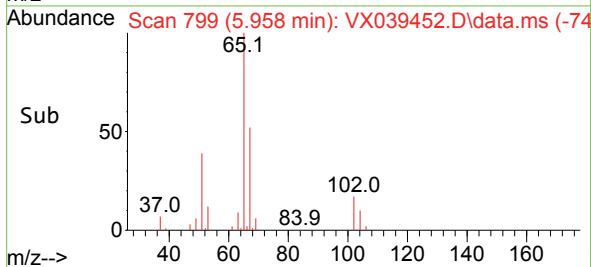
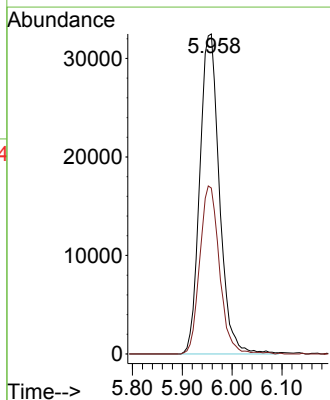
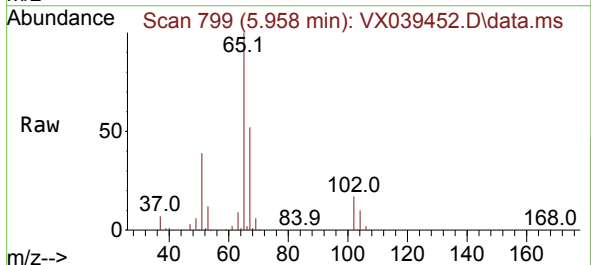


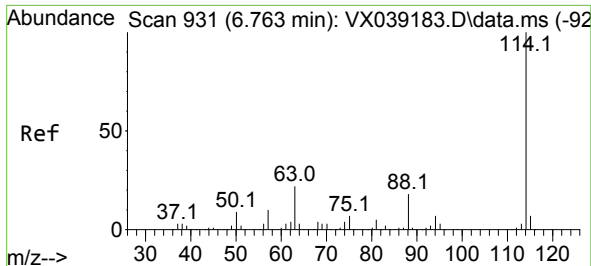
Tgt Ion: 56 Resp: 2974
Ion Ratio Lower Upper
56 100
69 141.1 23.4 35.2#
84 107.1 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 49.628 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX039452.D
Acq: 22 Dec 2023 19:53

Tgt Ion: 65 Resp: 88907
Ion Ratio Lower Upper
65 100
67 52.6 0.0 100.2

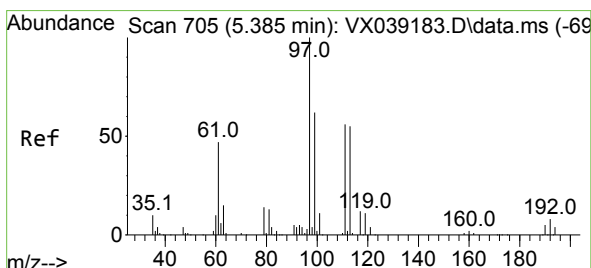
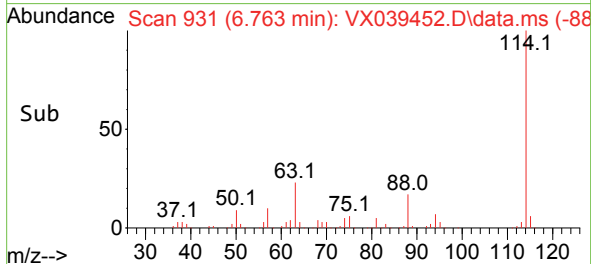
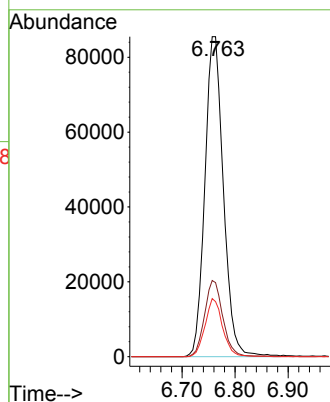
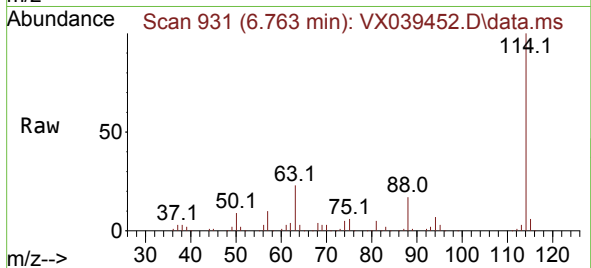




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX039452.D
Acq: 22 Dec 2023 19:53

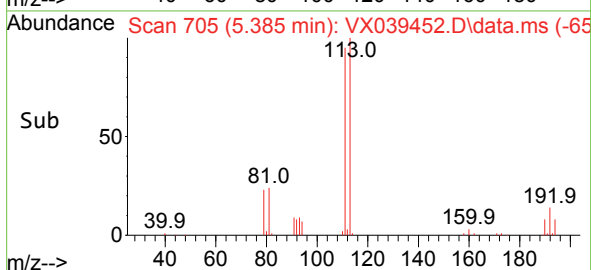
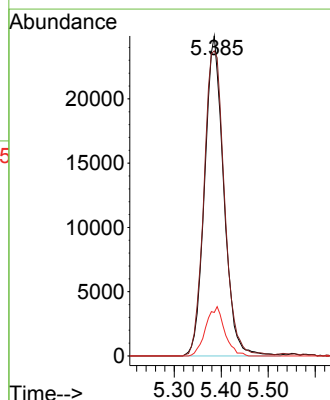
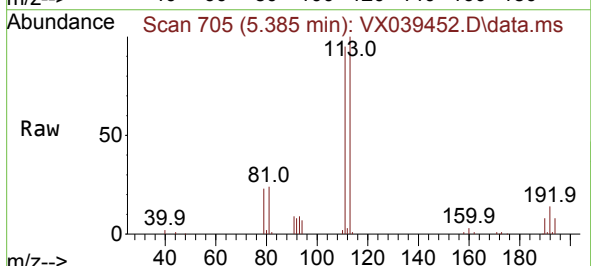
Instrument :
MSVOA_X
ClientSampleId :

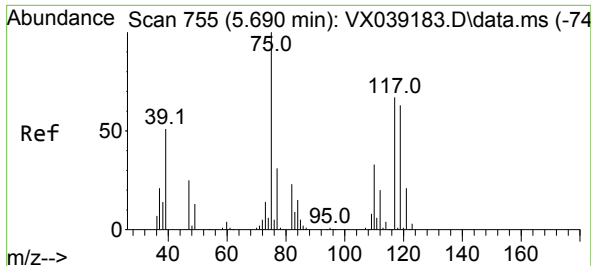
Tgt Ion:114 Resp: 207615
Ion Ratio Lower Upper
114 100
63 23.2 0.0 45.0
88 17.2 0.0 36.6



#35
Dibromofluoromethane
Concen: 48.854 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX039452.D
Acq: 22 Dec 2023 19:53

Tgt Ion:113 Resp: 70072
Ion Ratio Lower Upper
113 100
111 102.6 82.9 124.3
192 15.4 13.3 19.9

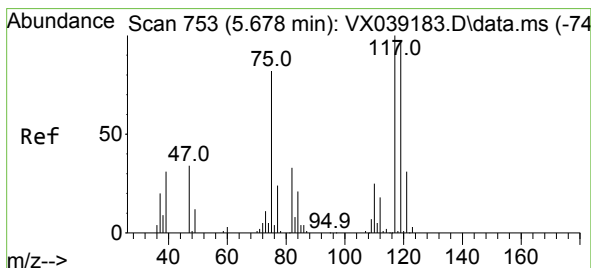
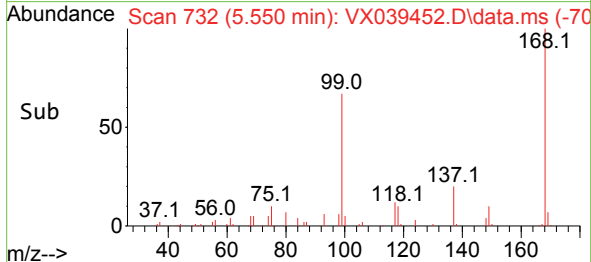
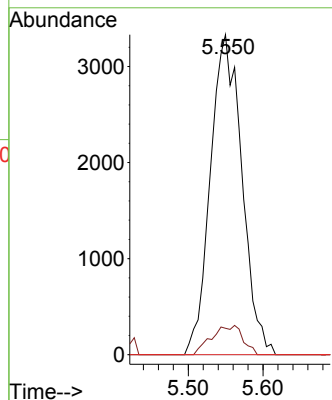
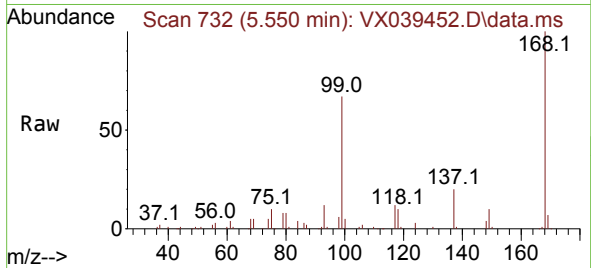




#36
1,1-Dichloropropene
Concen: 4.308 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX039452.D
Acq: 22 Dec 2023 19:53

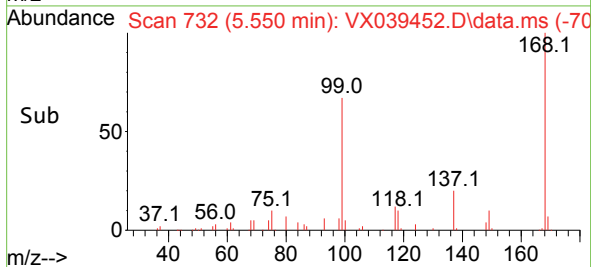
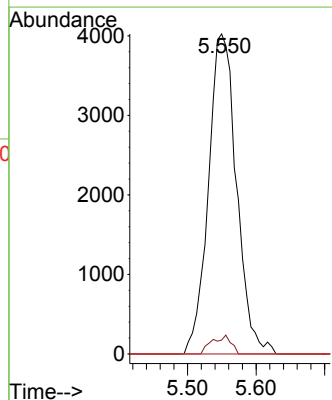
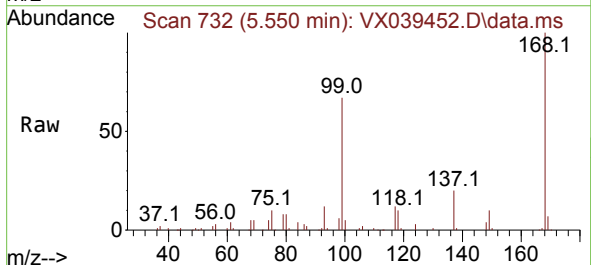
Instrument :
MSVOA_X
ClientSampleId :

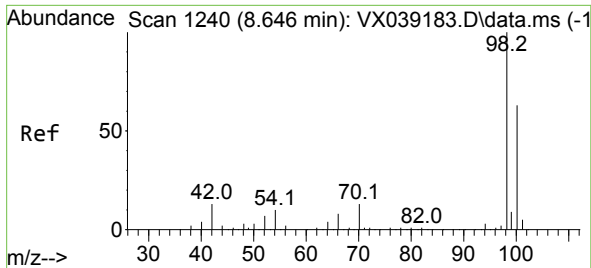
Tgt Ion: 75 Resp: 9750
Ion Ratio Lower Upper
75 100
110 9.0 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.319 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX039452.D
Acq: 22 Dec 2023 19:53

Tgt Ion: 117 Resp: 11489
Ion Ratio Lower Upper
117 100
119 4.3 78.2 117.2#
121 0.0 24.4 36.6#

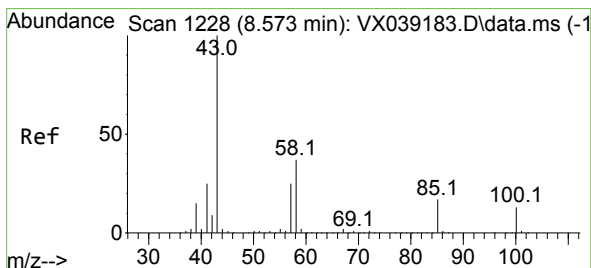
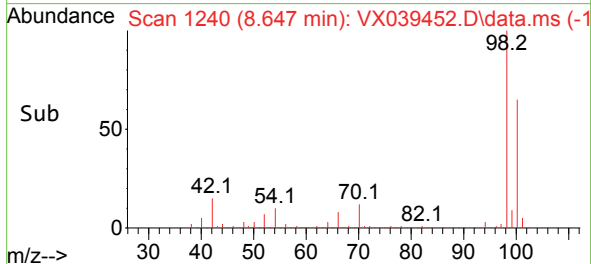
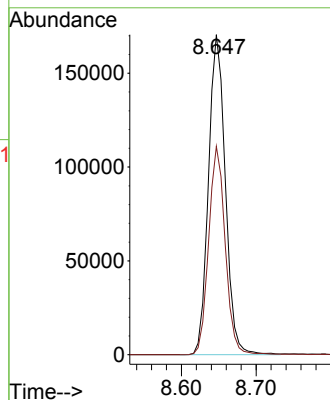
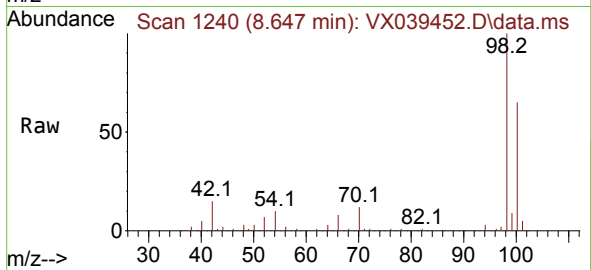




#50
Toluene-d8
Concen: 50.270 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039452.D
Acq: 22 Dec 2023 19:53

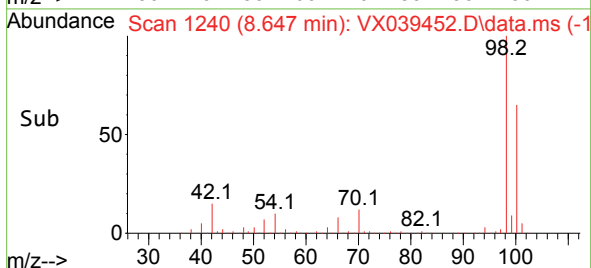
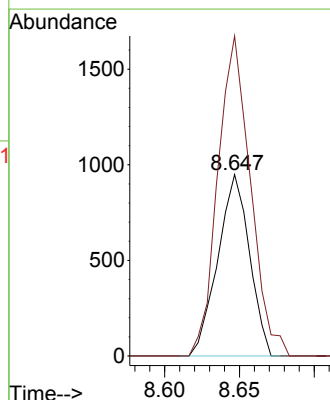
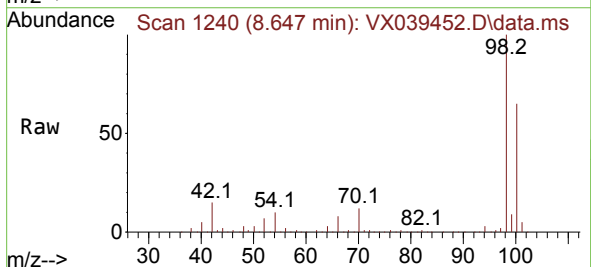
Instrument :
MSVOA_X
ClientSampleId :

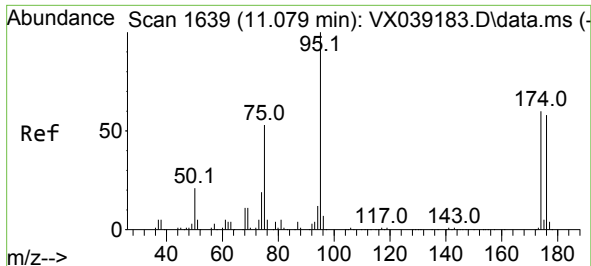
Tgt Ion: 98 Resp: 267684
Ion Ratio Lower Upper
98 100
100 64.0 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.482 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX039452.D
Acq: 22 Dec 2023 19:53

Tgt Ion: 43 Resp: 1397
Ion Ratio Lower Upper
43 100
58 181.7 30.4 45.6#

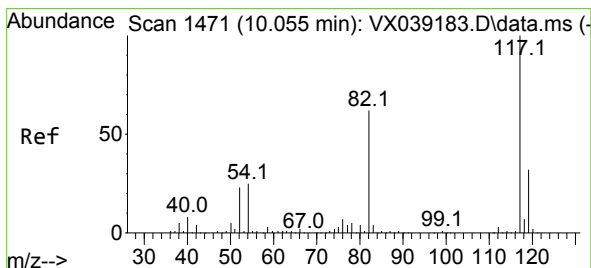
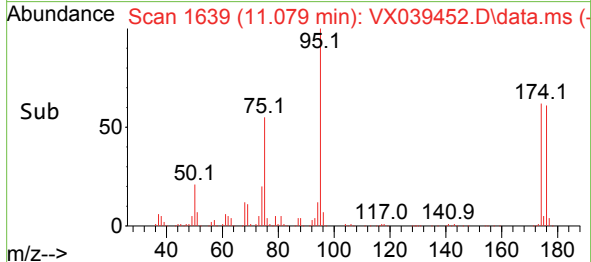
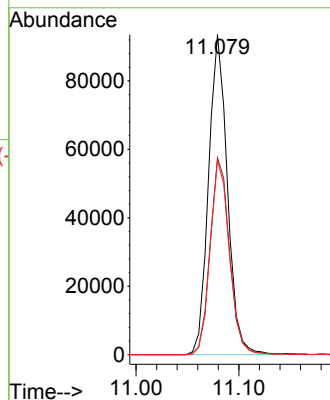
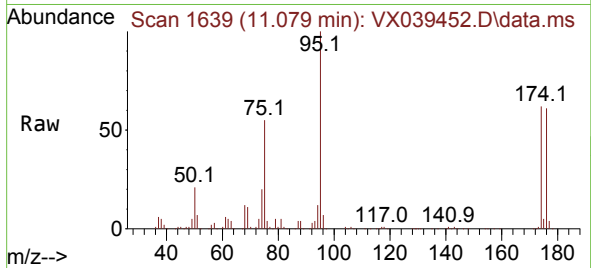




#62
4-Bromofluorobenzene
Concen: 54.137 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX039452.D
Acq: 22 Dec 2023 19:53

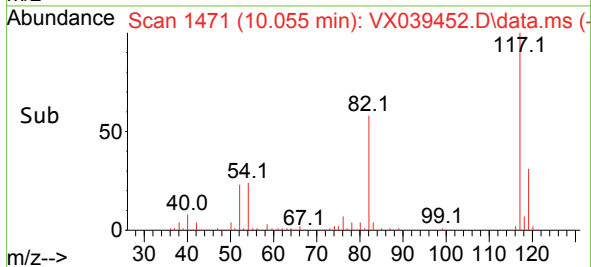
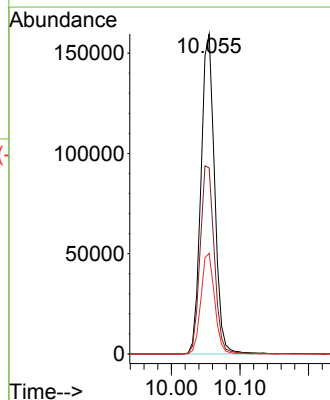
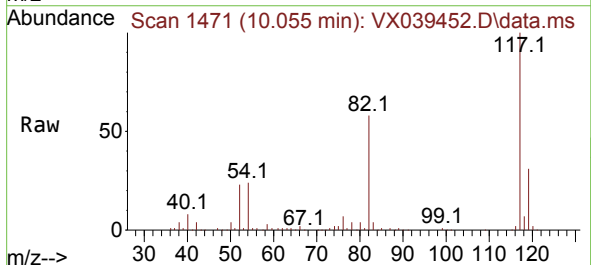
Instrument :
MSVOA_X
ClientSampleId :

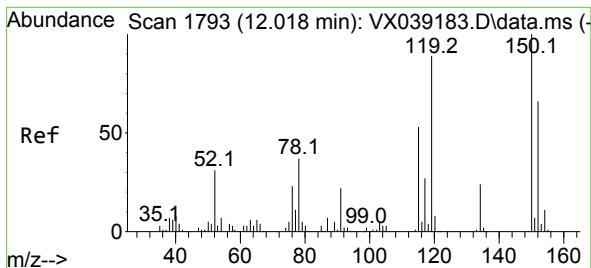
Tgt Ion: 95 Resp: 118940
Ion Ratio Lower Upper
95 100
174 63.4 0.0 135.6
176 61.7 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX039452.D
Acq: 22 Dec 2023 19:53

Tgt Ion: 117 Resp: 221653
Ion Ratio Lower Upper
117 100
82 58.1 46.2 69.4
119 31.4 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX039452.D

Acq: 22 Dec 2023 19:53

Instrument :

MSVOA_X

ClientSampleId :

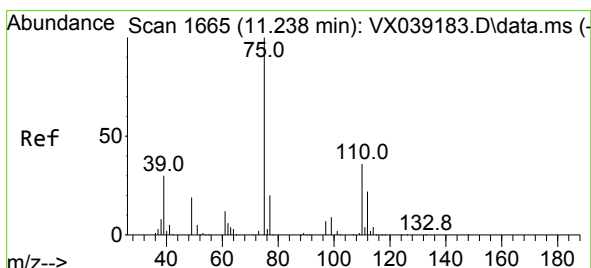
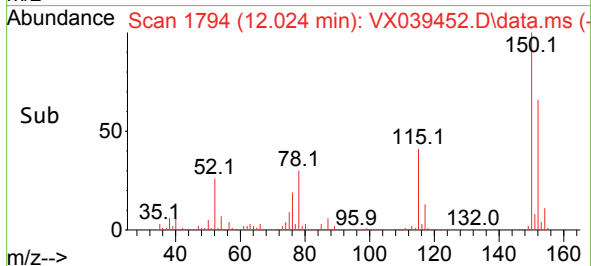
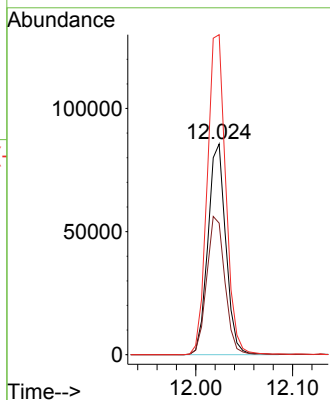
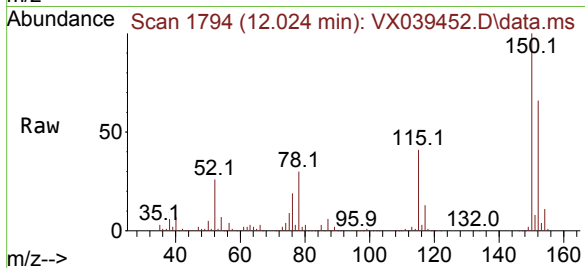
Tgt Ion:152 Resp: 110243

Ion Ratio Lower Upper

152 100

115 67.1 43.3 129.9

150 157.3 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 23.213 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX039452.D

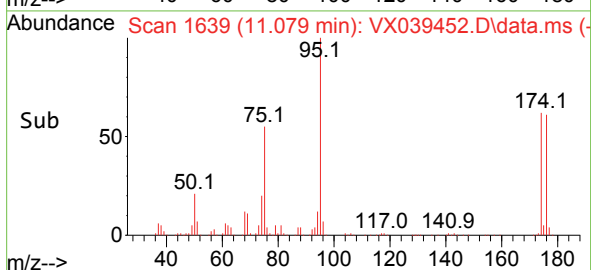
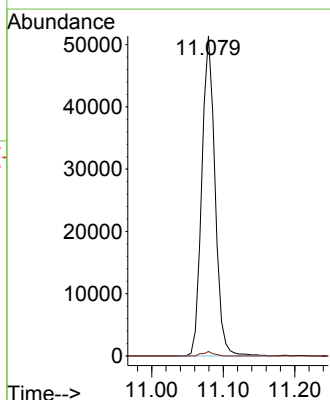
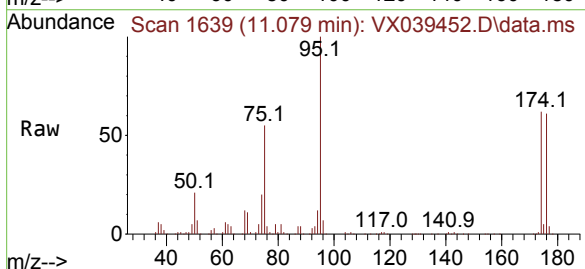
Acq: 22 Dec 2023 19:53

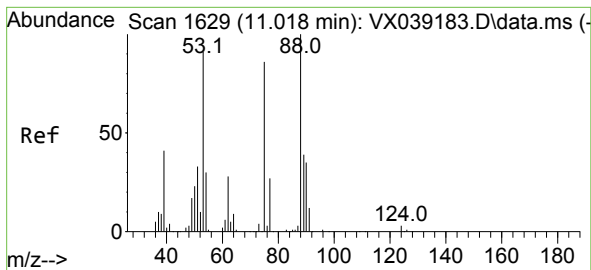
Tgt Ion: 75 Resp: 66209

Ion Ratio Lower Upper

75 100

77 1.2 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 65.485 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX039452.D
 Acq: 22 Dec 2023 19:53

Instrument :
 MSVOA_X
 ClientSampleId :

Tgt Ion: 75 Resp: 66209
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

