

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121423\
 Data File : VX039201.D
 Acq On : 14 Dec 2023 12:07
 Operator : JC/MD
 Sample : 05719-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 15 02:58:45 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)

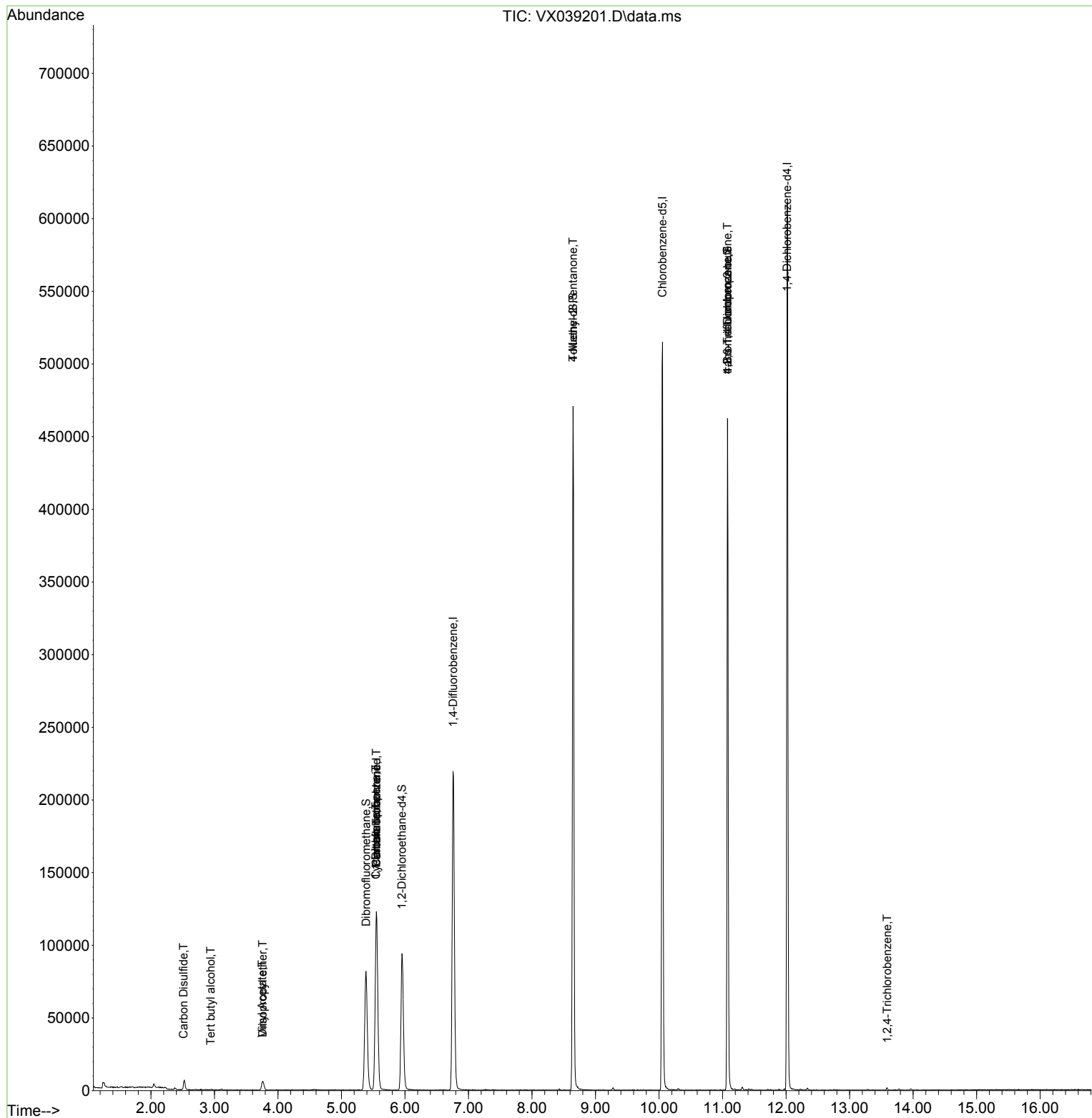
Internal Standards						
1) Pentafluorobenzene	5.550	168	104611	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	214717	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	223724	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	114734	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	92476	48.255	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.520%
35) Dibromofluoromethane	5.385	113	71274	48.049	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.100%
50) Toluene-d8	8.647	98	272875	49.550	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.100%
62) 4-Bromofluorobenzene	11.079	95	126351	55.608	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	111.220%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.940	59	522	1.085	ug/l #	78
16) Acetone	2.373	43	1240	Below Cal		91
17) Carbon Disulfide	2.514	76	865	0.220	ug/l #	92
22) Diisopropyl ether	3.757	45	6865	1.384	ug/l #	67
23) Vinyl Acetate	3.751	43	3576	0.968	ug/l #	73
31) Cyclohexane	5.544	56	2921	1.180	ug/l #	24
36) 1,1-Dichloropropene	5.544	75	10347	4.420	ug/l #	46
38) Carbon Tetrachloride	5.550	117	12084	5.409	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	1444	0.482	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	69738	23.494	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	69738	66.276	ug/l #	5
93) 1,2,4-Trichlorobenzene	13.591	180	550	0.228	ug/l	91

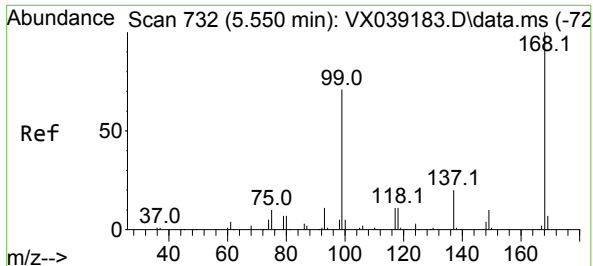
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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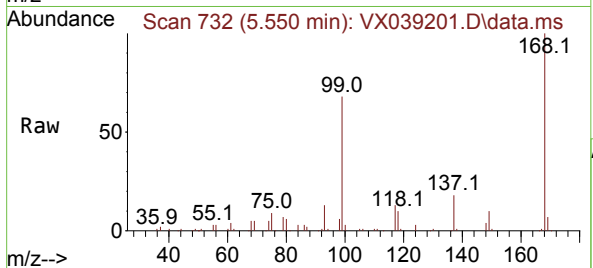
Quant Time: Dec 15 02:58:45 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 14 01:28:15 2023
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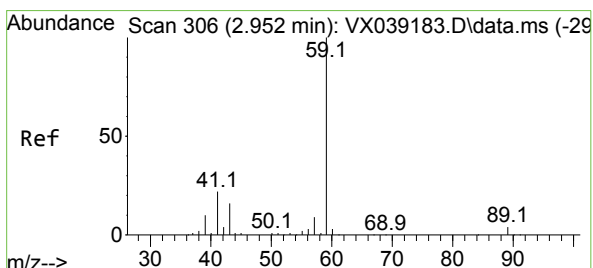
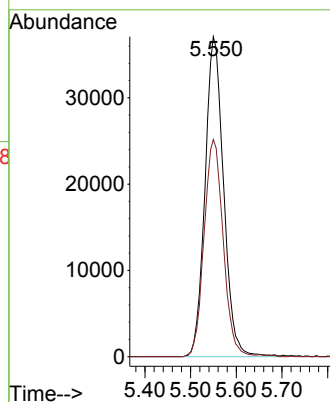
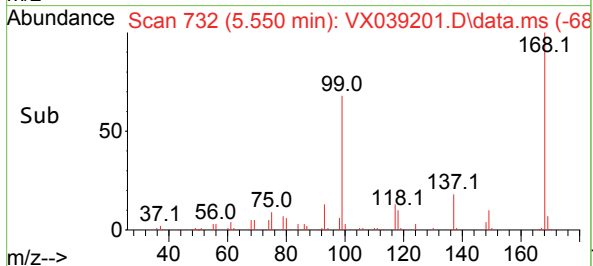


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX039201.D
Acq: 14 Dec 2023 12:07

Instrument :
MSVOA_X
ClientSampleId :

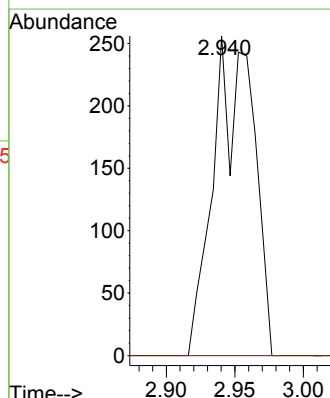
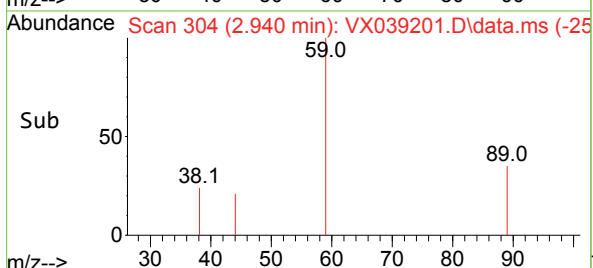
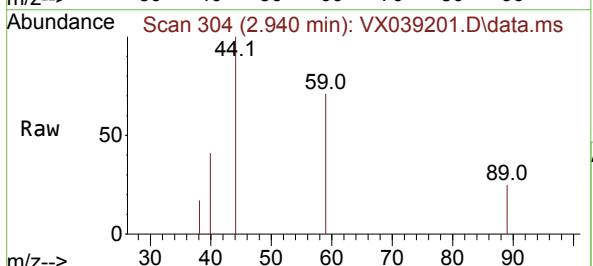


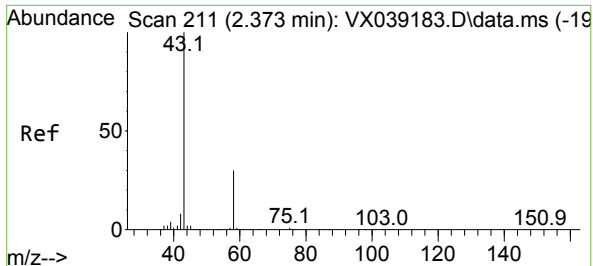
Tgt Ion:168 Resp: 104611
Ion Ratio Lower Upper
168 100
99 67.9 56.6 85.0



#11
Tert butyl alcohol
Concen: 1.085 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.012 min
Lab File: VX039201.D
Acq: 14 Dec 2023 12:07

Tgt Ion: 59 Resp: 522
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: VX039201.D

Acq: 14 Dec 2023 12:07

Instrument :

MSVOA_X

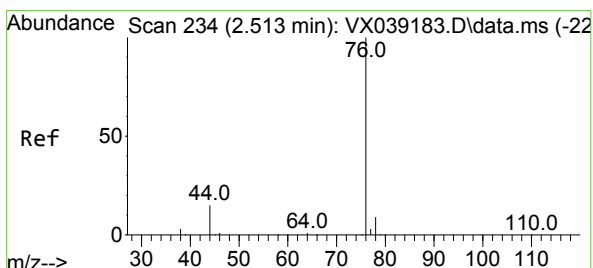
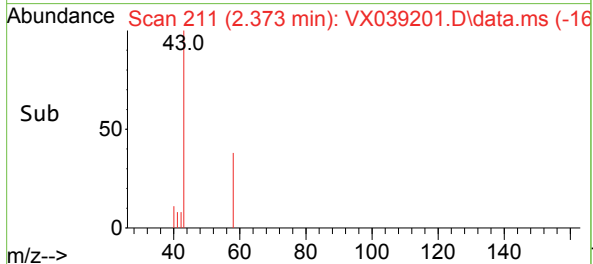
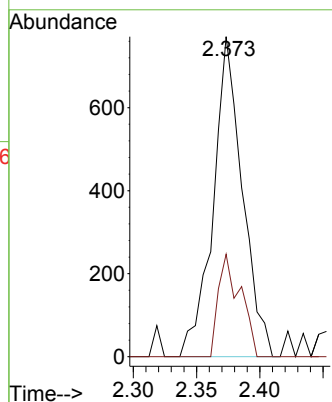
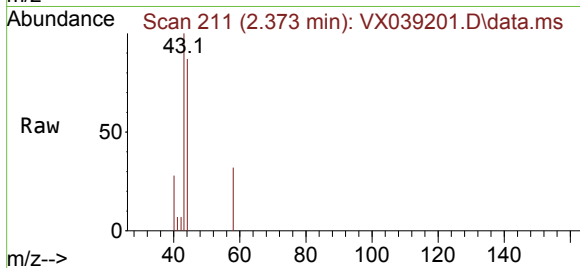
ClientSampleId :

Tgt Ion: 43 Resp: 1240

Ion Ratio Lower Upper

43 100

58 32.0 21.9 32.9



#17

Carbon Disulfide

Concen: 0.220 ug/l

RT: 2.514 min Scan# 234

Delta R.T. 0.000 min

Lab File: VX039201.D

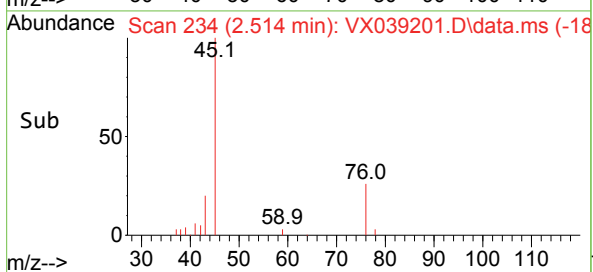
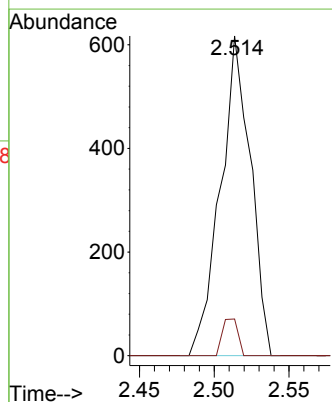
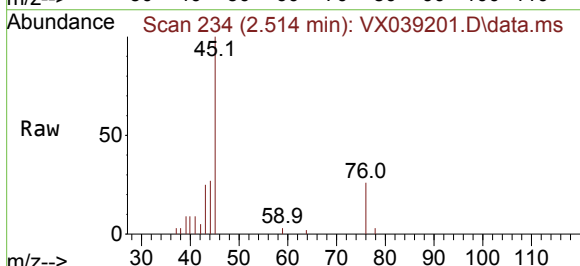
Acq: 14 Dec 2023 12:07

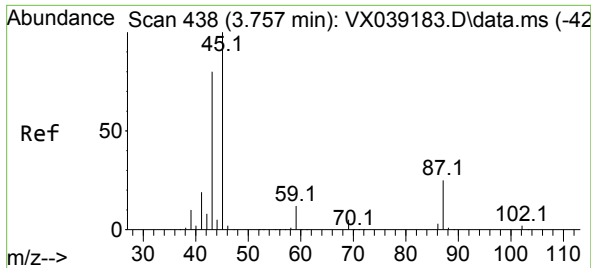
Tgt Ion: 76 Resp: 865

Ion Ratio Lower Upper

76 100

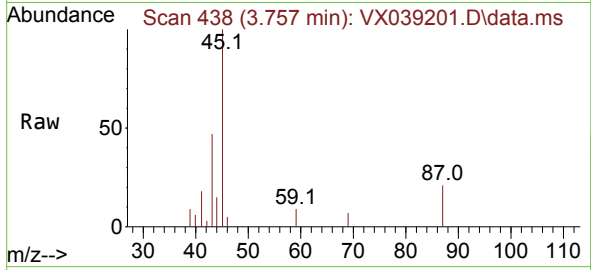
78 11.5 7.0 10.6#



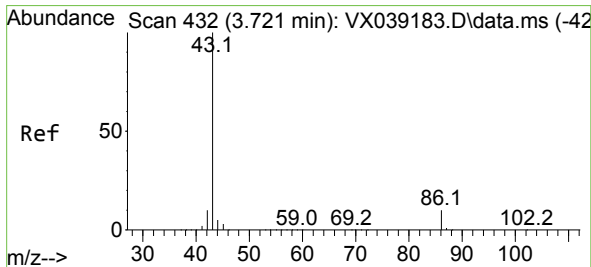
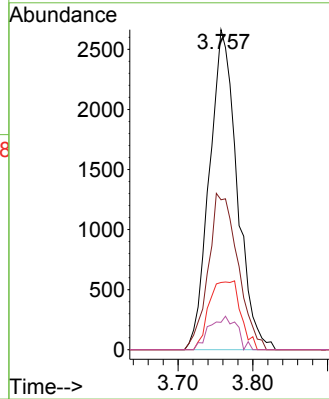
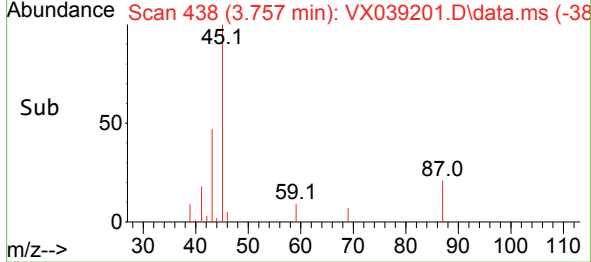


#22
Diisopropyl ether
Concen: 1.384 ug/l
RT: 3.757 min Scan# 41
Delta R.T. 0.000 min
Lab File: VX039201.D
Acq: 14 Dec 2023 12:07

Instrument :
MSVOA_X
ClientSampleId :

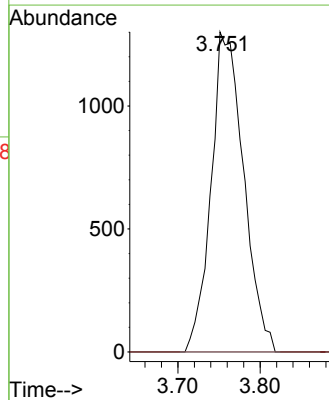
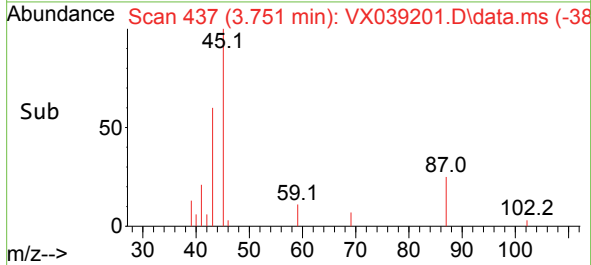
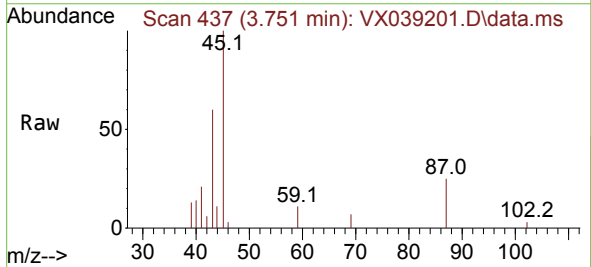


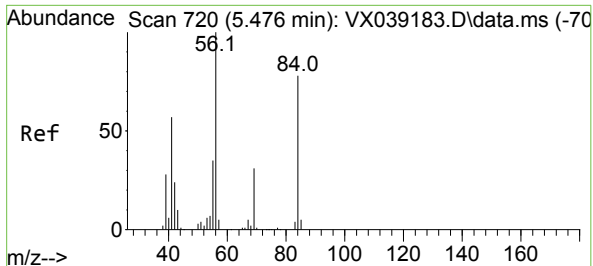
Tgt Ion: 45 Resp: 6865
Ion Ratio Lower Upper
45 100
43 46.8 69.7 104.5#
87 21.0 20.8 31.2
59 8.6 9.0 13.4#



#23
Vinyl Acetate
Concen: 0.968 ug/l
RT: 3.751 min Scan# 437
Delta R.T. 0.031 min
Lab File: VX039201.D
Acq: 14 Dec 2023 12:07

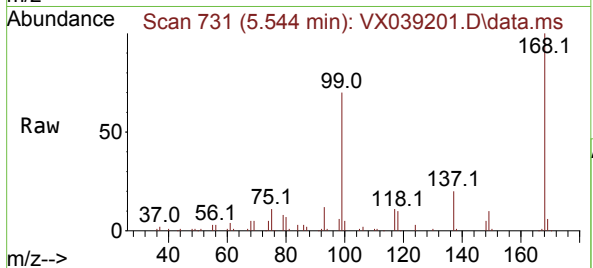
Tgt Ion: 43 Resp: 3576
Ion Ratio Lower Upper
43 100
86 0.0 7.8 11.8#



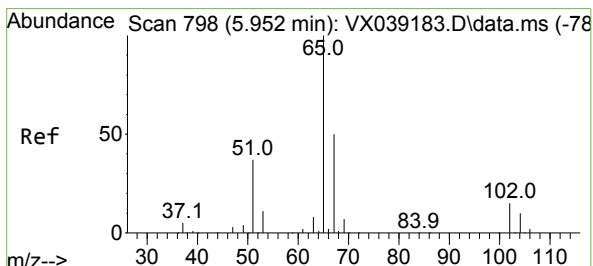
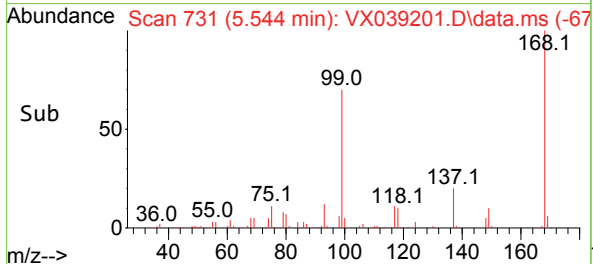
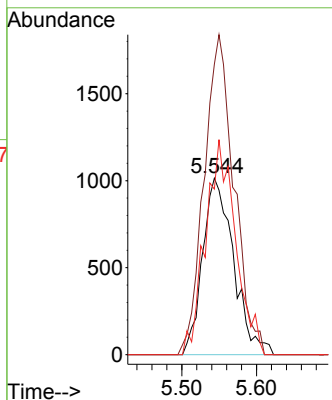


#31
Cyclohexane
Concen: 1.180 ug/l
RT: 5.544 min Scan# 71
Delta R.T. 0.067 min
Lab File: VX039201.D
Acq: 14 Dec 2023 12:07

Instrument :
MSVOA_X
ClientSampleId :

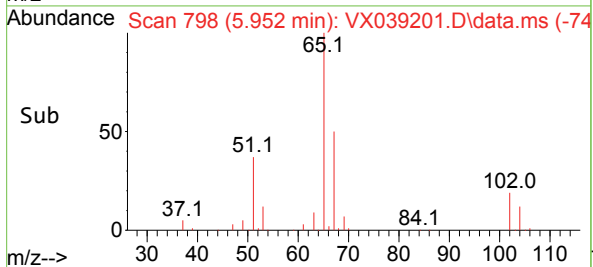
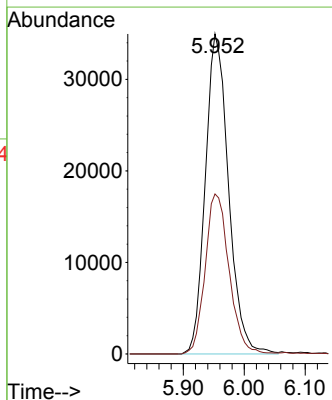
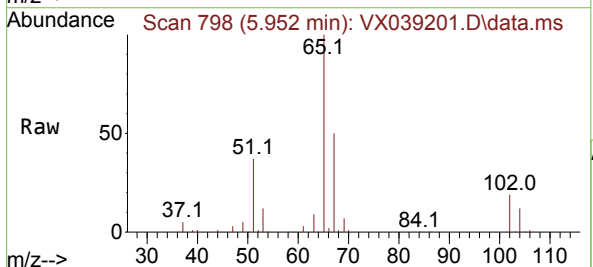


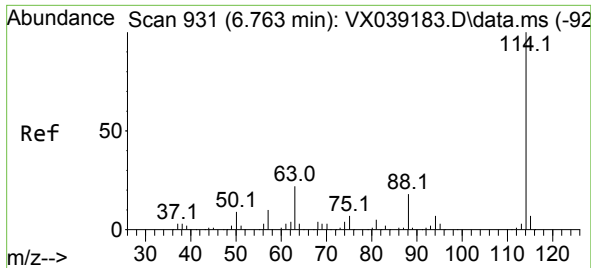
Tgt Ion: 56 Resp: 2921
Ion Ratio Lower Upper
56 100
69 164.6 23.4 35.2#
84 93.9 65.9 98.9



#33
1,2-Dichloroethane-d4
Concen: 48.255 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX039201.D
Acq: 14 Dec 2023 12:07

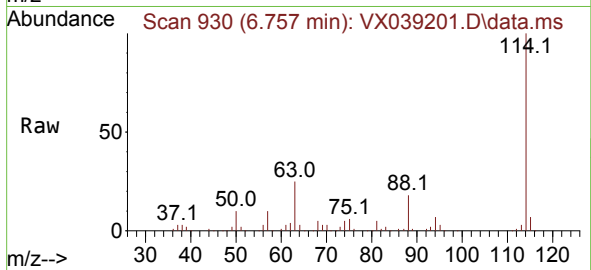
Tgt Ion: 65 Resp: 92476
Ion Ratio Lower Upper
65 100
67 51.5 0.0 100.2



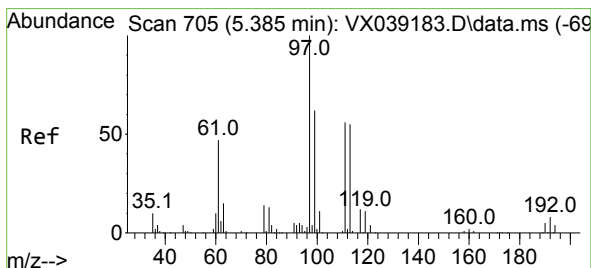
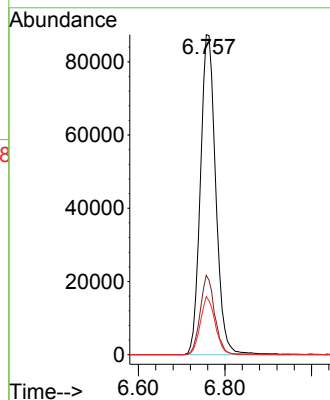
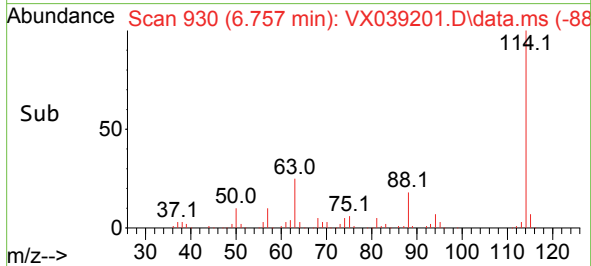


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX039201.D
Acq: 14 Dec 2023 12:07

Instrument :
MSVOA_X
ClientSampleId :

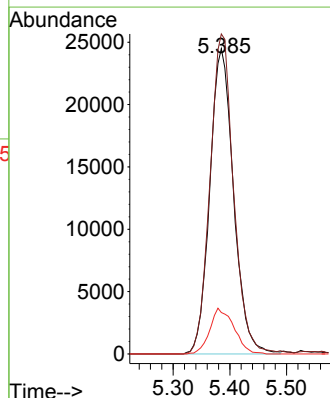
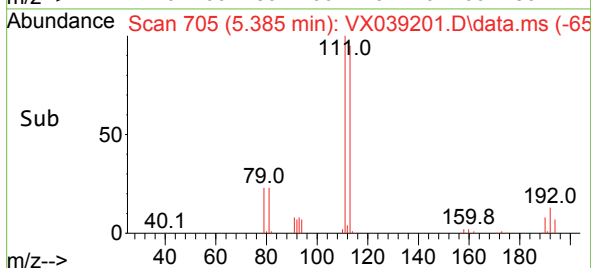
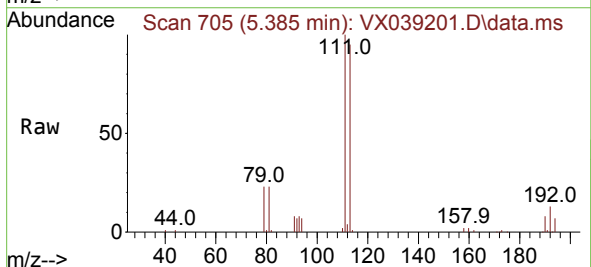


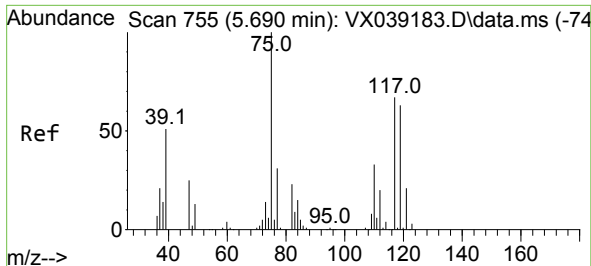
Tgt Ion:114 Resp: 214717
Ion Ratio Lower Upper
114 100
63 24.8 0.0 45.0
88 18.1 0.0 36.6



#35
Dibromofluoromethane
Concen: 48.049 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX039201.D
Acq: 14 Dec 2023 12:07

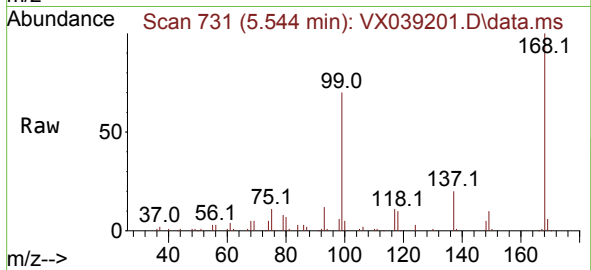
Tgt Ion:113 Resp: 71274
Ion Ratio Lower Upper
113 100
111 103.8 82.9 124.3
192 15.2 13.3 19.9



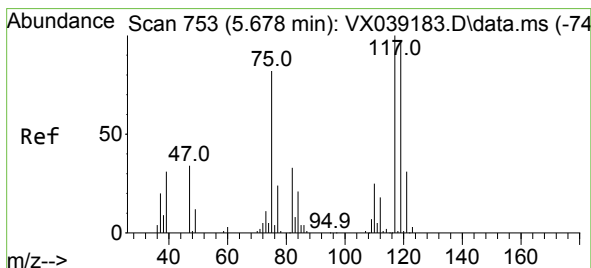
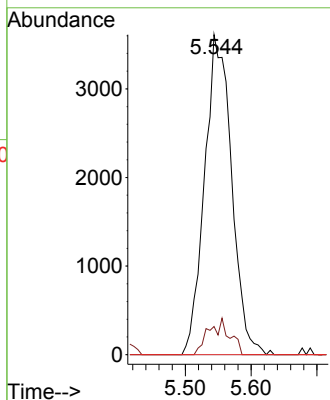
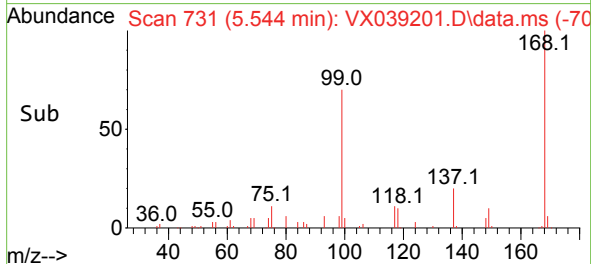


#36
1,1-Dichloropropene
Concen: 4.420 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX039201.D
Acq: 14 Dec 2023 12:07

Instrument :
MSVOA_X
ClientSampleId :

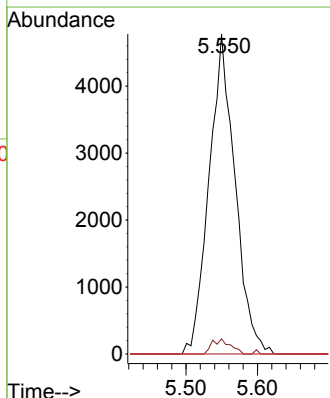
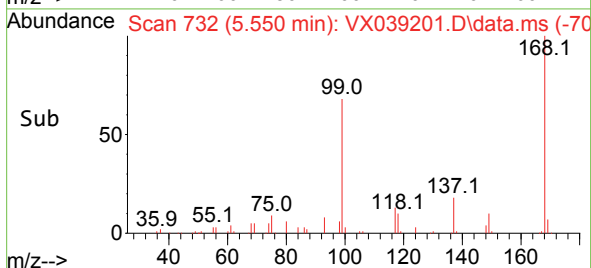
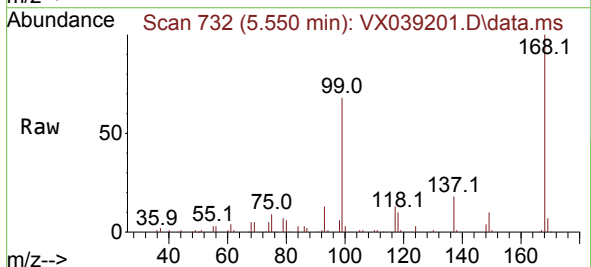


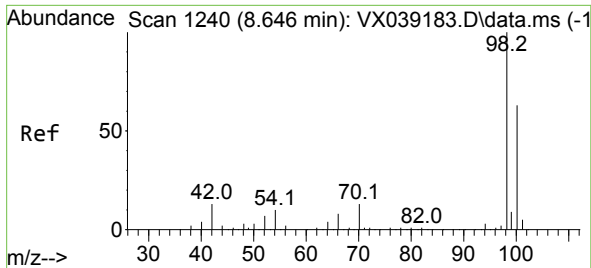
Tgt Ion: 75 Resp: 10347
Ion Ratio Lower Upper
75 100
110 4.6 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.409 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX039201.D
Acq: 14 Dec 2023 12:07

Tgt Ion: 117 Resp: 12084
Ion Ratio Lower Upper
117 100
119 4.7 78.2 117.2#
121 0.0 24.4 36.6#

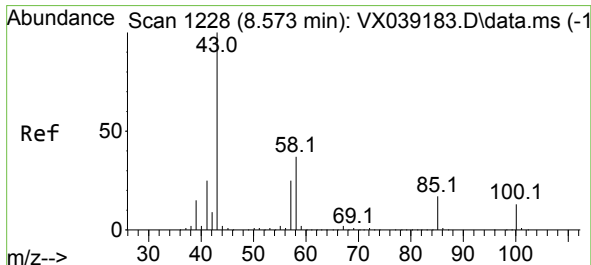
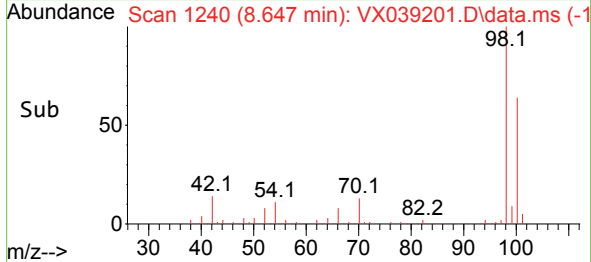
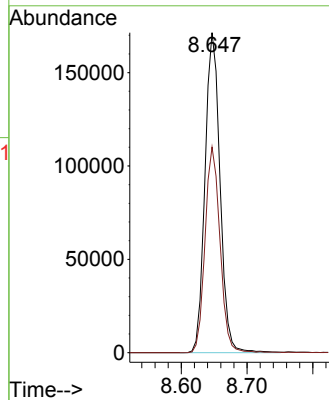
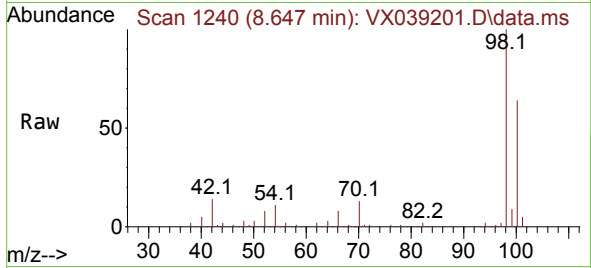




#50
Toluene-d8
Concen: 49.550 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX039201.D
Acq: 14 Dec 2023 12:07

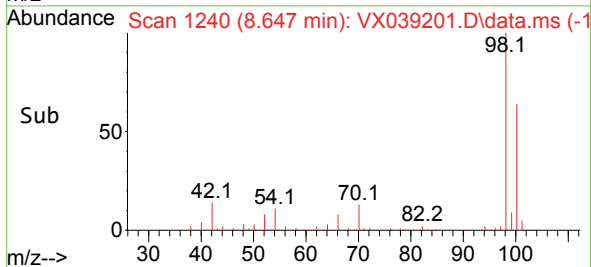
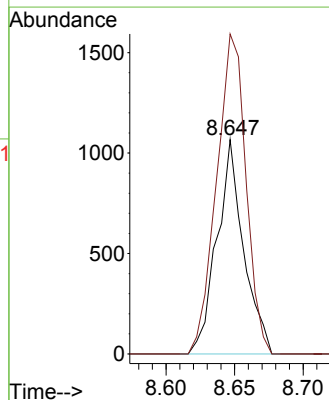
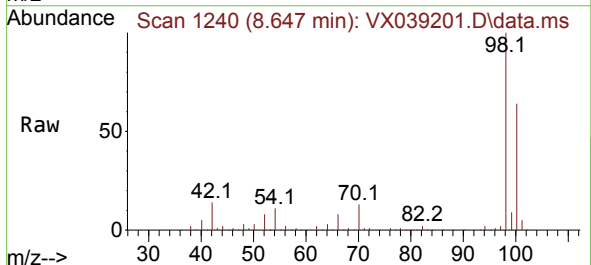
Instrument :
MSVOA_X
ClientSampleId :

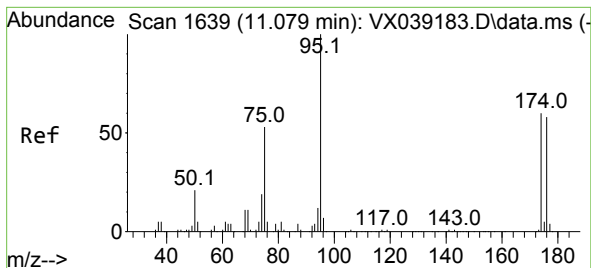
Tgt Ion: 98 Resp: 272875
Ion Ratio Lower Upper
98 100
100 64.0 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.482 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX039201.D
Acq: 14 Dec 2023 12:07

Tgt Ion: 43 Resp: 1444
Ion Ratio Lower Upper
43 100
58 164.4 30.4 45.6#

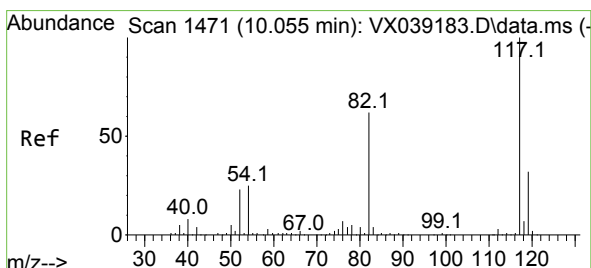
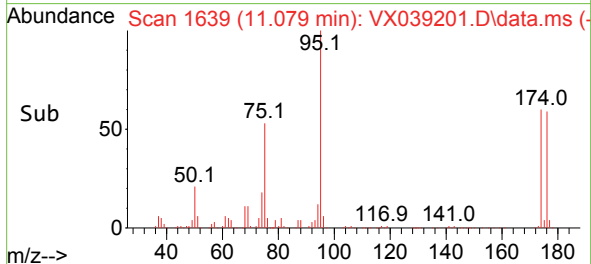
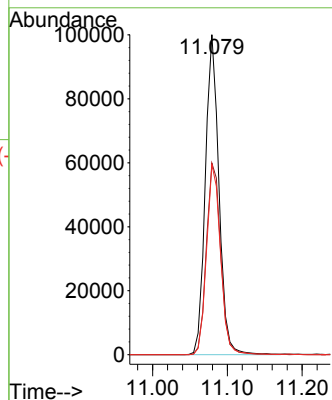
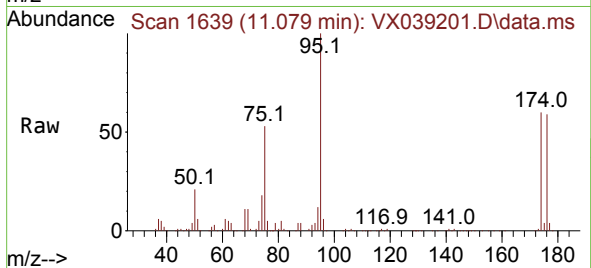




#62
4-Bromofluorobenzene
Concen: 55.608 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039201.D
Acq: 14 Dec 2023 12:07

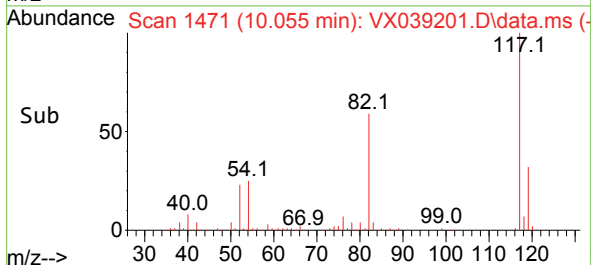
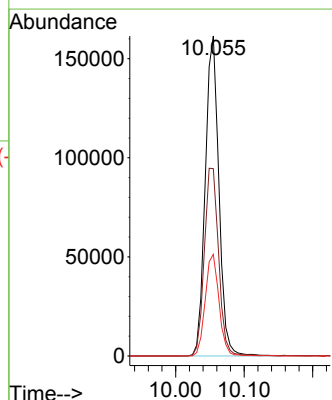
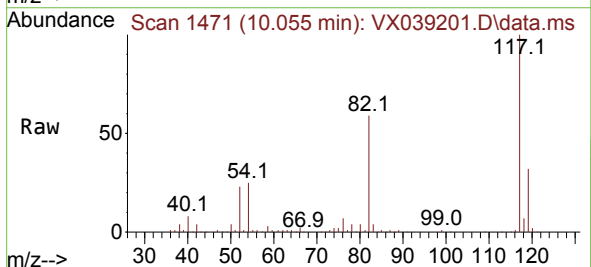
Instrument :
MSVOA_X
ClientSampleId :

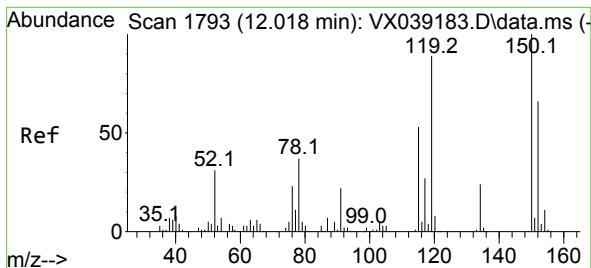
Tgt Ion: 95 Resp: 126351
Ion Ratio Lower Upper
95 100
174 63.4 0.0 135.6
176 61.0 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX039201.D
Acq: 14 Dec 2023 12:07

Tgt Ion: 117 Resp: 223724
Ion Ratio Lower Upper
117 100
82 58.5 46.2 69.4
119 31.8 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX039201.D

Acq: 14 Dec 2023 12:07

Instrument :

MSVOA_X

ClientSampleId :

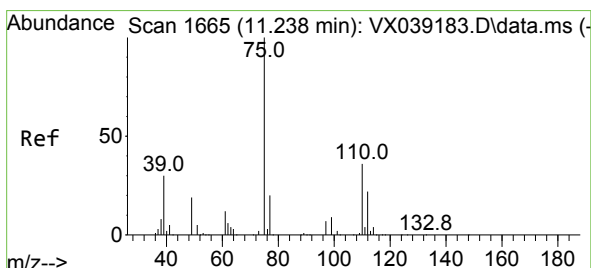
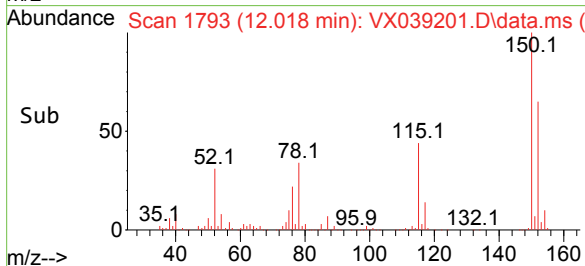
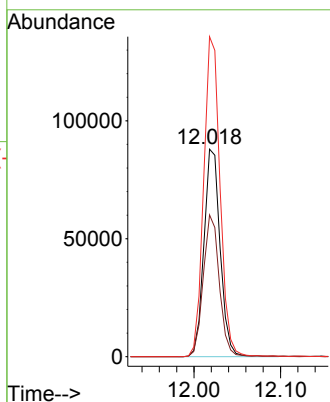
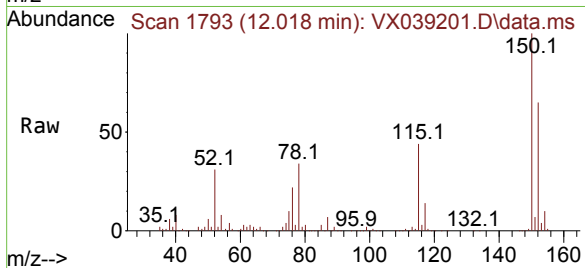
Tgt Ion:152 Resp: 114734

Ion Ratio Lower Upper

152 100

115 67.6 43.3 129.9

150 155.1 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 23.494 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX039201.D

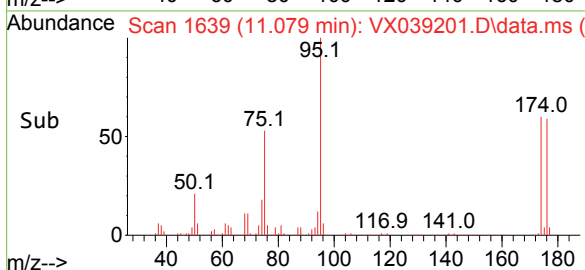
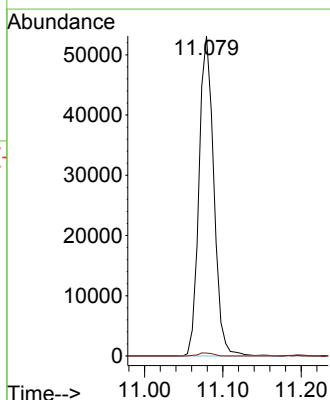
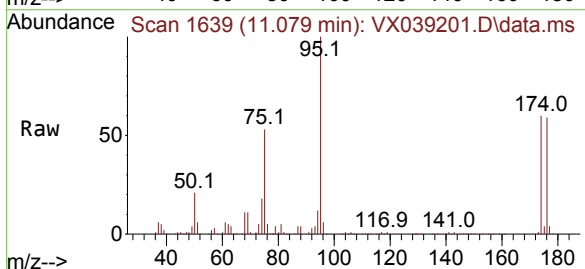
Acq: 14 Dec 2023 12:07

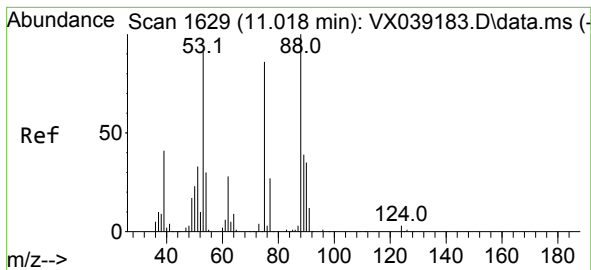
Tgt Ion: 75 Resp: 69738

Ion Ratio Lower Upper

75 100

77 1.0 19.1 57.5#

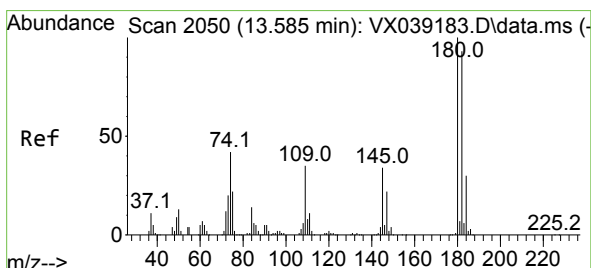
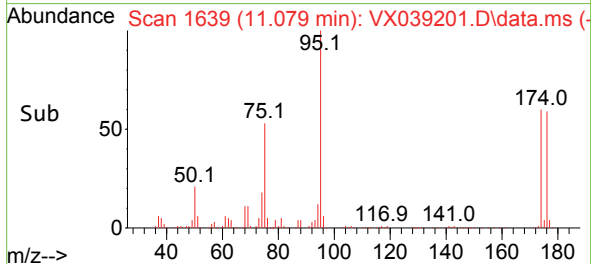
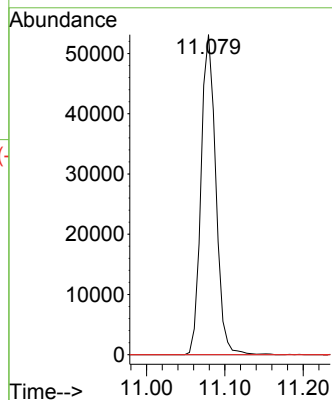
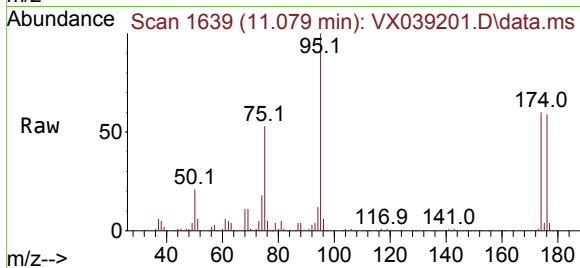




#81
trans-1,4-Dichloro-2-butene
Concen: 66.276 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX039201.D
Acq: 14 Dec 2023 12:07

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 69738
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: 0.228 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX039201.D
Acq: 14 Dec 2023 12:07

Tgt Ion:180 Resp: 550
Ion Ratio Lower Upper
180 100
182 90.2 48.3 144.8
145 25.8 18.0 54.0

