

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121423\
 Data File : VX039197.D
 Acq On : 14 Dec 2023 10:32
 Operator : JC/MD
 Sample : VX1214WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 15 02:56:21 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)

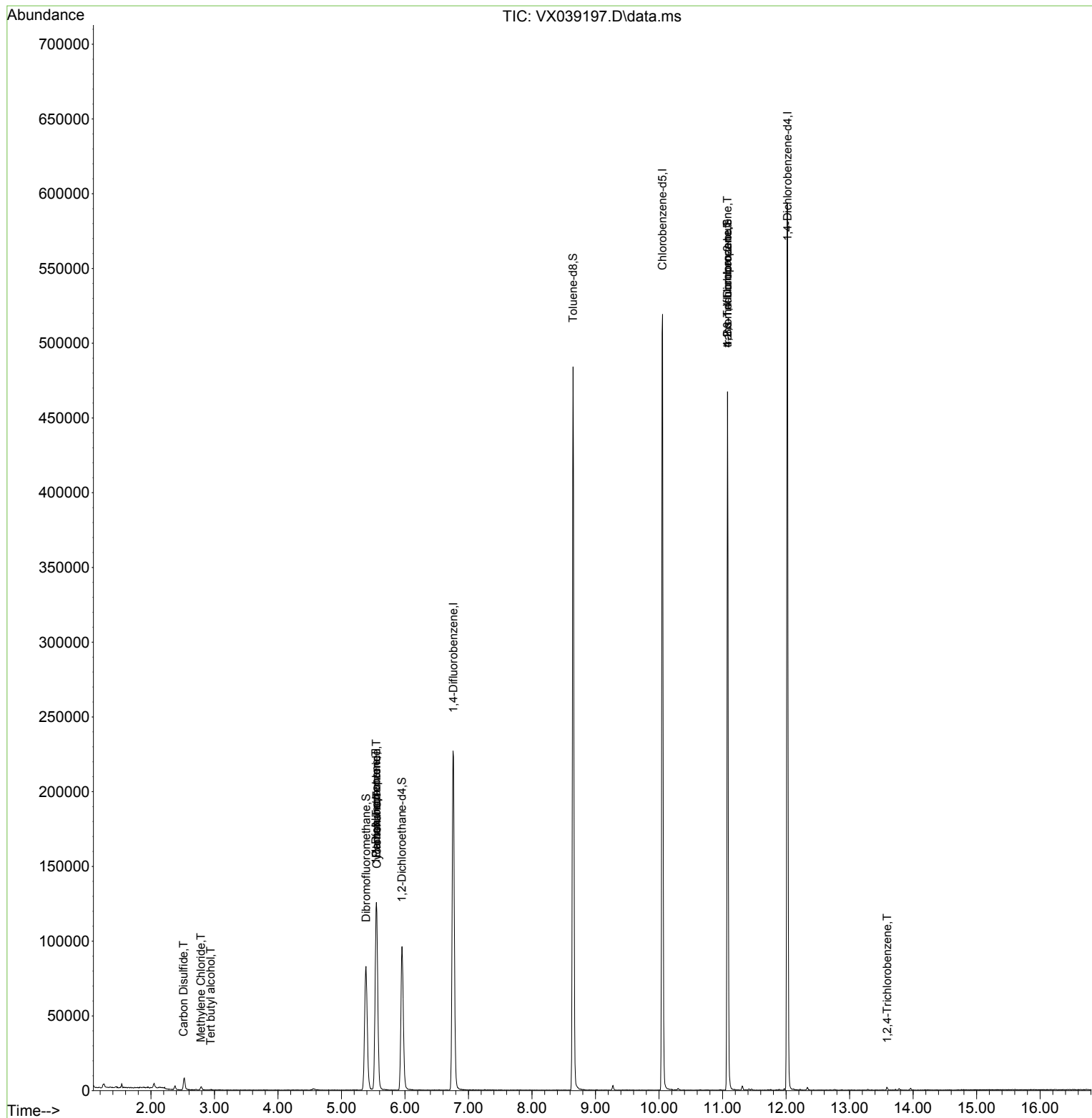
Internal Standards						
1) Pentafluorobenzene	5.550	168	108141	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	220087	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	226632	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	114304	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	94041	47.470	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.940%
35) Dibromofluoromethane	5.385	113	73385	48.265	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.520%
50) Toluene-d8	8.647	98	279933	49.592	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.180%
62) 4-Bromofluorobenzene	11.079	95	125560	53.911	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	107.820%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.941	59	166	0.334	ug/l #	78
16) Acetone	2.380	43	2617	Below Cal		94
17) Carbon Disulfide	2.514	76	1044	0.257	ug/l #	84
20) Methylene Chloride	2.788	84	1060	0.642	ug/l #	93
31) Cyclohexane	5.556	56	3090	1.208	ug/l #	28
36) 1,1-Dichloropropene	5.544	75	10539	4.392	ug/l #	50
38) Carbon Tetrachloride	5.550	117	12058	5.266	ug/l #	15
76) 1,2,3-Trichloropropane	11.079	75	69721	23.576	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	69721	66.509	ug/l #	5
93) 1,2,4-Trichlorobenzene	13.591	180	776	0.323	ug/l	76

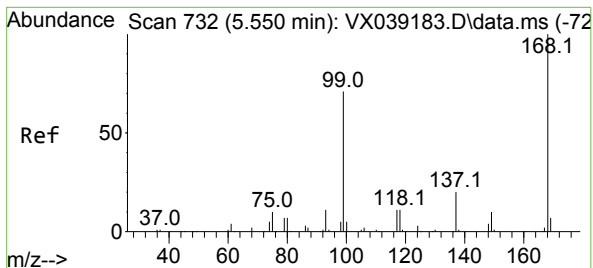
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Dec 14 01:28:15 2023
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: VX039197.D

Acq: 14 Dec 2023 10:32

Instrument :

MSVOA_X

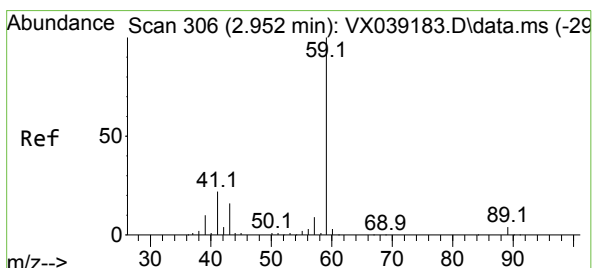
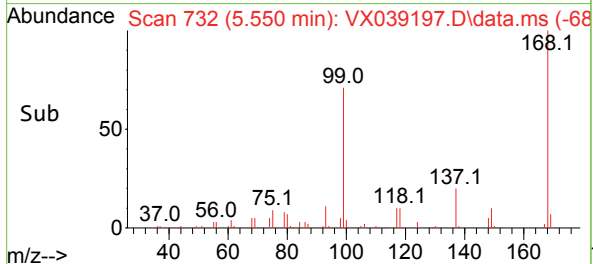
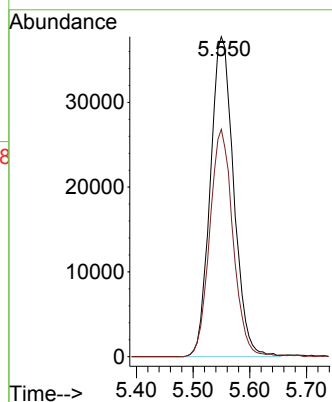
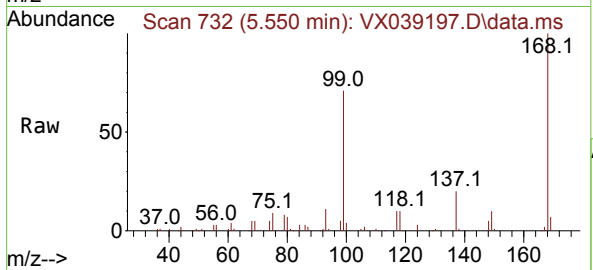
ClientSampleId :

Tgt Ion:168 Resp: 108141

Ion Ratio Lower Upper

168 100

99 71.1 56.6 85.0



#11

Tert butyl alcohol

Concen: 0.334 ug/l

RT: 2.941 min Scan# 304

Delta R.T. -0.012 min

Lab File: VX039197.D

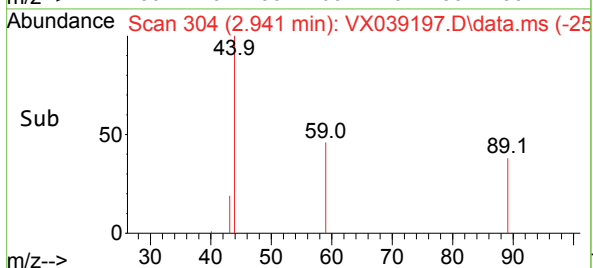
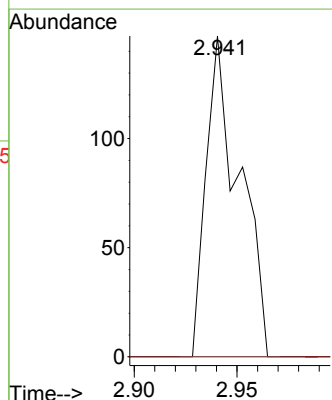
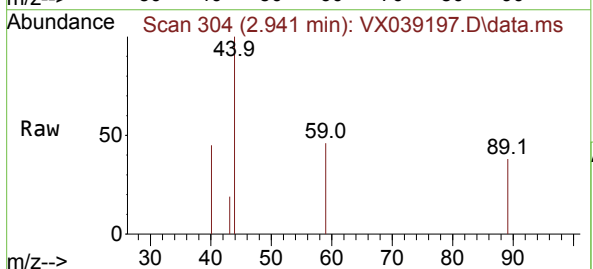
Acq: 14 Dec 2023 10:32

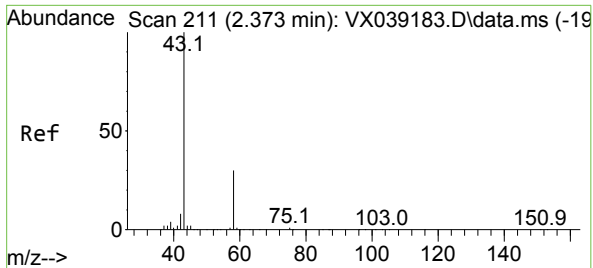
Tgt Ion: 59 Resp: 166

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#

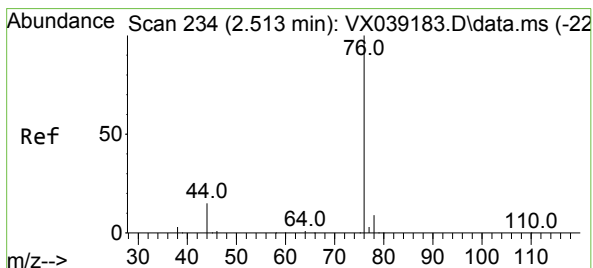
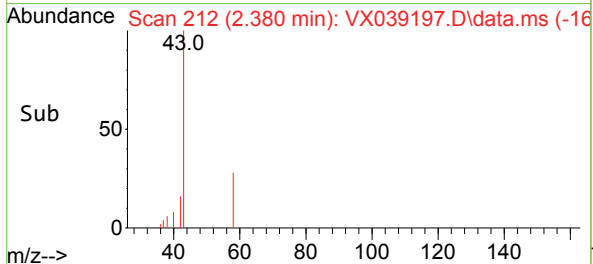
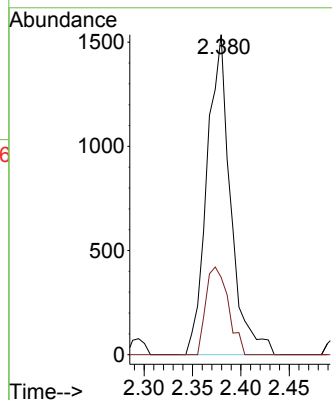
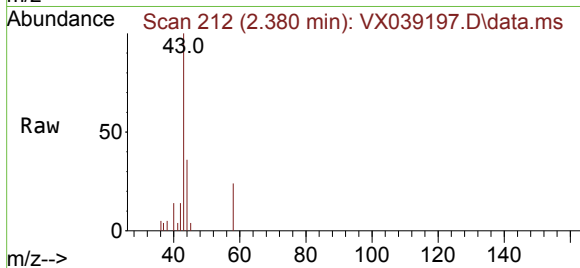




#16
Acetone
Concen: Below Cal
RT: 2.380 min Scan# 211
Delta R.T. 0.007 min
Lab File: VX039197.D
Acq: 14 Dec 2023 10:32

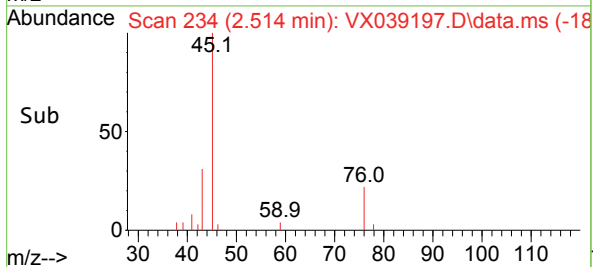
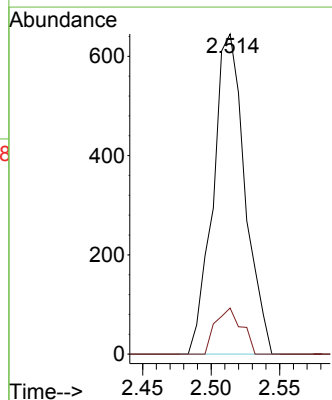
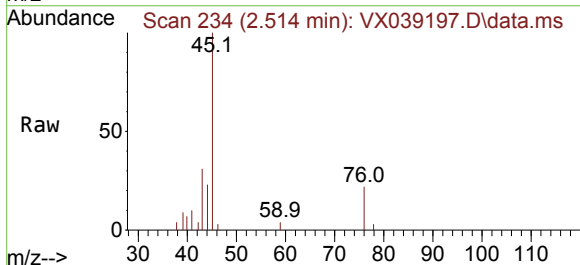
Instrument :
MSVOA_X
ClientSampleId :

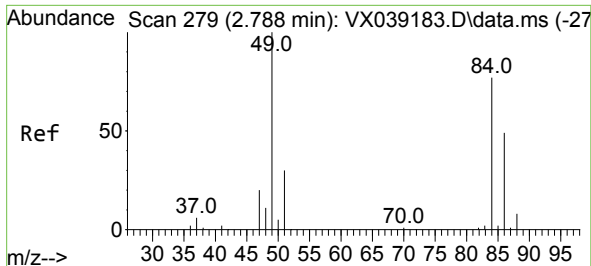
Tgt Ion: 43 Resp: 2617
Ion Ratio Lower Upper
43 100
58 24.2 21.9 32.9



#17
Carbon Disulfide
Concen: 0.257 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.000 min
Lab File: VX039197.D
Acq: 14 Dec 2023 10:32

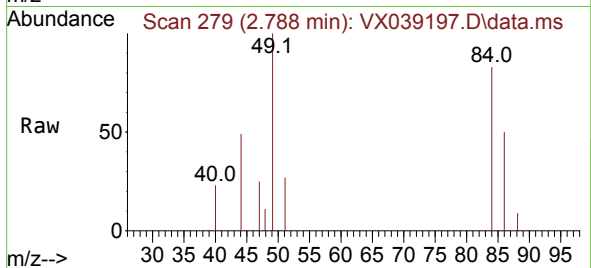
Tgt Ion: 76 Resp: 1044
Ion Ratio Lower Upper
76 100
78 14.4 7.0 10.6#



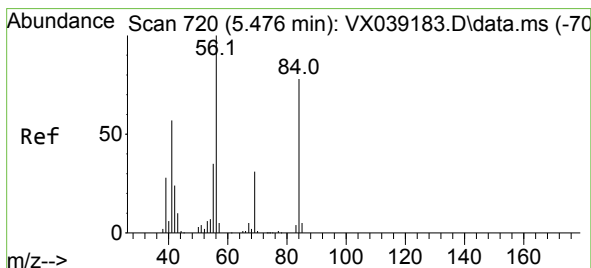
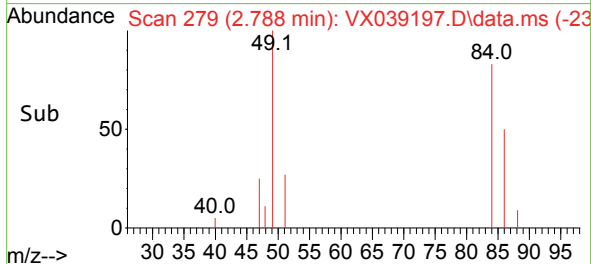
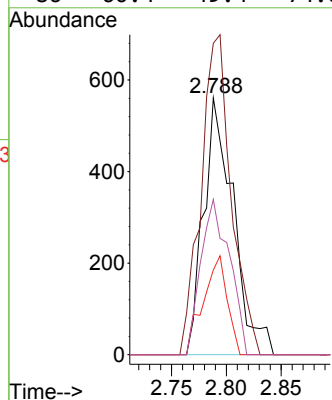


#20
Methylene Chloride
Concen: 0.642 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX039197.D
Acq: 14 Dec 2023 10:32

Instrument :
MSVOA_X
ClientSampleId :

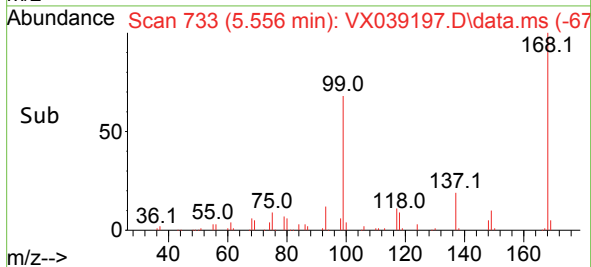
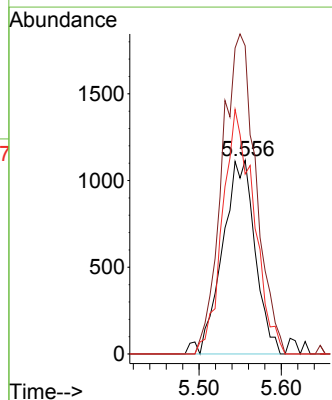
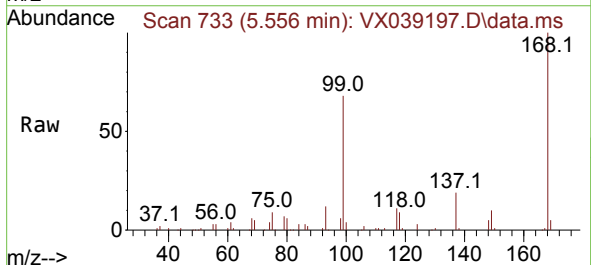


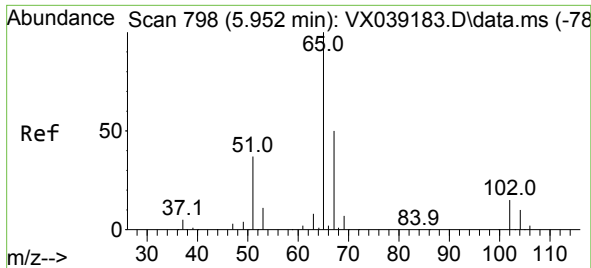
Tgt Ion: 84	Resp: 1060
Ion Ratio	Lower Upper
84 100	
49 121.2	103.6 155.4
51 33.0	33.8 50.6#
86 60.4	49.4 74.0



#31
Cyclohexane
Concen: 1.208 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.080 min
Lab File: VX039197.D
Acq: 14 Dec 2023 10:32

Tgt Ion: 56	Resp: 3090
Ion Ratio	Lower Upper
56 100	
69 159.2	23.4 35.2#
84 92.9	65.9 98.9

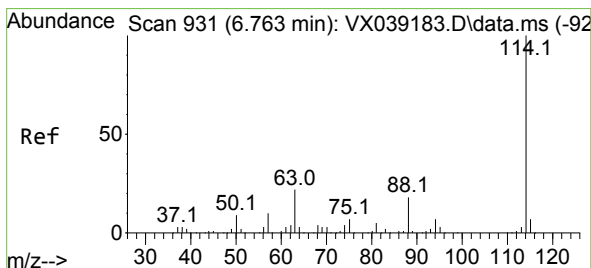
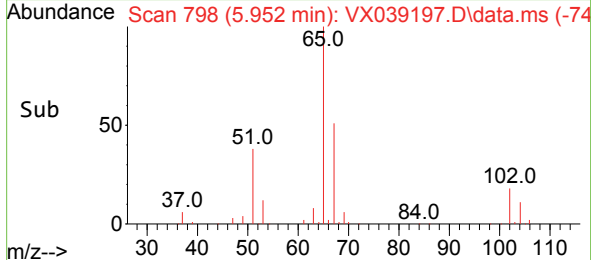
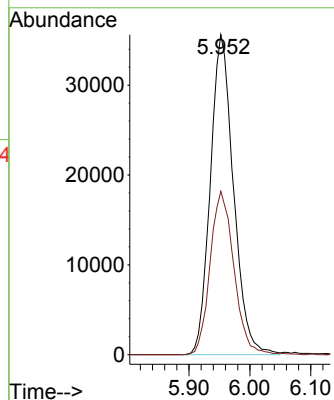
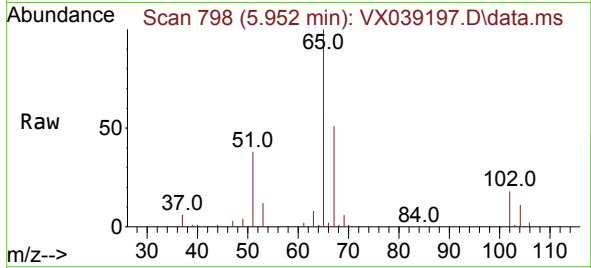




#33
 1,2-Dichloroethane-d4
 Concen: 47.470 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. 0.000 min
 Lab File: VX039197.D
 Acq: 14 Dec 2023 10:32

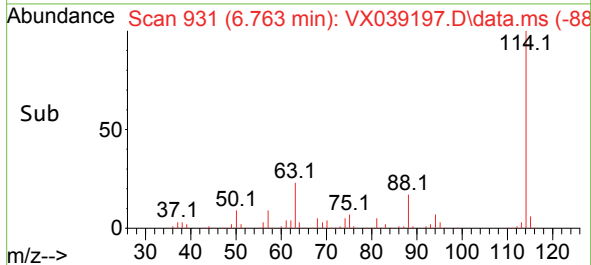
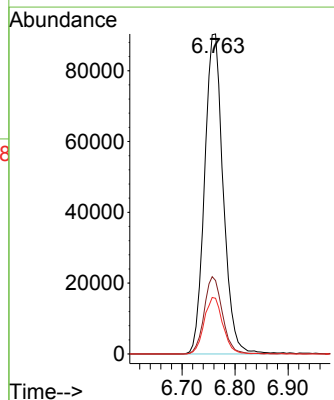
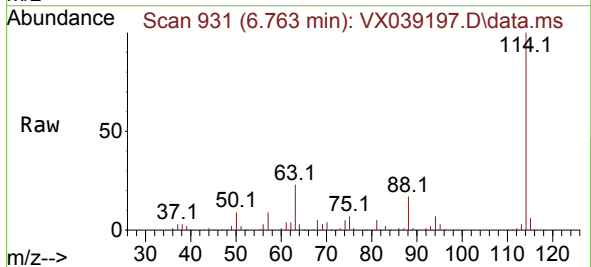
Instrument :
 MSVOA_X
 ClientSampleId :

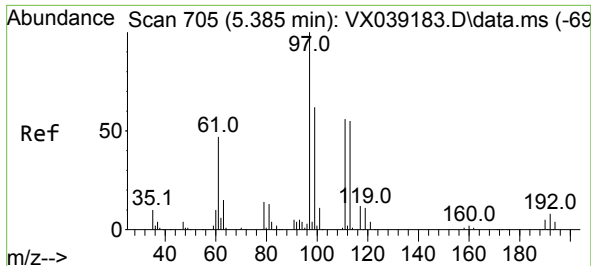
Tgt Ion: 65 Resp: 94041
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX039197.D
 Acq: 14 Dec 2023 10:32

Tgt Ion: 114 Resp: 220087
 Ion Ratio Lower Upper
 114 100
 63 23.0 0.0 45.0
 88 17.4 0.0 36.6





#35

Dibromofluoromethane

Concen: 48.265 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

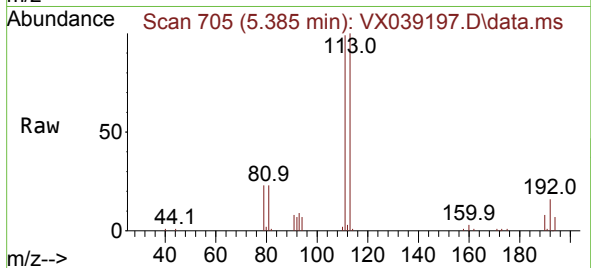
Lab File: VX039197.D

Acq: 14 Dec 2023 10:32

Instrument :

MSVOA_X

ClientSampleId :



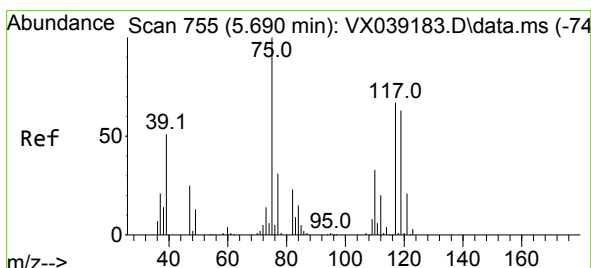
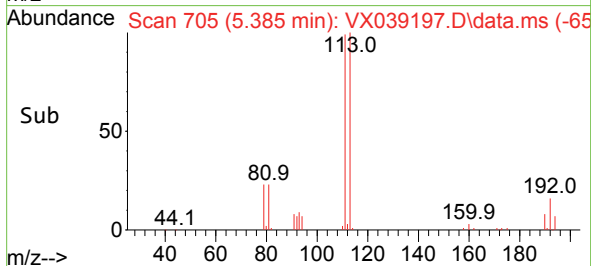
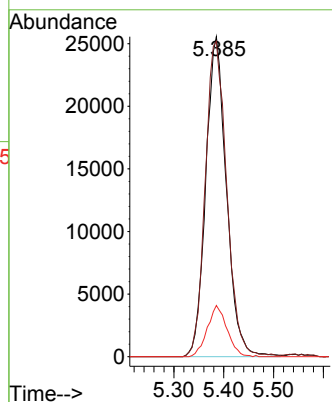
Tgt Ion:113 Resp: 73385

Ion Ratio Lower Upper

113 100

111 102.8 82.9 124.3

192 15.4 13.3 19.9



#36

1,1-Dichloropropene

Concen: 4.392 ug/l

RT: 5.544 min Scan# 731

Delta R.T. -0.146 min

Lab File: VX039197.D

Acq: 14 Dec 2023 10:32

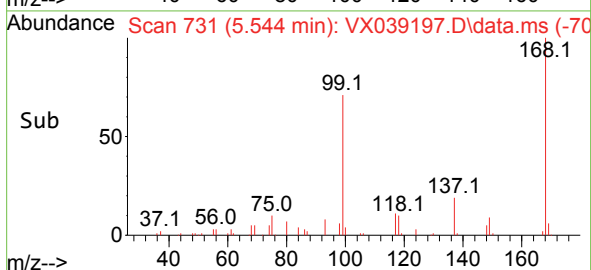
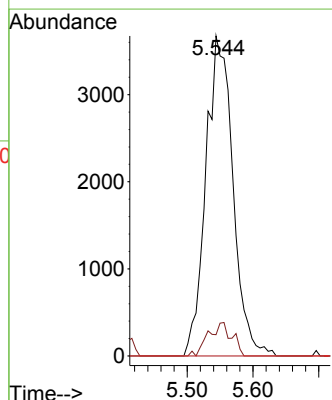
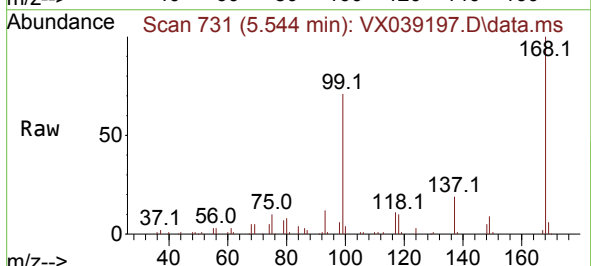
Tgt Ion: 75 Resp: 10539

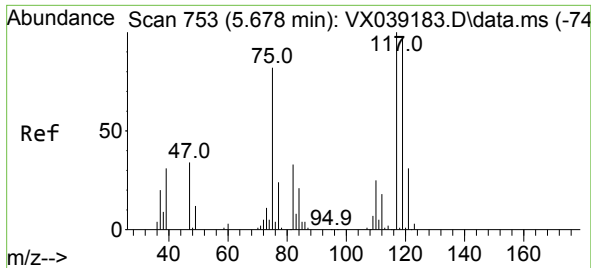
Ion Ratio Lower Upper

75 100

110 9.1 17.0 50.9#

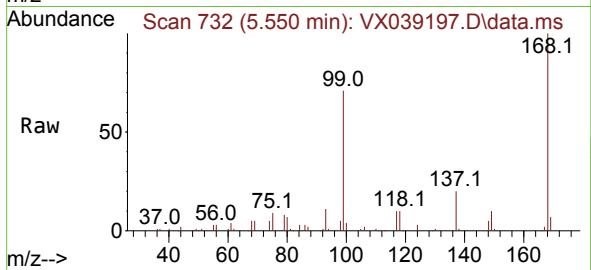
77 0.0 24.7 37.1#



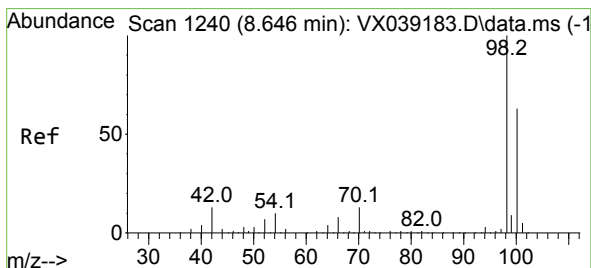
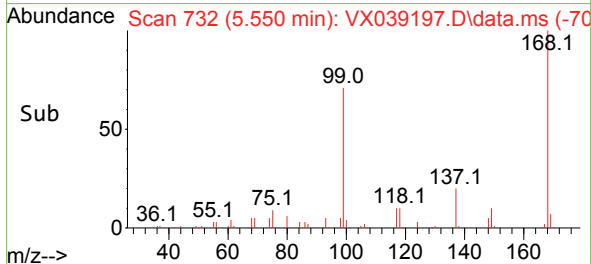
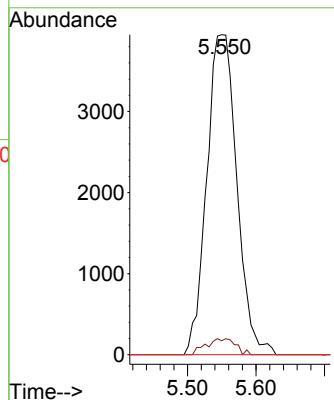


#38
Carbon Tetrachloride
Concen: 5.266 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX039197.D
Acq: 14 Dec 2023 10:32

Instrument :
MSVOA_X
ClientSampleId :

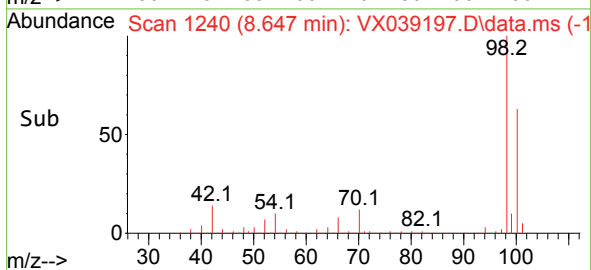
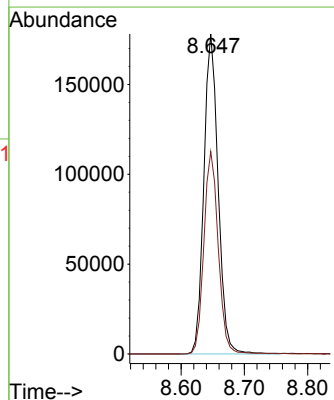
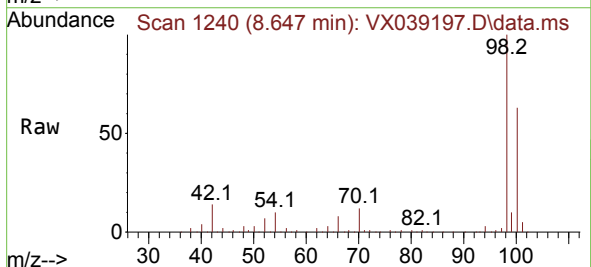


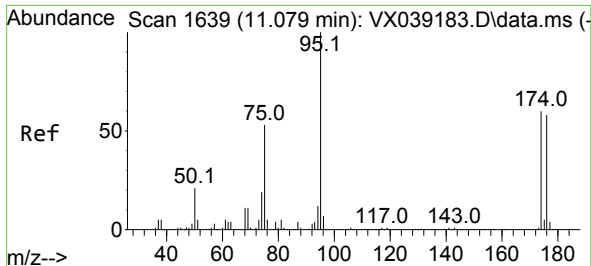
Tgt Ion:117 Resp: 12058
Ion Ratio Lower Upper
117 100
119 4.4 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 49.592 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX039197.D
Acq: 14 Dec 2023 10:32

Tgt Ion: 98 Resp: 279933
Ion Ratio Lower Upper
98 100
100 63.6 53.1 79.7

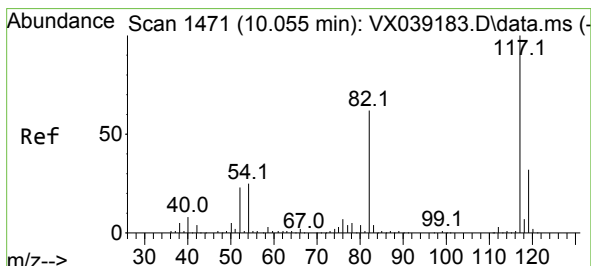
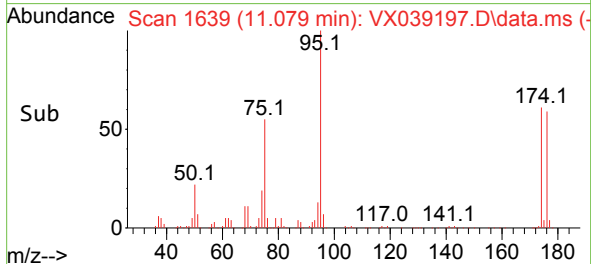
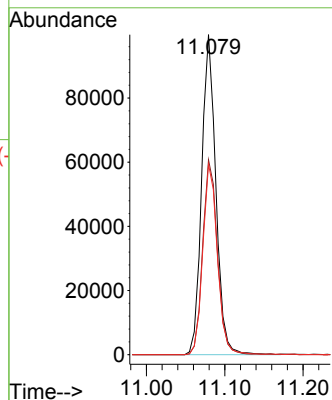
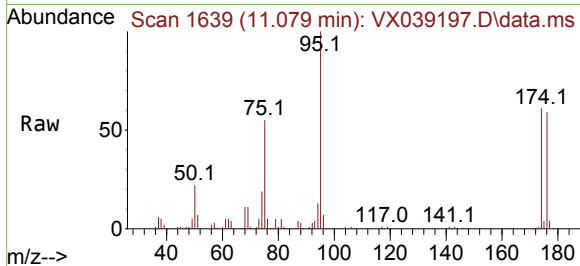




#62
4-Bromofluorobenzene
Concen: 53.911 ug/l
RT: 11.079 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039197.D
Acq: 14 Dec 2023 10:32

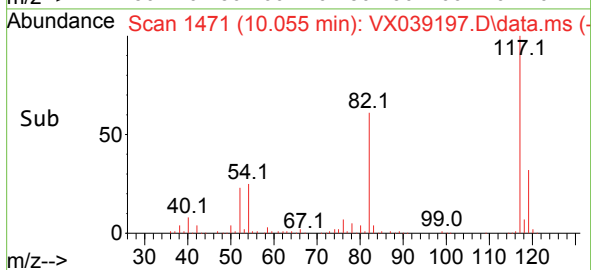
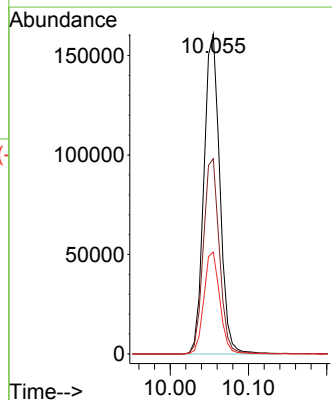
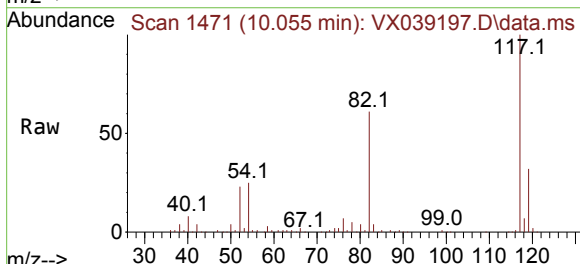
Instrument :
MSVOA_X
ClientSampleId :

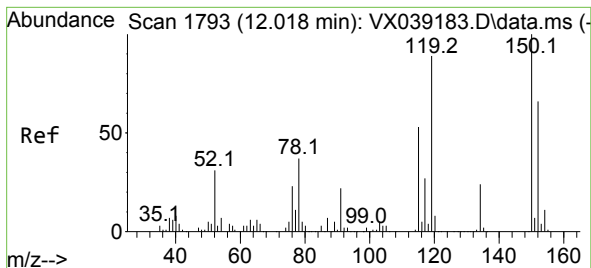
Tgt Ion: 95 Resp: 125560
Ion Ratio Lower Upper
95 100
174 63.3 0.0 135.6
176 61.1 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX039197.D
Acq: 14 Dec 2023 10:32

Tgt Ion: 117 Resp: 226632
Ion Ratio Lower Upper
117 100
82 61.0 46.2 69.4
119 31.9 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: VX039197.D

Acq: 14 Dec 2023 10:32

Instrument :

MSVOA_X

ClientSampleId :

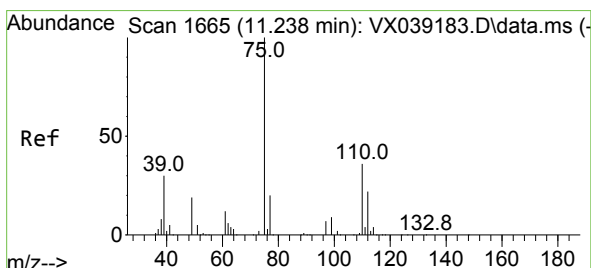
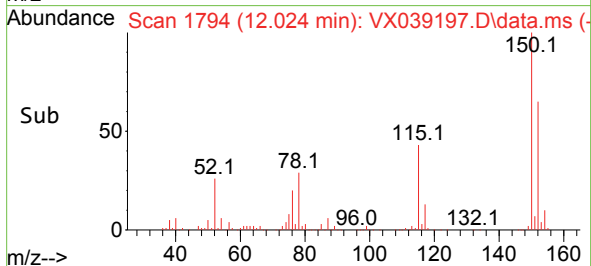
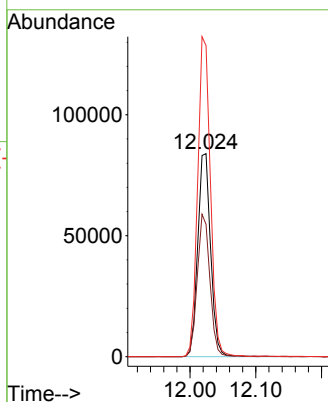
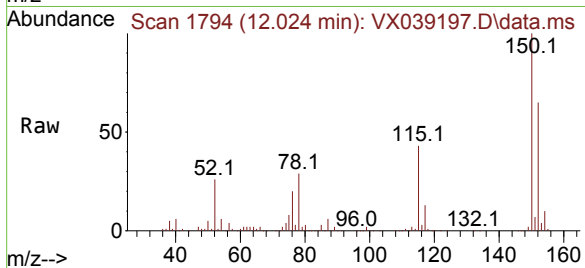
Tgt Ion:152 Resp: 114304

Ion Ratio Lower Upper

152 100

115 68.5 43.3 129.9

150 155.6 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 23.576 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX039197.D

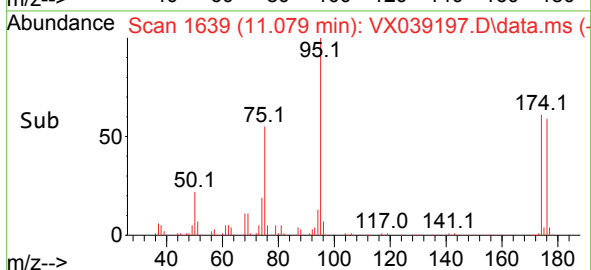
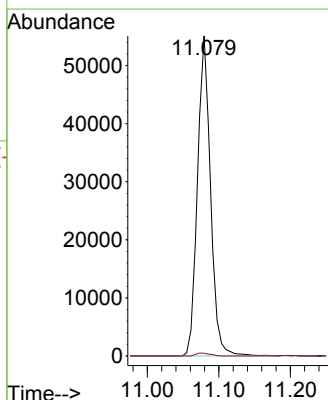
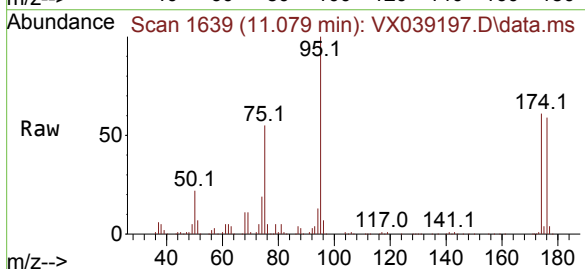
Acq: 14 Dec 2023 10:32

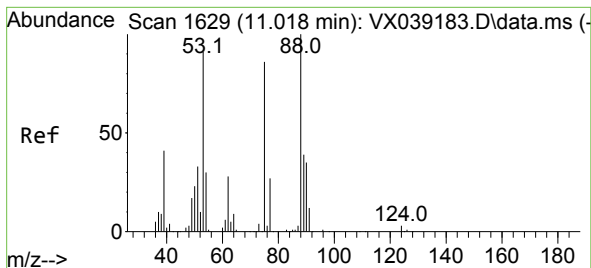
Tgt Ion: 75 Resp: 69721

Ion Ratio Lower Upper

75 100

77 1.0 19.1 57.5#

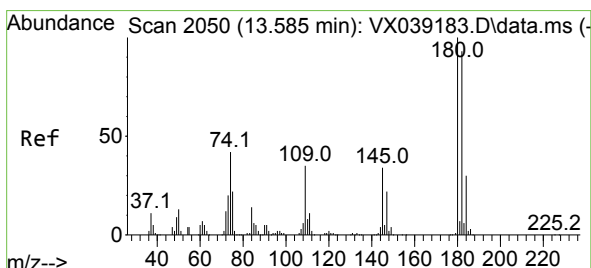
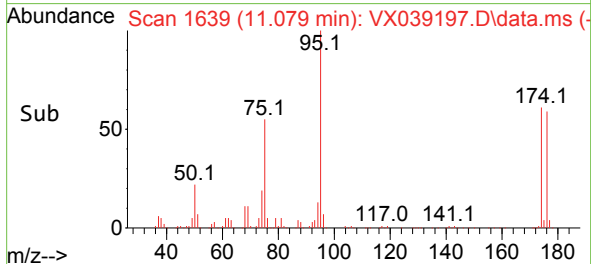
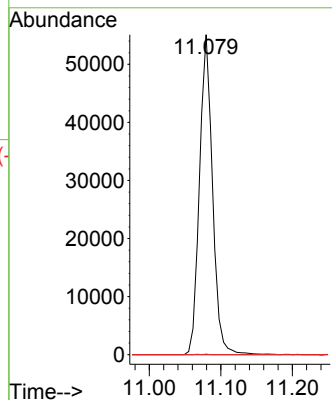
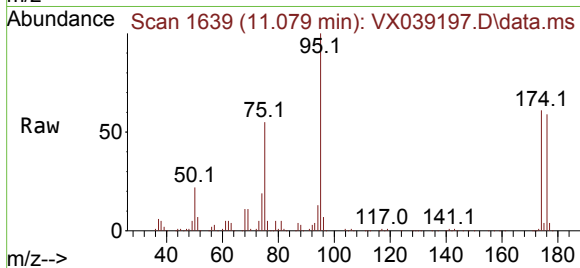




#81
trans-1,4-Dichloro-2-butene
Concen: 66.509 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX039197.D
Acq: 14 Dec 2023 10:32

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 69721
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.1 36.9 55.3#



#93
1,2,4-Trichlorobenzene
Concen: 0.323 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX039197.D
Acq: 14 Dec 2023 10:32

Tgt Ion: 180 Resp: 776
Ion Ratio Lower Upper
180 100
182 68.3 48.3 144.8
145 29.5 18.0 54.0

