

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112223\
 Data File : VX039007.D
 Acq On : 22 Nov 2023 16:55
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 23 01:35:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111623W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 16 22:59:22 2023
 Response via : Initial Calibration

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

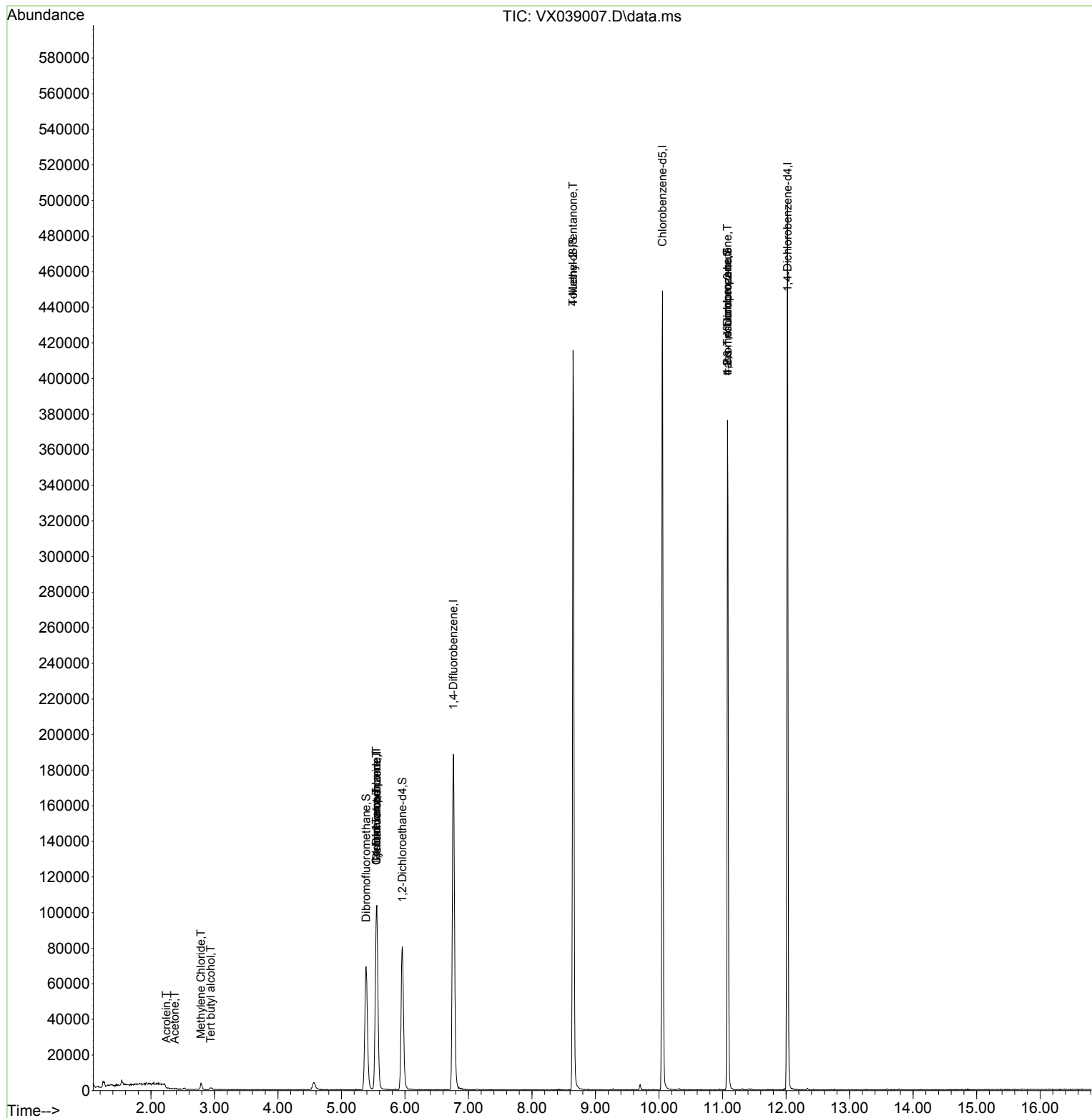
Internal Standards						
1) Pentafluorobenzene	5.556	168	90968	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	189430	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	193901	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	97256	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	78247	53.381	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 106.760%	
35) Dibromofluoromethane	5.385	113	61265	44.781	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 89.560%	
50) Toluene-d8	8.647	98	240464	45.939	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 91.880%#	
62) 4-Bromofluorobenzene	11.079	95	102265	48.805	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 97.600%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.941	59	810	1.987	ug/l #	78
13) Acrolein	2.239	56	49	0.227	ug/l #	14
16) Acetone	2.374	43	542	0.695	ug/l #	47
20) Methylene Chloride	2.788	84	1599	1.137	ug/l	96
31) Cyclohexane	5.550	56	2921	1.396	ug/l #	14
36) 1,1-Dichloropropene	5.550	75	8924	4.551	ug/l #	51
38) Carbon Tetrachloride	5.550	117	10524	5.807	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	1272	0.488	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	57415	23.661	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	57415	52.483	ug/l #	5

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

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MSVOA_X
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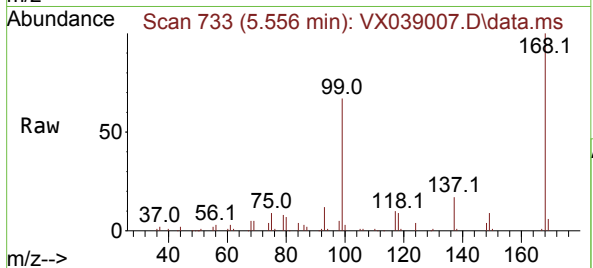
Quant Time: Nov 23 01:35:36 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111623W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 16 22:59:22 2023
Response via : Initial Calibration



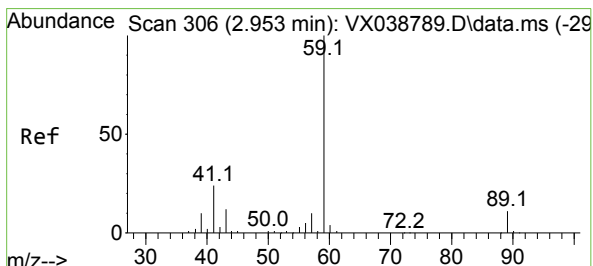
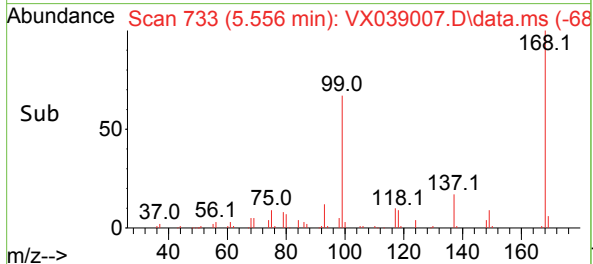
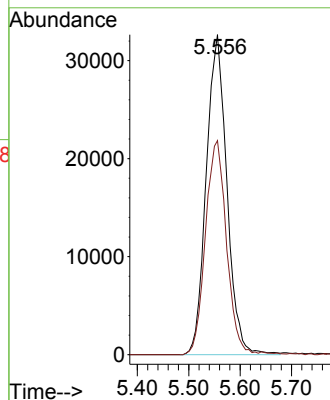


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX039007.D
Acq: 22 Nov 2023 16:55

Instrument :
MSVOA_X
ClientSampleId :

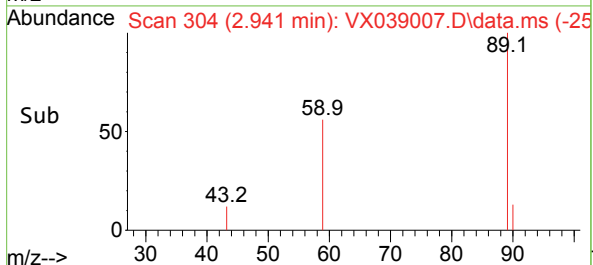
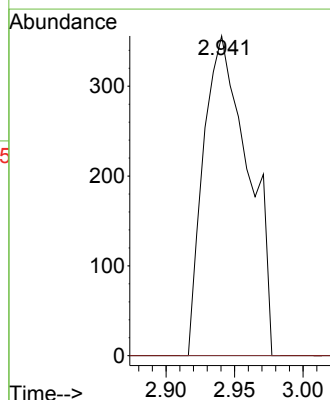
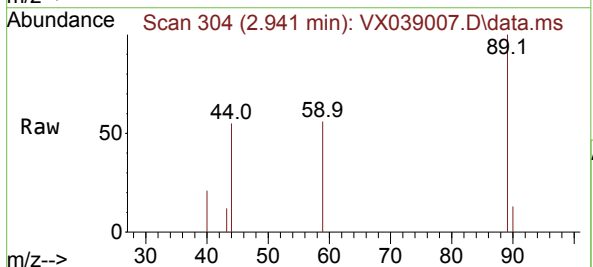


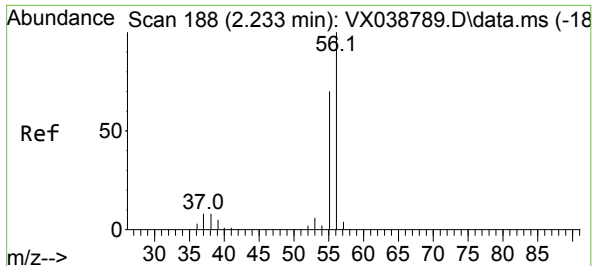
Tgt Ion:168 Resp: 90968
Ion Ratio Lower Upper
168 100
99 66.9 56.6 85.0



#11
Tert butyl alcohol
Concen: 1.987 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.012 min
Lab File: VX039007.D
Acq: 22 Nov 2023 16:55

Tgt Ion: 59 Resp: 810
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

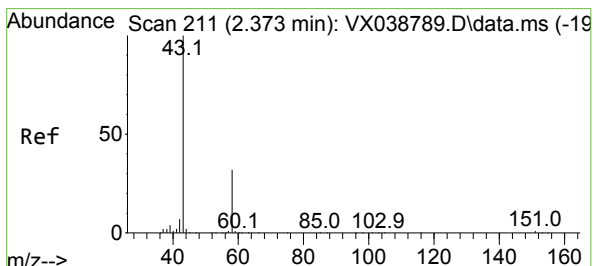
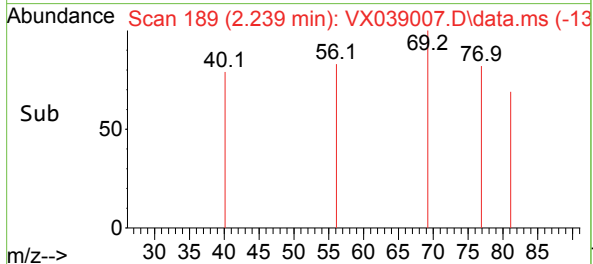
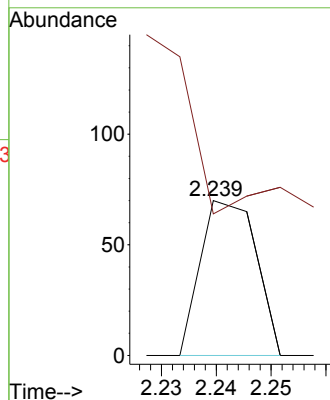
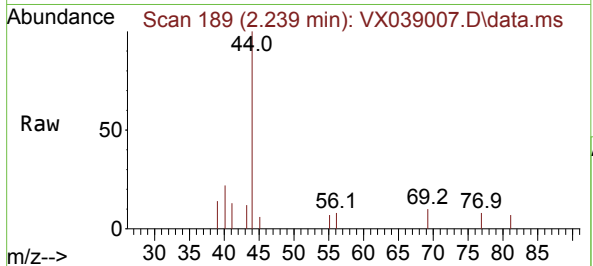




#13
Acrolein
Concen: 0.227 ug/l
RT: 2.239 min Scan# 188
Delta R.T. 0.006 min
Lab File: VX039007.D
Acq: 22 Nov 2023 16:55

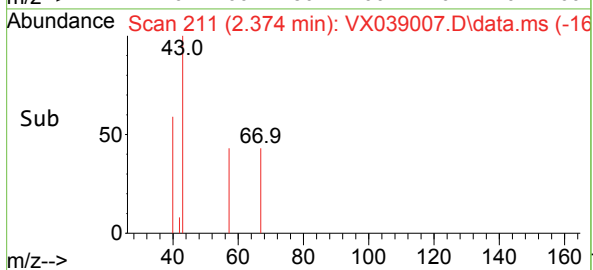
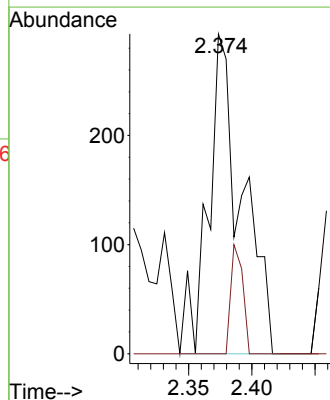
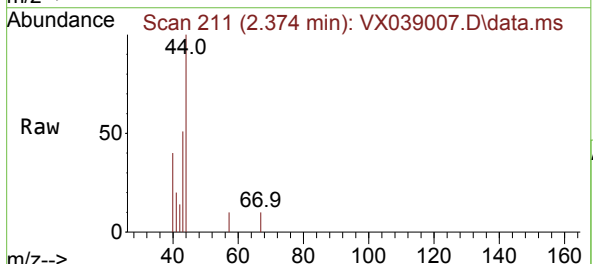
Instrument :
MSVOA_X
ClientSampleId :

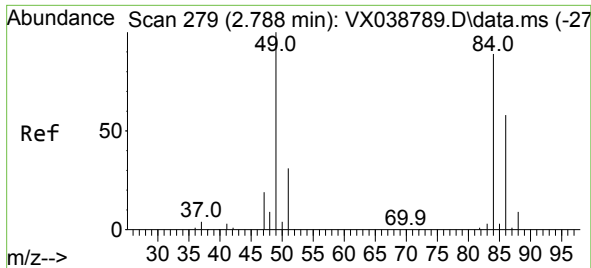
Tgt Ion: 56 Resp: 49
Ion Ratio Lower Upper
56 100
55 0.0 57.1 85.7#



#16
Acetone
Concen: 0.695 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX039007.D
Acq: 22 Nov 2023 16:55

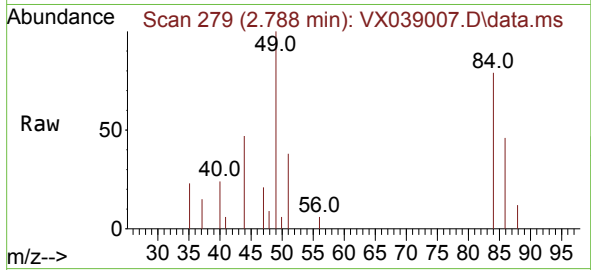
Tgt Ion: 43 Resp: 542
Ion Ratio Lower Upper
43 100
58 0.0 21.9 32.9#





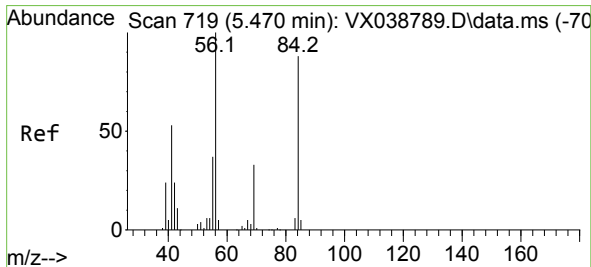
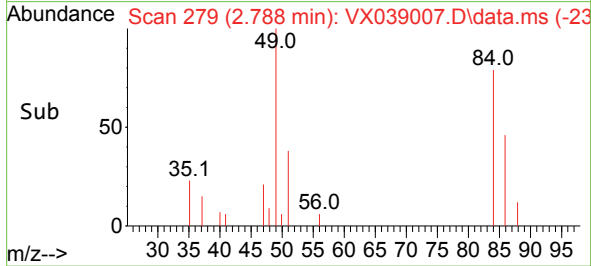
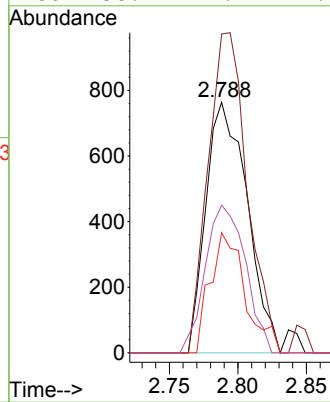
#20
Methylene Chloride
Concen: 1.137 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX039007.D
Acq: 22 Nov 2023 16:55

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 84 Resp: 1599

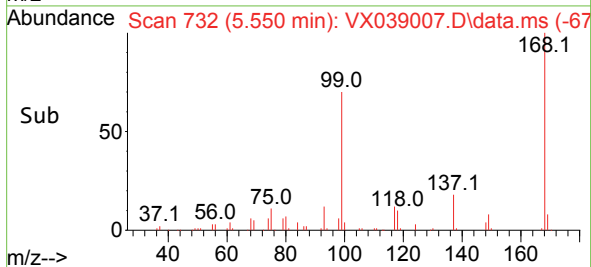
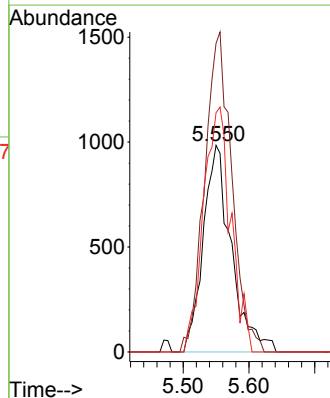
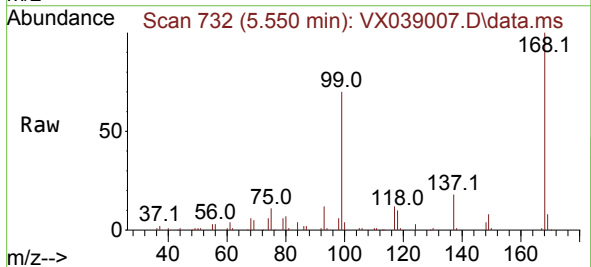
Ion	Ratio	Lower	Upper
84	100		
49	127.2	103.6	155.4
51	47.9	33.8	50.6
86	58.9	49.4	74.0



#31
Cyclohexane
Concen: 1.396 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX039007.D
Acq: 22 Nov 2023 16:55

Tgt Ion: 56 Resp: 2921

Ion	Ratio	Lower	Upper
56	100		
69	149.5	23.4	35.2#
84	115.9	65.9	98.9#

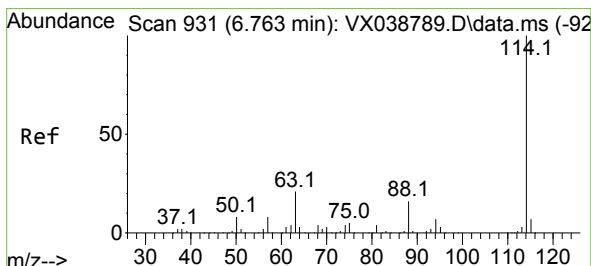
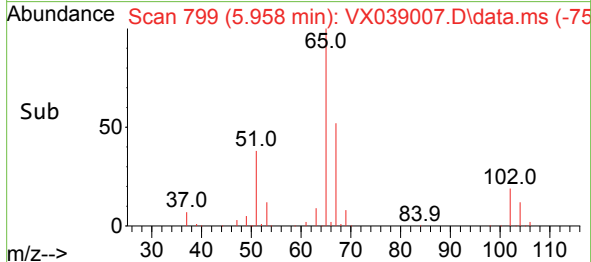
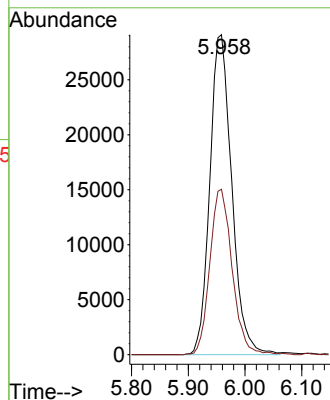
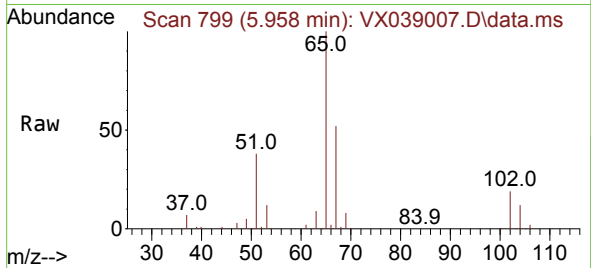




#33
1,2-Dichloroethane-d4
Concen: 53.381 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX039007.D
Acq: 22 Nov 2023 16:55

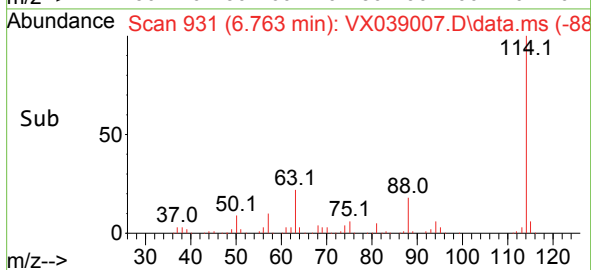
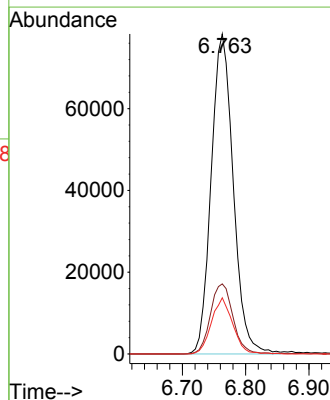
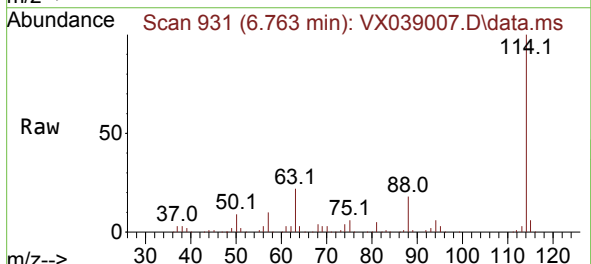
Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 65 Resp: 78247
Ion Ratio Lower Upper
65 100
67 52.4 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: VX039007.D
Acq: 22 Nov 2023 16:55

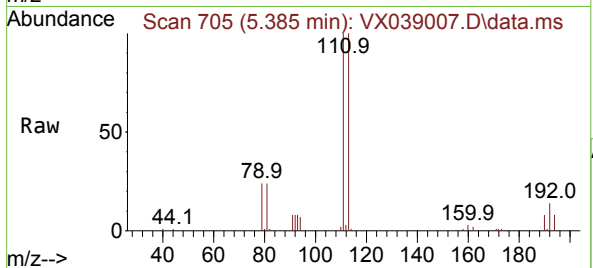
Tgt Ion:114 Resp: 189430
Ion Ratio Lower Upper
114 100
63 21.9 0.0 45.0
88 17.6 0.0 36.6



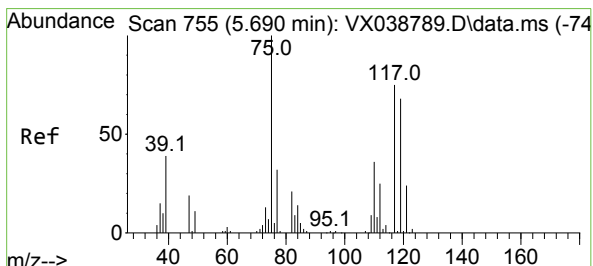
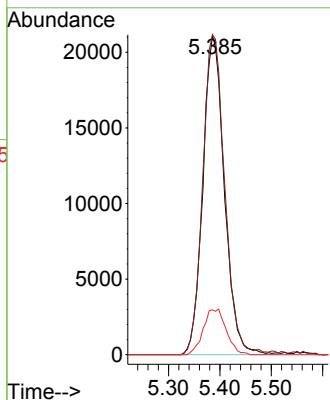
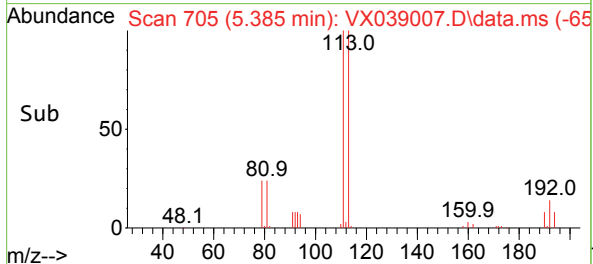


#35
Dibromofluoromethane
Concen: 44.781 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX039007.D
Acq: 22 Nov 2023 16:55

Instrument :
MSVOA_X
ClientSampleId :

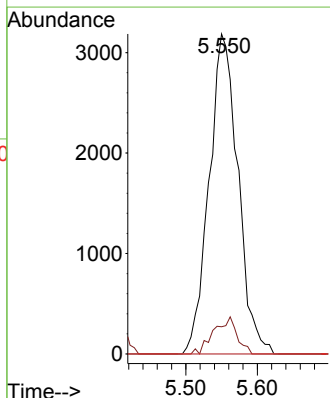
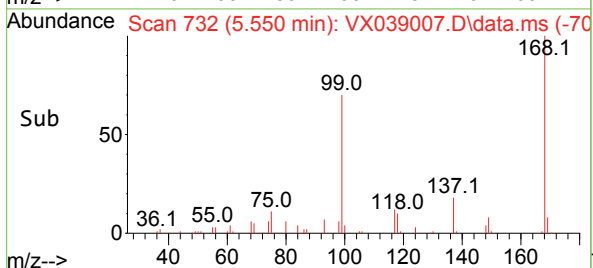
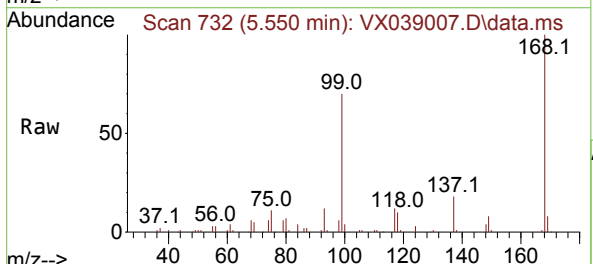


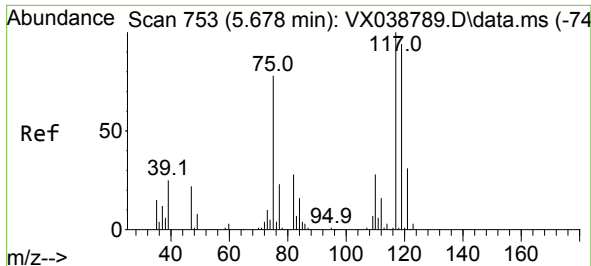
Tgt Ion:113 Resp: 61265
Ion Ratio Lower Upper
113 100
111 102.4 82.9 124.3
192 15.2 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.551 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX039007.D
Acq: 22 Nov 2023 16:55

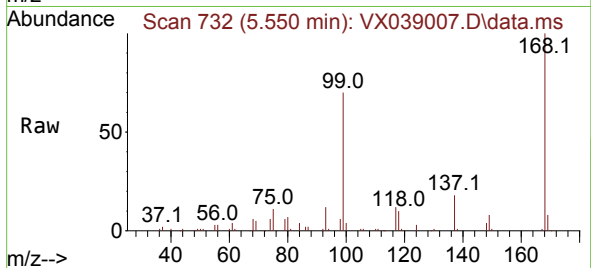
Tgt Ion: 75 Resp: 8924
Ion Ratio Lower Upper
75 100
110 9.3 17.0 50.9#
77 0.0 24.7 37.1#



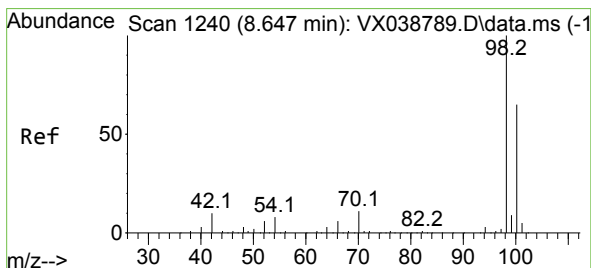
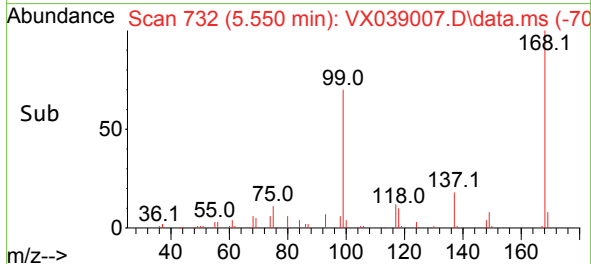
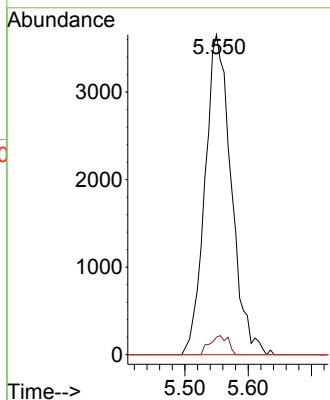


#38
Carbon Tetrachloride
Concen: 5.807 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX039007.D
Acq: 22 Nov 2023 16:55

Instrument :
MSVOA_X
ClientSampleId :

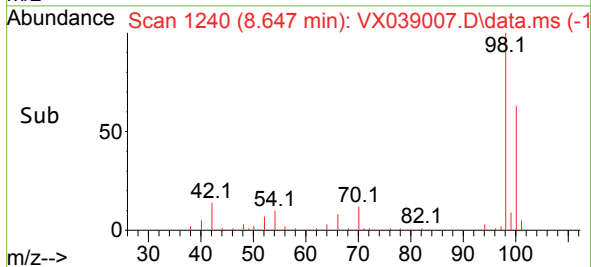
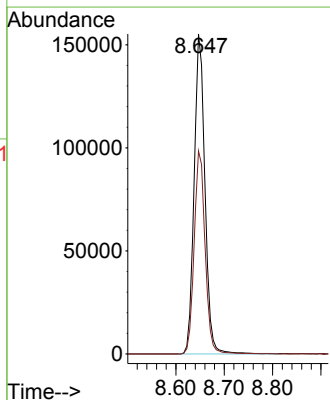
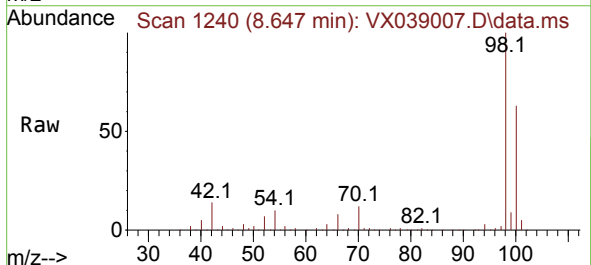


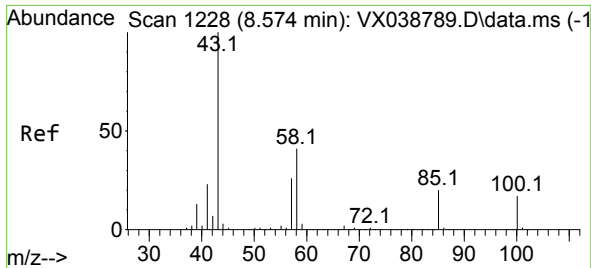
Tgt Ion:117 Resp: 10524
Ion Ratio Lower Upper
117 100
119 5.5 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 45.939 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX039007.D
Acq: 22 Nov 2023 16:55

Tgt Ion: 98 Resp: 240464
Ion Ratio Lower Upper
98 100
100 64.4 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 0.488 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.073 min

Lab File: VX039007.D

Acq: 22 Nov 2023 16:55

Instrument :

MSVOA_X

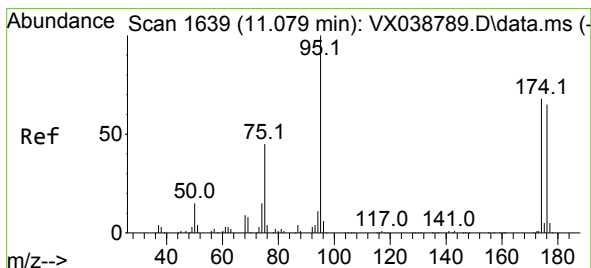
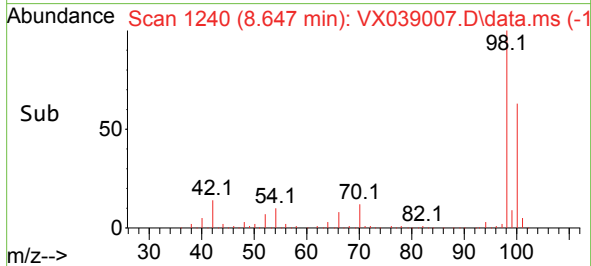
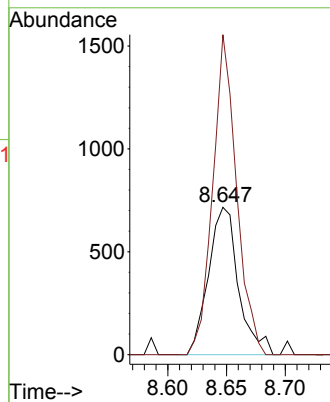
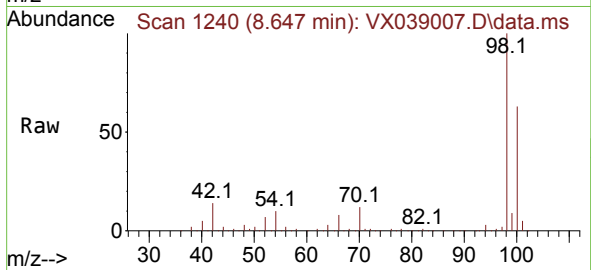
ClientSampleId :

Tgt Ion: 43 Resp: 1272

Ion Ratio Lower Upper

43 100

58 172.8 30.4 45.6#



#62

4-Bromofluorobenzene

Concen: 48.805 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX039007.D

Acq: 22 Nov 2023 16:55

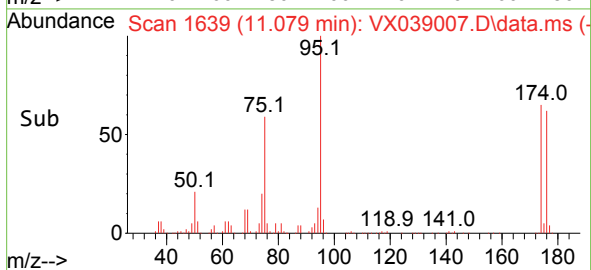
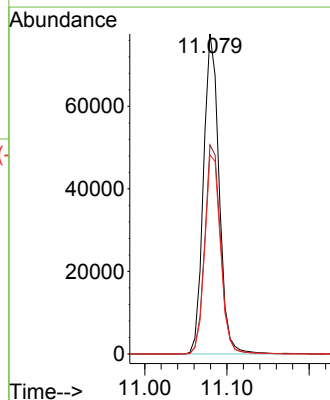
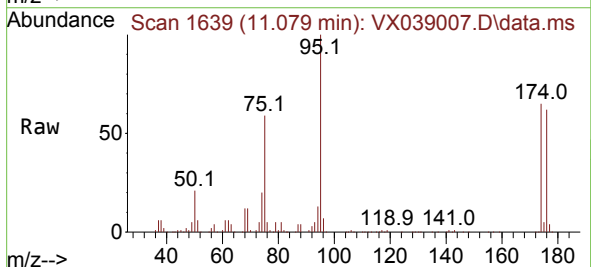
Tgt Ion: 95 Resp: 102265

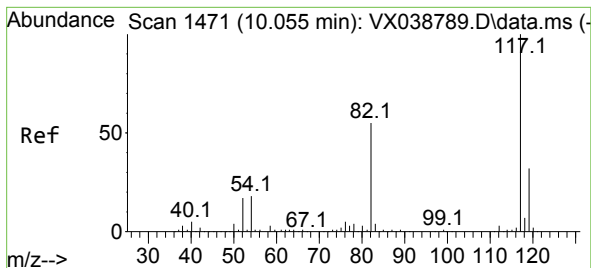
Ion Ratio Lower Upper

95 100

174 66.3 0.0 135.6

176 63.0 0.0 131.0

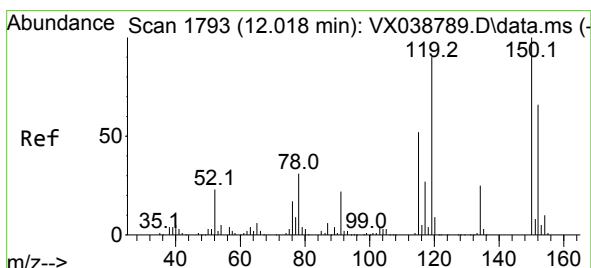
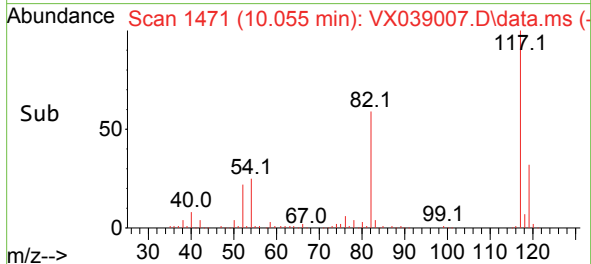
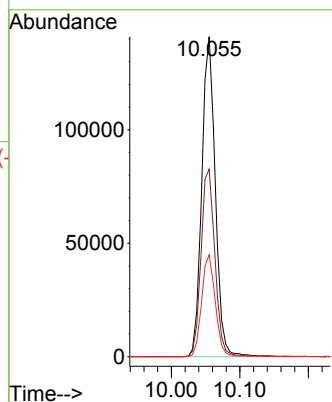
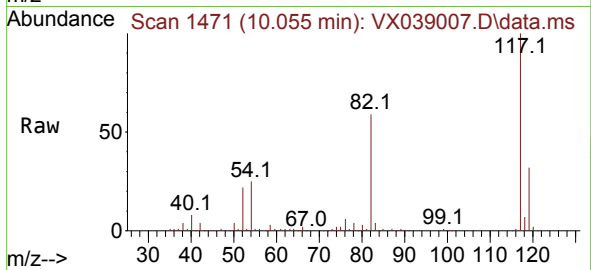




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX039007.D
Acq: 22 Nov 2023 16:55

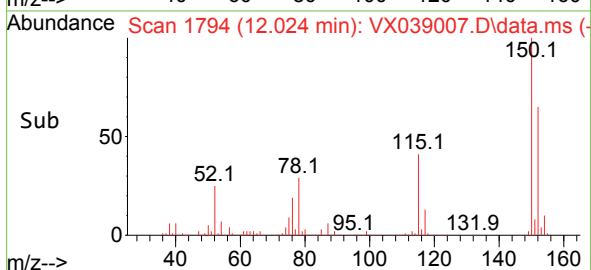
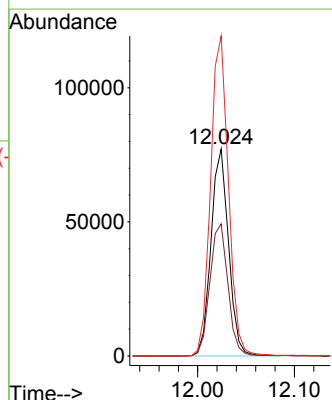
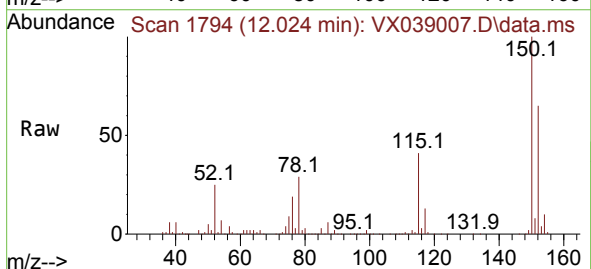
Instrument :
MSVOA_X
ClientSampleId :

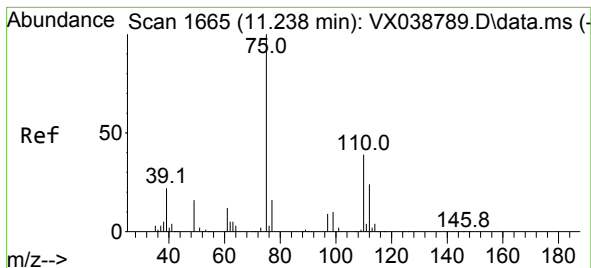
Tgt Ion:117 Resp: 193901
Ion Ratio Lower Upper
117 100
82 58.6 46.2 69.4
119 31.9 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX039007.D
Acq: 22 Nov 2023 16:55

Tgt Ion:152 Resp: 97256
Ion Ratio Lower Upper
152 100
115 65.9 43.3 129.9
150 156.7 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 23.661 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX039007.D

Acq: 22 Nov 2023 16:55

Instrument :

MSVOA_X

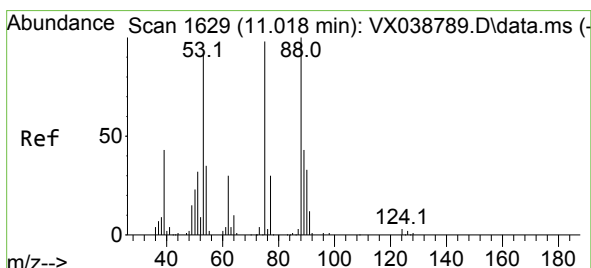
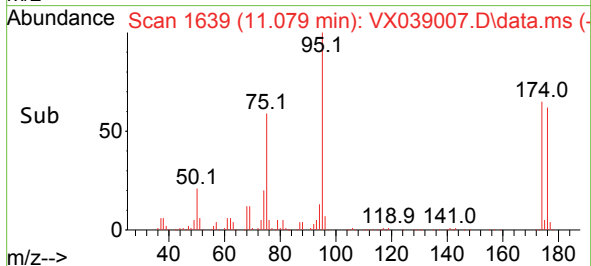
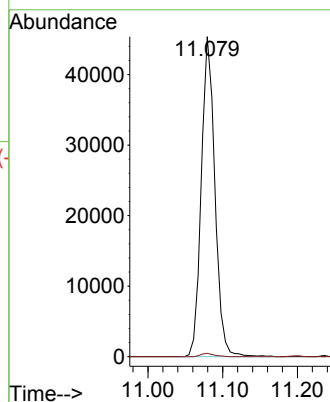
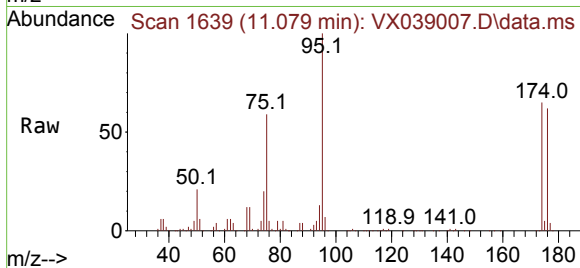
ClientSampleId :

Tgt Ion: 75 Resp: 57415

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 52.483 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX039007.D

Acq: 22 Nov 2023 16:55

Tgt Ion: 75 Resp: 57415

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

