

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092623\
 Data File : VX037907.D
 Acq On : 26 Sep 2023 14:20
 Operator : JC/MD
 Sample : 04590-02 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 27 01:15:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091523W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 16 04:55:44 2023
 Response via : Initial Calibration

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

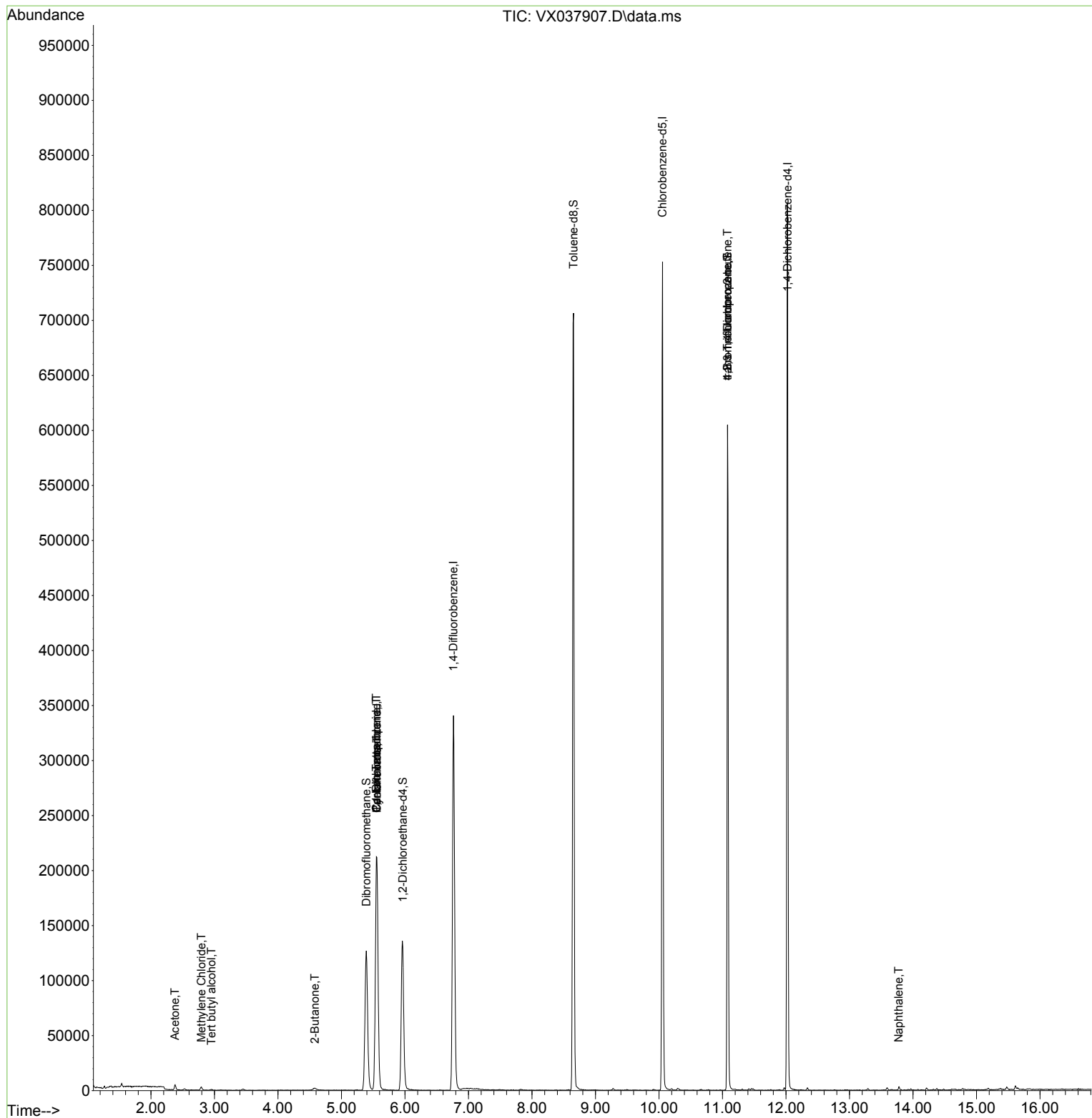
Internal Standards						
1) Pentafluorobenzene	5.556	168	209609	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	355834	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	341098	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	174156	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	130768	47.484	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.960%		
35) Dibromofluoromethane	5.391	113	111783	46.950	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.900%		
50) Toluene-d8	8.653	98	435646	49.245	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.480%		
62) 4-Bromofluorobenzene	11.079	95	157312	48.936	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.880%		
Target Compounds						
						Qvalue
11) Tert butyl alcohol	2.953	59	362	0.612	ug/l	# 78
16) Acetone	2.380	43	5170	3.902	ug/l	# 73
20) Methylene Chloride	2.794	84	1415	0.553	ug/l	86
25) 2-Butanone	4.581	43	631	0.338	ug/l	# 86
31) Cyclohexane	5.556	56	4367	1.235	ug/l	# 1
36) 1,1-Dichloropropene	5.550	75	16031	4.888	ug/l	# 51
38) Carbon Tetrachloride	5.550	117	21138	6.160	ug/l	# 17
76) 1,2,3-Trichloropropane	11.079	75	81268	20.176	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	81268	64.629	ug/l	# 5
95) Naphthalene	13.774	128	2486	0.207	ug/l	98

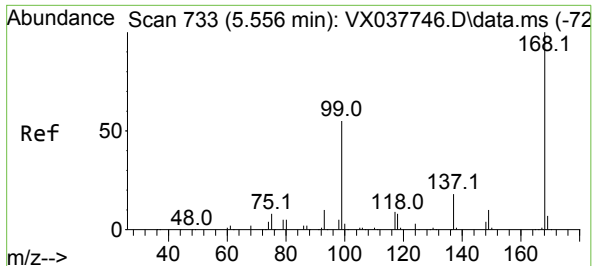
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092623\
Data File : VX037907.D
Acq On : 26 Sep 2023 14:20
Operator : JC/MD
Sample : 04590-02 5X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

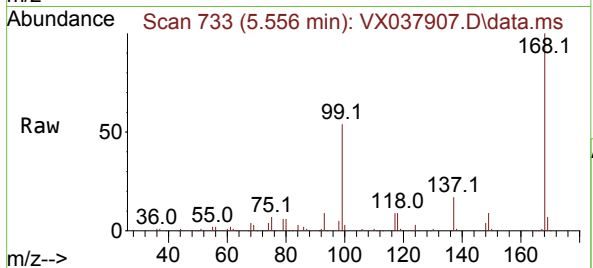
Quant Time: Sep 27 01:15:24 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091523W.M
Quant Title : SW846 8260
QLast Update : Sat Sep 16 04:55:44 2023
Response via : Initial Calibration



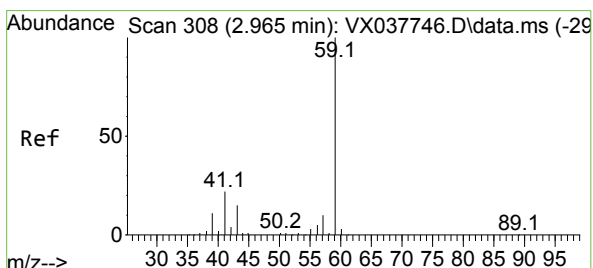
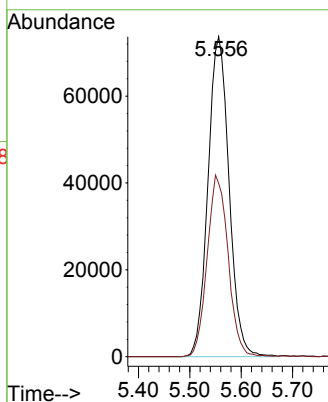
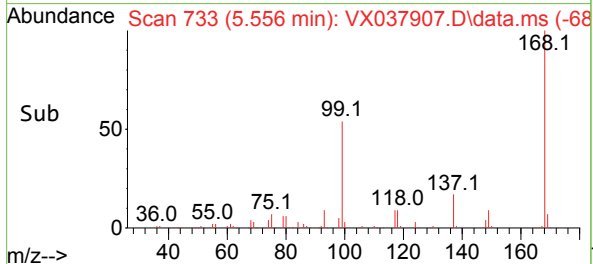


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX037907.D
Acq: 26 Sep 2023 14:20

Instrument :
MSVOA_X
ClientSampleId :

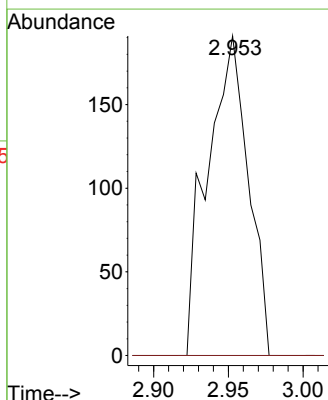
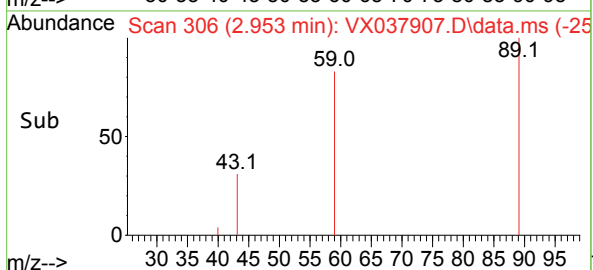
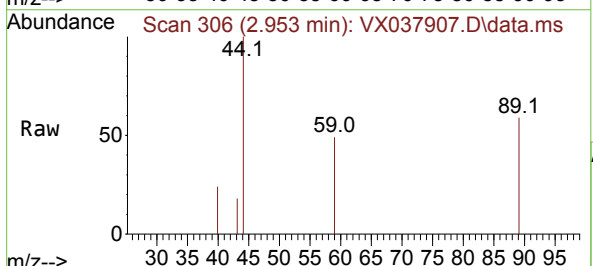


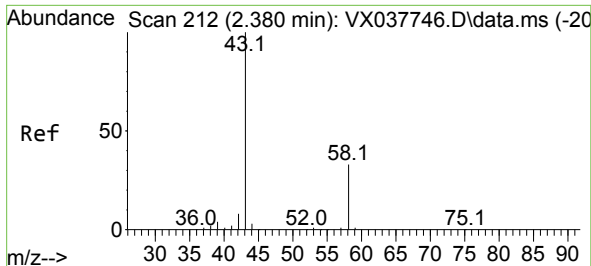
Tgt Ion:168 Resp: 209609
Ion Ratio Lower Upper
168 100
99 54.1 56.6 85.0#



#11
Tert butyl alcohol
Concen: 0.612 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.012 min
Lab File: VX037907.D
Acq: 26 Sep 2023 14:20

Tgt Ion: 59 Resp: 362
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

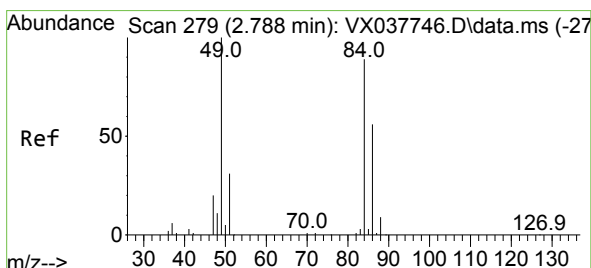
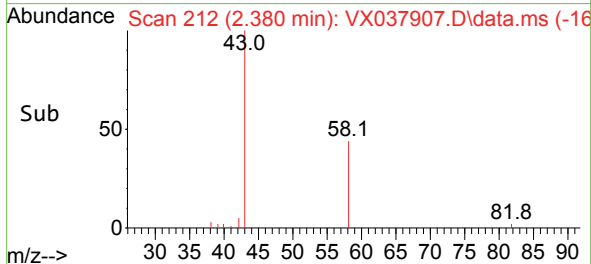
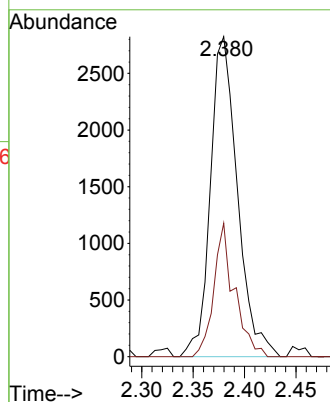
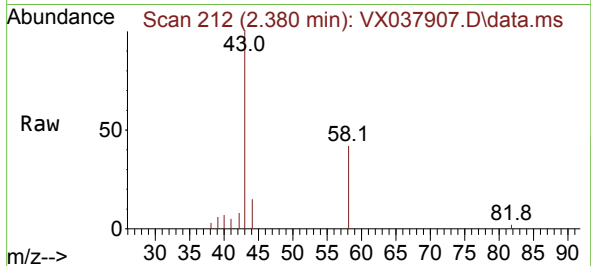




#16
Acetone
Concen: 3.902 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX037907.D
Acq: 26 Sep 2023 14:20

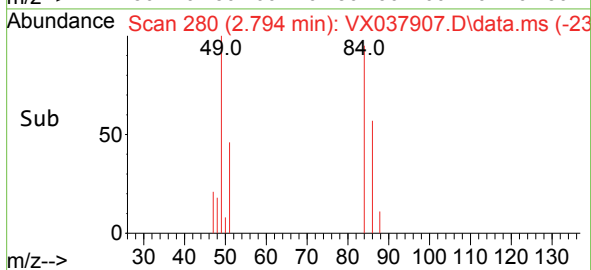
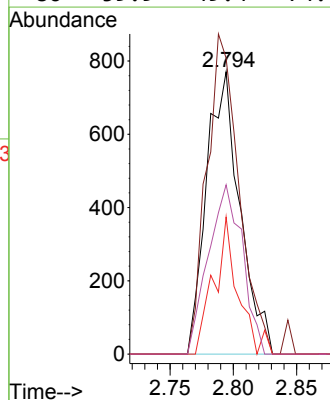
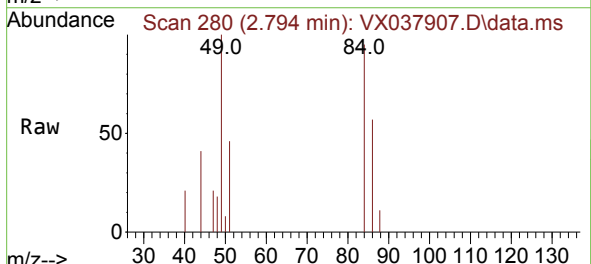
Instrument :
MSVOA_X
ClientSampleId :

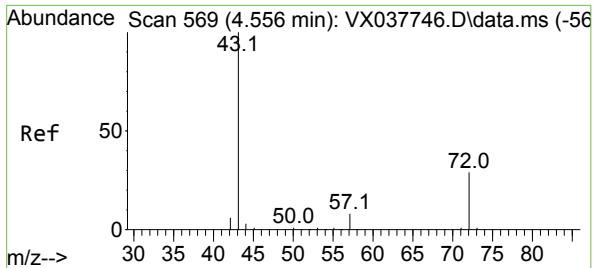
Tgt Ion: 43 Resp: 5170
Ion Ratio Lower Upper
43 100
58 41.7 21.9 32.9#



#20
Methylene Chloride
Concen: 0.553 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX037907.D
Acq: 26 Sep 2023 14:20

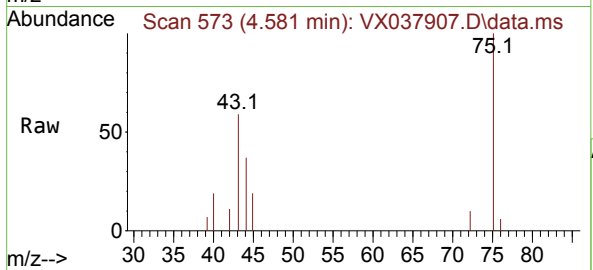
Tgt Ion: 84 Resp: 1415
Ion Ratio Lower Upper
84 100
49 104.8 103.6 155.4
51 48.5 33.8 50.6
86 59.9 49.4 74.0



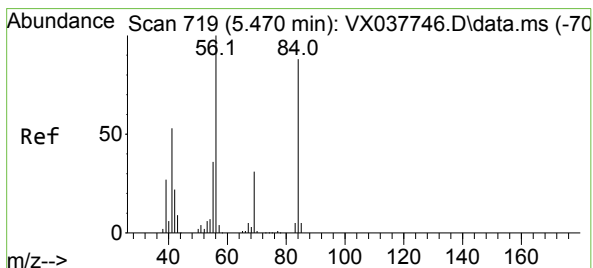
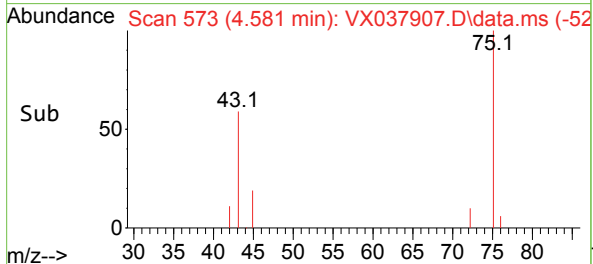
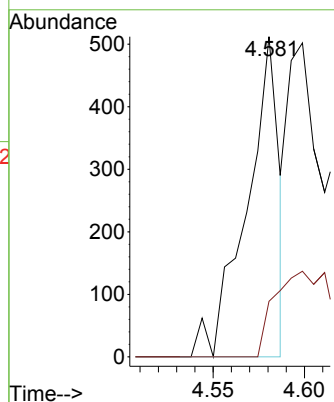


#25
2-Butanone
Concen: 0.338 ug/l
RT: 4.581 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX037907.D
Acq: 26 Sep 2023 14:20

Instrument :
MSVOA_X
ClientSampleId :

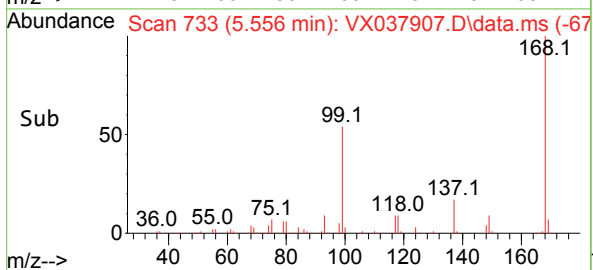
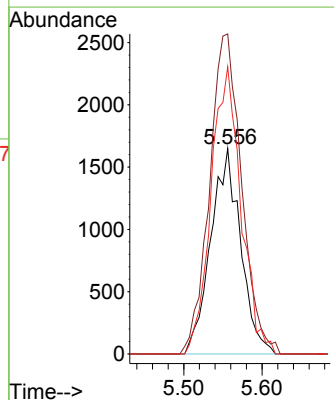
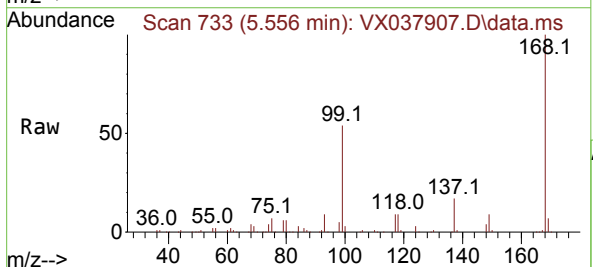


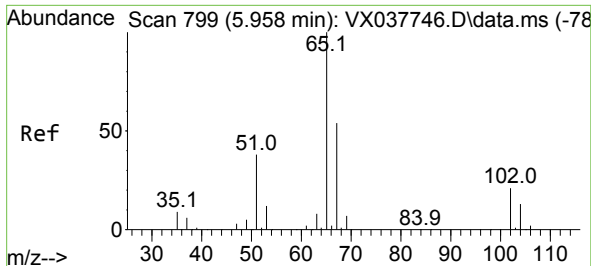
Tgt Ion: 43 Resp: 631
Ion Ratio Lower Upper
43 100
72 17.4 19.4 29.2#



#31
Cyclohexane
Concen: 1.235 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.086 min
Lab File: VX037907.D
Acq: 26 Sep 2023 14:20

Tgt Ion: 56 Resp: 4367
Ion Ratio Lower Upper
56 100
69 155.7 23.4 35.2#
84 139.8 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 47.484 ug/l

RT: 5.964 min Scan# 80

Delta R.T. 0.006 min

Lab File: VX037907.D

Acq: 26 Sep 2023 14:20

Instrument :

MSVOA_X

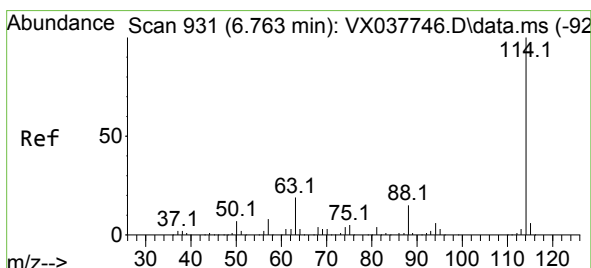
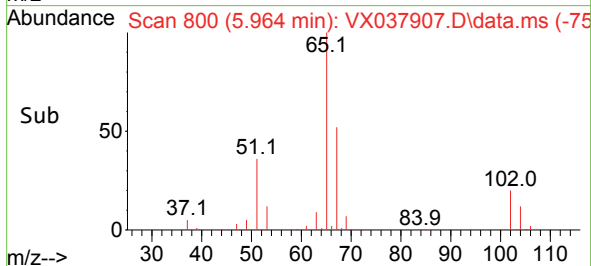
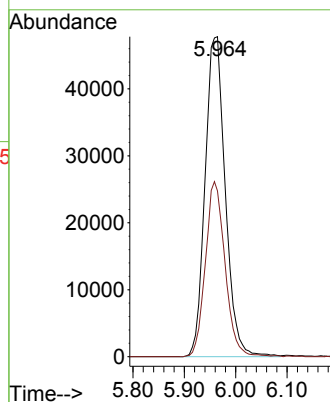
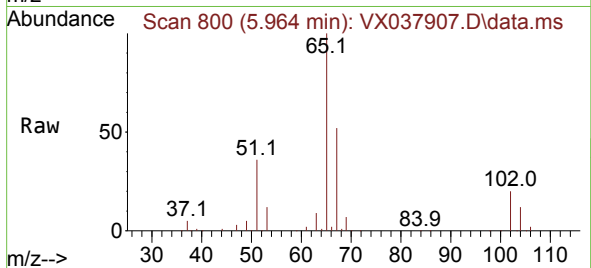
ClientSampleId :

Tgt Ion: 65 Resp: 130768

Ion Ratio Lower Upper

65 100

67 53.2 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: VX037907.D

Acq: 26 Sep 2023 14:20

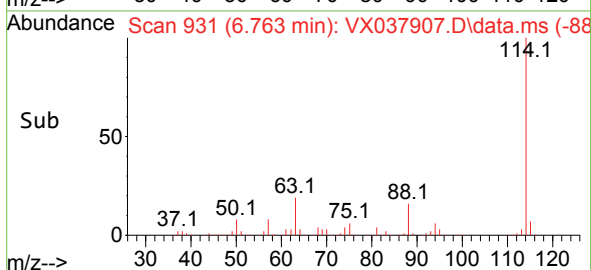
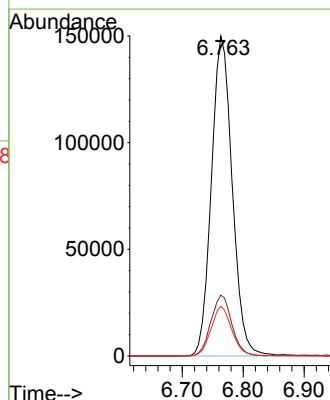
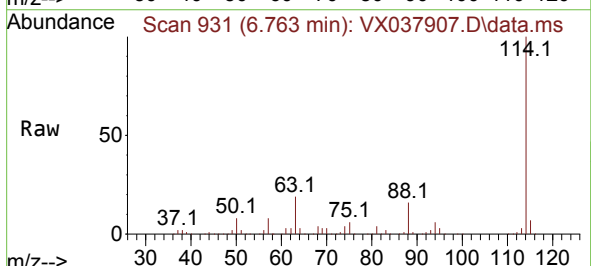
Tgt Ion:114 Resp: 355834

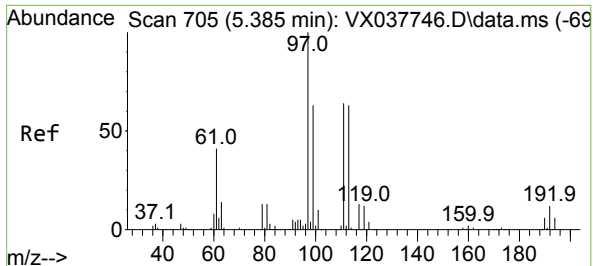
Ion Ratio Lower Upper

114 100

63 19.0 0.0 45.0

88 15.5 0.0 36.6





#35

Dibromofluoromethane

Concen: 46.950 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

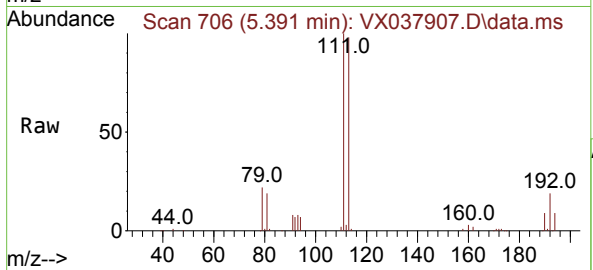
Lab File: VX037907.D

Acq: 26 Sep 2023 14:20

Instrument :

MSVOA_X

ClientSampleId :



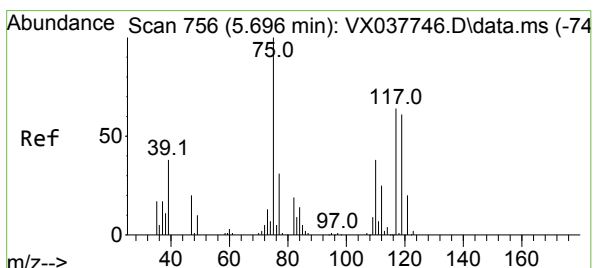
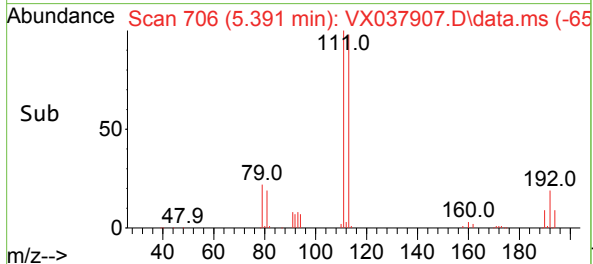
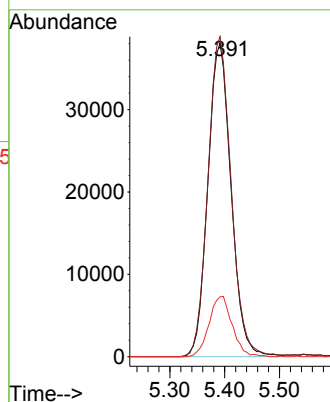
Tgt Ion:113 Resp: 111783

Ion Ratio Lower Upper

113 100

111 102.5 82.9 124.3

192 19.2 13.3 19.9



#36

1,1-Dichloropropene

Concen: 4.888 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.146 min

Lab File: VX037907.D

Acq: 26 Sep 2023 14:20

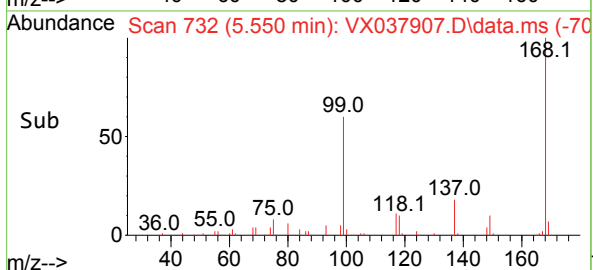
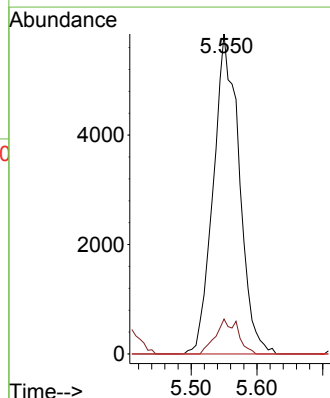
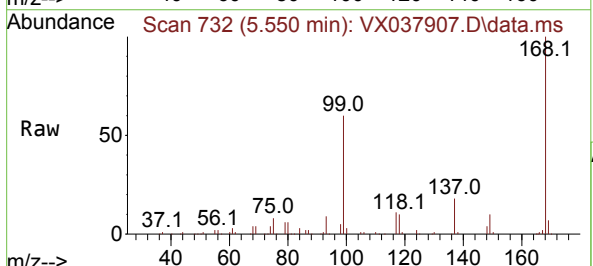
Tgt Ion: 75 Resp: 16031

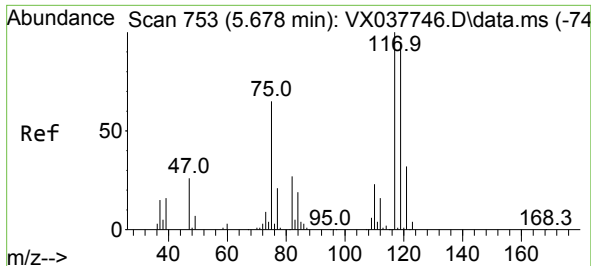
Ion Ratio Lower Upper

75 100

110 9.5 17.0 50.9#

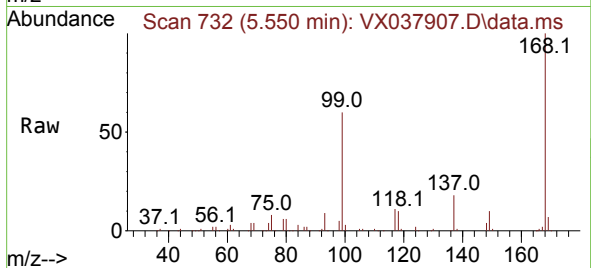
77 0.0 24.7 37.1#



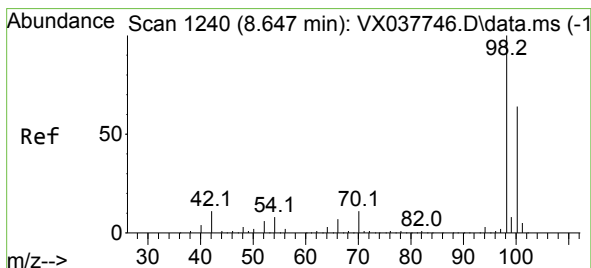
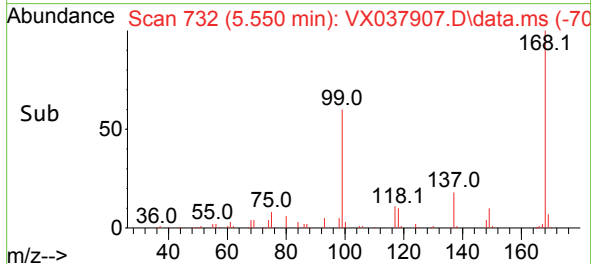
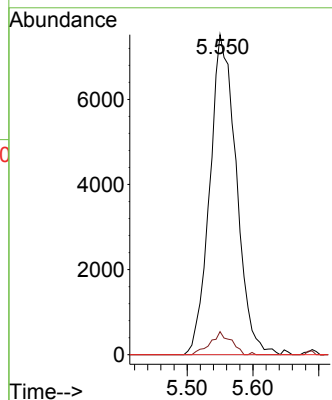


#38
Carbon Tetrachloride
Concen: 6.160 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX037907.D
Acq: 26 Sep 2023 14:20

Instrument :
MSVOA_X
ClientSampleId :

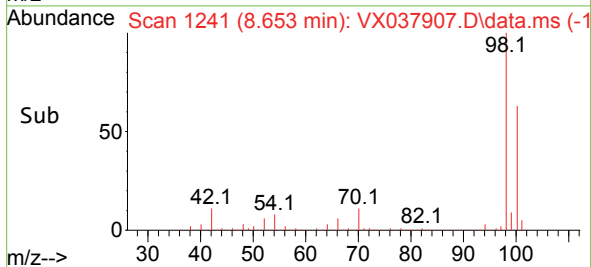
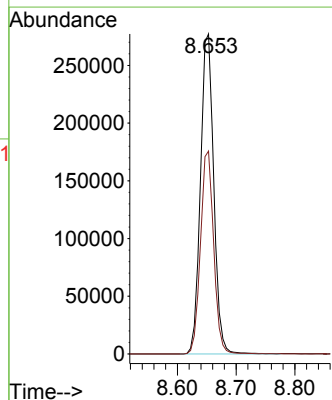
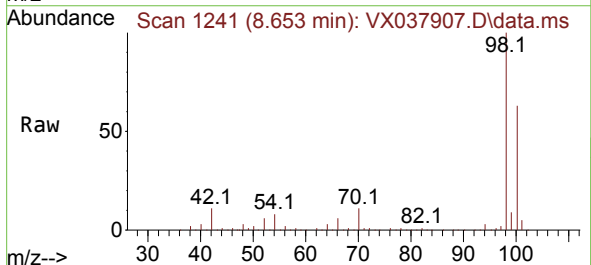


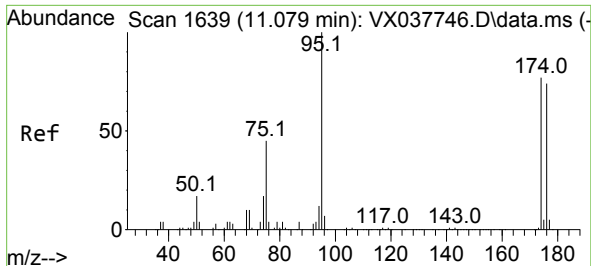
Tgt Ion:117 Resp: 21138
Ion Ratio Lower Upper
117 100
119 7.2 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 49.245 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.006 min
Lab File: VX037907.D
Acq: 26 Sep 2023 14:20

Tgt Ion: 98 Resp: 435646
Ion Ratio Lower Upper
98 100
100 63.0 53.1 79.7

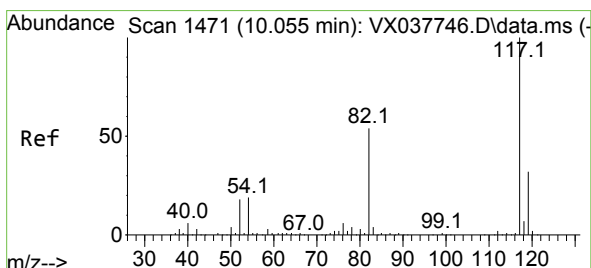
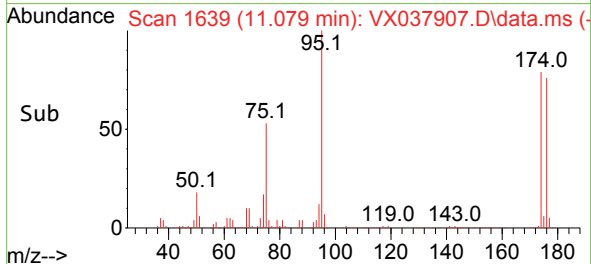
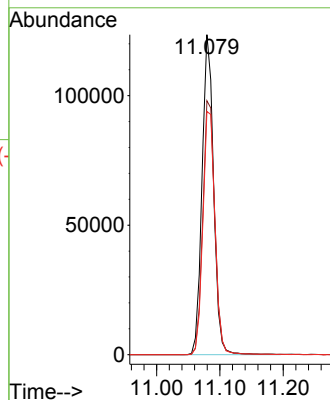
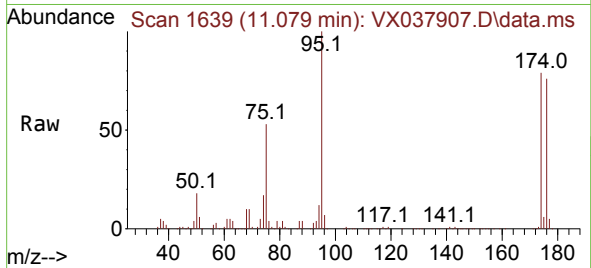




#62
4-Bromofluorobenzene
Concen: 48.936 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037907.D
Acq: 26 Sep 2023 14:20

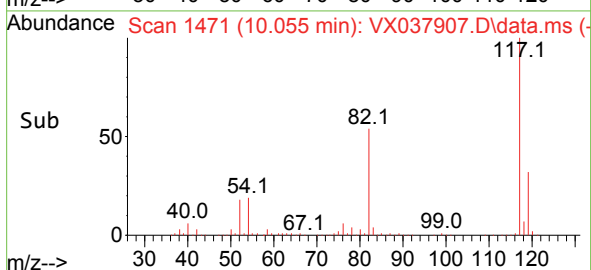
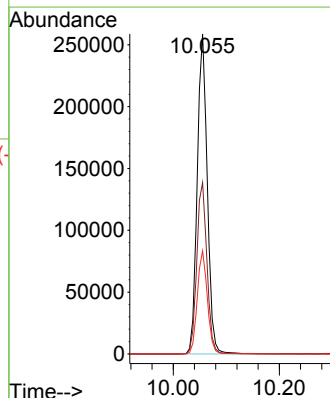
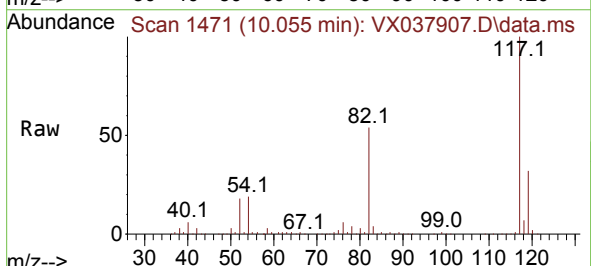
Instrument :
MSVOA_X
ClientSampleId :

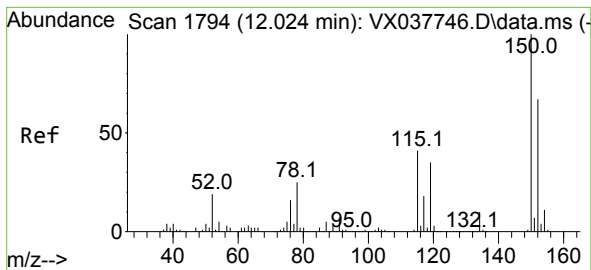
Tgt Ion: 95 Resp: 157312
Ion Ratio Lower Upper
95 100
174 82.9 0.0 135.6
176 79.8 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037907.D
Acq: 26 Sep 2023 14:20

Tgt Ion: 117 Resp: 341098
Ion Ratio Lower Upper
117 100
82 53.6 46.2 69.4
119 32.2 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX037907.D

Acq: 26 Sep 2023 14:20

Instrument :

MSVOA_X

ClientSampleId :

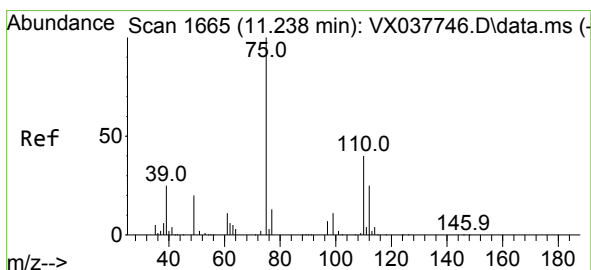
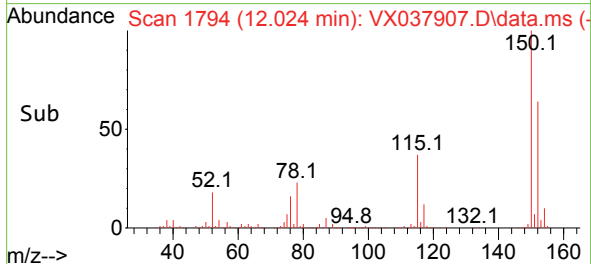
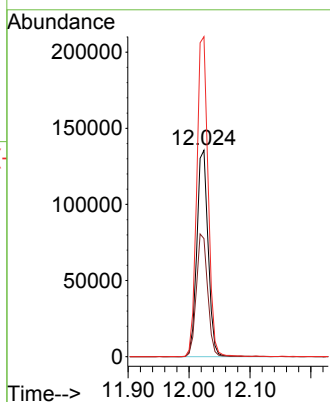
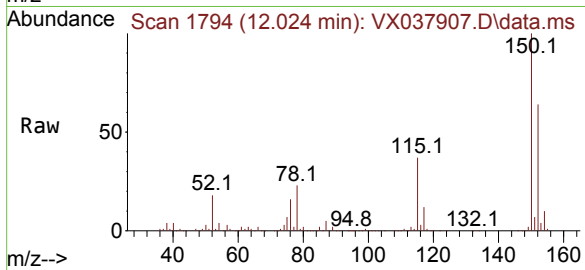
Tgt Ion:152 Resp: 174156

Ion Ratio Lower Upper

152 100

115 59.5 43.3 129.9

150 155.9 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 20.176 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX037907.D

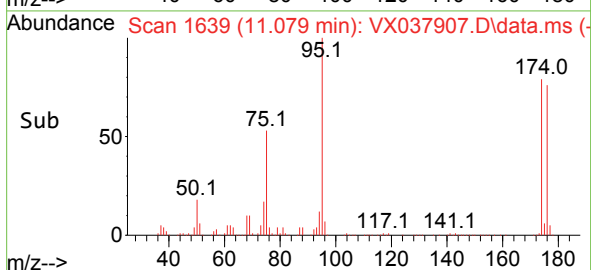
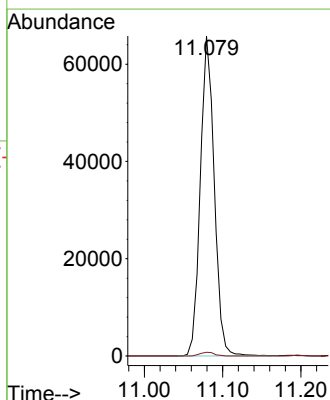
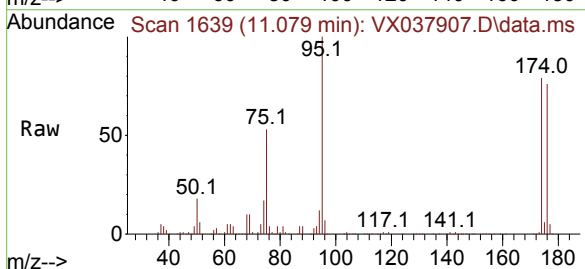
Acq: 26 Sep 2023 14:20

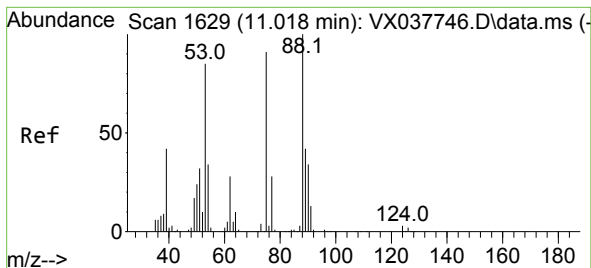
Tgt Ion: 75 Resp: 81268

Ion Ratio Lower Upper

75 100

77 1.2 19.1 57.5#

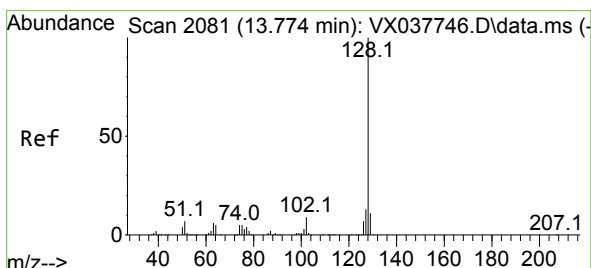
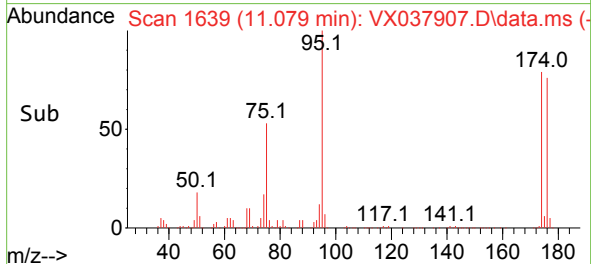
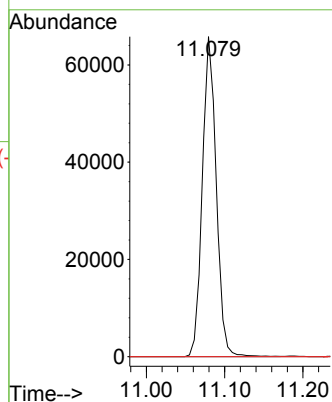
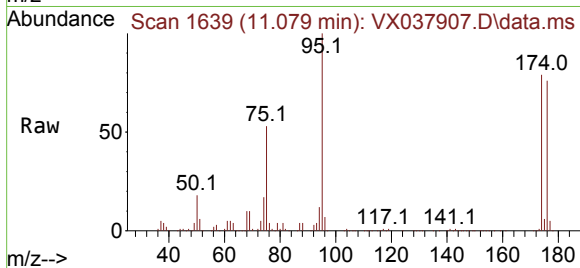




#81
trans-1,4-Dichloro-2-butene
Concen: 64.629 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX037907.D
Acq: 26 Sep 2023 14:20

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 81268
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#95
Naphthalene
Concen: 0.207 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VX037907.D
Acq: 26 Sep 2023 14:20

Tgt Ion:128 Resp: 2486
Ion Ratio Lower Upper
128 100
127 13.3 10.3 15.5
129 12.1 8.8 13.2

