

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092123\
 Data File : VX037857.D
 Acq On : 21 Sep 2023 15:59
 Operator : JC/MD
 Sample : 04540-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 22 04:45:56 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)

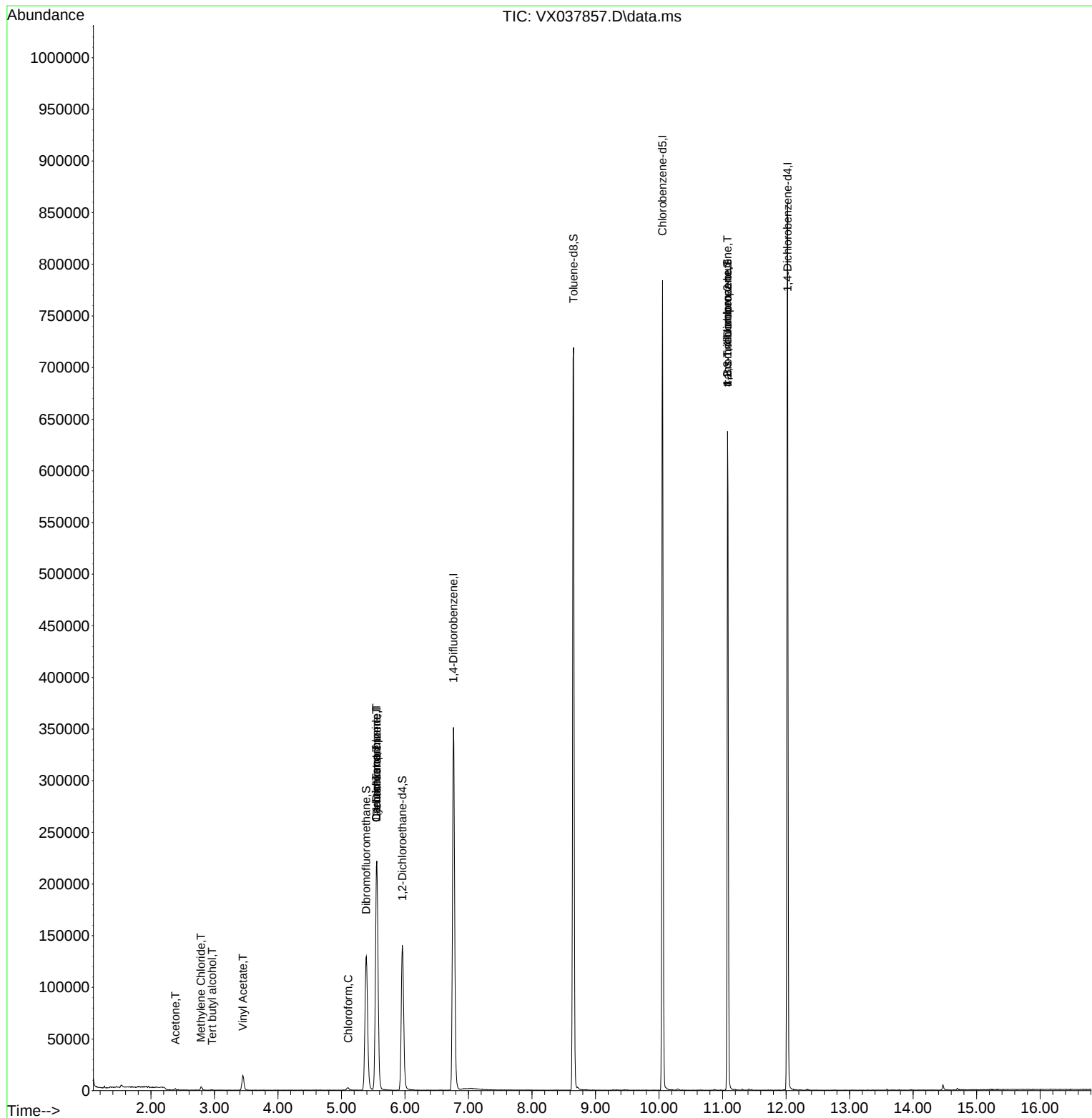
Internal Standards						
1) Pentafluorobenzene	5.556	168	212778	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	367947	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	354642	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	181175	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	136070	48.673	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	97.340%		
35) Dibromofluoromethane	5.385	113	115812	47.041	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.080%		
50) Toluene-d8	8.653	98	447919	48.965	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.940%		
62) 4-Bromofluorobenzene	11.079	95	165390	49.755	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.500%		
Target Compounds						
						Qvalue
11) Tert butyl alcohol	2.965	59	503	0.838	ug/l	# 78
16) Acetone	2.386	43	1328	0.987	ug/l	94
20) Methylene Chloride	2.788	84	1693	0.656	ug/l	87
23) Vinyl Acetate	3.447	43	3175	0.599	ug/l	# 47
30) Chloroform	5.105	83	3099	0.667	ug/l	85
31) Cyclohexane	5.550	56	4353	1.213	ug/l	# 1
36) 1,1-Dichloropropene	5.550	75	15978	4.711	ug/l	# 52
38) Carbon Tetrachloride	5.550	117	22026	6.207	ug/l	# 15
76) 1,2,3-Trichloropropane	11.079	75	84524	20.171	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	84524	64.615	ug/l	# 5

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

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Instrument :
MSVOA_X
ClientSampleId :

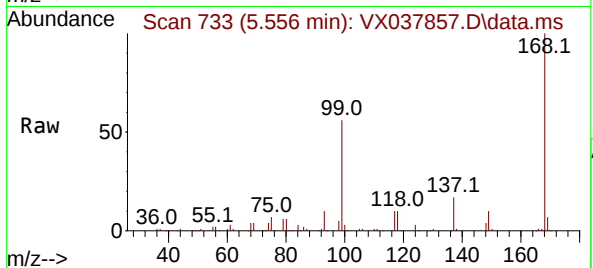
Quant Time: Sep 22 04:45:56 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091523W.M
Quant Title : SW846 8260
QLast Update : Sat Sep 16 04:55:44 2023
Response via : Initial Calibration



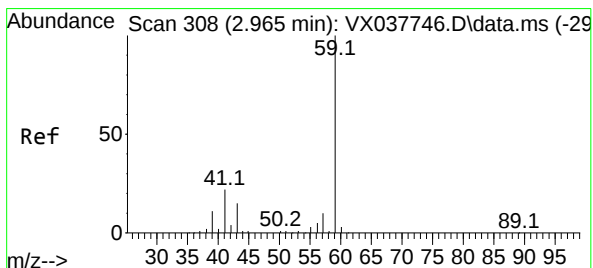
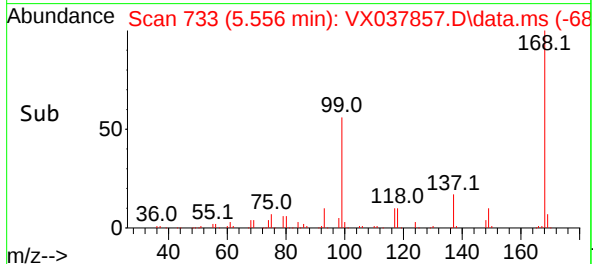
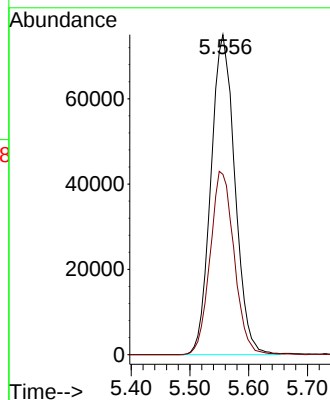


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX037857.D
Acq: 21 Sep 2023 15:59

Instrument :
MSVOA_X
ClientSampleId :

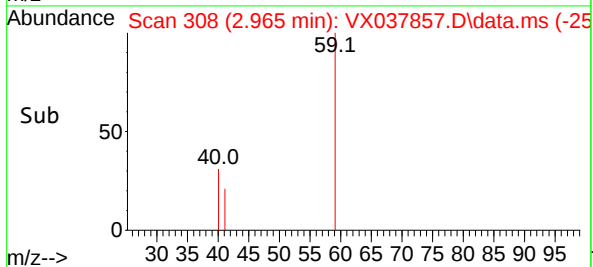
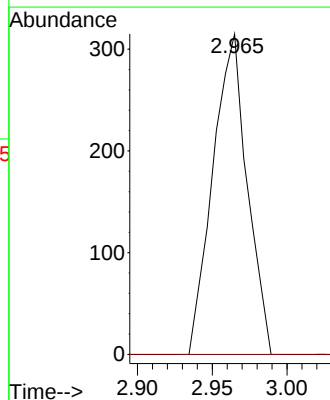
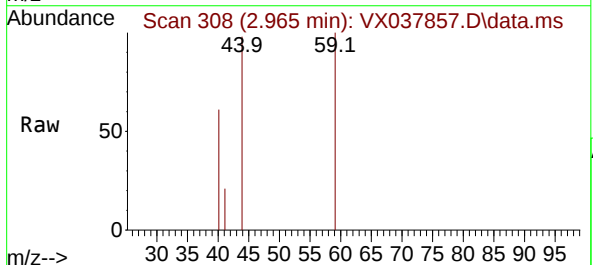


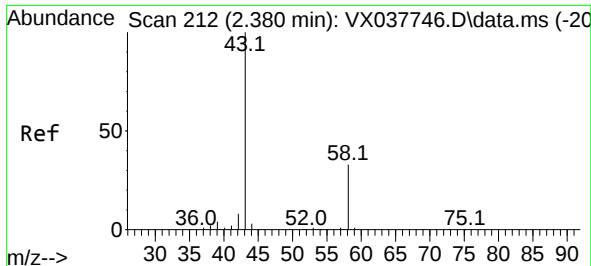
Tgt Ion:168 Resp: 212778
Ion Ratio Lower Upper
168 100
99 56.3 56.6 85.0#



#11
Tert butyl alcohol
Concen: 0.838 ug/l
RT: 2.965 min Scan# 308
Delta R.T. 0.000 min
Lab File: VX037857.D
Acq: 21 Sep 2023 15:59

Tgt Ion: 59 Resp: 503
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

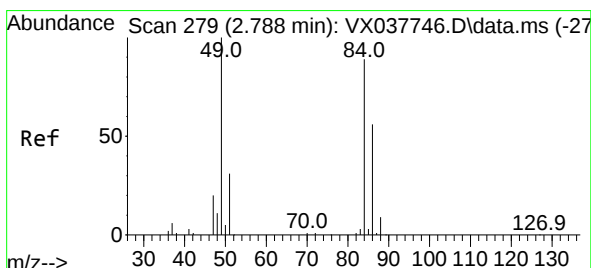
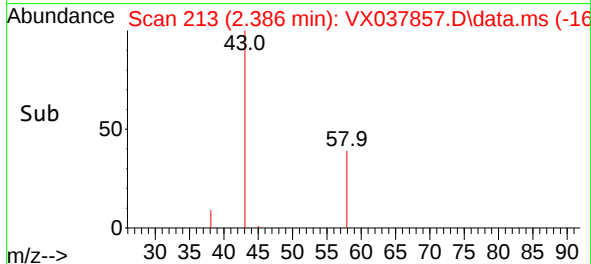
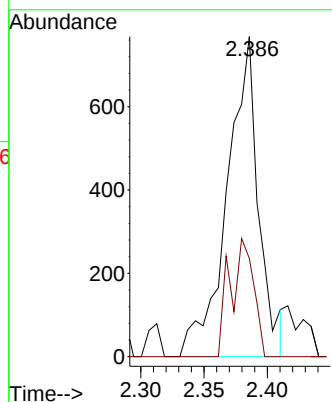
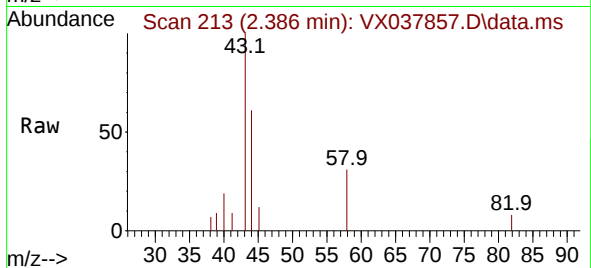




#16
Acetone
Concen: 0.987 ug/l
RT: 2.386 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX037857.D
Acq: 21 Sep 2023 15:59

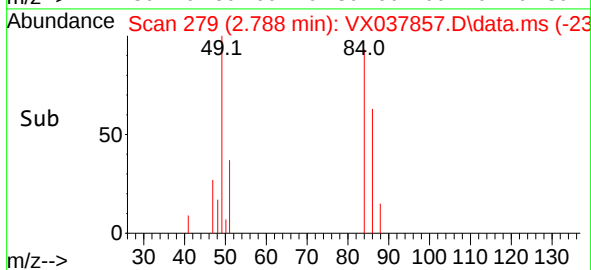
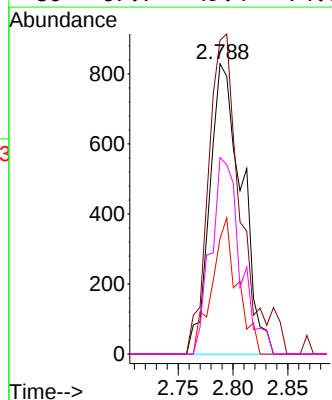
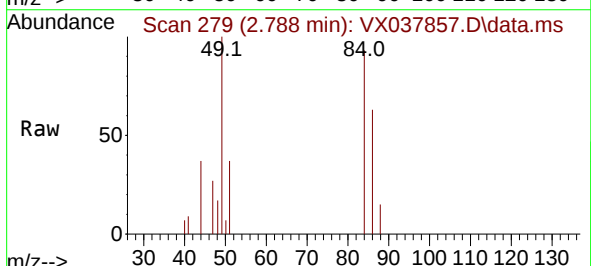
Instrument :
MSVOA_X
ClientSampleId :

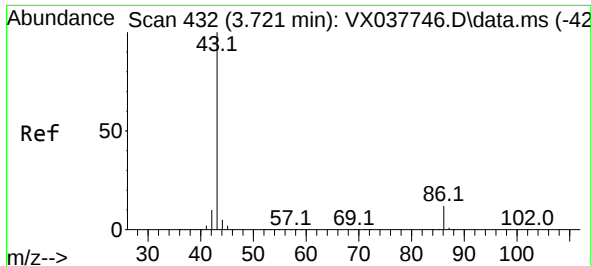
Tgt Ion: 43 Resp: 1328
Ion Ratio Lower Upper
43 100
58 30.7 21.9 32.9



#20
Methylene Chloride
Concen: 0.656 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX037857.D
Acq: 21 Sep 2023 15:59

Tgt Ion: 84 Resp: 1693
Ion Ratio Lower Upper
84 100
49 108.1 103.6 155.4
51 39.8 33.8 50.6
86 67.7 49.4 74.0

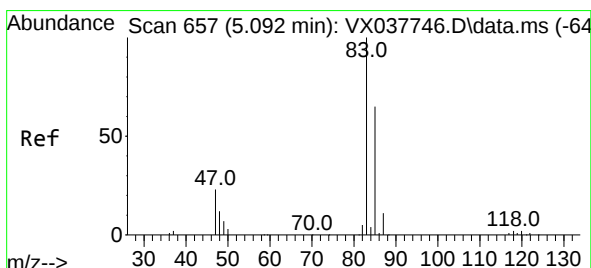
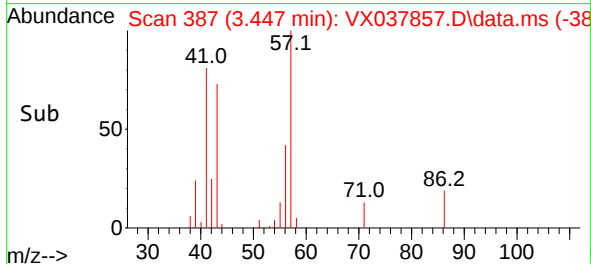
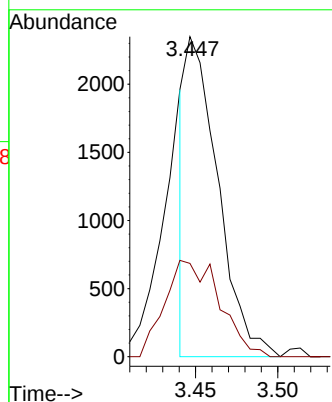
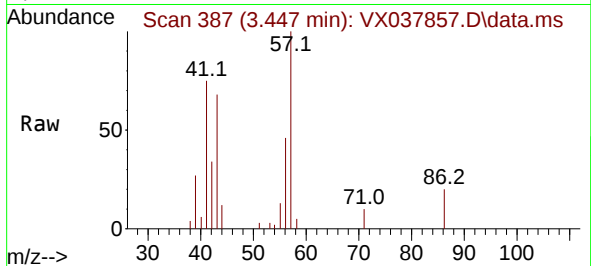




#23
 Vinyl Acetate
 Concen: 0.599 ug/l
 RT: 3.447 min Scan# 31
 Delta R.T. -0.280 min
 Lab File: VX037857.D
 Acq: 21 Sep 2023 15:59

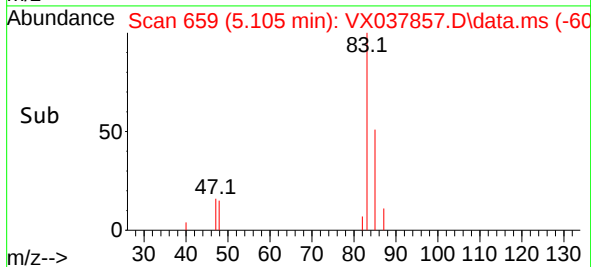
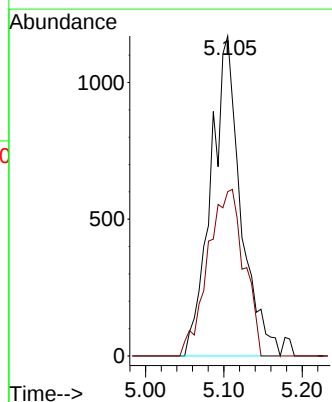
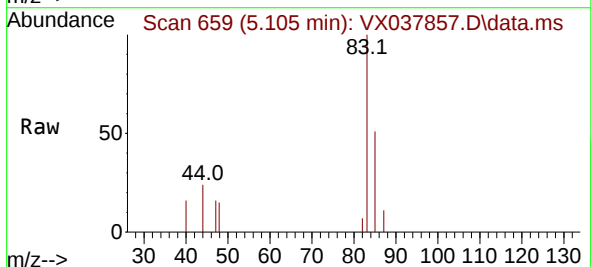
Instrument :
 MSVOA_X
 ClientSampleId :

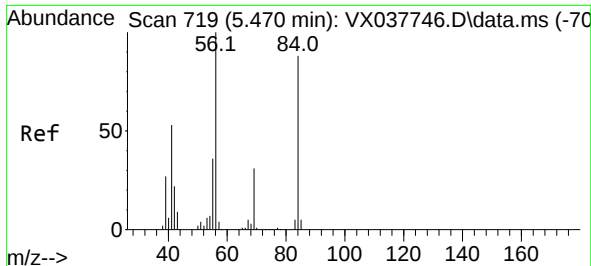
Tgt Ion: 43 Resp: 3175
 Ion Ratio Lower Upper
 43 100
 86 29.2 7.8 11.8#



#30
 Chloroform
 Concen: 0.667 ug/l
 RT: 5.105 min Scan# 659
 Delta R.T. 0.012 min
 Lab File: VX037857.D
 Acq: 21 Sep 2023 15:59

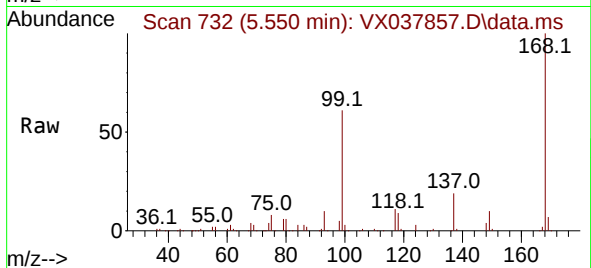
Tgt Ion: 83 Resp: 3099
 Ion Ratio Lower Upper
 83 100
 85 51.4 50.3 75.5



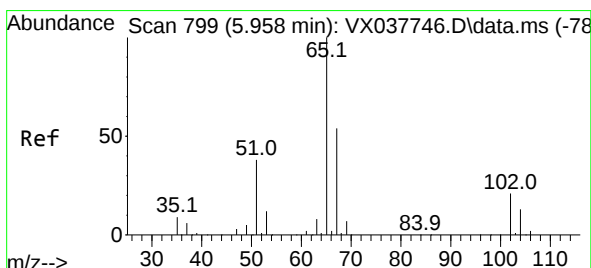
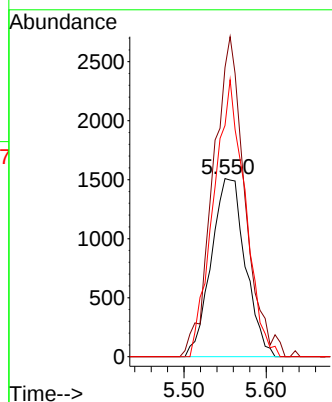
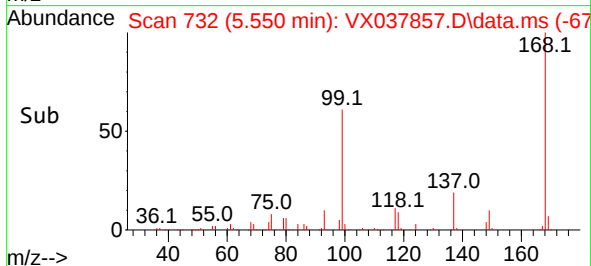


#31
Cyclohexane
Concen: 1.213 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX037857.D
Acq: 21 Sep 2023 15:59

Instrument :
MSVOA_X
ClientSampleId :

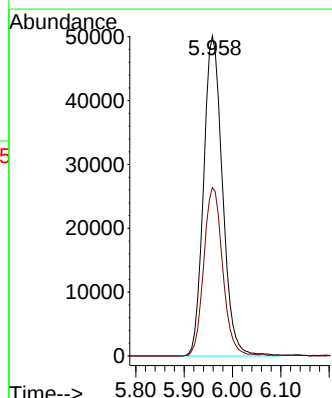
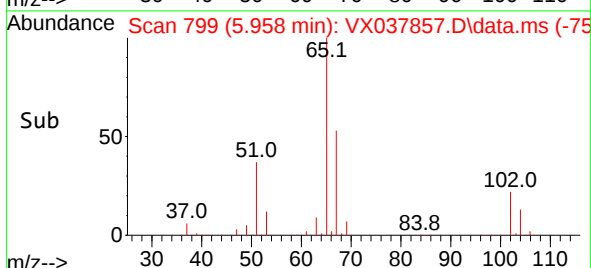
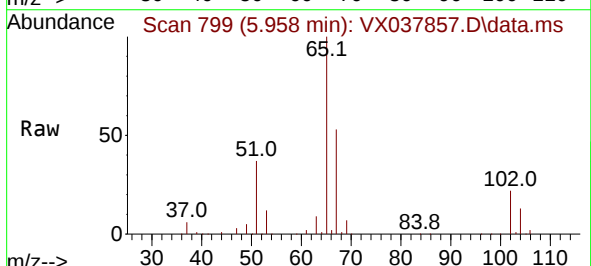


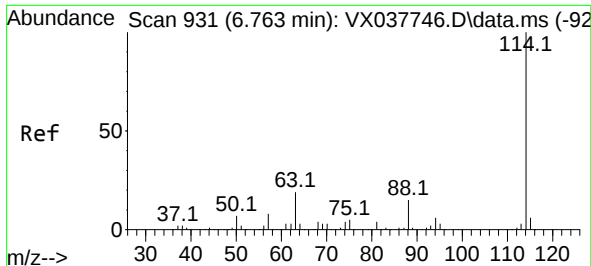
Tgt Ion: 56 Resp: 4353
Ion Ratio Lower Upper
56 100
69 162.3 23.4 35.2#
84 129.8 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 48.673 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX037857.D
Acq: 21 Sep 2023 15:59

Tgt Ion: 65 Resp: 136070
Ion Ratio Lower Upper
65 100
67 52.5 0.0 100.2

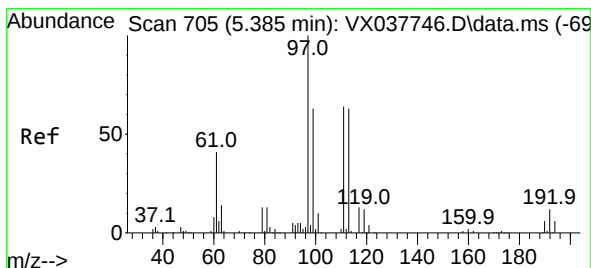
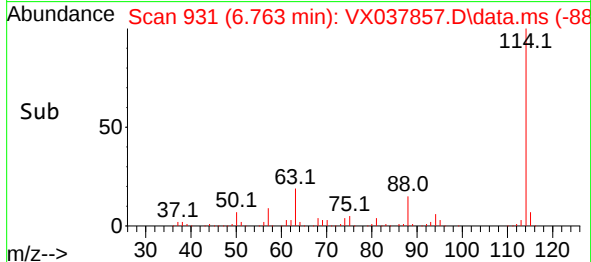
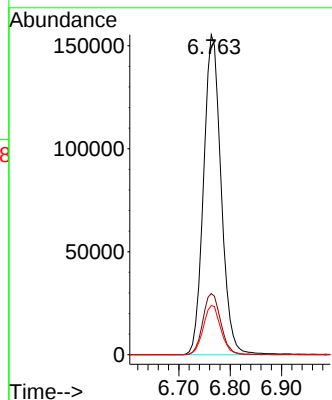
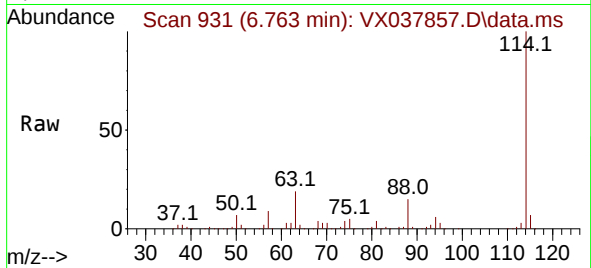




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX037857.D
Acq: 21 Sep 2023 15:59

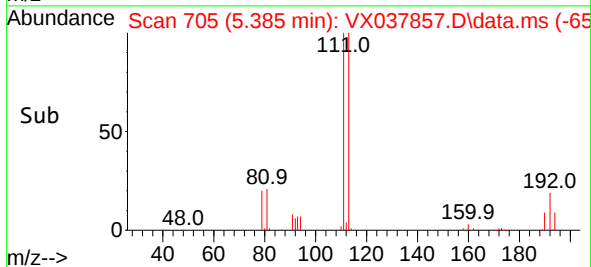
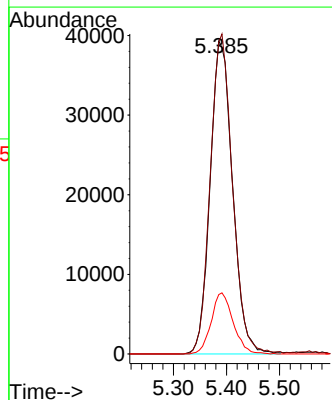
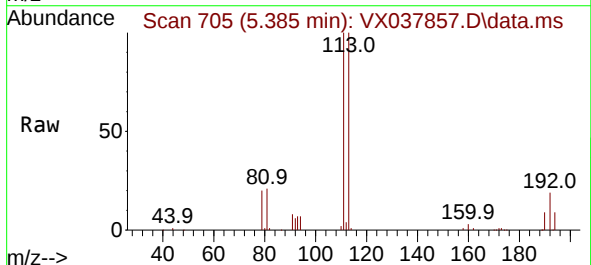
Instrument :
MSVOA_X
ClientSampleId :

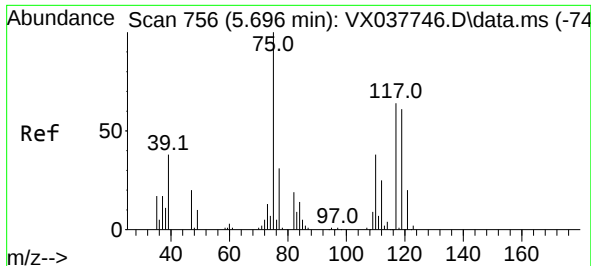
Tgt Ion:114 Resp: 367947
Ion Ratio Lower Upper
114 100
63 19.1 0.0 45.0
88 15.4 0.0 36.6



#35
Dibromofluoromethane
Concen: 47.041 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX037857.D
Acq: 21 Sep 2023 15:59

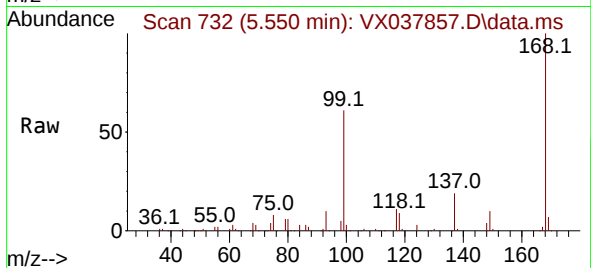
Tgt Ion:113 Resp: 115812
Ion Ratio Lower Upper
113 100
111 101.3 82.9 124.3
192 19.1 13.3 19.9



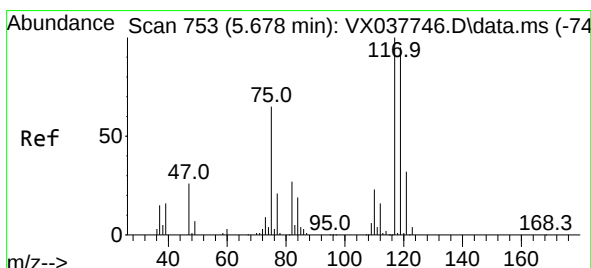
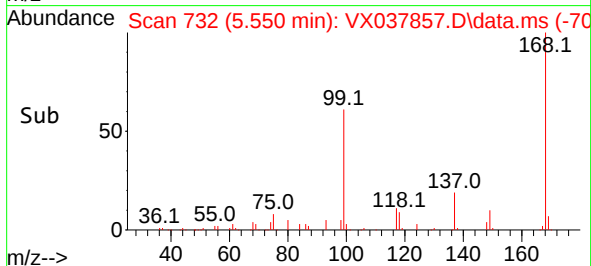
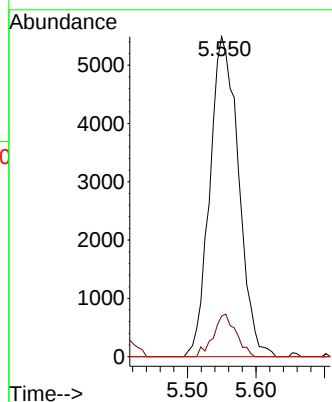


#36
1,1-Dichloropropene
Concen: 4.711 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.146 min
Lab File: VX037857.D
Acq: 21 Sep 2023 15:59

Instrument :
MSVOA_X
ClientSampleId :

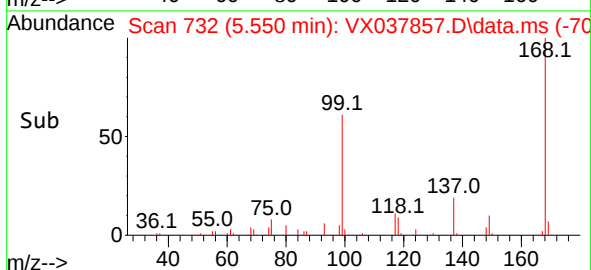
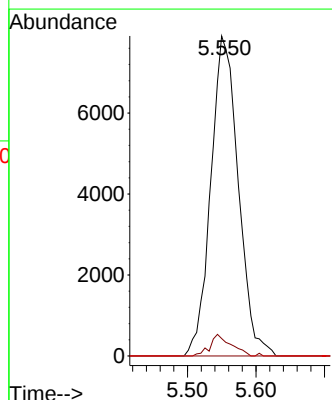
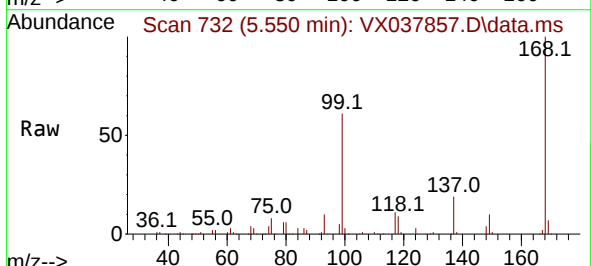


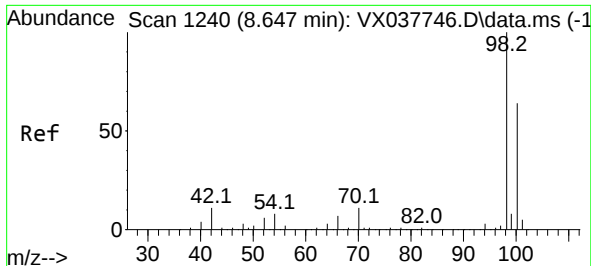
Tgt Ion: 75 Resp: 15978
Ion Ratio Lower Upper
75 100
110 10.5 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.207 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX037857.D
Acq: 21 Sep 2023 15:59

Tgt Ion: 117 Resp: 22026
Ion Ratio Lower Upper
117 100
119 5.5 78.2 117.2#
121 0.0 24.4 36.6#

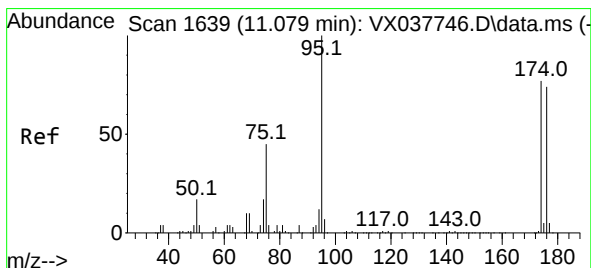
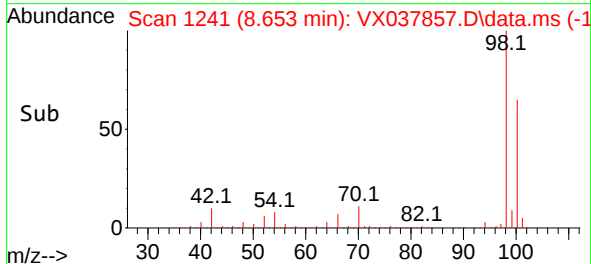
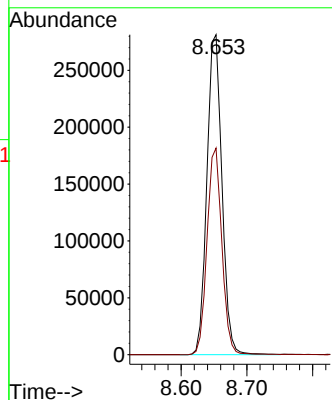
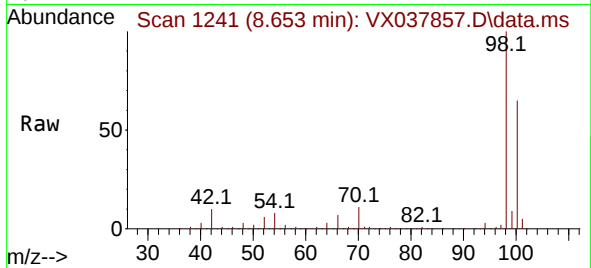




#50
Toluene-d8
Concen: 48.965 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX037857.D
Acq: 21 Sep 2023 15:59

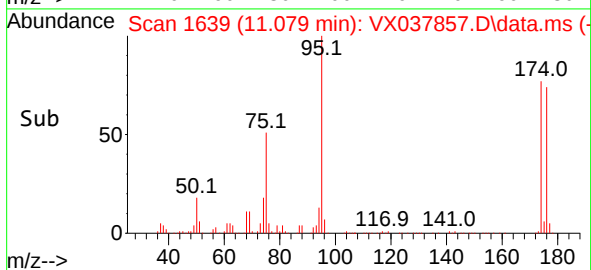
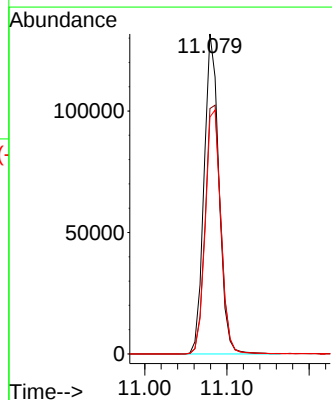
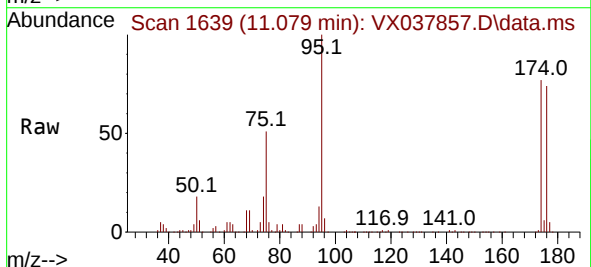
Instrument :
MSVOA_X
ClientSampleId :

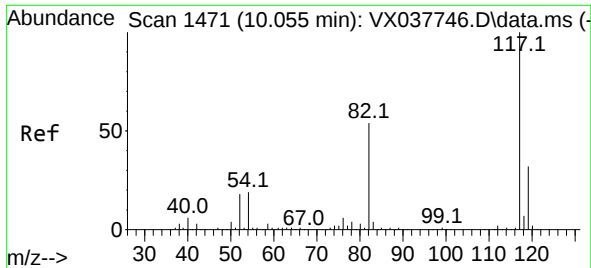
Tgt Ion: 98 Resp: 447919
Ion Ratio Lower Upper
98 100
100 63.6 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 49.755 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037857.D
Acq: 21 Sep 2023 15:59

Tgt Ion: 95 Resp: 165390
Ion Ratio Lower Upper
95 100
174 81.8 0.0 135.6
176 79.8 0.0 131.0

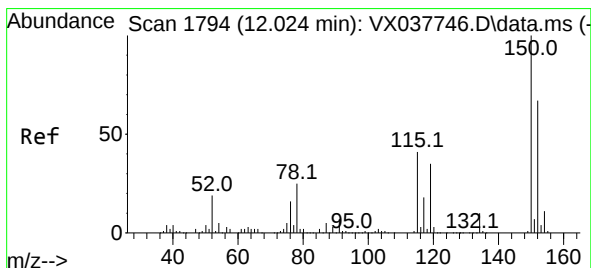
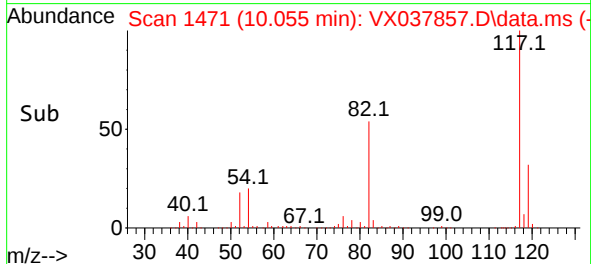
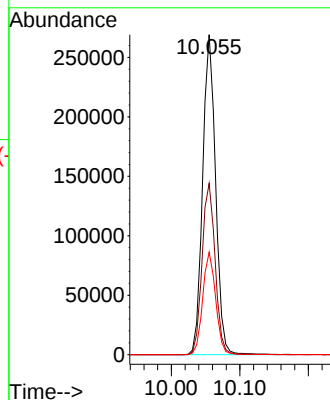
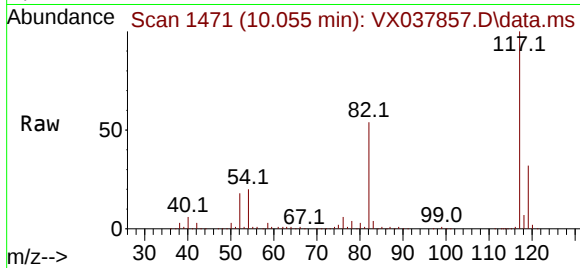




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037857.D
Acq: 21 Sep 2023 15:59

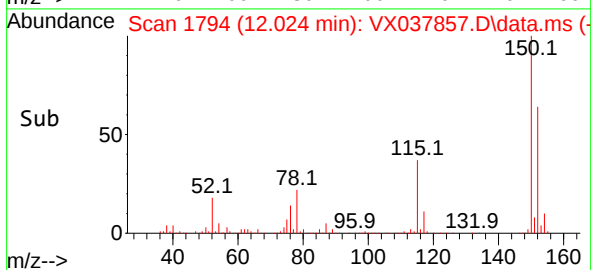
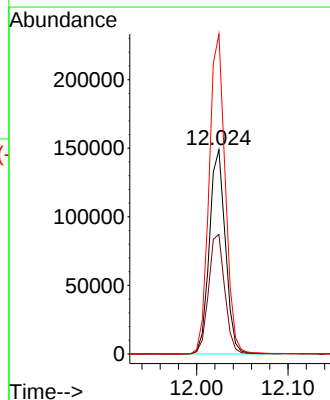
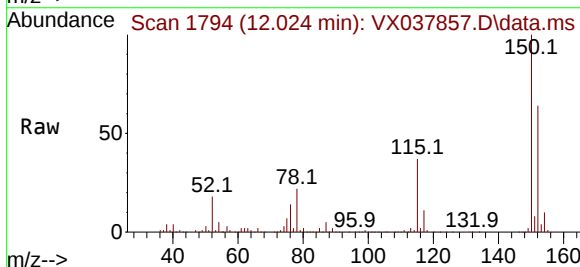
Instrument :
MSVOA_X
ClientSampleId :

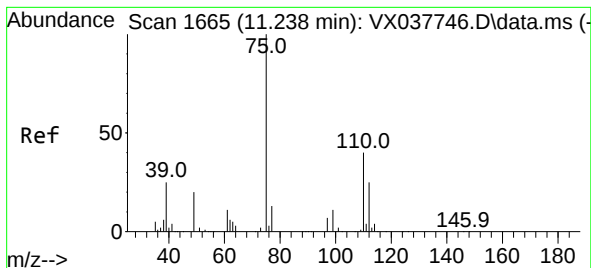
Tgt Ion:117 Resp: 354642
Ion Ratio Lower Upper
117 100
82 53.6 46.2 69.4
119 32.0 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX037857.D
Acq: 21 Sep 2023 15:59

Tgt Ion:152 Resp: 181175
Ion Ratio Lower Upper
152 100
115 59.4 43.3 129.9
150 158.1 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 20.171 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX037857.D

Acq: 21 Sep 2023 15:59

Instrument :

MSVOA_X

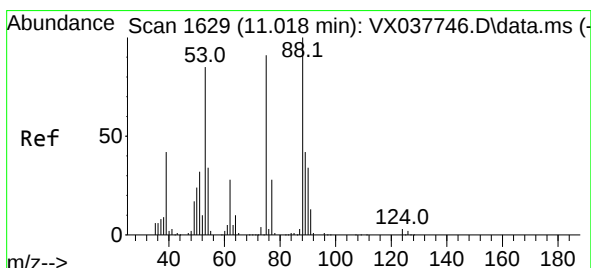
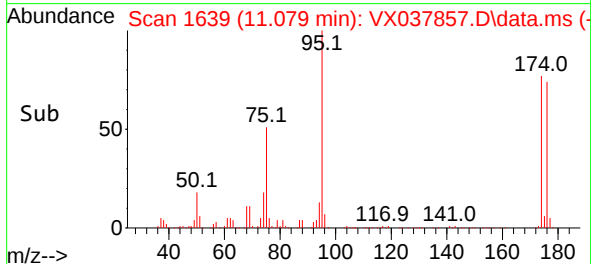
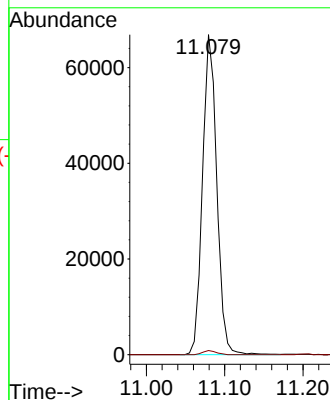
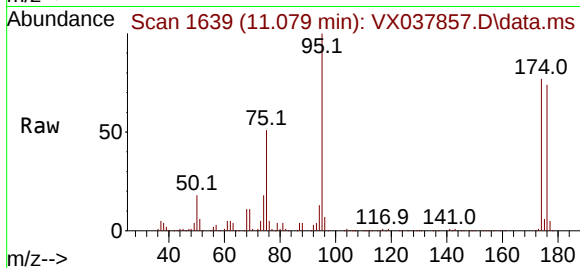
ClientSampleId :

Tgt Ion: 75 Resp: 84524

Ion Ratio Lower Upper

75 100

77 1.2 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 64.615 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX037857.D

Acq: 21 Sep 2023 15:59

Tgt Ion: 75 Resp: 84524

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

