

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111423\
 Data File : VX038804.D
 Acq On : 14 Nov 2023 14:26
 Operator : JC/MD
 Sample : 05376-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 14 18:28:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111423W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 14 09:15:55 2023
 Response via : Initial Calibration

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

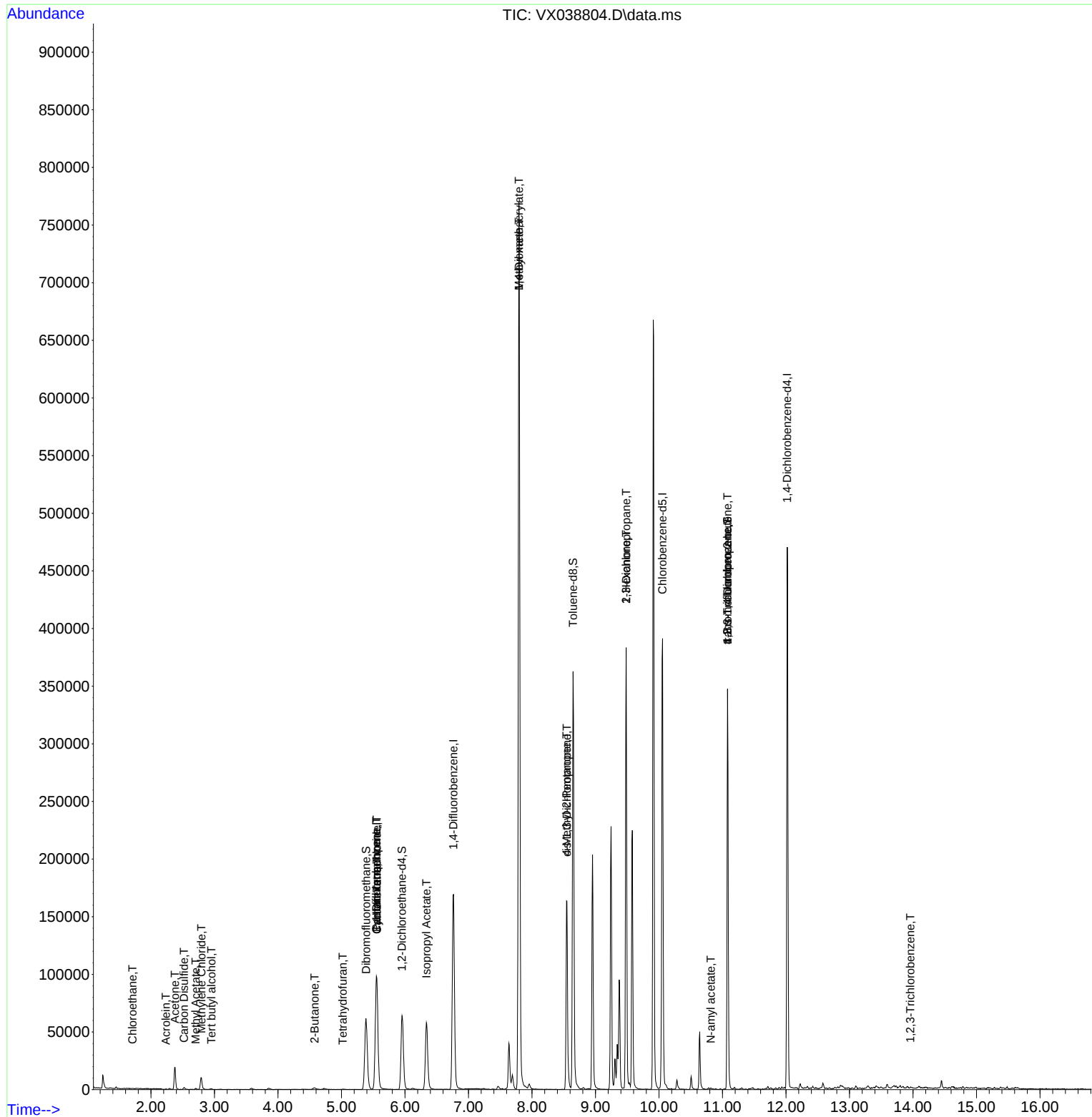
Internal Standards						
1) Pentafluorobenzene	5.550	168	96370	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	185487	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	190614	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	101143	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	62255	45.408	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	90.820%		
35) Dibromofluoromethane	5.385	113	56955	44.695	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	89.400%		
50) Toluene-d8	8.647	98	224600	47.584	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	95.160%		
62) 4-Bromofluorobenzene	11.079	95	105071	53.241	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	106.480%		
Target Compounds						
					Qvalue	
6) Chloroethane	1.709	64	285	0.476	ug/l #	43
11) Tert butyl alcohol	2.953	59	707	2.018	ug/l #	78
13) Acrolein	2.233	56	70	0.301	ug/l #	48
16) Acetone	2.380	43	19983	27.200	ug/l	90
17) Carbon Disulfide	2.520	76	896	0.299	ug/l	96
18) Methyl Acetate	2.703	43	1101	0.323	ug/l	95
20) Methylene Chloride	2.794	84	5384	3.918	ug/l #	82
25) 2-Butanone	4.574	43	1766	1.618	ug/l #	89
29) Tetrahydrofuran	5.019	42	155	0.221	ug/l #	61
31) Cyclohexane	5.556	56	1947	1.043	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	7514	4.194	ug/l #	49
38) Carbon Tetrachloride	5.556	117	9925	5.993	ug/l #	15
43) Isopropyl Acetate	6.336	43	81568	26.358	ug/l	94
48) Methyl methacrylate	7.793	41	64253	42.424	ug/l #	45
49) 1,4-Dioxane	7.793	88	19	0.617	ug/l #	1
51) 4-Methyl-2-Pentanone	8.543	43	59087	28.256	ug/l #	52
54) cis-1,3-Dichloropropene	8.549	75	29149	14.632	ug/l #	53
57) 1,3-Dichloropropane	9.482	76	3355	1.529	ug/l #	42
59) 2-Hexanone	9.482	43	44352	26.320	ug/l #	54
74) N-amyl acetate	10.817	43	804	0.275	ug/l #	44
76) 1,2,3-Trichloropropane	11.079	75	47313	21.908	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	47313	62.952	ug/l #	5
96) 1,2,3-Trichlorobenzene	13.957	180	405	0.201	ug/l	81

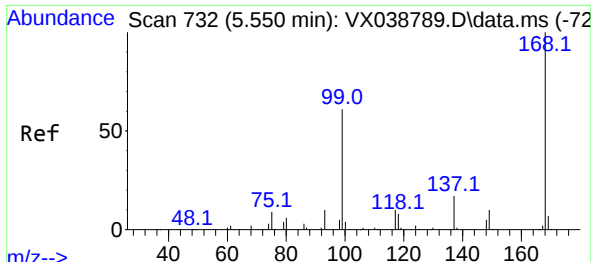
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111423\
Data File : VX038804.D
Acq On : 14 Nov 2023 14:26
Operator : JC/MD
Sample : 05376-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

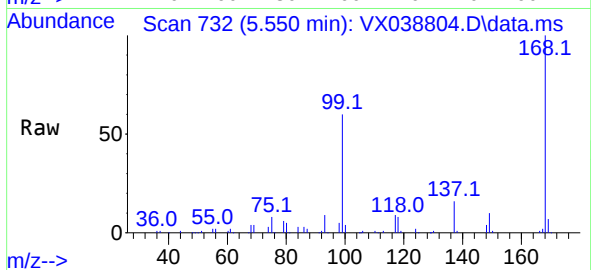
Quant Time: Nov 14 18:28:50 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111423W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 14 09:15:55 2023
Response via : Initial Calibration



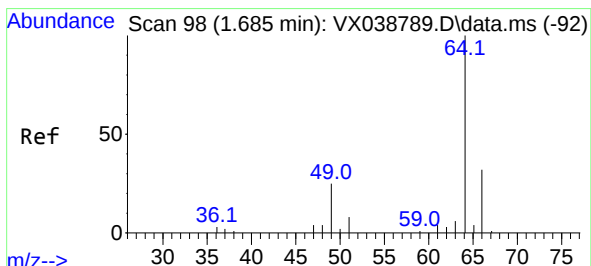
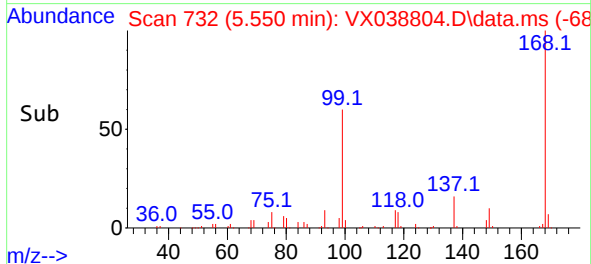
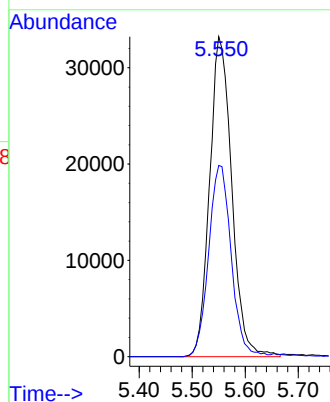


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038804.D
Acq: 14 Nov 2023 14:26

Instrument :
MSVOA_X
ClientSampleId :

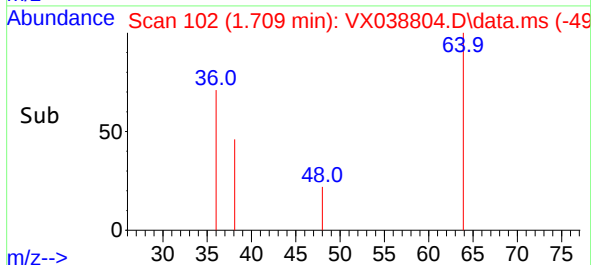
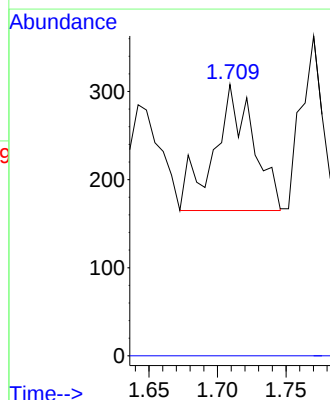
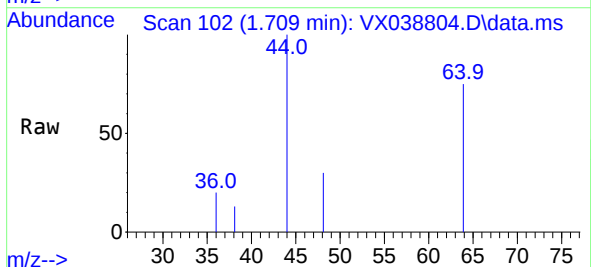


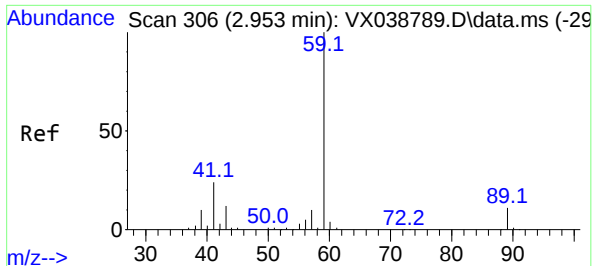
Tgt Ion:168 Resp: 96370
Ion Ratio Lower Upper
168 100
99 59.7 56.6 85.0



#6
Chloroethane
Concen: 0.476 ug/l
RT: 1.709 min Scan# 102
Delta R.T. 0.024 min
Lab File: VX038804.D
Acq: 14 Nov 2023 14:26

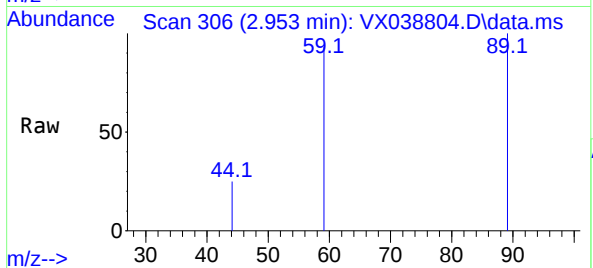
Tgt Ion: 64 Resp: 285
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



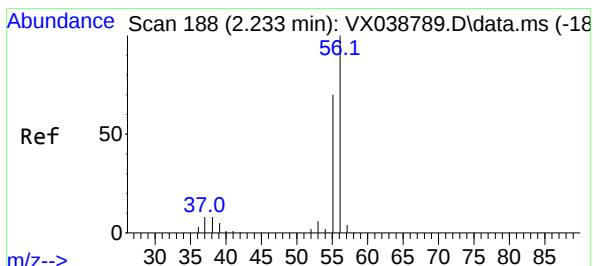
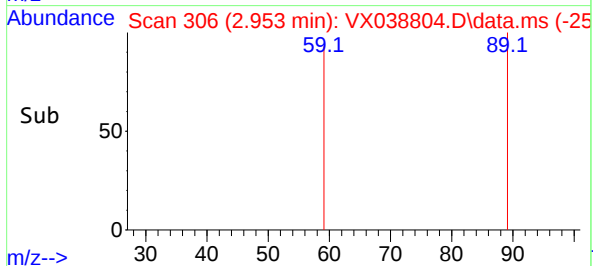
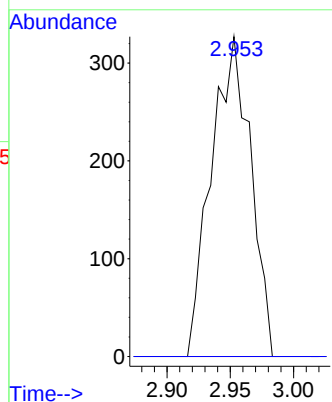


#11
Tert butyl alcohol
Concen: 2.018 ug/l
RT: 2.953 min Scan# 306
Delta R.T. 0.000 min
Lab File: VX038804.D
Acq: 14 Nov 2023 14:26

Instrument :
MSVOA_X
ClientSampleId :

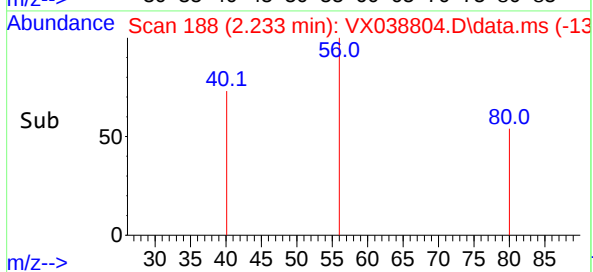
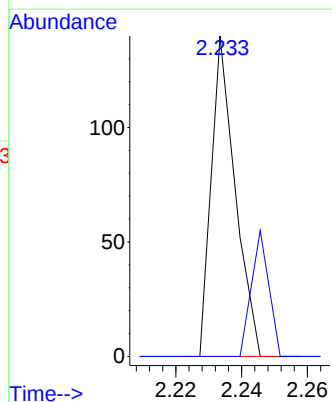
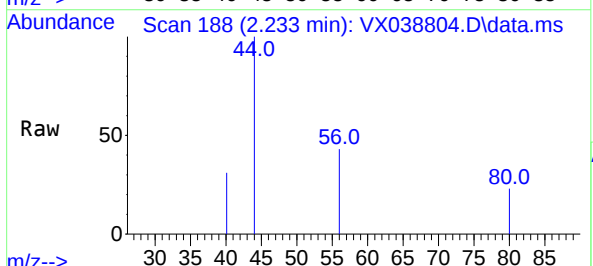


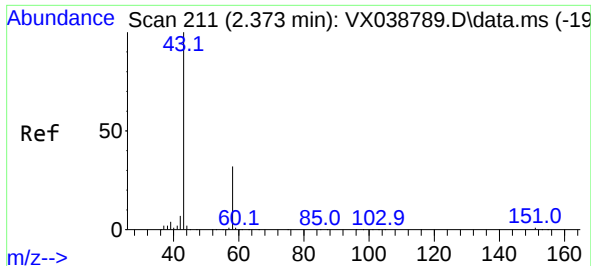
Tgt Ion: 59 Resp: 707
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#



#13
Acrolein
Concen: 0.301 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX038804.D
Acq: 14 Nov 2023 14:26

Tgt Ion: 56 Resp: 70
Ion Ratio Lower Upper
56 100
55 28.6 57.1 85.7#

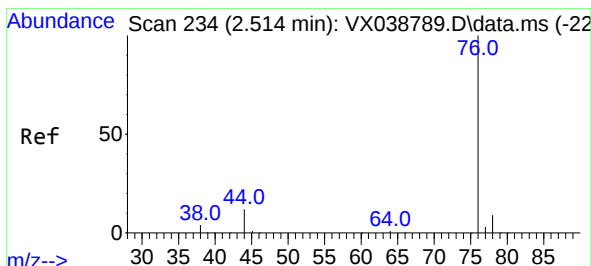
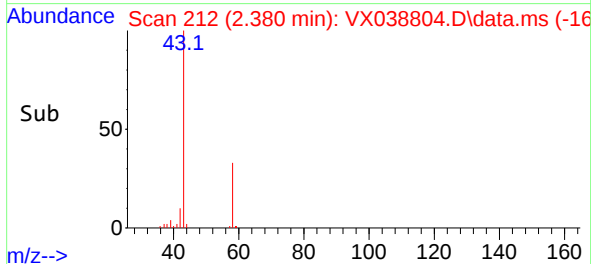
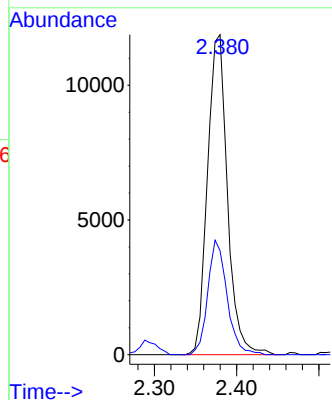
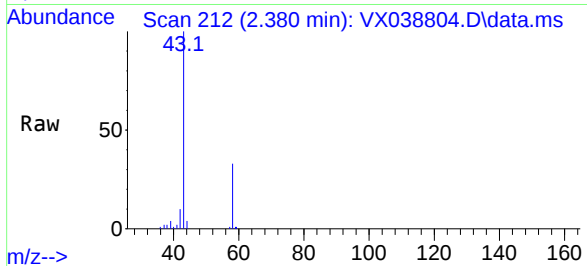




#16
Acetone
Concen: 27.200 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX038804.D
Acq: 14 Nov 2023 14:26

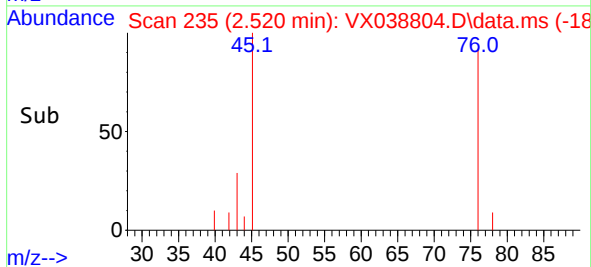
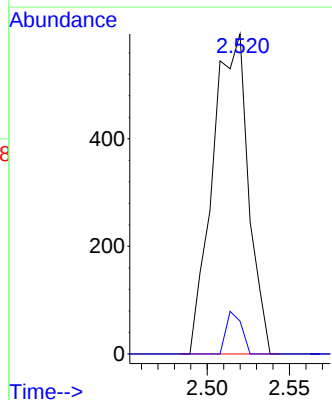
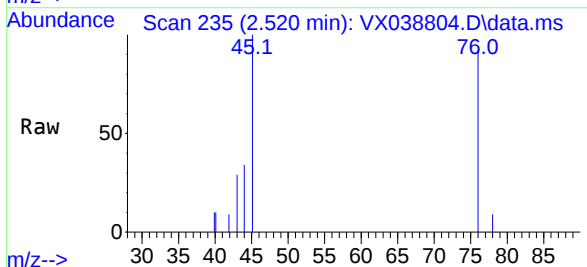
Instrument :
MSVOA_X
ClientSampleId :

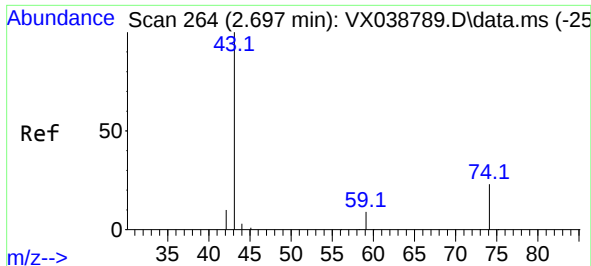
Tgt Ion: 43 Resp: 19983
Ion Ratio Lower Upper
43 100
58 32.5 21.9 32.9



#17
Carbon Disulfide
Concen: 0.299 ug/l
RT: 2.520 min Scan# 235
Delta R.T. 0.006 min
Lab File: VX038804.D
Acq: 14 Nov 2023 14:26

Tgt Ion: 76 Resp: 896
Ion Ratio Lower Upper
76 100
78 10.3 7.0 10.6

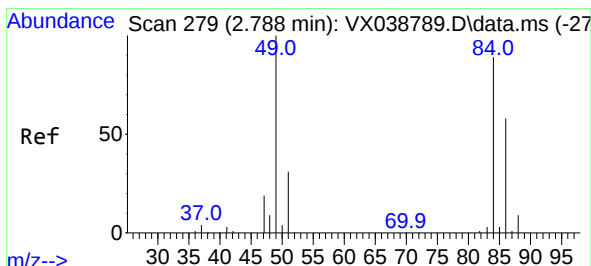
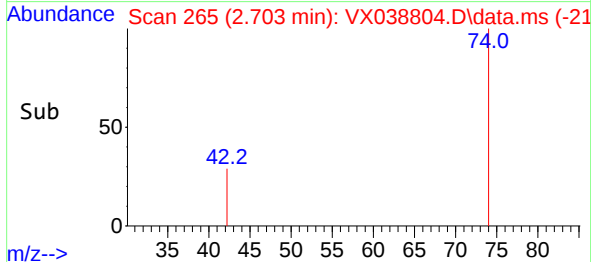
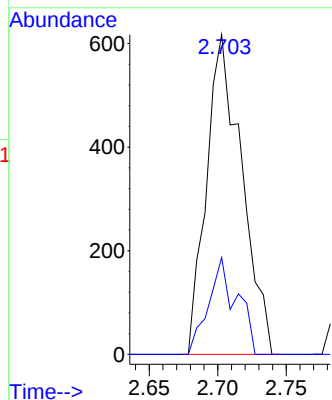
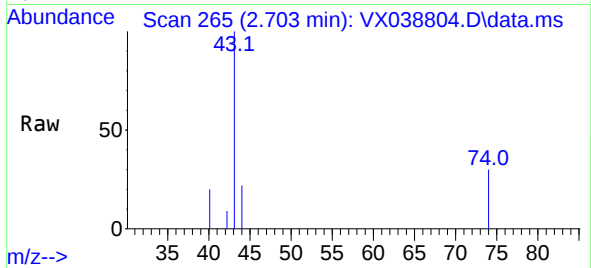




#18
Methyl Acetate
Concen: 0.323 ug/l
RT: 2.703 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX038804.D
Acq: 14 Nov 2023 14:26

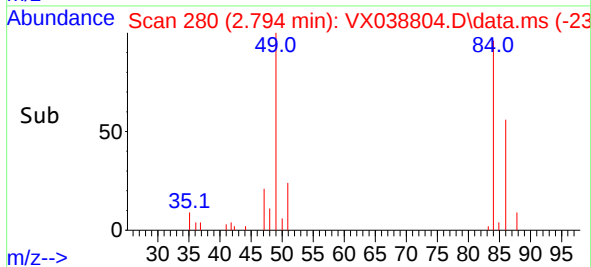
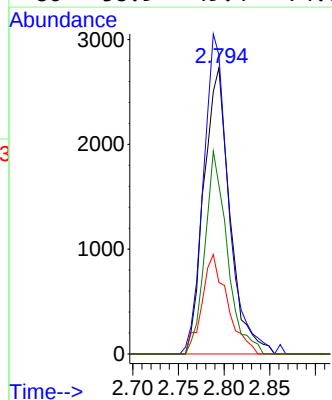
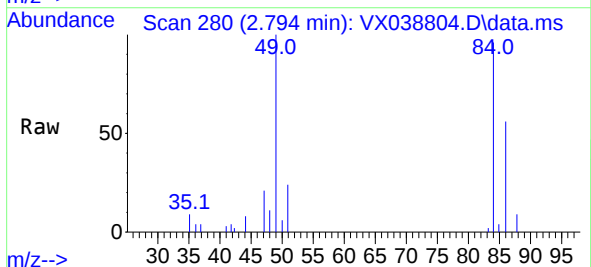
Instrument :
MSVOA_X
ClientSampleId :

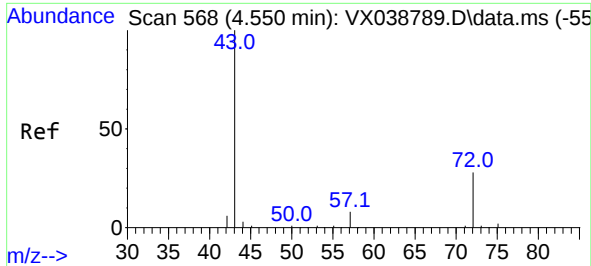
Tgt Ion: 43 Resp: 1101
Ion Ratio Lower Upper
43 100
74 24.5 17.8 26.8



#20
Methylene Chloride
Concen: 3.918 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX038804.D
Acq: 14 Nov 2023 14:26

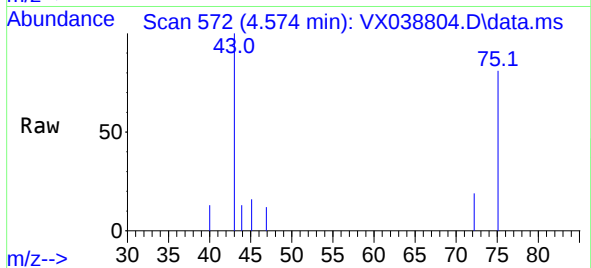
Tgt Ion: 84 Resp: 5384
Ion Ratio Lower Upper
84 100
49 104.5 103.6 155.4
51 25.0 33.8 50.6#
86 58.9 49.4 74.0



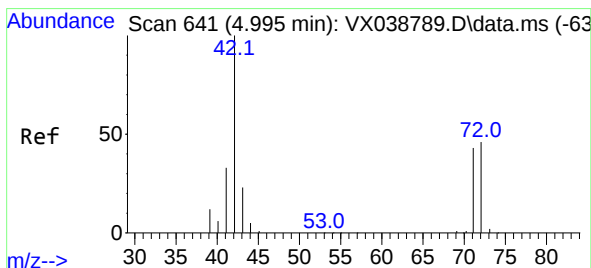
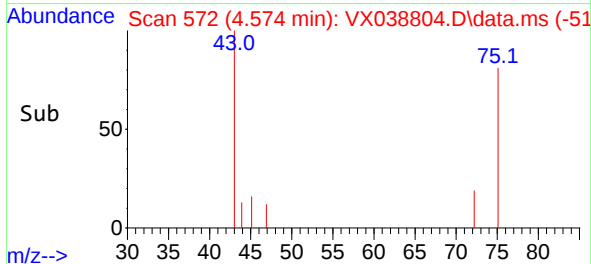
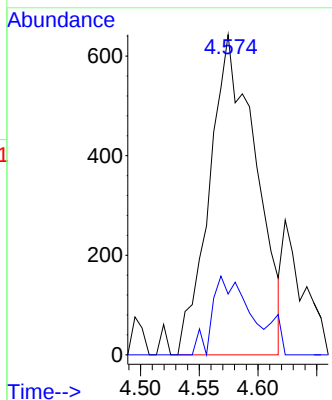


#25
2-Butanone
Concen: 1.618 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.025 min
Lab File: VX038804.D
Acq: 14 Nov 2023 14:26

Instrument :
MSVOA_X
ClientSampleId :

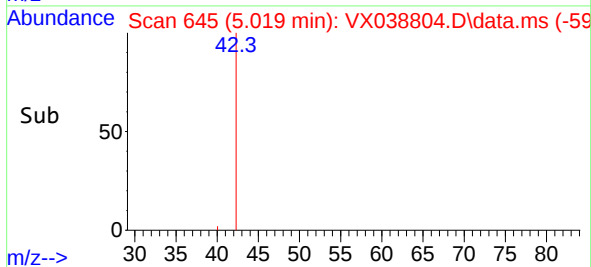
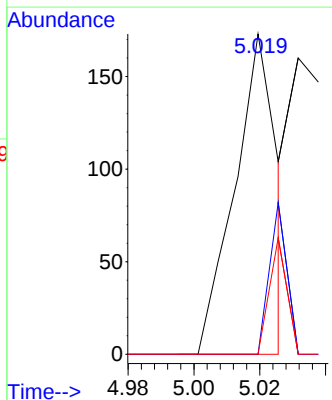
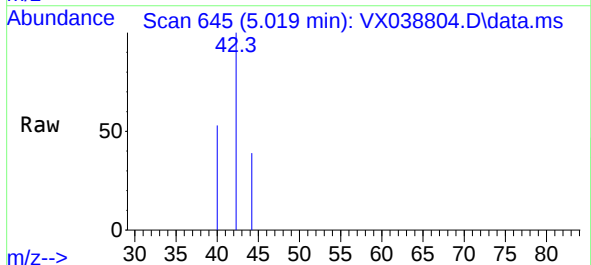


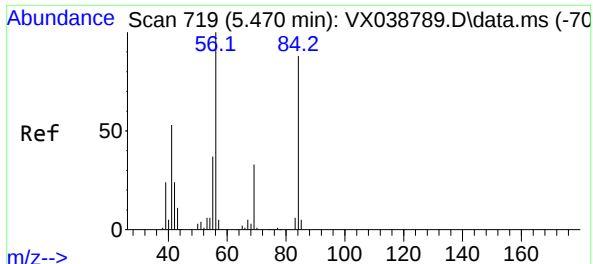
Tgt Ion: 43 Resp: 1766
Ion Ratio Lower Upper
43 100
72 19.0 19.4 29.2#



#29
Tetrahydrofuran
Concen: 0.221 ug/l
RT: 5.019 min Scan# 645
Delta R.T. 0.025 min
Lab File: VX038804.D
Acq: 14 Nov 2023 14:26

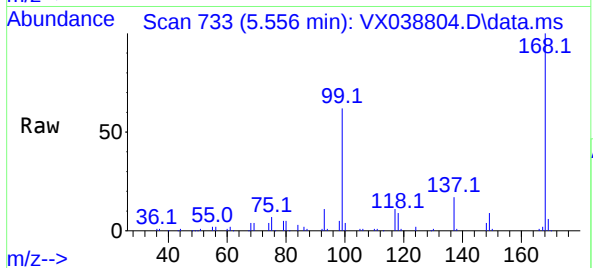
Tgt Ion: 42 Resp: 155
Ion Ratio Lower Upper
42 100
72 19.4 34.2 51.4#
71 14.8 32.2 48.2#



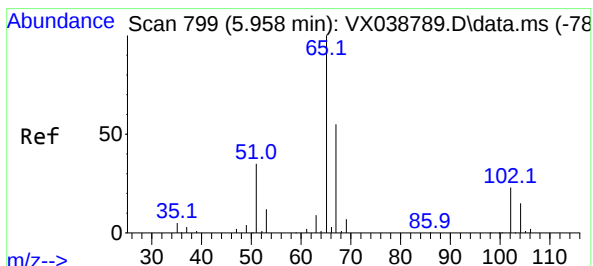
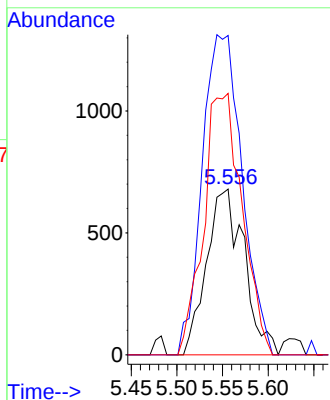
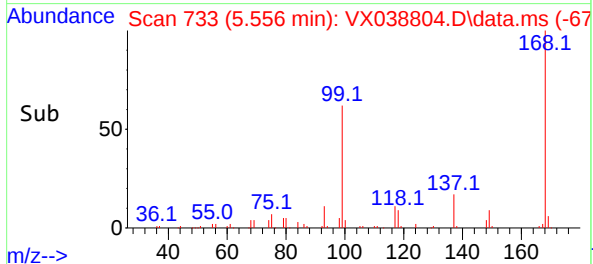


#31
Cyclohexane
Concen: 1.043 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.086 min
Lab File: VX038804.D
Acq: 14 Nov 2023 14:26

Instrument :
MSVOA_X
ClientSampleId :

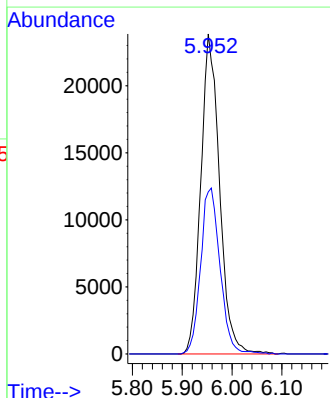
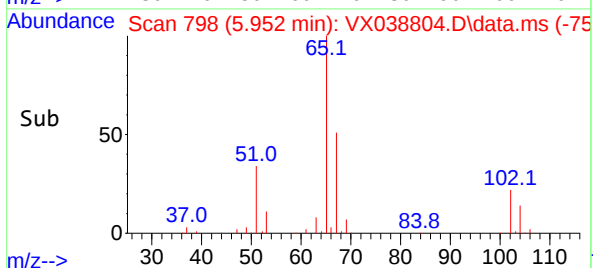
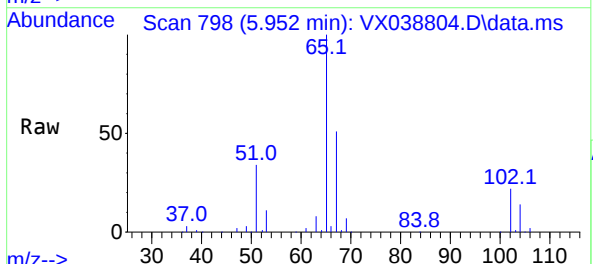


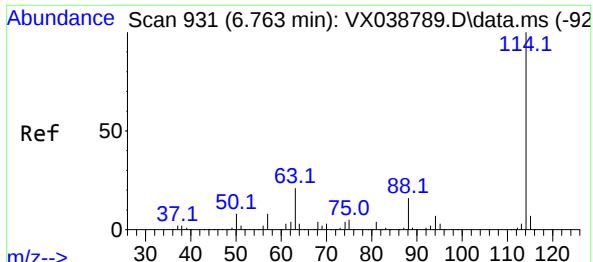
Tgt Ion: 56 Resp: 1947
Ion Ratio Lower Upper
56 100
69 192.6 23.4 35.2#
84 157.6 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 45.408 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX038804.D
Acq: 14 Nov 2023 14:26

Tgt Ion: 65 Resp: 62255
Ion Ratio Lower Upper
65 100
67 53.7 0.0 100.2

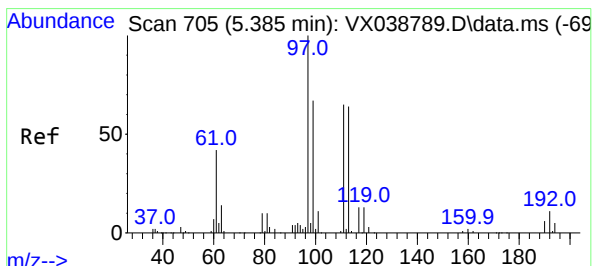
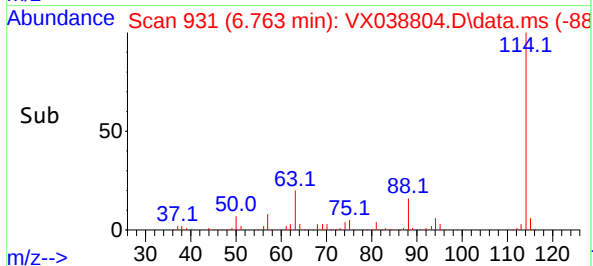
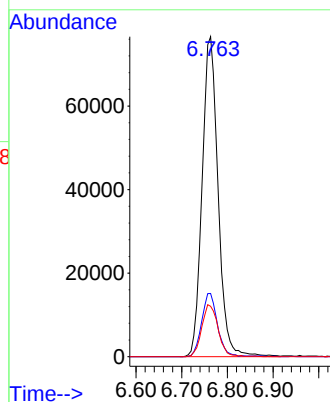
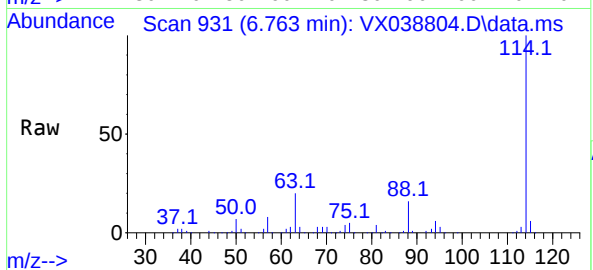




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX038804.D
Acq: 14 Nov 2023 14:26

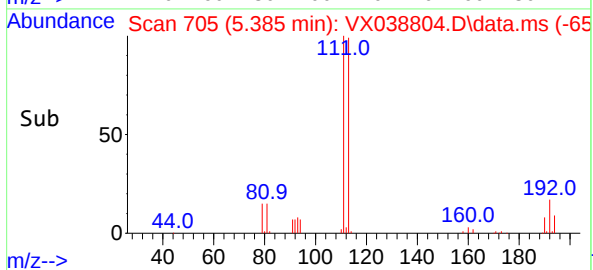
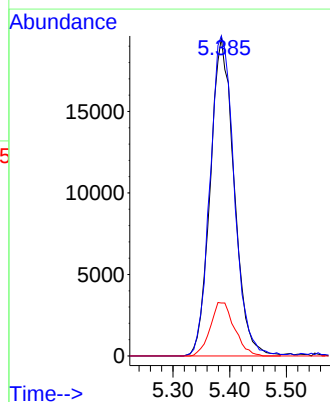
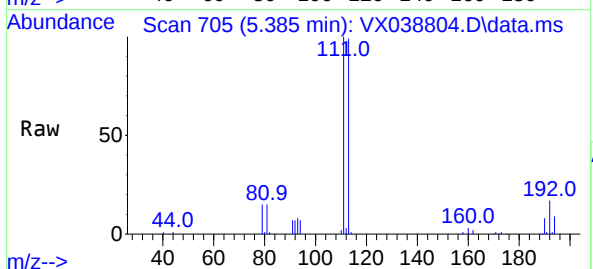
Instrument :
MSVOA_X
ClientSampleId :

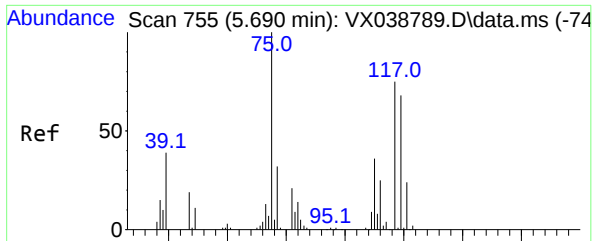
Tgt Ion:114 Resp: 185487
Ion Ratio Lower Upper
114 100
63 19.8 0.0 45.0
88 15.7 0.0 36.6



#35
Dibromofluoromethane
Concen: 44.695 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038804.D
Acq: 14 Nov 2023 14:26

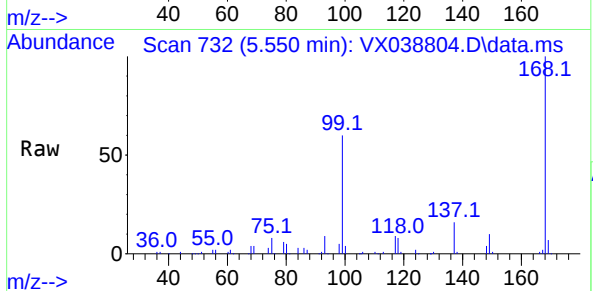
Tgt Ion:113 Resp: 56955
Ion Ratio Lower Upper
113 100
111 102.3 82.9 124.3
192 17.0 13.3 19.9



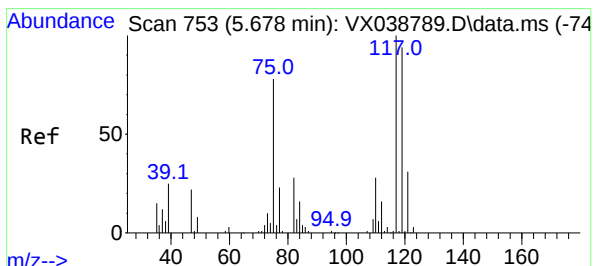
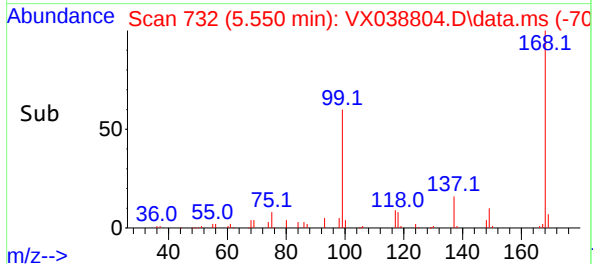
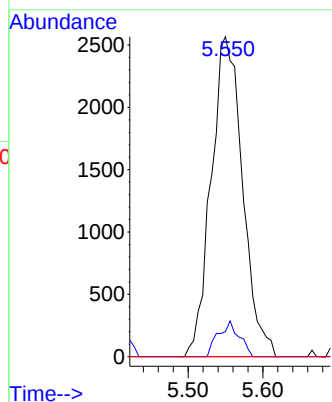


#36
1,1-Dichloropropene
Concen: 4.194 ug/l
RT: 5.550 min Scan# 714
Delta R.T. -0.140 min
Lab File: VX038804.D
Acq: 14 Nov 2023 14:26

Instrument :
MSVOA_X
ClientSampleId :

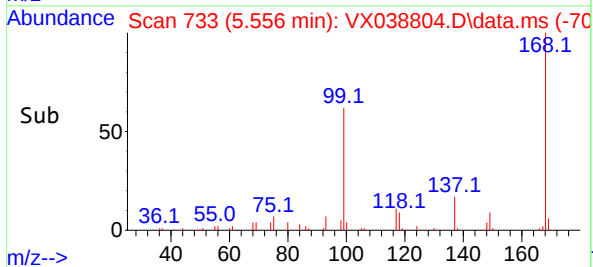
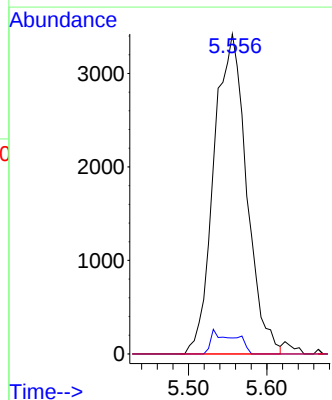
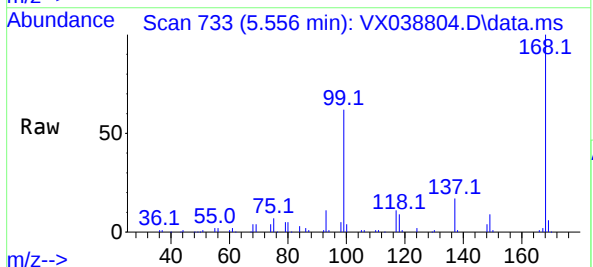


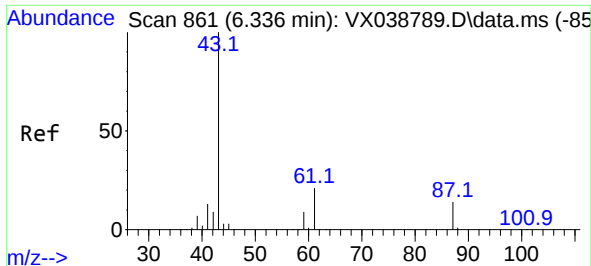
Tgt Ion: 75 Resp: 7514
Ion Ratio Lower Upper
75 100
110 7.4 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.993 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX038804.D
Acq: 14 Nov 2023 14:26

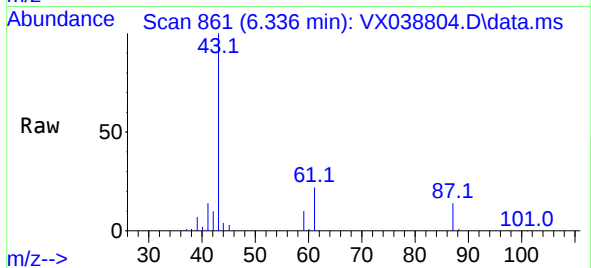
Tgt Ion: 117 Resp: 9925
Ion Ratio Lower Upper
117 100
119 5.0 78.2 117.2#
121 0.0 24.4 36.6#



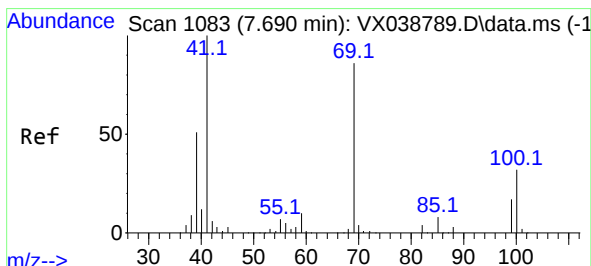
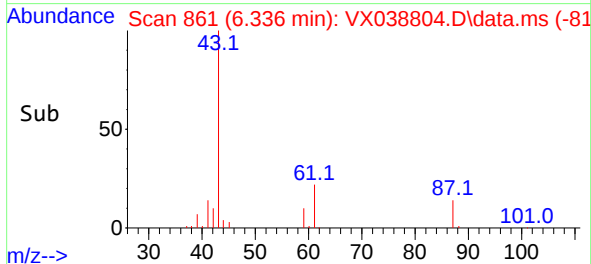
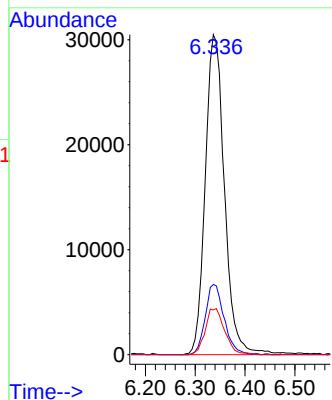


#43
Isopropyl Acetate
Concen: 26.358 ug/l
RT: 6.336 min Scan# 81
Delta R.T. 0.000 min
Lab File: VX038804.D
Acq: 14 Nov 2023 14:26

Instrument :
MSVOA_X
ClientSampleId :

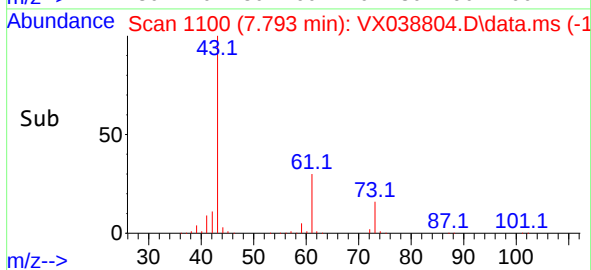
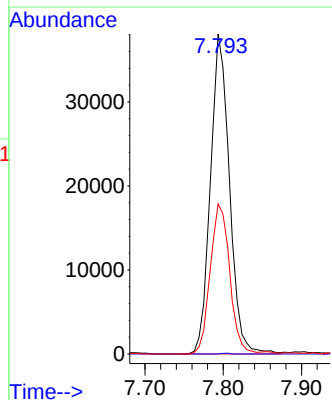
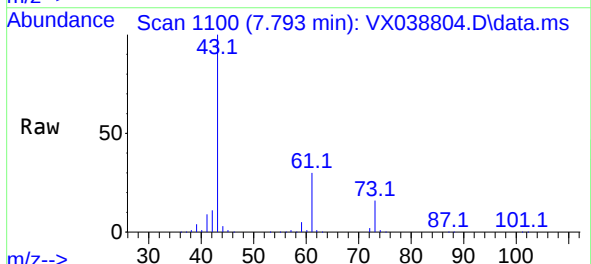


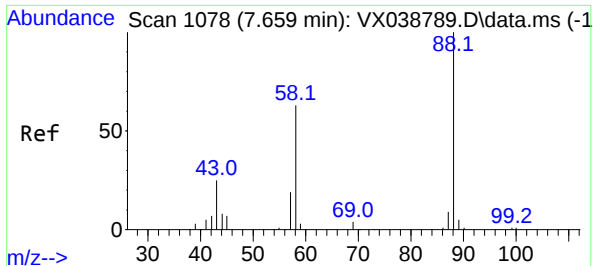
Tgt Ion: 43 Resp: 81568
Ion Ratio Lower Upper
43 100
61 21.5 15.2 22.8
87 14.6 9.8 14.6



#48
Methyl methacrylate
Concen: 42.424 ug/l
RT: 7.793 min Scan# 1100
Delta R.T. 0.104 min
Lab File: VX038804.D
Acq: 14 Nov 2023 14:26

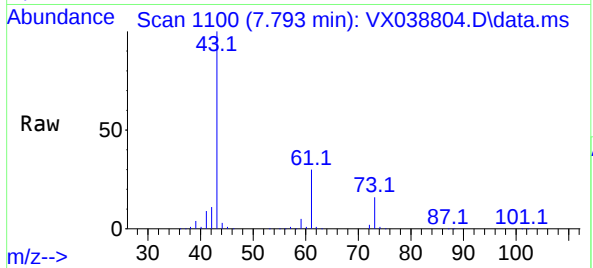
Tgt Ion: 41 Resp: 64253
Ion Ratio Lower Upper
41 100
69 0.1 59.2 88.8#
39 48.3 47.7 71.5



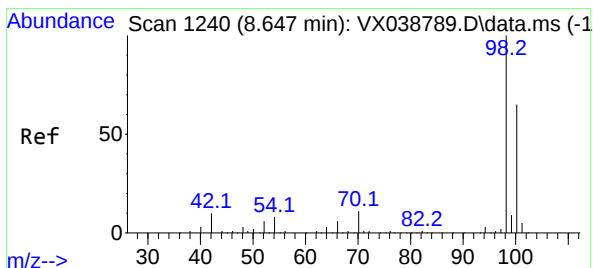
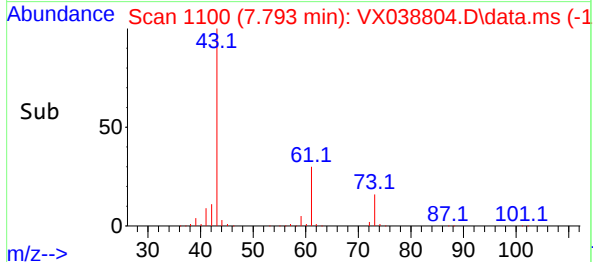
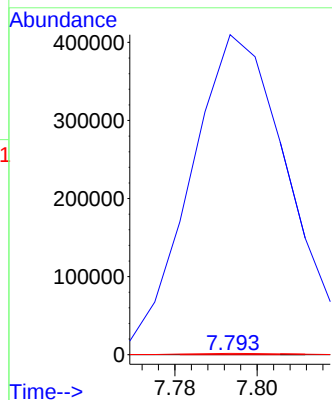


#49
1,4-Dioxane
Concen: 0.617 ug/l
RT: 7.793 min Scan# 1100
Delta R.T. 0.134 min
Lab File: VX038804.D
Acq: 14 Nov 2023 14:26

Instrument :
MSVOA_X
ClientSampleId :

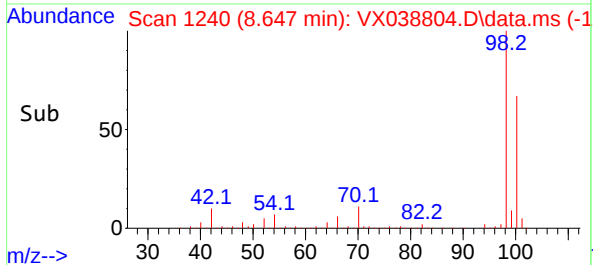
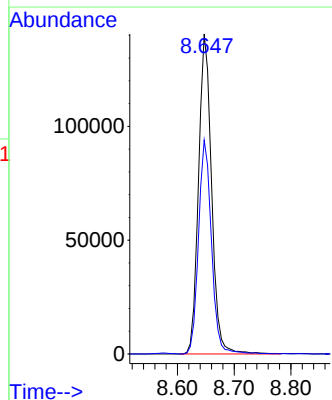
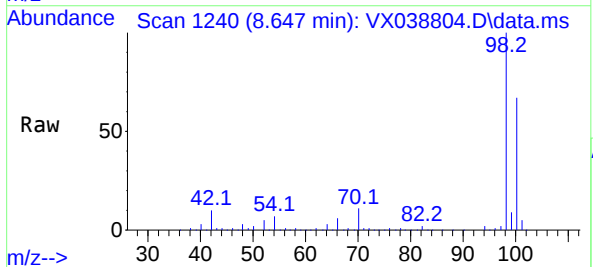


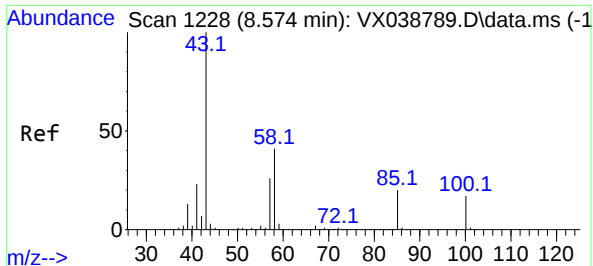
Tgt Ion: 88 Resp: 19
Ion Ratio Lower Upper
88 100
43 3710778.9 0.0 0.0#
58 14610.5 60.1 90.1#



#50
Toluene-d8
Concen: 47.584 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX038804.D
Acq: 14 Nov 2023 14:26

Tgt Ion: 98 Resp: 224600
Ion Ratio Lower Upper
98 100
100 66.5 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 28.256 ug/l

RT: 8.543 min Scan# 11

Delta R.T. -0.030 min

Lab File: VX038804.D

Acq: 14 Nov 2023 14:26

Instrument :

MSVOA_X

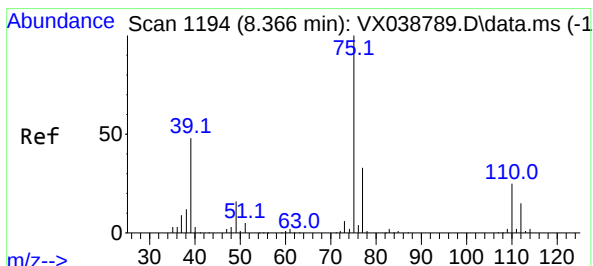
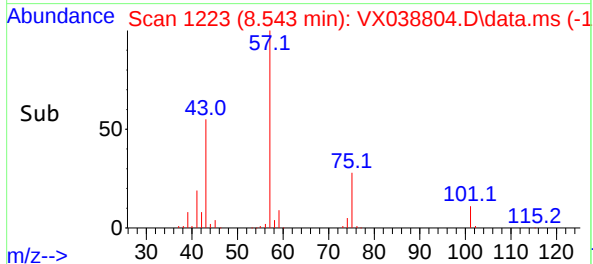
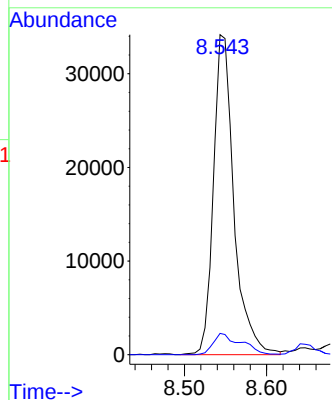
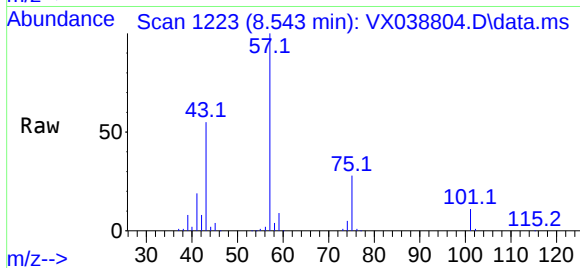
ClientSampleId :

Tgt Ion: 43 Resp: 59087

Ion Ratio Lower Upper

43 100

58 9.1 30.4 45.6#



#54

cis-1,3-Dichloropropene

Concen: 14.632 ug/l

RT: 8.549 min Scan# 1224

Delta R.T. 0.183 min

Lab File: VX038804.D

Acq: 14 Nov 2023 14:26

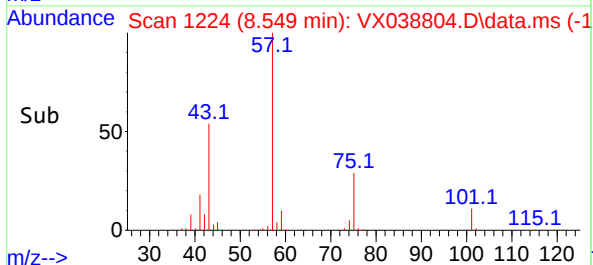
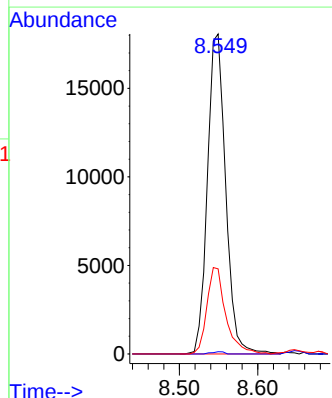
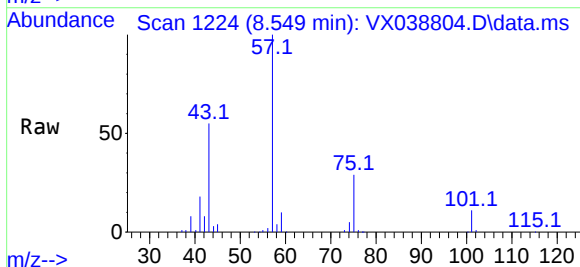
Tgt Ion: 75 Resp: 29149

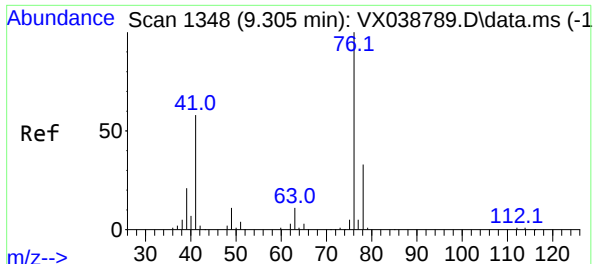
Ion Ratio Lower Upper

75 100

77 0.7 25.3 37.9#

39 26.6 46.7 70.1#

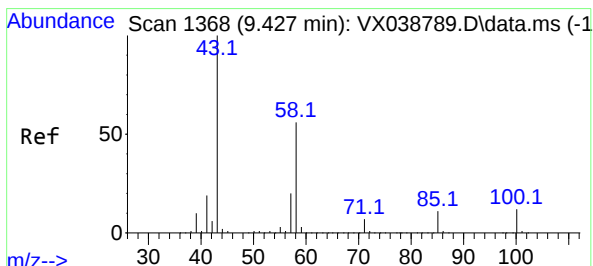
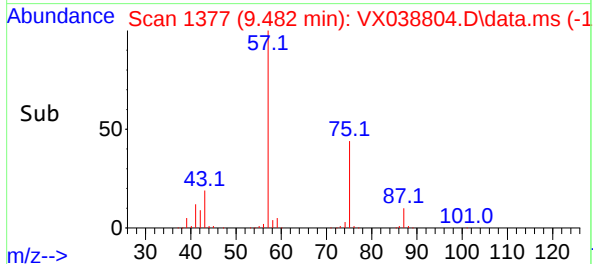
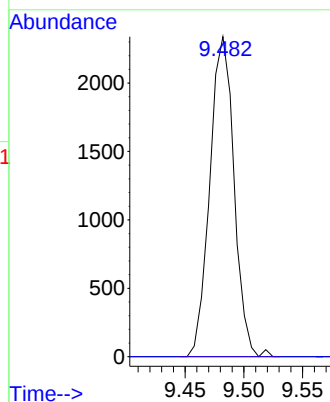
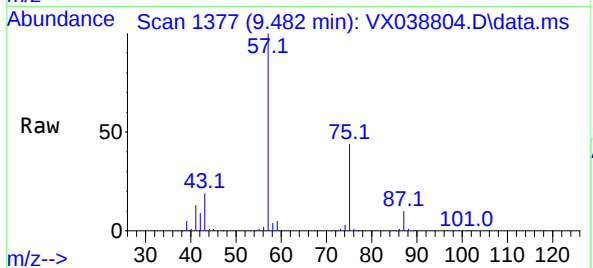




#57
1,3-Dichloropropane
Concen: 1.529 ug/l
RT: 9.482 min Scan# 1377
Delta R.T. 0.177 min
Lab File: VX038804.D
Acq: 14 Nov 2023 14:26

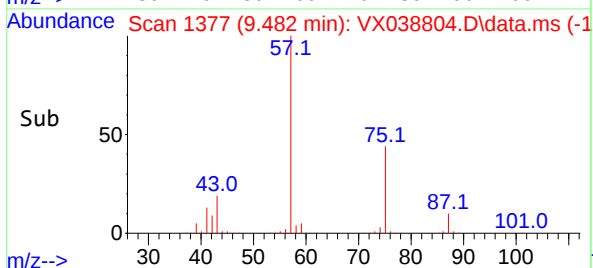
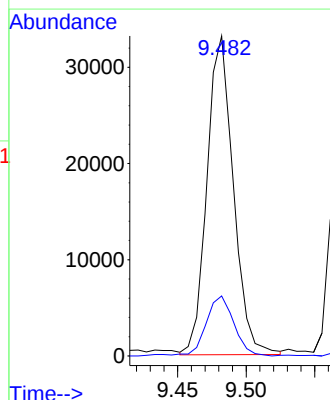
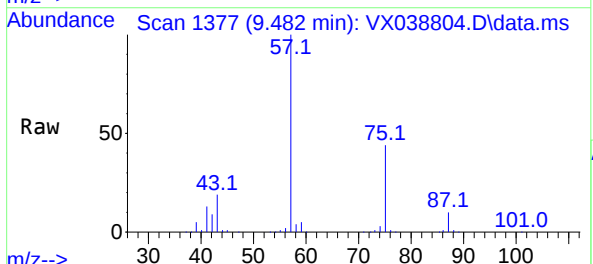
Instrument :
MSVOA_X
ClientSampleId :

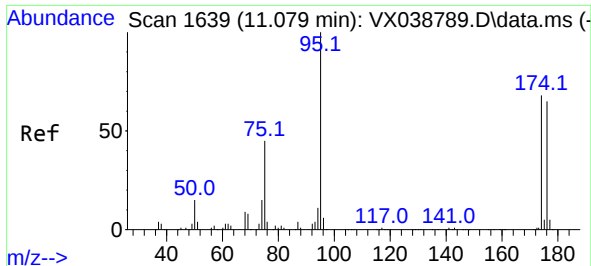
Tgt Ion: 76 Resp: 3355
Ion Ratio Lower Upper
76 100
78 0.0 26.1 39.1#



#59
2-Hexanone
Concen: 26.320 ug/l
RT: 9.482 min Scan# 1377
Delta R.T. 0.055 min
Lab File: VX038804.D
Acq: 14 Nov 2023 14:26

Tgt Ion: 43 Resp: 44352
Ion Ratio Lower Upper
43 100
58 20.1 26.2 78.5#

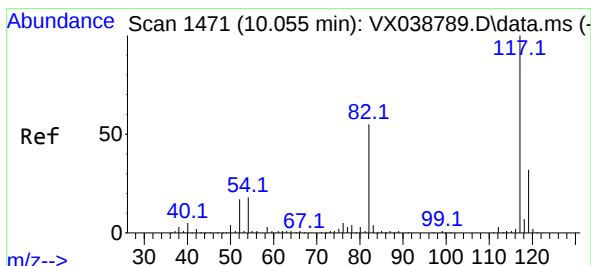
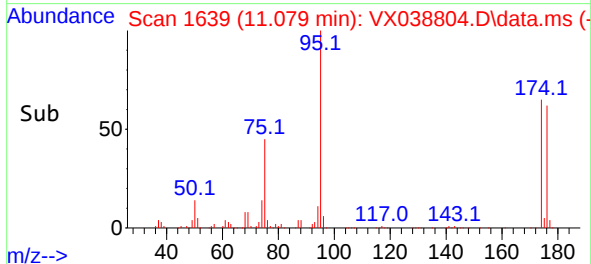
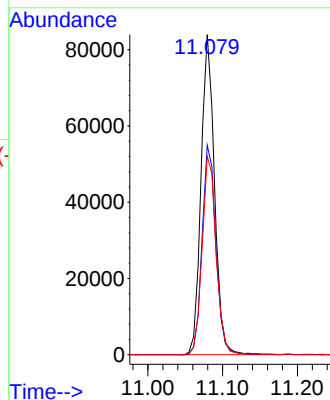
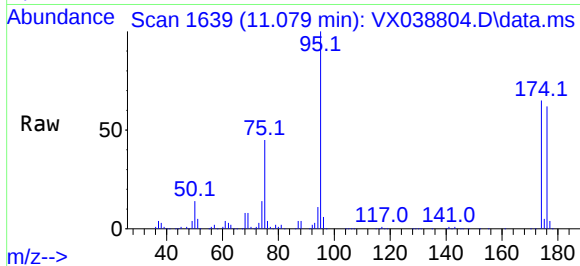




#62
4-Bromofluorobenzene
Concen: 53.241 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038804.D
Acq: 14 Nov 2023 14:26

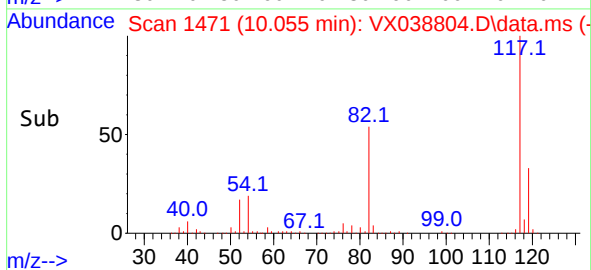
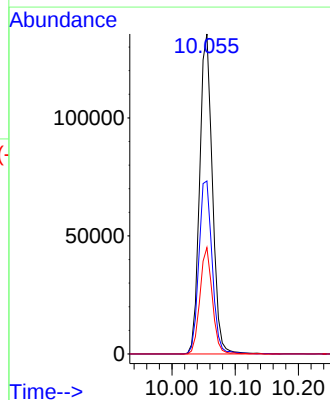
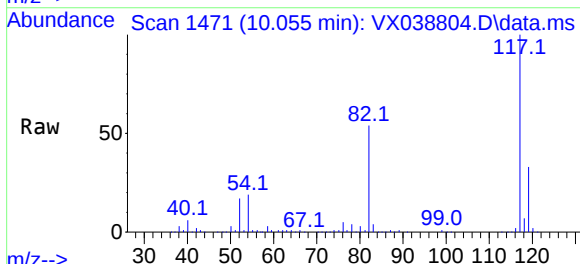
Instrument :
MSVOA_X
ClientSampleId :

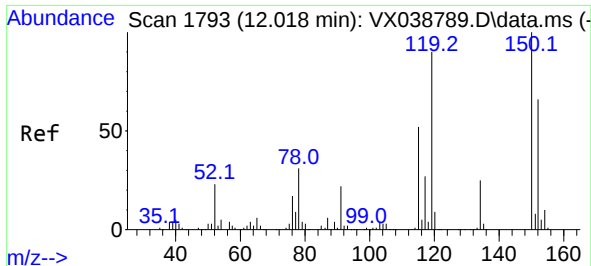
Tgt Ion: 95 Resp: 105071
Ion Ratio Lower Upper
95 100
174 67.2 0.0 135.6
176 64.3 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038804.D
Acq: 14 Nov 2023 14:26

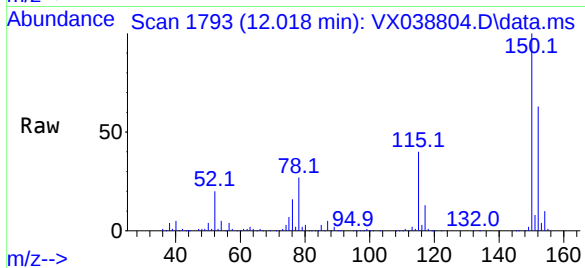
Tgt Ion: 117 Resp: 190614
Ion Ratio Lower Upper
117 100
82 54.1 46.2 69.4
119 33.2 25.5 38.3



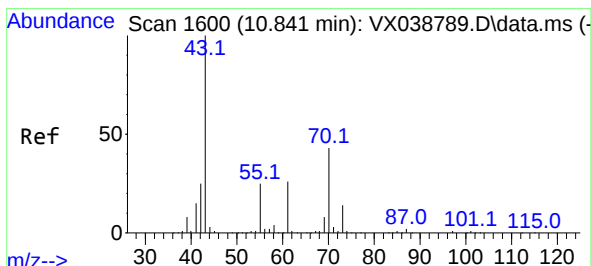
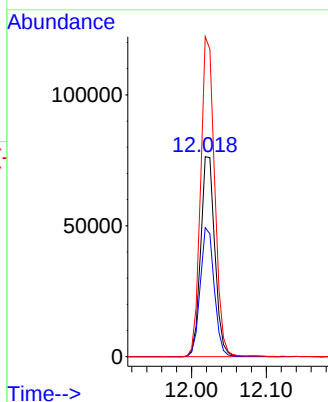
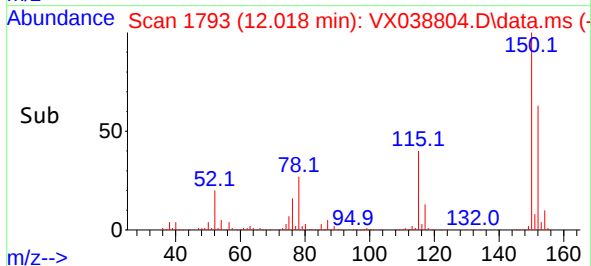


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038804.D
Acq: 14 Nov 2023 14:26

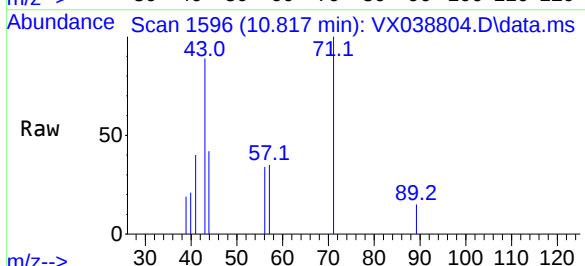
Instrument :
MSVOA_X
ClientSampleId :



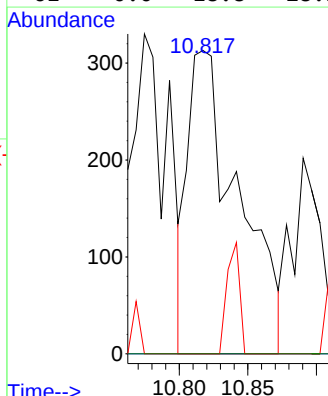
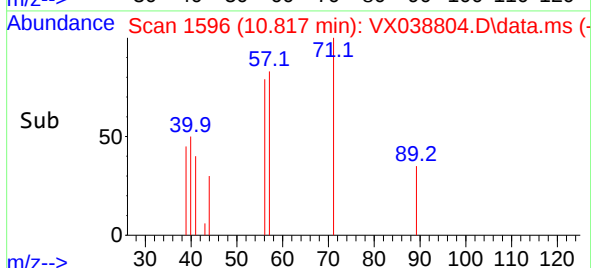
Tgt Ion:152 Resp: 101143
Ion Ratio Lower Upper
152 100
115 63.7 43.3 129.9
150 158.0 0.0 345.0

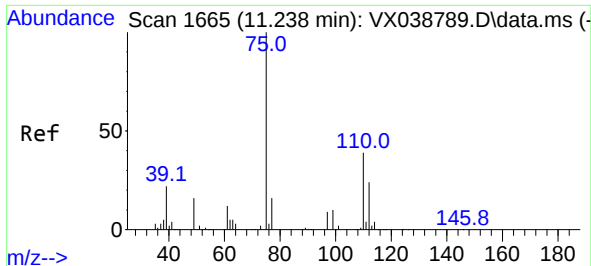


#74
N-ethyl acetate
Concen: 0.275 ug/l
RT: 10.817 min Scan# 1596
Delta R.T. -0.024 min
Lab File: VX038804.D
Acq: 14 Nov 2023 14:26



Tgt Ion: 43 Resp: 804
Ion Ratio Lower Upper
43 100
70 0.0 32.9 49.3#
55 0.0 19.3 28.9#
61 0.0 18.8 28.2#

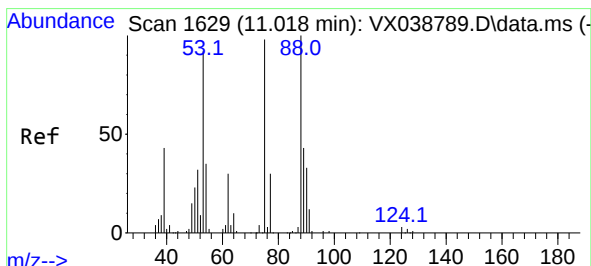
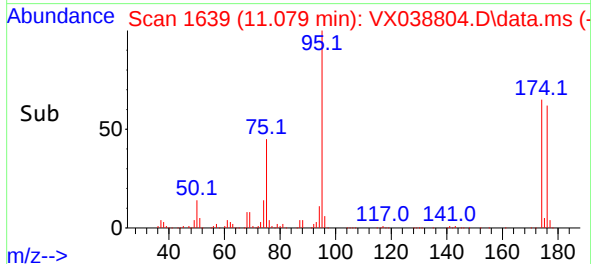
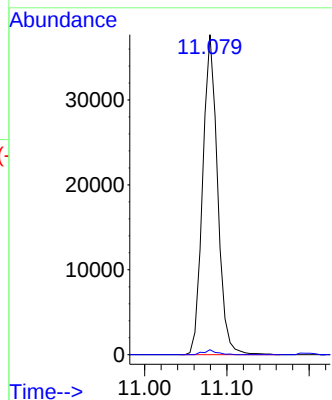
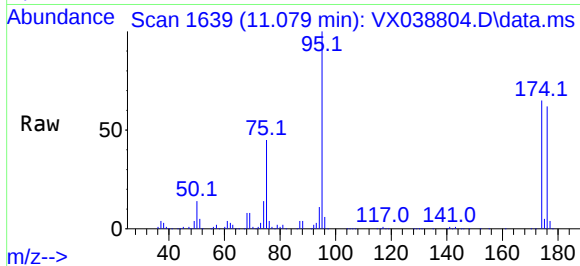




#76
1,2,3-Trichloropropane
Concen: 21.908 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX038804.D
Acq: 14 Nov 2023 14:26

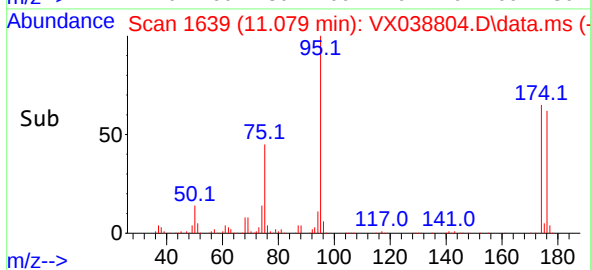
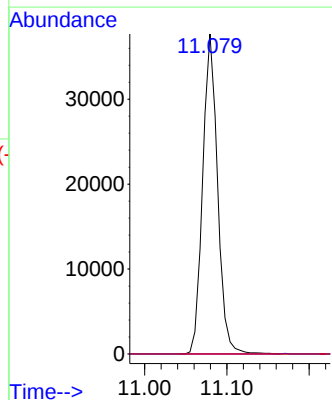
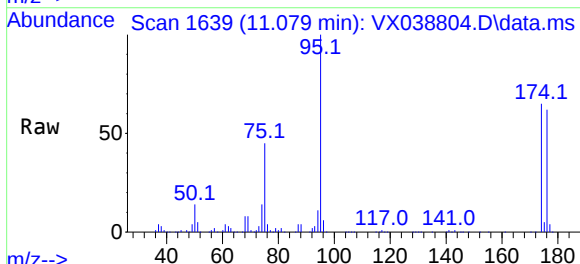
Instrument :
MSVOA_X
ClientSampleId :

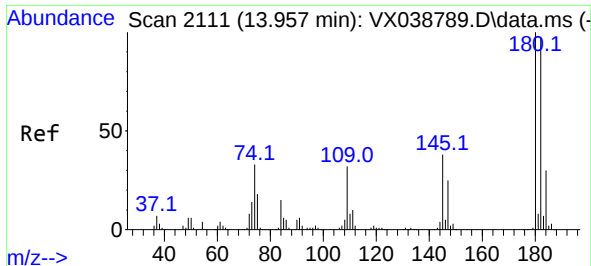
Tgt Ion: 75 Resp: 47313
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 62.952 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX038804.D
Acq: 14 Nov 2023 14:26

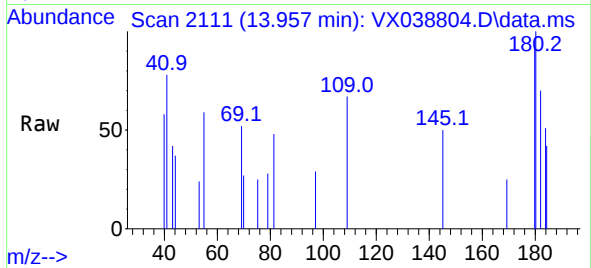
Tgt Ion: 75 Resp: 47313
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.201 ug/l
 RT: 13.957 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VX038804.D
 Acq: 14 Nov 2023 14:26

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion:	180	Resp:	405
Ion	Ratio	Lower	Upper
180	100		
182	71.6	46.9	140.6
145	30.9	17.8	53.5

