

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090723\
 Data File : VX037588.D
 Acq On : 07 Sep 2023 19:07
 Operator : JC/MD
 Sample : PB155358TB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

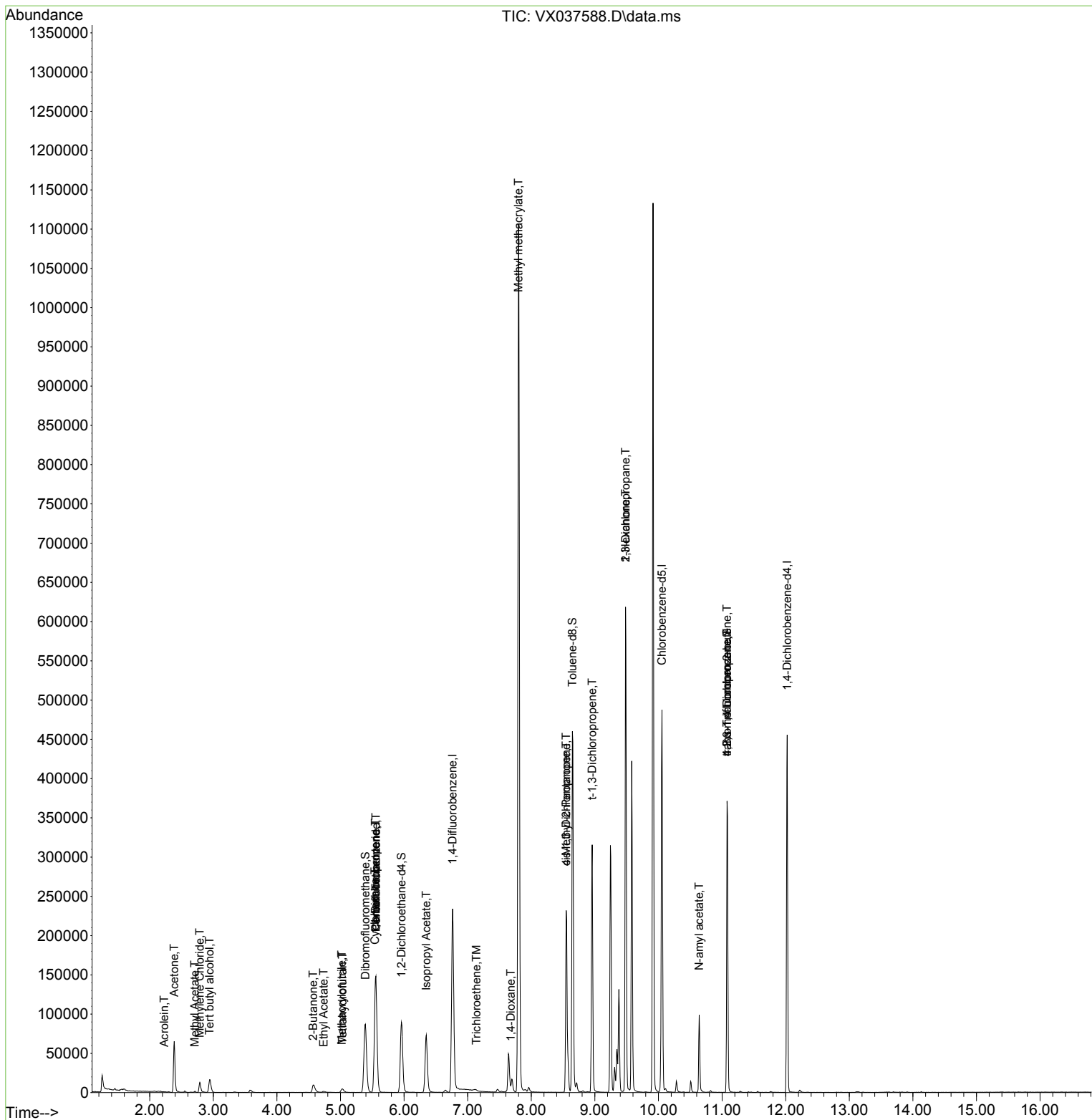
Quant Time: Sep 08 00:49:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 09:30:38 2023
 Response via : Initial Calibration

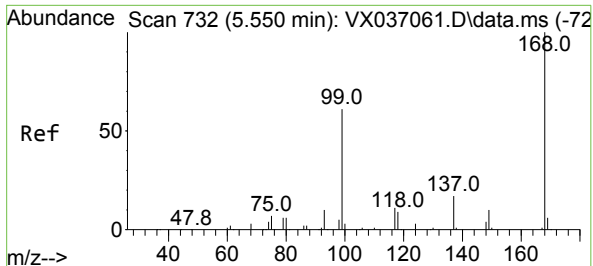
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.556	168	142862	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	246076	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	228397	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	99214	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	87639	42.551	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	85.100%		
35) Dibromofluoromethane	5.391	113	79414	48.729	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.460%		
50) Toluene-d8	8.647	98	287695	48.667	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.340%		
62) 4-Bromofluorobenzene	11.079	95	108632	46.761	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	93.520%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.940	59	10933	22.629	ug/l #	83
13) Acrolein	2.227	56	90	0.245	ug/l #	1
16) Acetone	2.386	43	67606	83.905	ug/l #	83
18) Methyl Acetate	2.709	43	1396	0.460	ug/l #	88
20) Methylene Chloride	2.788	84	7439	4.128	ug/l #	81
25) 2-Butanone	4.568	43	16543	13.636	ug/l	95
29) Tetrahydrofuran	5.032	42	4272	5.522	ug/l #	82
31) Cyclohexane	5.544	56	2474	1.068	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	10360	4.474	ug/l #	51
37) Ethyl Acetate	4.733	43	2590	1.095	ug/l #	93
38) Carbon Tetrachloride	5.556	117	14623	5.814	ug/l #	15
41) Methacrylonitrile	5.019	41	2577	2.096	ug/l #	48
43) Isopropyl Acetate	6.348	43	94842	25.258	ug/l #	90
44) Trichloroethene	7.135	130	418	0.222	ug/l	61
48) Methyl methacrylate	7.799	41	85610	46.750	ug/l #	45
49) 1,4-Dioxane	7.677	88	221	4.481	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	86460	37.919	ug/l #	37
53) t-1,3-Dichloropropene	8.958	75	833	0.317	ug/l #	43
54) cis-1,3-Dichloropropene	8.549	75	43150	15.179	ug/l #	49
57) 1,3-Dichloropropane	9.482	76	6156	2.044	ug/l #	42
59) 2-Hexanone	9.482	43	64994	37.384	ug/l #	57
74) N-amyl acetate	10.640	43	21056	7.514	ug/l #	55
76) 1,2,3-Trichloropropane	11.079	75	50928	24.103	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	50928	67.321	ug/l #	5

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

Quant Time: Sep 08 00:49:18 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 18 09:30:38 2023
Response via : Initial Calibration

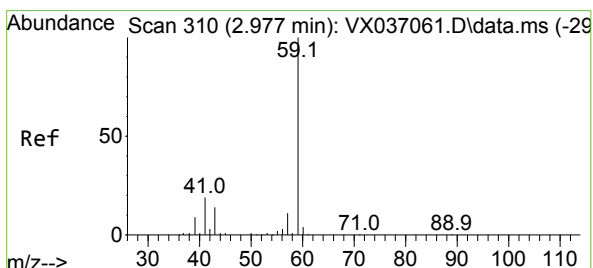
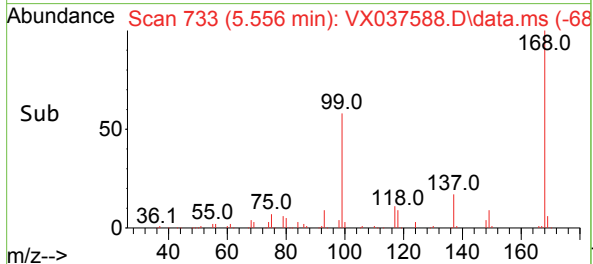
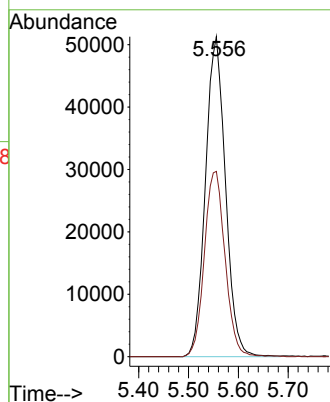
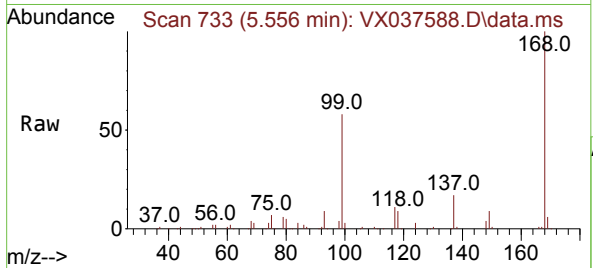




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX037588.D
Acq: 07 Sep 2023 19:07

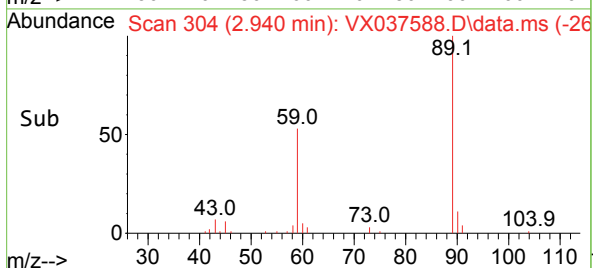
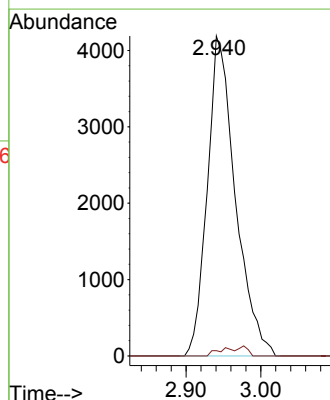
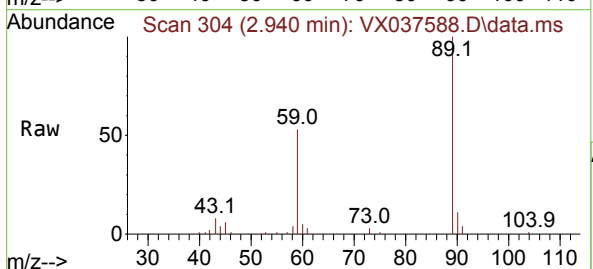
Instrument :
MSVOA_X
ClientSampleId :

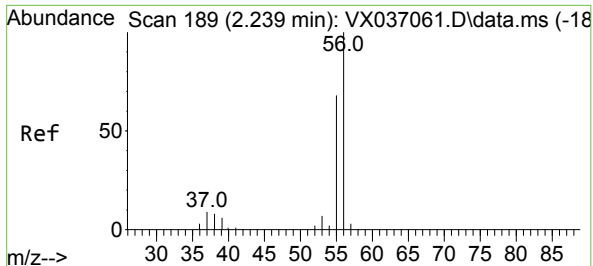
Tgt Ion:168 Resp: 142862
Ion Ratio Lower Upper
168 100
99 57.9 56.6 85.0



#11
Tert butyl alcohol
Concen: 22.629 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.037 min
Lab File: VX037588.D
Acq: 07 Sep 2023 19:07

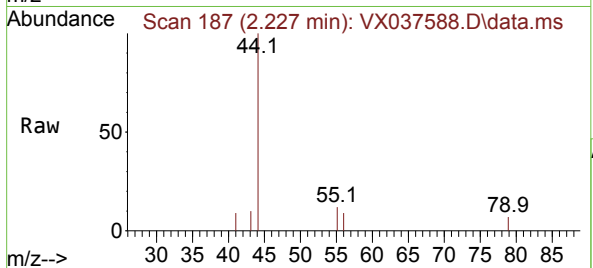
Tgt Ion: 59 Resp: 10933
Ion Ratio Lower Upper
59 100
57 1.5 6.0 9.0#



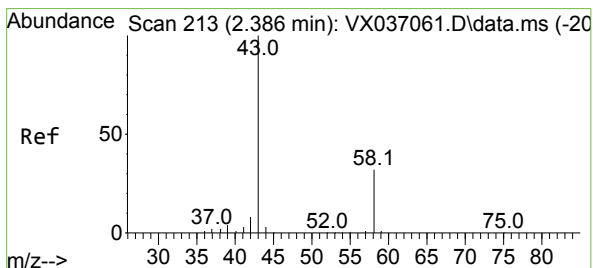
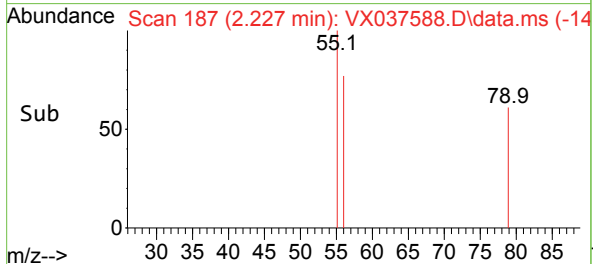
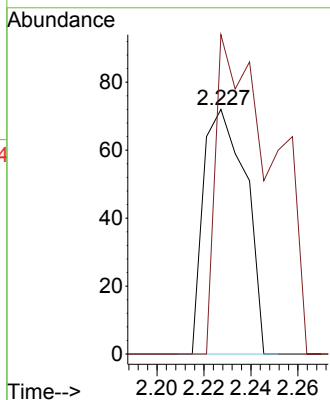


#13
Acrolein
Concen: 0.245 ug/l
RT: 2.227 min Scan# 187
Delta R.T. -0.012 min
Lab File: VX037588.D
Acq: 07 Sep 2023 19:07

Instrument :
MSVOA_X
ClientSampleId :

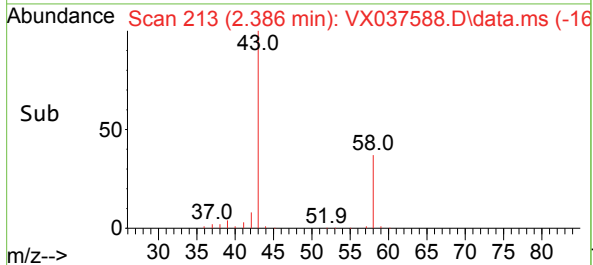
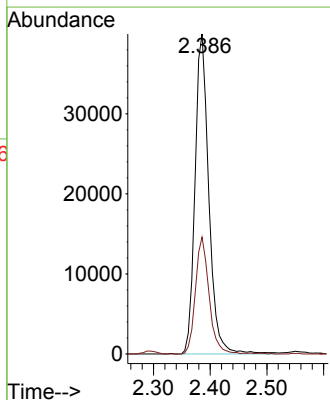
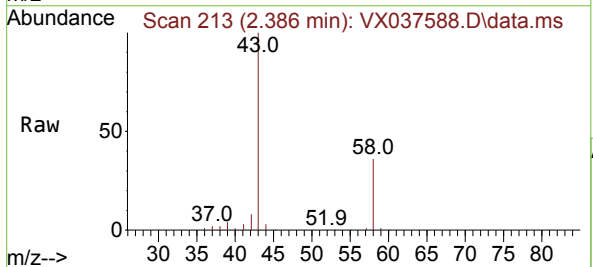


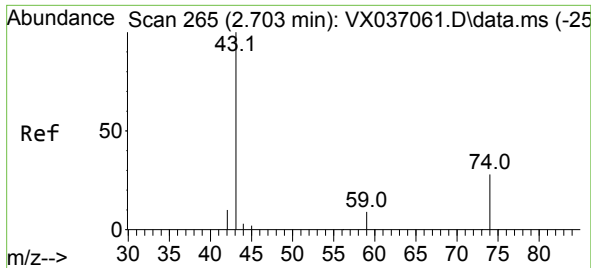
Tgt Ion: 56 Resp: 90
Ion Ratio Lower Upper
56 100
55 175.6 57.1 85.7#



#16
Acetone
Concen: 83.905 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX037588.D
Acq: 07 Sep 2023 19:07

Tgt Ion: 43 Resp: 67606
Ion Ratio Lower Upper
43 100
58 36.5 21.9 32.9#

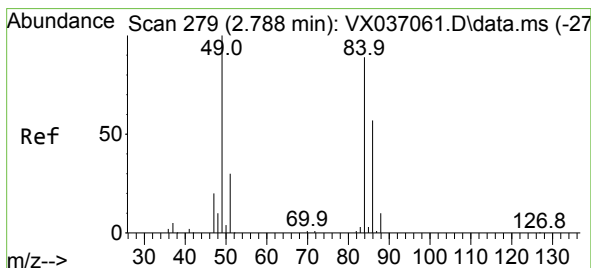
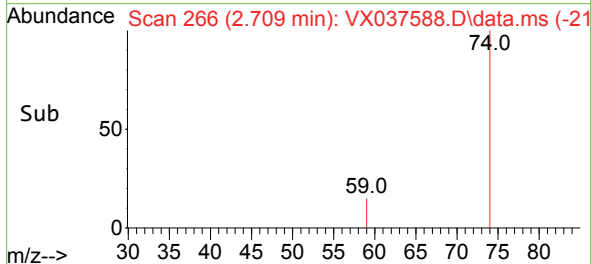
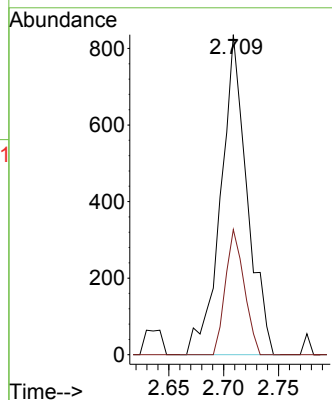
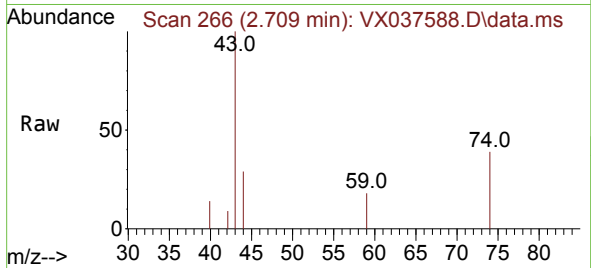




#18
Methyl Acetate
Concen: 0.460 ug/l
RT: 2.709 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX037588.D
Acq: 07 Sep 2023 19:07

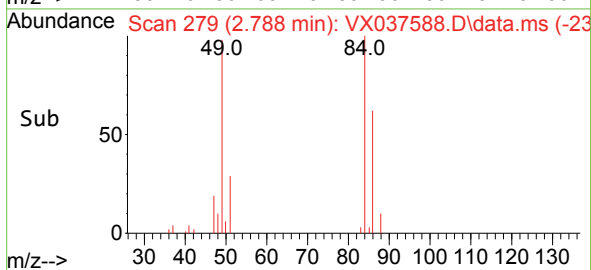
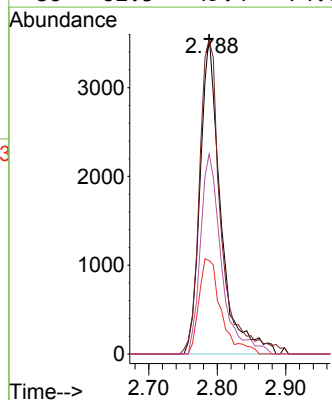
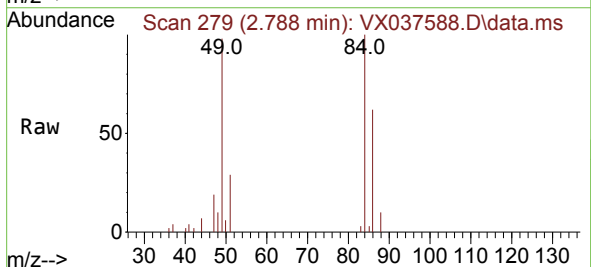
Instrument :
MSVOA_X
ClientSampleId :

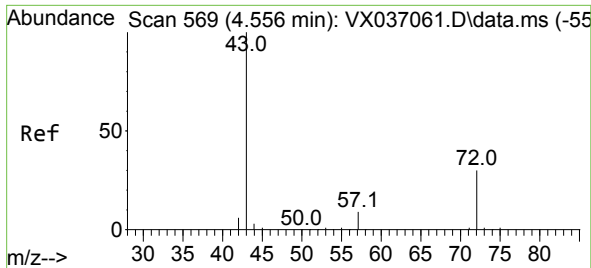
Tgt Ion: 43 Resp: 1396
Ion Ratio Lower Upper
43 100
74 27.9 17.8 26.8#



#20
Methylene Chloride
Concen: 4.128 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX037588.D
Acq: 07 Sep 2023 19:07

Tgt Ion: 84 Resp: 7439
Ion Ratio Lower Upper
84 100
49 98.1 103.6 155.4#
51 29.2 33.8 50.6#
86 62.5 49.4 74.0

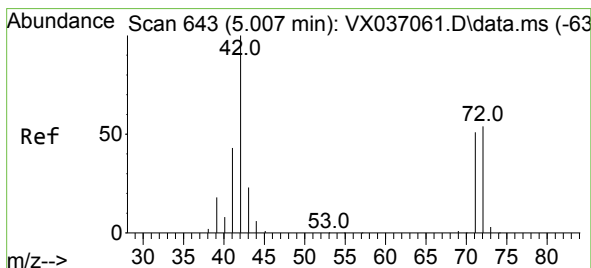
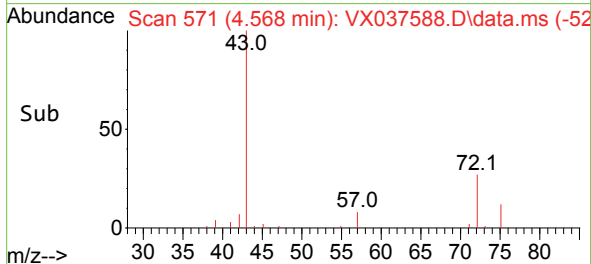
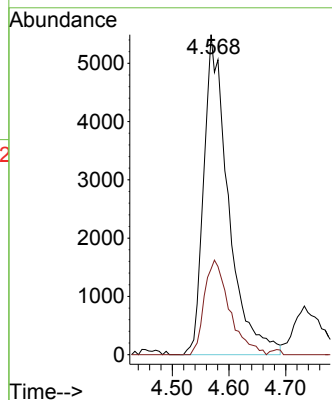
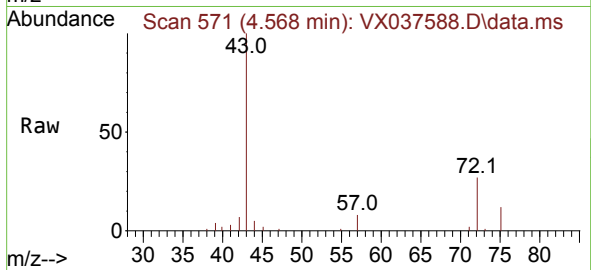




#25
2-Butanone
Concen: 13.636 ug/l
RT: 4.568 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX037588.D
Acq: 07 Sep 2023 19:07

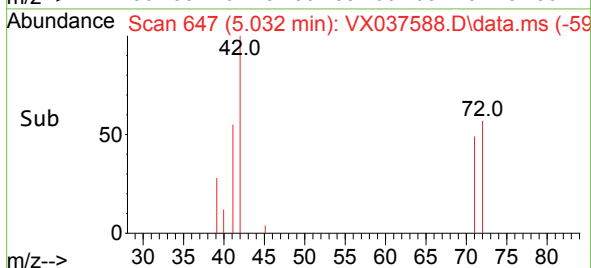
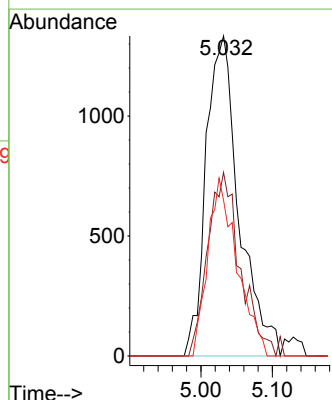
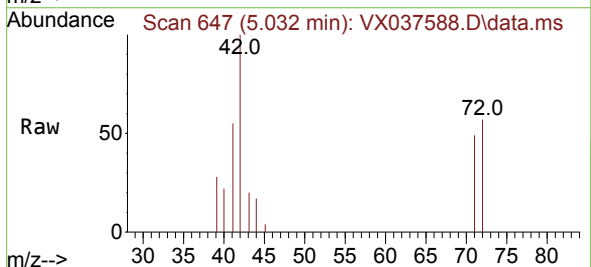
Instrument :
MSVOA_X
ClientSampleId :

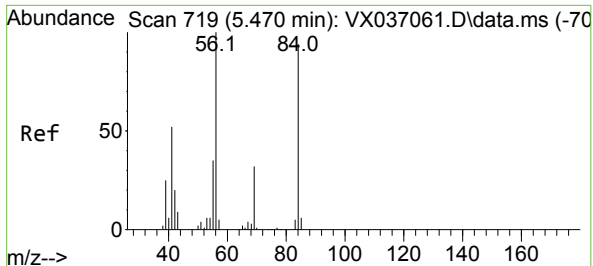
Tgt Ion: 43 Resp: 16543
Ion Ratio Lower Upper
43 100
72 26.8 19.4 29.2



#29
Tetrahydrofuran
Concen: 5.522 ug/l
RT: 5.032 min Scan# 647
Delta R.T. 0.024 min
Lab File: VX037588.D
Acq: 07 Sep 2023 19:07

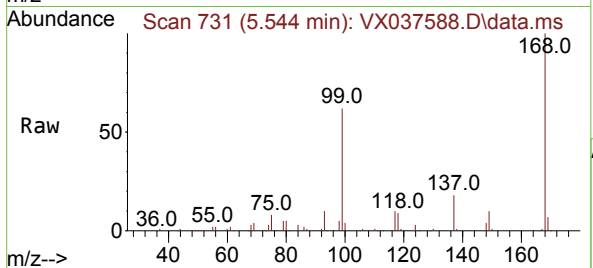
Tgt Ion: 42 Resp: 4272
Ion Ratio Lower Upper
42 100
72 56.4 34.2 51.4#
71 49.5 32.2 48.2#



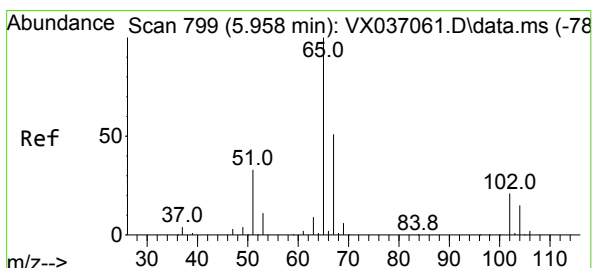
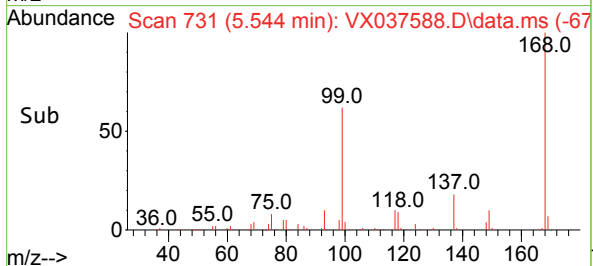
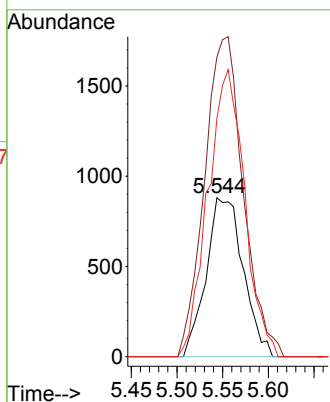


#31
Cyclohexane
Concen: 1.068 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX037588.D
Acq: 07 Sep 2023 19:07

Instrument :
MSVOA_X
ClientSampleId :

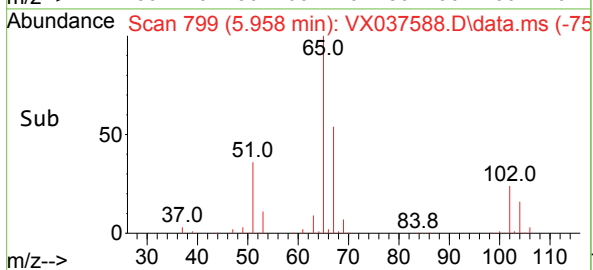
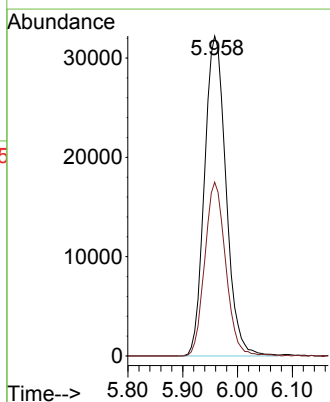
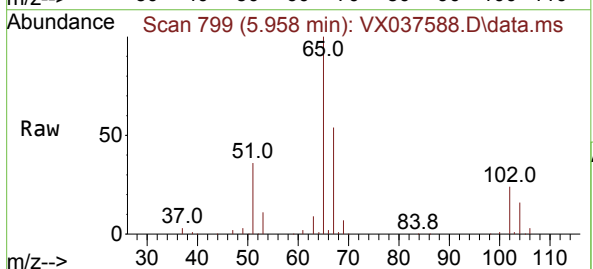


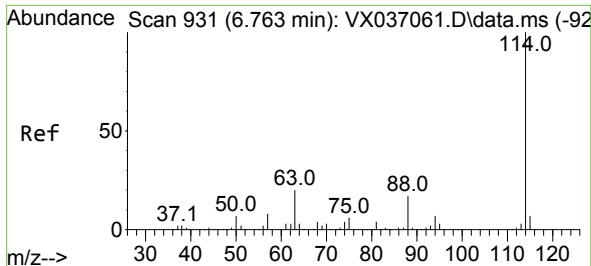
Tgt Ion: 56 Resp: 2474
Ion Ratio Lower Upper
56 100
69 188.8 23.4 35.2#
84 150.2 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 42.551 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX037588.D
Acq: 07 Sep 2023 19:07

Tgt Ion: 65 Resp: 87639
Ion Ratio Lower Upper
65 100
67 52.9 0.0 100.2

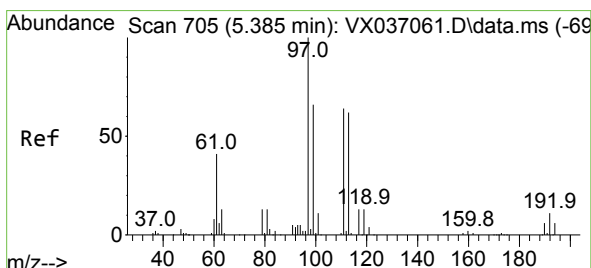
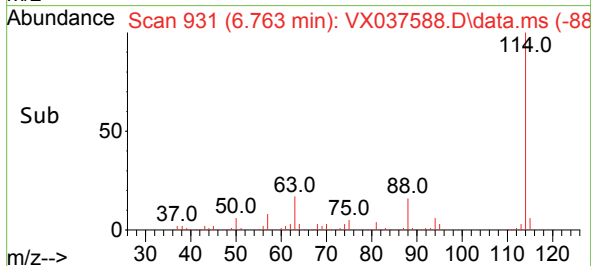
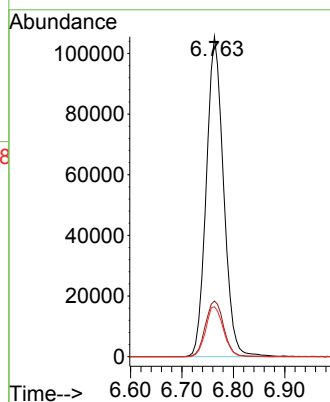
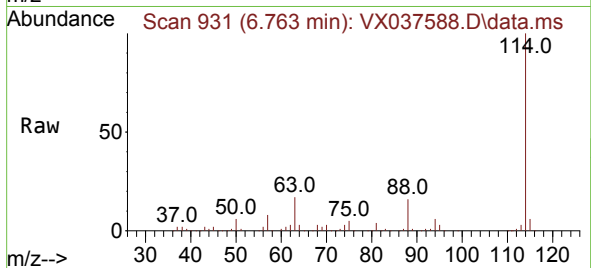




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX037588.D
Acq: 07 Sep 2023 19:07

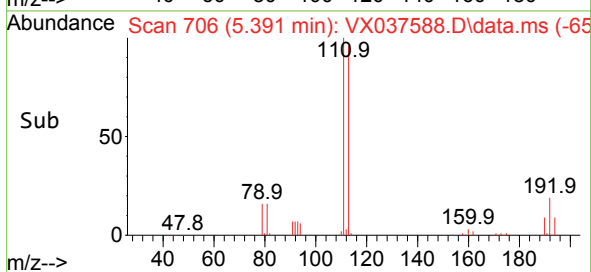
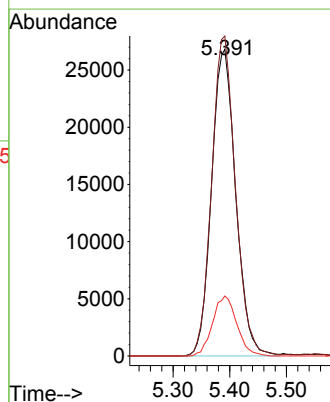
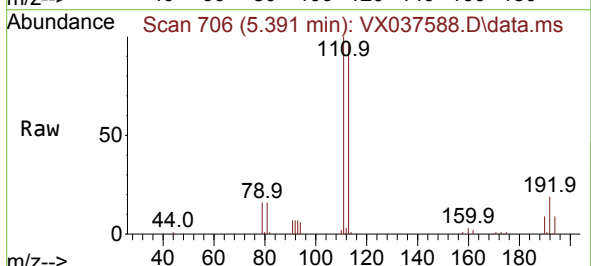
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MSVOA_X
ClientSampleId :

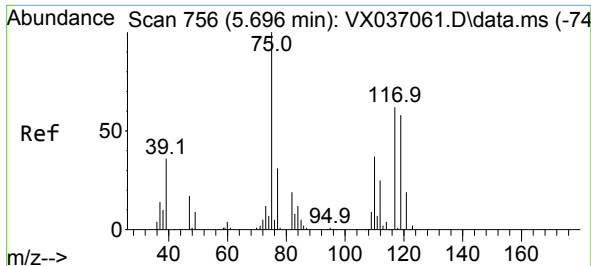
Tgt Ion:114 Resp: 246076
Ion Ratio Lower Upper
114 100
63 17.4 0.0 45.0
88 15.6 0.0 36.6



#35
Dibromofluoromethane
Concen: 48.729 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX037588.D
Acq: 07 Sep 2023 19:07

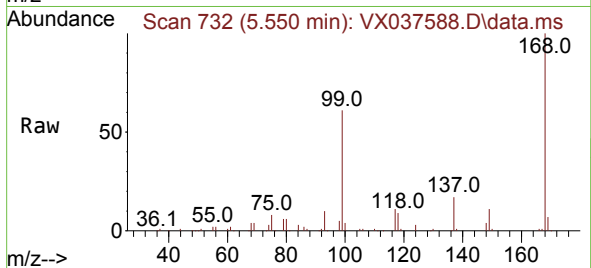
Tgt Ion:113 Resp: 79414
Ion Ratio Lower Upper
113 100
111 102.7 82.9 124.3
192 19.5 13.3 19.9



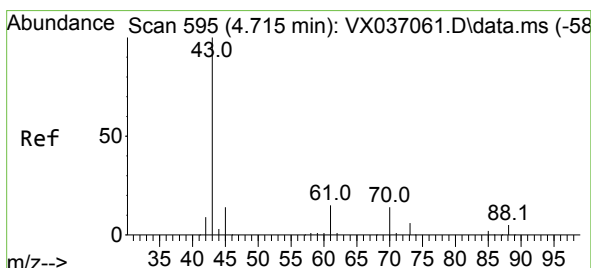
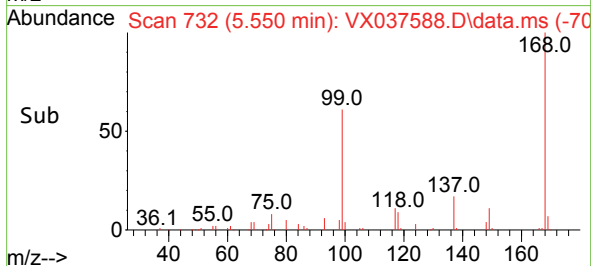
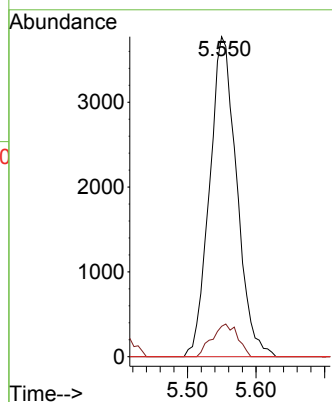


#36
1,1-Dichloropropene
Concen: 4.474 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX037588.D
Acq: 07 Sep 2023 19:07

Instrument :
MSVOA_X
ClientSampleId :

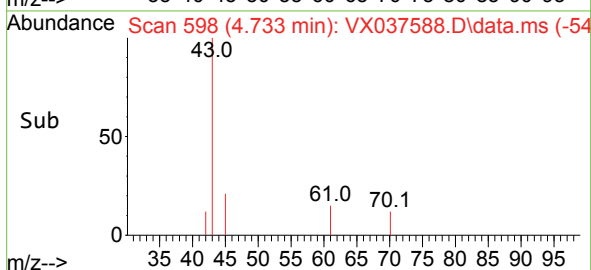
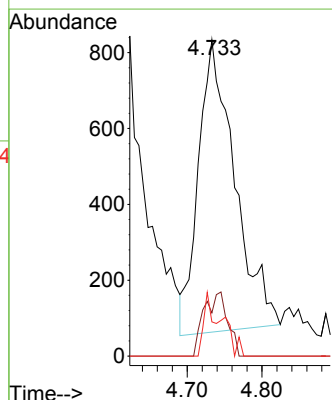
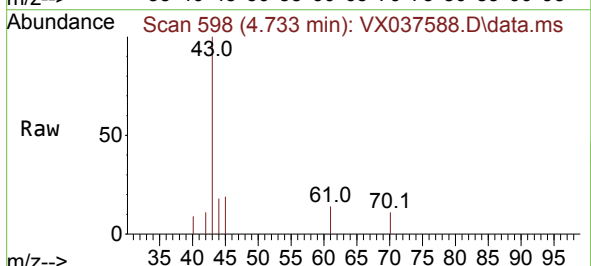


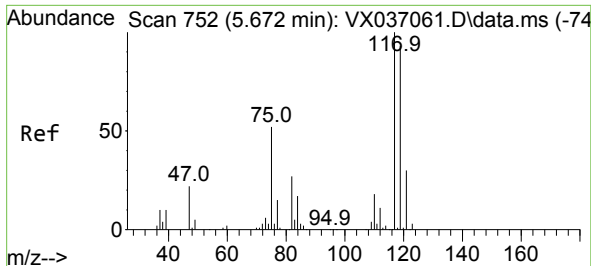
Tgt Ion: 75 Resp: 10360
Ion Ratio Lower Upper
75 100
110 9.6 17.0 50.9#
77 0.0 24.7 37.1#



#37
Ethyl Acetate
Concen: 1.095 ug/l
RT: 4.733 min Scan# 598
Delta R.T. 0.018 min
Lab File: VX037588.D
Acq: 07 Sep 2023 19:07

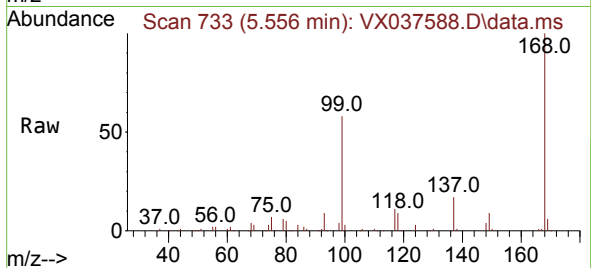
Tgt Ion: 43 Resp: 2590
Ion Ratio Lower Upper
43 100
61 14.3 10.6 16.0
70 5.9 8.3 12.5#



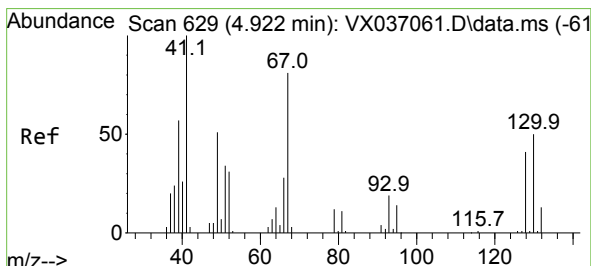
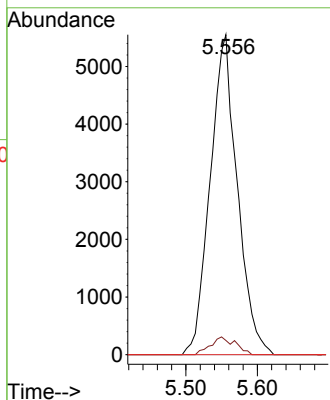
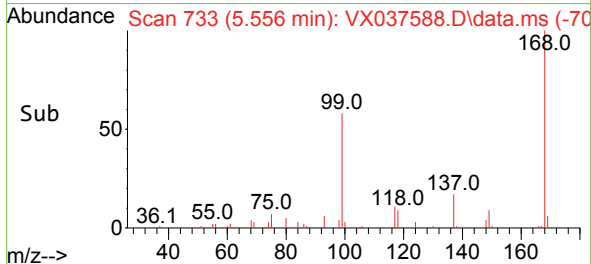


#38
Carbon Tetrachloride
Concen: 5.814 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.116 min
Lab File: VX037588.D
Acq: 07 Sep 2023 19:07

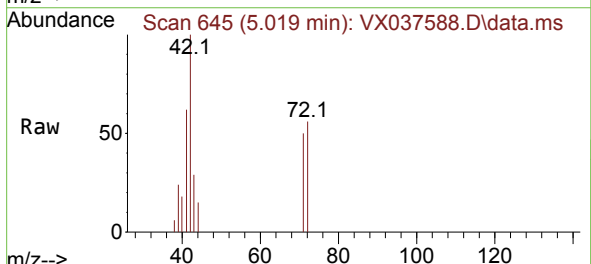
Instrument :
MSVOA_X
ClientSampleId :



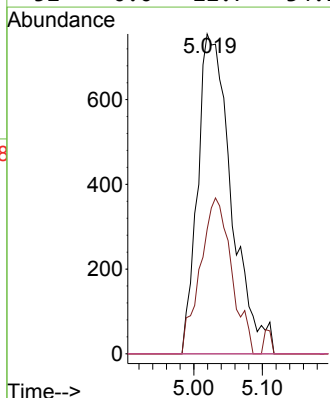
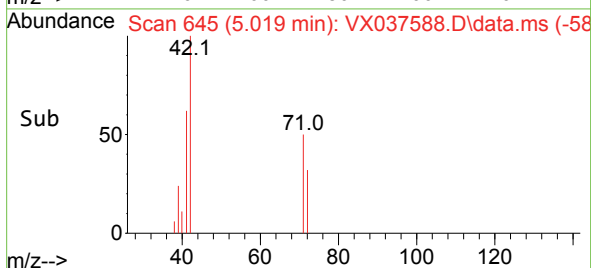
Tgt Ion:117 Resp: 14623
Ion Ratio Lower Upper
117 100
119 4.5 78.2 117.2#
121 0.0 24.4 36.6#

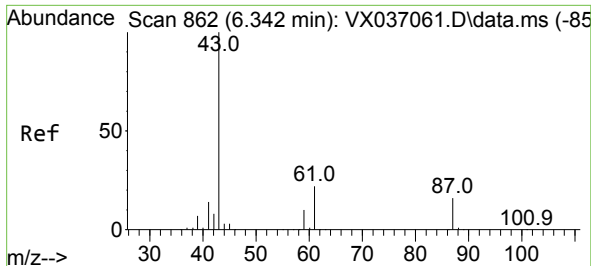


#41
Methacrylonitrile
Concen: 2.096 ug/l
RT: 5.019 min Scan# 645
Delta R.T. 0.098 min
Lab File: VX037588.D
Acq: 07 Sep 2023 19:07



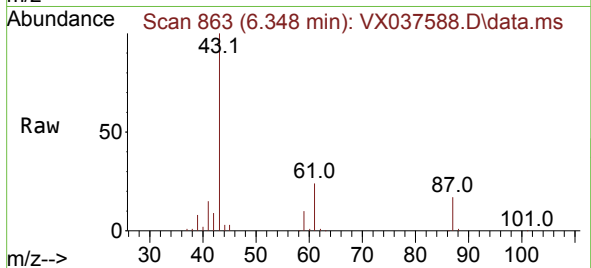
Tgt Ion: 41 Resp: 2577
Ion Ratio Lower Upper
41 100
39 45.1 45.2 67.8#
67 0.0 52.6 78.8#
52 0.0 22.7 34.1#



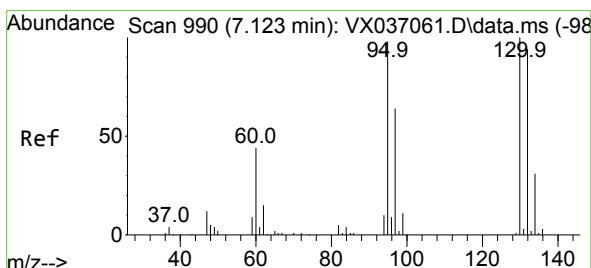
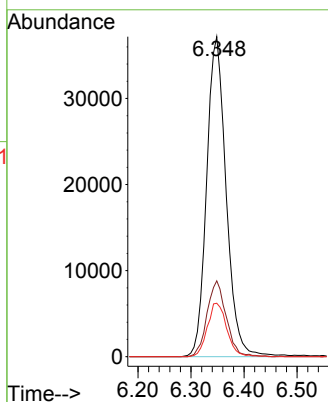
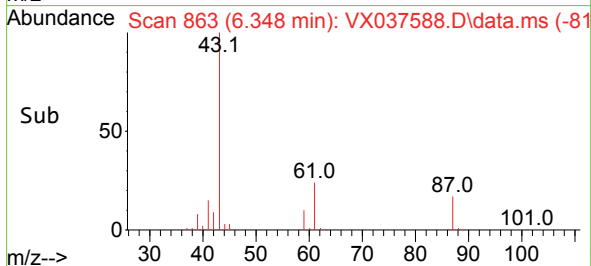


#43
Isopropyl Acetate
Concen: 25.258 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.006 min
Lab File: VX037588.D
Acq: 07 Sep 2023 19:07

Instrument :
MSVOA_X
ClientSampleId :

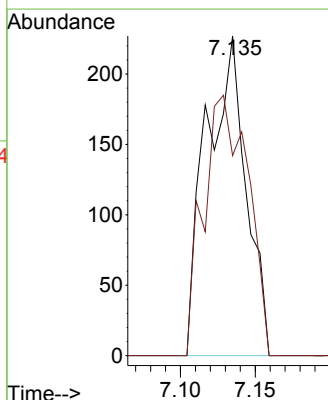
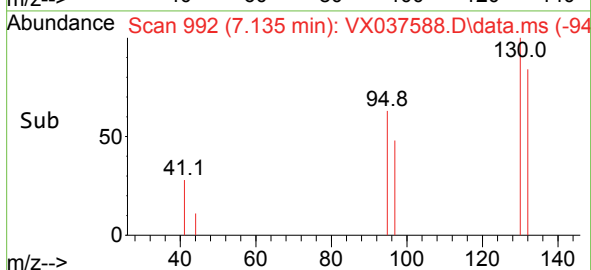
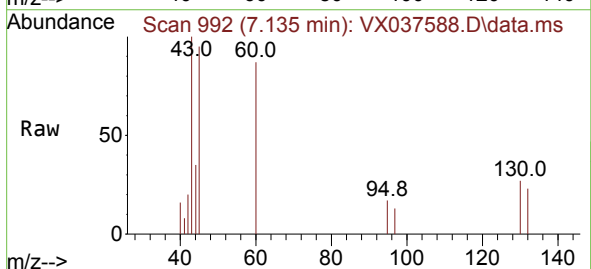


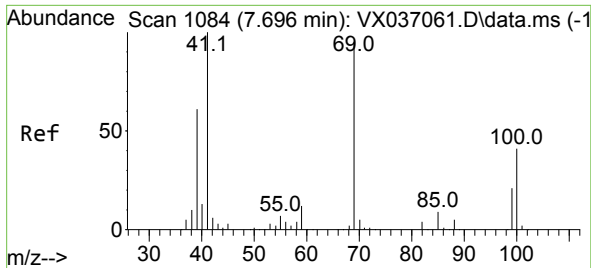
Tgt Ion: 43 Resp: 94842
Ion Ratio Lower Upper
43 100
61 23.4 15.2 22.8#
87 16.7 9.8 14.6#



#44
Trichloroethene
Concen: 0.222 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.012 min
Lab File: VX037588.D
Acq: 07 Sep 2023 19:07

Tgt Ion:130 Resp: 418
Ion Ratio Lower Upper
130 100
95 62.6 0.0 204.4

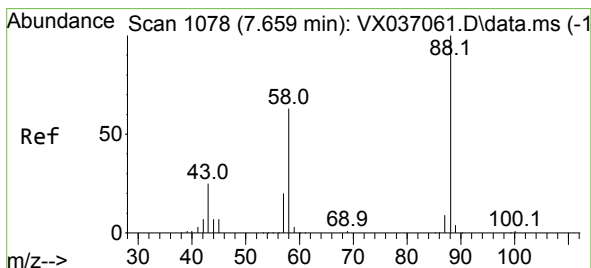
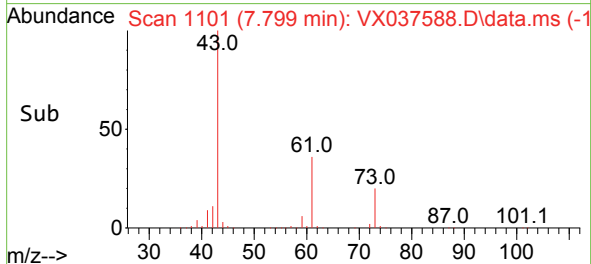
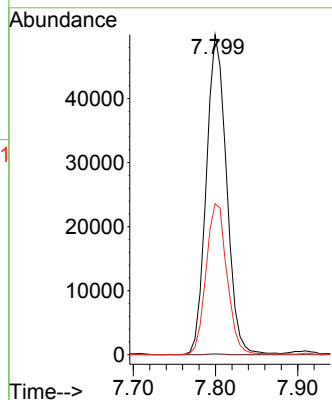
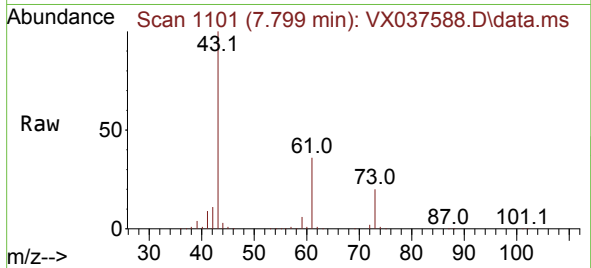




#48
Methyl methacrylate
Concen: 46.750 ug/l
RT: 7.799 min Scan# 1101
Delta R.T. 0.104 min
Lab File: VX037588.D
Acq: 07 Sep 2023 19:07

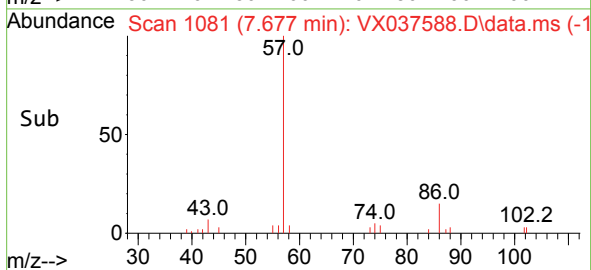
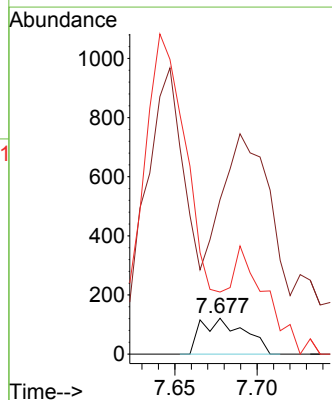
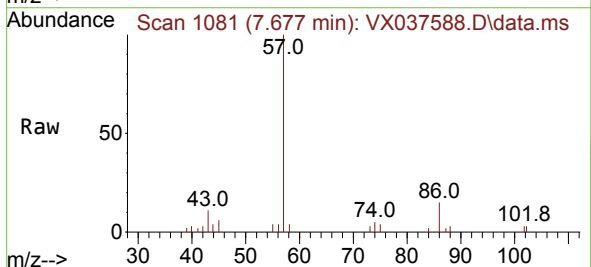
Instrument :
MSVOA_X
ClientSampleId :

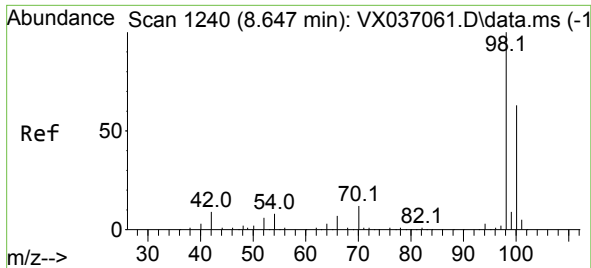
Tgt Ion: 41 Resp: 85610
Ion Ratio Lower Upper
41 100
69 0.2 59.2 88.8#
39 48.7 47.7 71.5



#49
1,4-Dioxane
Concen: 4.481 ug/l
RT: 7.677 min Scan# 1081
Delta R.T. 0.018 min
Lab File: VX037588.D
Acq: 07 Sep 2023 19:07

Tgt Ion: 88 Resp: 221
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 252.0 60.1 90.1#

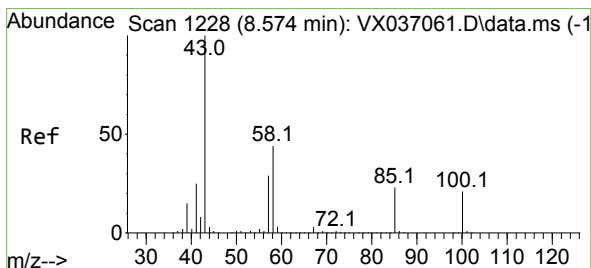
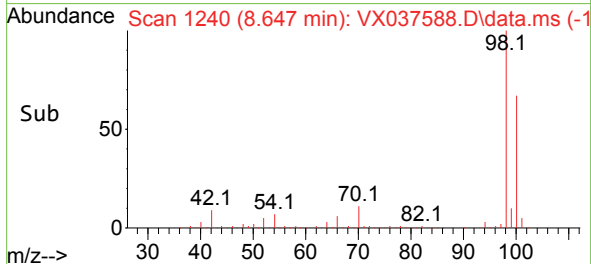
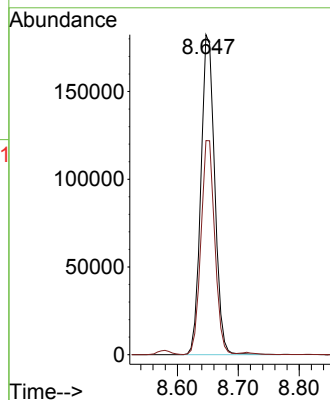
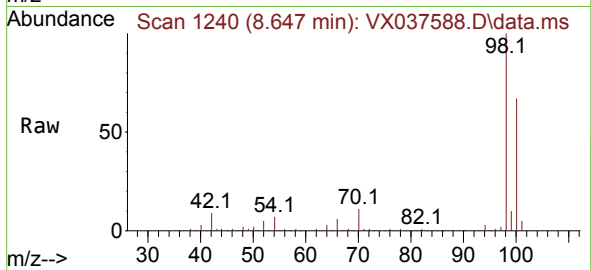




#50
Toluene-d8
Concen: 48.667 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX037588.D
Acq: 07 Sep 2023 19:07

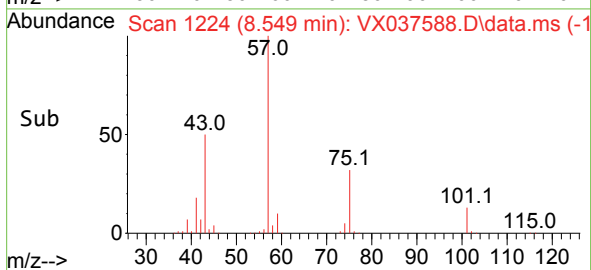
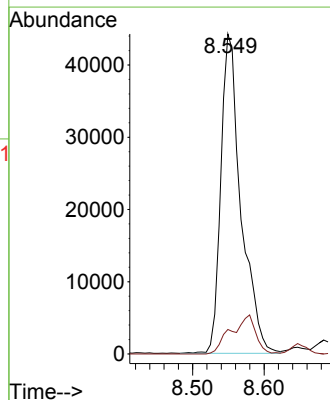
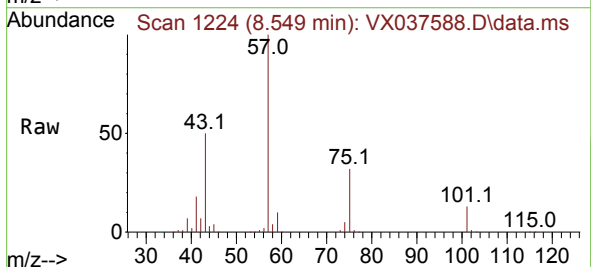
Instrument :
MSVOA_X
ClientSampleId :

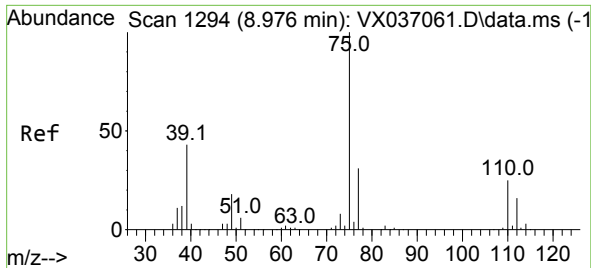
Tgt Ion: 98 Resp: 287695
Ion Ratio Lower Upper
98 100
100 66.7 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 37.919 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. -0.024 min
Lab File: VX037588.D
Acq: 07 Sep 2023 19:07

Tgt Ion: 43 Resp: 86460
Ion Ratio Lower Upper
43 100
58 0.0 30.4 45.6#

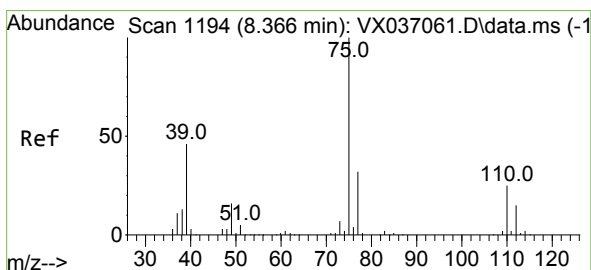
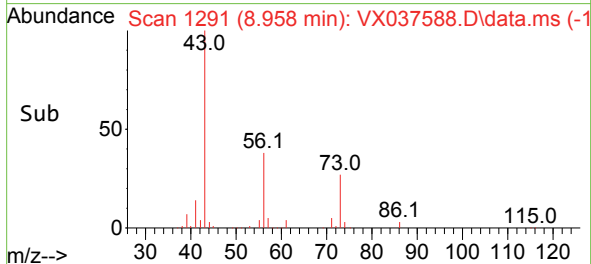
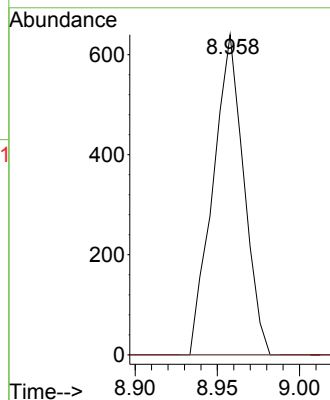
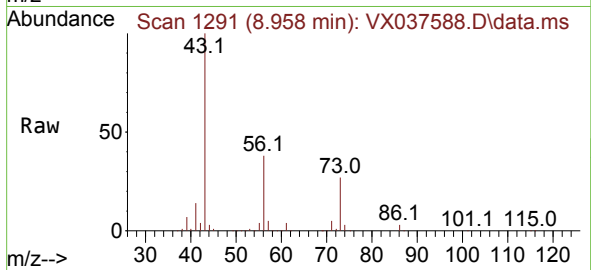




#53
 t-1,3-Dichloropropene
 Concen: 0.317 ug/l
 RT: 8.958 min Scan# 11
 Delta R.T. -0.018 min
 Lab File: VX037588.D
 Acq: 07 Sep 2023 19:07

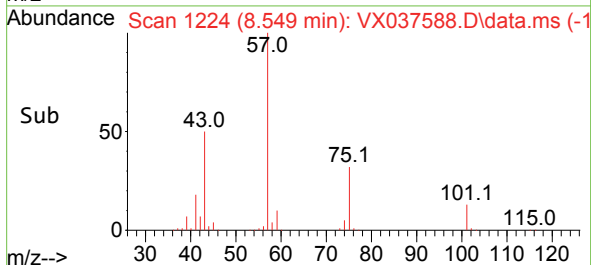
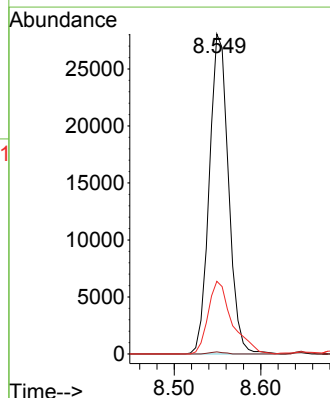
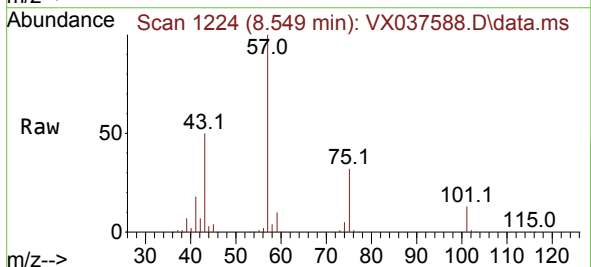
Instrument :
 MSVOA_X
 ClientSampleId :

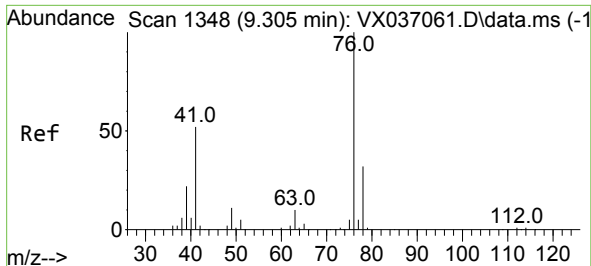
Tgt Ion: 75 Resp: 833
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.7 38.5#



#54
 cis-1,3-Dichloropropene
 Concen: 15.179 ug/l
 RT: 8.549 min Scan# 1224
 Delta R.T. 0.183 min
 Lab File: VX037588.D
 Acq: 07 Sep 2023 19:07

Tgt Ion: 75 Resp: 43150
 Ion Ratio Lower Upper
 75 100
 77 0.7 25.3 37.9#
 39 22.7 46.7 70.1#





#57

1,3-Dichloropropane

Concen: 2.044 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.177 min

Lab File: VX037588.D

Acq: 07 Sep 2023 19:07

Instrument :

MSVOA_X

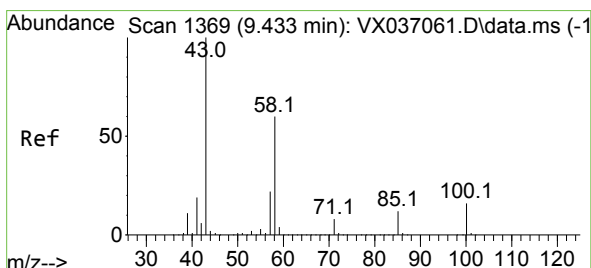
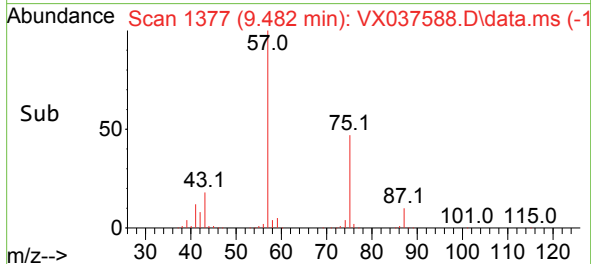
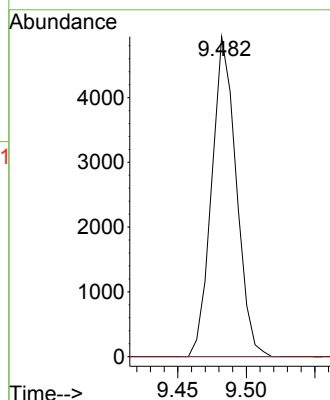
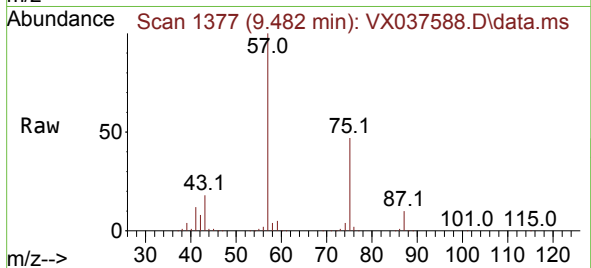
ClientSampleId :

Tgt Ion: 76 Resp: 6156

Ion Ratio Lower Upper

76 100

78 0.0 26.1 39.1#



#59

2-Hexanone

Concen: 37.384 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.049 min

Lab File: VX037588.D

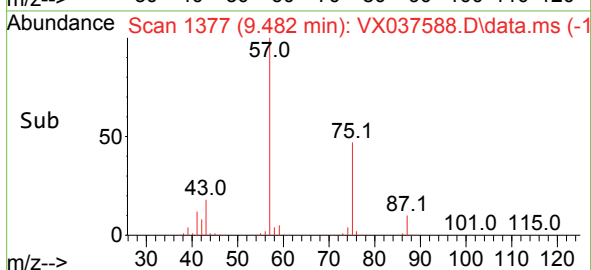
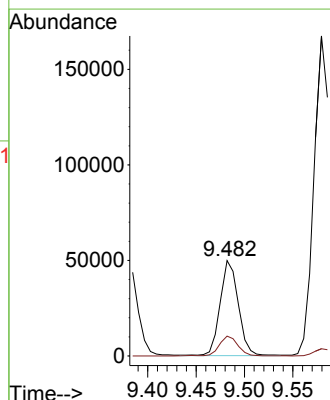
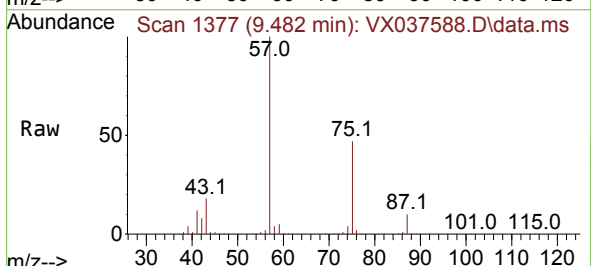
Acq: 07 Sep 2023 19:07

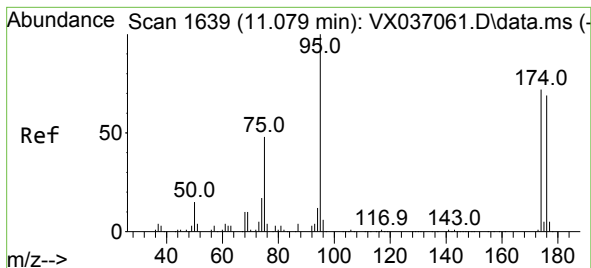
Tgt Ion: 43 Resp: 64994

Ion Ratio Lower Upper

43 100

58 21.7 26.2 78.5#

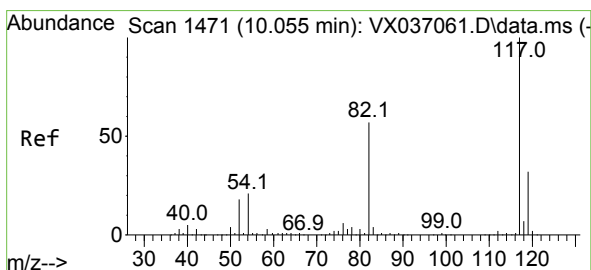
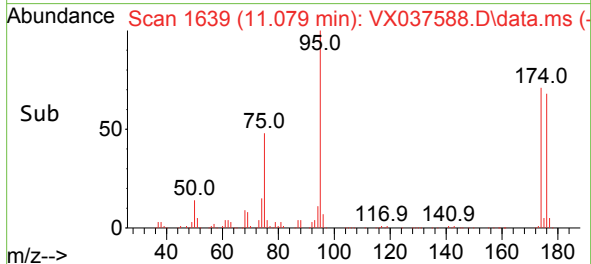
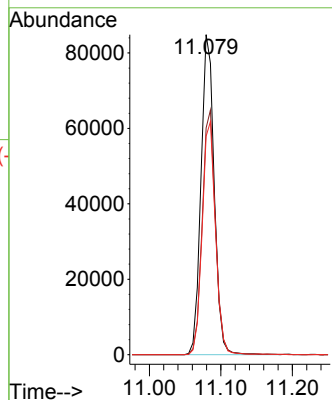
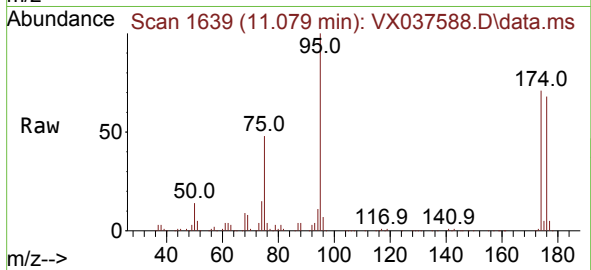




#62
4-Bromofluorobenzene
Concen: 46.761 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037588.D
Acq: 07 Sep 2023 19:07

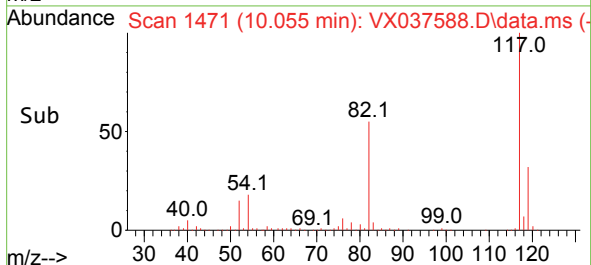
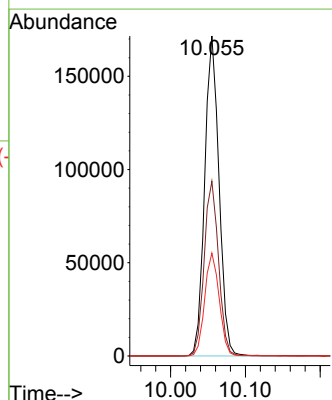
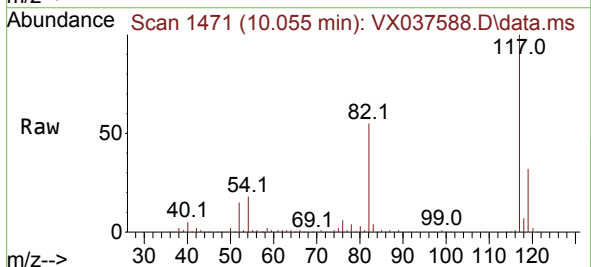
Instrument :
MSVOA_X
ClientSampleId :

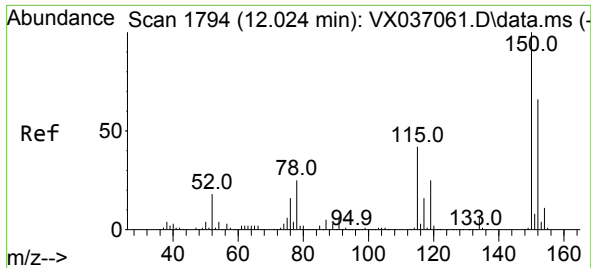
Tgt Ion: 95 Resp: 108632
Ion Ratio Lower Upper
95 100
174 76.8 0.0 135.6
176 73.4 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037588.D
Acq: 07 Sep 2023 19:07

Tgt Ion: 117 Resp: 228397
Ion Ratio Lower Upper
117 100
82 54.6 46.2 69.4
119 32.2 25.5 38.3

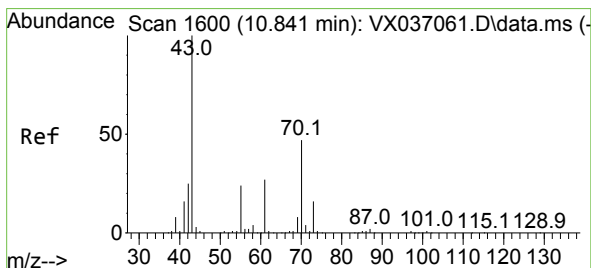
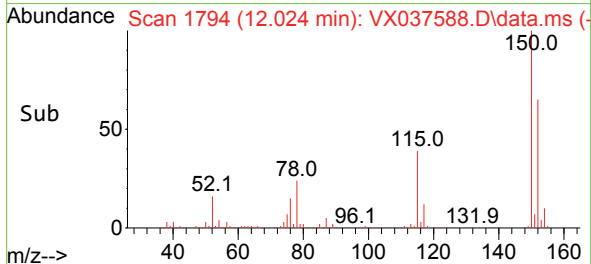
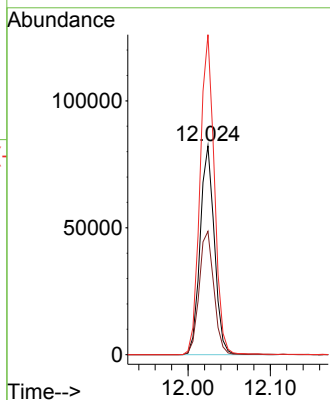
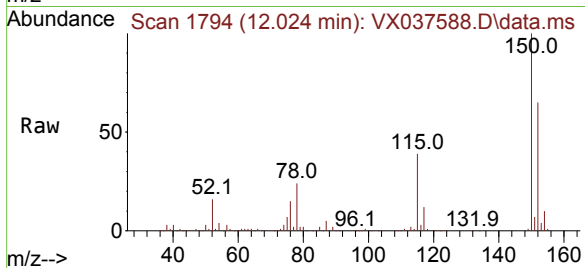




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX037588.D
Acq: 07 Sep 2023 19:07

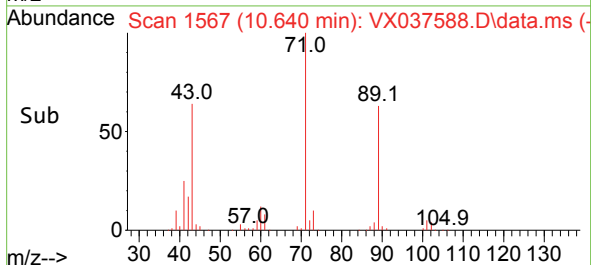
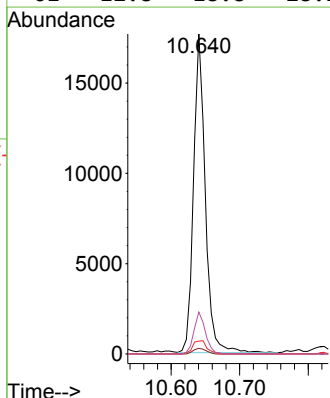
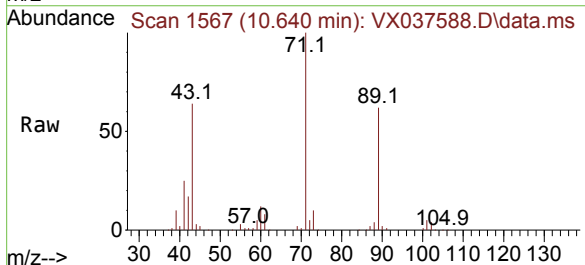
Instrument :
MSVOA_X
ClientSampleId :

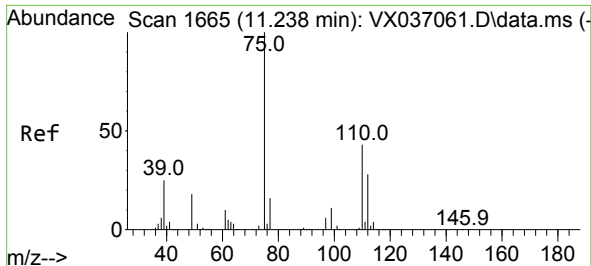
Tgt Ion:152 Resp: 99214
Ion Ratio Lower Upper
152 100
115 60.8 43.3 129.9
150 154.3 0.0 345.0



#74
N-ethyl acetate
Concen: 7.514 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.201 min
Lab File: VX037588.D
Acq: 07 Sep 2023 19:07

Tgt Ion: 43 Resp: 21056
Ion Ratio Lower Upper
43 100
70 1.9 32.9 49.3#
55 5.0 19.3 28.9#
61 12.8 18.8 28.2#

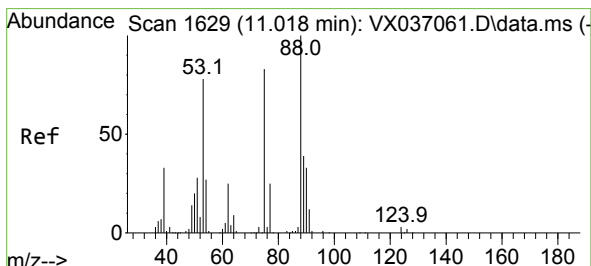
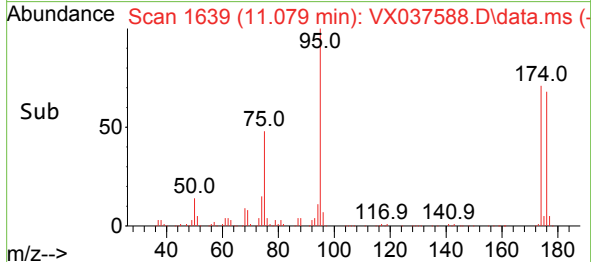
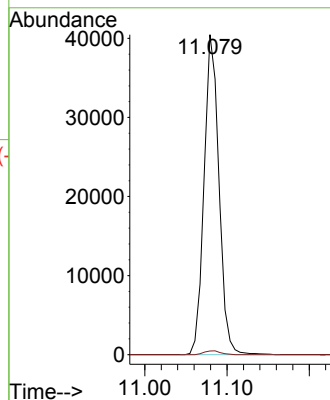
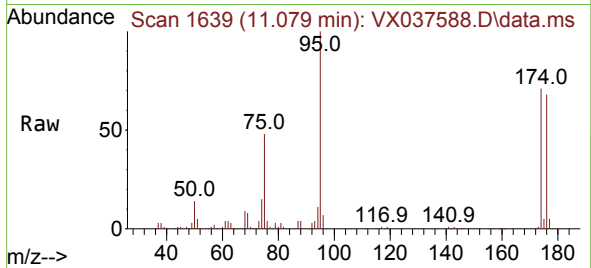




#76
1,2,3-Trichloropropane
Concen: 24.103 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX037588.D
Acq: 07 Sep 2023 19:07

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 50928
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 67.321 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX037588.D
Acq: 07 Sep 2023 19:07

Tgt Ion: 75 Resp: 50928
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

