

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111723\
 Data File : VX038888.D
 Acq On : 17 Nov 2023 18:11
 Operator : JC/MD
 Sample : 05404-16 40X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 17 22:54:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111623W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 16 22:59:22 2023
 Response via : Initial Calibration

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

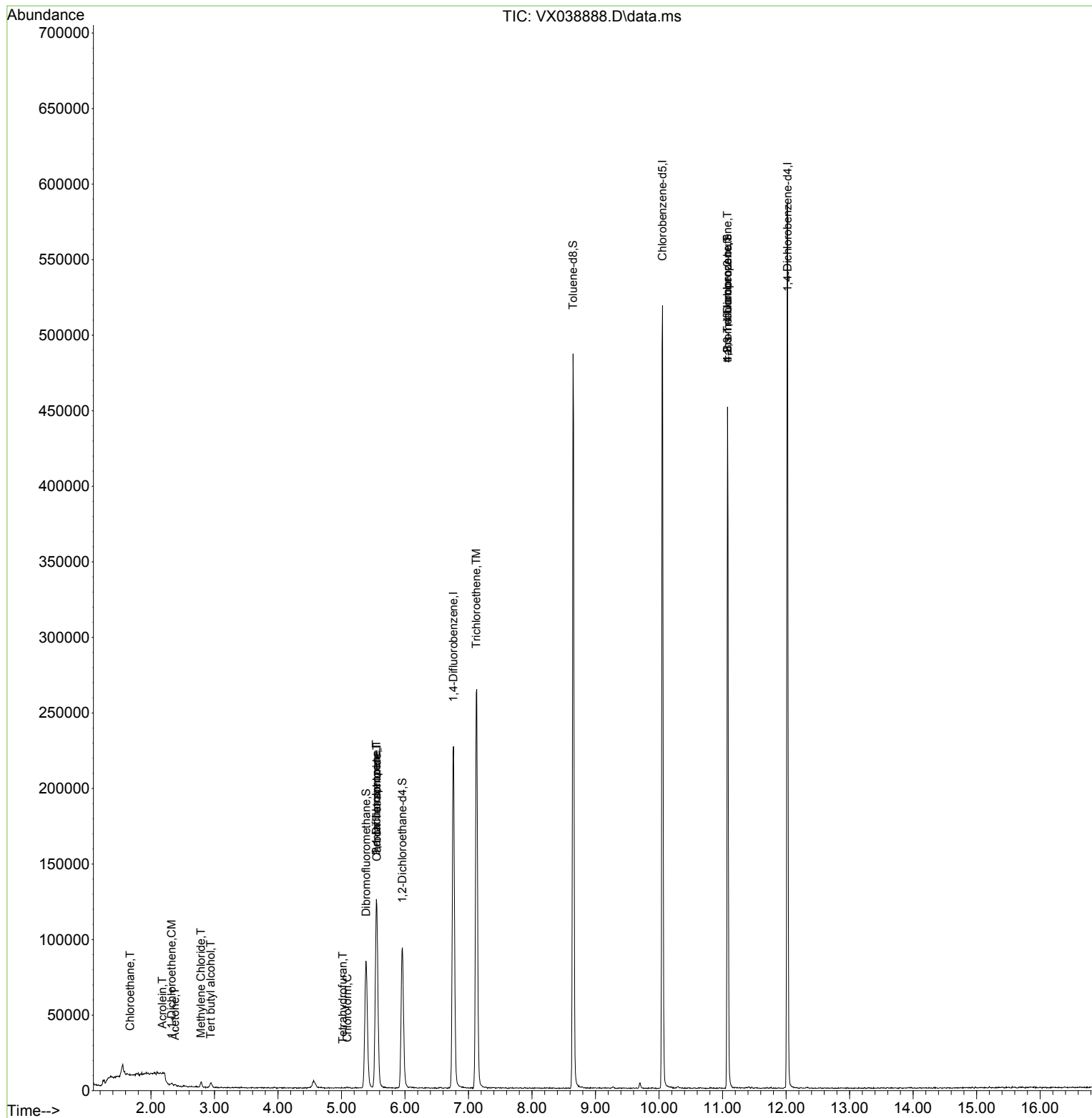
Internal Standards						
1) Pentafluorobenzene	5.550	168	113595	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	233638	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	237715	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	119470	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	88148	48.158	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.320%		
35) Dibromofluoromethane	5.385	113	74460	44.127	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	88.260%		
50) Toluene-d8	8.647	98	292999	45.384	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	90.760%#		
62) 4-Bromofluorobenzene	11.079	95	124528	48.185	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.360%		
Target Compounds						
					Qvalue	
6) Chloroethane	1.672	64	351	0.369	ug/l #	78
11) Tert butyl alcohol	2.940	59	1897	3.726	ug/l #	92
12) 1,1-Dichloroethene	2.325	96	393	0.278	ug/l #	75
13) Acrolein	2.178	56	202	0.750	ug/l #	61
16) Acetone	2.380	43	607	0.623	ug/l #	59
20) Methylene Chloride	2.788	84	1967	1.120	ug/l #	73
29) Tetrahydrofuran	5.019	42	294	0.293	ug/l #	50
30) Chloroform	5.092	83	645	0.227	ug/l	97
36) 1,1-Dichloropropene	5.550	75	10415	4.307	ug/l #	50
38) Carbon Tetrachloride	5.556	117	12256	5.483	ug/l #	15
44) Trichloroethene	7.123	130	100029	57.452	ug/l	93
76) 1,2,3-Trichloropropane	11.079	75	63791	21.401	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	63791	47.469	ug/l #	5

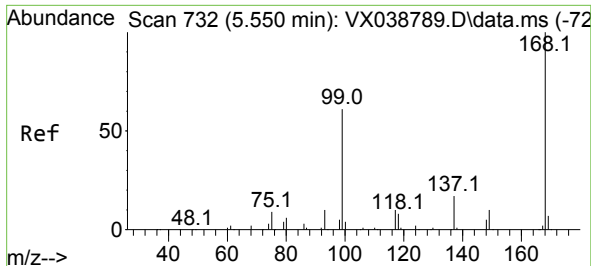
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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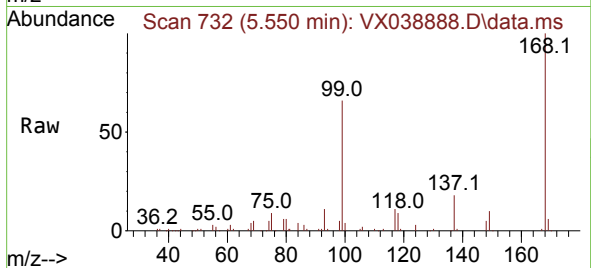
Quant Time: Nov 17 22:54:02 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111623W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 16 22:59:22 2023
Response via : Initial Calibration



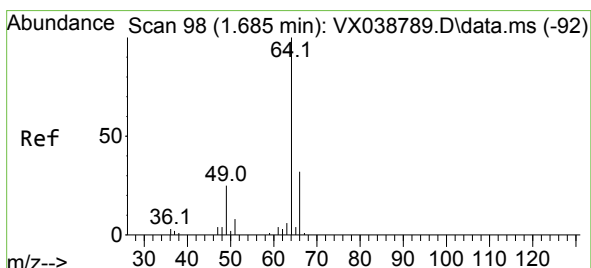
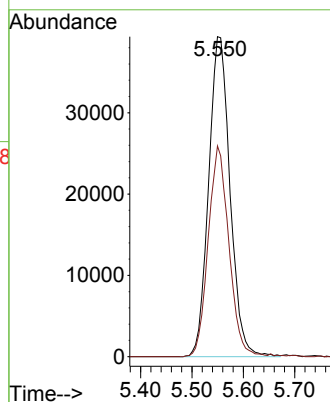
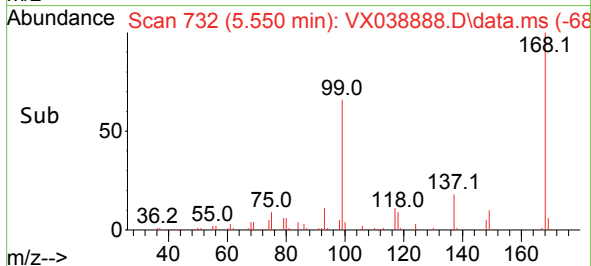


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038888.D
Acq: 17 Nov 2023 18:11

Instrument :
MSVOA_X
ClientSampleId :

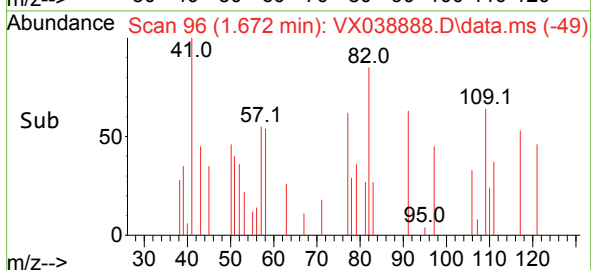
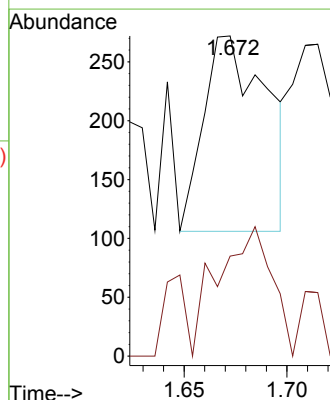
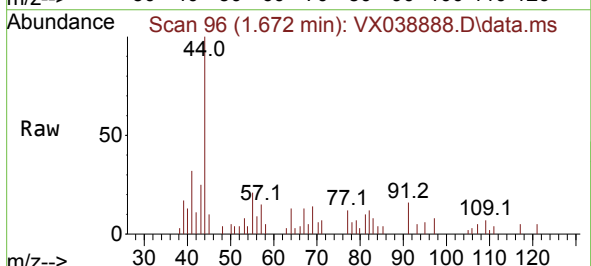


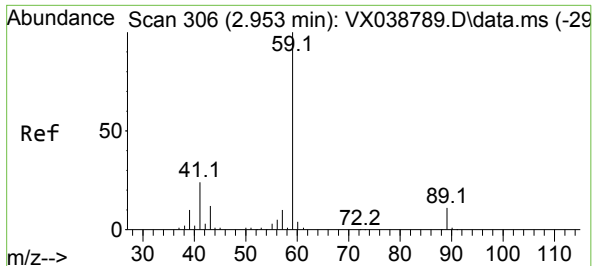
Tgt Ion:168 Resp: 113595
Ion Ratio Lower Upper
168 100
99 65.9 56.6 85.0



#6
Chloroethane
Concen: 0.369 ug/l
RT: 1.672 min Scan# 96
Delta R.T. -0.013 min
Lab File: VX038888.D
Acq: 17 Nov 2023 18:11

Tgt Ion: 64 Resp: 351
Ion Ratio Lower Upper
64 100
66 19.3 25.1 37.7#





#11

Tert butyl alcohol

Concen: 3.726 ug/l

RT: 2.940 min Scan# 306

Delta R.T. -0.012 min

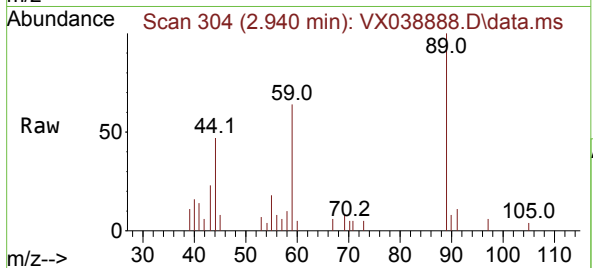
Lab File: VX038888.D

Acq: 17 Nov 2023 18:11

Instrument :

MSVOA_X

ClientSampleId :

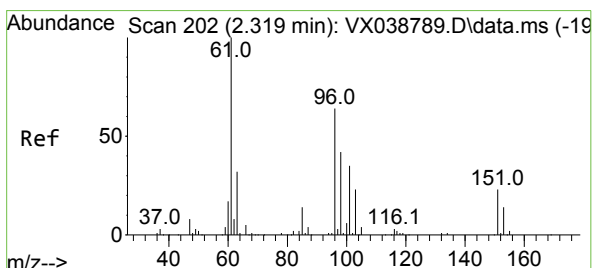
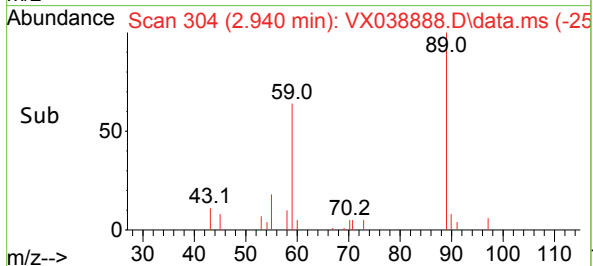
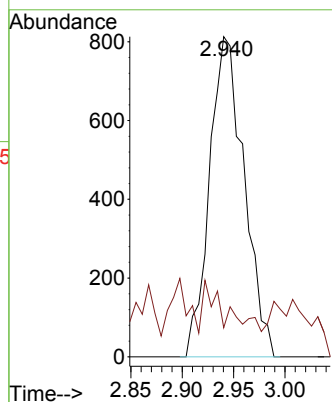


Tgt Ion: 59 Resp: 1897

Ion Ratio Lower Upper

59 100

57 10.3 6.0 9.0#



#12

1,1-Dichloroethene

Concen: 0.278 ug/l

RT: 2.325 min Scan# 203

Delta R.T. 0.006 min

Lab File: VX038888.D

Acq: 17 Nov 2023 18:11

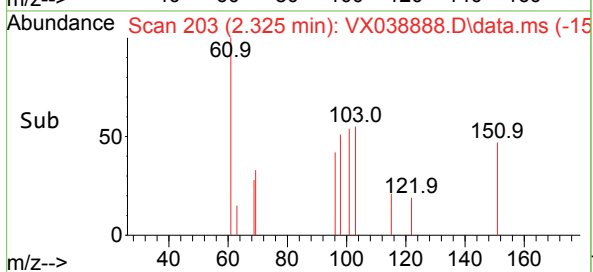
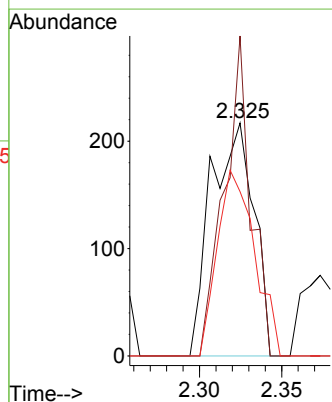
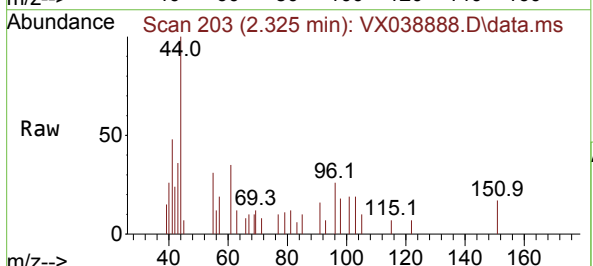
Tgt Ion: 96 Resp: 393

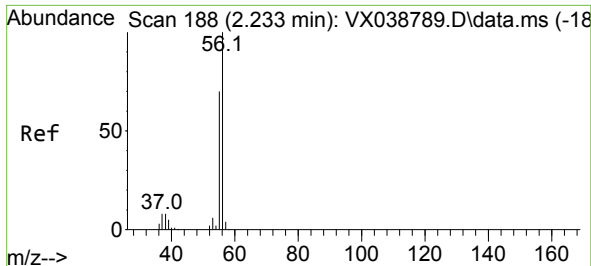
Ion Ratio Lower Upper

96 100

61 137.3 144.6 216.8#

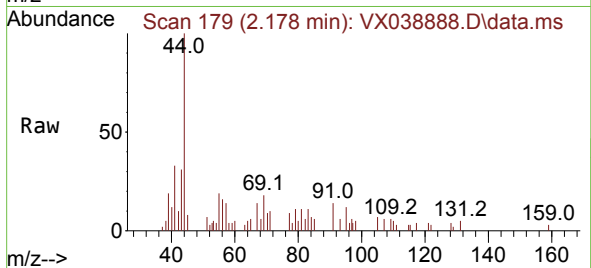
98 70.5 50.4 75.6



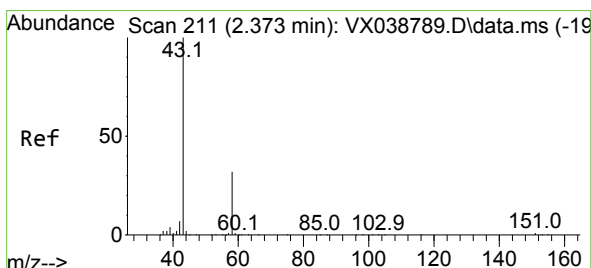
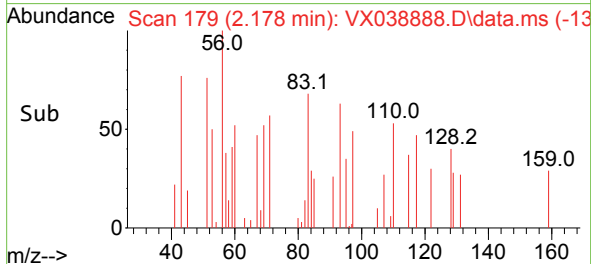
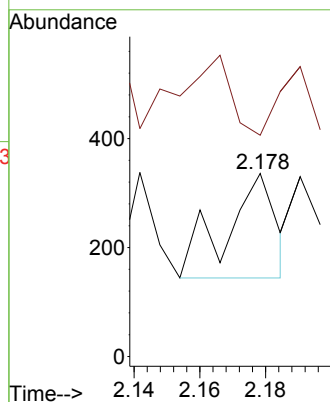


#13
Acrolein
Concen: 0.750 ug/l
RT: 2.178 min Scan# 11
Delta R.T. -0.055 min
Lab File: VX038888.D
Acq: 17 Nov 2023 18:11

Instrument :
MSVOA_X
ClientSampleId :

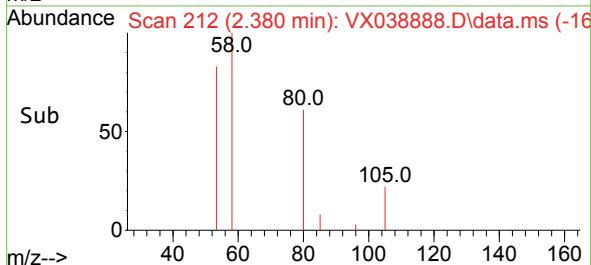
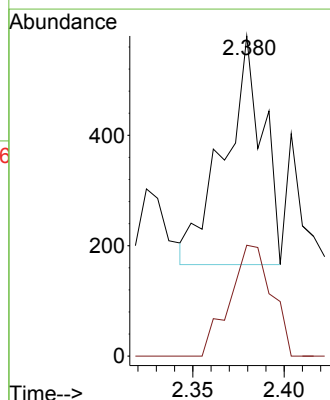
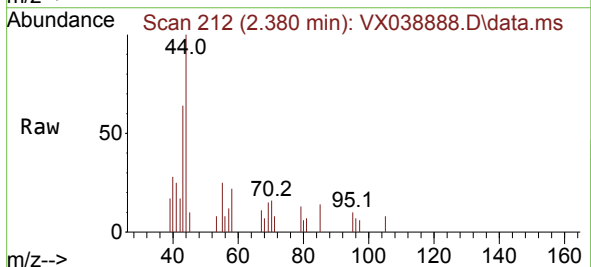


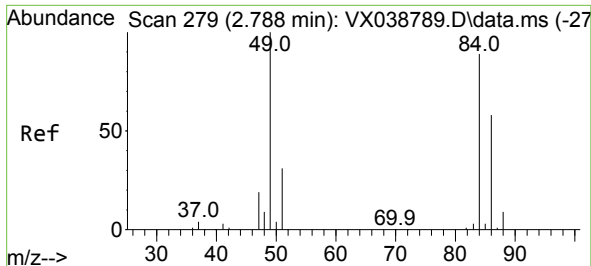
Tgt Ion: 56 Resp: 202
Ion Ratio Lower Upper
56 100
55 39.1 57.1 85.7#



#16
Acetone
Concen: 0.623 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX038888.D
Acq: 17 Nov 2023 18:11

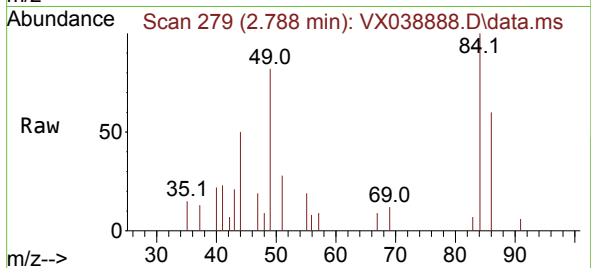
Tgt Ion: 43 Resp: 607
Ion Ratio Lower Upper
43 100
58 48.6 21.9 32.9#





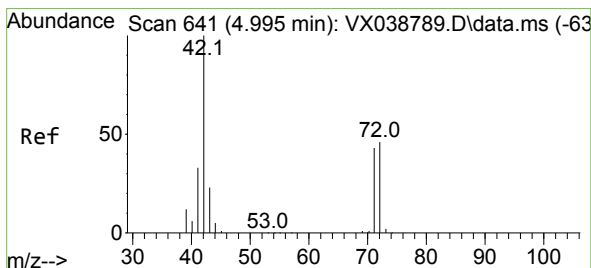
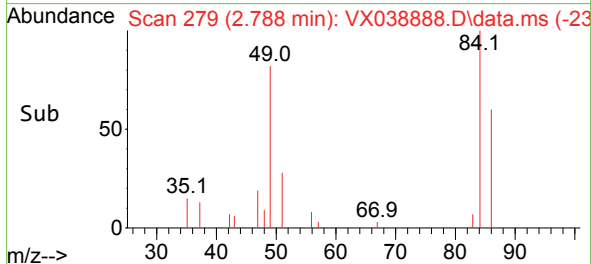
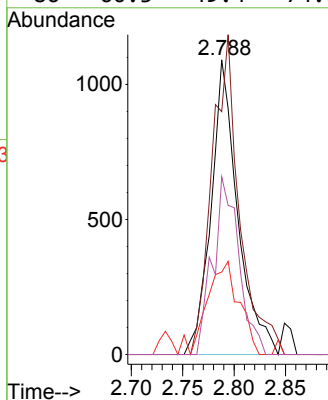
#20
Methylene Chloride
Concen: 1.120 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX038888.D
Acq: 17 Nov 2023 18:11

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 84 Resp: 1967

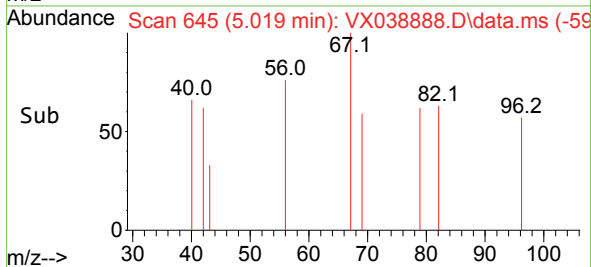
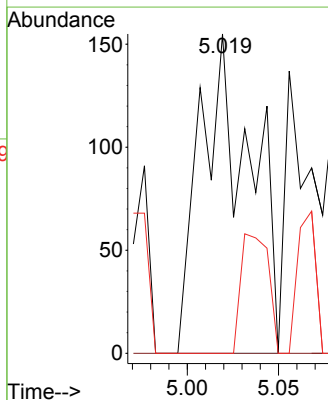
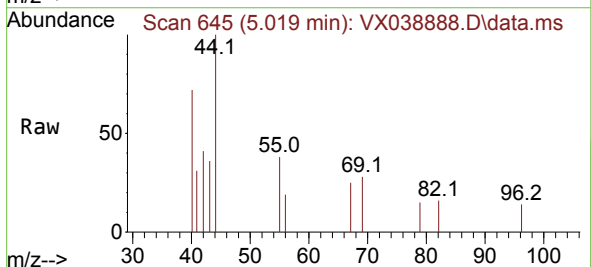
Ion	Ratio	Lower	Upper
84	100		
49	82.4	103.6	155.4#
51	28.0	33.8	50.6#
86	60.3	49.4	74.0

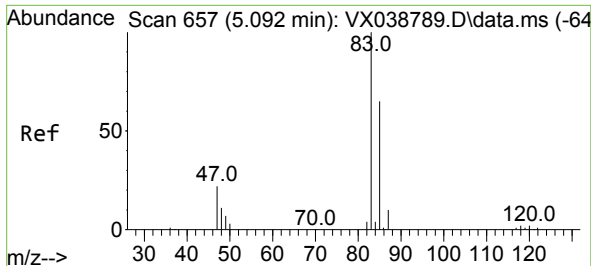


#29
Tetrahydrofuran
Concen: 0.293 ug/l
RT: 5.019 min Scan# 645
Delta R.T. 0.024 min
Lab File: VX038888.D
Acq: 17 Nov 2023 18:11

Tgt Ion: 42 Resp: 294

Ion	Ratio	Lower	Upper
42	100		
72	0.0	34.2	51.4#
71	20.4	32.2	48.2#

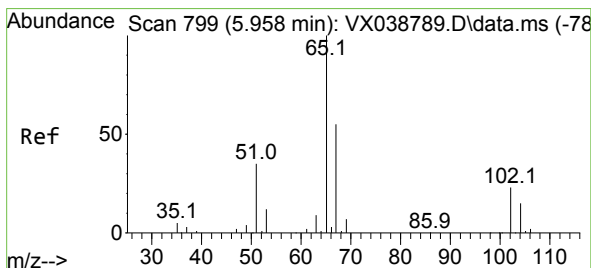
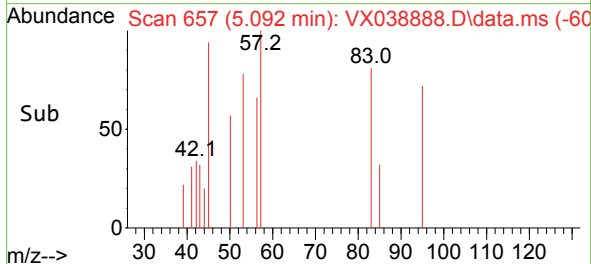
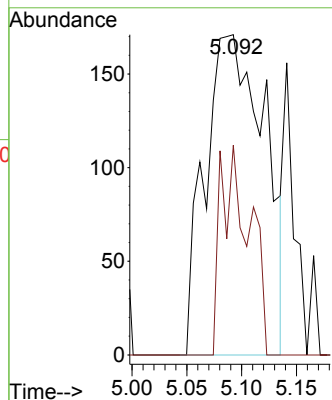
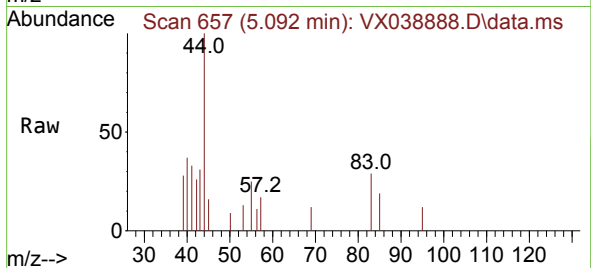




#30
Chloroform
Concen: 0.227 ug/l
RT: 5.092 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX038888.D
Acq: 17 Nov 2023 18:11

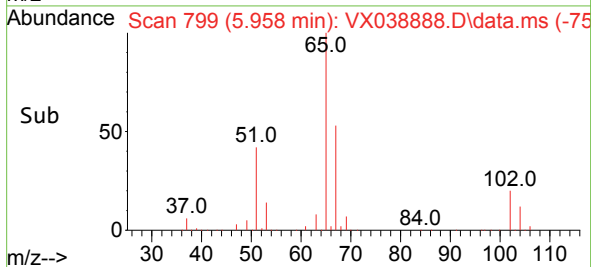
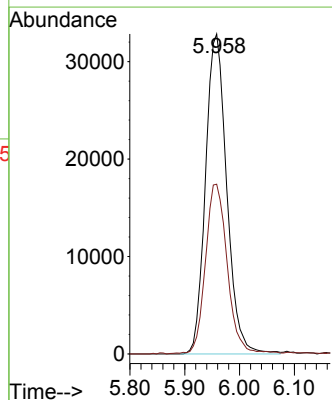
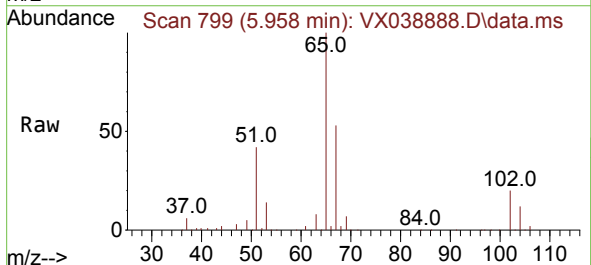
Instrument :
MSVOA_X
ClientSampleId :

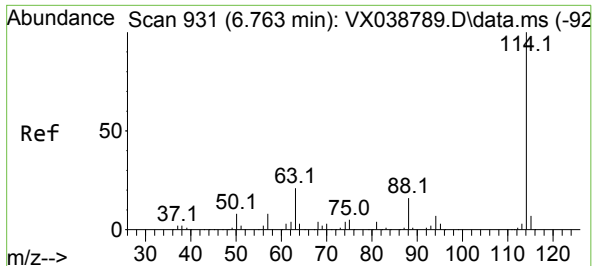
Tgt Ion: 83 Resp: 645
Ion Ratio Lower Upper
83 100
85 65.5 50.3 75.5



#33
1,2-Dichloroethane-d4
Concen: 48.158 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX038888.D
Acq: 17 Nov 2023 18:11

Tgt Ion: 65 Resp: 88148
Ion Ratio Lower Upper
65 100
67 54.7 0.0 100.2

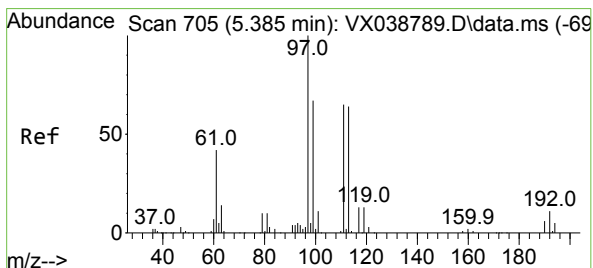
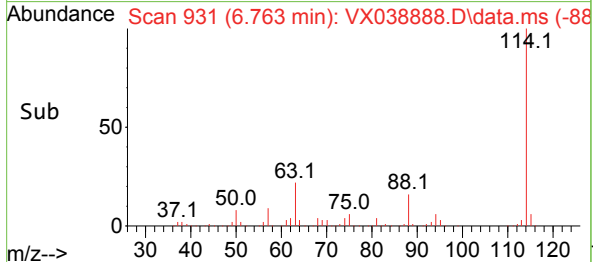
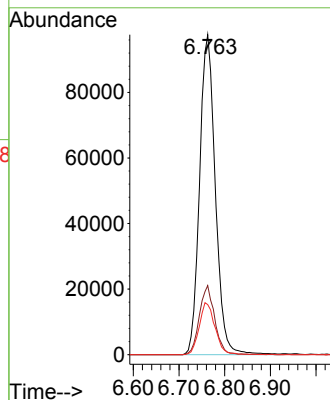
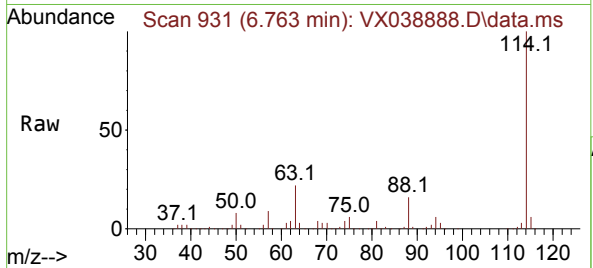




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX038888.D
Acq: 17 Nov 2023 18:11

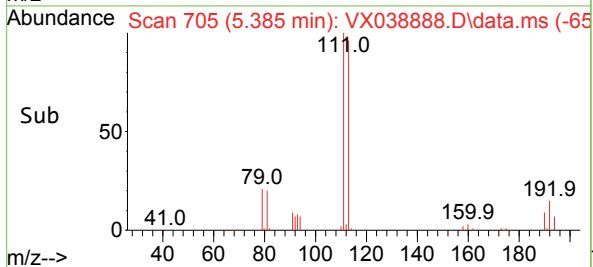
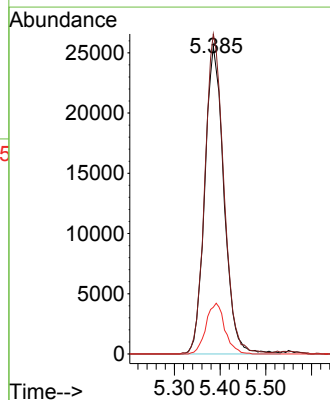
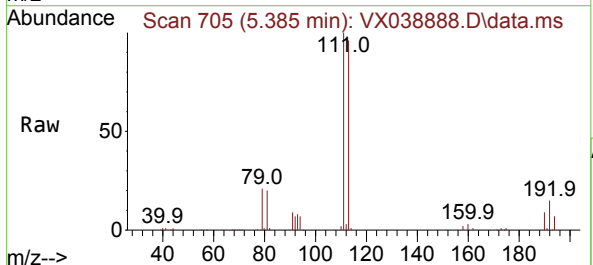
Instrument :
MSVOA_X
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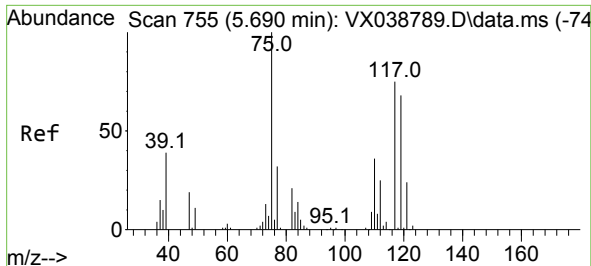
Tgt Ion:114 Resp: 233638
Ion Ratio Lower Upper
114 100
63 21.6 0.0 45.0
88 15.6 0.0 36.6



#35
Dibromofluoromethane
Concen: 44.127 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX038888.D
Acq: 17 Nov 2023 18:11

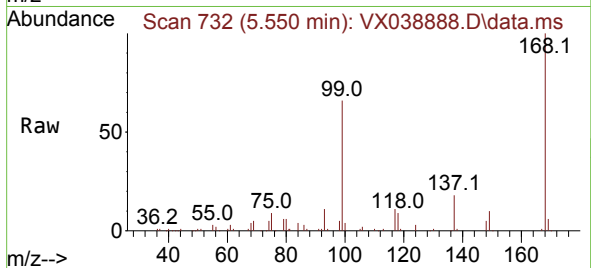
Tgt Ion:113 Resp: 74460
Ion Ratio Lower Upper
113 100
111 103.3 82.9 124.3
192 16.2 13.3 19.9



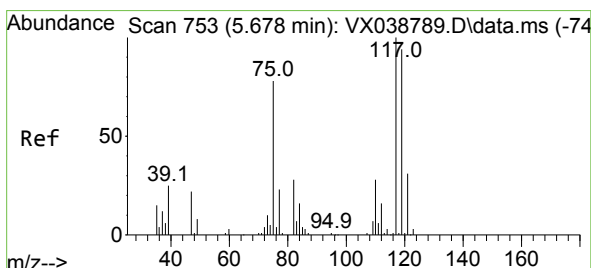
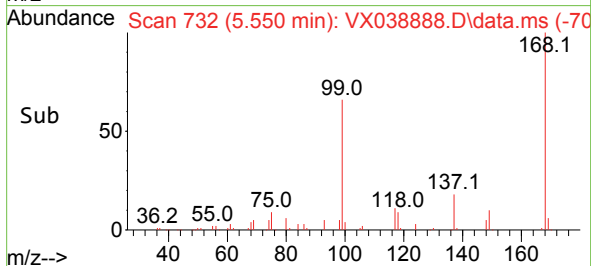
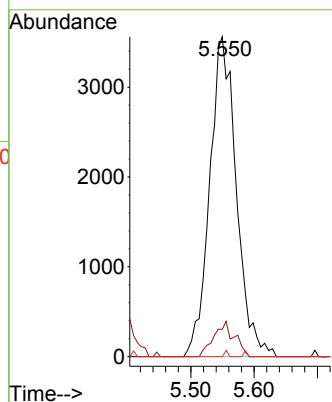


#36
1,1-Dichloropropene
Concen: 4.307 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX038888.D
Acq: 17 Nov 2023 18:11

Instrument :
MSVOA_X
ClientSampleId :

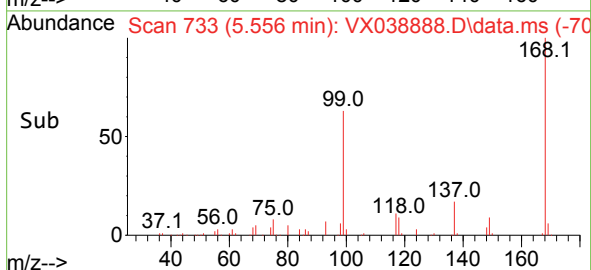
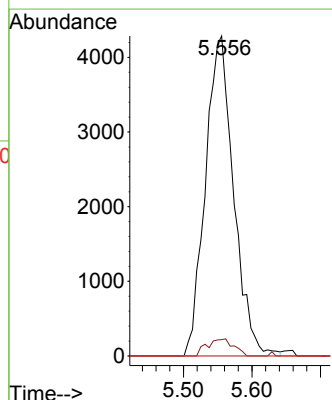
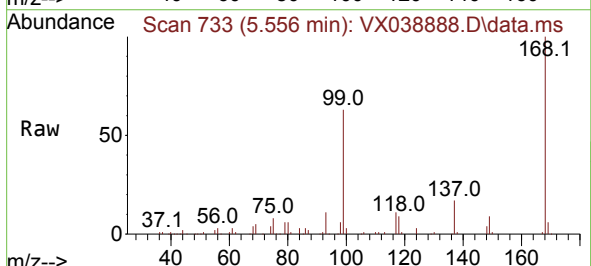


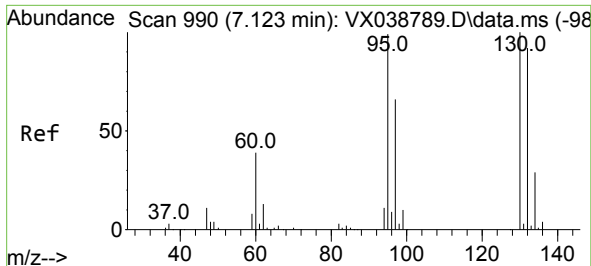
Tgt Ion: 75 Resp: 10415
Ion Ratio Lower Upper
75 100
110 8.5 17.0 50.9#
77 0.2 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.483 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX038888.D
Acq: 17 Nov 2023 18:11

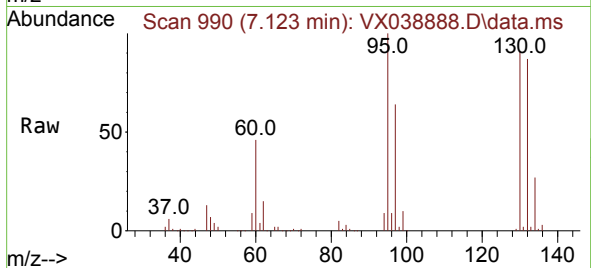
Tgt Ion: 117 Resp: 12256
Ion Ratio Lower Upper
117 100
119 5.1 78.2 117.2#
121 0.0 24.4 36.6#



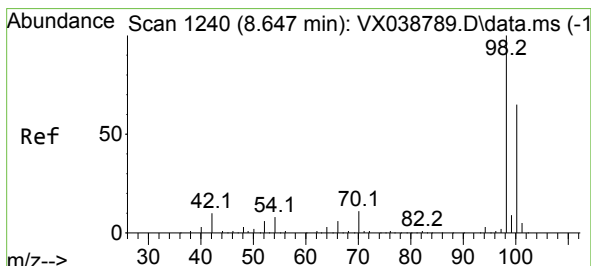
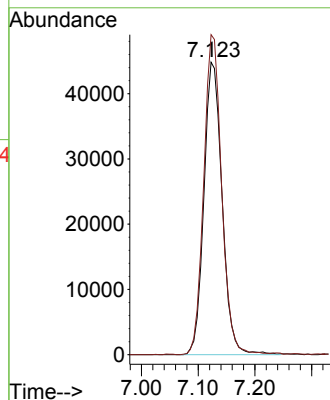
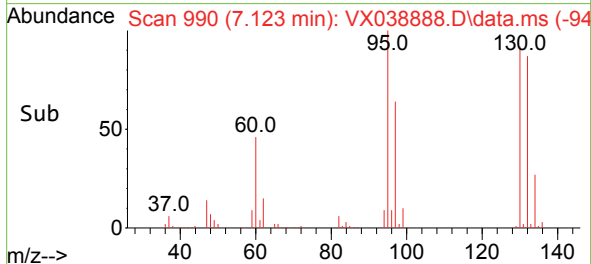


#44
Trichloroethene
Concen: 57.452 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX038888.D
Acq: 17 Nov 2023 18:11

Instrument :
MSVOA_X
ClientSampleId :

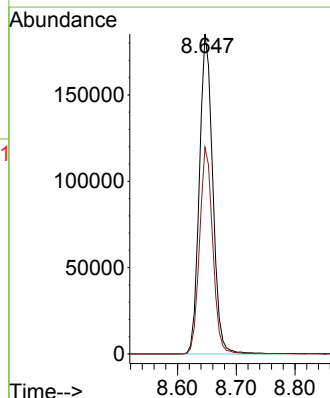
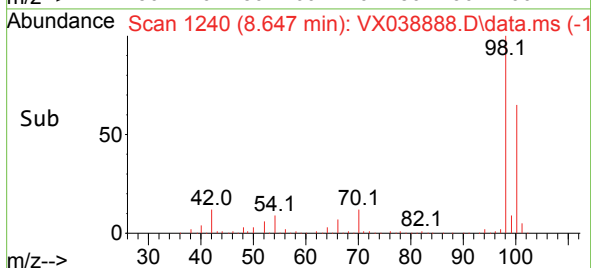
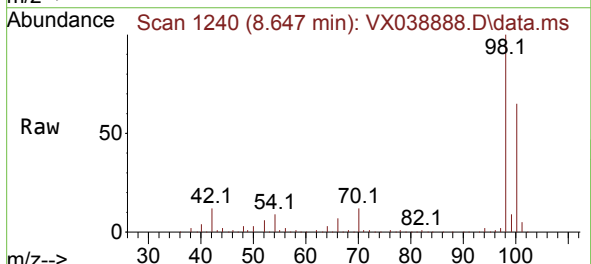


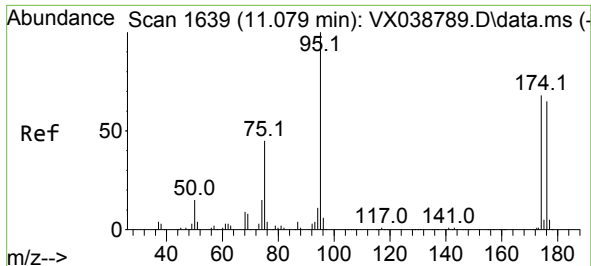
Tgt Ion:130 Resp: 100029
Ion Ratio Lower Upper
130 100
95 109.4 0.0 204.4



#50
Toluene-d8
Concen: 45.384 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX038888.D
Acq: 17 Nov 2023 18:11

Tgt Ion: 98 Resp: 292999
Ion Ratio Lower Upper
98 100
100 63.7 53.1 79.7

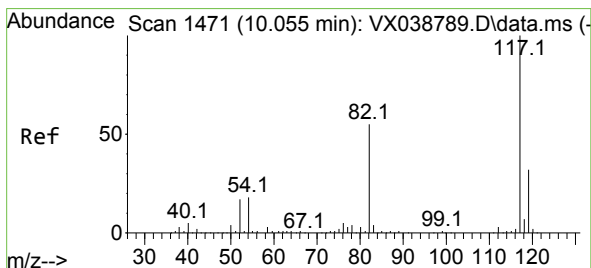
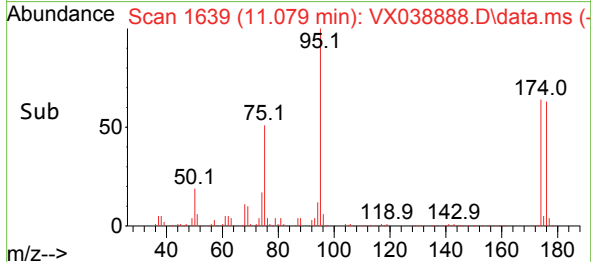
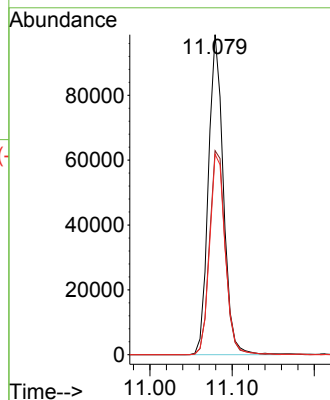
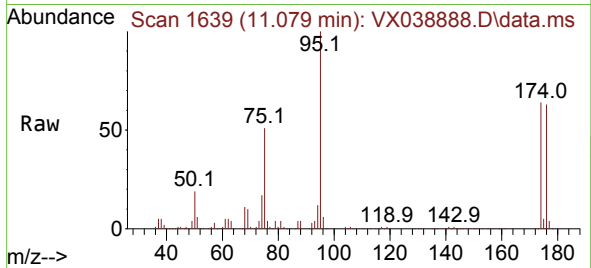




#62
4-Bromofluorobenzene
Concen: 48.185 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX038888.D
Acq: 17 Nov 2023 18:11

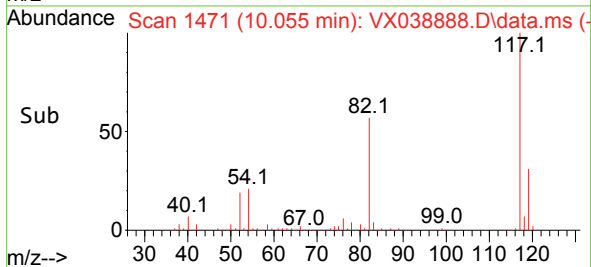
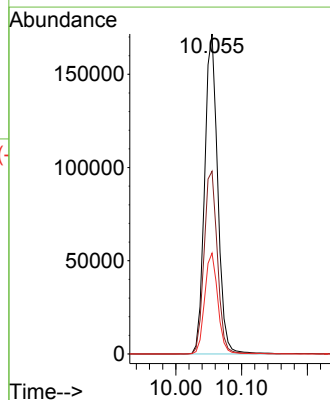
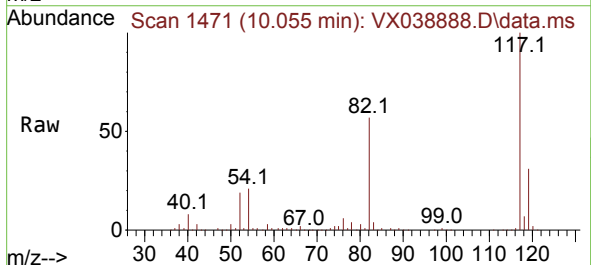
Instrument :
MSVOA_X
ClientSampleId :

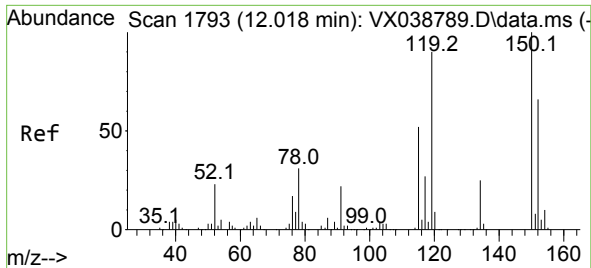
Tgt Ion: 95 Resp: 124528
Ion Ratio Lower Upper
95 100
174 66.8 0.0 135.6
176 65.6 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX038888.D
Acq: 17 Nov 2023 18:11

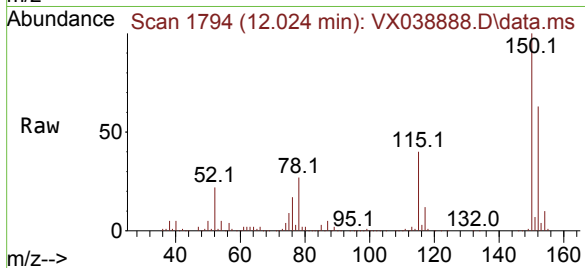
Tgt Ion: 117 Resp: 237715
Ion Ratio Lower Upper
117 100
82 57.0 46.2 69.4
119 31.5 25.5 38.3



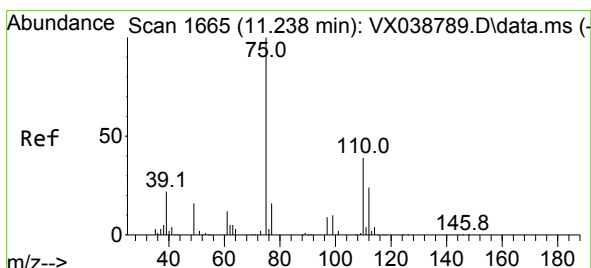
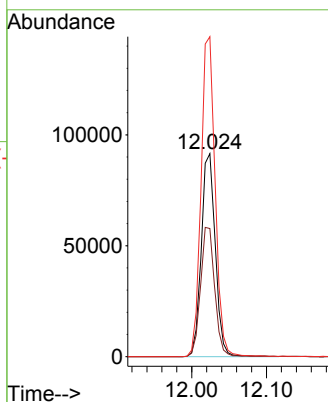
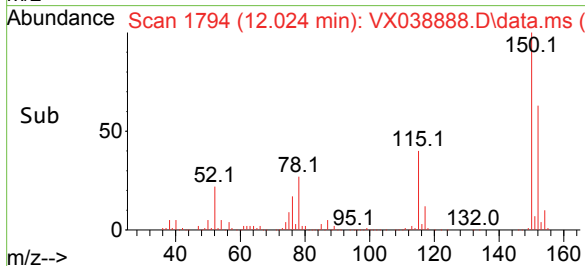


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX038888.D
 Acq: 17 Nov 2023 18:11

Instrument :
 MSVOA_X
 ClientSampleId :

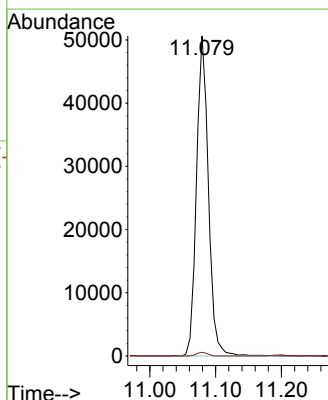
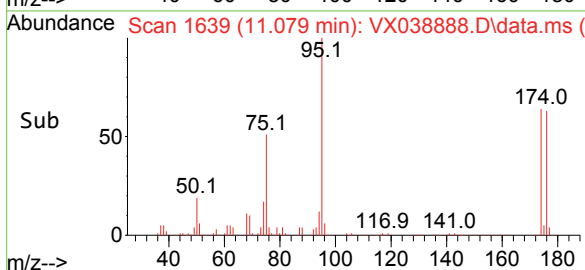
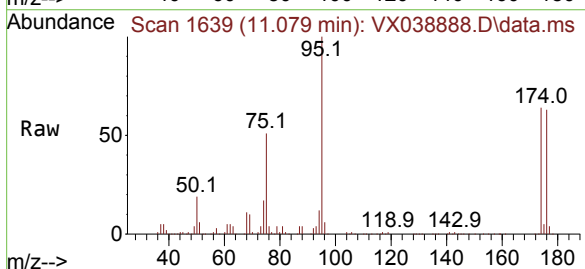


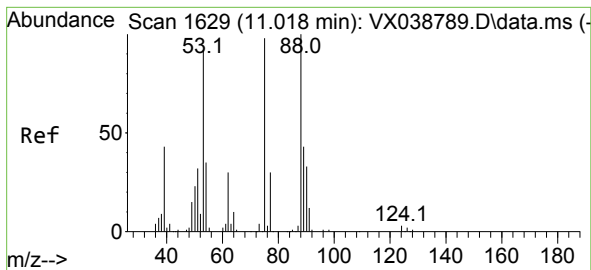
Tgt Ion:152 Resp: 119470
 Ion Ratio Lower Upper
 152 100
 115 64.4 43.3 129.9
 150 158.8 0.0 345.0



#76
 1,2,3-Trichloropropane
 Concen: 21.401 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX038888.D
 Acq: 17 Nov 2023 18:11

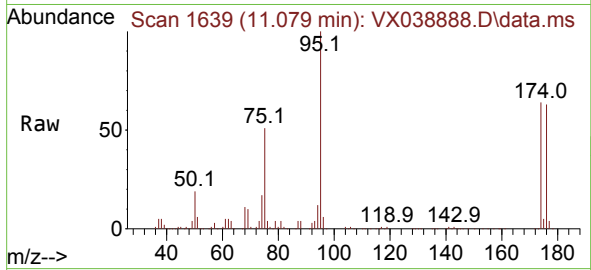
Tgt Ion: 75 Resp: 63791
 Ion Ratio Lower Upper
 75 100
 77 1.0 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 47.469 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX038888.D
 Acq: 17 Nov 2023 18:11

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 63791
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

