

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111623\
 Data File : VX038858.D
 Acq On : 16 Nov 2023 23:13
 Operator : JC/MD
 Sample : 05403-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RW11-MW01S-20231107

Quant Time: Nov 17 03:22:13 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

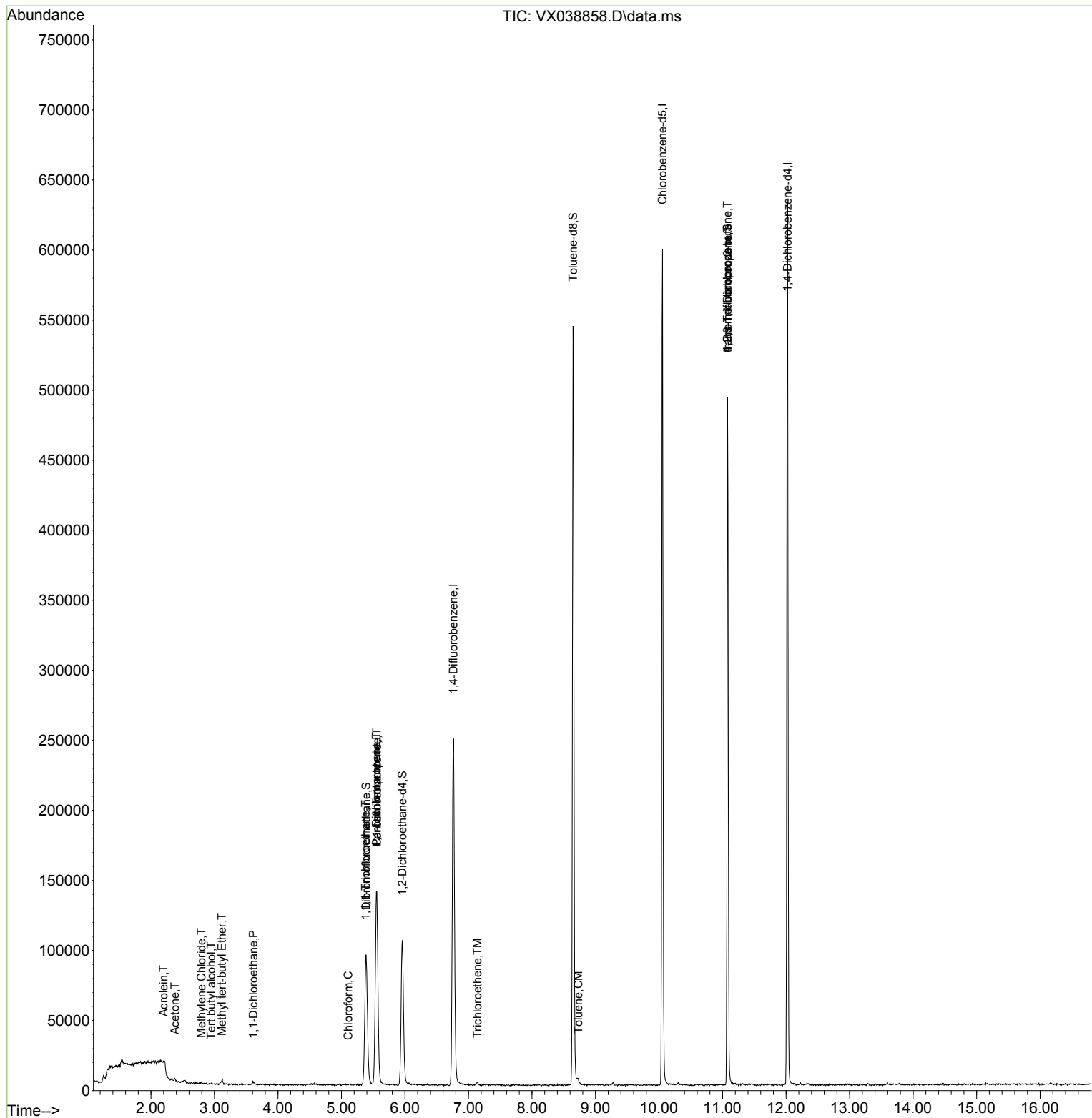
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	126891	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	255183	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	261509	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	131142	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	94253	46.097	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	92.200%		
35) Dibromofluoromethane	5.385	113	82271	44.640	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	89.280%		
50) Toluene-d8	8.647	98	329600	46.743	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	93.480%		
62) 4-Bromofluorobenzene	11.079	95	138593	49.099	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.200%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.947	59	410	0.721	ug/l #	5
13) Acrolein	2.197	56	797	2.649	ug/l #	1
16) Acetone	2.380	43	1673	1.537	ug/l #	79
19) Methyl tert-butyl Ether	3.117	73	2824	0.508	ug/l	95
20) Methylene Chloride	2.794	84	680	0.347	ug/l #	51
24) 1,1-Dichloroethane	3.611	63	1935	0.596	ug/l #	69
30) Chloroform	5.105	83	1281	0.404	ug/l	89
32) 1,1,1-Trichloroethane	5.379	97	1252	0.456	ug/l #	39
36) 1,1-Dichloropropene	5.550	75	11487	4.349	ug/l #	51
38) Carbon Tetrachloride	5.556	117	14036	5.749	ug/l #	15
44) Trichloroethene	7.141	130	612	0.322	ug/l	71
52) Toluene	8.726	92	1298	0.268	ug/l	80
76) 1,2,3-Trichloropropane	11.079	75	70777	21.631	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	70777	47.980	ug/l #	5

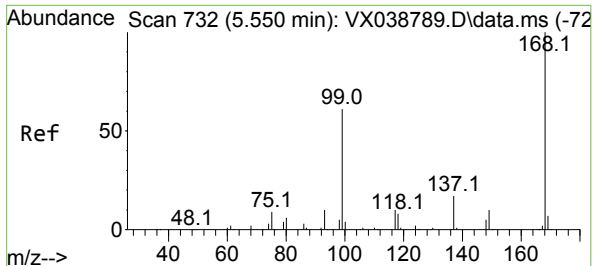
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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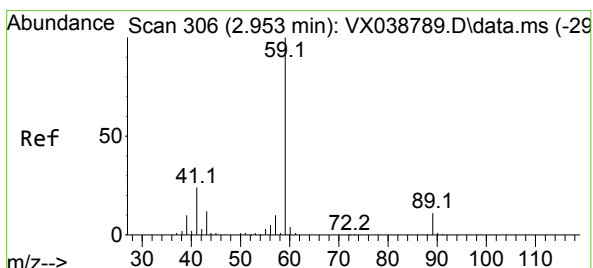
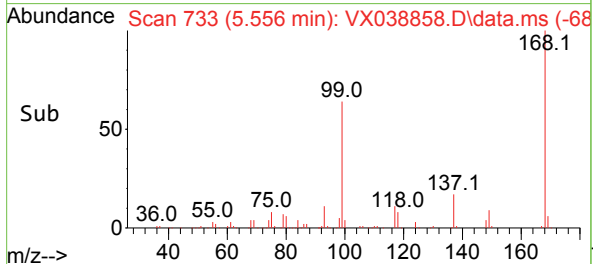
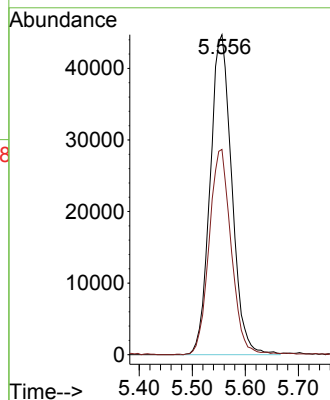
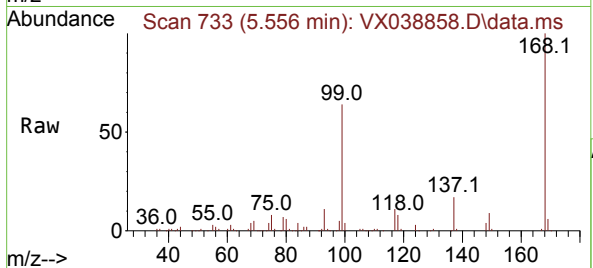




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX038858.D
Acq: 16 Nov 2023 23:13

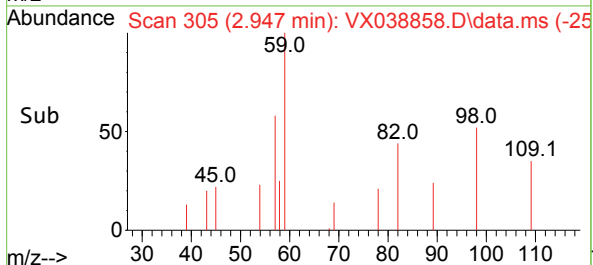
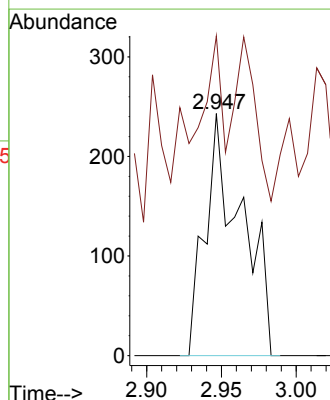
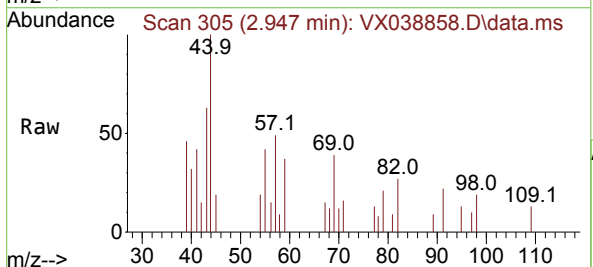
Instrument :
MSVOA_X
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RW11-MW01S-20231107

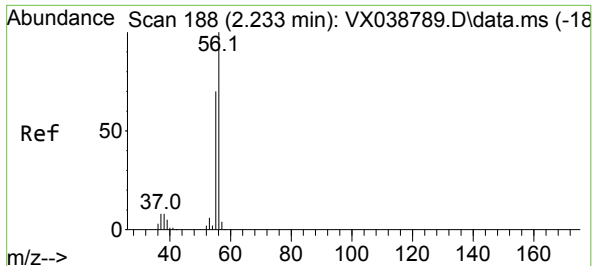
Tgt Ion:168 Resp: 126891
Ion Ratio Lower Upper
168 100
99 64.0 56.6 85.0



#11
Tert butyl alcohol
Concen: 0.721 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.006 min
Lab File: VX038858.D
Acq: 16 Nov 2023 23:13

Tgt Ion: 59 Resp: 410
Ion Ratio Lower Upper
59 100
57 40.7 6.0 9.0#





#13

Acrolein

Concen: 2.649 ug/l

RT: 2.197 min Scan# 11

Delta R.T. -0.037 min

Lab File: VX038858.D

Acq: 16 Nov 2023 23:13

Instrument :

MSVOA_X

ClientSampleId :

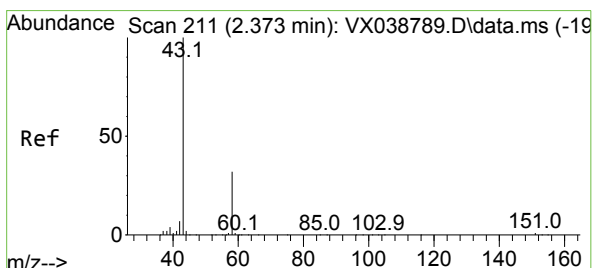
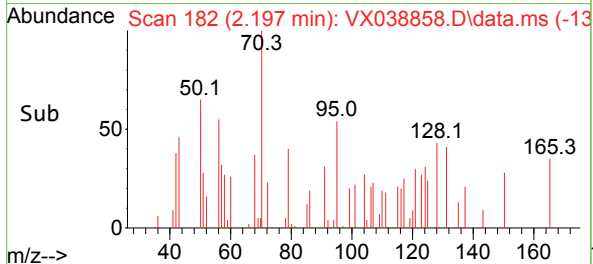
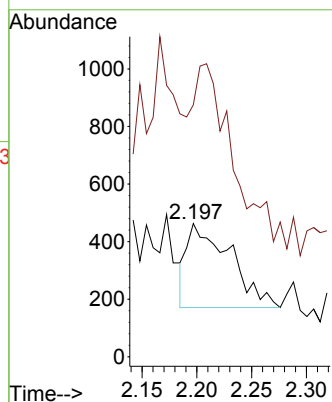
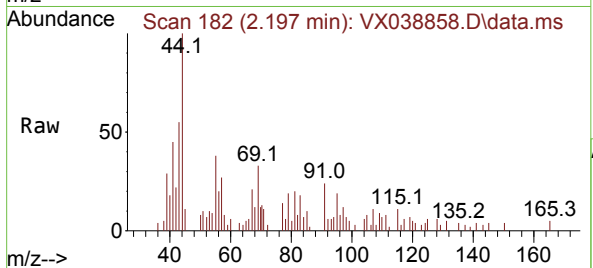
RW11-MW01S-20231107

Tgt Ion: 56 Resp: 797

Ion Ratio Lower Upper

56 100

55 204.4 57.1 85.7#



#16

Acetone

Concen: 1.537 ug/l

RT: 2.380 min Scan# 212

Delta R.T. 0.006 min

Lab File: VX038858.D

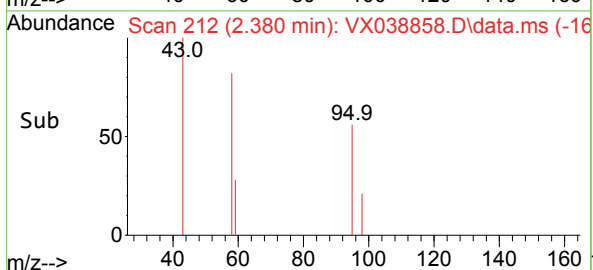
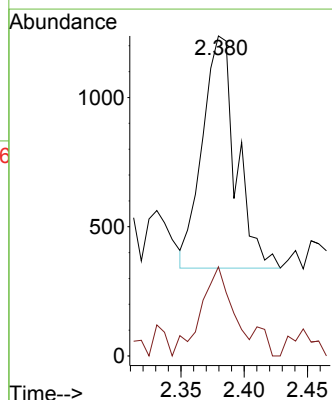
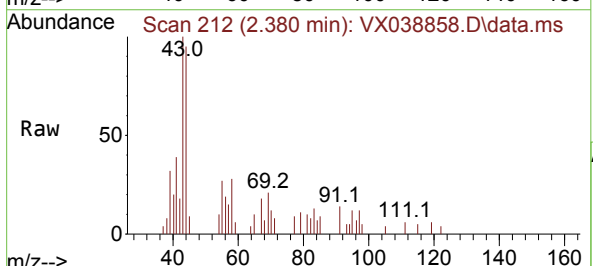
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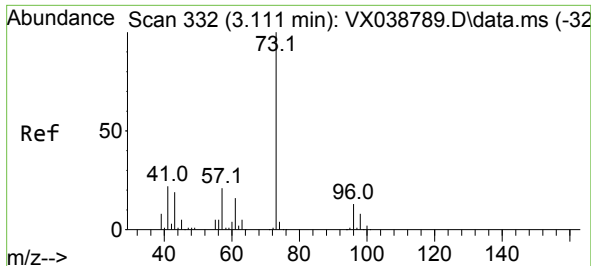
Tgt Ion: 43 Resp: 1673

Ion Ratio Lower Upper

43 100

58 38.4 21.9 32.9#

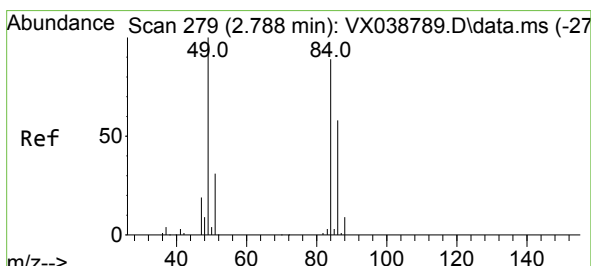
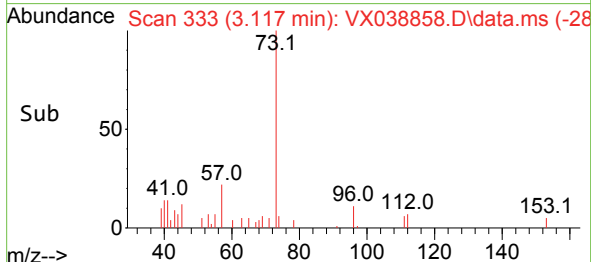
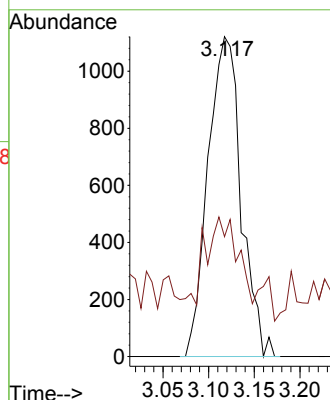
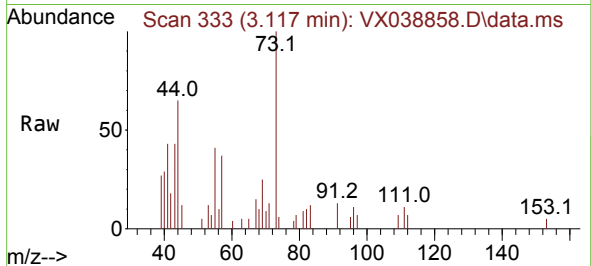




#19
Methyl tert-butyl Ether
Concen: 0.508 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX038858.D
Acq: 16 Nov 2023 23:13

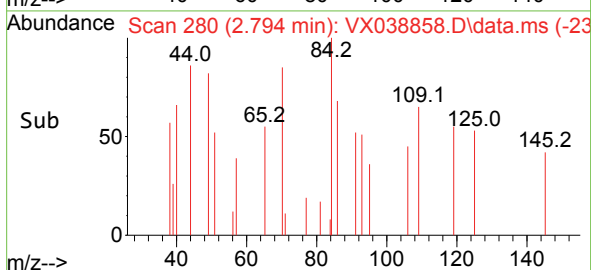
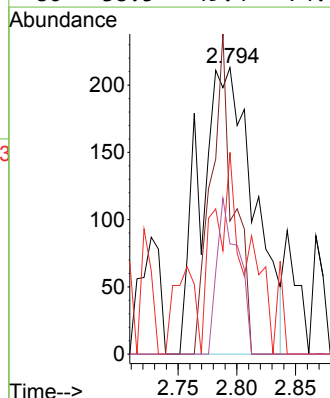
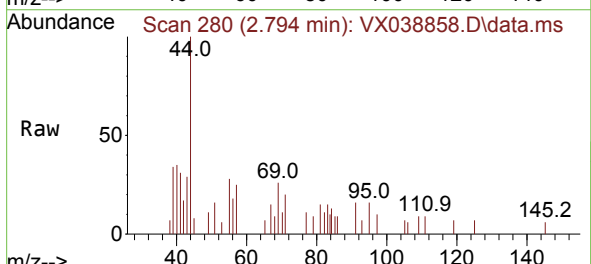
Instrument :
MSVOA_X
ClientSampleId :
RW11-MW01S-20231107

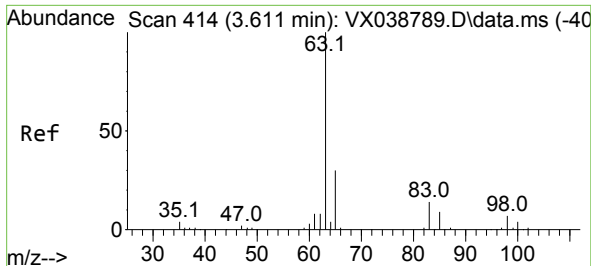
Tgt Ion: 73 Resp: 2824
Ion Ratio Lower Upper
73 100
57 23.8 17.3 25.9



#20
Methylene Chloride
Concen: 0.347 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX038858.D
Acq: 16 Nov 2023 23:13

Tgt Ion: 84 Resp: 680
Ion Ratio Lower Upper
84 100
49 46.5 103.6 155.4#
51 46.5 33.8 50.6
86 38.5 49.4 74.0#





#24

1,1-Dichloroethane

Concen: 0.596 ug/l

RT: 3.611 min Scan# 414

Delta R.T. 0.000 min

Lab File: VX038858.D

Acq: 16 Nov 2023 23:13

Instrument :

MSVOA_X

ClientSampleId :

RW11-MW01S-20231107

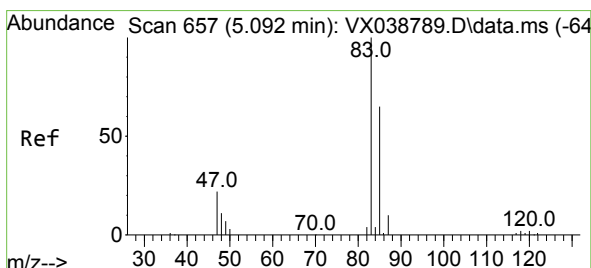
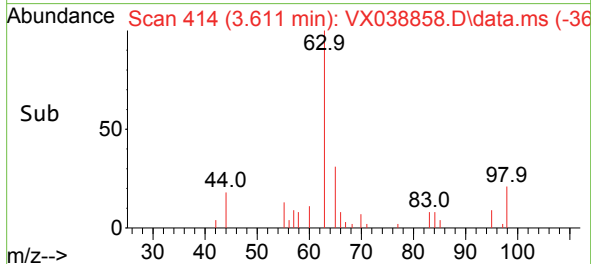
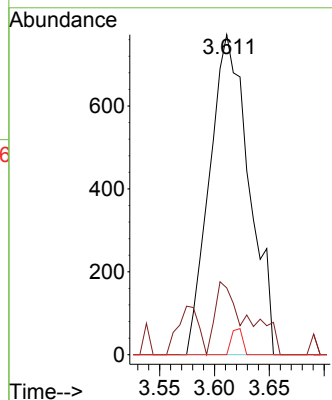
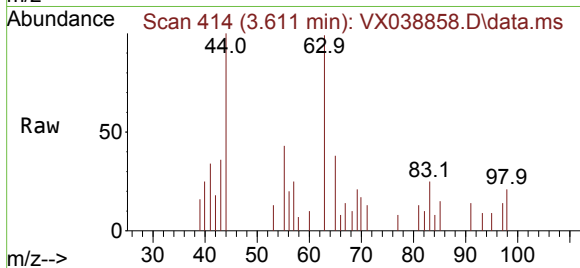
Tgt Ion: 63 Resp: 1935

Ion Ratio Lower Upper

63 100

98 20.9 3.3 9.8#

100 0.0 2.1 6.5#



#30

Chloroform

Concen: 0.404 ug/l

RT: 5.105 min Scan# 659

Delta R.T. 0.012 min

Lab File: VX038858.D

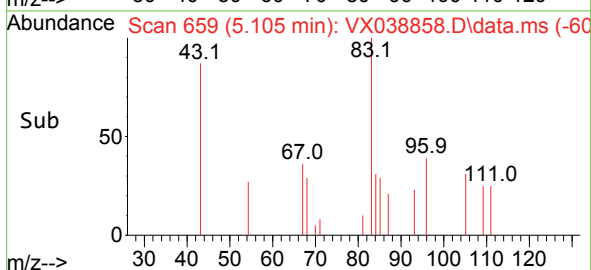
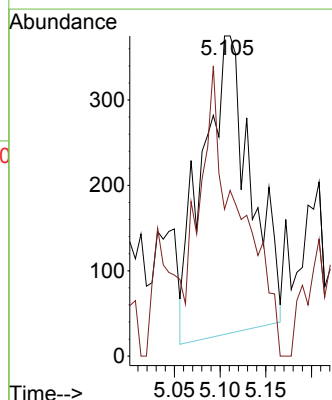
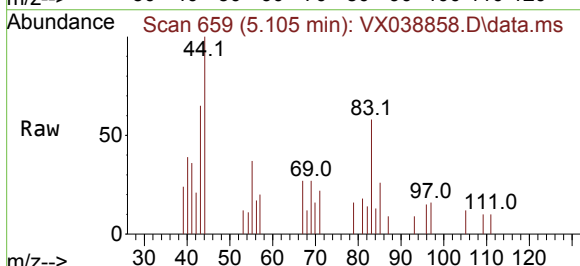
Acq: 16 Nov 2023 23:13

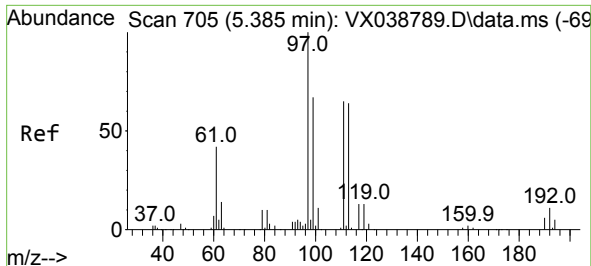
Tgt Ion: 83 Resp: 1281

Ion Ratio Lower Upper

83 100

85 54.6 50.3 75.5

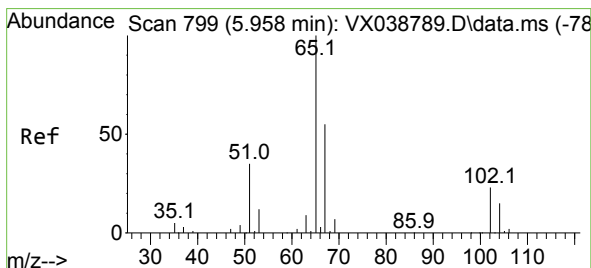
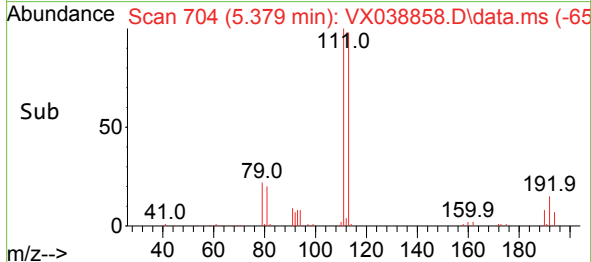
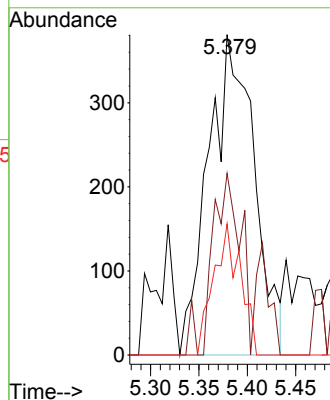
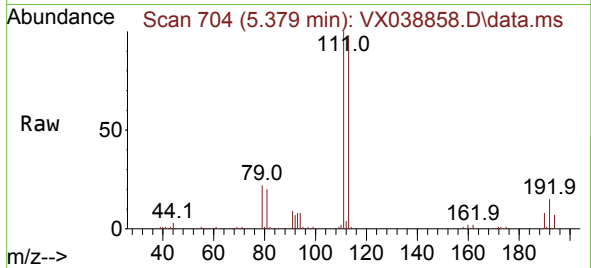




#32
1,1,1-Trichloroethane
Concen: 0.456 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX038858.D
Acq: 16 Nov 2023 23:13

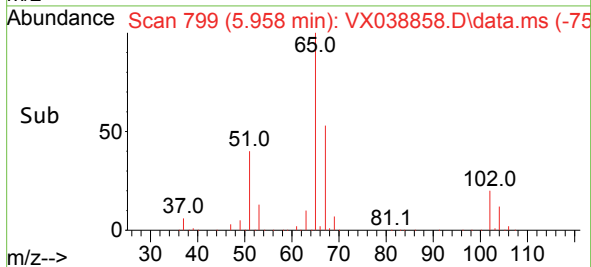
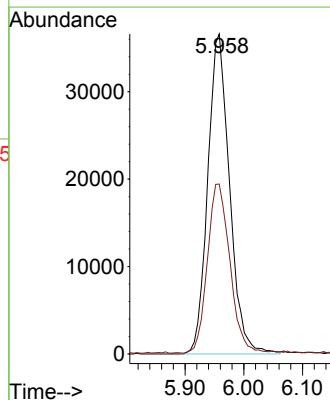
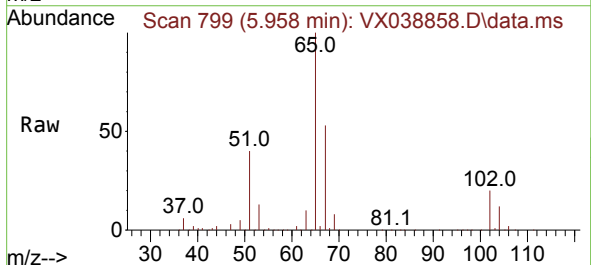
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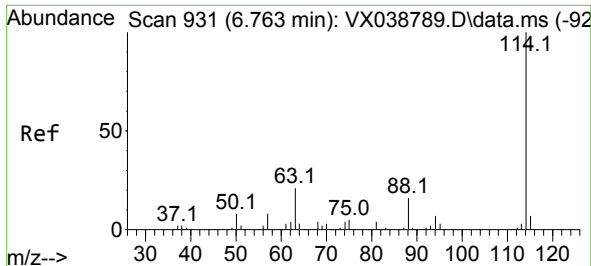
Tgt Ion: 97 Resp: 1252
Ion Ratio Lower Upper
97 100
99 0.0 51.1 76.7#
61 24.1 36.4 54.6#



#33
1,2-Dichloroethane-d4
Concen: 46.097 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX038858.D
Acq: 16 Nov 2023 23:13

Tgt Ion: 65 Resp: 94253
Ion Ratio Lower Upper
65 100
67 54.4 0.0 100.2

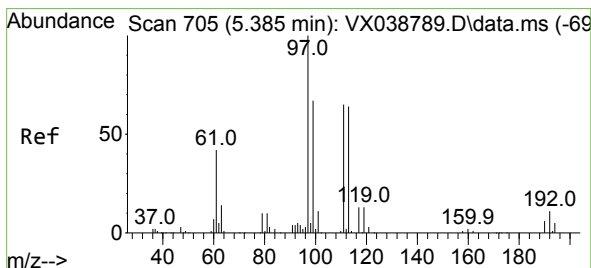
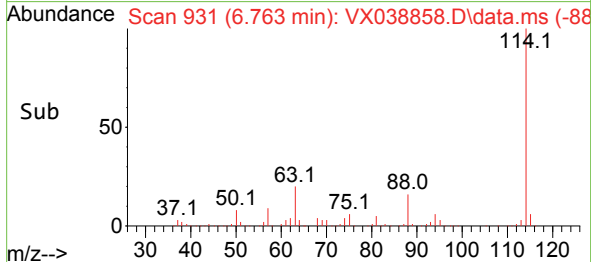
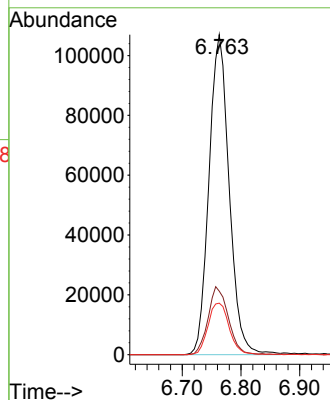
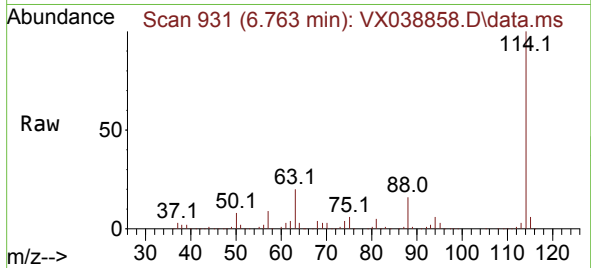




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX038858.D
Acq: 16 Nov 2023 23:13

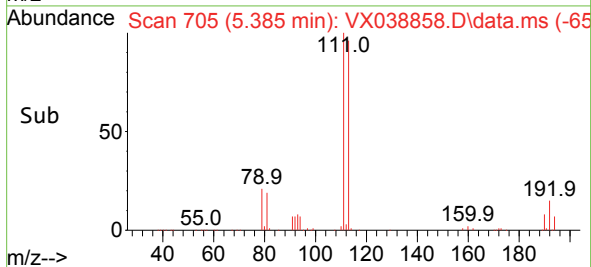
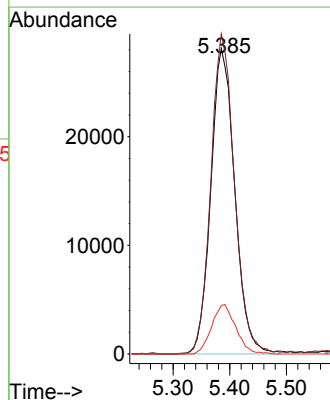
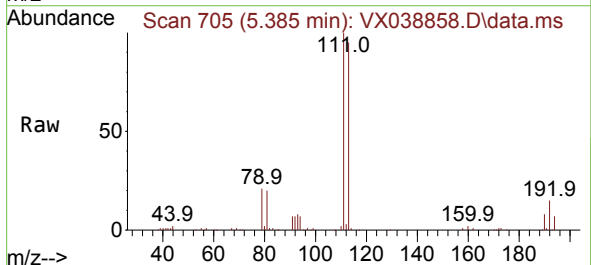
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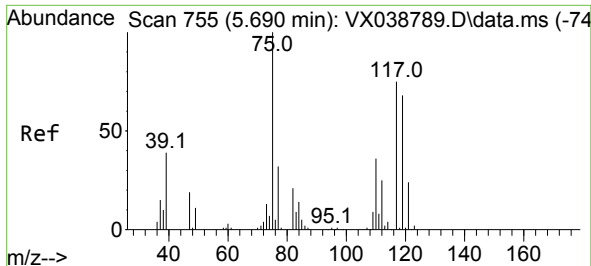
Tgt Ion:114 Resp: 255183
Ion Ratio Lower Upper
114 100
63 19.9 0.0 45.0
88 16.1 0.0 36.6



#35
Dibromofluoromethane
Concen: 44.640 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038858.D
Acq: 16 Nov 2023 23:13

Tgt Ion:113 Resp: 82271
Ion Ratio Lower Upper
113 100
111 103.5 82.9 124.3
192 16.3 13.3 19.9

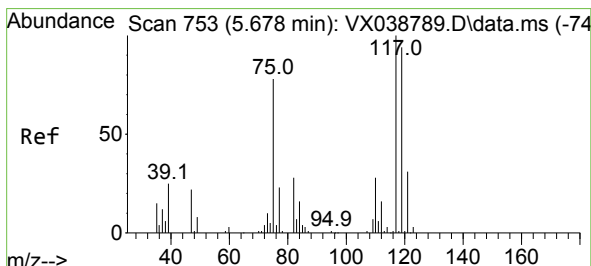
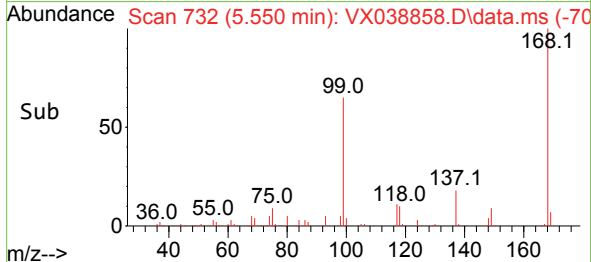
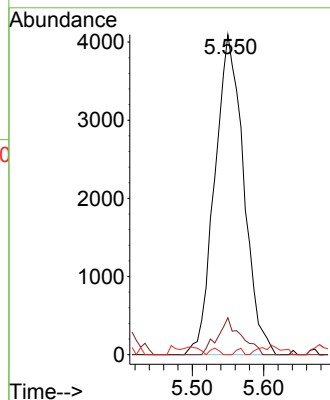
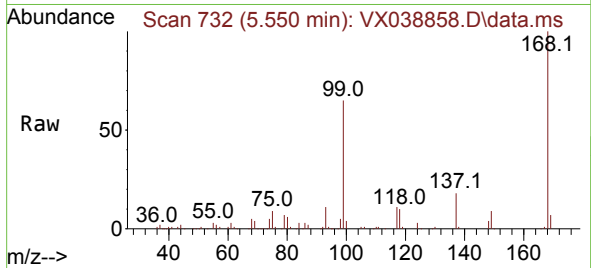




#36
1,1-Dichloropropene
Concen: 4.349 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.140 min
Lab File: VX038858.D
Acq: 16 Nov 2023 23:13

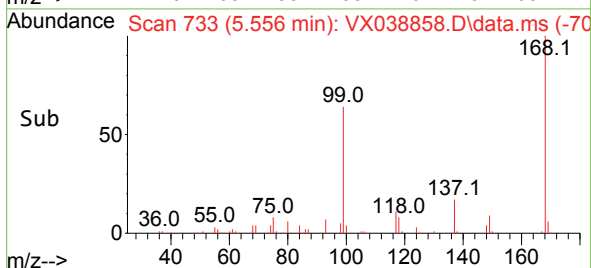
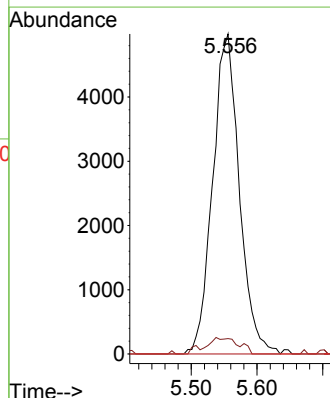
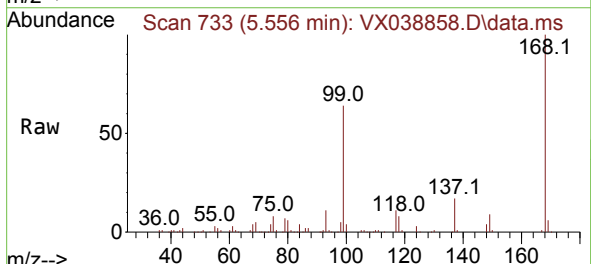
Instrument :
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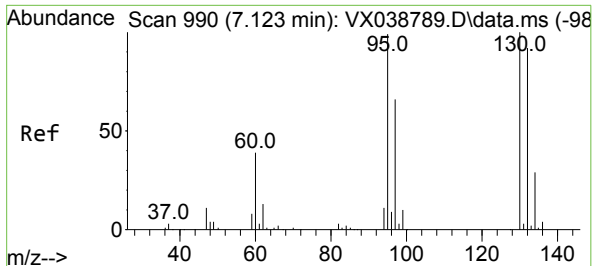
Tgt Ion: 75 Resp: 11487
Ion Ratio Lower Upper
75 100
110 9.3 17.0 50.9#
77 0.4 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.749 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX038858.D
Acq: 16 Nov 2023 23:13

Tgt Ion: 117 Resp: 14036
Ion Ratio Lower Upper
117 100
119 4.8 78.2 117.2#
121 0.0 24.4 36.6#

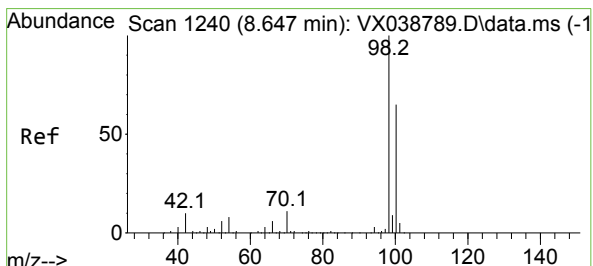
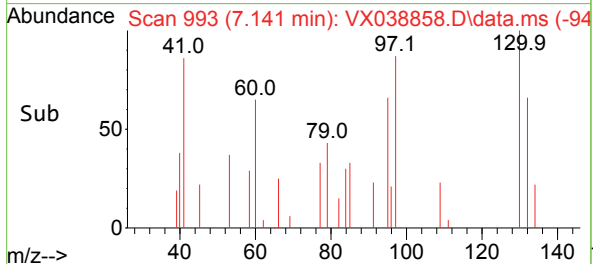
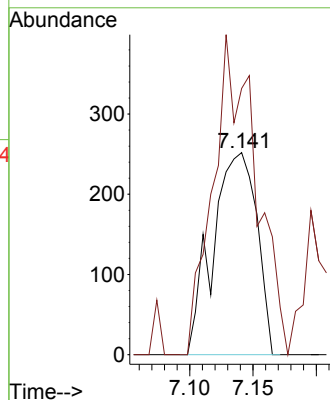
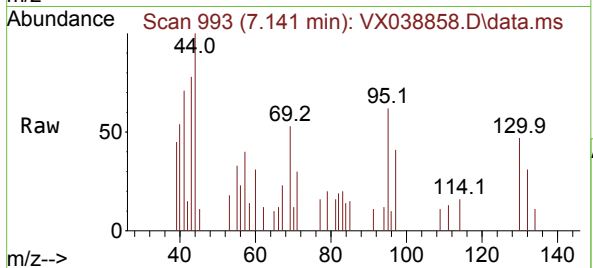




#44
Trichloroethene
Concen: 0.322 ug/l
RT: 7.141 min Scan# 990
Delta R.T. 0.018 min
Lab File: VX038858.D
Acq: 16 Nov 2023 23:13

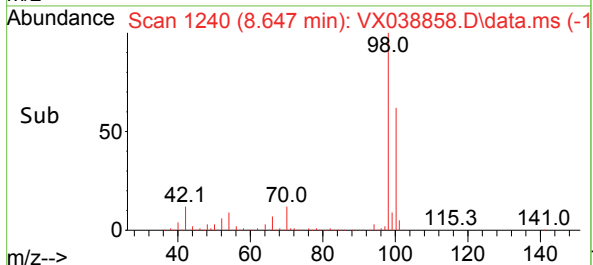
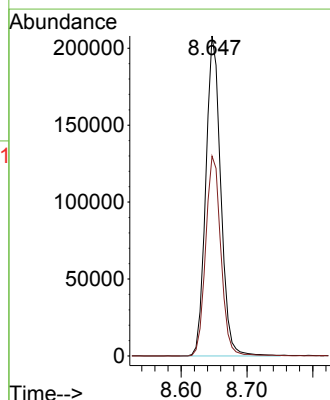
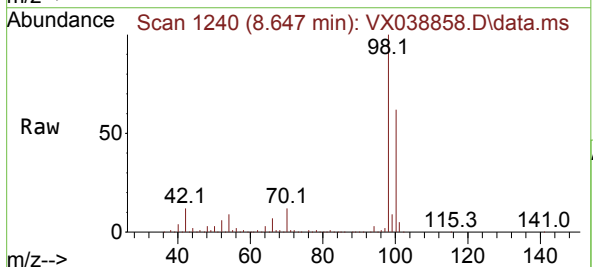
Instrument :
MSVOA_X
ClientSampleId :
RW11-MW01S-20231107

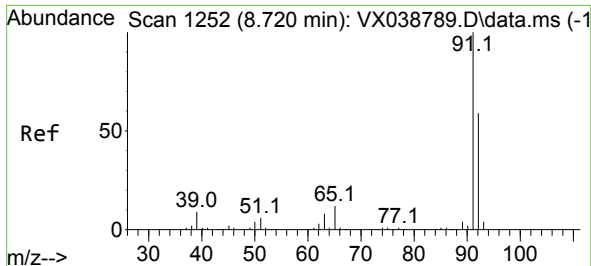
Tgt Ion:130 Resp: 612
Ion Ratio Lower Upper
130 100
95 131.7 0.0 204.4



#50
Toluene-d8
Concen: 46.743 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX038858.D
Acq: 16 Nov 2023 23:13

Tgt Ion: 98 Resp: 329600
Ion Ratio Lower Upper
98 100
100 63.6 53.1 79.7

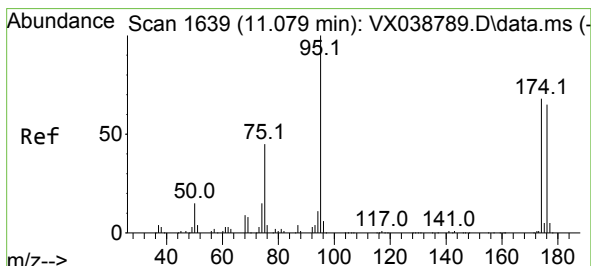
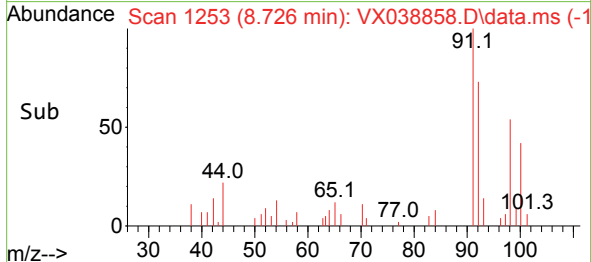
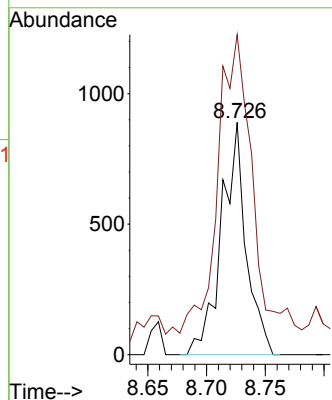
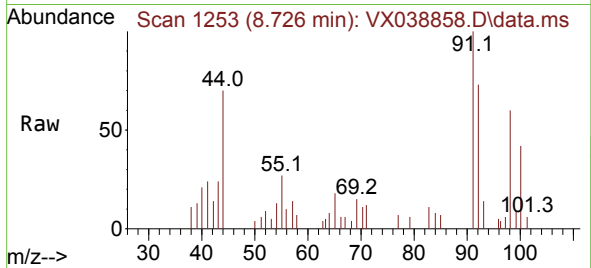




#52
Toluene
Concen: 0.268 ug/l
RT: 8.726 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX038858.D
Acq: 16 Nov 2023 23:13

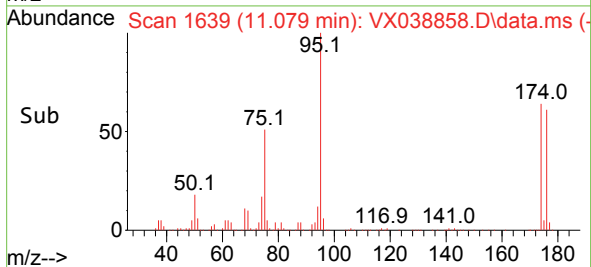
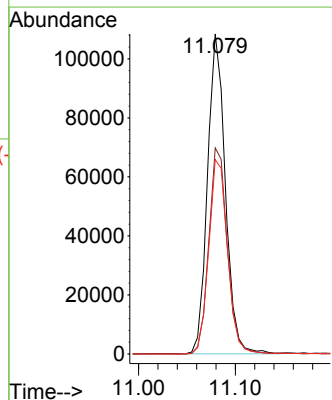
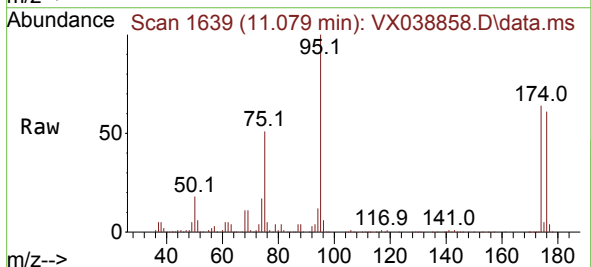
Instrument :
MSVOA_X
ClientSampleId :
RW11-MW01S-20231107

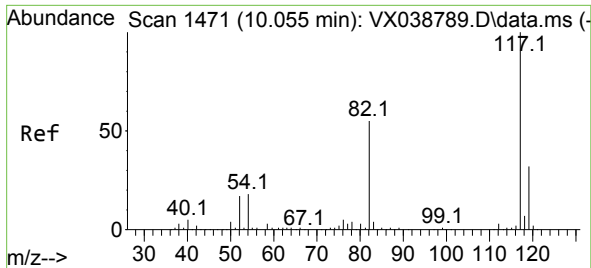
Tgt Ion: 92 Resp: 1298
Ion Ratio Lower Upper
92 100
91 194.6 134.2 201.2



#62
4-Bromofluorobenzene
Concen: 49.099 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038858.D
Acq: 16 Nov 2023 23:13

Tgt Ion: 95 Resp: 138593
Ion Ratio Lower Upper
95 100
174 67.1 0.0 135.6
176 63.9 0.0 131.0

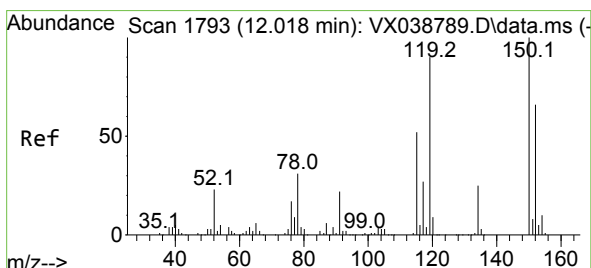
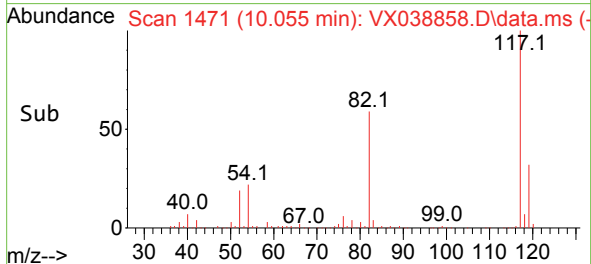
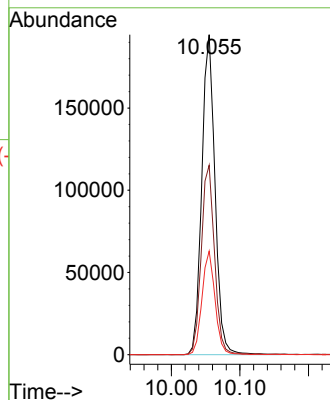
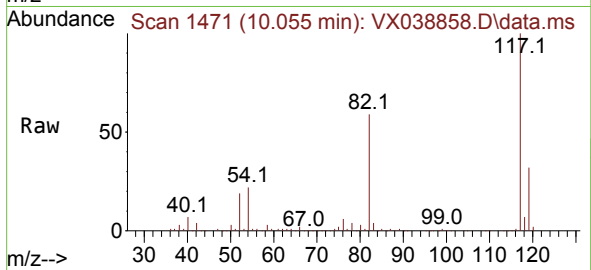




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038858.D
Acq: 16 Nov 2023 23:13

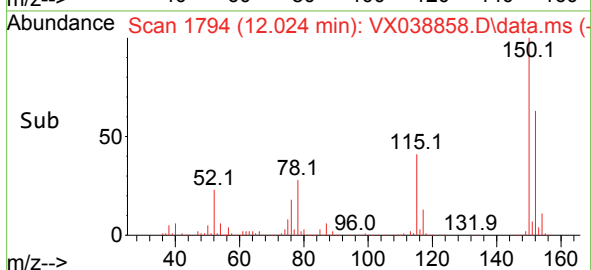
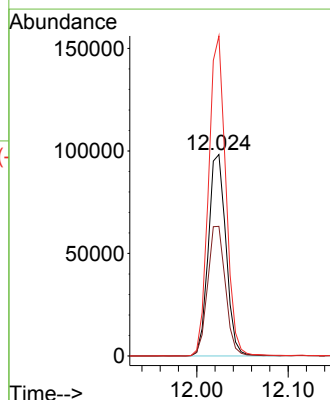
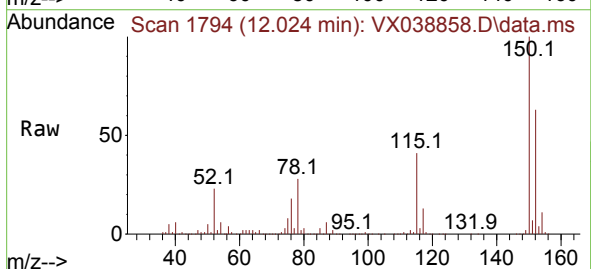
Instrument :
MSVOA_X
ClientSampleId :
RW11-MW01S-20231107

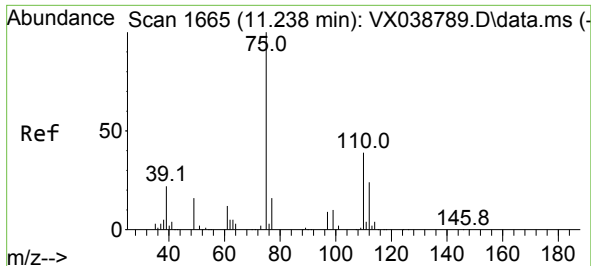
Tgt Ion:117 Resp: 261509
Ion Ratio Lower Upper
117 100
82 59.1 46.2 69.4
119 32.4 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX038858.D
Acq: 16 Nov 2023 23:13

Tgt Ion:152 Resp: 131142
Ion Ratio Lower Upper
152 100
115 65.3 43.3 129.9
150 155.5 0.0 345.0

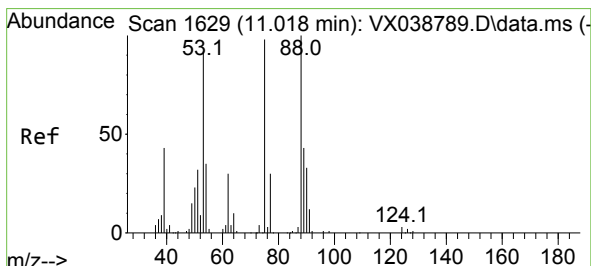
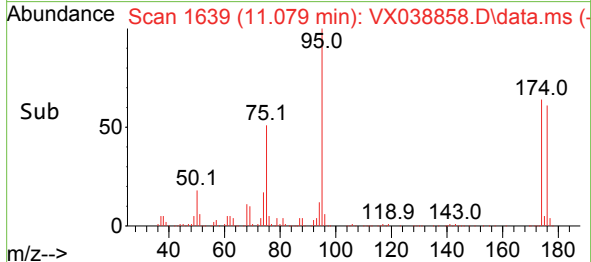
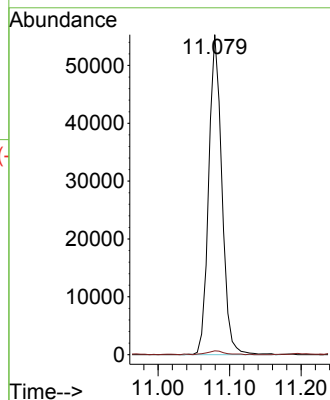
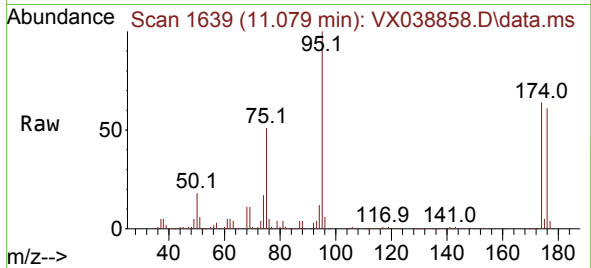




#76
1,2,3-Trichloropropane
Concen: 21.631 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX038858.D
Acq: 16 Nov 2023 23:13

Instrument :
MSVOA_X
ClientSampleId :
RW11-MW01S-20231107

Tgt Ion: 75 Resp: 70777
Ion Ratio Lower Upper
75 100
77 1.7 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 47.980 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX038858.D
Acq: 16 Nov 2023 23:13

Tgt Ion: 75 Resp: 70777
Ion Ratio Lower Upper
75 100
53 0.2 90.5 135.7#
89 0.2 36.9 55.3#

