

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112222\
 Data File : VX032998.D
 Acq On : 22 Nov 2022 22:59
 Operator : JC/MD
 Sample : N5730-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT158S1-20221118

Quant Time: Nov 23 05:51:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 22 13:58:46 2022
 Response via : Initial Calibration

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

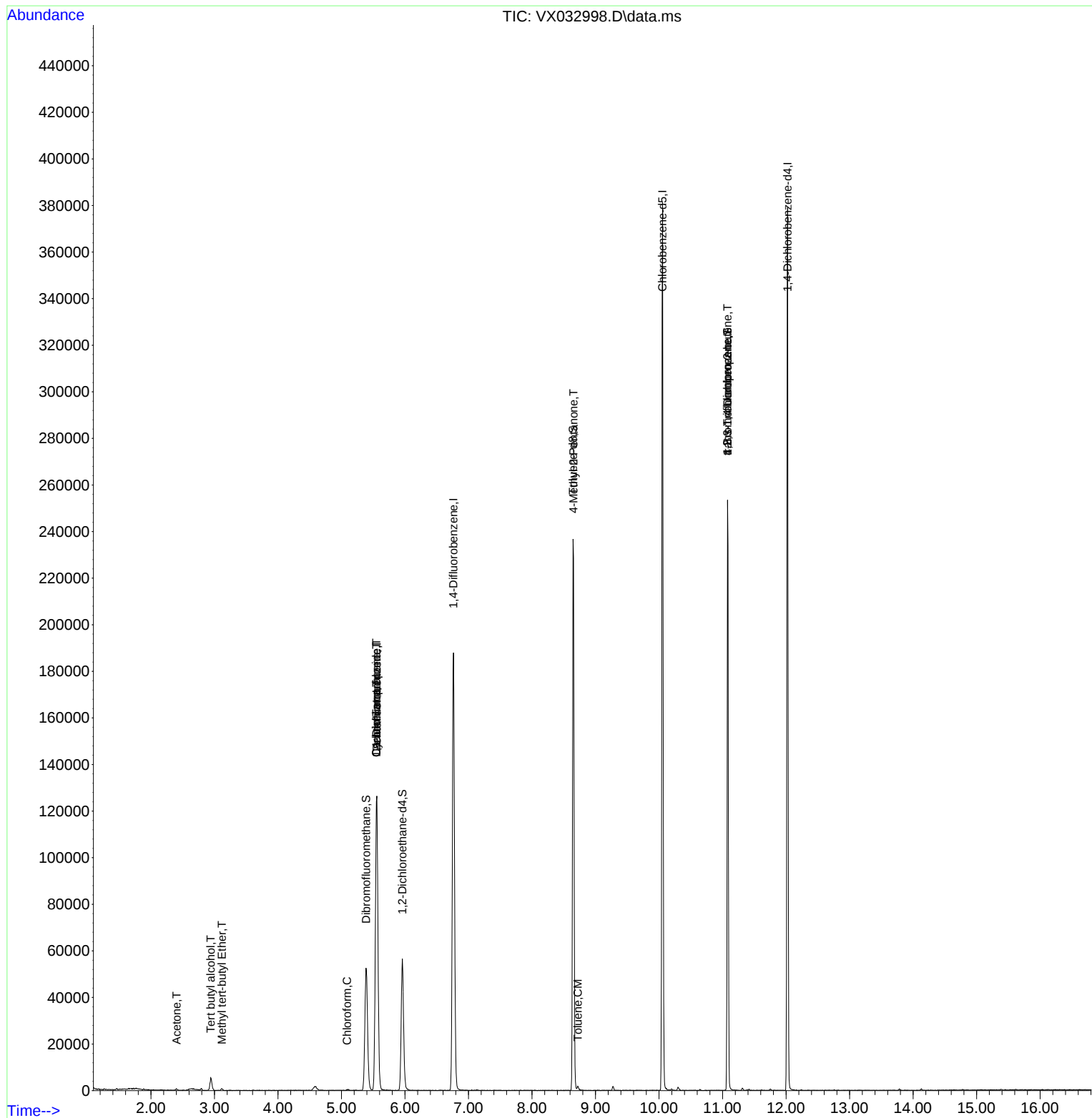
Internal Standards						
1) Pentafluorobenzene	5.556	168	119587	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	192335	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	168737	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	76777	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	56101	47.876	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	95.760%		
35) Dibromofluoromethane	5.385	113	46609	42.985	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	85.960%		
50) Toluene-d8	8.647	98	140446	42.735	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	85.480%#		
62) 4-Bromofluorobenzene	11.079	95	63692	44.716	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	89.440%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.940	59	2930	15.871	ug/l #	72
16) Acetone	2.404	43	952	1.750	ug/l #	80
19) Methyl tert-butyl Ether	3.117	73	832	0.230	ug/l	95
20) Methylene Chloride	2.788	84	362	Below Cal	#	58
30) Chloroform	5.086	83	508	0.216	ug/l #	83
31) Cyclohexane	5.550	56	2619	1.388	ug/l #	22
36) 1,1-Dichloropropene	5.550	75	9584	5.528	ug/l #	49
38) Carbon Tetrachloride	5.550	117	12415	6.455	ug/l #	15
51) 4-Methyl-2-Pentanone	8.653	43	630	0.408	ug/l #	1
52) Toluene	8.720	92	646	0.202	ug/l	90
76) 1,2,3-Trichloropropane	11.079	75	34651	23.831	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	34651	77.462	ug/l #	6

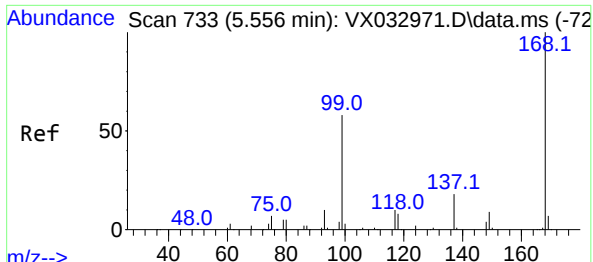
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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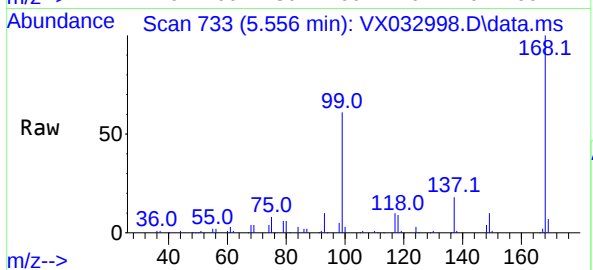
Quant Time: Nov 23 05:51:57 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
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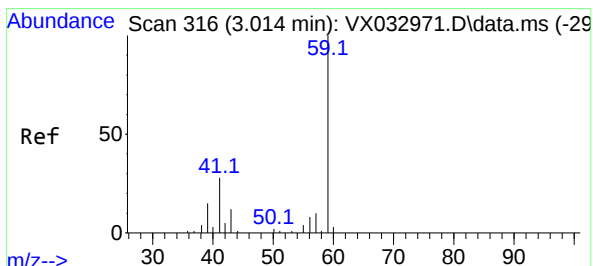
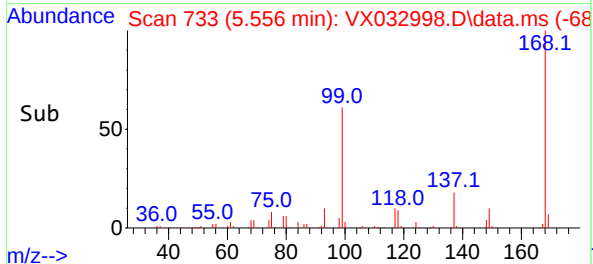
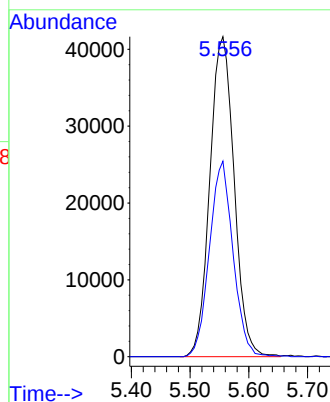


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032998.D
Acq: 22 Nov 2022 22:59

Instrument :
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ClientSampleId :
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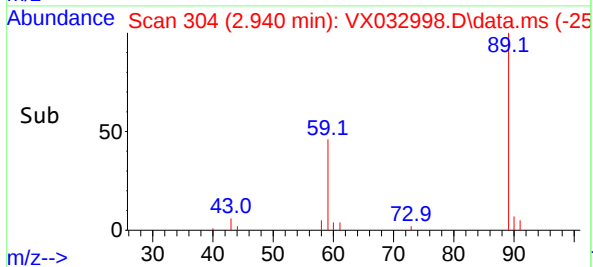
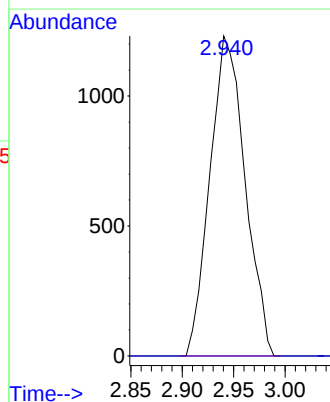
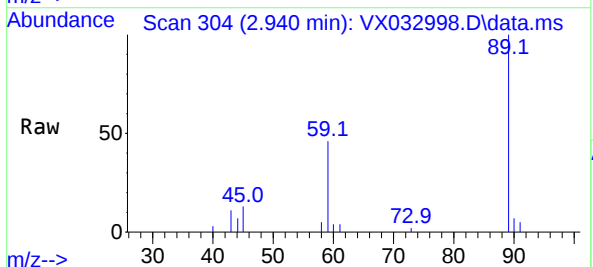


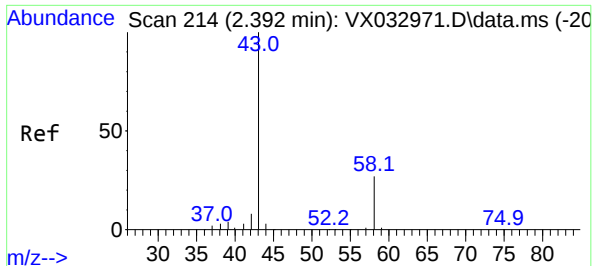
Tgt Ion:168 Resp: 119587
Ion Ratio Lower Upper
168 100
99 61.1 46.1 69.1



#11
Tert butyl alcohol
Concen: 15.871 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.025 min
Lab File: VX032998.D
Acq: 22 Nov 2022 22:59

Tgt Ion: 59 Resp: 2930
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

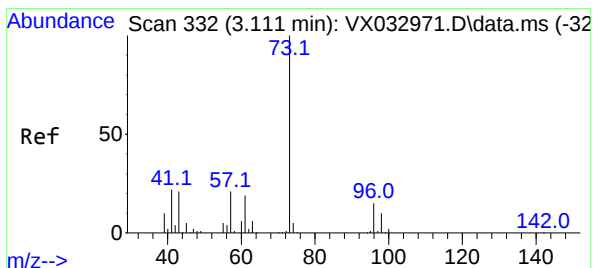
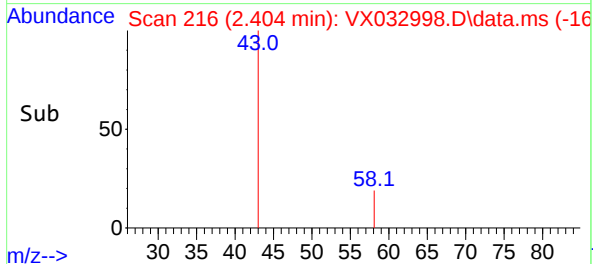
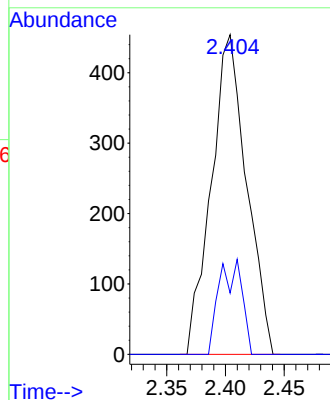
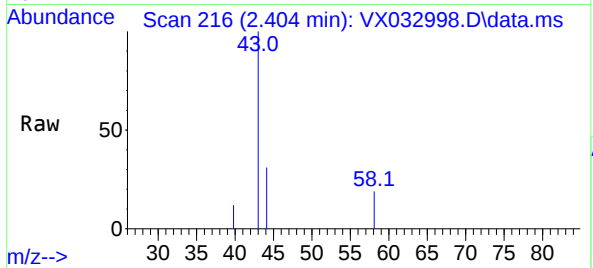




#16
Acetone
Concen: 1.750 ug/l
RT: 2.404 min Scan# 214
Delta R.T. 0.024 min
Lab File: VX032998.D
Acq: 22 Nov 2022 22:59

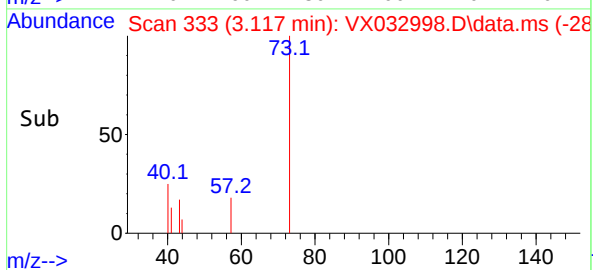
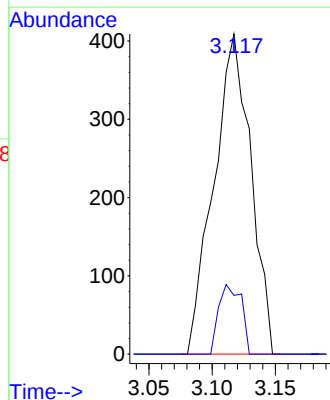
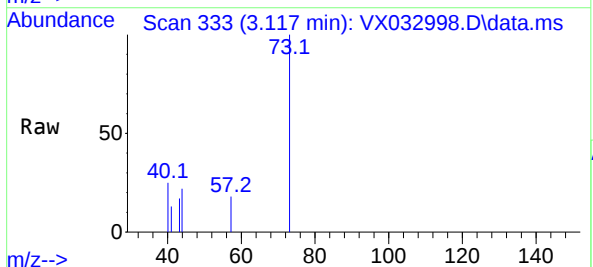
Instrument :
MSVOA_X
ClientSampleId :
TT158S1-20221118

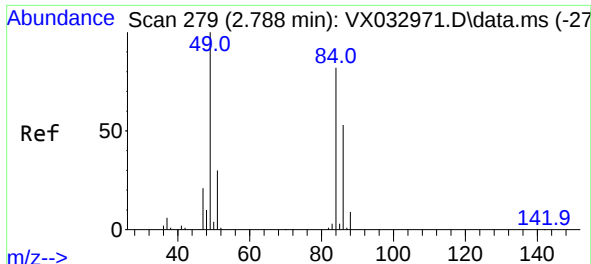
Tgt Ion: 43 Resp: 952
Ion Ratio Lower Upper
43 100
58 19.2 23.8 35.8#



#19
Methyl tert-butyl Ether
Concen: 0.230 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.006 min
Lab File: VX032998.D
Acq: 22 Nov 2022 22:59

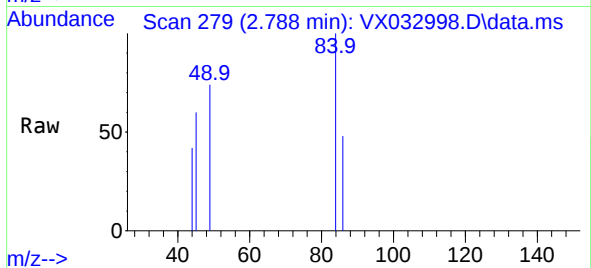
Tgt Ion: 73 Resp: 832
Ion Ratio Lower Upper
73 100
57 18.3 16.6 25.0





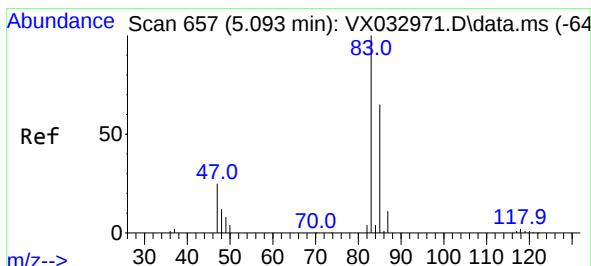
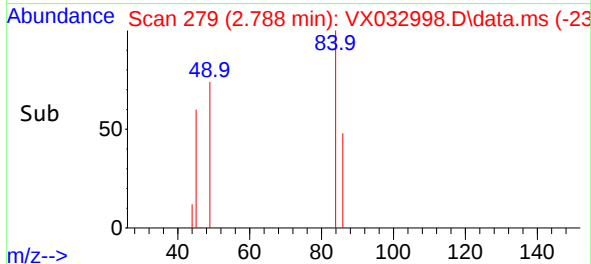
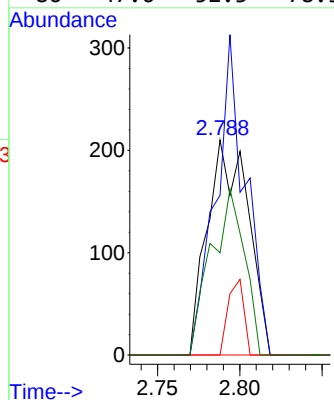
#20
Methylene Chloride
Concen: Below Cal
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX032998.D
Acq: 22 Nov 2022 22:59

Instrument :
MSVOA_X
ClientSampleId :
TT158S1-20221118



Tgt Ion: 84 Resp: 362

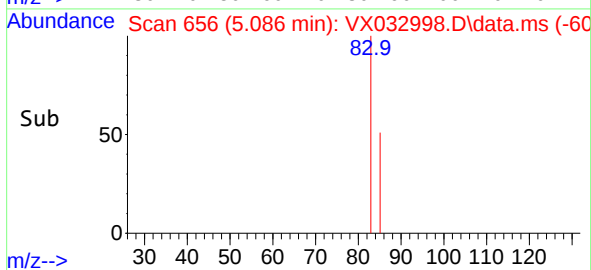
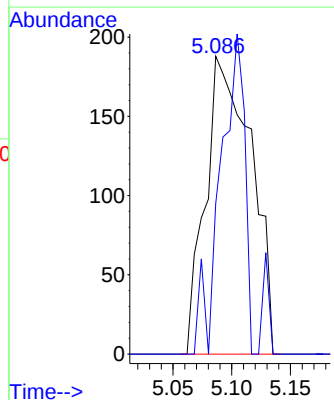
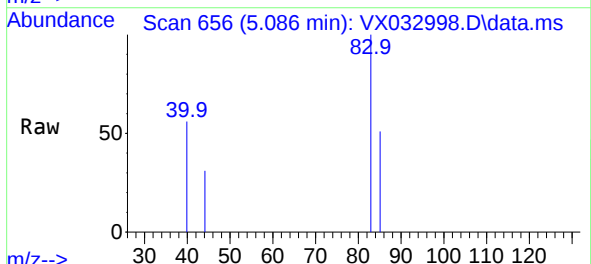
Ion	Ratio	Lower	Upper
84	100		
49	74.3	101.0	151.6#
51	0.0	31.1	46.7#
86	47.6	52.3	78.5#

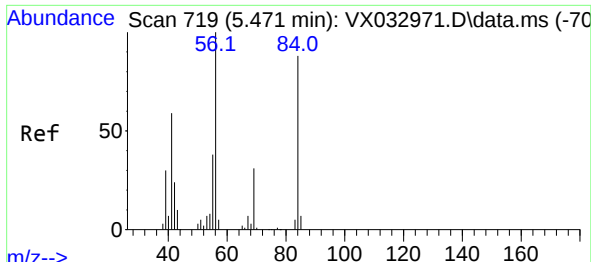


#30
Chloroform
Concen: 0.216 ug/l
RT: 5.086 min Scan# 656
Delta R.T. -0.013 min
Lab File: VX032998.D
Acq: 22 Nov 2022 22:59

Tgt Ion: 83 Resp: 508

Ion	Ratio	Lower	Upper
83	100		
85	50.5	51.1	76.7#





#31
Cyclohexane

Concen: 1.388 ug/l

RT: 5.550 min Scan# 719

Delta R.T. 0.080 min

Lab File: VX032998.D

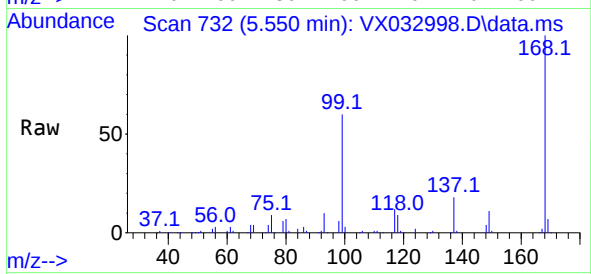
Acq: 22 Nov 2022 22:59

Instrument :

MSVOA_X

ClientSampleId :

TT158S1-20221118



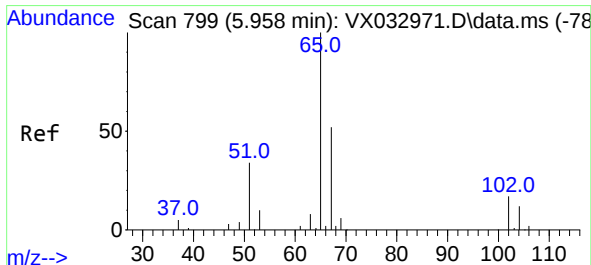
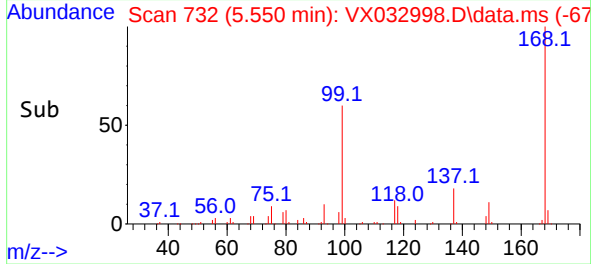
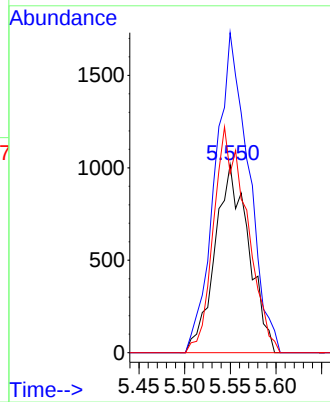
Tgt Ion: 56 Resp: 2619

Ion Ratio Lower Upper

56 100

69 170.2 24.1 36.1#

84 95.3 66.9 100.3



#33

1,2-Dichloroethane-d4

Concen: 47.876 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX032998.D

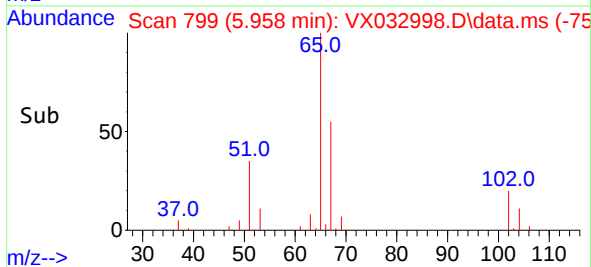
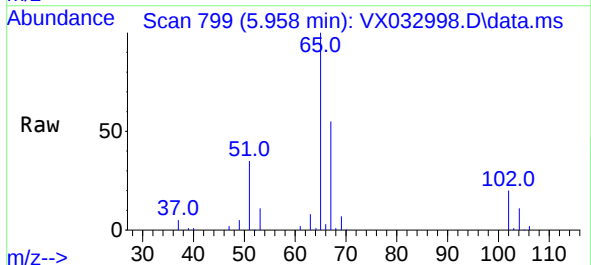
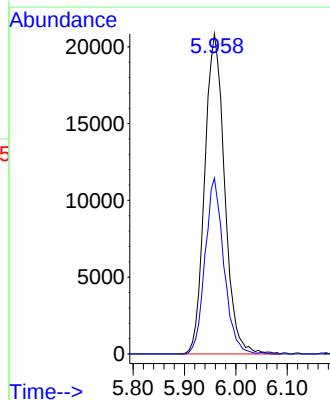
Acq: 22 Nov 2022 22:59

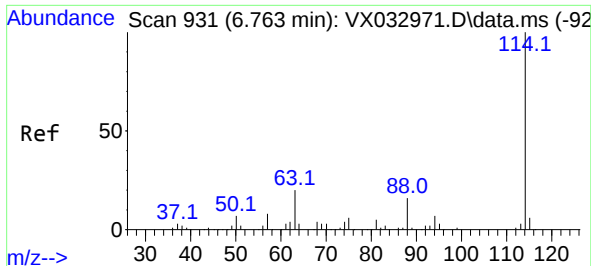
Tgt Ion: 65 Resp: 56101

Ion Ratio Lower Upper

65 100

67 51.7 0.0 101.8

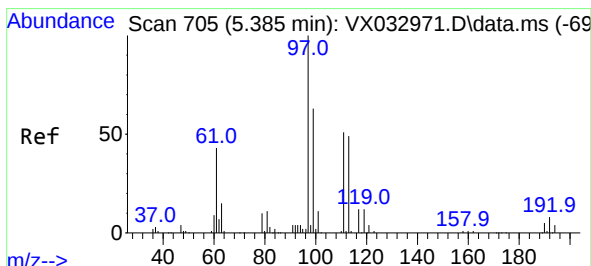
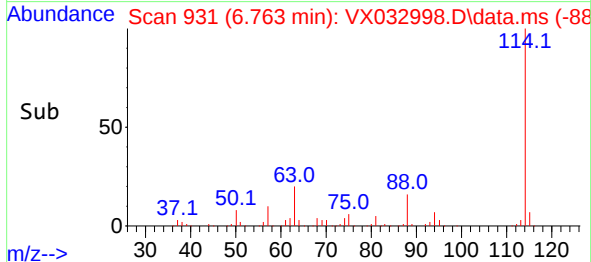
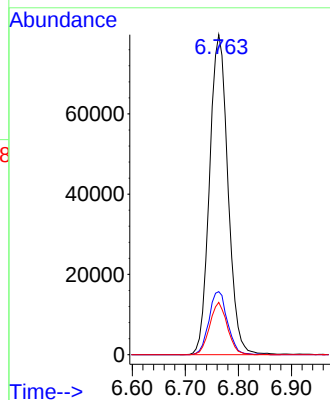
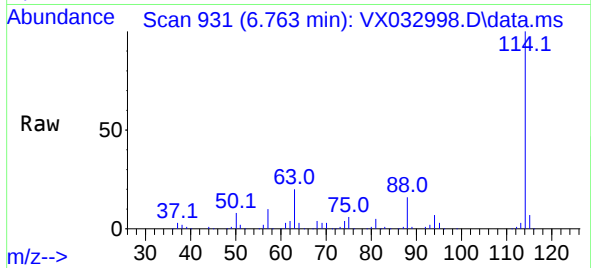




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX032998.D
Acq: 22 Nov 2022 22:59

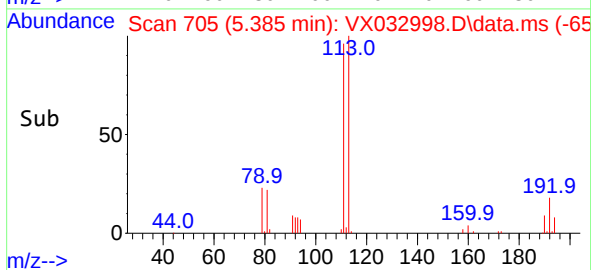
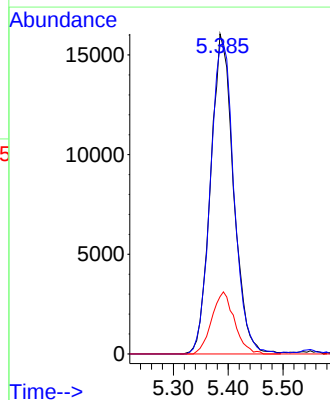
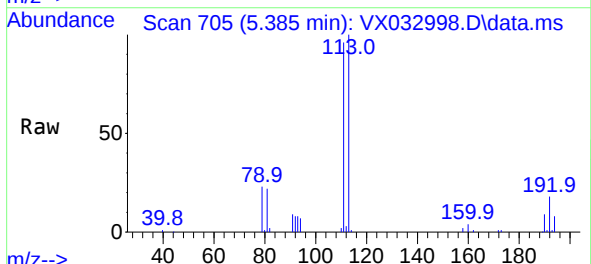
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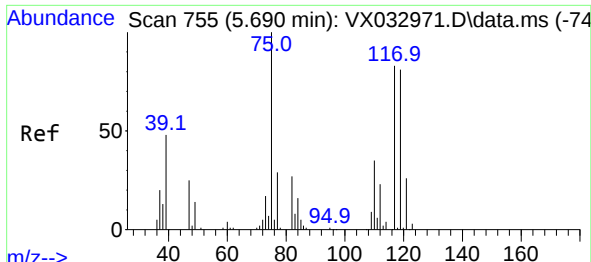
Tgt Ion:114 Resp: 192335
Ion Ratio Lower Upper
114 100
63 19.7 0.0 41.6
88 16.4 0.0 33.4



#35
Dibromofluoromethane
Concen: 42.985 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX032998.D
Acq: 22 Nov 2022 22:59

Tgt Ion:113 Resp: 46609
Ion Ratio Lower Upper
113 100
111 100.5 82.4 123.6
192 19.2 15.4 23.2

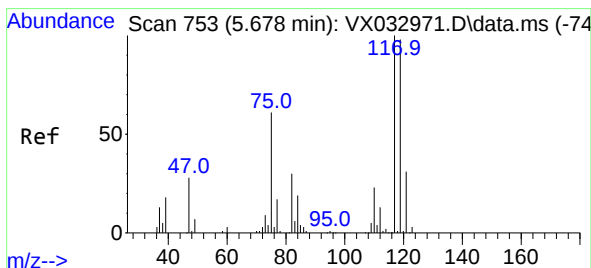
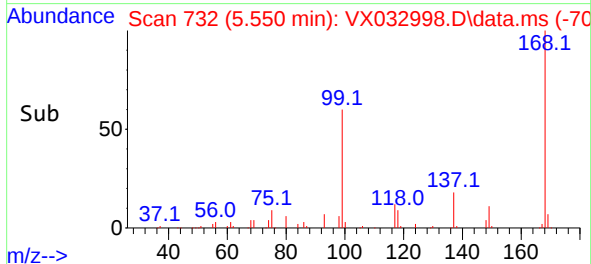
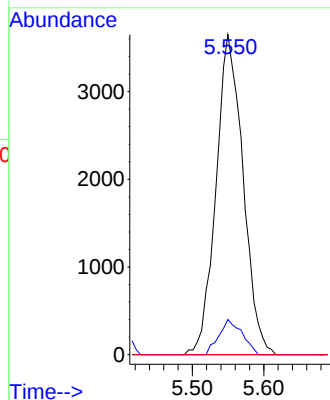
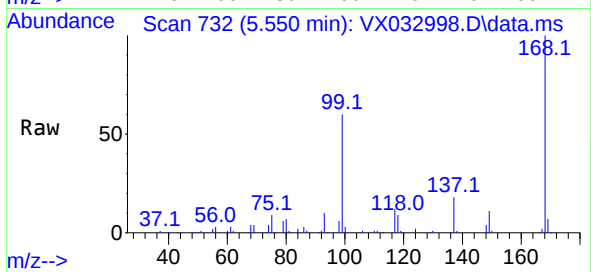




#36
1,1-Dichloropropene
Concen: 5.528 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX032998.D
Acq: 22 Nov 2022 22:59

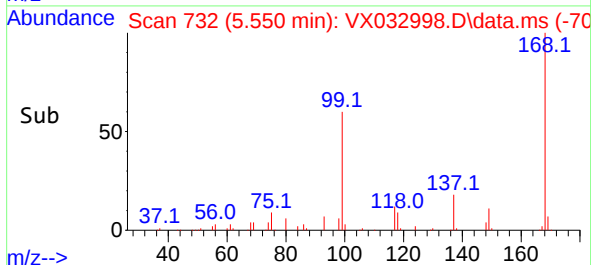
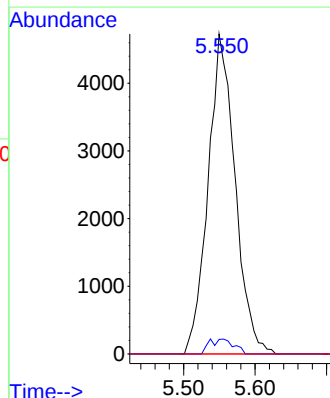
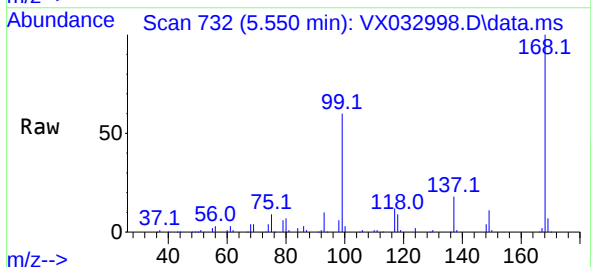
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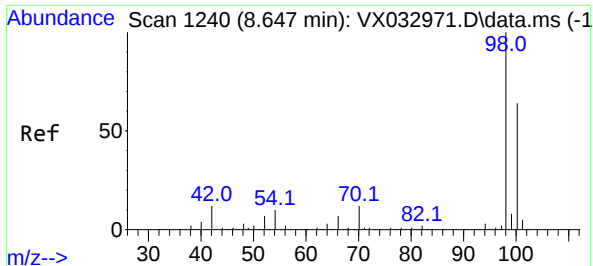
Tgt Ion: 75 Resp: 9584
Ion Ratio Lower Upper
75 100
110 9.4 18.4 55.2#
77 0.0 24.5 36.7#



#38
Carbon Tetrachloride
Concen: 6.455 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.134 min
Lab File: VX032998.D
Acq: 22 Nov 2022 22:59

Tgt Ion: 117 Resp: 12415
Ion Ratio Lower Upper
117 100
119 4.5 77.2 115.8#
121 0.0 25.8 38.6#

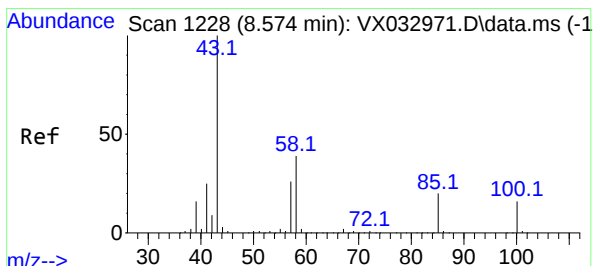
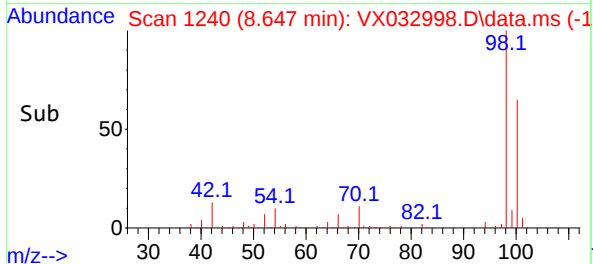
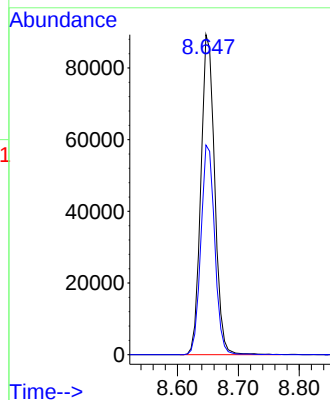
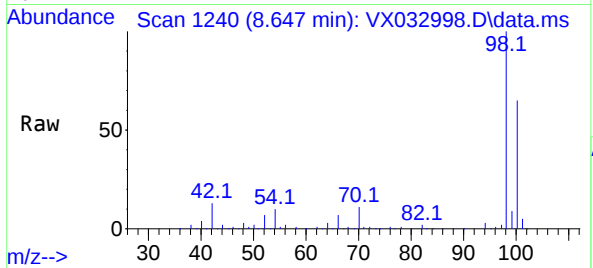




#50
Toluene-d8
Concen: 42.735 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX032998.D
Acq: 22 Nov 2022 22:59

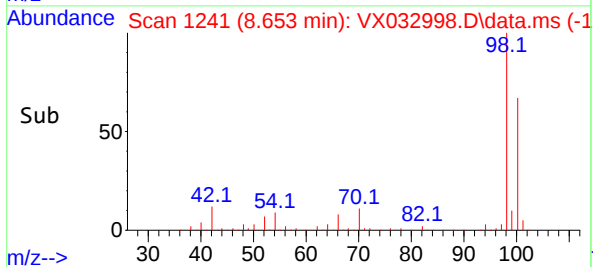
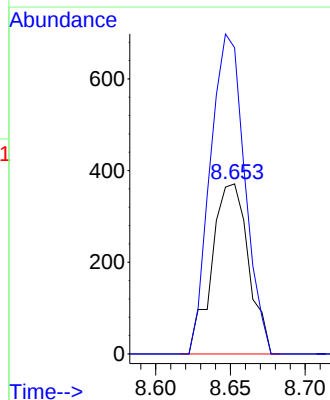
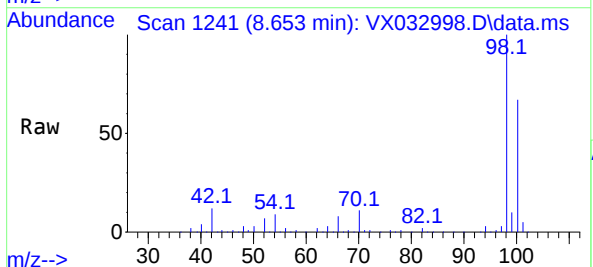
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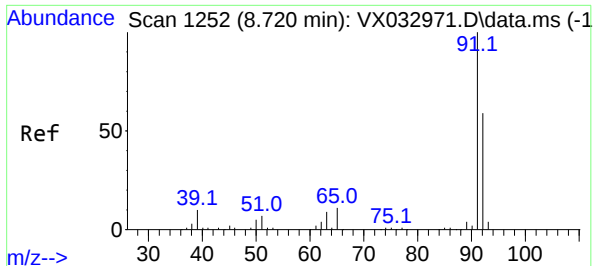
Tgt Ion: 98 Resp: 140446
Ion Ratio Lower Upper
98 100
100 65.7 50.9 76.3



#51
4-Methyl-2-Pentanone
Concen: 0.408 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.079 min
Lab File: VX032998.D
Acq: 22 Nov 2022 22:59

Tgt Ion: 43 Resp: 630
Ion Ratio Lower Upper
43 100
58 177.8 30.9 46.3#





#52

Toluene

Concen: 0.202 ug/l

RT: 8.720 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX032998.D

Acq: 22 Nov 2022 22:59

Instrument :

MSVOA_X

ClientSampleId :

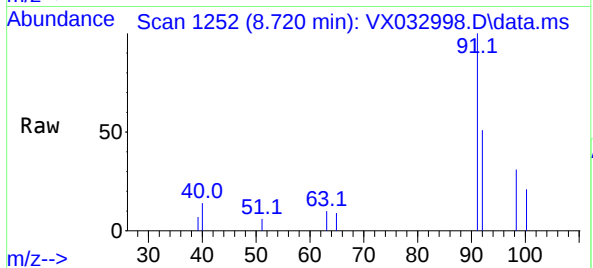
TT158S1-20221118

Tgt Ion: 92 Resp: 646

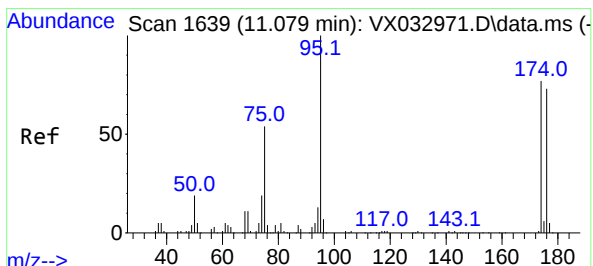
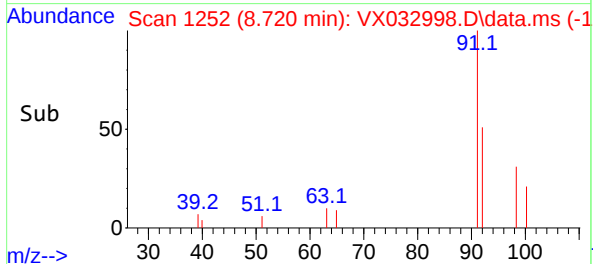
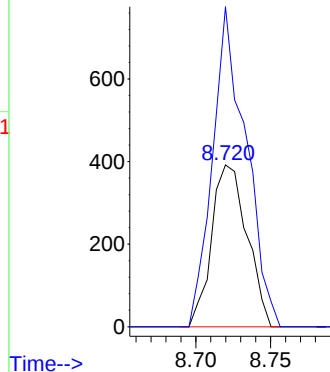
Ion Ratio Lower Upper

92 100

91 186.1 138.3 207.5



Abundance



#62

4-Bromofluorobenzene

Concen: 44.716 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX032998.D

Acq: 22 Nov 2022 22:59

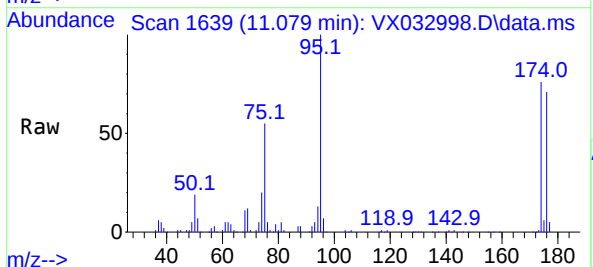
Tgt Ion: 95 Resp: 63692

Ion Ratio Lower Upper

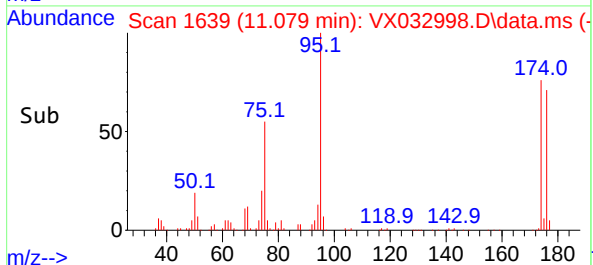
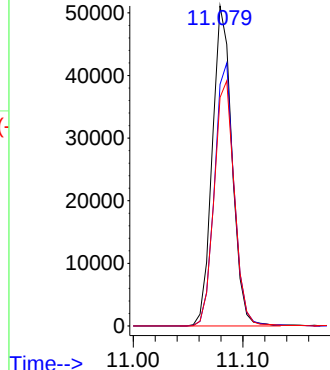
95 100

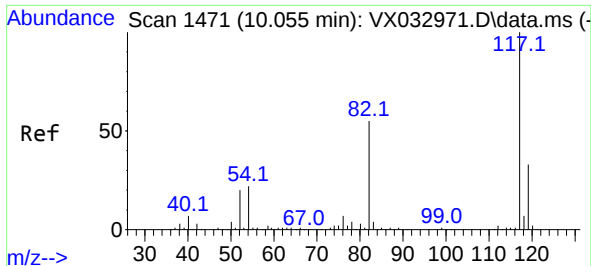
174 81.8 0.0 164.0

176 78.8 0.0 154.4



Abundance

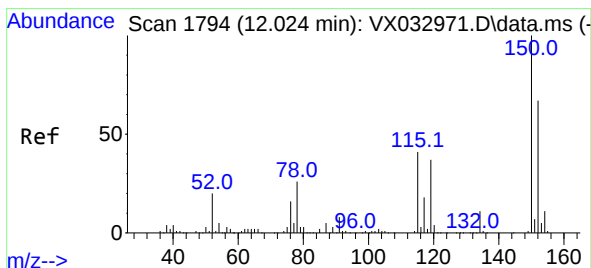
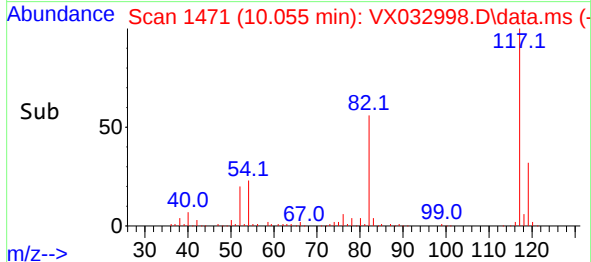
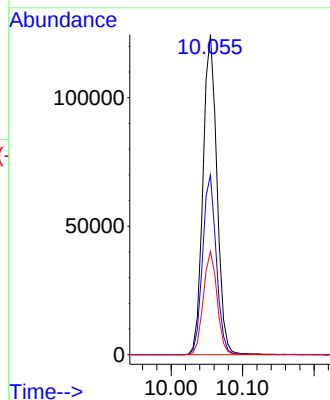
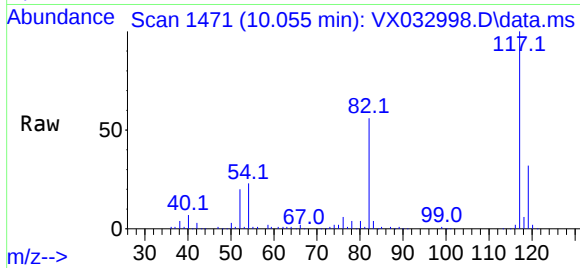




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX032998.D
Acq: 22 Nov 2022 22:59

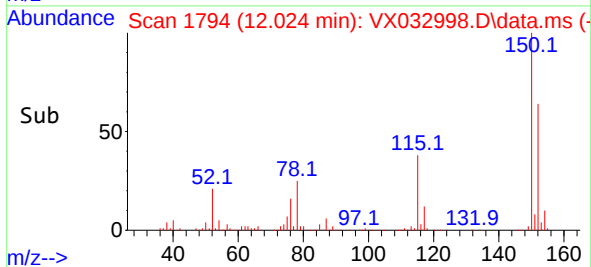
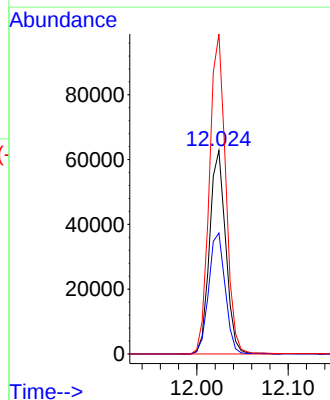
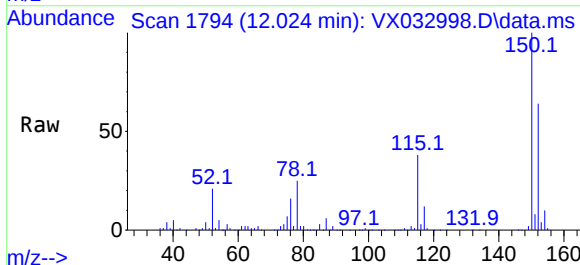
Instrument :
MSVOA_X
ClientSampleId :
TT158S1-20221118

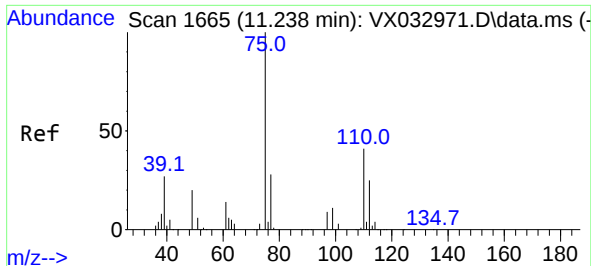
Tgt Ion:117 Resp: 168737
Ion Ratio Lower Upper
117 100
82 56.2 44.3 66.5
119 32.3 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX032998.D
Acq: 22 Nov 2022 22:59

Tgt Ion:152 Resp: 76777
Ion Ratio Lower Upper
152 100
115 60.8 44.0 132.0
150 159.0 0.0 351.8

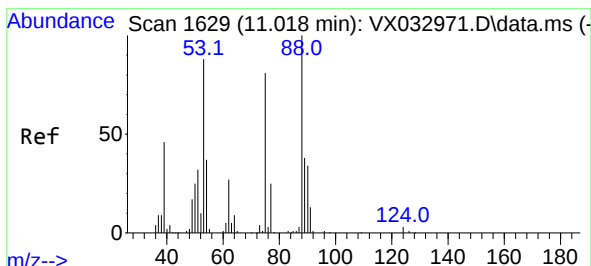
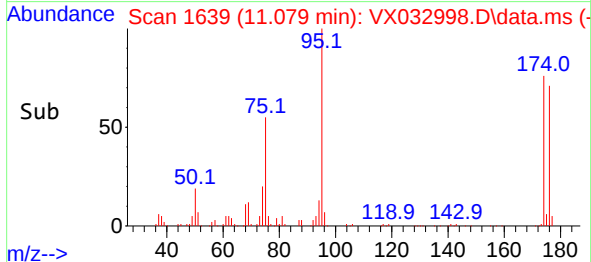
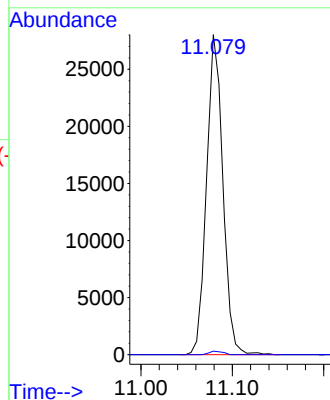
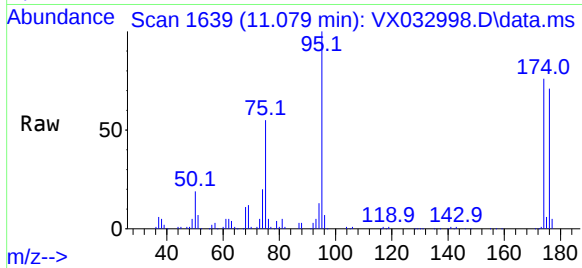




#76
1,2,3-Trichloropropane
Concen: 23.831 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX032998.D
Acq: 22 Nov 2022 22:59

Instrument :
MSVOA_X
ClientSampleId :
TT158S1-20221118

Tgt Ion: 75 Resp: 34651
Ion Ratio Lower Upper
75 100
77 0.9 20.0 60.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 77.462 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX032998.D
Acq: 22 Nov 2022 22:59

Tgt Ion: 75 Resp: 34651
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.0 38.3 57.5#

