

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111022\
 Data File : VX032731.D
 Acq On : 10 Nov 2022 16:20
 Operator : JC/MD
 Sample : N5551-12RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-18E

Quant Time: Nov 11 00:37:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

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

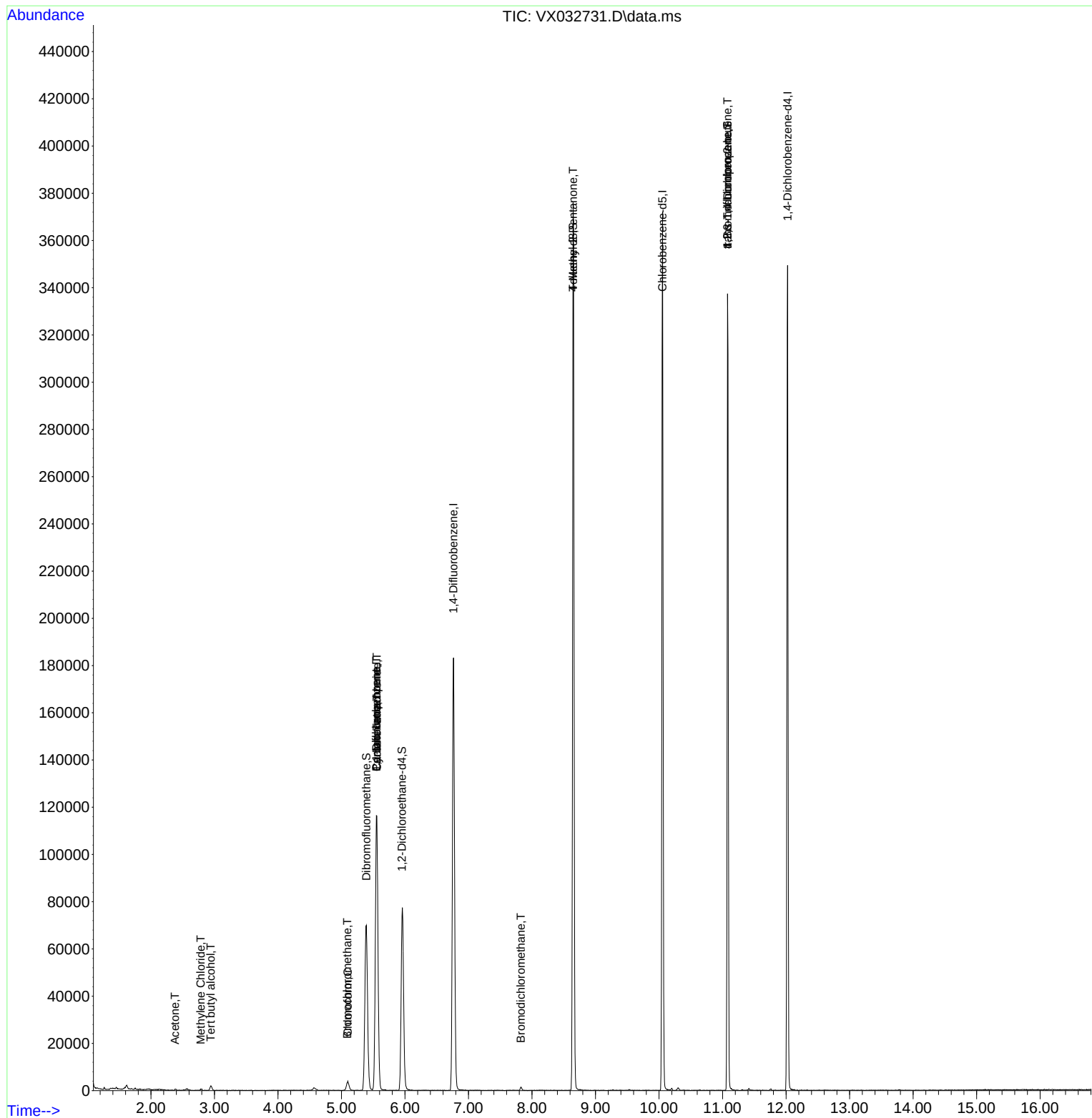
Internal Standards						
1) Pentafluorobenzene	5.550	168	111459	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	183875	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	159310	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	73475	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	78337	50.583	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.160%			
35) Dibromofluoromethane	5.391	113	60122	45.839	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 91.680%			
50) Toluene-d8	8.647	98	225328	49.406	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 98.820%			
62) 4-Bromofluorobenzene	11.079	95	84622	47.500	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 95.000%			
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.940	59	1295	5.745	ug/l #	72
16) Acetone	2.380	43	543	0.965	ug/l #	45
20) Methylene Chloride	2.782	84	263	0.204	ug/l #	62
28) Bromochloromethane	5.093	49	283	0.358	ug/l #	9
30) Chloroform	5.099	83	4686	1.926	ug/l	88
31) Cyclohexane	5.556	56	2504	1.334	ug/l #	35
36) 1,1-Dichloropropene	5.550	75	8873	4.858	ug/l #	50
38) Carbon Tetrachloride	5.556	117	11474	5.664	ug/l #	15
47) Bromodichloromethane	7.824	83	1144	0.593	ug/l #	71
51) 4-Methyl-2-Pentanone	8.647	43	1155	0.628	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	46334	28.345	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	46334	90.195	ug/l #	6

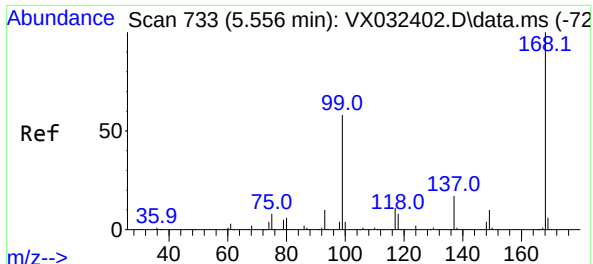
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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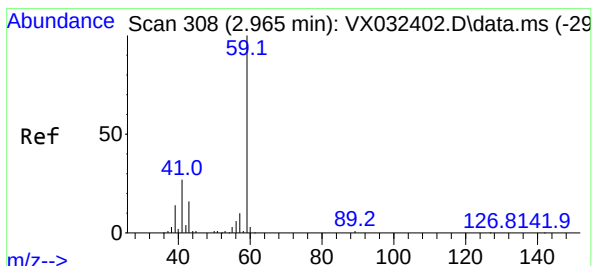
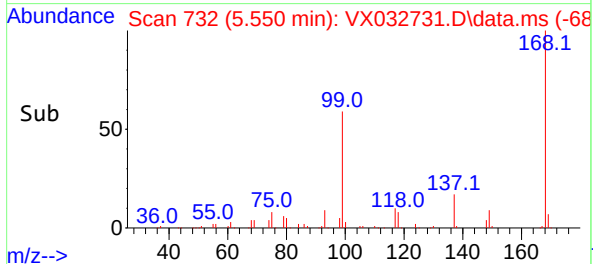
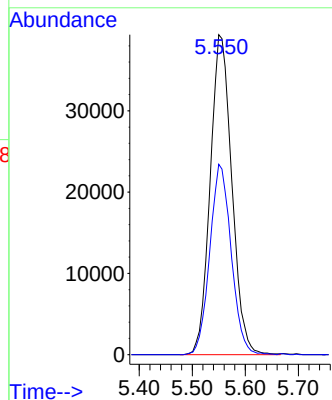
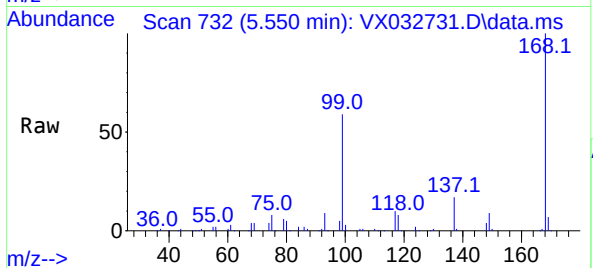




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX032731.D
Acq: 10 Nov 2022 16:20

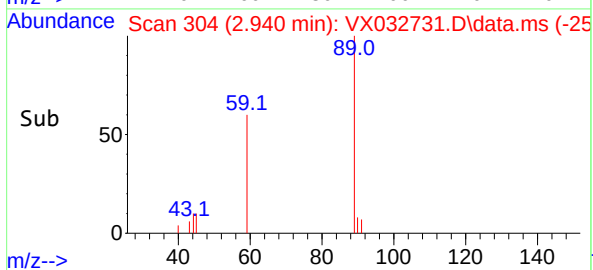
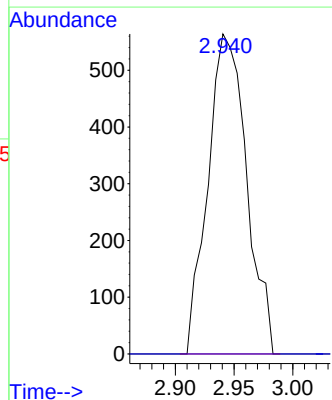
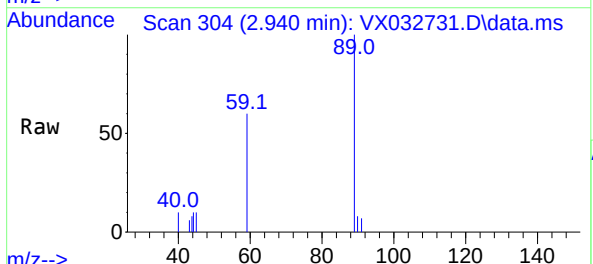
Instrument :
MSVOA_X
ClientSampleId :
MW-18E

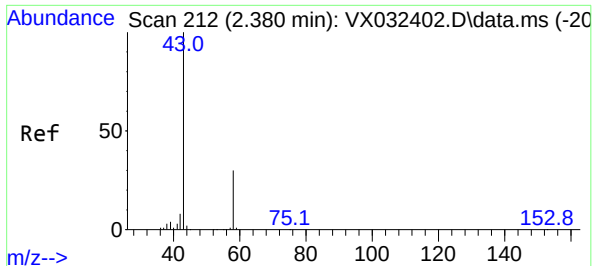
Tgt Ion:168 Resp: 111459
Ion Ratio Lower Upper
168 100
99 59.5 46.1 69.1



#11
Tert butyl alcohol
Concen: 5.745 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.024 min
Lab File: VX032731.D
Acq: 10 Nov 2022 16:20

Tgt Ion: 59 Resp: 1295
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

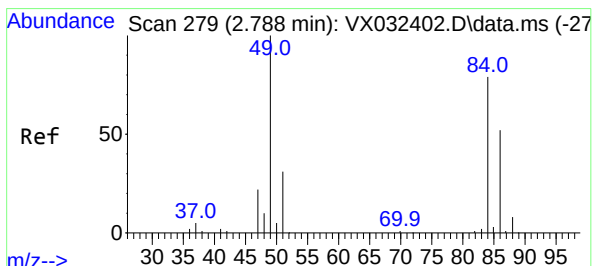
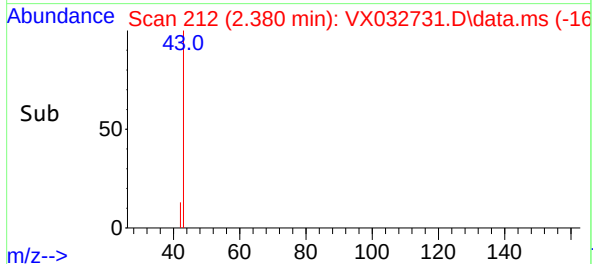
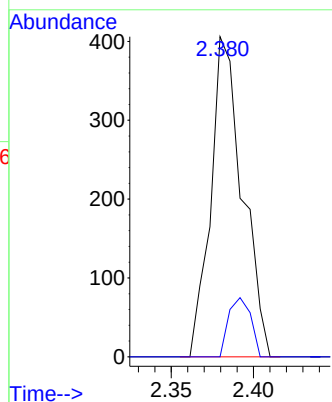
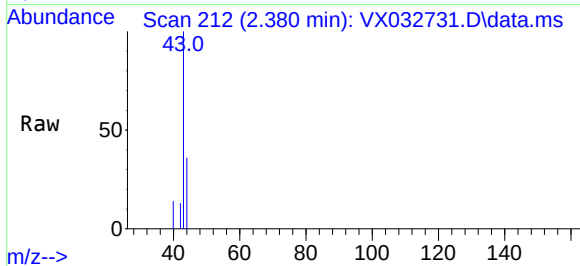




#16
Acetone
Concen: 0.965 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX032731.D
Acq: 10 Nov 2022 16:20

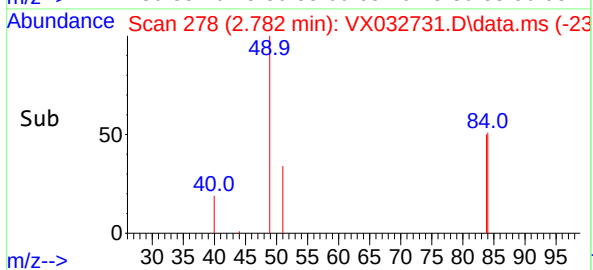
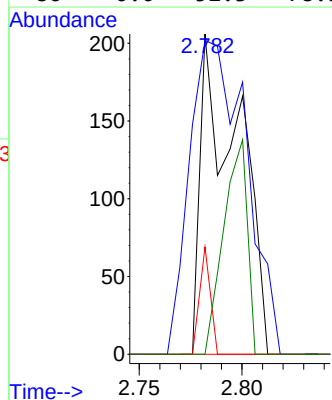
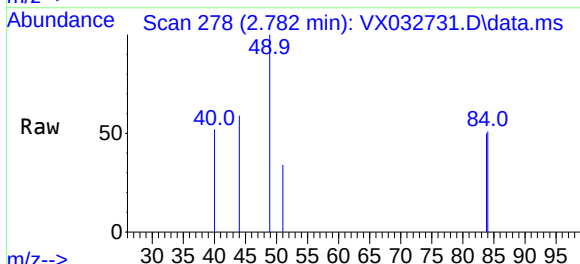
Instrument :
MSVOA_X
ClientSampleId :
MW-18E

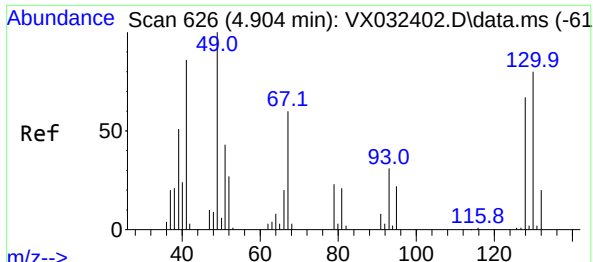
Tgt Ion: 43 Resp: 543
Ion Ratio Lower Upper
43 100
58 0.0 23.8 35.8#



#20
Methylene Chloride
Concen: 0.204 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX032731.D
Acq: 10 Nov 2022 16:20

Tgt Ion: 84 Resp: 263
Ion Ratio Lower Upper
84 100
49 98.1 101.0 151.6#
51 33.5 31.1 46.7
86 0.0 52.3 78.5#

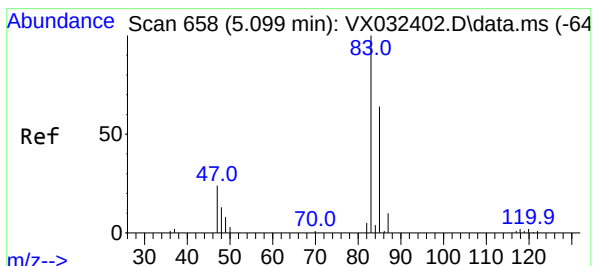
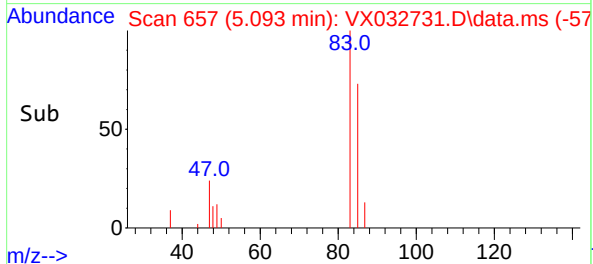
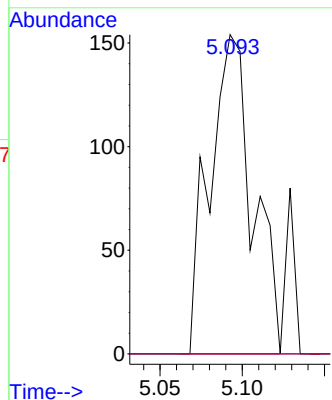
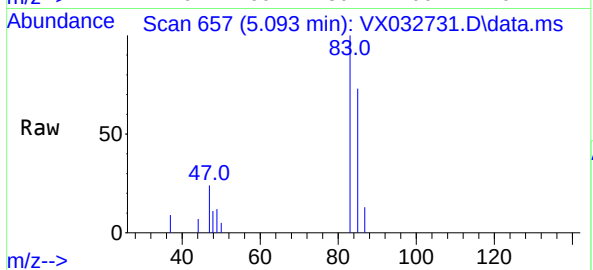




#28
Bromochloromethane
Concen: 0.358 ug/l
RT: 5.093 min Scan# 61
Delta R.T. 0.189 min
Lab File: VX032731.D
Acq: 10 Nov 2022 16:20

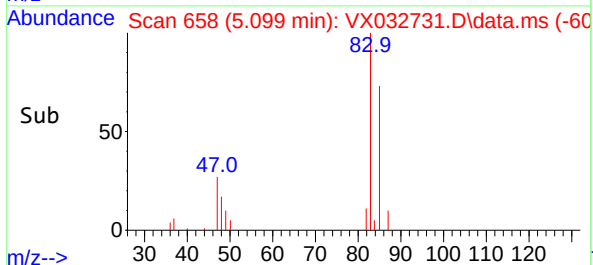
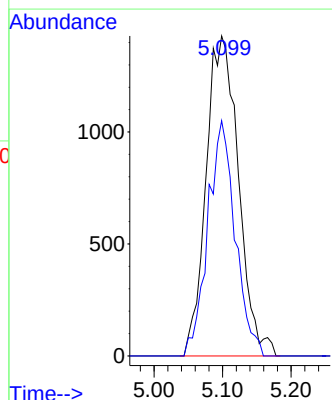
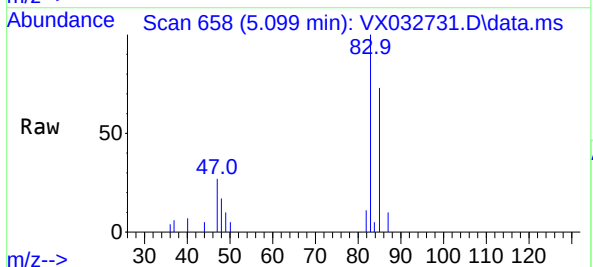
Instrument :
MSVOA_X
ClientSampleId :
MW-18E

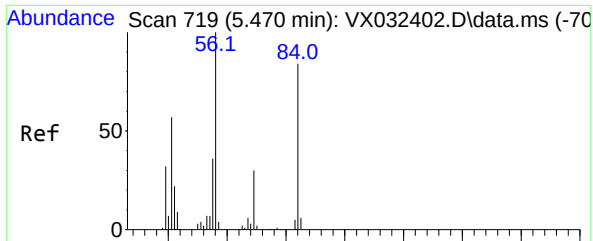
Tgt Ion: 49 Resp: 283
Ion Ratio Lower Upper
49 100
129 0.0 0.0 3.8
130 0.0 67.5 101.3#



#30
Chloroform
Concen: 1.926 ug/l
RT: 5.099 min Scan# 658
Delta R.T. 0.000 min
Lab File: VX032731.D
Acq: 10 Nov 2022 16:20

Tgt Ion: 83 Resp: 4686
Ion Ratio Lower Upper
83 100
85 73.5 51.1 76.7

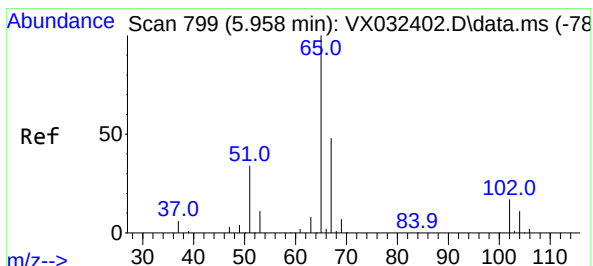
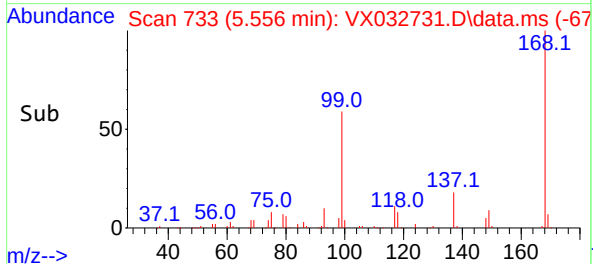
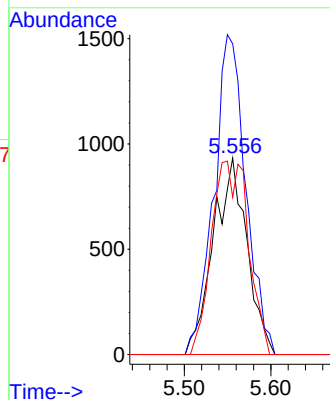
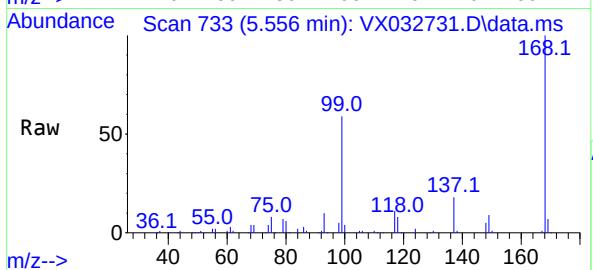




#31
Cyclohexane
Concen: 1.334 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX032731.D
Acq: 10 Nov 2022 16:20

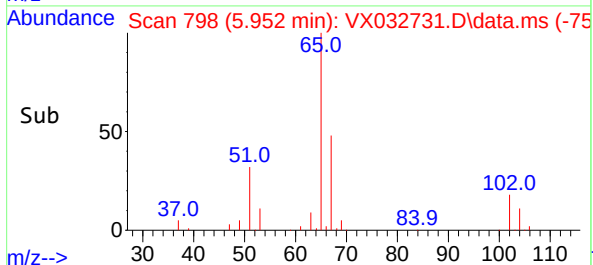
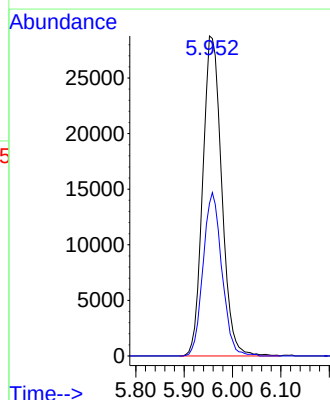
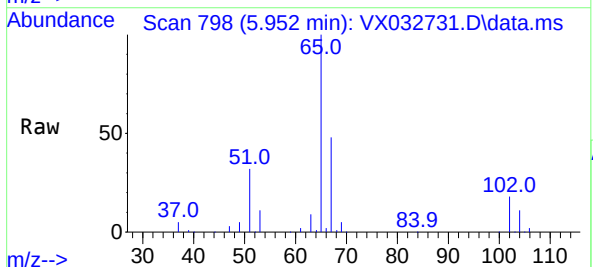
Instrument :
MSVOA_X
ClientSampleId :
MW-18E

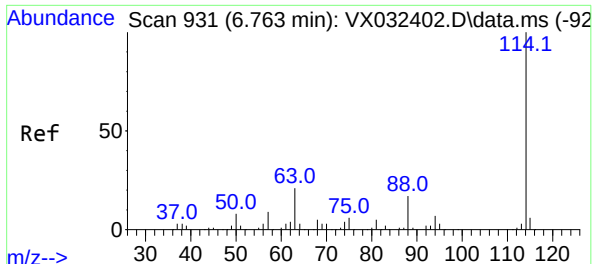
Tgt Ion: 56 Resp: 2504
Ion Ratio Lower Upper
56 100
69 158.2 24.1 36.1#
84 80.1 66.9 100.3



#33
1,2-Dichloroethane-d4
Concen: 50.583 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX032731.D
Acq: 10 Nov 2022 16:20

Tgt Ion: 65 Resp: 78337
Ion Ratio Lower Upper
65 100
67 50.6 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: VX032731.D

Acq: 10 Nov 2022 16:20

Instrument :

MSVOA_X

ClientSampleId :

MW-18E

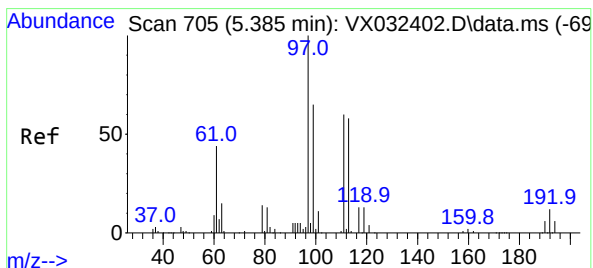
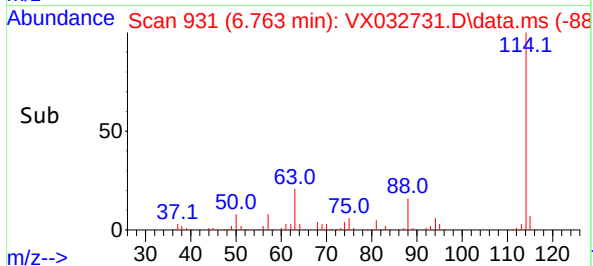
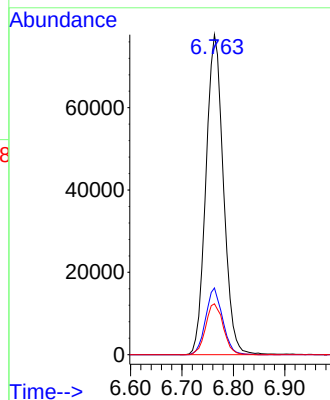
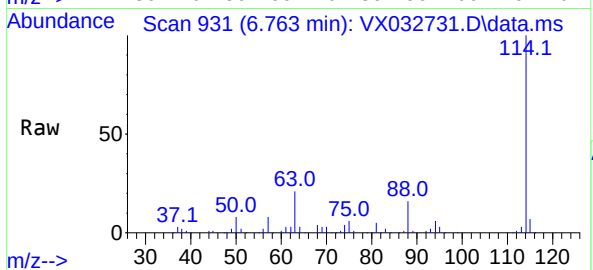
Tgt Ion:114 Resp: 183875

Ion Ratio Lower Upper

114 100

63 20.9 0.0 41.6

88 15.9 0.0 33.4



#35

Dibromofluoromethane

Concen: 45.839 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.006 min

Lab File: VX032731.D

Acq: 10 Nov 2022 16:20

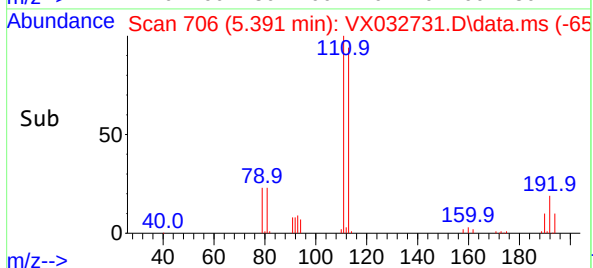
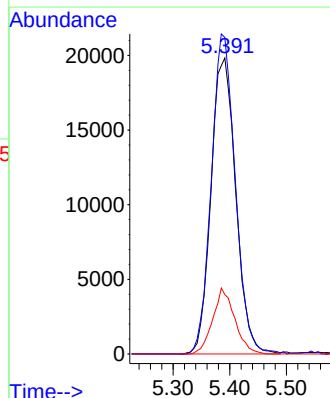
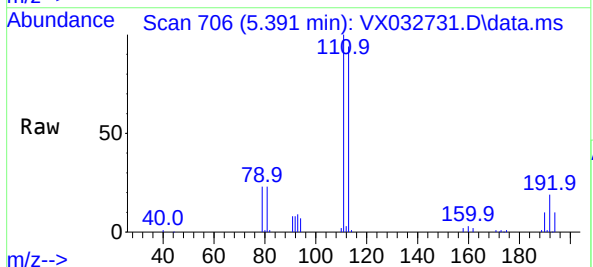
Tgt Ion:113 Resp: 60122

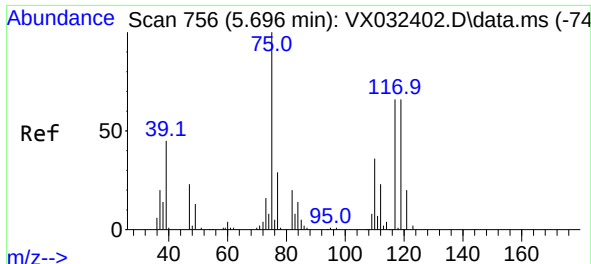
Ion Ratio Lower Upper

113 100

111 104.5 82.4 123.6

192 19.7 15.4 23.2

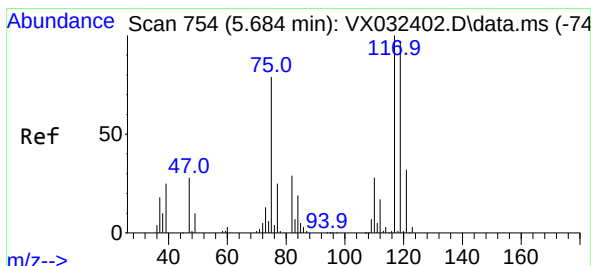
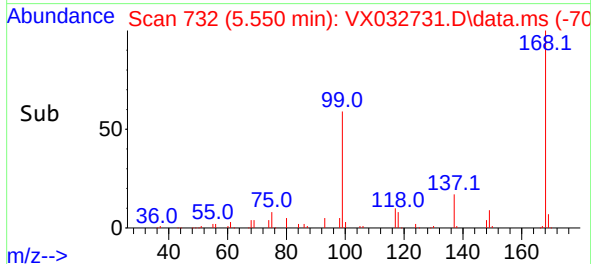
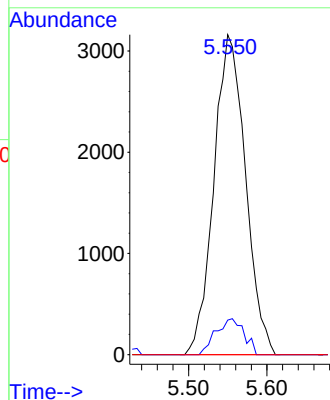
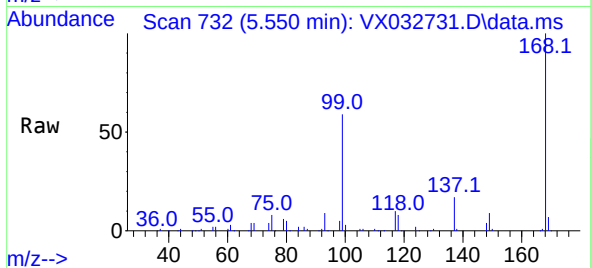




#36
1,1-Dichloropropene
Concen: 4.858 ug/l
RT: 5.550 min Scan# 713
Delta R.T. -0.146 min
Lab File: VX032731.D
Acq: 10 Nov 2022 16:20

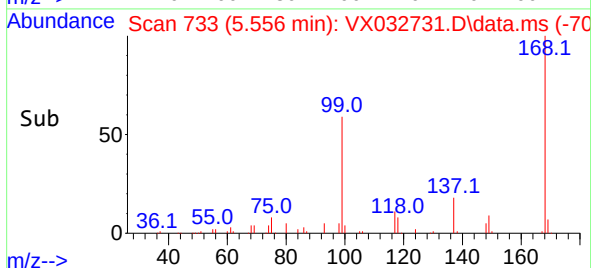
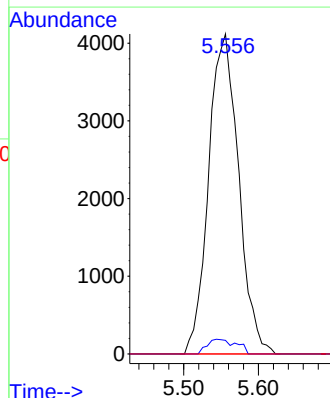
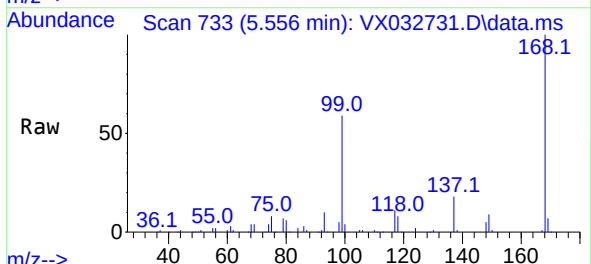
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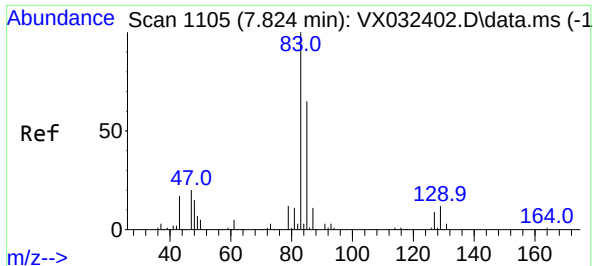
Tgt Ion: 75 Resp: 8873
Ion Ratio Lower Upper
75 100
110 10.0 18.4 55.2#
77 0.0 24.5 36.7#



#38
Carbon Tetrachloride
Concen: 5.664 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX032731.D
Acq: 10 Nov 2022 16:20

Tgt Ion: 117 Resp: 11474
Ion Ratio Lower Upper
117 100
119 4.2 77.2 115.8#
121 0.0 25.8 38.6#

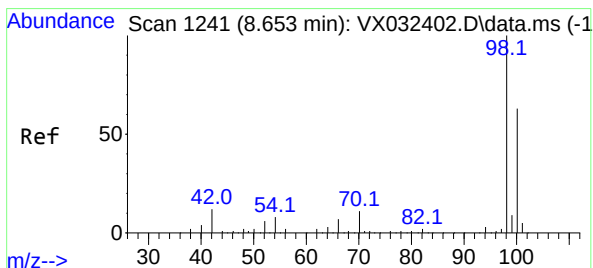
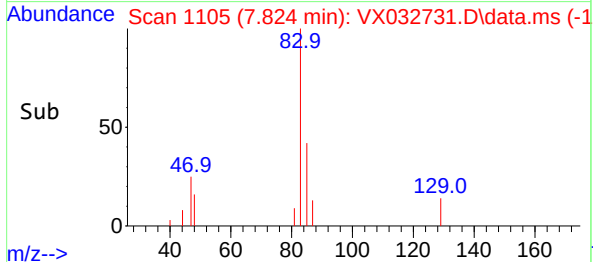
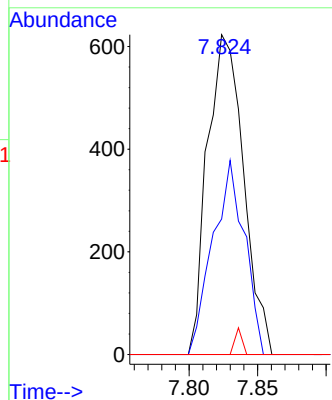
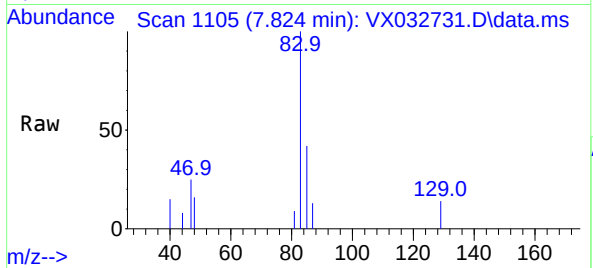




#47
Bromodichloromethane
Concen: 0.593 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX032731.D
Acq: 10 Nov 2022 16:20

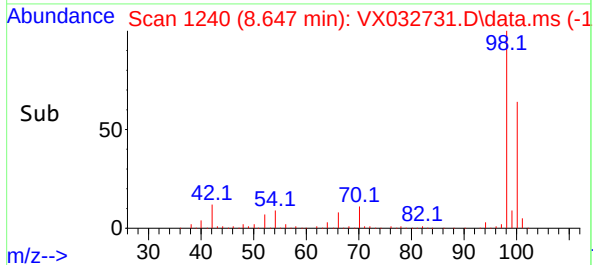
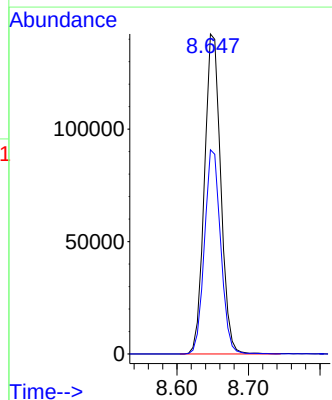
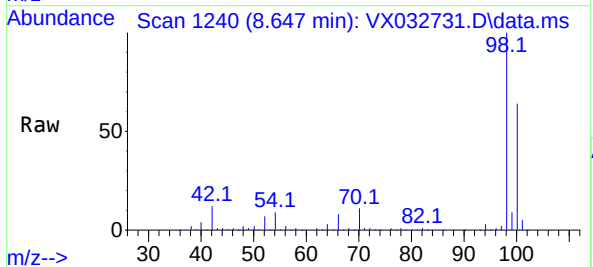
Instrument :
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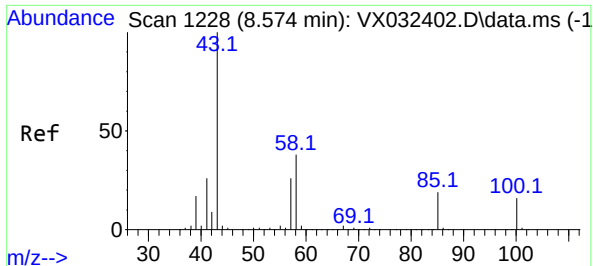
Tgt Ion: 83 Resp: 1144
Ion Ratio Lower Upper
83 100
85 42.4 52.2 78.4#
127 0.0 7.4 11.2#



#50
Toluene-d8
Concen: 49.406 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX032731.D
Acq: 10 Nov 2022 16:20

Tgt Ion: 98 Resp: 225328
Ion Ratio Lower Upper
98 100
100 63.5 50.9 76.3

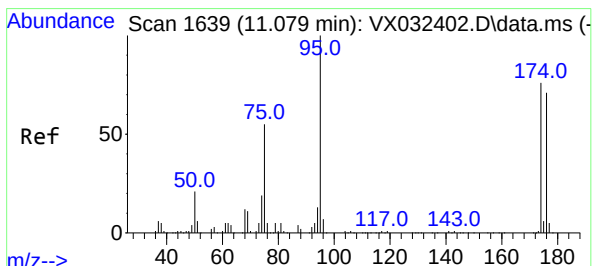
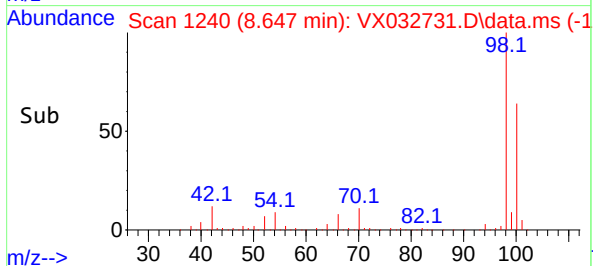
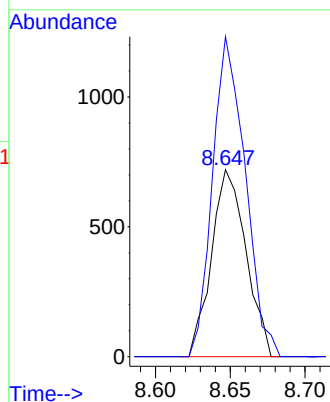
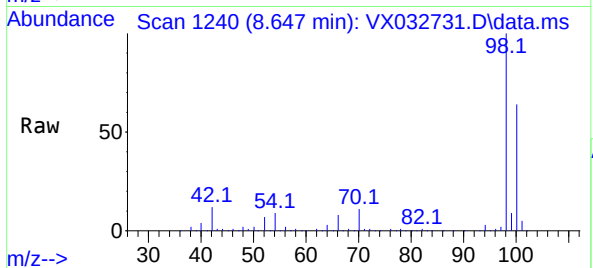




#51
4-Methyl-2-Pentanone
Concen: 0.628 ug/l
RT: 8.647 min Scan# 1155
Delta R.T. 0.073 min
Lab File: VX032731.D
Acq: 10 Nov 2022 16:20

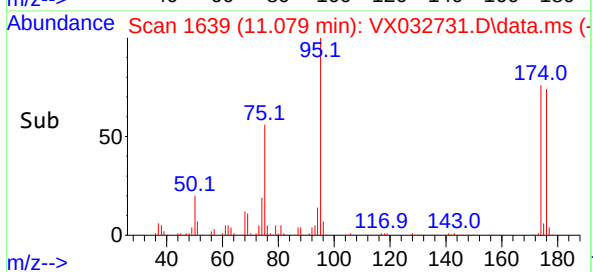
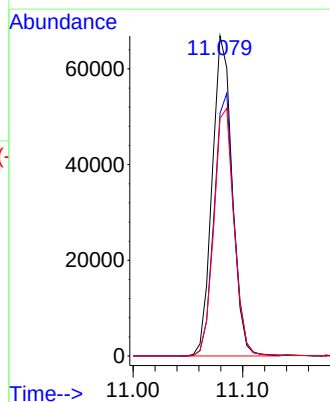
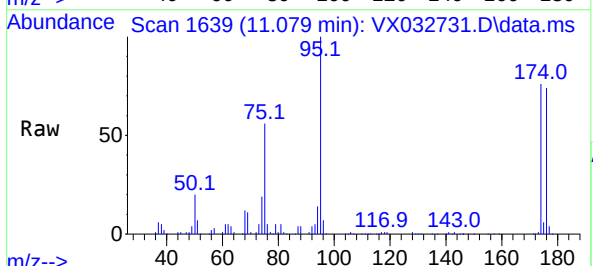
Instrument :
MSVOA_X
ClientSampleId :
MW-18E

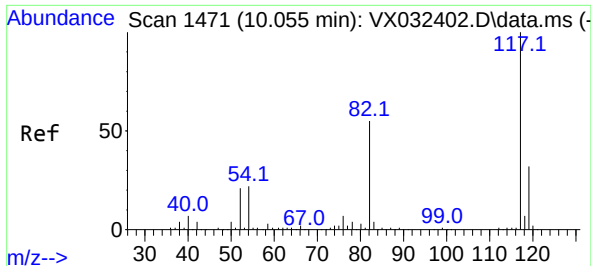
Tgt Ion: 43 Resp: 1155
Ion Ratio Lower Upper
43 100
58 161.9 30.9 46.3#



#62
4-Bromofluorobenzene
Concen: 47.500 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032731.D
Acq: 10 Nov 2022 16:20

Tgt Ion: 95 Resp: 84622
Ion Ratio Lower Upper
95 100
174 81.7 0.0 164.0
176 78.5 0.0 154.4

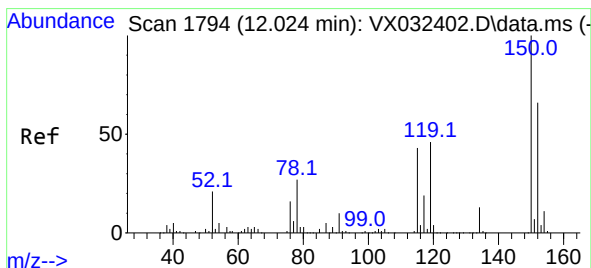
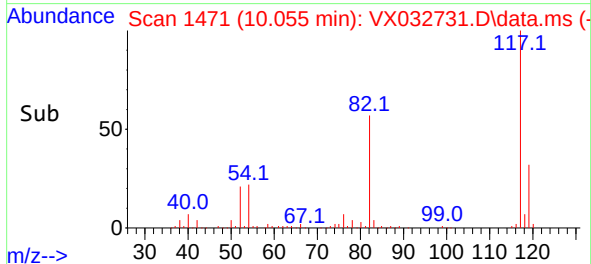
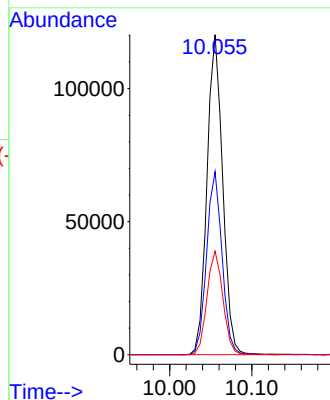
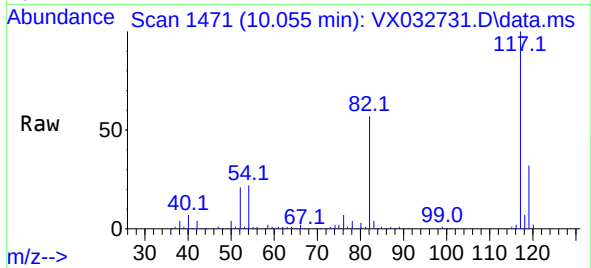




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032731.D
Acq: 10 Nov 2022 16:20

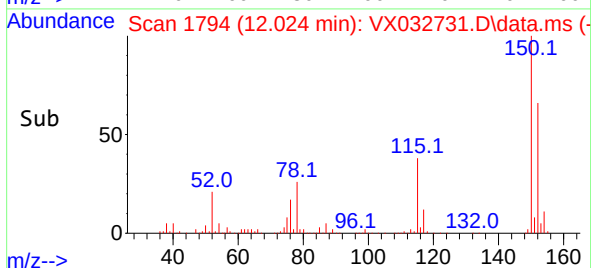
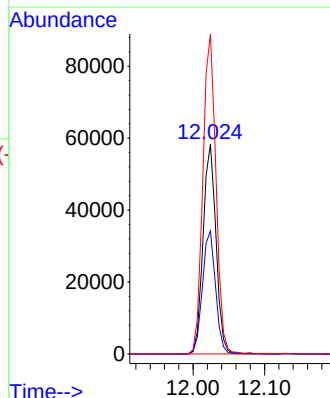
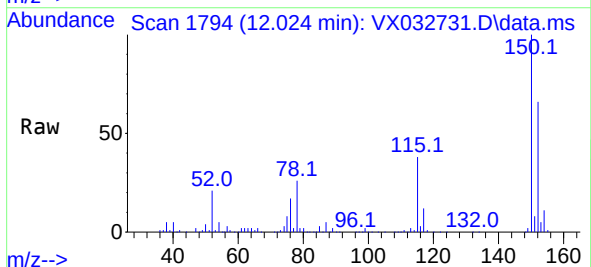
Instrument :
MSVOA_X
ClientSampleId :
MW-18E

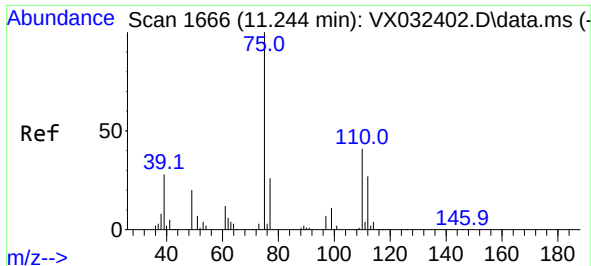
Tgt Ion:117 Resp: 159310
Ion Ratio Lower Upper
117 100
82 57.2 44.3 66.5
119 32.3 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX032731.D
Acq: 10 Nov 2022 16:20

Tgt Ion:152 Resp: 73475
Ion Ratio Lower Upper
152 100
115 59.2 44.0 132.0
150 154.1 0.0 351.8

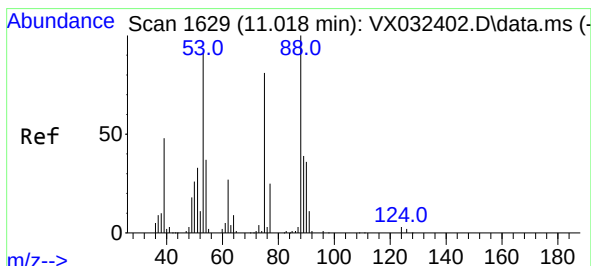
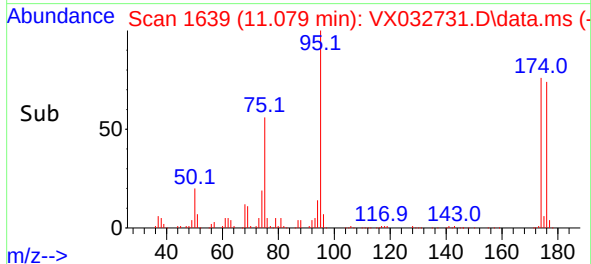
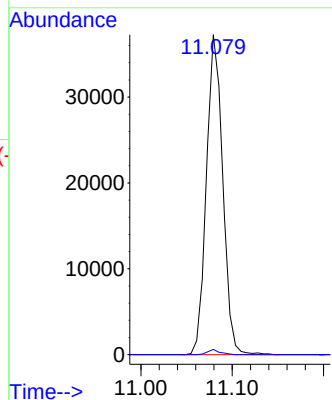
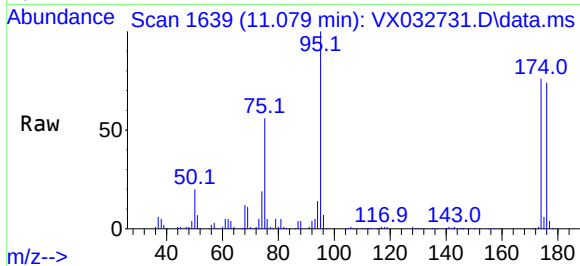




#76
1,2,3-Trichloropropane
Concen: 28.345 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX032731.D
Acq: 10 Nov 2022 16:20

Instrument :
MSVOA_X
ClientSampleId :
MW-18E

Tgt Ion: 75 Resp: 46334
Ion Ratio Lower Upper
75 100
77 1.3 20.0 60.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 90.195 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX032731.D
Acq: 10 Nov 2022 16:20

Tgt Ion: 75 Resp: 46334
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.0 38.3 57.5#

