

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112421\
 Data File : VX025334.D
 Acq On : 24 Nov 2021 18:09
 Operator : JC/MD
 Sample : M4838-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 211123004-02 -TRIP-BLANK

Quant Time: Nov 26 10:37:42 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 17 15:36:16 2021
 Response via : Initial Calibration

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

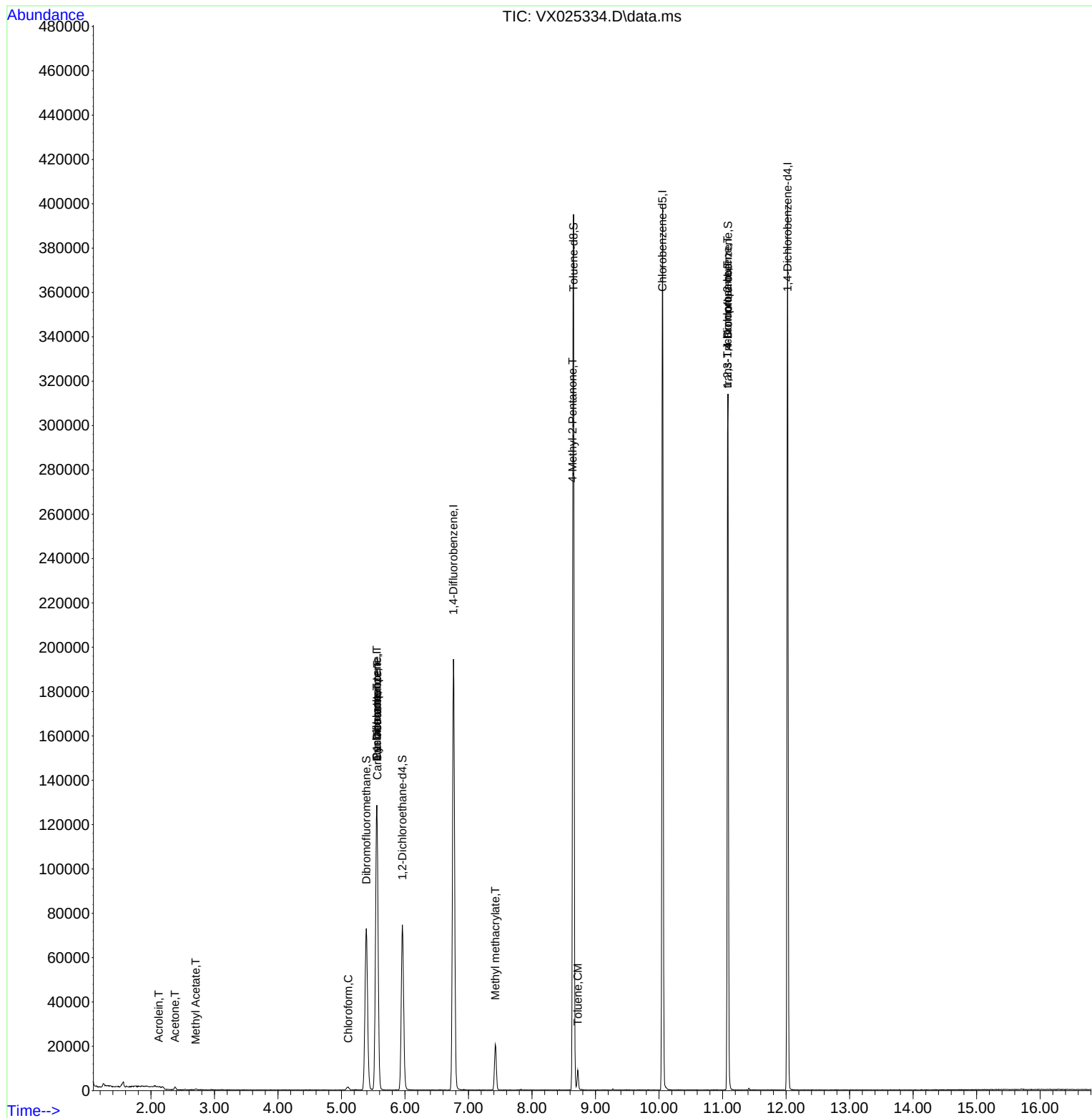
Internal Standards						
1) Pentafluorobenzene	5.556	168	132682	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	210254	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	187403	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	84704	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	68710	49.129	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.260%
35) Dibromofluoromethane	5.391	113	62956	48.801	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.600%
50) Toluene-d8	8.653	98	239480	49.373	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.740%
62) 4-Bromofluorobenzene	11.085	95	84153	45.861	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.720%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.953	59	211	Below Cal	#	72
13) Acrolein	2.124	56	68	1.061	ug/l	88
16) Acetone	2.380	43	1413	1.818	ug/l #	74
18) Methyl Acetate	2.703	43	743	0.299	ug/l #	74
30) Chloroform	5.105	83	1811	0.751	ug/l	94
31) Cyclohexane	5.556	56	2400	1.110	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	8823	4.810	ug/l #	50
38) Carbon Tetrachloride	5.562	117	12362	6.118	ug/l #	15
48) Methyl methacrylate	7.421	41	4865	2.984	ug/l #	39
51) 4-Methyl-2-Pentanone	8.641	43	1012	0.465	ug/l #	1
52) Toluene	8.720	92	3400	0.937	ug/l	94
76) 1,2,3-Trichloropropane	11.079	75	40153	23.149	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	40153	58.316	ug/l #	9

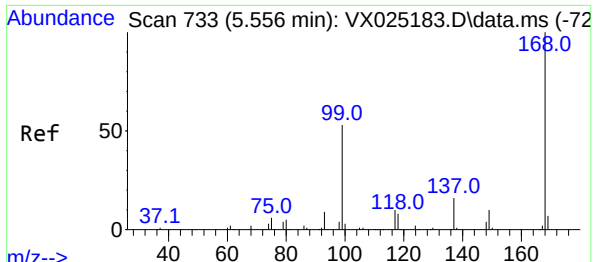
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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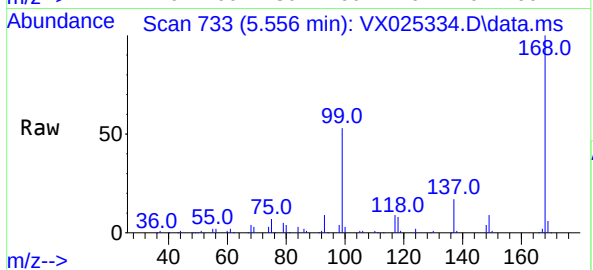
Quant Time: Nov 26 10:37:42 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
Quant Title : SW846 8260
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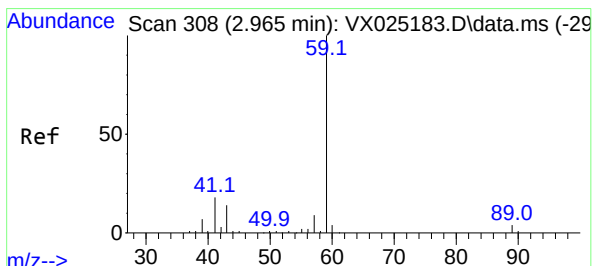
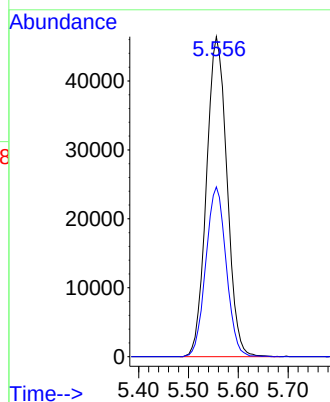
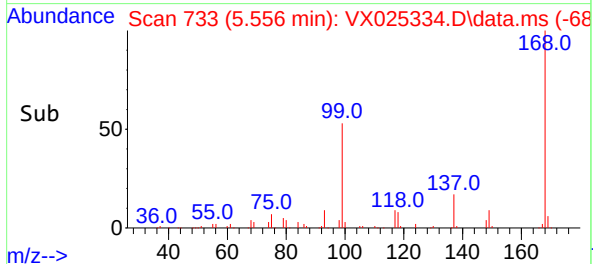


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX025334.D
Acq: 24 Nov 2021 18:09

Instrument :
MSVOA_X
ClientSampleId :
211123004-02 -TRIP-BLANK

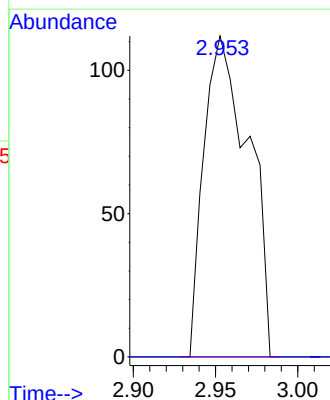
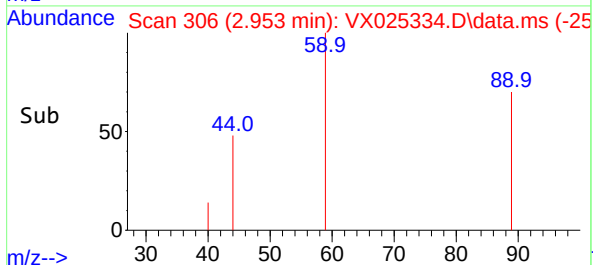
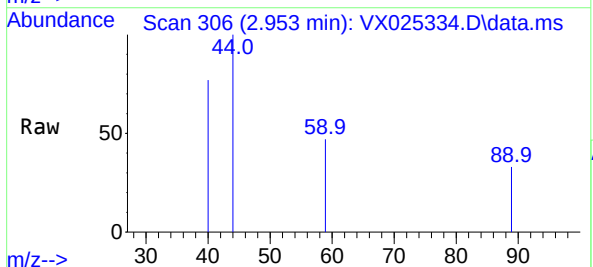


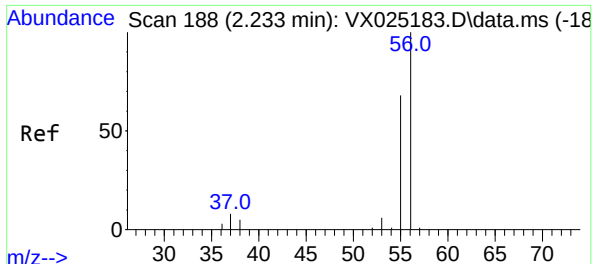
Tgt Ion:168 Resp: 132682
Ion Ratio Lower Upper
168 100
99 53.0 46.4 69.6



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.953 min Scan# 306
Delta R.T. -0.012 min
Lab File: VX025334.D
Acq: 24 Nov 2021 18:09

Tgt Ion: 59 Resp: 211
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#

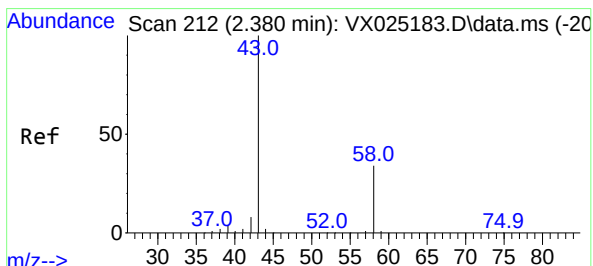
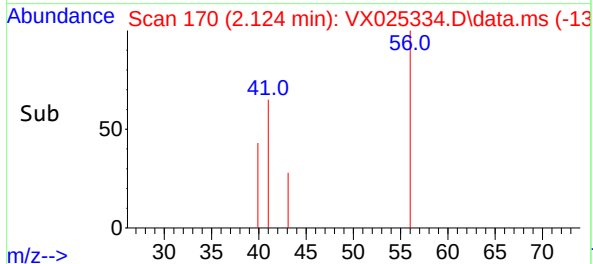
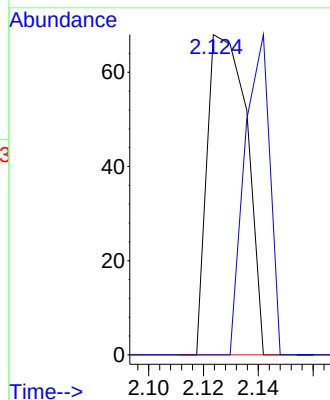
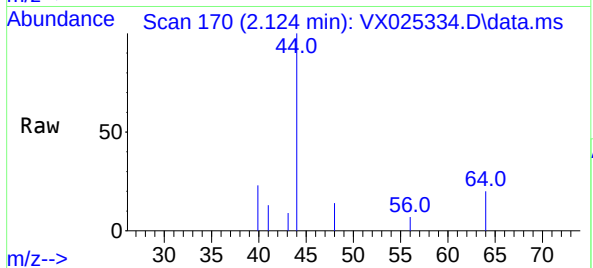




#13
Acrolein
Concen: 1.061 ug/l
RT: 2.124 min Scan# 11
Delta R.T. -0.109 min
Lab File: VX025334.D
Acq: 24 Nov 2021 18:09

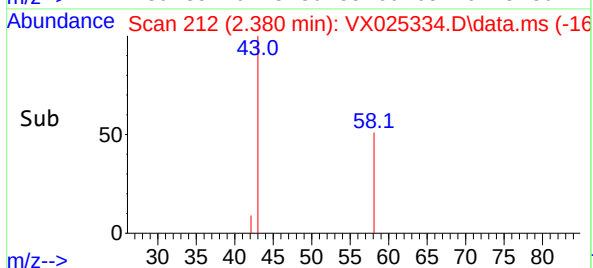
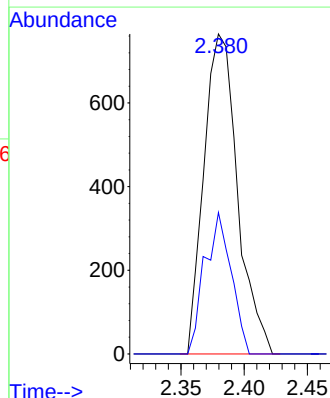
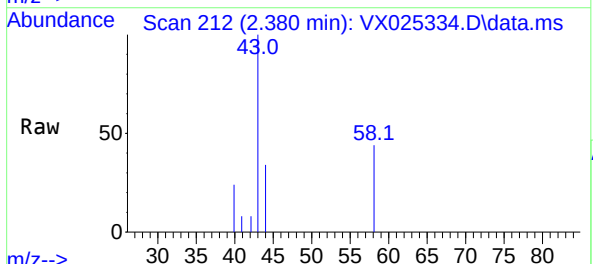
Instrument :
MSVOA_X
ClientSampleId :
211123004-02 -TRIP-BLANK

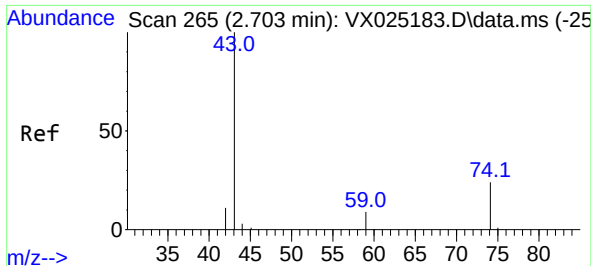
Tgt Ion: 56 Resp: 68
Ion Ratio Lower Upper
56 100
55 63.2 58.6 87.8



#16
Acetone
Concen: 1.818 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX025334.D
Acq: 24 Nov 2021 18:09

Tgt Ion: 43 Resp: 1413
Ion Ratio Lower Upper
43 100
58 44.2 24.0 36.0#

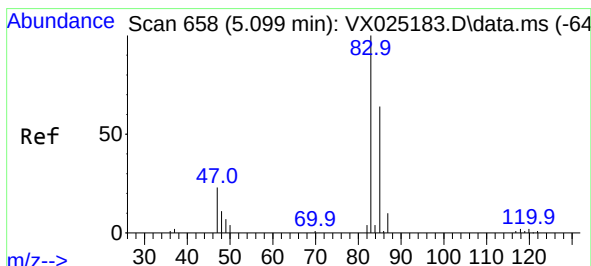
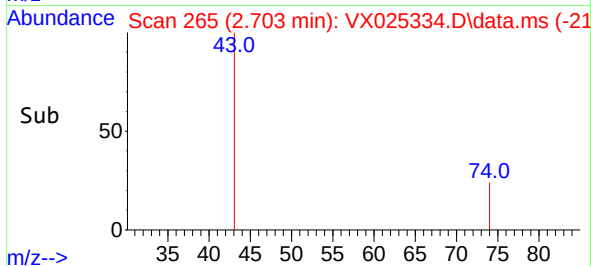
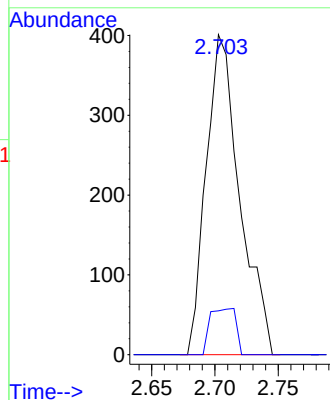
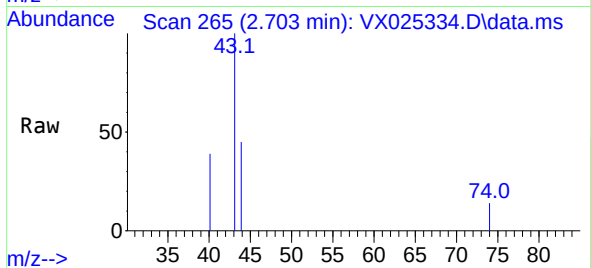




#18
Methyl Acetate
Concen: 0.299 ug/l
RT: 2.703 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX025334.D
Acq: 24 Nov 2021 18:09

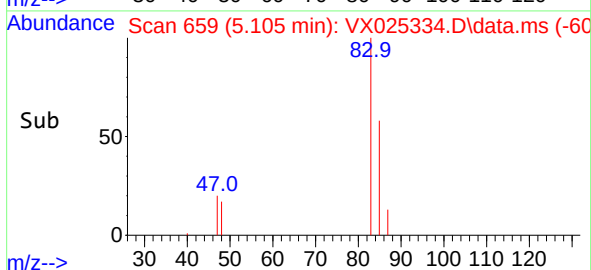
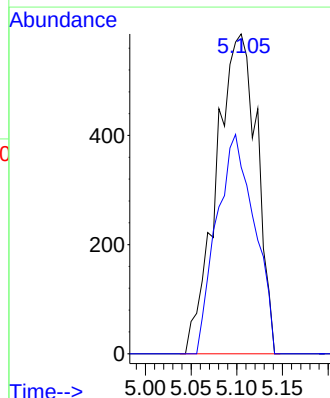
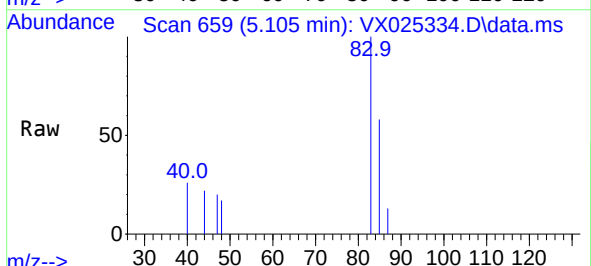
Instrument :
MSVOA_X
ClientSampleId :
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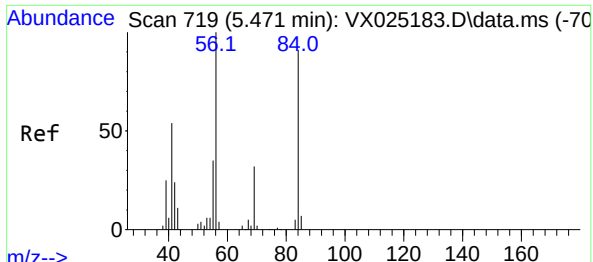
Tgt Ion: 43 Resp: 743
Ion Ratio Lower Upper
43 100
74 11.0 19.0 28.6#



#30
Chloroform
Concen: 0.751 ug/l
RT: 5.105 min Scan# 659
Delta R.T. 0.006 min
Lab File: VX025334.D
Acq: 24 Nov 2021 18:09

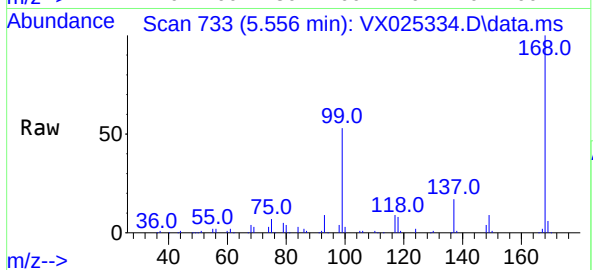
Tgt Ion: 83 Resp: 1811
Ion Ratio Lower Upper
83 100
85 58.4 50.2 75.2



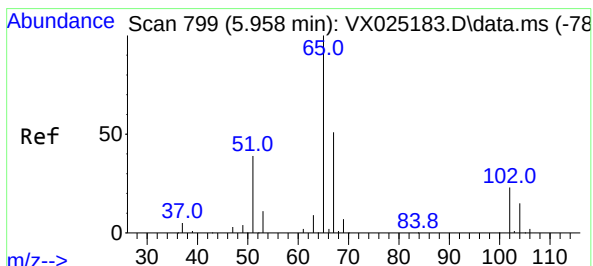
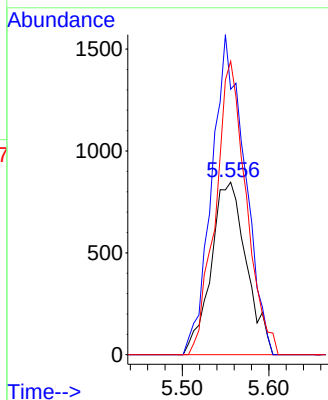
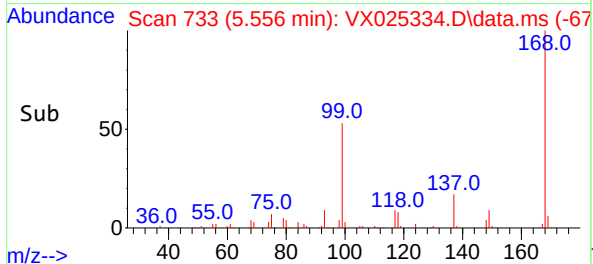


#31
Cyclohexane
Concen: 1.110 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX025334.D
Acq: 24 Nov 2021 18:09

Instrument :
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ClientSampleId :
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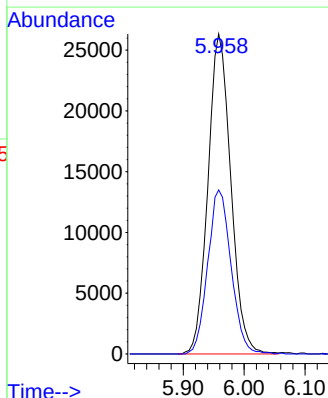
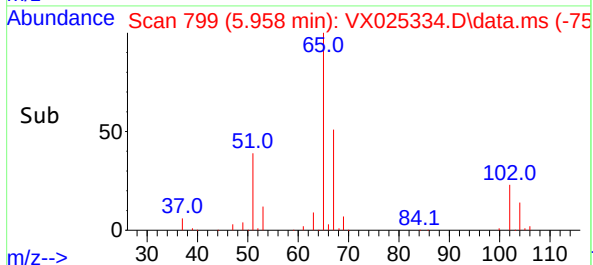
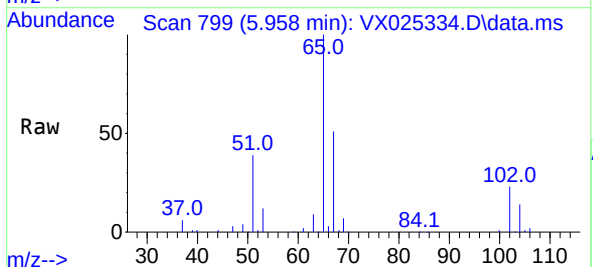


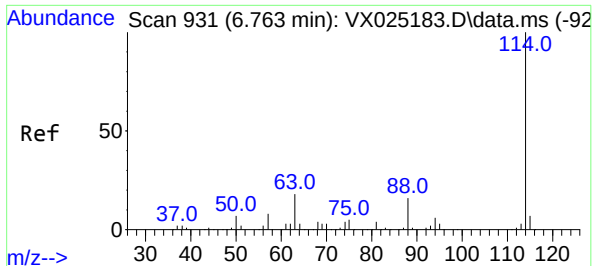
Tgt Ion: 56 Resp: 2400
Ion Ratio Lower Upper
56 100
69 153.8 24.2 36.2#
84 170.1 71.5 107.3#



#33
1,2-Dichloroethane-d4
Concen: 49.129 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX025334.D
Acq: 24 Nov 2021 18:09

Tgt Ion: 65 Resp: 68710
Ion Ratio Lower Upper
65 100
67 52.3 0.0 101.0

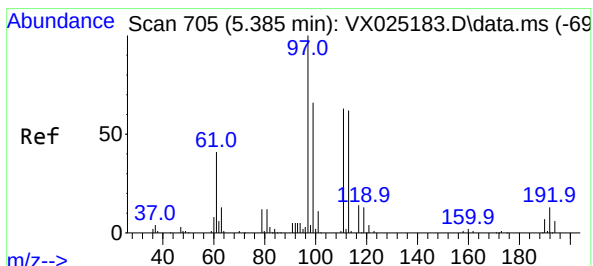
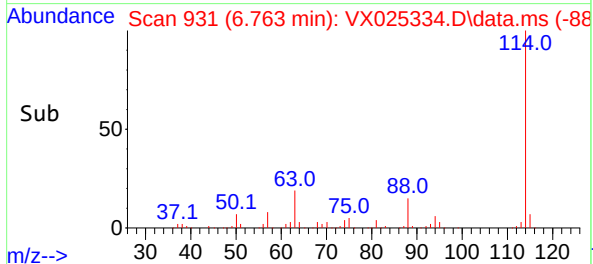
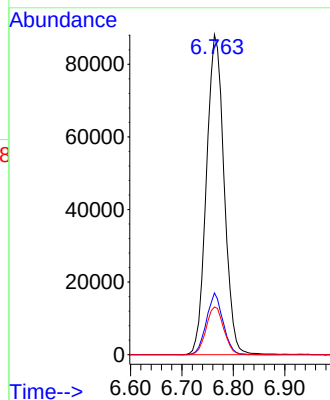
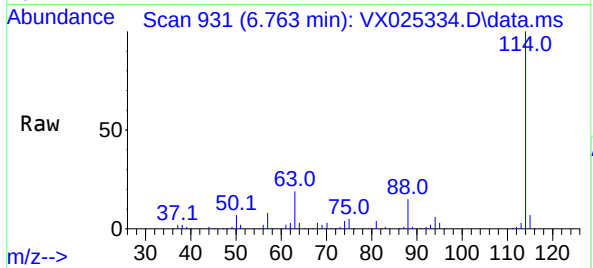




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX025334.D
Acq: 24 Nov 2021 18:09

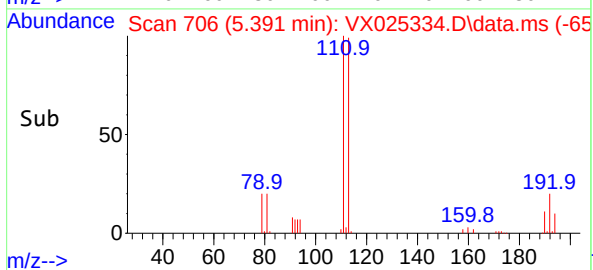
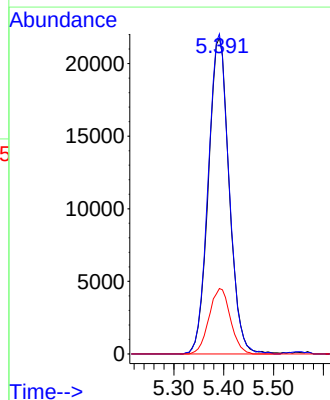
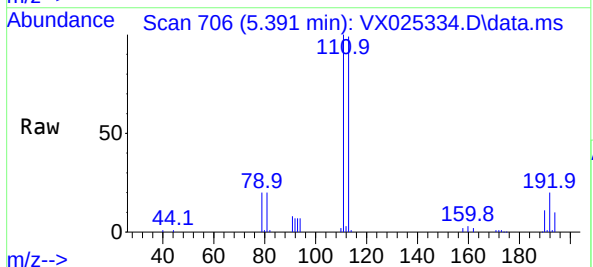
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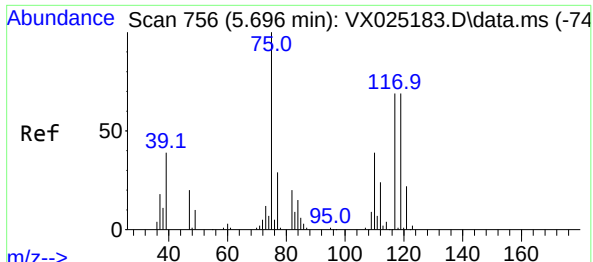
Tgt Ion:114 Resp: 210254
Ion Ratio Lower Upper
114 100
63 19.3 0.0 41.0
88 14.9 0.0 34.8



#35
Dibromofluoromethane
Concen: 48.801 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX025334.D
Acq: 24 Nov 2021 18:09

Tgt Ion:113 Resp: 62956
Ion Ratio Lower Upper
113 100
111 101.1 82.1 123.1
192 21.3 15.6 23.4

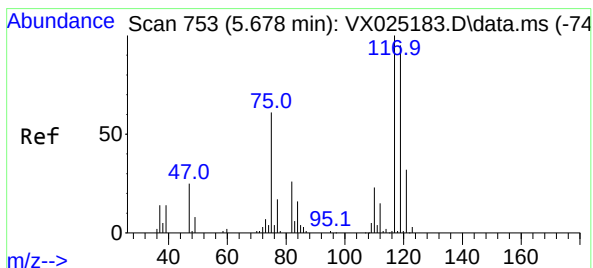
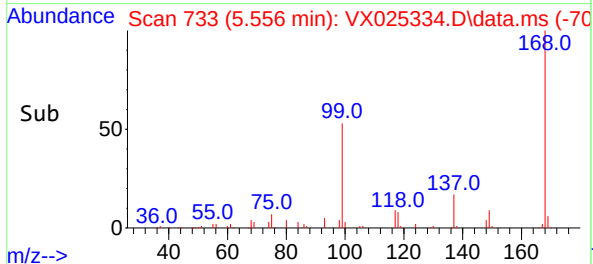
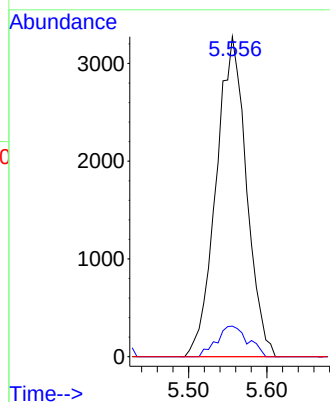
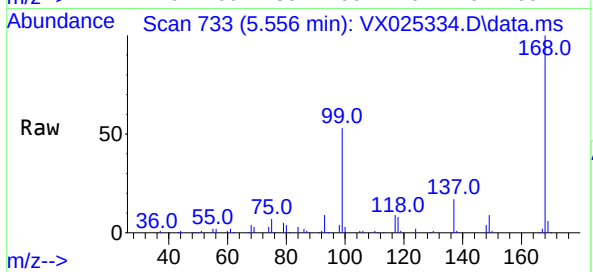




#36
1,1-Dichloropropene
Concen: 4.810 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.140 min
Lab File: VX025334.D
Acq: 24 Nov 2021 18:09

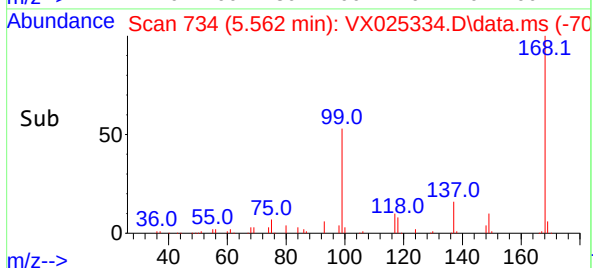
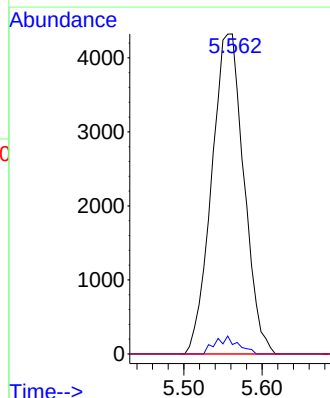
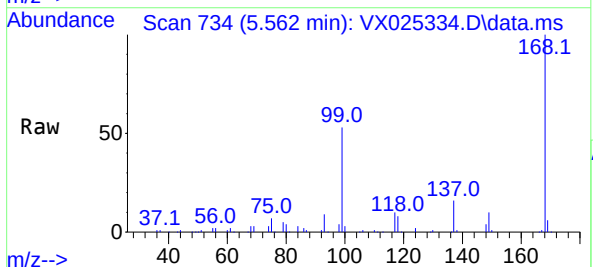
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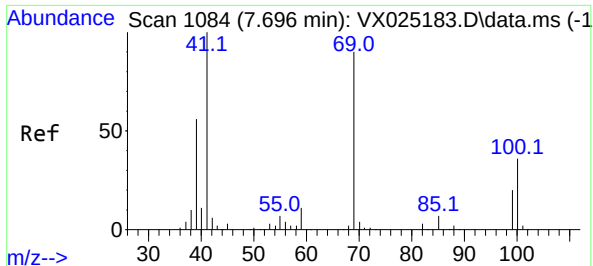
Tgt Ion: 75 Resp: 8823
Ion Ratio Lower Upper
75 100
110 9.8 18.1 54.3#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 6.118 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.116 min
Lab File: VX025334.D
Acq: 24 Nov 2021 18:09

Tgt Ion: 117 Resp: 12362
Ion Ratio Lower Upper
117 100
119 2.9 75.6 113.4#
121 0.0 23.7 35.5#

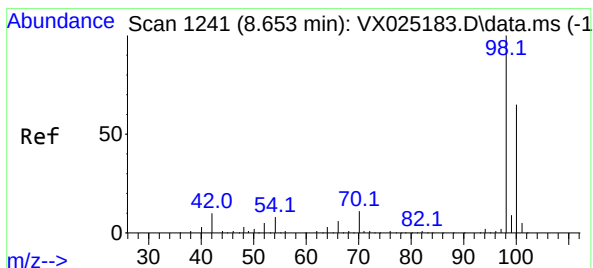
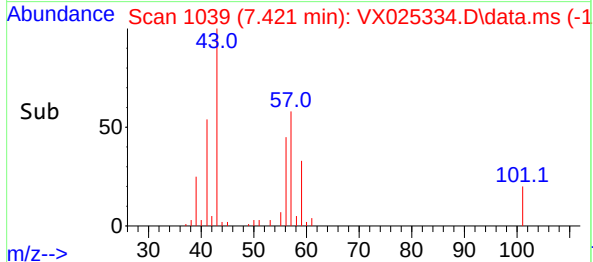
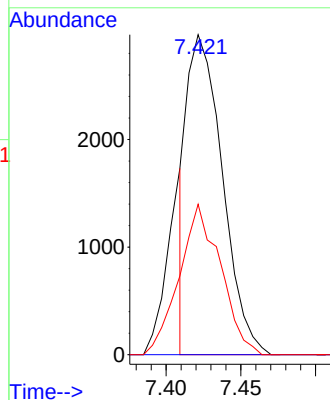
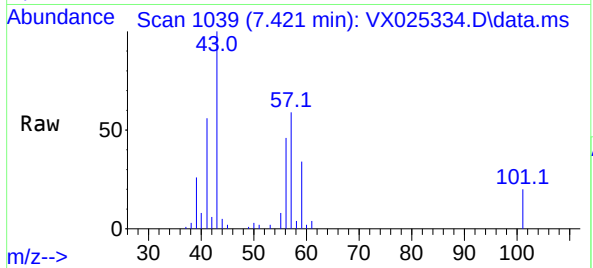




#48
Methyl methacrylate
Concen: 2.984 ug/l
RT: 7.421 min Scan# 1039
Delta R.T. -0.275 min
Lab File: VX025334.D
Acq: 24 Nov 2021 18:09

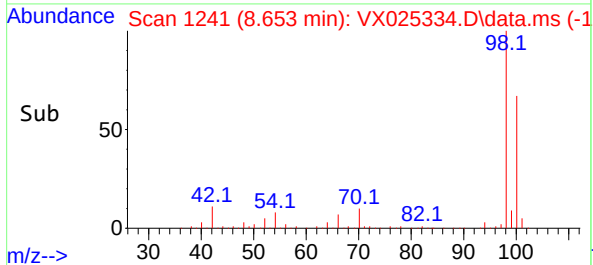
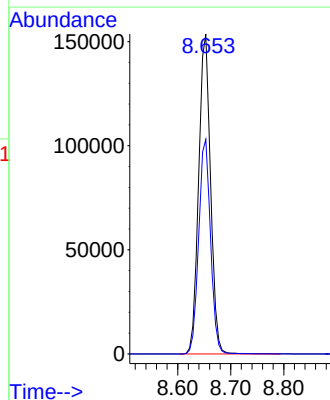
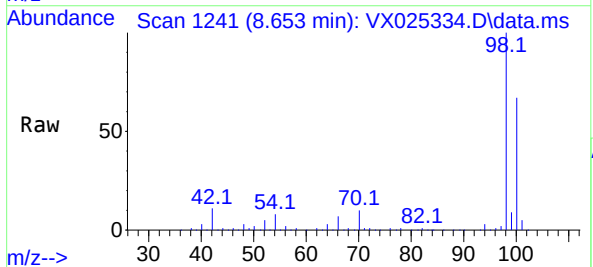
Instrument : MSVOA_X
ClientSampleId : 211123004-02 -TRIP-BLANK

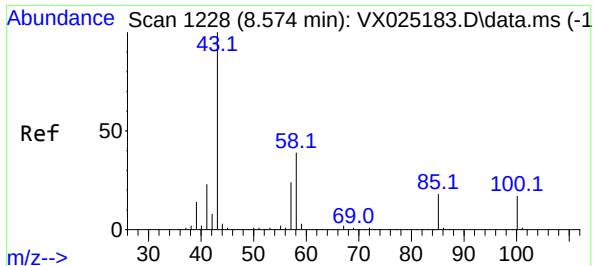
Tgt Ion: 41 Resp: 4865
Ion Ratio Lower Upper
41 100
69 0.0 64.5 96.7#
39 43.5 46.9 70.3#



#50
Toluene-d8
Concen: 49.373 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX025334.D
Acq: 24 Nov 2021 18:09

Tgt Ion: 98 Resp: 239480
Ion Ratio Lower Upper
98 100
100 66.9 51.4 77.0

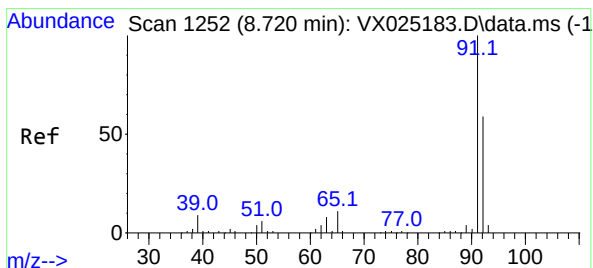
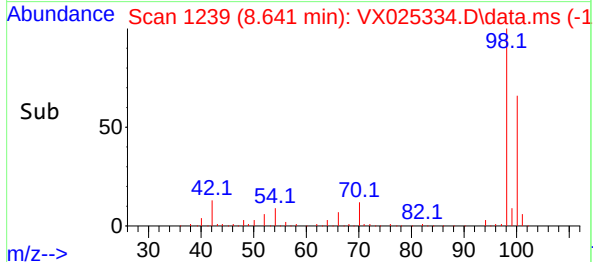
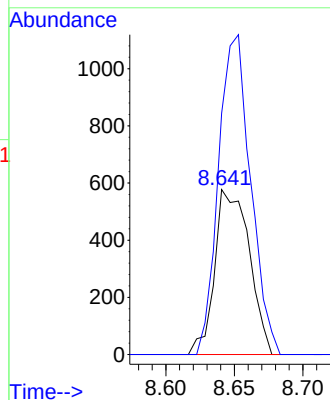
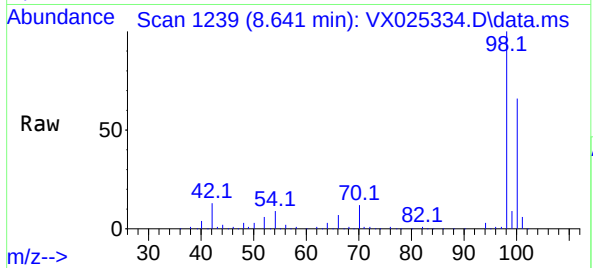




#51
4-Methyl-2-Pentanone
Concen: 0.465 ug/l
RT: 8.641 min Scan# 11
Delta R.T. 0.067 min
Lab File: VX025334.D
Acq: 24 Nov 2021 18:09

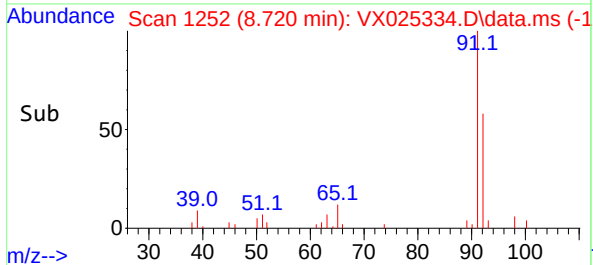
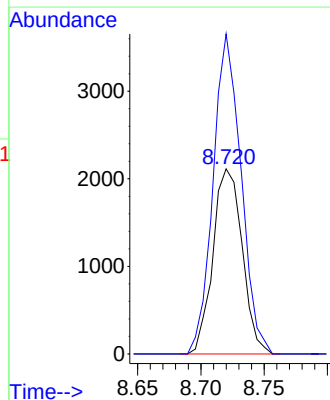
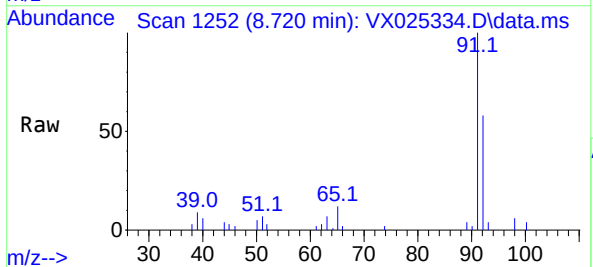
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ClientSampleId :
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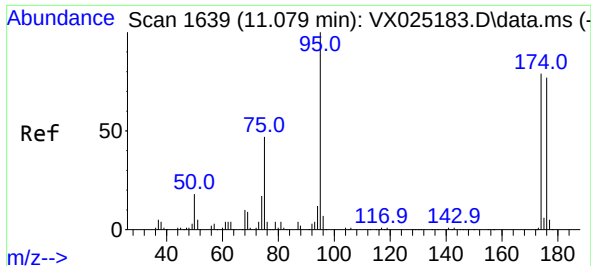
Tgt Ion: 43 Resp: 1012
Ion Ratio Lower Upper
43 100
58 180.2 30.9 46.3#



#52
Toluene
Concen: 0.937 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX025334.D
Acq: 24 Nov 2021 18:09

Tgt Ion: 92 Resp: 3400
Ion Ratio Lower Upper
92 100
91 165.0 138.6 208.0

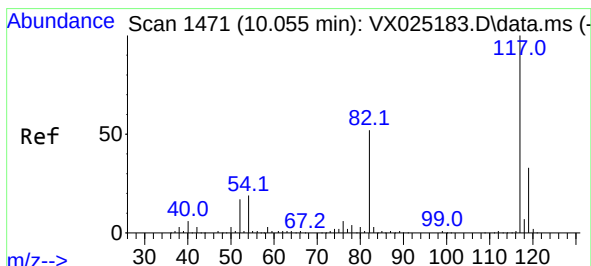
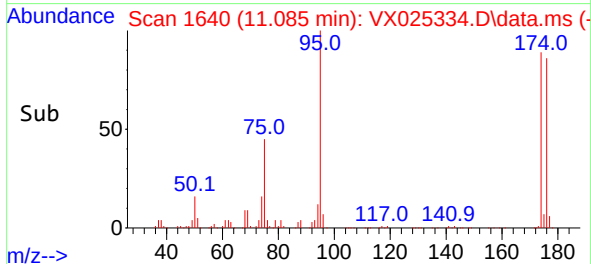
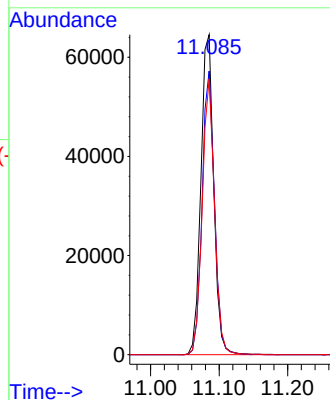
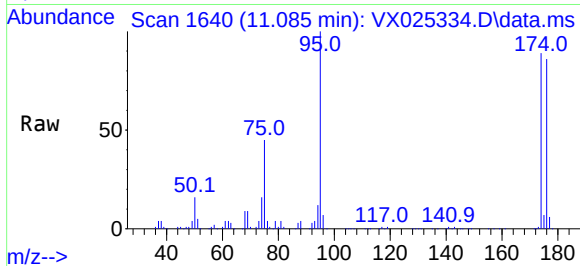




#62
4-Bromofluorobenzene
Concen: 45.861 ug/l
RT: 11.085 min Scan# 1639
Delta R.T. 0.006 min
Lab File: VX025334.D
Acq: 24 Nov 2021 18:09

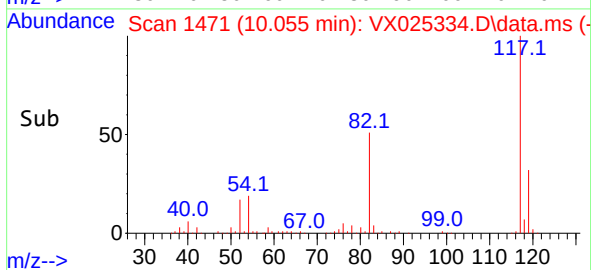
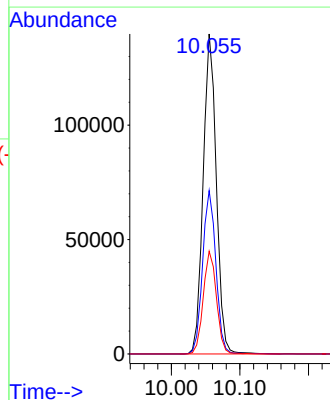
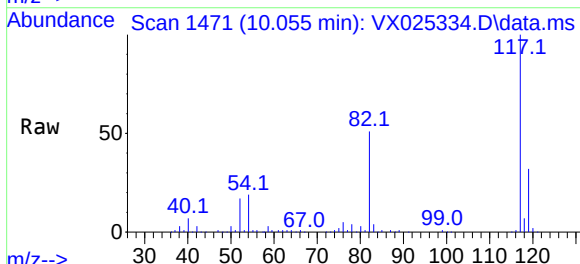
Instrument :
MSVOA_X
ClientSampleId :
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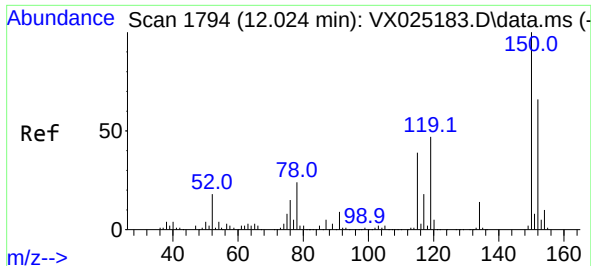
Tgt Ion: 95 Resp: 84153
Ion Ratio Lower Upper
95 100
174 85.5 0.0 158.0
176 82.8 0.0 153.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX025334.D
Acq: 24 Nov 2021 18:09

Tgt Ion: 117 Resp: 187403
Ion Ratio Lower Upper
117 100
82 51.0 44.6 67.0
119 32.1 24.8 37.2

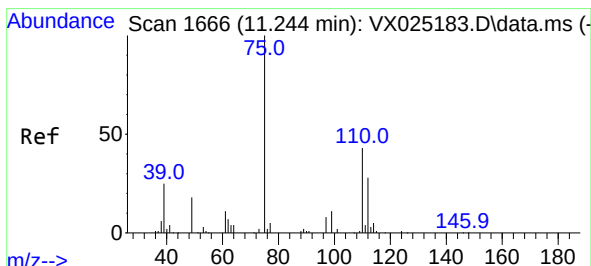
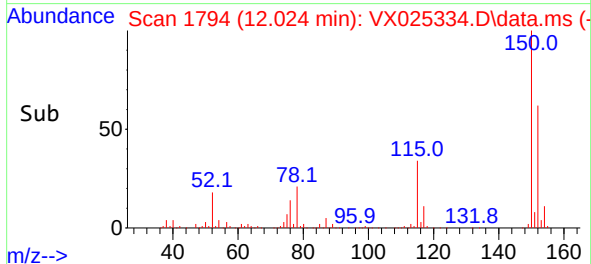
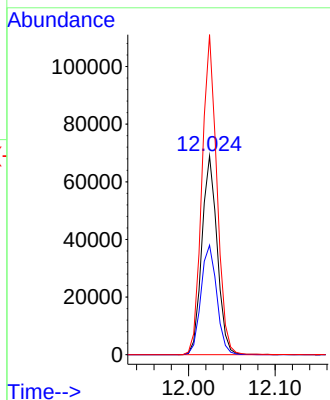
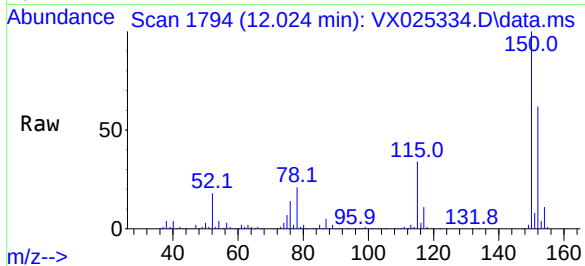




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX025334.D
Acq: 24 Nov 2021 18:09

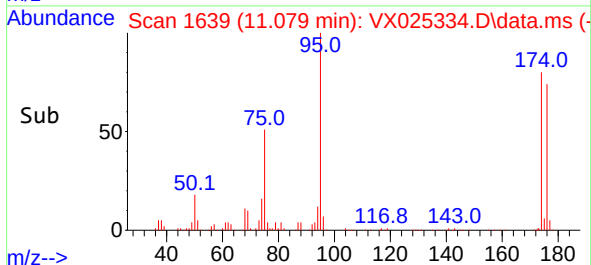
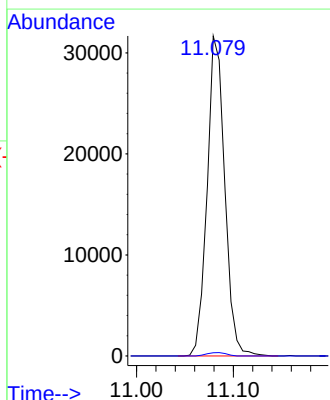
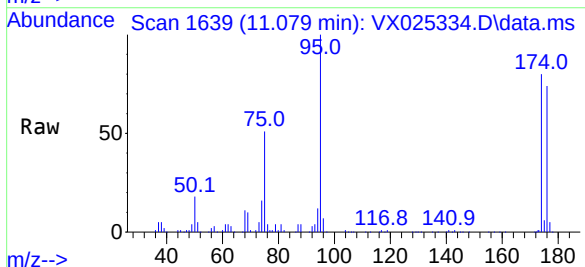
Instrument :
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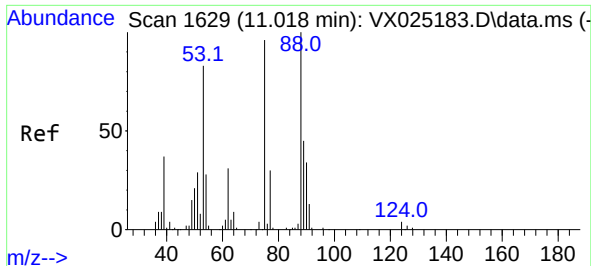
Tgt Ion:152 Resp: 84704
Ion Ratio Lower Upper
152 100
115 57.0 43.3 129.8
150 157.2 0.0 351.2



#76
1,2,3-Trichloropropane
Concen: 23.149 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX025334.D
Acq: 24 Nov 2021 18:09

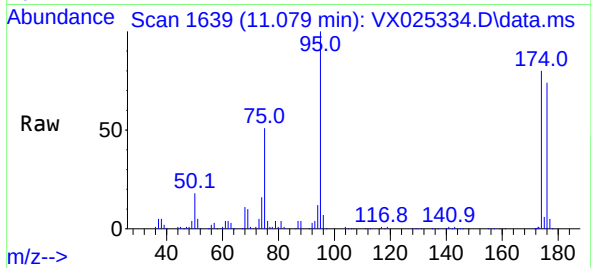
Tgt Ion: 75 Resp: 40153
Ion Ratio Lower Upper
75 100
77 1.2 20.0 59.9#





#81
trans-1,4-Dichloro-2-butene
Concen: 58.316 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX025334.D
Acq: 24 Nov 2021 18:09

Instrument :
MSVOA_X
ClientSampleId :
211123004-02 -TRIP-BLANK



Tgt Ion: 75 Resp: 40153
Ion Ratio Lower Upper
75 100
53 0.0 81.9 122.9#
89 0.0 38.2 57.2#

