

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032224\
 Data File : VD078744.D
 Acq On : 22 Mar 2024 15:49
 Operator : RP/MD
 Sample : P1832-01
 Misc : 5.02G/5ml/MSVOA_D/SOIL/B
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 600581536

Quant Time: Mar 22 23:21:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031424S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 15 05:38:03 2024
 Response via : Initial Calibration

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

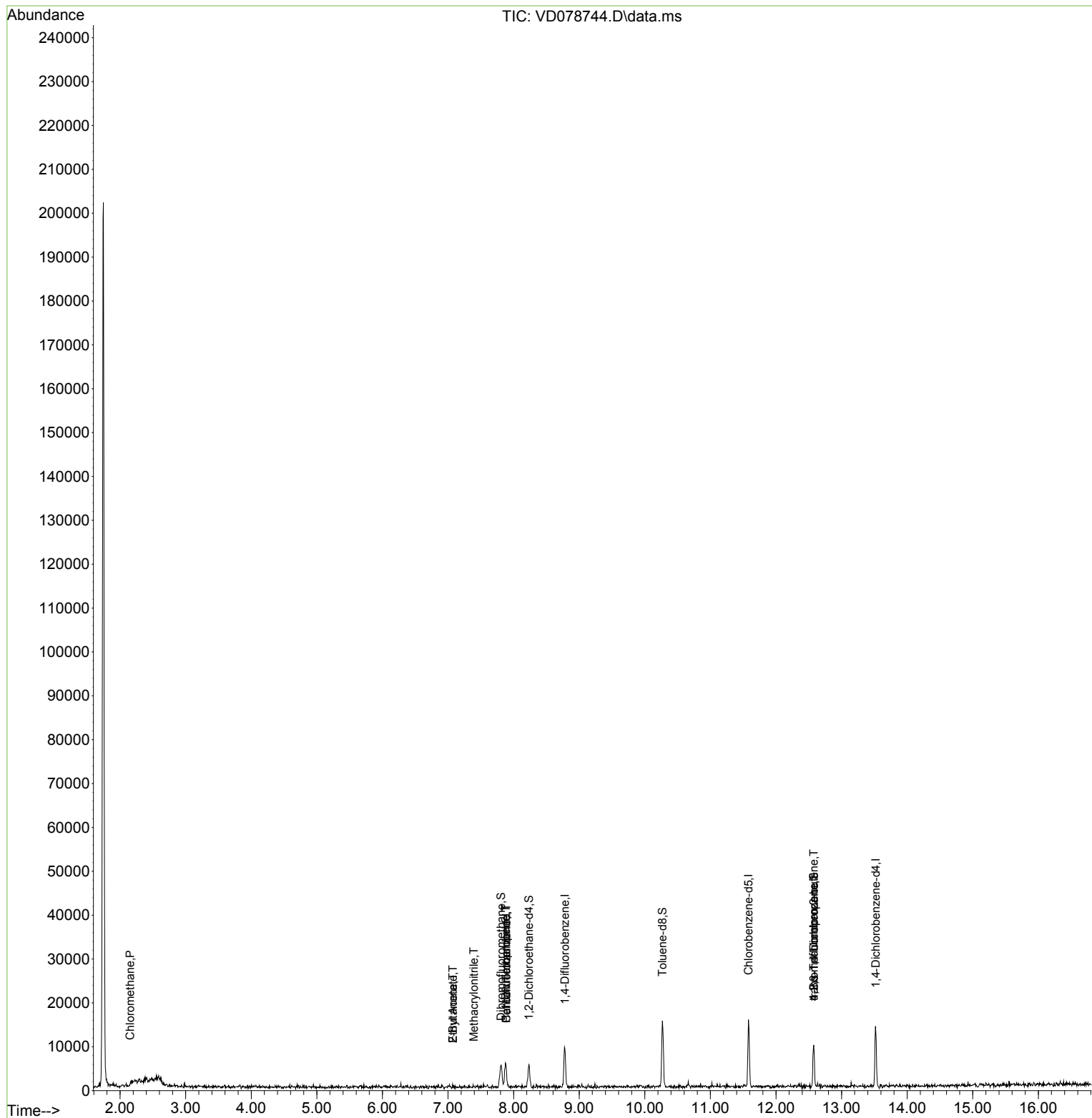
Internal Standards						
1) Pentafluorobenzene	7.887	168	5316	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.781	114	9716	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	10340	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	4297	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	3848	77.239	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 154.480%	
35) Dibromofluoromethane	7.810	113	4255	68.019	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 136.040%	
50) Toluene-d8	10.269	98	11256	48.926	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 97.860%	
62) 4-Bromofluorobenzene	12.575	95	3409	50.649	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 101.300%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.152	50	85	1.088	ug/l #	43
25) 2-Butanone	7.075	43	58	4.528	ug/l #	43
36) 1,1-Dichloropropene	7.881	75	528	5.817	ug/l #	40
37) Ethyl Acetate	7.075	43	58	1.956	ug/l #	63
38) Carbon Tetrachloride	7.887	117	459	4.797	ug/l #	11
41) Methacrylonitrile	7.393	41	54	3.475	ug/l #	12
76) 1,2,3-Trichloropropane	12.575	75	1609	48.602	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	1609	101.877	ug/l #	19

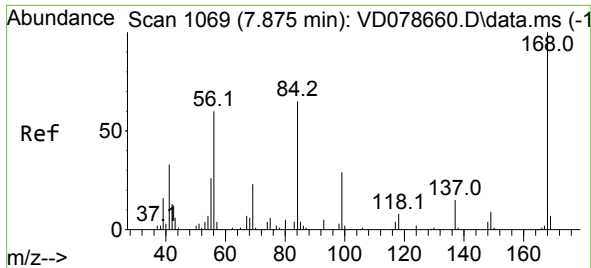
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

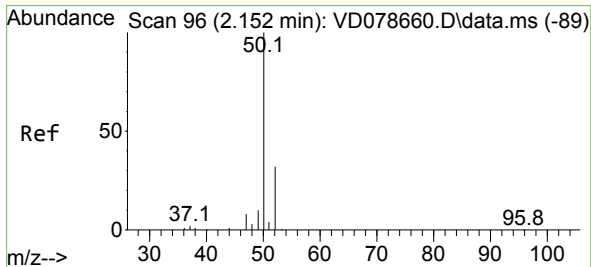
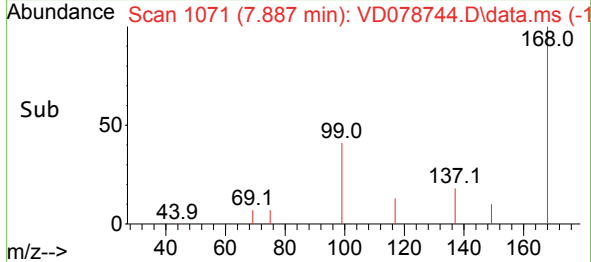
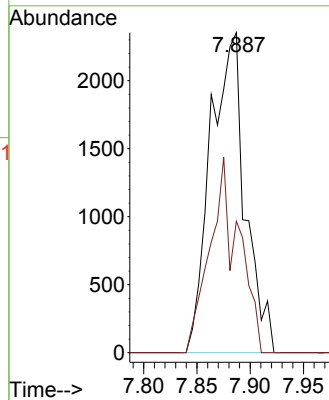
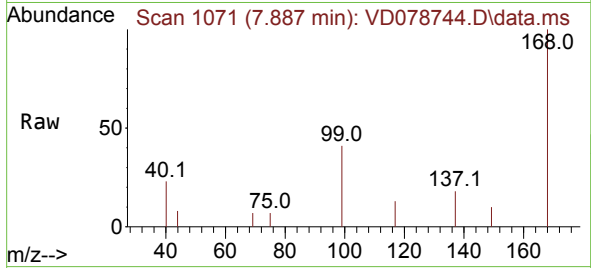




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.887 min Scan# 1069
Delta R.T. 0.012 min
Lab File: VD078744.D
Acq: 22 Mar 2024 15:49

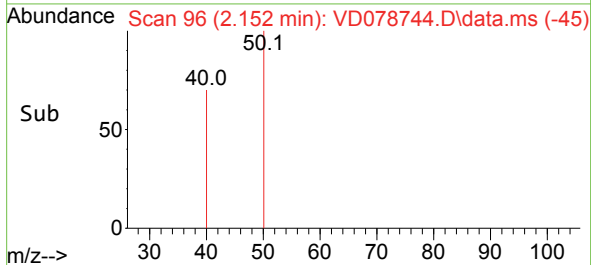
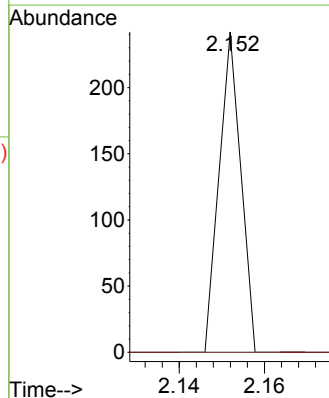
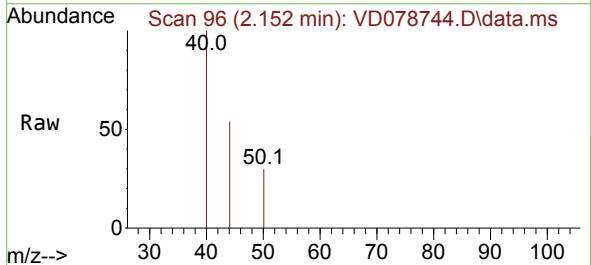
Instrument :
MSVOA_D
ClientSampleId :
600581536

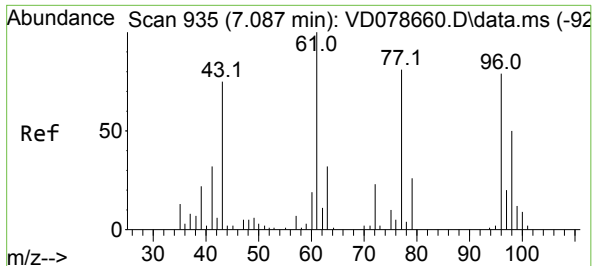
Tgt Ion:168 Resp: 5316
Ion Ratio Lower Upper
168 100
99 41.1 38.8 58.2



#3
Chloromethane
Concen: 1.088 ug/l
RT: 2.152 min Scan# 96
Delta R.T. 0.000 min
Lab File: VD078744.D
Acq: 22 Mar 2024 15:49

Tgt Ion: 50 Resp: 85
Ion Ratio Lower Upper
50 100
52 0.0 25.6 38.4#

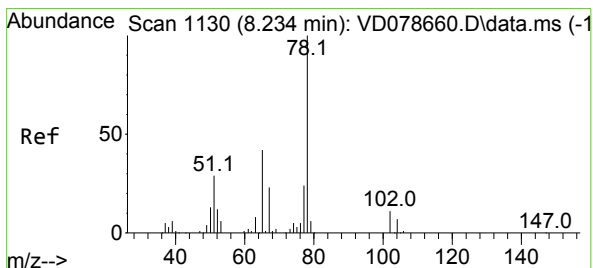
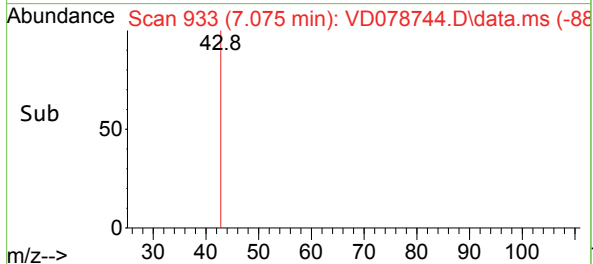
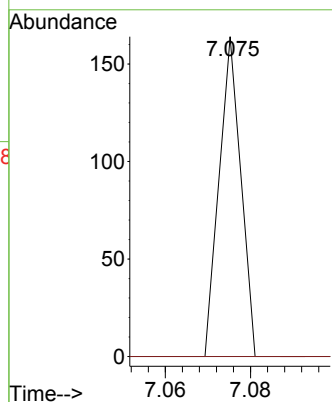
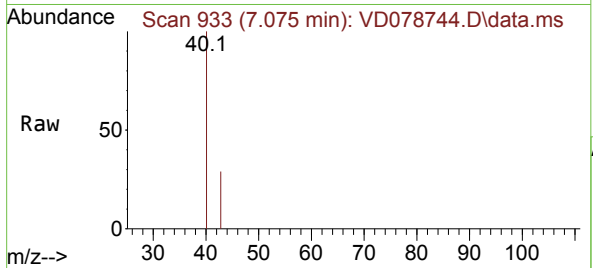




#25
2-Butanone
Concen: 4.528 ug/l
RT: 7.075 min Scan# 91
Delta R.T. -0.012 min
Lab File: VD078744.D
Acq: 22 Mar 2024 15:49

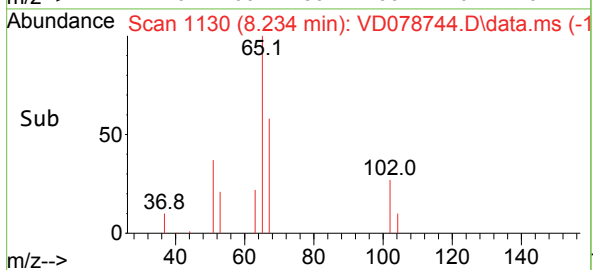
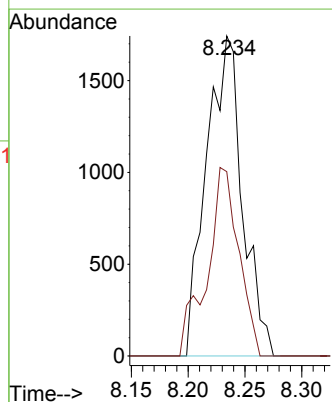
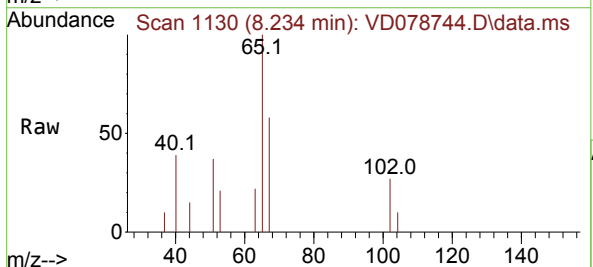
Instrument :
MSVOA_D
ClientSampleId :
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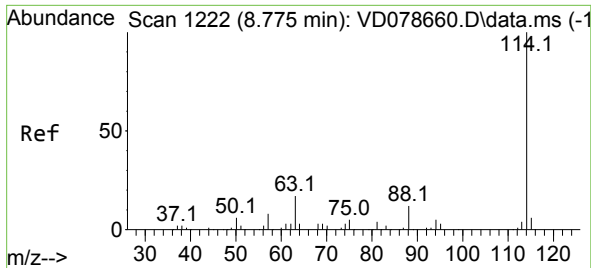
Tgt Ion: 43 Resp: 58
Ion Ratio Lower Upper
43 100
72 0.0 25.0 37.6#



#33
1,2-Dichloroethane-d4
Concen: 77.239 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VD078744.D
Acq: 22 Mar 2024 15:49

Tgt Ion: 65 Resp: 3848
Ion Ratio Lower Upper
65 100
67 51.7 0.0 110.2

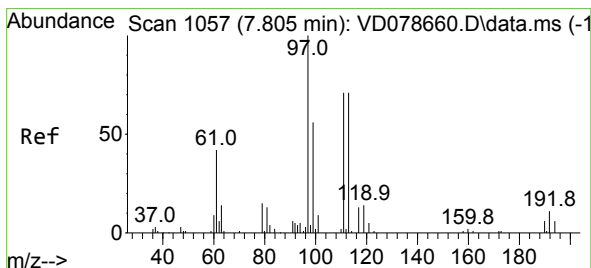
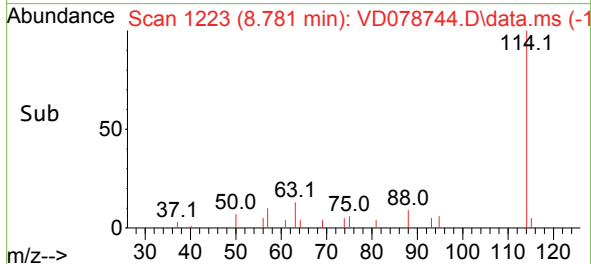
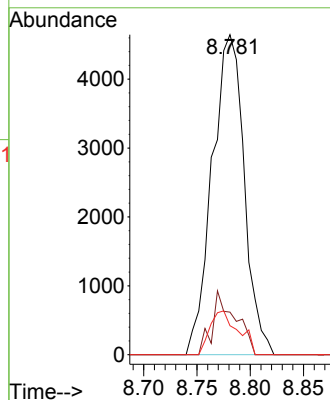
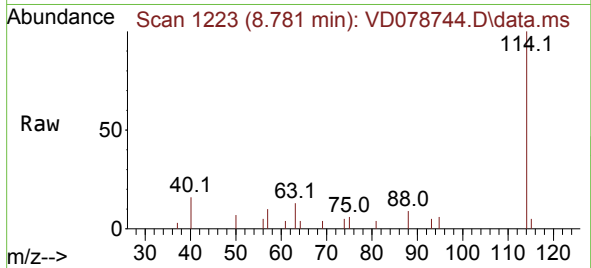




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD078744.D
Acq: 22 Mar 2024 15:49

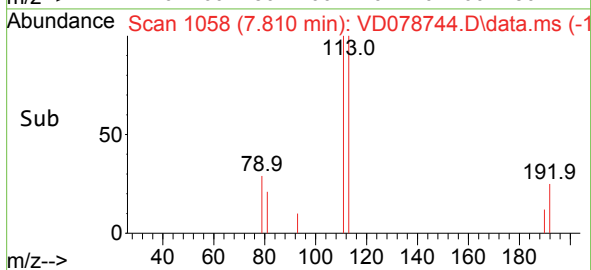
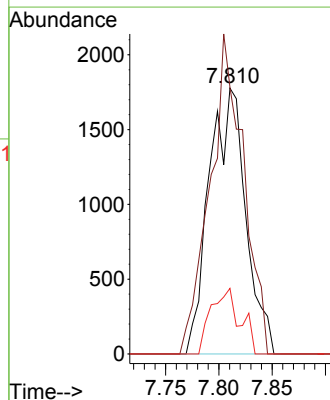
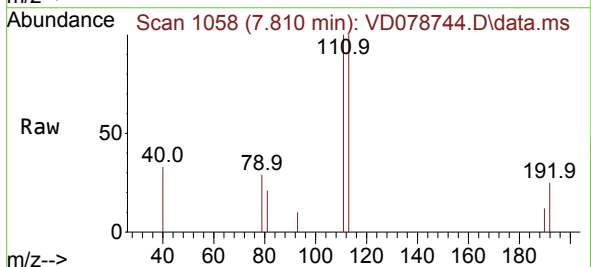
Instrument :
MSVOA_D
ClientSampleId :
600581536

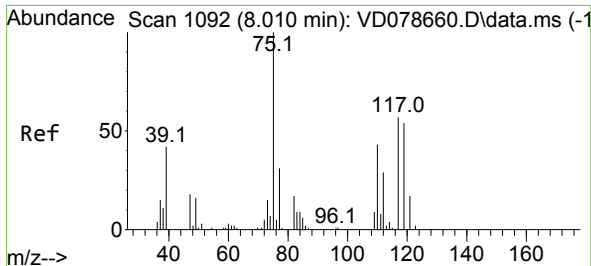
Tgt Ion:114 Resp: 9716
Ion Ratio Lower Upper
114 100
63 13.3 0.0 33.4
88 9.1 0.0 24.6



#35
Dibromofluoromethane
Concen: 68.019 ug/l
RT: 7.810 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VD078744.D
Acq: 22 Mar 2024 15:49

Tgt Ion:113 Resp: 4255
Ion Ratio Lower Upper
113 100
111 110.4 81.9 122.9
192 19.4 15.4 23.0

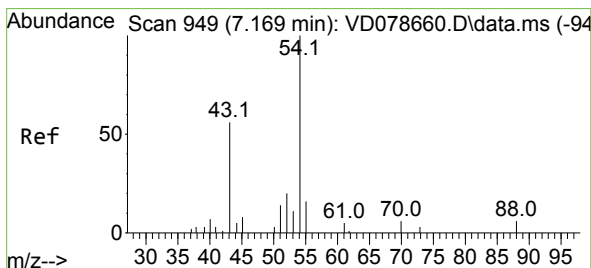
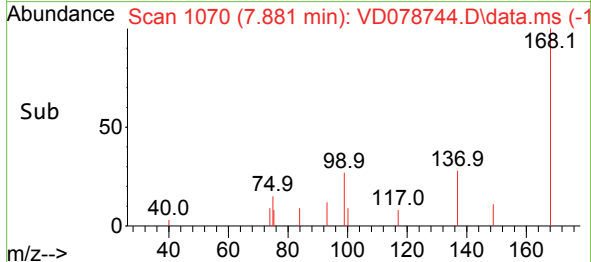
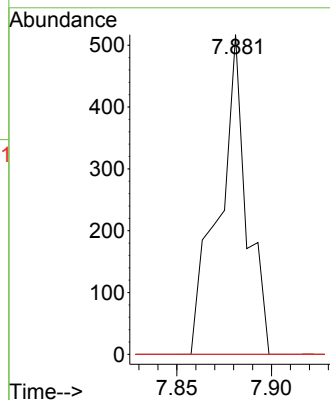
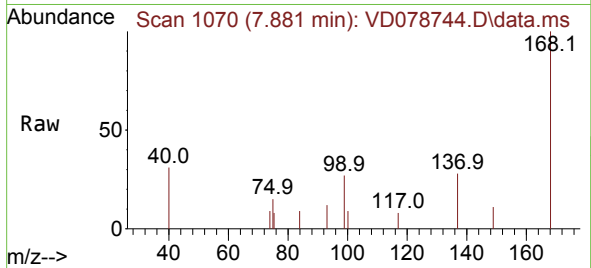




#36
1,1-Dichloropropene
Concen: 5.817 ug/l
RT: 7.881 min Scan# 1092
Delta R.T. -0.129 min
Lab File: VD078744.D
Acq: 22 Mar 2024 15:49

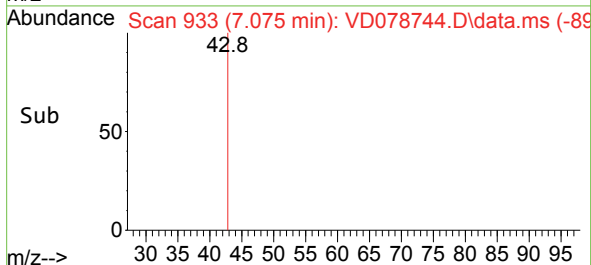
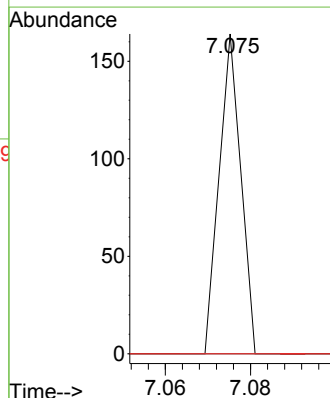
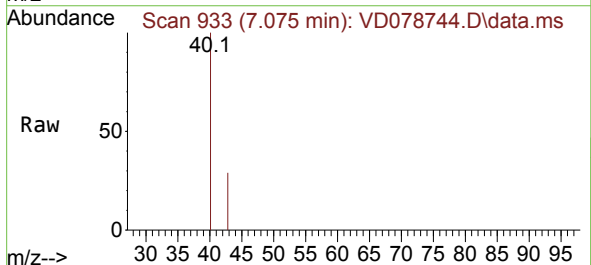
Instrument :
MSVOA_D
ClientSampleId :
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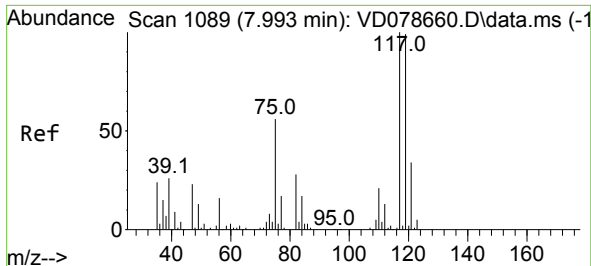
Tgt Ion: 75 Resp: 528
Ion Ratio Lower Upper
75 100
110 0.0 19.1 57.1#
77 0.0 25.4 38.2#



#37
Ethyl Acetate
Concen: 1.956 ug/l
RT: 7.075 min Scan# 933
Delta R.T. -0.094 min
Lab File: VD078744.D
Acq: 22 Mar 2024 15:49

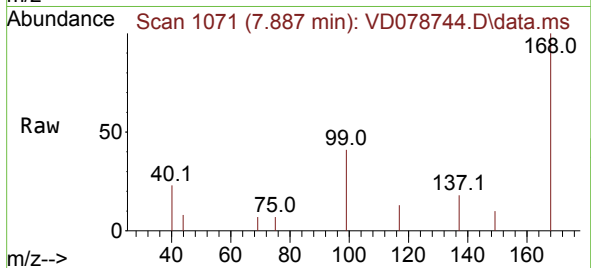
Tgt Ion: 43 Resp: 58
Ion Ratio Lower Upper
43 100
61 0.0 14.6 21.8#
70 0.0 9.4 14.0#



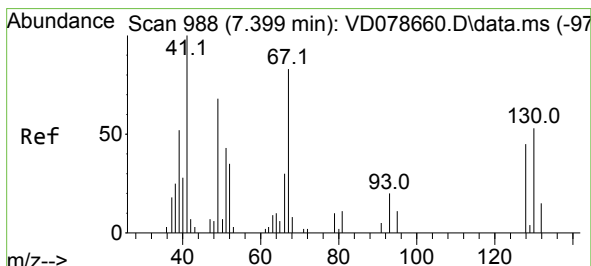
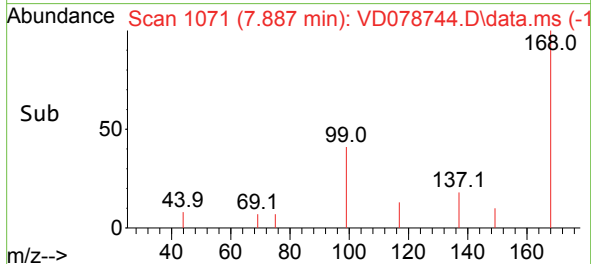
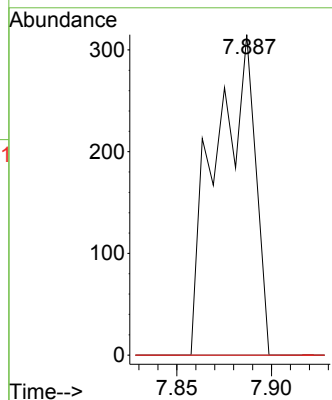


#38
Carbon Tetrachloride
Concen: 4.797 ug/l
RT: 7.887 min Scan# 1089
Delta R.T. -0.106 min
Lab File: VD078744.D
Acq: 22 Mar 2024 15:49

Instrument :
MSVOA_D
ClientSampleId :
600581536

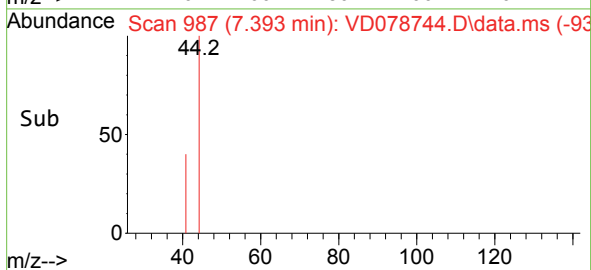
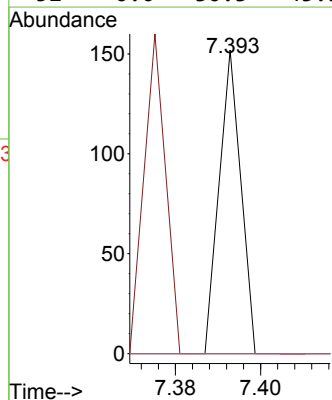
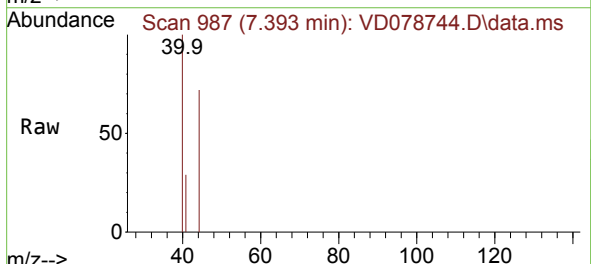


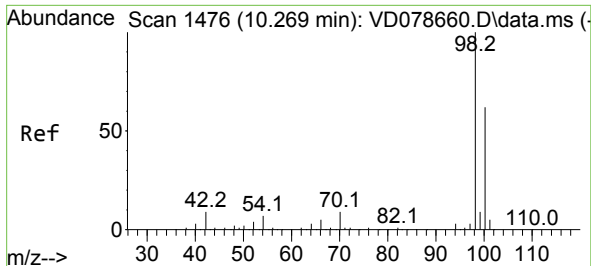
Tgt Ion:117 Resp: 459
Ion Ratio Lower Upper
117 100
119 0.0 79.2 118.8#
121 0.0 26.8 40.2#



#41
Methacrylonitrile
Concen: 3.475 ug/l
RT: 7.393 min Scan# 987
Delta R.T. -0.006 min
Lab File: VD078744.D
Acq: 22 Mar 2024 15:49

Tgt Ion: 41 Resp: 54
Ion Ratio Lower Upper
41 100
39 103.7 39.8 59.6#
67 0.0 83.5 125.3#
52 0.0 30.3 45.5#

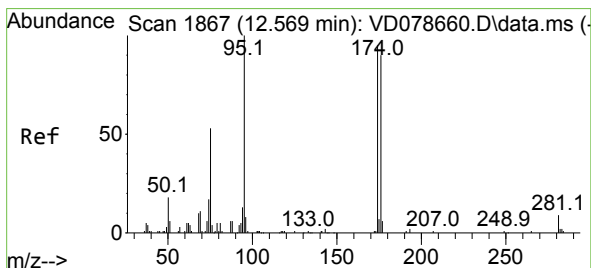
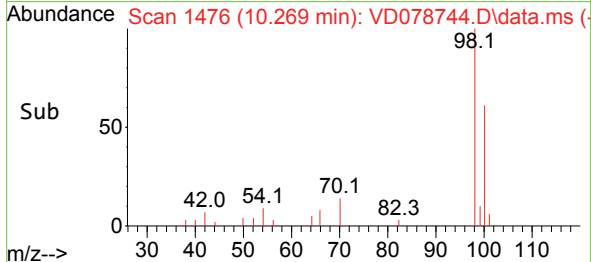
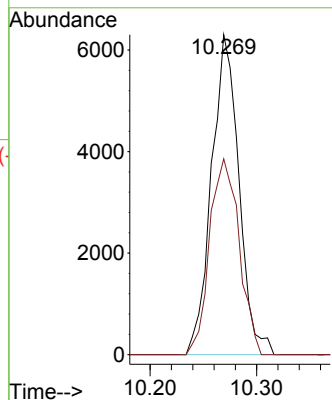
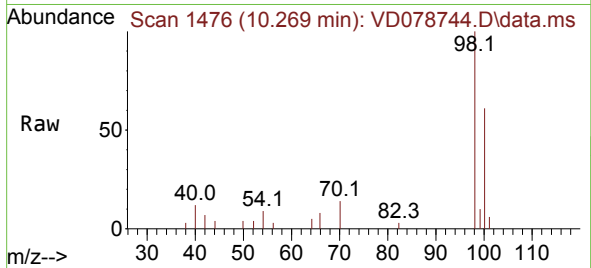




#50
Toluene-d8
Concen: 48.926 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078744.D
Acq: 22 Mar 2024 15:49

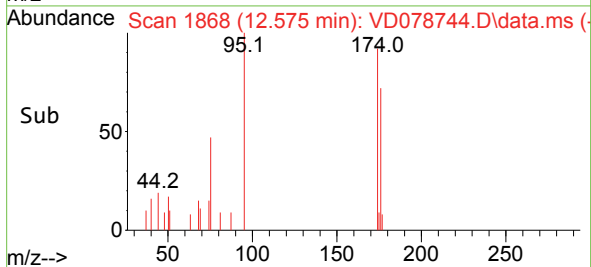
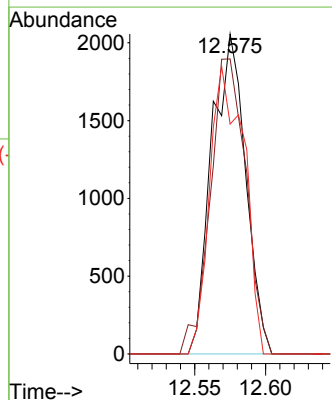
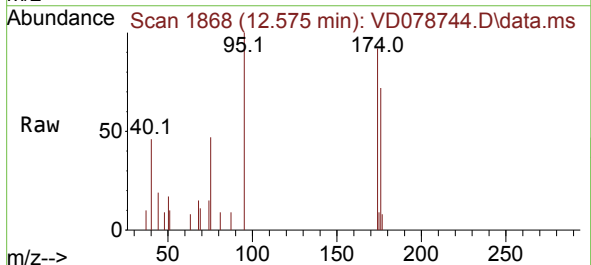
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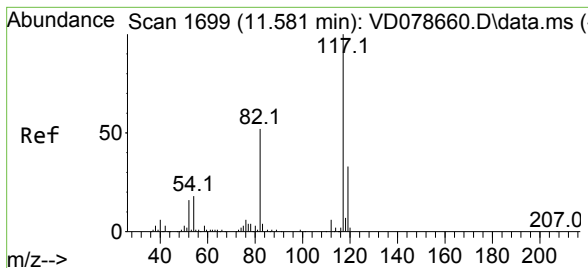
Tgt Ion: 98 Resp: 11256
Ion Ratio Lower Upper
98 100
100 65.9 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 50.649 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD078744.D
Acq: 22 Mar 2024 15:49

Tgt Ion: 95 Resp: 3409
Ion Ratio Lower Upper
95 100
174 97.1 0.0 195.2
176 91.0 0.0 188.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD078744.D

Acq: 22 Mar 2024 15:49

Instrument :

MSVOA_D

ClientSampleId :

600581536

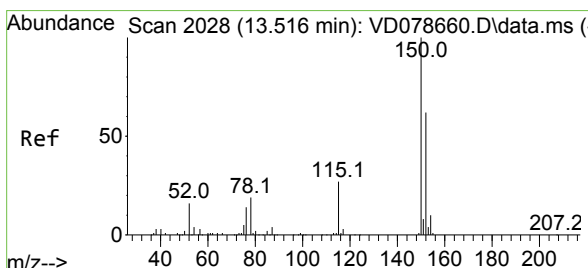
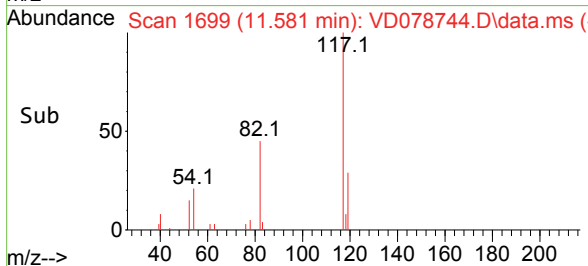
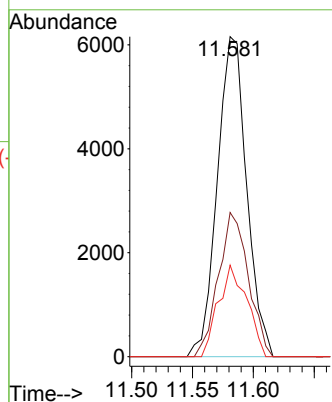
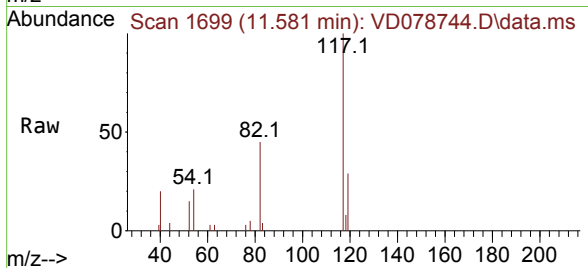
Tgt Ion:117 Resp: 10340

Ion Ratio Lower Upper

117 100

82 45.0 41.4 62.2

119 28.6 26.5 39.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.522 min Scan# 2029

Delta R.T. 0.006 min

Lab File: VD078744.D

Acq: 22 Mar 2024 15:49

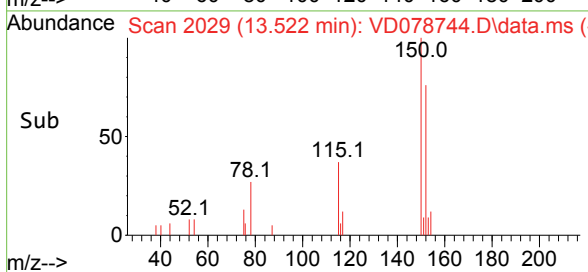
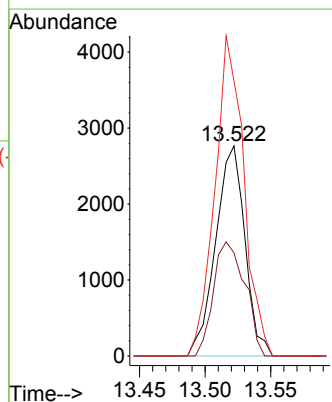
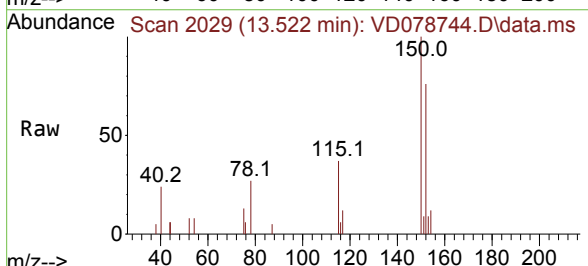
Tgt Ion:152 Resp: 4297

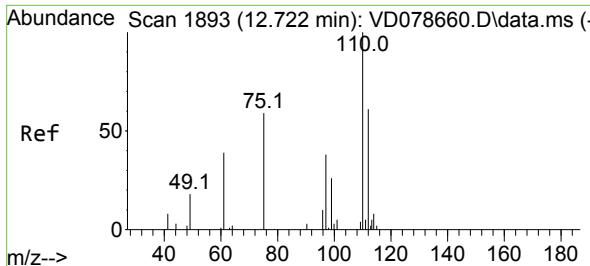
Ion Ratio Lower Upper

152 100

115 58.3 27.1 81.2

150 150.4 0.0 350.2

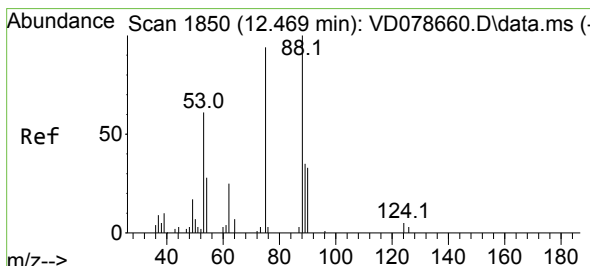
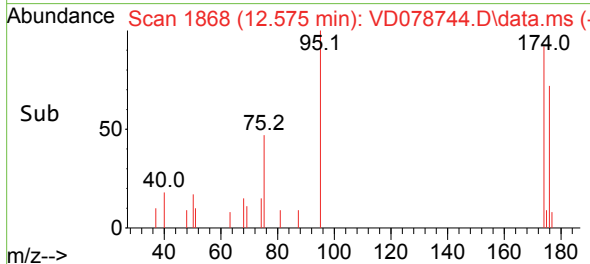
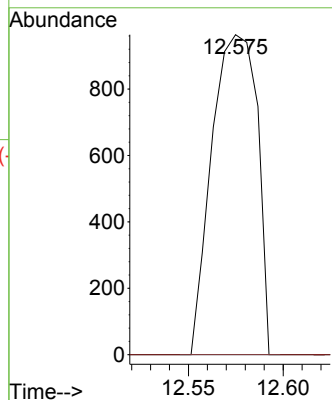
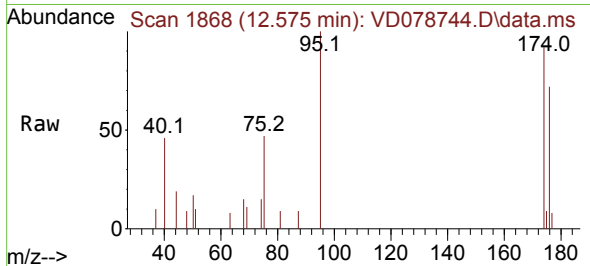




#76
1,2,3-Trichloropropane
Concen: 48.602 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.147 min
Lab File: VD078744.D
Acq: 22 Mar 2024 15:49

Instrument :
MSVOA_D
ClientSampleId :
600581536

Tgt Ion: 75 Resp: 1609
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 101.877 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD078744.D
Acq: 22 Mar 2024 15:49

Tgt Ion: 75 Resp: 1609
Ion Ratio Lower Upper
75 100
53 0.0 61.0 91.6#
89 0.0 35.4 53.0#

