

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072823\
 Data File : VD076863.D
 Acq On : 28 Jul 2023 19:16
 Operator : KP/SY
 Sample : 03810-11
 Misc : 5.01G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B-P08A

Quant Time: Jul 28 23:07:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 17 08:07:52 2023
 Response via : Initial Calibration

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

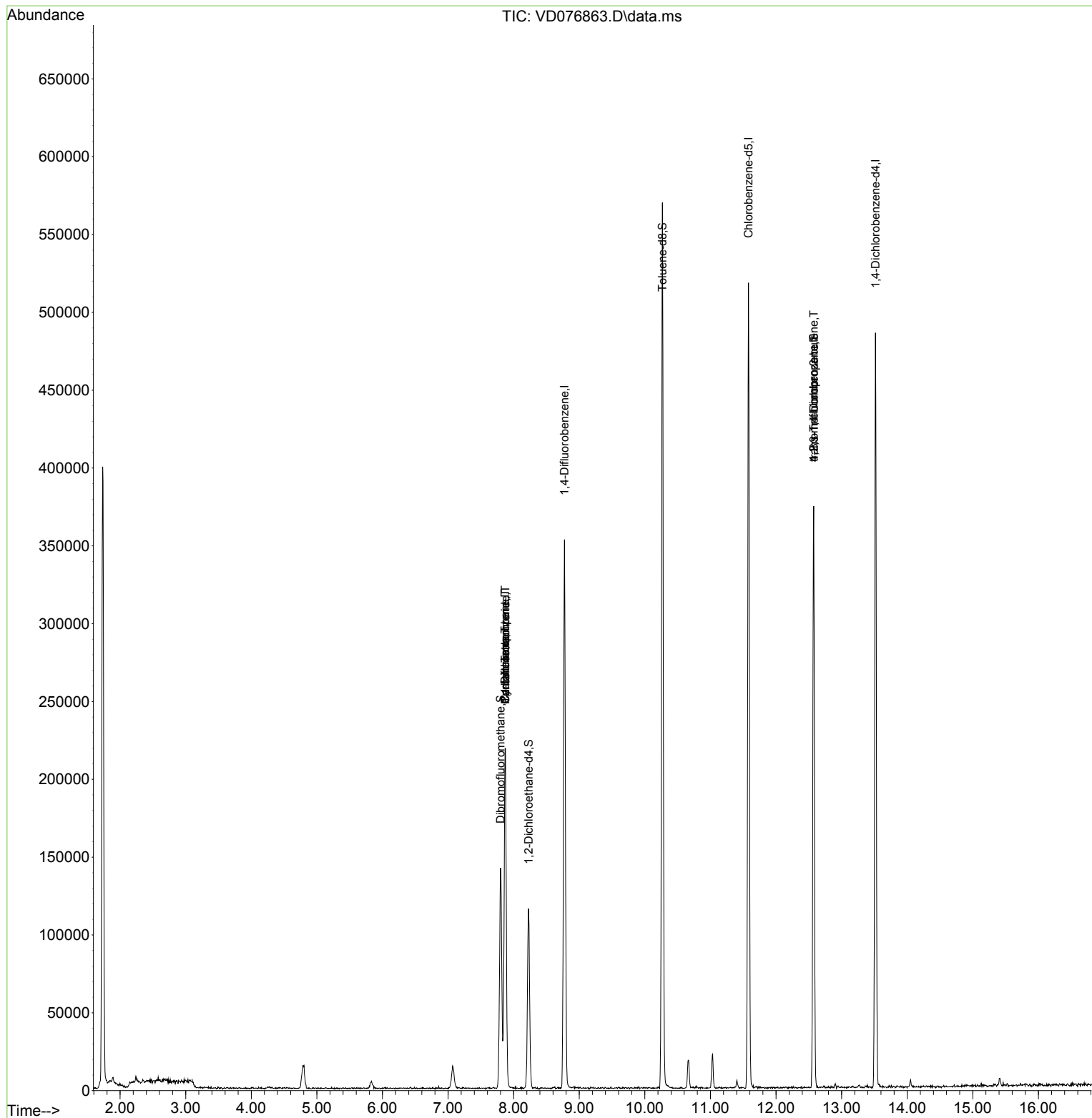
Internal Standards						
1) Pentafluorobenzene	7.875	168	168863	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	317502	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	302946	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	128300	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	87741	52.167	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.340%	
35) Dibromofluoromethane	7.799	113	102445	51.346	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.700%	
50) Toluene-d8	10.269	98	392621	55.007	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 110.020%	
62) 4-Bromofluorobenzene	12.575	95	111144	48.135	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 96.260%	
Target Compounds						Qvalue
20) Methylene Chloride	4.799	84	12123	Below Cal		96
31) Cyclohexane	7.869	56	3517	1.421	ug/l #	1
36) 1,1-Dichloropropene	7.869	75	14242	5.463	ug/l #	48
38) Carbon Tetrachloride	7.875	117	17480	7.002	ug/l #	16
76) 1,2,3-Trichloropropane	12.575	75	59268	48.576	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	59268	103.381	ug/l #	17

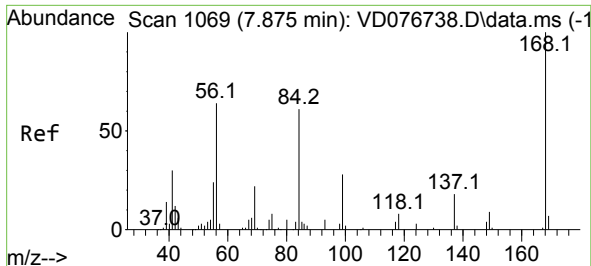
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

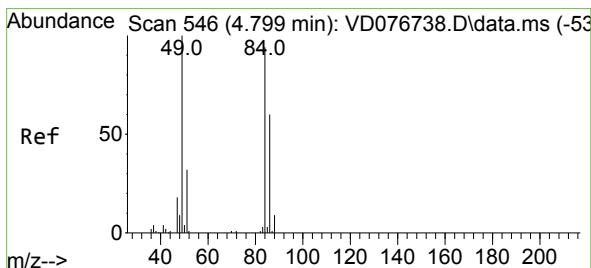
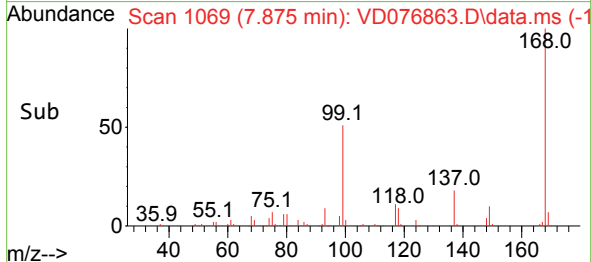
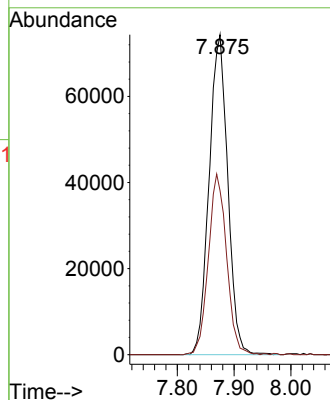
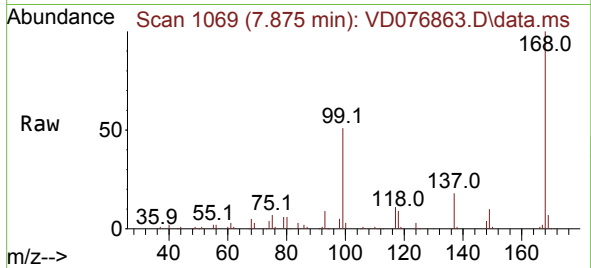




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076863.D
Acq: 28 Jul 2023 19:16

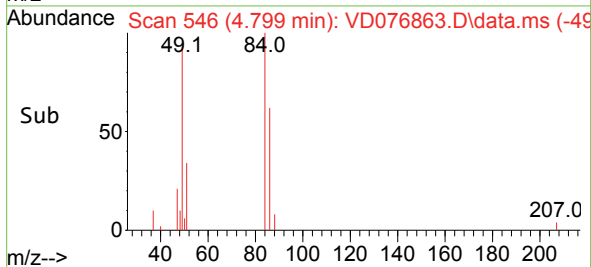
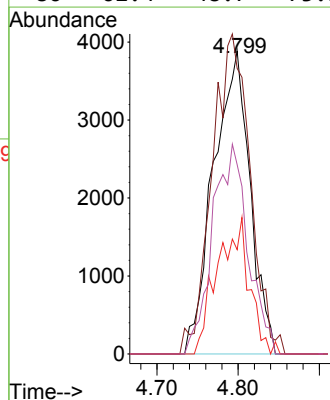
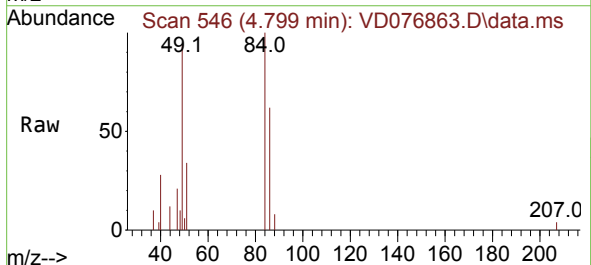
Instrument :
MSVOA_D
ClientSampleId :
B-P08A

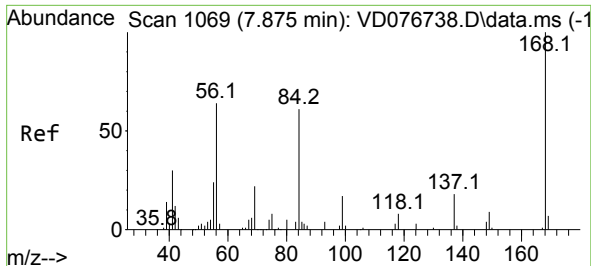
Tgt Ion:168 Resp: 168863
Ion Ratio Lower Upper
168 100
99 51.3 36.7 55.1



#20
Methylene Chloride
Concen: Below Cal
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD076863.D
Acq: 28 Jul 2023 19:16

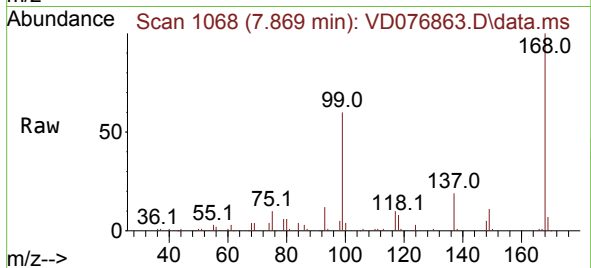
Tgt Ion: 84 Resp: 12123
Ion Ratio Lower Upper
84 100
49 94.2 71.4 107.2
51 34.4 24.5 36.7
86 62.4 48.7 73.1



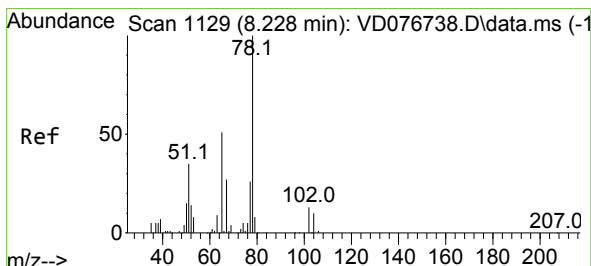
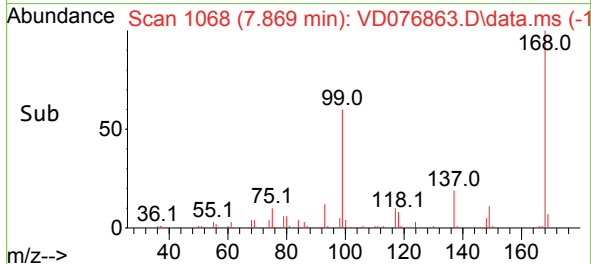
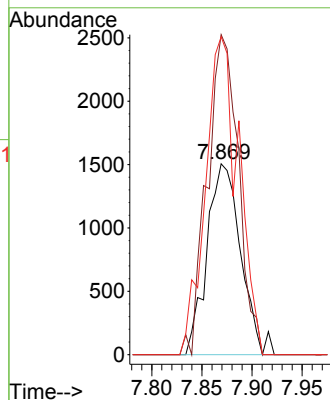


#31
Cyclohexane
Concen: 1.421 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VD076863.D
Acq: 28 Jul 2023 19:16

Instrument :
MSVOA_D
ClientSampleId :
B-P08A

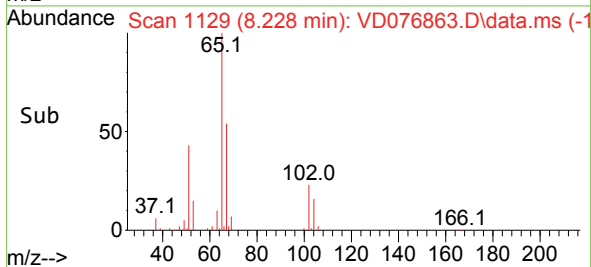
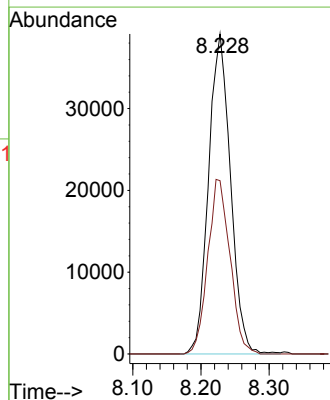
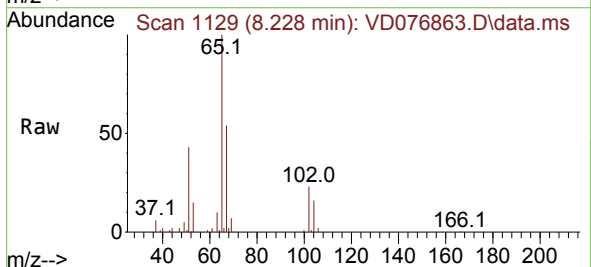


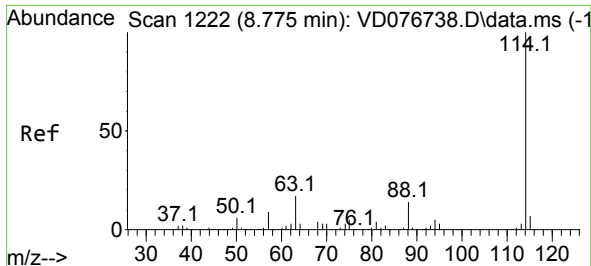
Tgt Ion: 56 Resp: 3517
Ion Ratio Lower Upper
56 100
69 167.7 28.6 43.0#
84 166.6 84.8 127.2#



#33
1,2-Dichloroethane-d4
Concen: 52.167 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD076863.D
Acq: 28 Jul 2023 19:16

Tgt Ion: 65 Resp: 87741
Ion Ratio Lower Upper
65 100
67 55.2 0.0 115.0

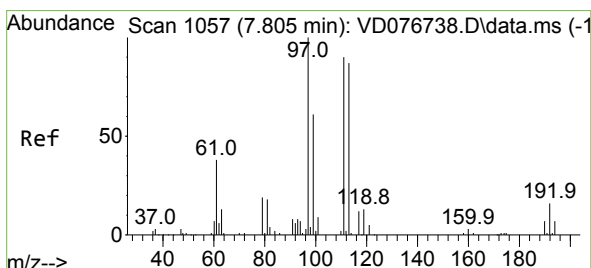
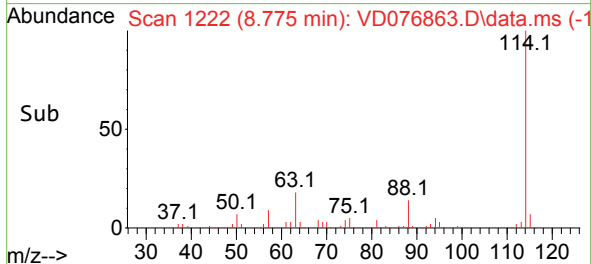
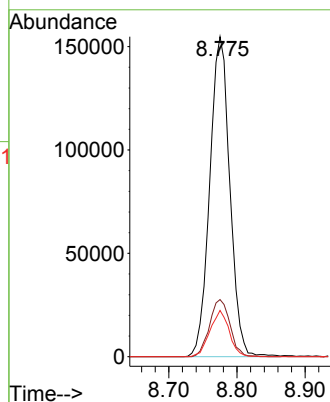
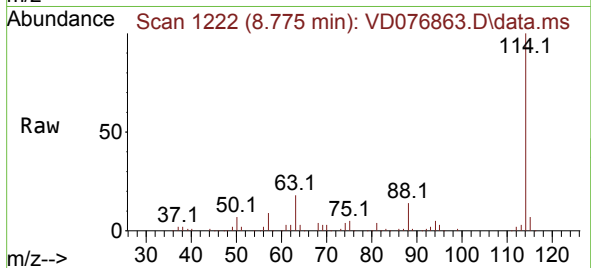




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076863.D
Acq: 28 Jul 2023 19:16

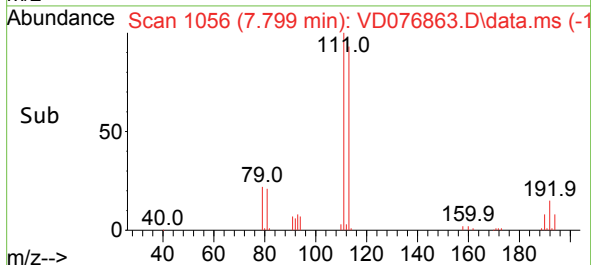
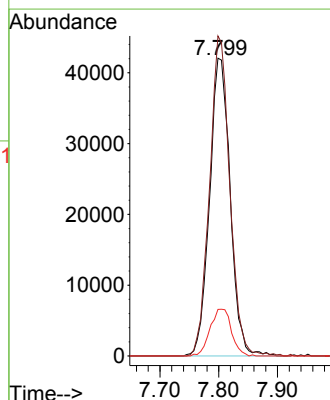
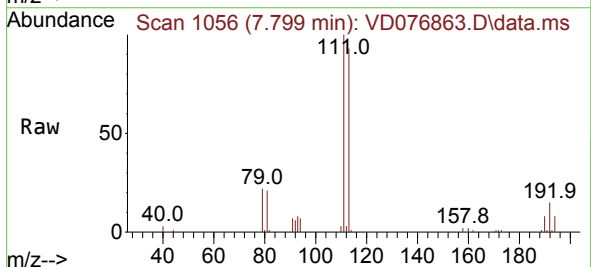
Instrument :
MSVOA_D
ClientSampleId :
B-P08A

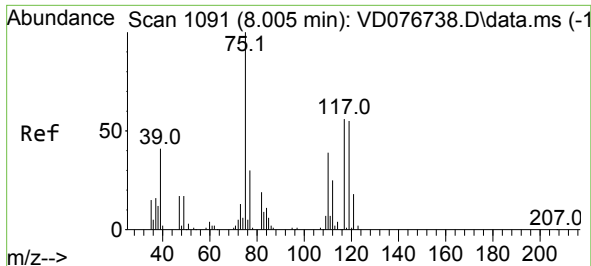
Tgt Ion:114 Resp: 317502
Ion Ratio Lower Upper
114 100
63 17.9 0.0 33.4
88 14.5 0.0 26.2



#35
Dibromofluoromethane
Concen: 51.346 ug/l
RT: 7.799 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VD076863.D
Acq: 28 Jul 2023 19:16

Tgt Ion:113 Resp: 102445
Ion Ratio Lower Upper
113 100
111 105.9 84.7 127.1
192 16.3 16.8 25.2#

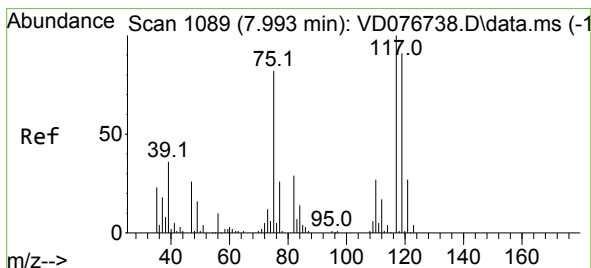
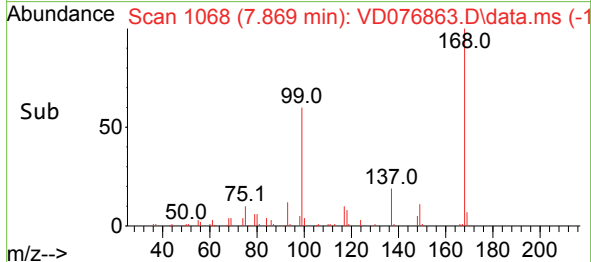
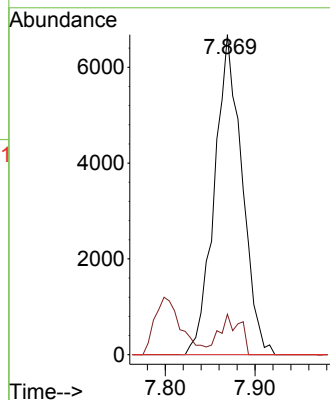
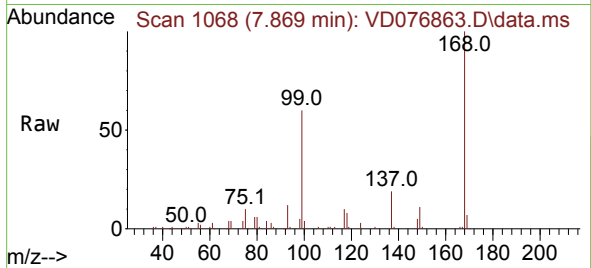




#36
1,1-Dichloropropene
Concen: 5.463 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.136 min
Lab File: VD076863.D
Acq: 28 Jul 2023 19:16

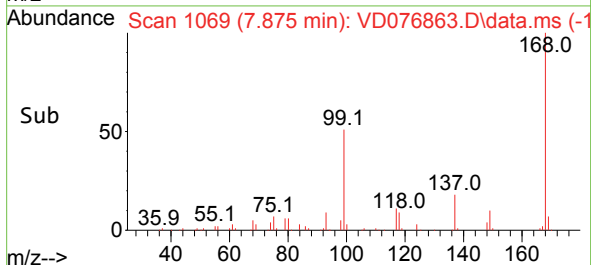
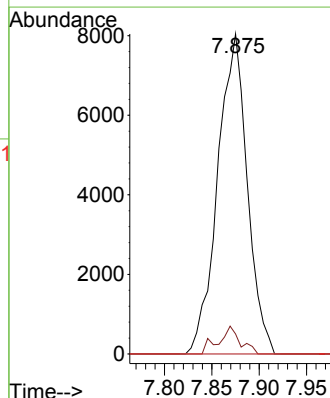
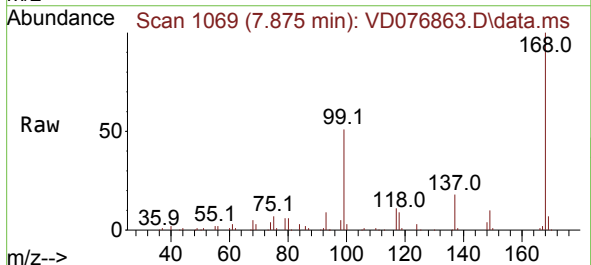
Instrument :
MSVOA_D
ClientSampleId :
B-P08A

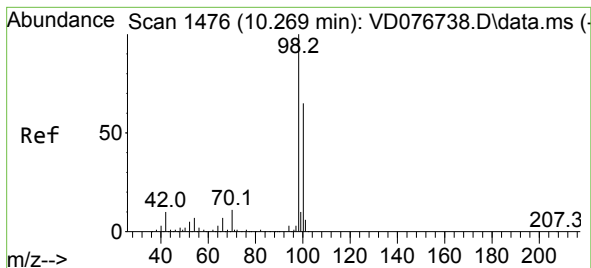
Tgt Ion: 75 Resp: 14242
Ion Ratio Lower Upper
75 100
110 9.5 19.9 59.6#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 7.002 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.118 min
Lab File: VD076863.D
Acq: 28 Jul 2023 19:16

Tgt Ion: 117 Resp: 17480
Ion Ratio Lower Upper
117 100
119 6.3 78.0 117.0#
121 0.0 24.2 36.2#

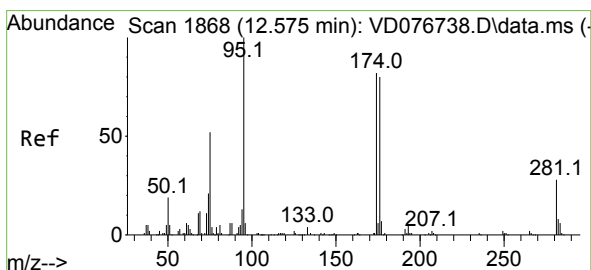
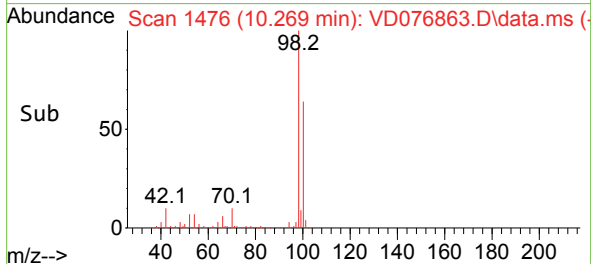
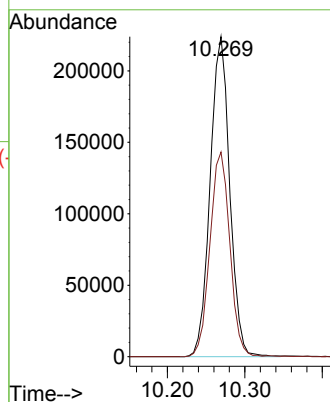
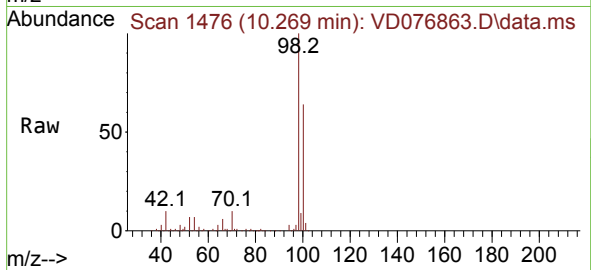




#50
Toluene-d8
Concen: 55.007 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076863.D
Acq: 28 Jul 2023 19:16

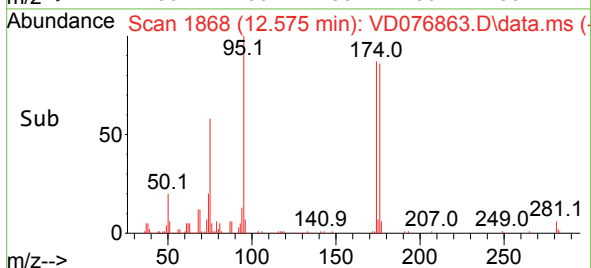
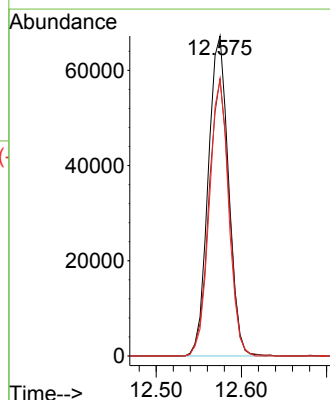
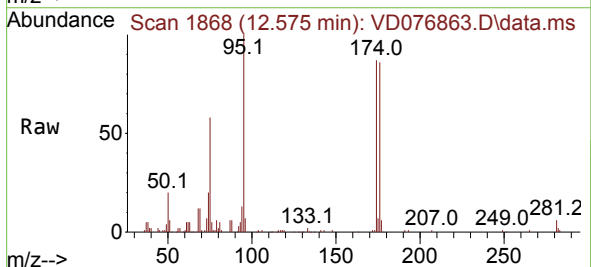
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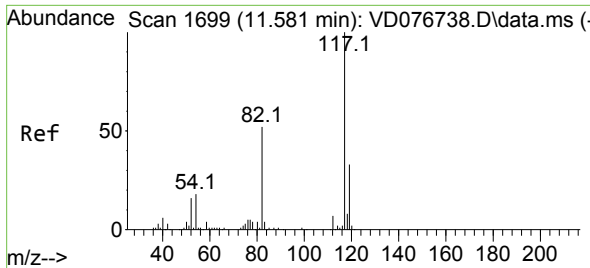
Tgt Ion: 98 Resp: 392621
Ion Ratio Lower Upper
98 100
100 65.1 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 48.135 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076863.D
Acq: 28 Jul 2023 19:16

Tgt Ion: 95 Resp: 111144
Ion Ratio Lower Upper
95 100
174 86.1 0.0 201.8
176 82.4 0.0 191.8

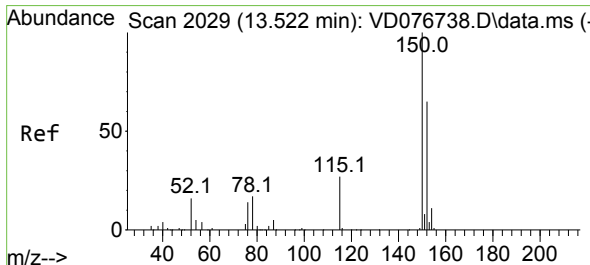
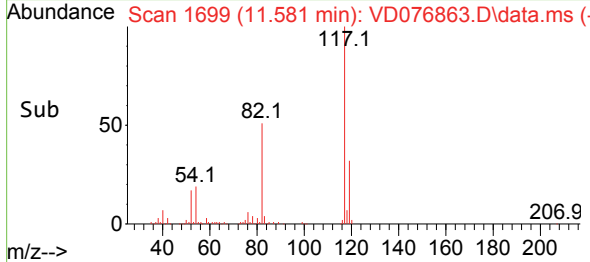
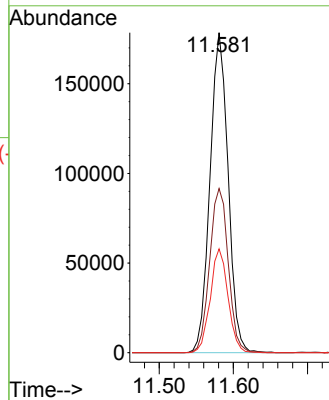
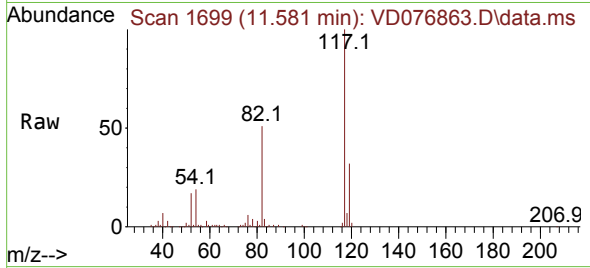




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076863.D
Acq: 28 Jul 2023 19:16

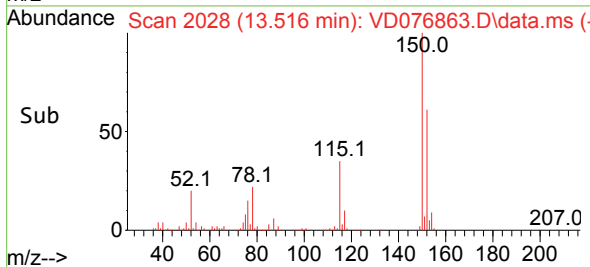
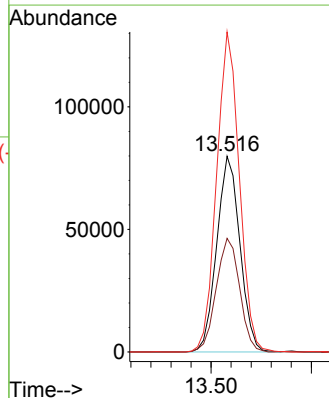
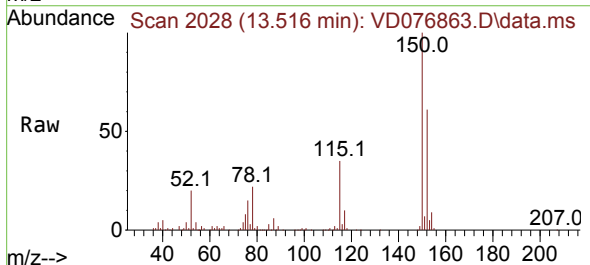
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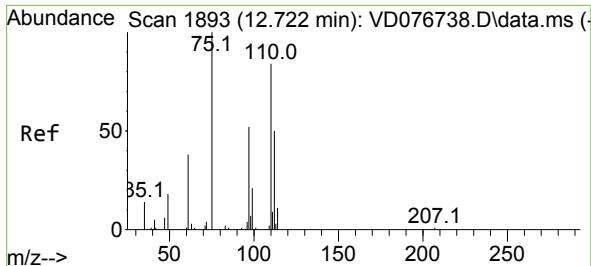
Tgt Ion:117 Resp: 302946
Ion Ratio Lower Upper
117 100
82 51.3 38.3 57.5
119 32.5 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD076863.D
Acq: 28 Jul 2023 19:16

Tgt Ion:152 Resp: 128300
Ion Ratio Lower Upper
152 100
115 58.7 27.1 81.3
150 159.9 0.0 353.6

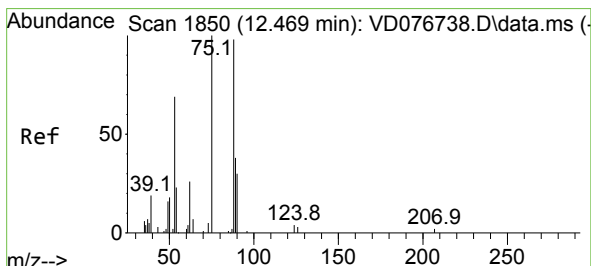
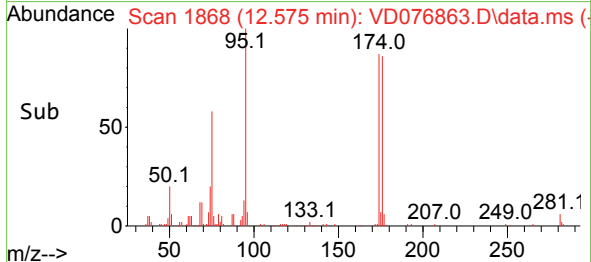
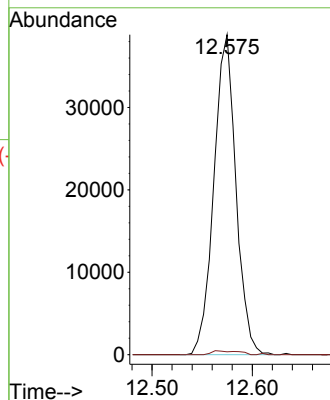
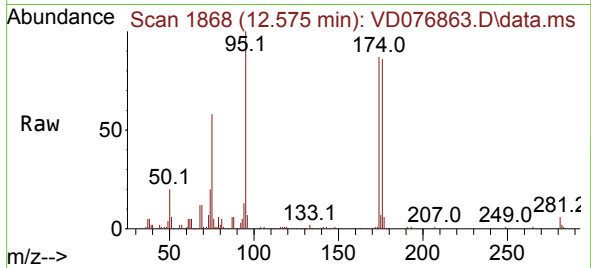




#76
1,2,3-Trichloropropane
Concen: 48.576 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.147 min
Lab File: VD076863.D
Acq: 28 Jul 2023 19:16

Instrument :
MSVOA_D
ClientSampleId :
B-P08A

Tgt Ion: 75 Resp: 59268
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 103.381 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD076863.D
Acq: 28 Jul 2023 19:16

Tgt Ion: 75 Resp: 59268
Ion Ratio Lower Upper
75 100
53 0.0 63.0 94.4#
89 0.0 37.9 56.9#

