

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042222\
 Data File : VD072690.D
 Acq On : 22 Apr 2022 13:20
 Operator : VA/SY
 Sample : N2494-04
 Misc : 5.09G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MH-1D

Quant Time: Apr 22 23:44:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D032922S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 30 02:44:36 2022
 Response via : Initial Calibration

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

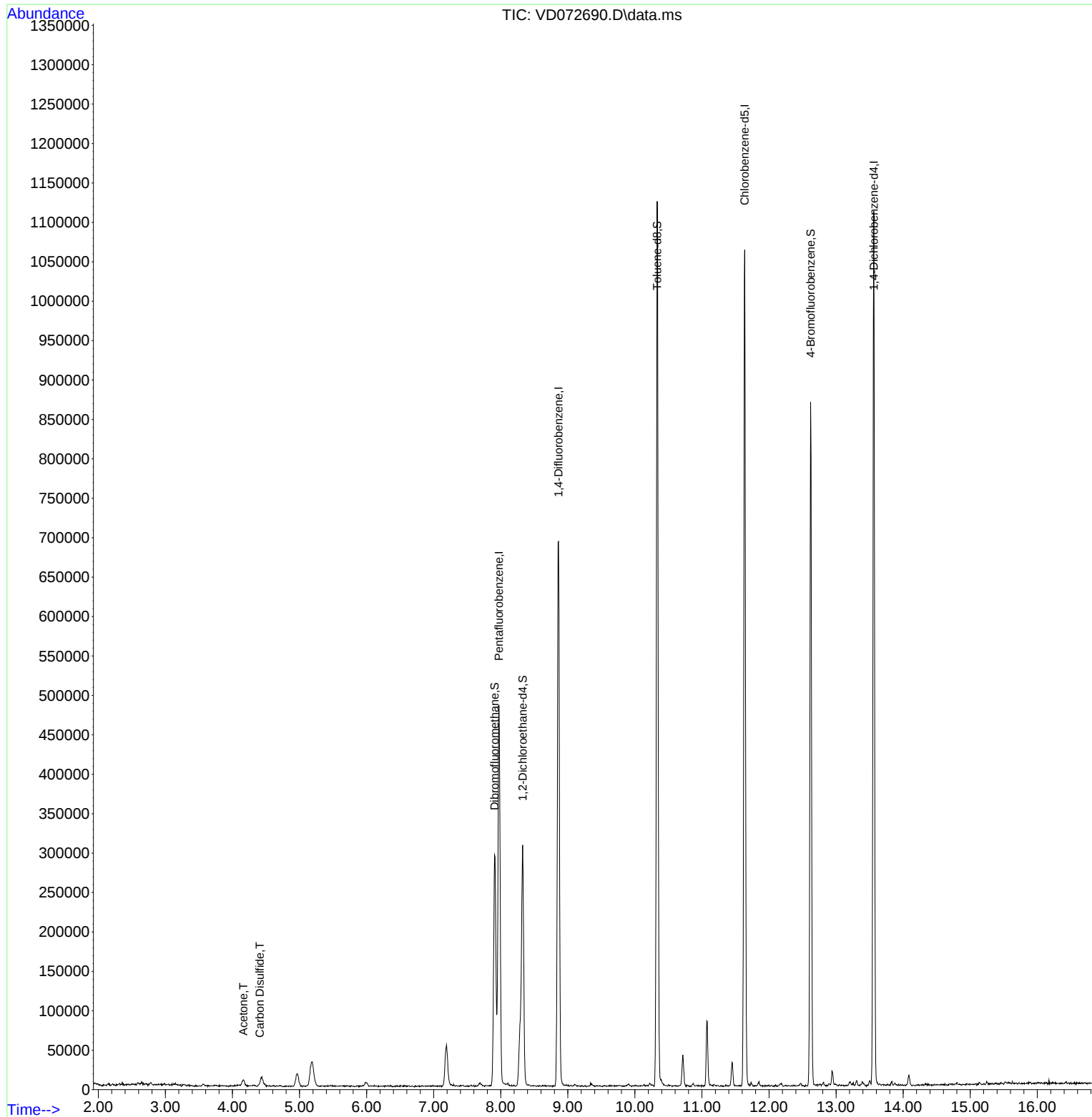
Internal Standards						
1) Pentafluorobenzene	7.973	168	351826	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	628755	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	631472	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	287789	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	233508	54.865	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.740%	
35) Dibromofluoromethane	7.909	113	218208	44.657	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 89.320%	
50) Toluene-d8	10.332	98	747769	44.025	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 88.060%	
62) 4-Bromofluorobenzene	12.620	95	278530	41.989	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 83.980%	
Target Compounds						Qvalue
16) Acetone	4.162	43	14883	18.754	ug/l #	85
17) Carbon Disulfide	4.409	76	2123	3.914	ug/l #	57

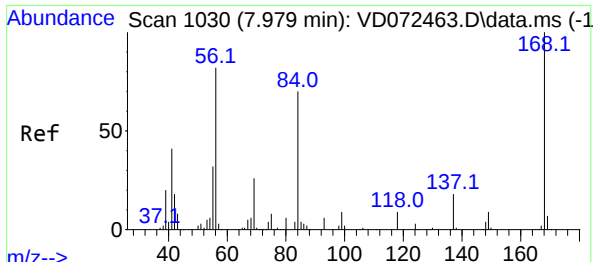
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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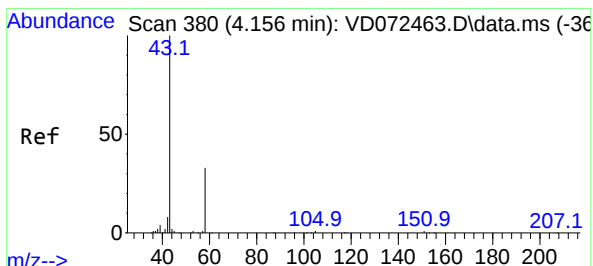
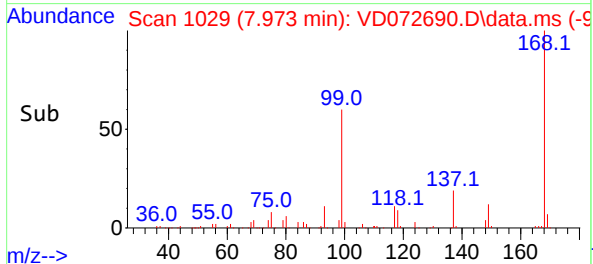
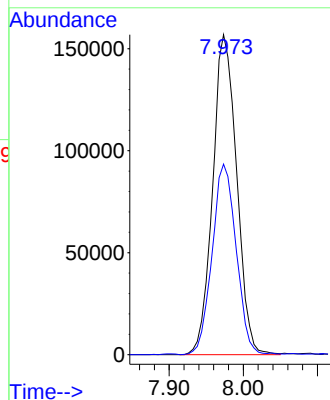
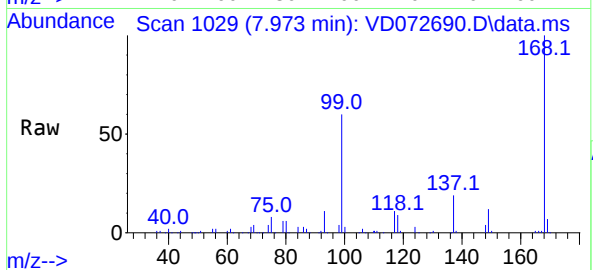




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD072690.D
Acq: 22 Apr 2022 13:20

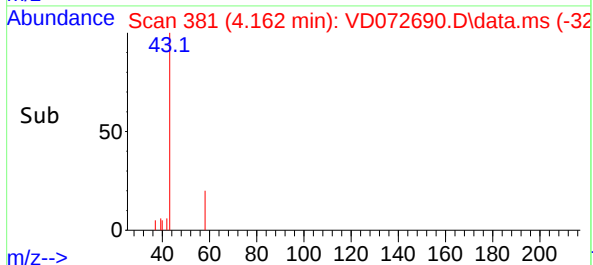
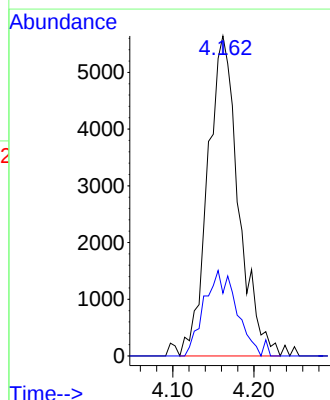
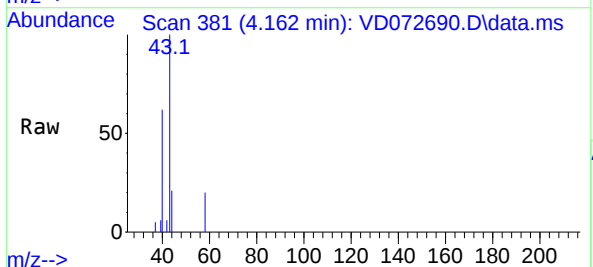
Instrument :
MSVOA_D
ClientSampleId :
MH-1D

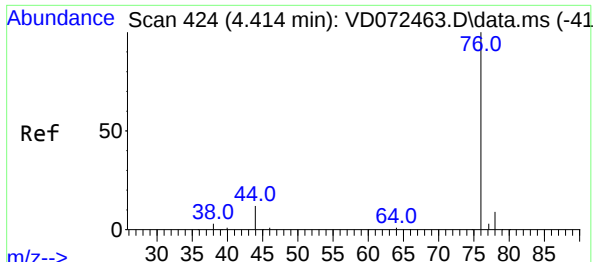
Tgt Ion:168 Resp: 351826
Ion Ratio Lower Upper
168 100
99 59.5 49.8 74.6



#16
Acetone
Concen: 18.754 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD072690.D
Acq: 22 Apr 2022 13:20

Tgt Ion: 43 Resp: 14883
Ion Ratio Lower Upper
43 100
58 19.6 22.1 33.1#

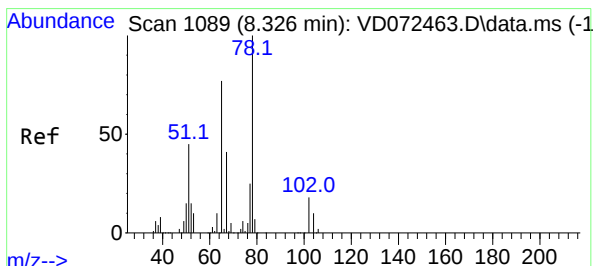
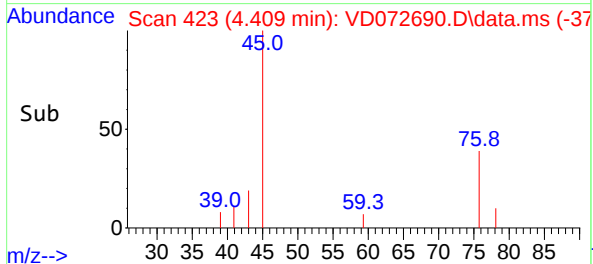
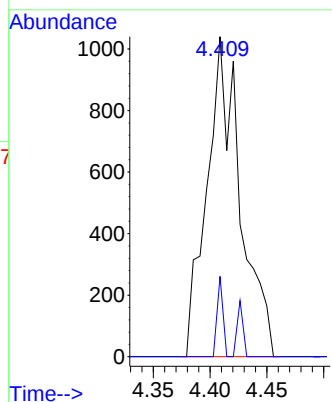
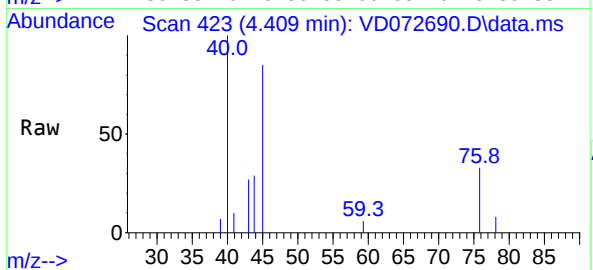




#17
Carbon Disulfide
Concen: 3.914 ug/l
RT: 4.409 min Scan# 41
Delta R.T. -0.005 min
Lab File: VD072690.D
Acq: 22 Apr 2022 13:20

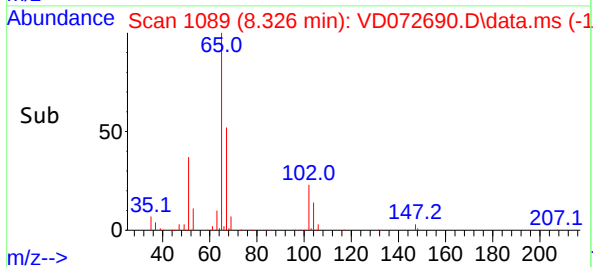
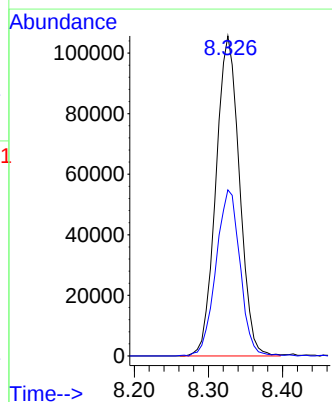
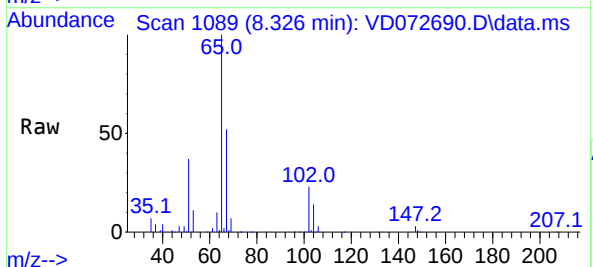
Instrument :
MSVOA_D
ClientSampleId :
MH-1D

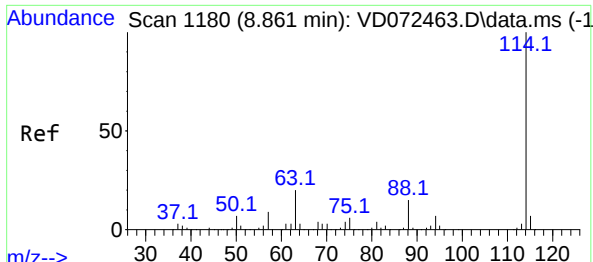
Tgt Ion: 76 Resp: 2123
Ion Ratio Lower Upper
76 100
78 25.1 7.5 11.3#



#33
1,2-Dichloroethane-d4
Concen: 54.865 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD072690.D
Acq: 22 Apr 2022 13:20

Tgt Ion: 65 Resp: 233508
Ion Ratio Lower Upper
65 100
67 53.1 0.0 101.4

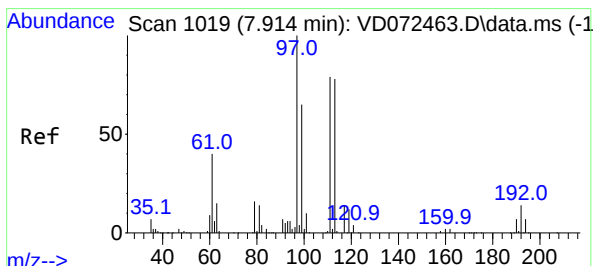
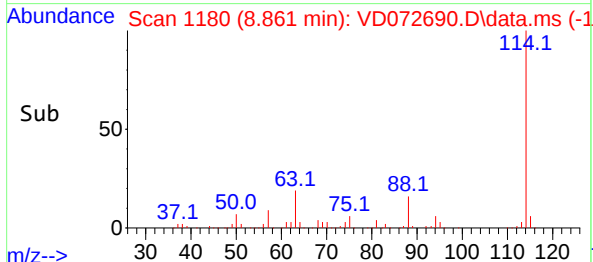
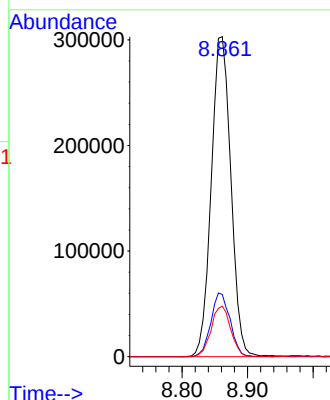
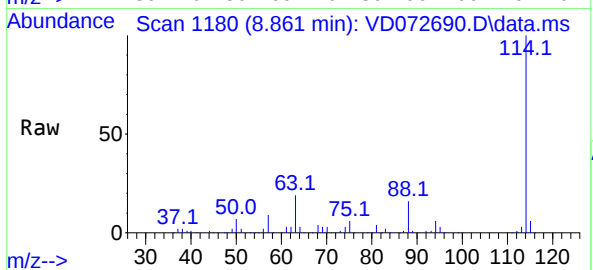




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD072690.D
Acq: 22 Apr 2022 13:20

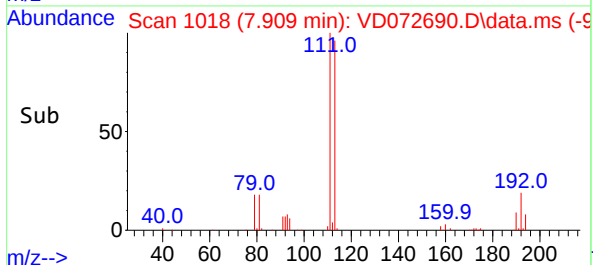
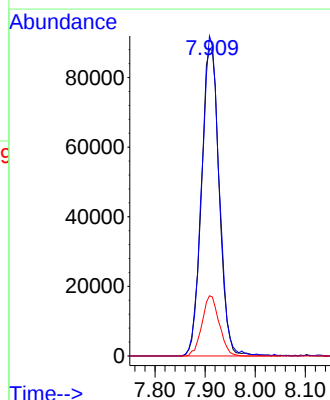
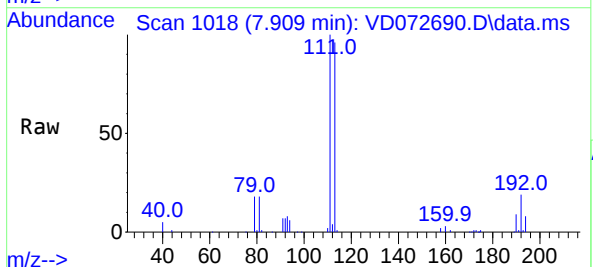
Instrument :
MSVOA_D
ClientSampleId :
MH-1D

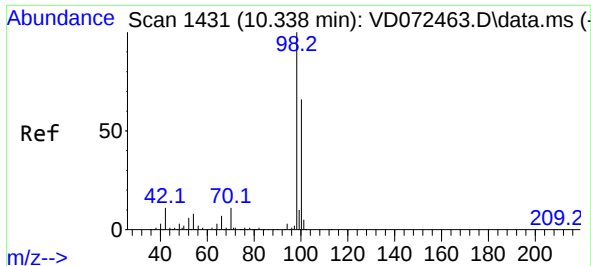
Tgt Ion:114 Resp: 628755
Ion Ratio Lower Upper
114 100
63 19.5 0.0 46.6
88 15.8 0.0 33.2



#35
Dibromofluoromethane
Concen: 44.657 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD072690.D
Acq: 22 Apr 2022 13:20

Tgt Ion:113 Resp: 218208
Ion Ratio Lower Upper
113 100
111 101.2 83.8 125.6
192 18.9 14.6 21.8

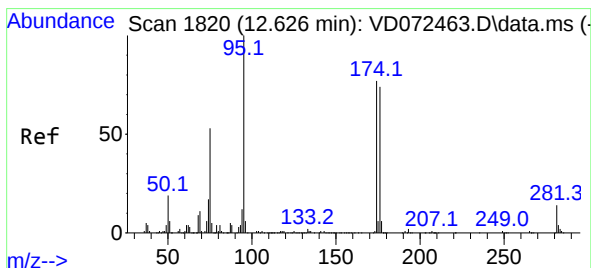
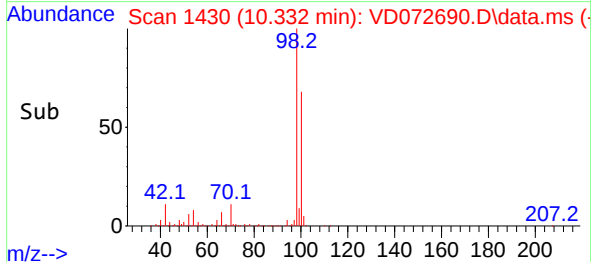
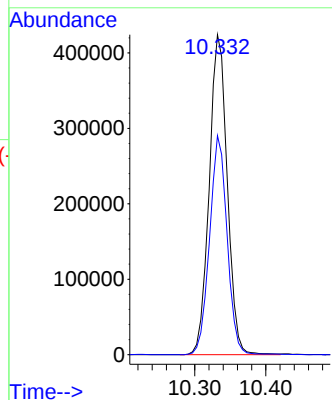
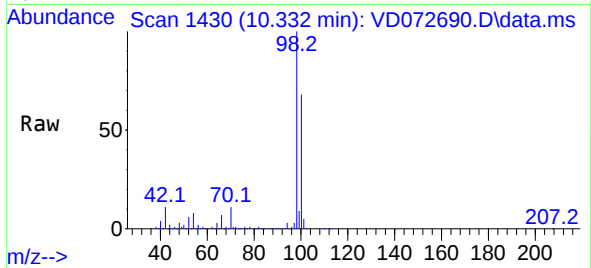




#50
Toluene-d8
Concen: 44.025 ug/l
RT: 10.332 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD072690.D
Acq: 22 Apr 2022 13:20

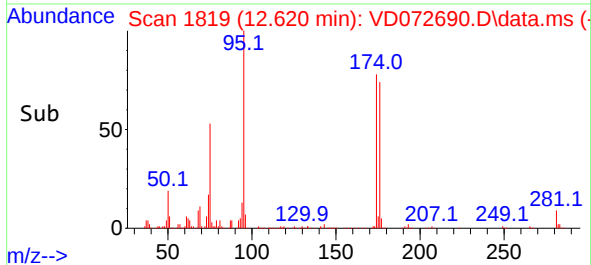
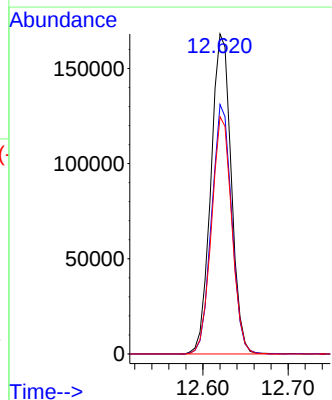
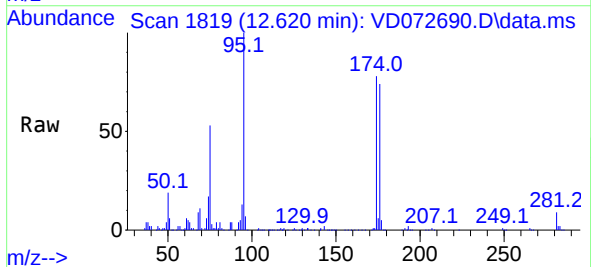
Instrument :
MSVOA_D
ClientSampleId :
MH-1D

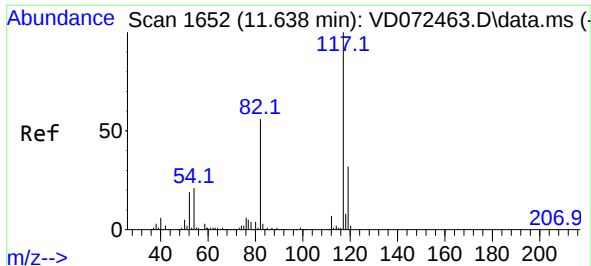
Tgt Ion: 98 Resp: 747769
Ion Ratio Lower Upper
98 100
100 66.6 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 41.989 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD072690.D
Acq: 22 Apr 2022 13:20

Tgt Ion: 95 Resp: 278530
Ion Ratio Lower Upper
95 100
174 76.9 0.0 152.8
176 73.9 0.0 145.4

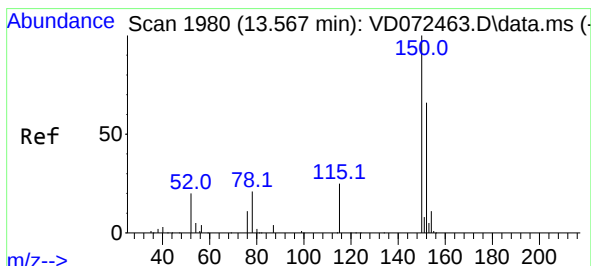
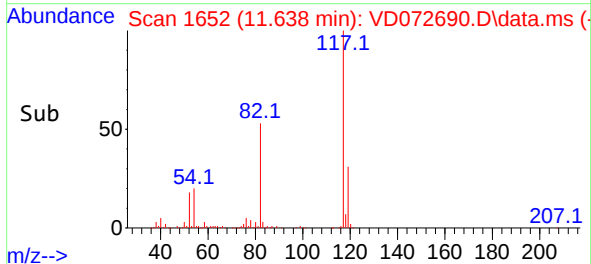
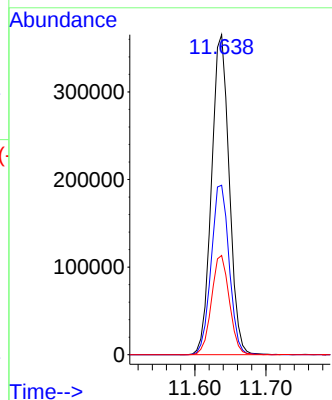
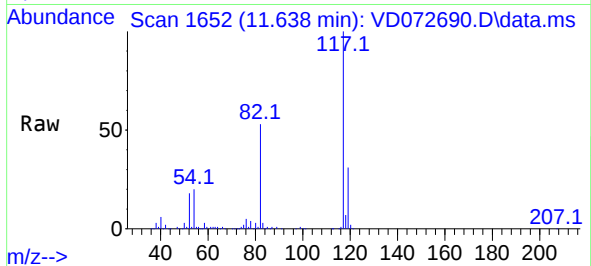




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD072690.D
Acq: 22 Apr 2022 13:20

Instrument :
MSVOA_D
ClientSampleId :
MH-1D

Tgt Ion:117 Resp: 631472
Ion Ratio Lower Upper
117 100
82 52.9 45.3 67.9
119 31.0 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD072690.D
Acq: 22 Apr 2022 13:20

Tgt Ion:152 Resp: 287789
Ion Ratio Lower Upper
152 100
115 62.2 31.3 93.8
150 158.1 0.0 348.6

