

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD113021\
 Data File : VD071084.D
 Acq On : 30 Nov 2021 13:45
 Operator : VA/SY
 Sample : M4849-01
 Misc : 5.05G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 HD-1-112921

Quant Time: Dec 01 03:32:49 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D112921S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 29 17:54:09 2021
 Response via : Initial Calibration

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

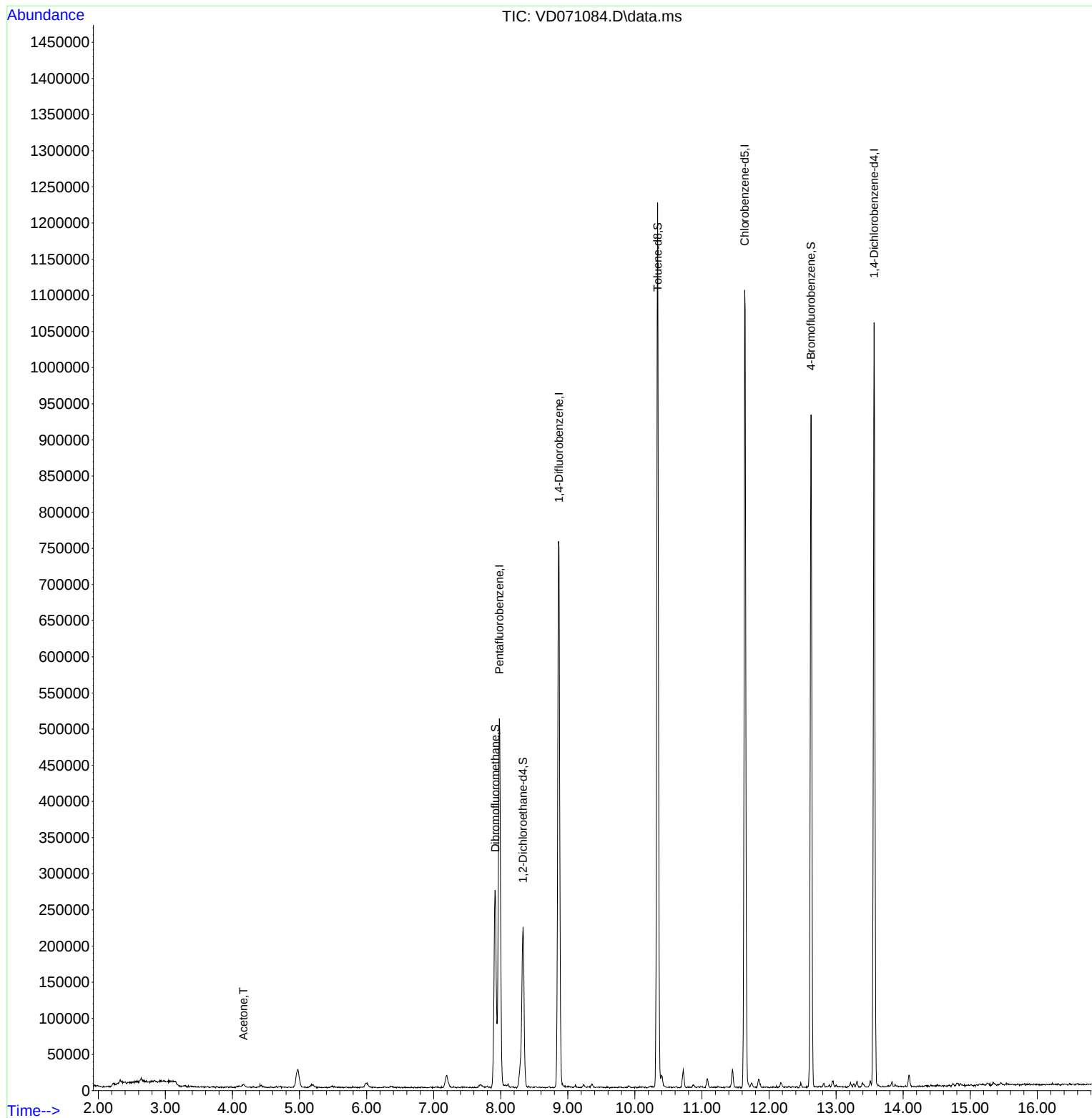
Internal Standards						
1) Pentafluorobenzene	7.979	168	363272	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	628860	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	591949	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	255164	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	170516	40.003	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	80.000%
35) Dibromofluoromethane	7.920	113	189133	47.230	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.460%
50) Toluene-d8	10.338	98	779890	51.176	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.360%
62) 4-Bromofluorobenzene	12.626	95	270344	51.177	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	102.360%
Target Compounds						
16) Acetone	4.162	43	7802	36.840	ug/l	Qvalue # 84

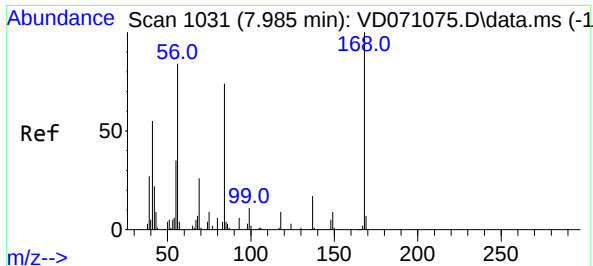
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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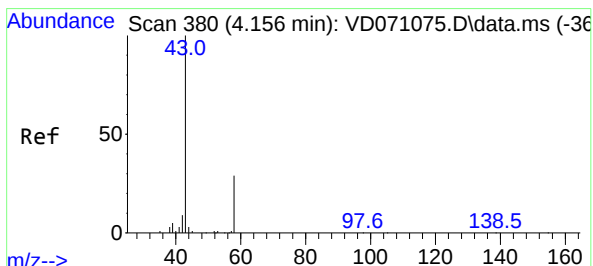
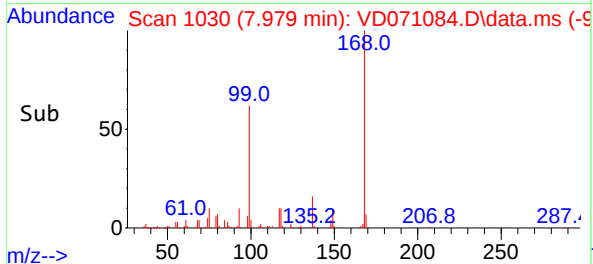
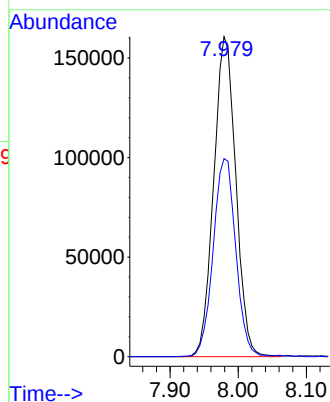
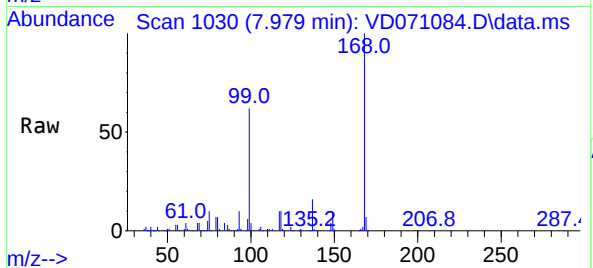




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VD071084.D
Acq: 30 Nov 2021 13:45

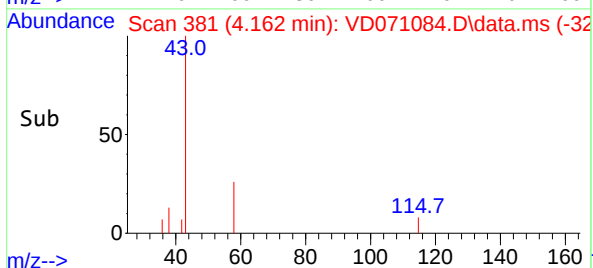
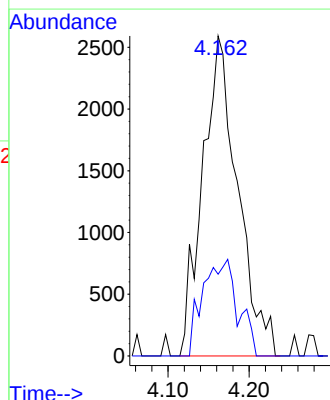
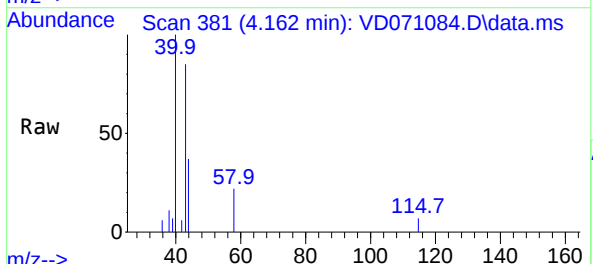
Instrument :
MSVOA_D
ClientSampleId :
HD-1-112921

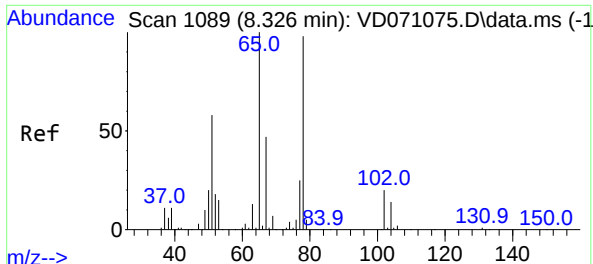
Tgt Ion:168 Resp: 363272
Ion Ratio Lower Upper
168 100
99 61.8 46.6 69.8



#16
Acetone
Concen: 36.840 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD071084.D
Acq: 30 Nov 2021 13:45

Tgt Ion: 43 Resp: 7802
Ion Ratio Lower Upper
43 100
58 25.5 27.8 41.8#

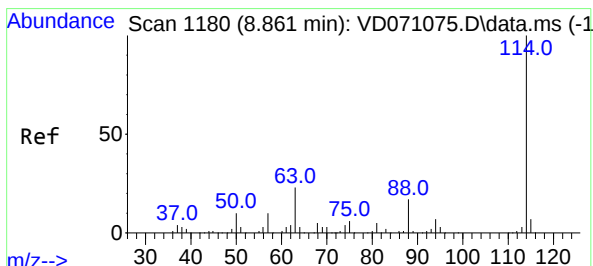
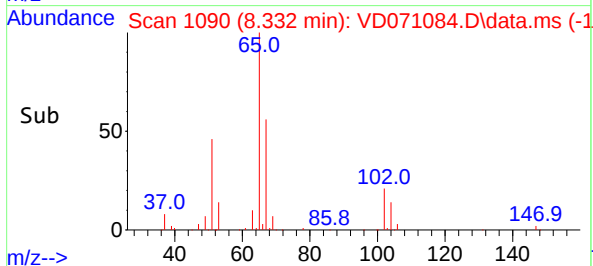
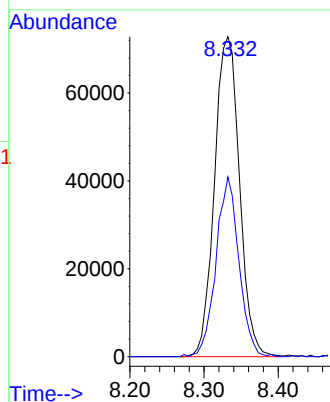
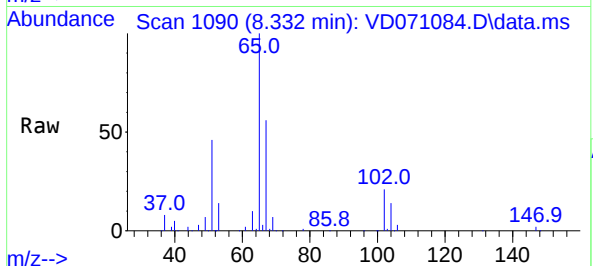




#33
1,2-Dichloroethane-d4
Concen: 40.003 ug/l
RT: 8.332 min Scan# 1089
Delta R.T. 0.006 min
Lab File: VD071084.D
Acq: 30 Nov 2021 13:45

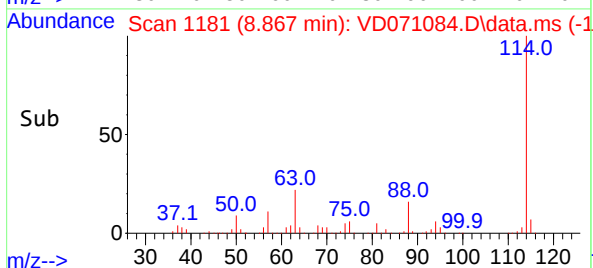
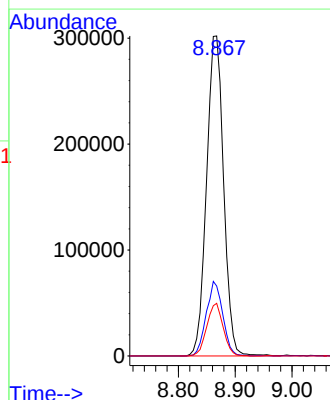
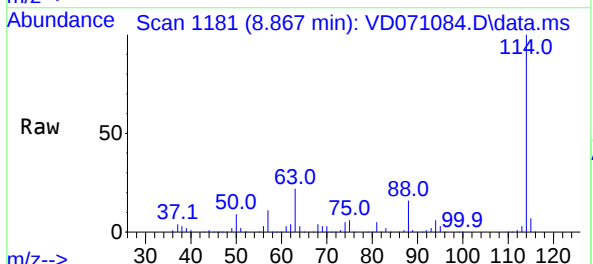
Instrument :
MSVOA_D
ClientSampleId :
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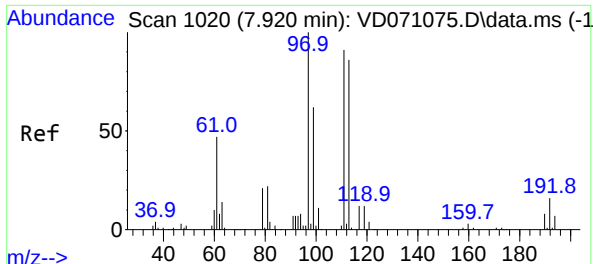
Tgt Ion: 65 Resp: 170516
Ion Ratio Lower Upper
65 100
67 51.5 0.0 112.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.006 min
Lab File: VD071084.D
Acq: 30 Nov 2021 13:45

Tgt Ion: 114 Resp: 628860
Ion Ratio Lower Upper
114 100
63 21.9 0.0 41.8
88 16.5 0.0 32.8

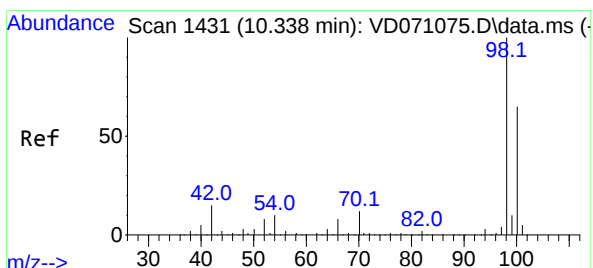
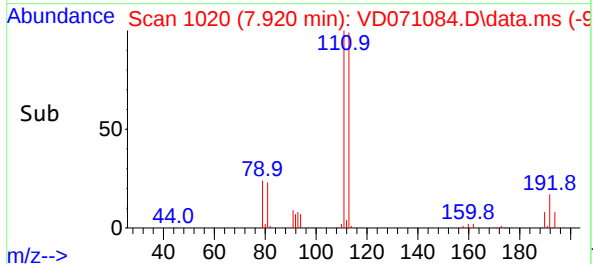
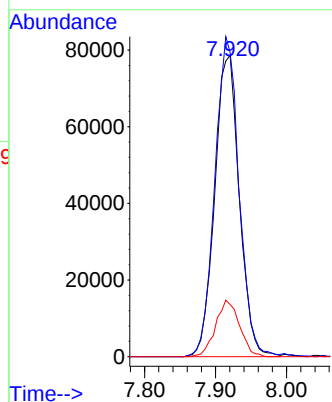
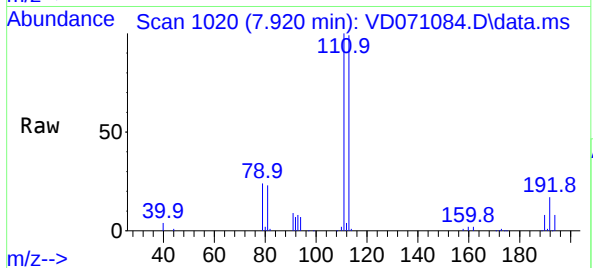




#35
Dibromofluoromethane
Concen: 47.230 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD071084.D
Acq: 30 Nov 2021 13:45

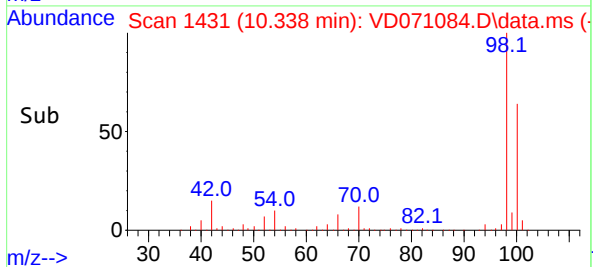
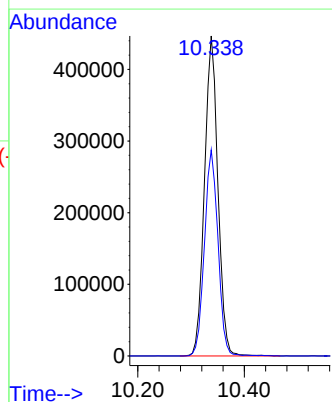
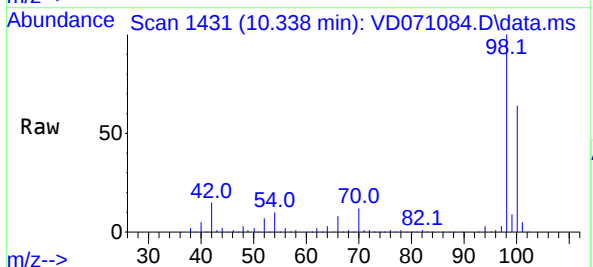
Instrument :
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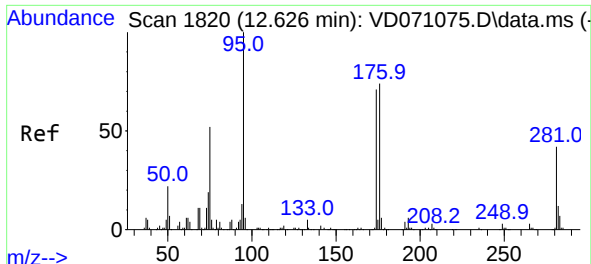
Tgt Ion:113 Resp: 189133
Ion Ratio Lower Upper
113 100
111 104.4 82.0 123.0
192 18.2 15.2 22.8



#50
Toluene-d8
Concen: 51.176 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD071084.D
Acq: 30 Nov 2021 13:45

Tgt Ion: 98 Resp: 779890
Ion Ratio Lower Upper
98 100
100 64.7 51.8 77.6

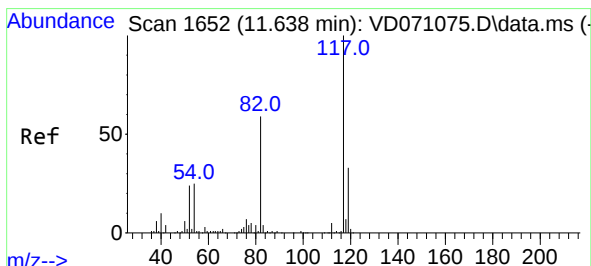
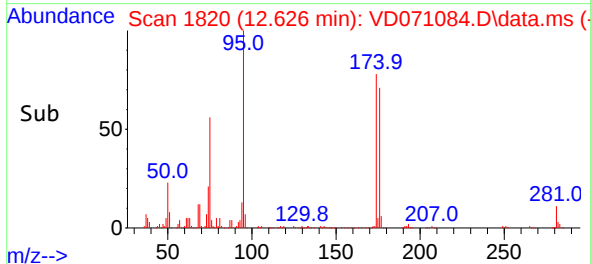
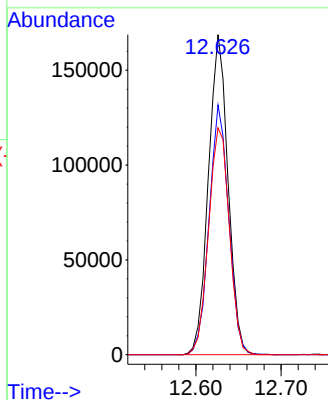
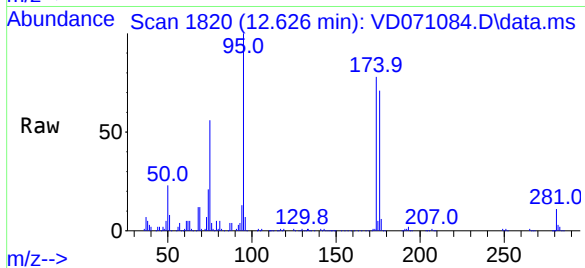




#62
4-Bromofluorobenzene
Concen: 51.177 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071084.D
Acq: 30 Nov 2021 13:45

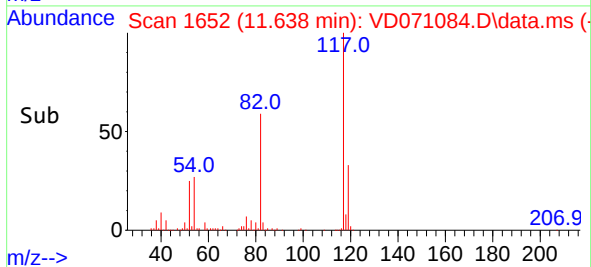
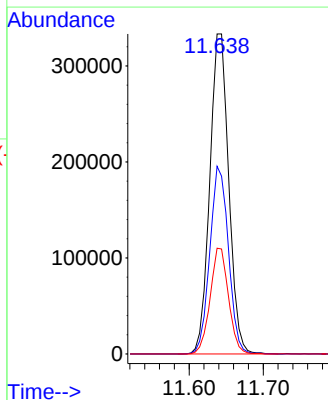
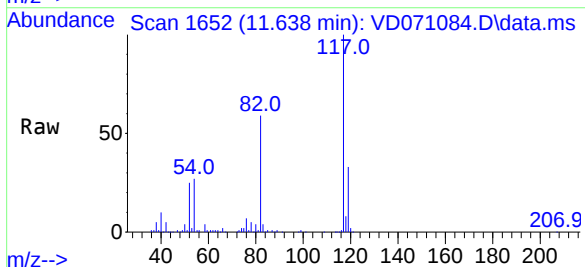
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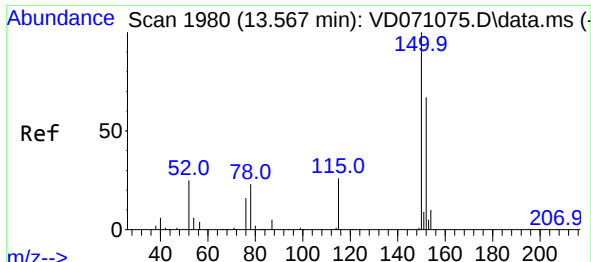
Tgt Ion: 95 Resp: 270344
Ion Ratio Lower Upper
95 100
174 77.9 0.0 159.4
176 75.0 0.0 154.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD071084.D
Acq: 30 Nov 2021 13:45

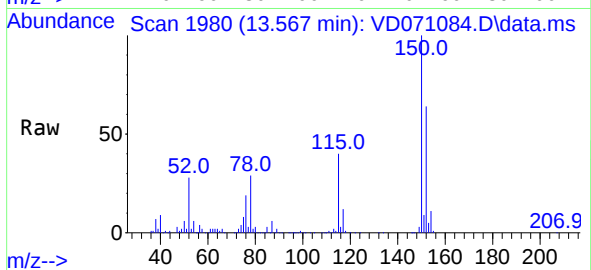
Tgt Ion: 117 Resp: 591949
Ion Ratio Lower Upper
117 100
82 58.6 44.7 67.1
119 33.1 26.2 39.4





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD071084.D
Acq: 30 Nov 2021 13:45

Instrument :
MSVOA_D
ClientSampleId :
HD-1-112921



Tgt Ion:152 Resp: 255164
Ion Ratio Lower Upper
152 100
115 60.6 29.8 89.3
150 157.9 0.0 349.2

