

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121021\
 Data File : VD071255.D
 Acq On : 10 Dec 2021 16:51
 Operator : VA/SY
 Sample : M4980-01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OK-03-120821

Quant Time: Dec 11 04:40:59 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)

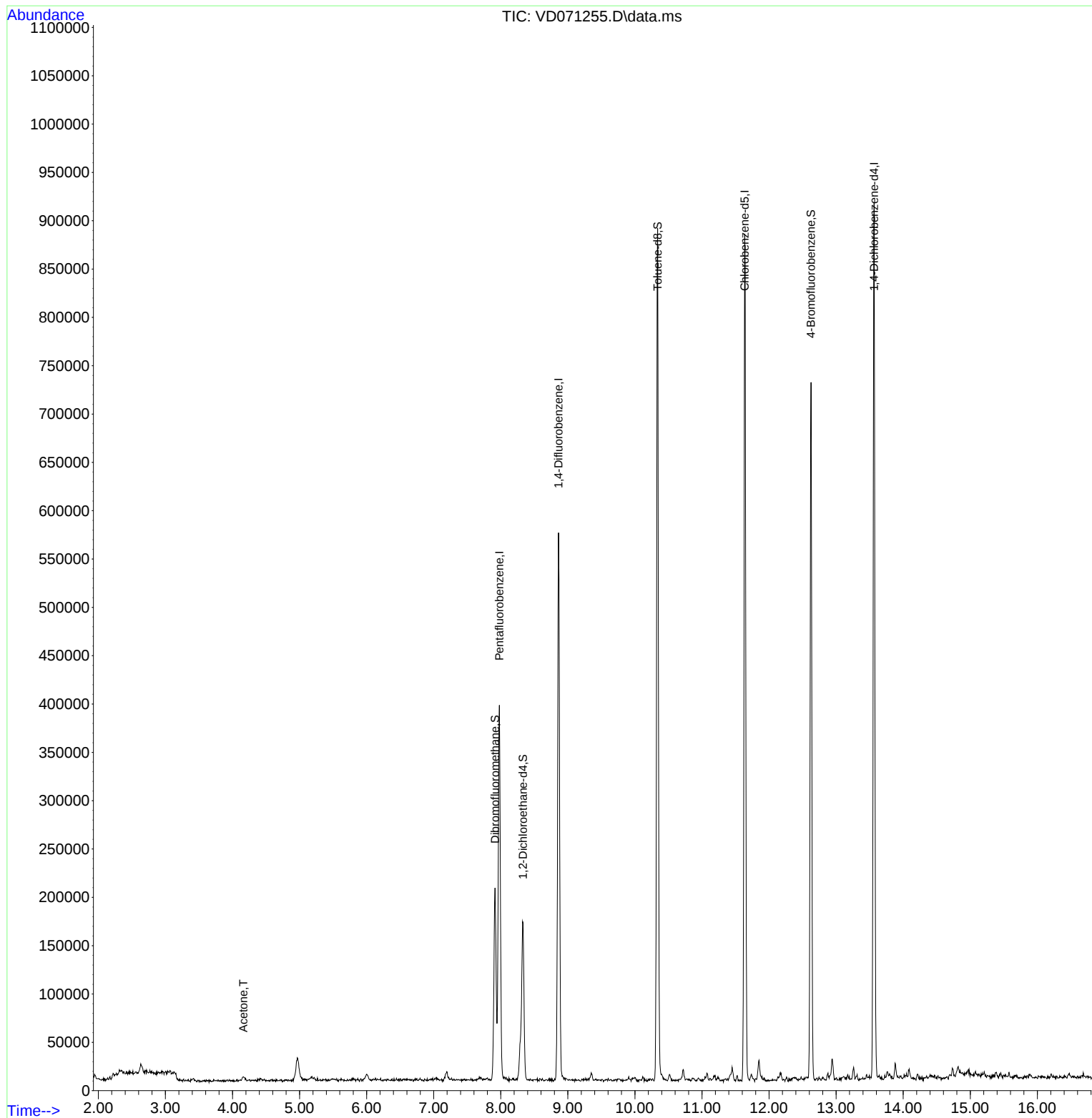
Internal Standards						
1) Pentafluorobenzene	7.979	168	262043	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	448220	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	474027	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	216990	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	126940	41.28	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	82.56%
35) Dibromofluoromethane	7.914	113	135033	47.31	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.62%
50) Toluene-d8	10.338	98	576707	53.10	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.20%
62) 4-Bromofluorobenzene	12.626	95	224119	59.53	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	119.06%
Target Compounds						
16) Acetone	4.161	43	6913	38.22	ug/l	Qvalue 94

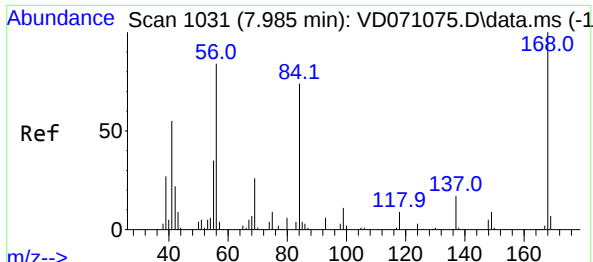
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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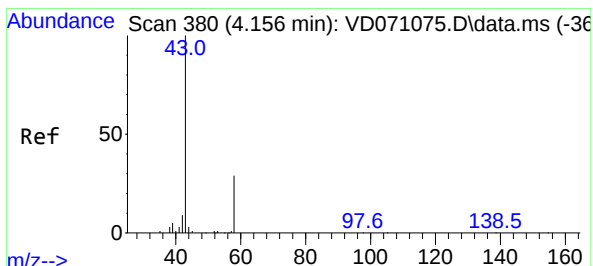
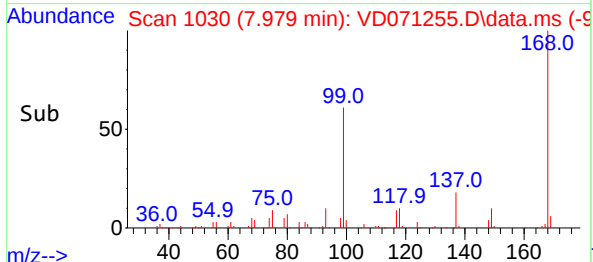
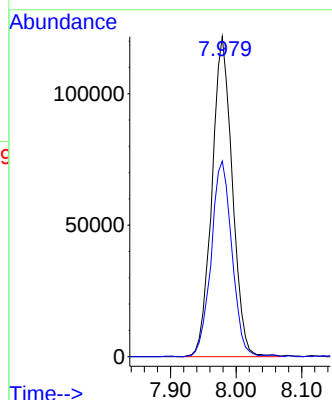
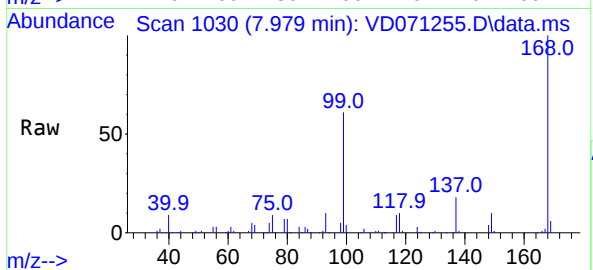




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD071255.D
Acq: 10 Dec 2021 16:51

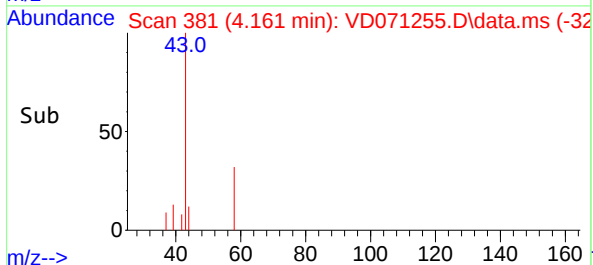
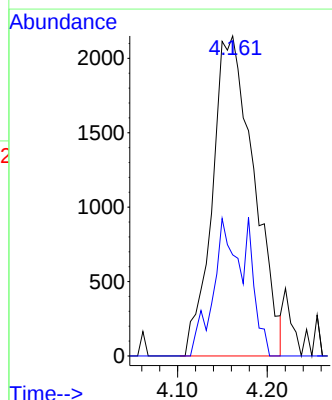
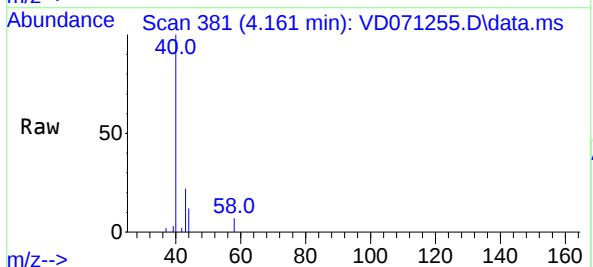
Instrument :
MSVOA_D
ClientSampleId :
OK-03-120821

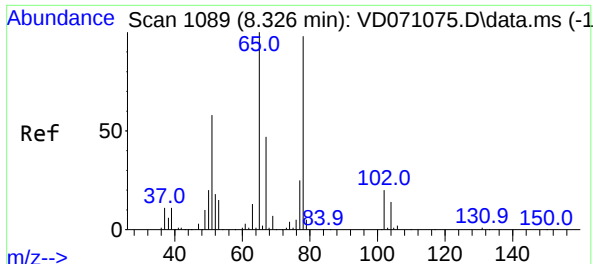
Tgt Ion:168 Resp: 262043
Ion Ratio Lower Upper
168 100
99 61.1 46.6 69.8



#16
Acetone
Concen: 38.22 ug/l
RT: 4.161 min Scan# 381
Delta R.T. 0.005 min
Lab File: VD071255.D
Acq: 10 Dec 2021 16:51

Tgt Ion: 43 Resp: 6913
Ion Ratio Lower Upper
43 100
58 31.6 27.8 41.8

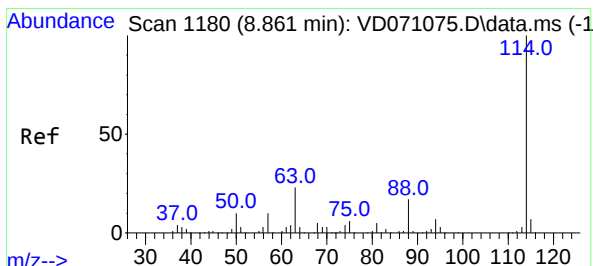
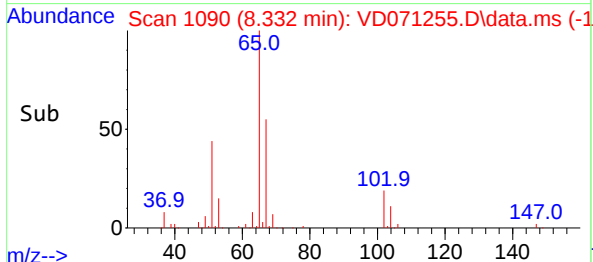
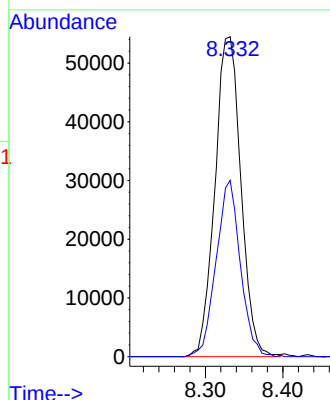
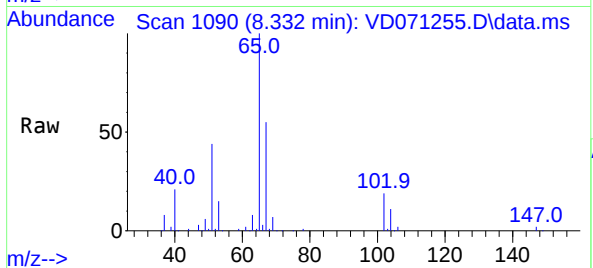




#33
1,2-Dichloroethane-d4
Concen: 41.28 ug/l
RT: 8.332 min Scan# 1089
Delta R.T. 0.006 min
Lab File: VD071255.D
Acq: 10 Dec 2021 16:51

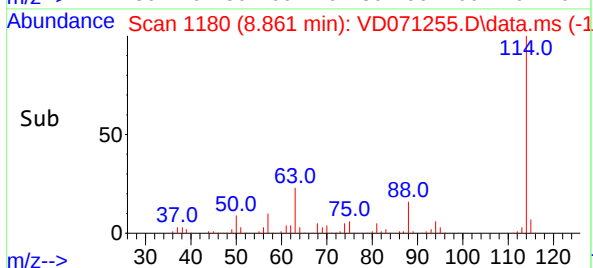
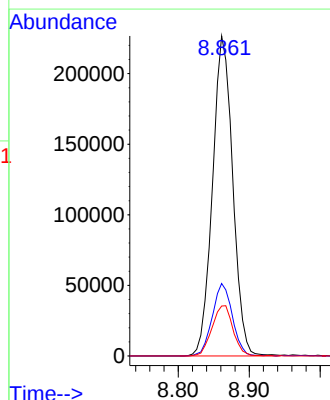
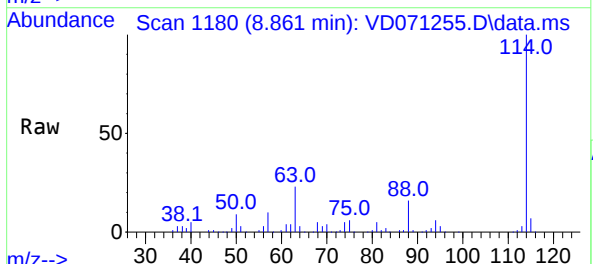
Instrument :
MSVOA_D
ClientSampleId :
OK-03-120821

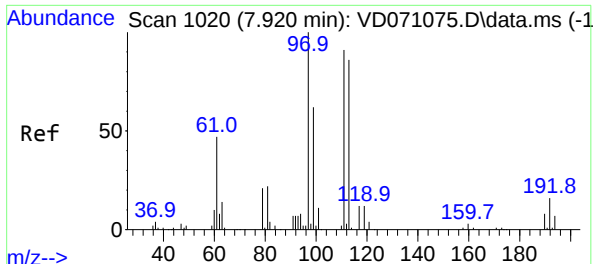
Tgt Ion: 65 Resp: 126940
Ion Ratio Lower Upper
65 100
67 51.5 0.0 112.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD071255.D
Acq: 10 Dec 2021 16:51

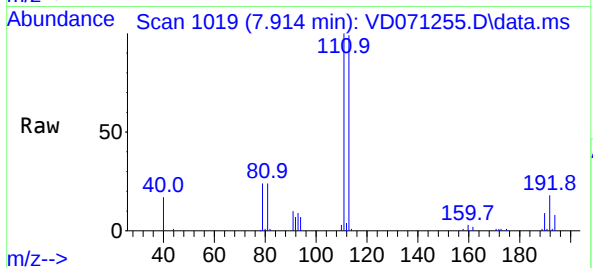
Tgt Ion: 114 Resp: 448220
Ion Ratio Lower Upper
114 100
63 22.6 0.0 41.8
88 15.6 0.0 32.8



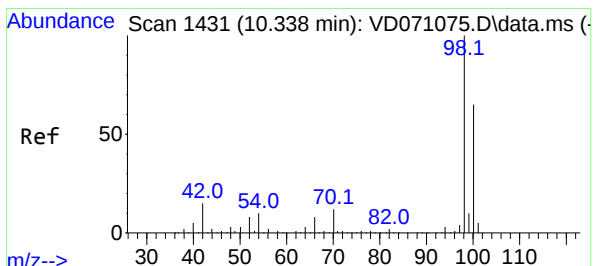
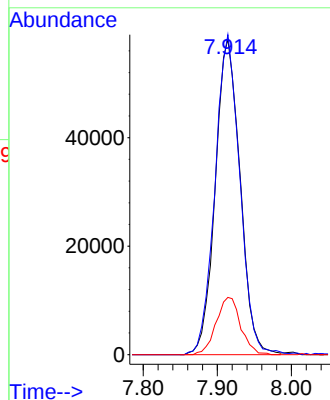
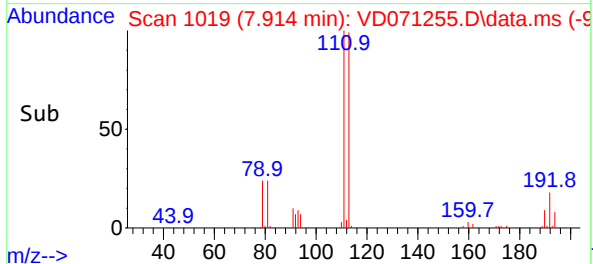


#35
Dibromofluoromethane
Concen: 47.31 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD071255.D
Acq: 10 Dec 2021 16:51

Instrument :
MSVOA_D
ClientSampleId :
OK-03-120821

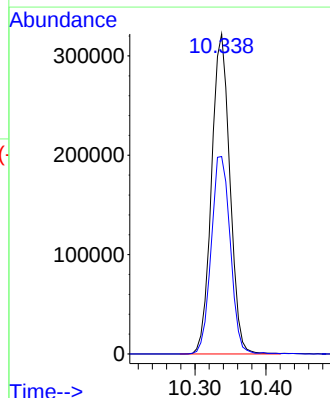
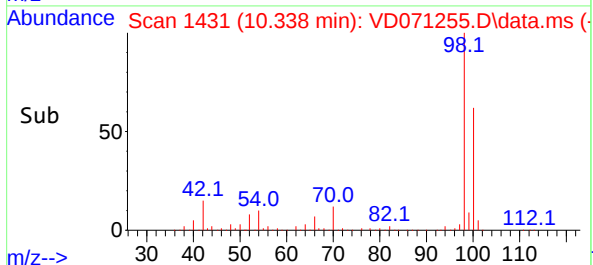
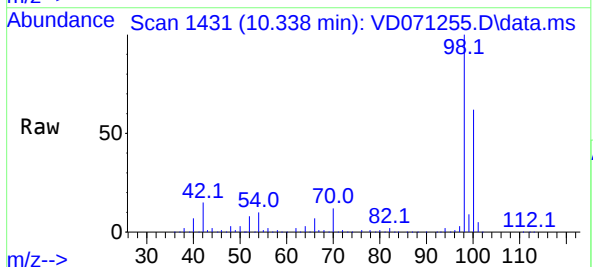


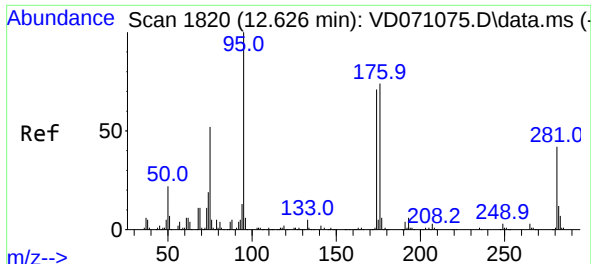
Tgt Ion:113 Resp: 135033
Ion Ratio Lower Upper
113 100
111 101.7 82.0 123.0
192 18.0 15.2 22.8



#50
Toluene-d8
Concen: 53.10 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD071255.D
Acq: 10 Dec 2021 16:51

Tgt Ion: 98 Resp: 576707
Ion Ratio Lower Upper
98 100
100 64.0 51.8 77.6

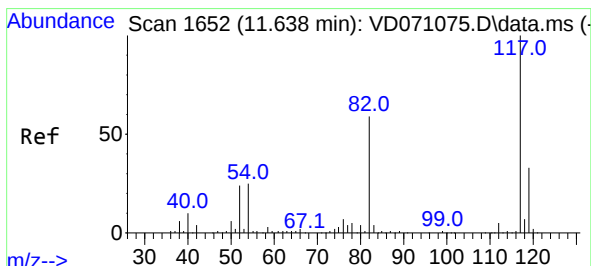
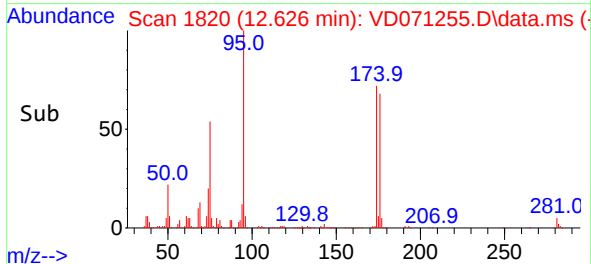
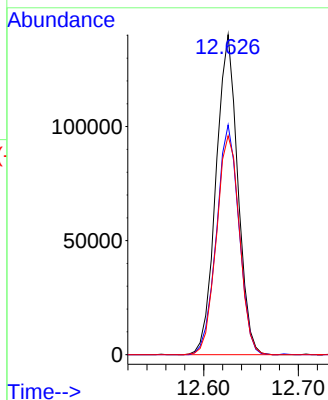
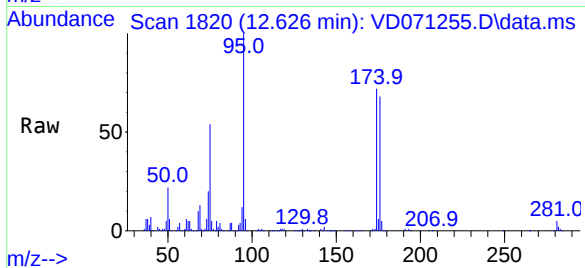




#62
4-Bromofluorobenzene
Concen: 59.53 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071255.D
Acq: 10 Dec 2021 16:51

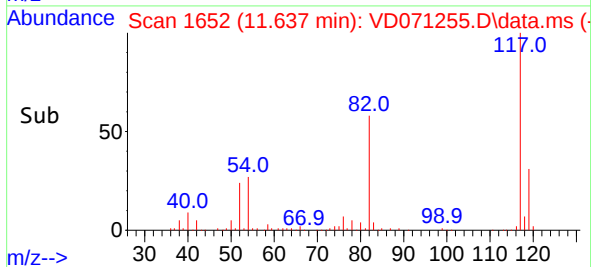
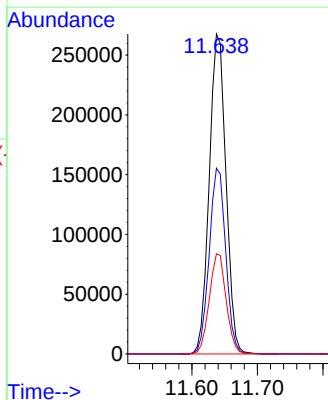
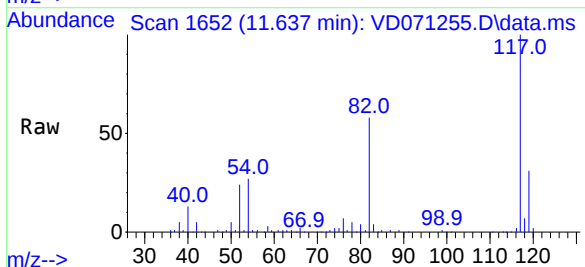
Instrument :
MSVOA_D
ClientSampleId :
OK-03-120821

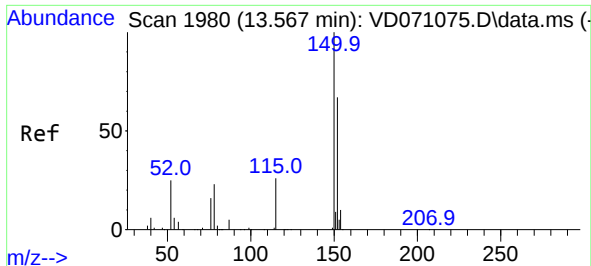
Tgt Ion: 95 Resp: 224119
Ion Ratio Lower Upper
95 100
174 73.8 0.0 159.4
176 72.2 0.0 154.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.637 min Scan# 1652
Delta R.T. -0.001 min
Lab File: VD071255.D
Acq: 10 Dec 2021 16:51

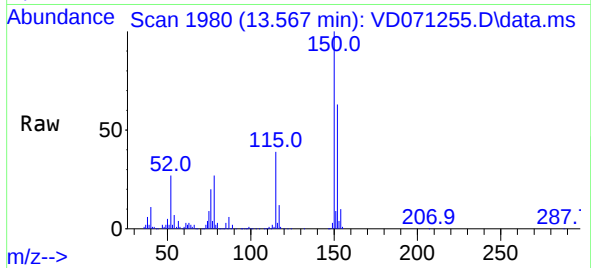
Tgt Ion: 117 Resp: 474027
Ion Ratio Lower Upper
117 100
82 58.1 44.7 67.1
119 31.3 26.2 39.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.567 min Scan# 1980
 Delta R.T. -0.000 min
 Lab File: VD071255.D
 Acq: 10 Dec 2021 16:51

Instrument :
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 ClientSampleId :
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Tgt Ion:152 Resp: 216990

Ion	Ratio	Lower	Upper
152	100		
115	63.3	29.8	89.3
150	161.3	0.0	349.2

