

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121021\
 Data File : VD071257.D
 Acq On : 10 Dec 2021 17:47
 Operator : VA/SY
 Sample : M5018-09
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SP2B

Quant Time: Dec 11 04:41:48 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)

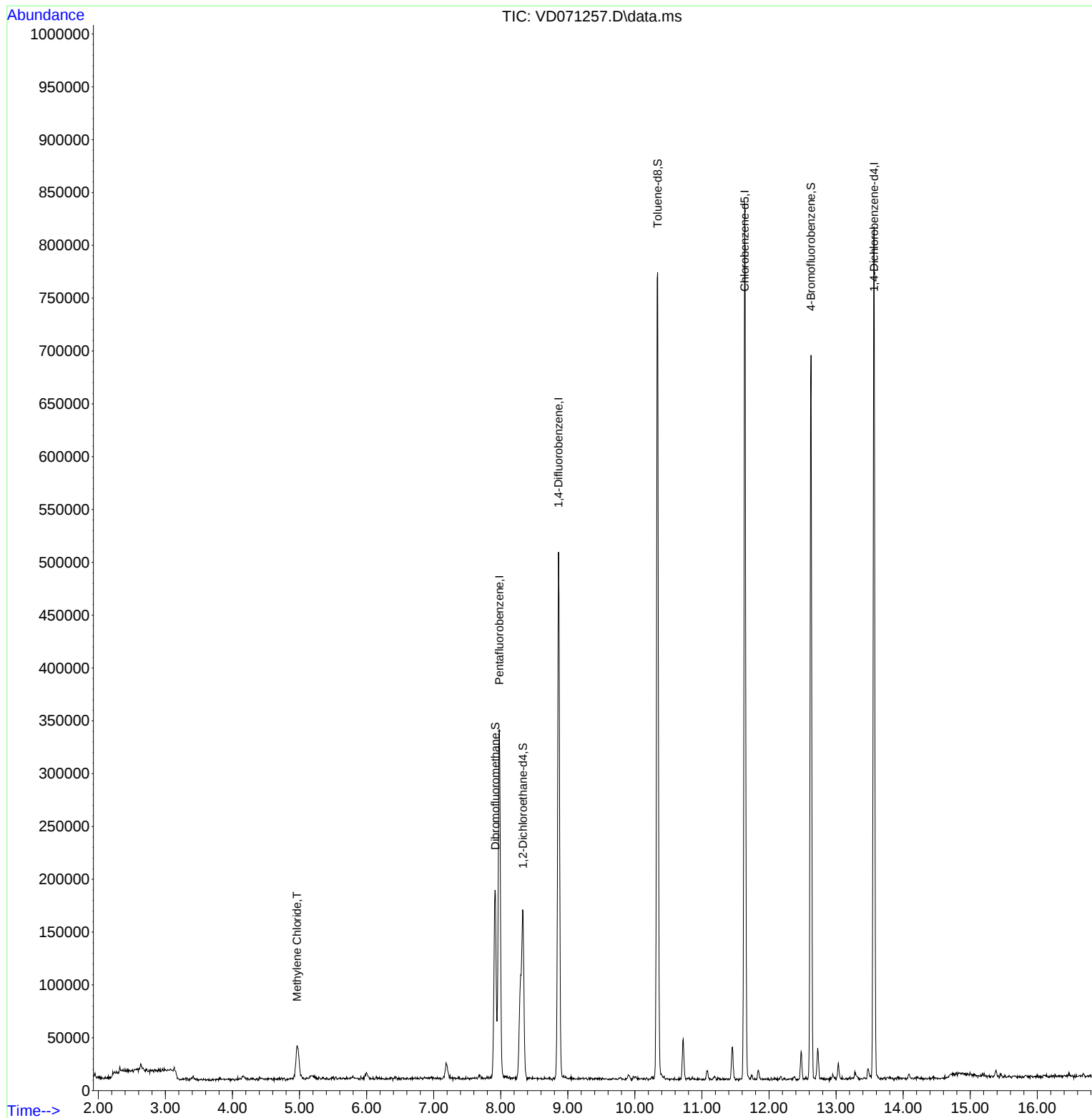
Internal Standards						
1) Pentafluorobenzene	7.979	168	227942	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	393689	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	429255	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	198642	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	119536	44.69	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	89.38%
35) Dibromofluoromethane	7.920	113	122531	48.88	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.76%
50) Toluene-d8	10.338	98	502659	52.69	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.38%
62) 4-Bromofluorobenzene	12.626	95	205929	62.27	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	124.54%
Target Compounds						
20) Methylene Chloride	4.962	84	22555	4.56	ug/l	Qvalue 94

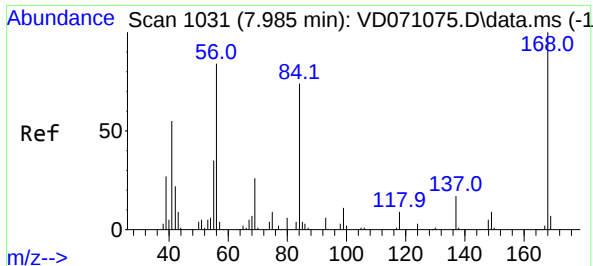
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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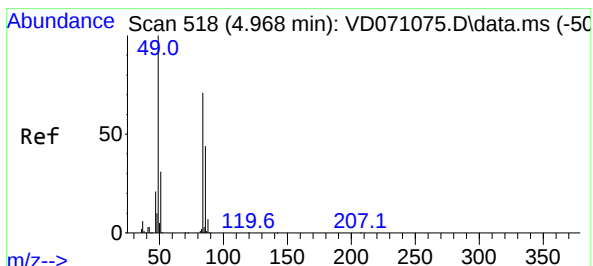
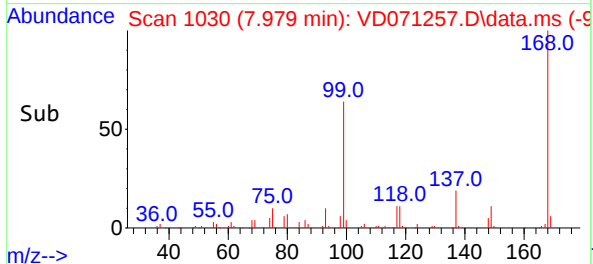
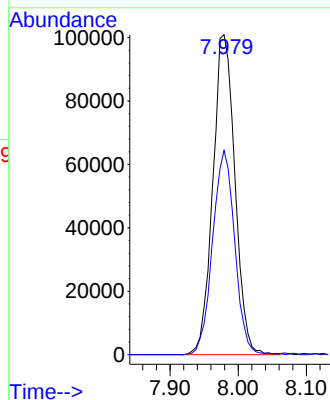
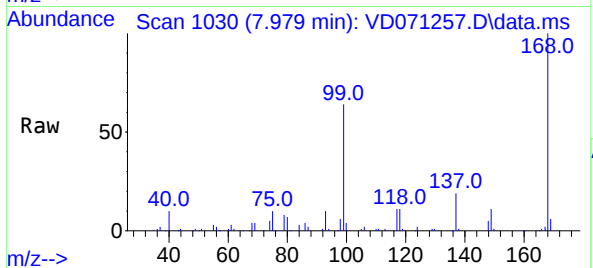




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD071257.D
Acq: 10 Dec 2021 17:47

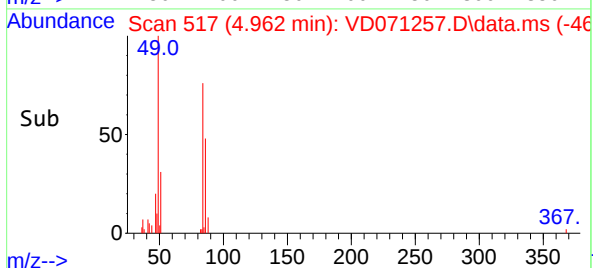
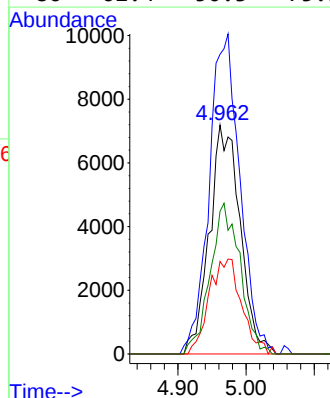
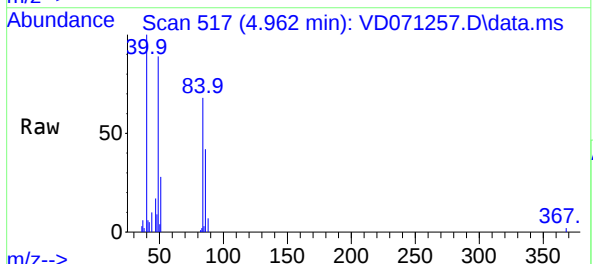
Instrument :
MSVOA_D
ClientSampleId :
SP2B

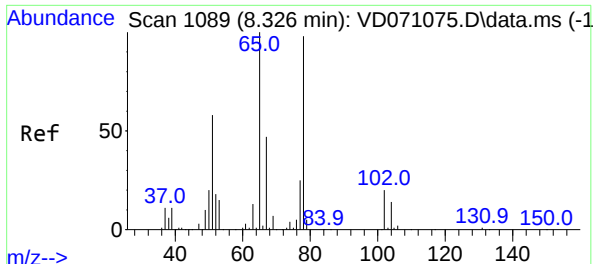
Tgt Ion:168 Resp: 227942
Ion Ratio Lower Upper
168 100
99 63.8 46.6 69.8



#20
Methylene Chloride
Concen: 4.56 ug/l
RT: 4.962 min Scan# 517
Delta R.T. -0.006 min
Lab File: VD071257.D
Acq: 10 Dec 2021 17:47

Tgt Ion: 84 Resp: 22555
Ion Ratio Lower Upper
84 100
49 131.0 95.8 143.6
51 40.4 30.9 46.3
86 62.4 50.3 75.5

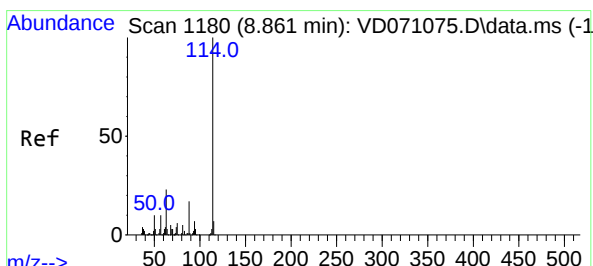
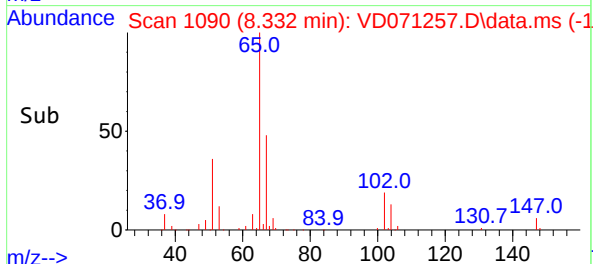
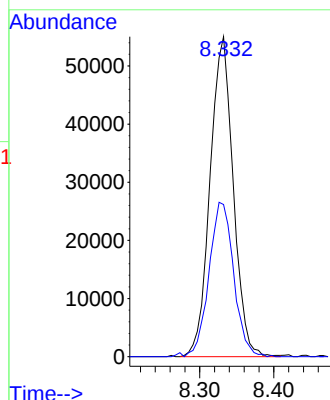
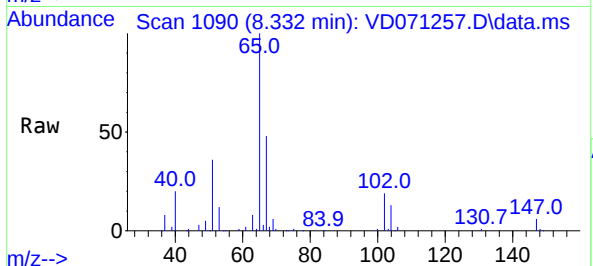




#33
1,2-Dichloroethane-d4
Concen: 44.69 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD071257.D
Acq: 10 Dec 2021 17:47

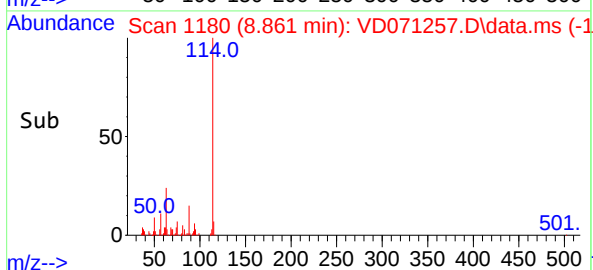
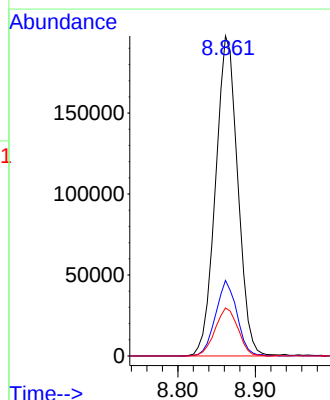
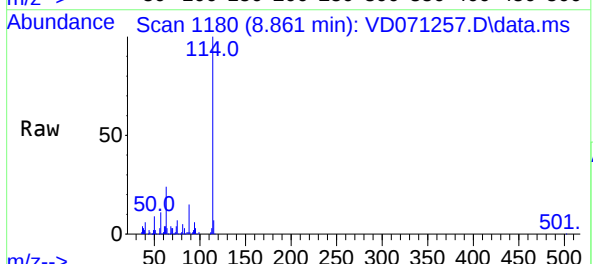
Instrument :
MSVOA_D
ClientSampleId :
SP2B

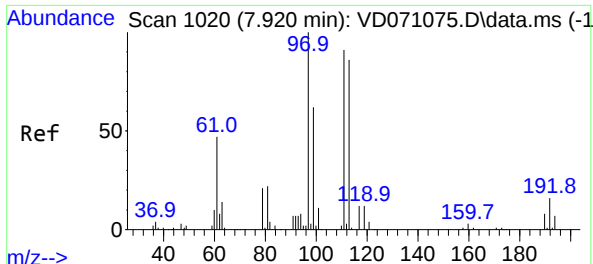
Tgt Ion: 65 Resp: 119536
Ion Ratio Lower Upper
65 100
67 51.5 0.0 112.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD071257.D
Acq: 10 Dec 2021 17:47

Tgt Ion: 114 Resp: 393689
Ion Ratio Lower Upper
114 100
63 23.6 0.0 41.8
88 15.0 0.0 32.8

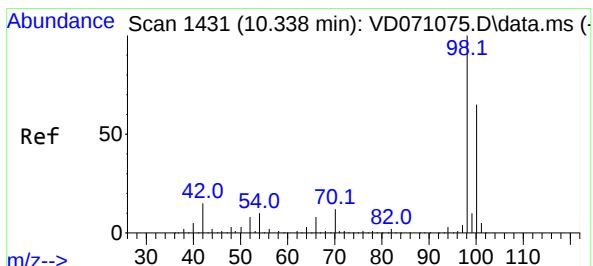
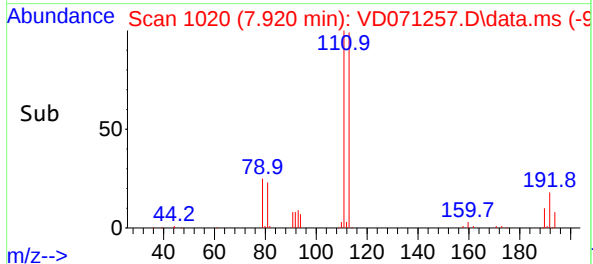
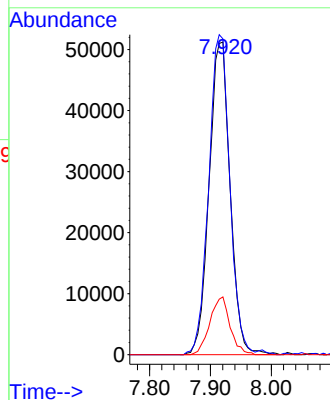
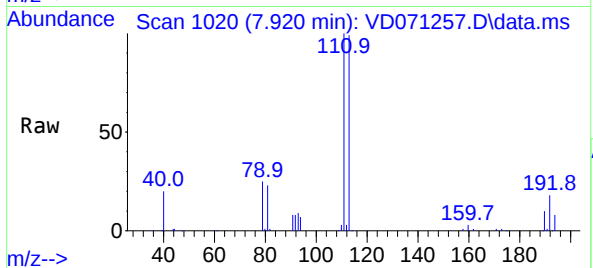




#35
Dibromofluoromethane
Concen: 48.88 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD071257.D
Acq: 10 Dec 2021 17:47

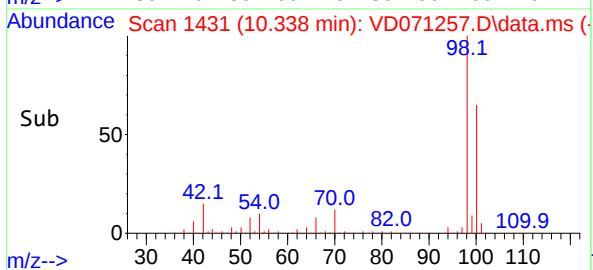
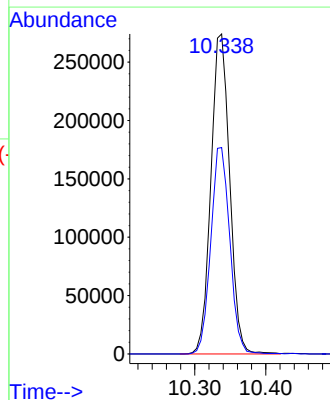
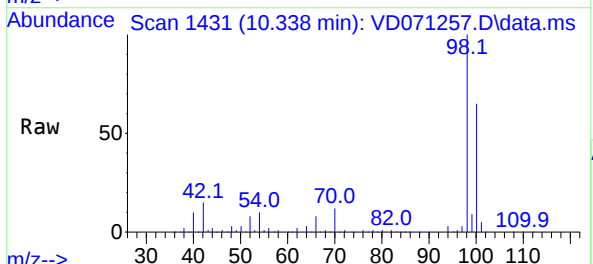
Instrument :
MSVOA_D
ClientSampleId :
SP2B

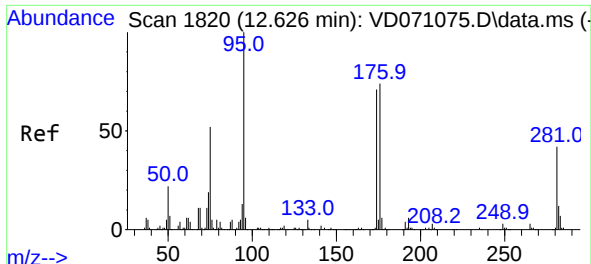
Tgt Ion:113 Resp: 122531
Ion Ratio Lower Upper
113 100
111 102.6 82.0 123.0
192 17.8 15.2 22.8



#50
Toluene-d8
Concen: 52.69 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD071257.D
Acq: 10 Dec 2021 17:47

Tgt Ion: 98 Resp: 502659
Ion Ratio Lower Upper
98 100
100 65.3 51.8 77.6

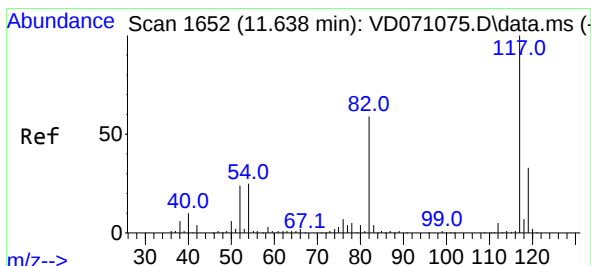
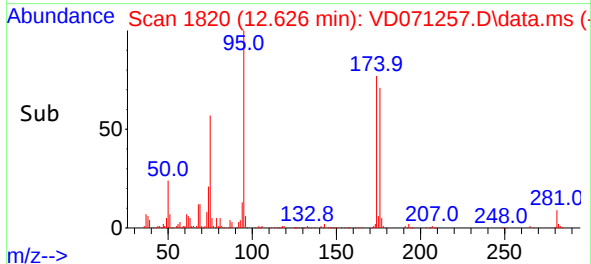
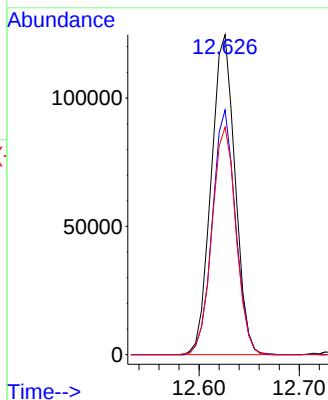
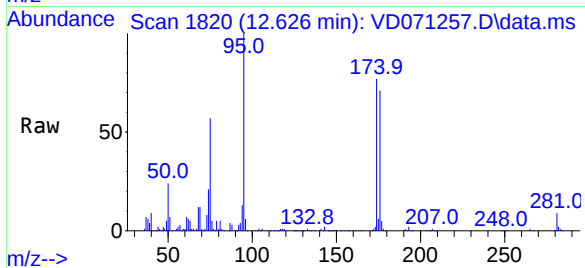




#62
4-Bromofluorobenzene
Concen: 62.27 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071257.D
Acq: 10 Dec 2021 17:47

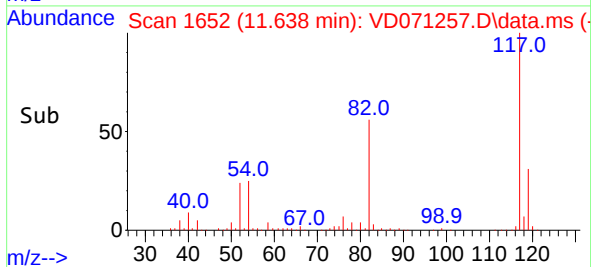
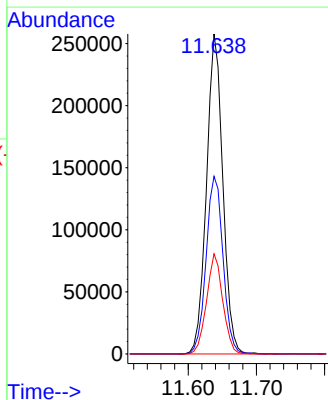
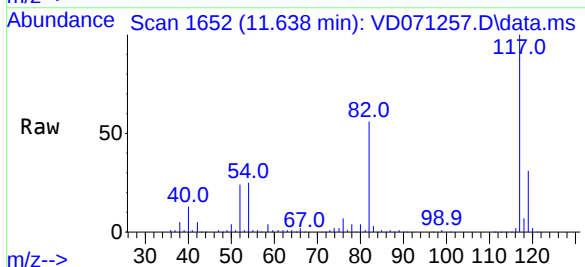
Instrument :
MSVOA_D
ClientSampleId :
SP2B

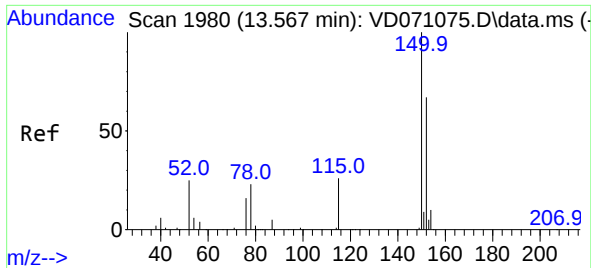
Tgt Ion: 95 Resp: 205929
Ion Ratio Lower Upper
95 100
174 74.7 0.0 159.4
176 71.6 0.0 154.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD071257.D
Acq: 10 Dec 2021 17:47

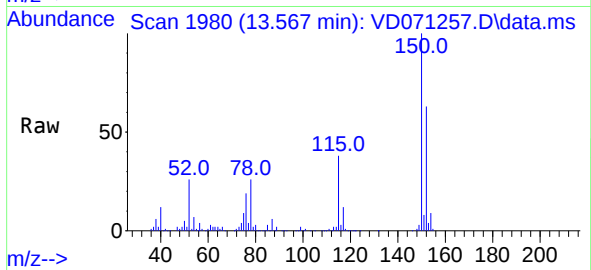
Tgt Ion: 117 Resp: 429255
Ion Ratio Lower Upper
117 100
82 55.5 44.7 67.1
119 31.3 26.2 39.4





#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD071257.D
Acq: 10 Dec 2021 17:47

Instrument :
MSVOA_D
ClientSampleId :
SP2B



Tgt Ion:152 Resp: 198642
Ion Ratio Lower Upper
152 100
115 59.4 29.8 89.3
150 155.3 0.0 349.2

