

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121021\
 Data File : VD071258.D
 Acq On : 10 Dec 2021 18:15
 Operator : VA/SY
 Sample : M5018-19
 Misc : 5.09G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP4

Quant Time: Dec 11 04:42:08 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	7.985	168	20740	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	36126	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	41531	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	20623	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	18214	74.84	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	149.68%
35) Dibromofluoromethane	7.920	113	11513	50.05	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.10%
50) Toluene-d8	10.332	98	43067	49.19	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.38%
62) 4-Bromofluorobenzene	12.620	95	20425	67.31	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	134.62%

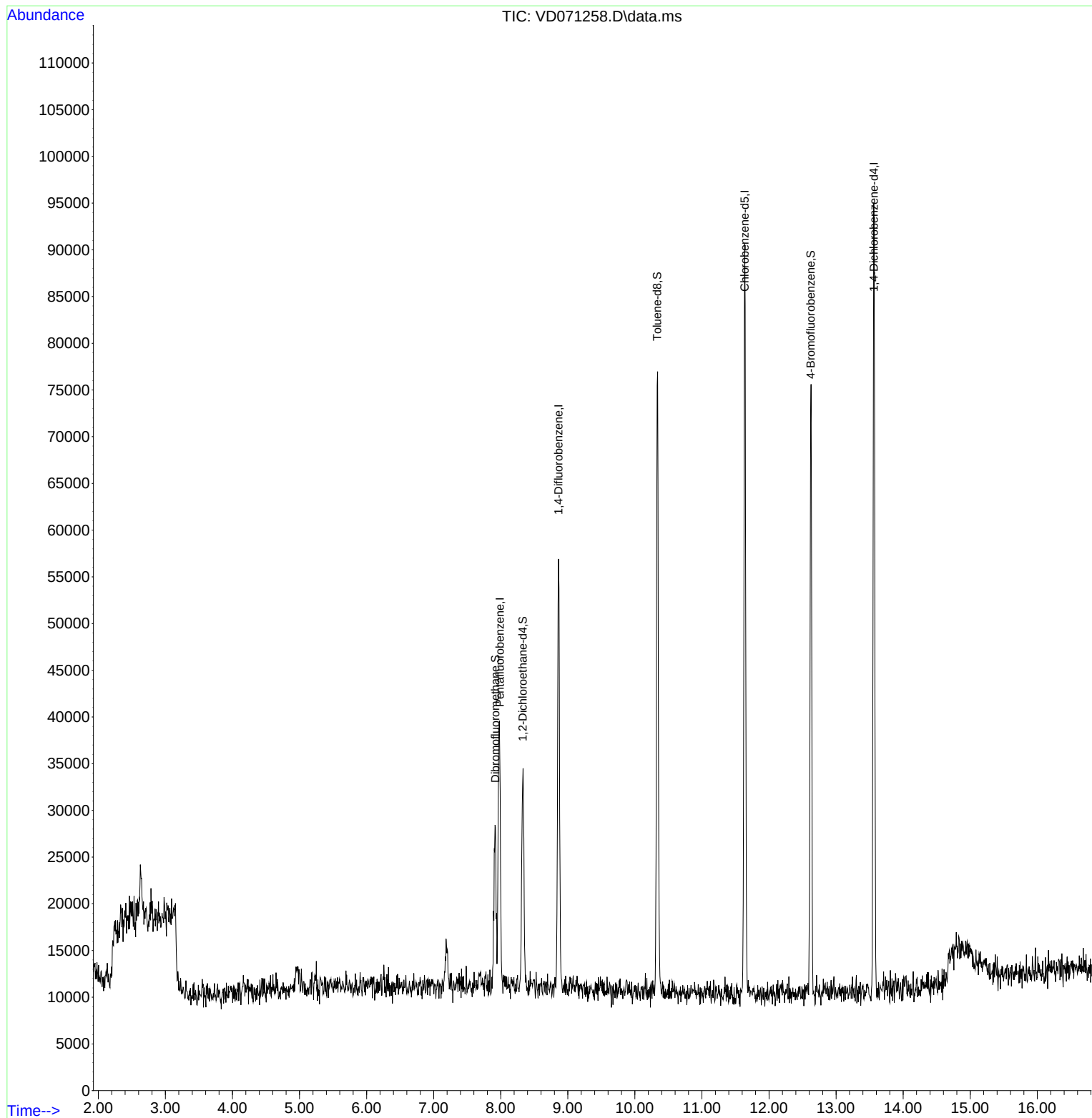
Target Compounds	Qvalue

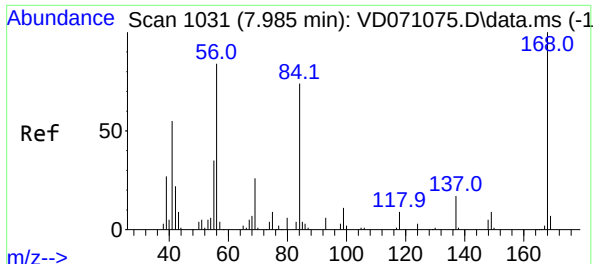
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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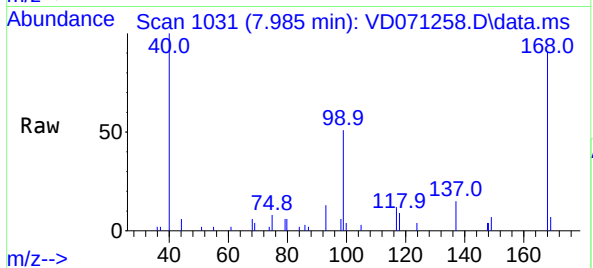
Quant Time: Dec 11 04:42:08 2021
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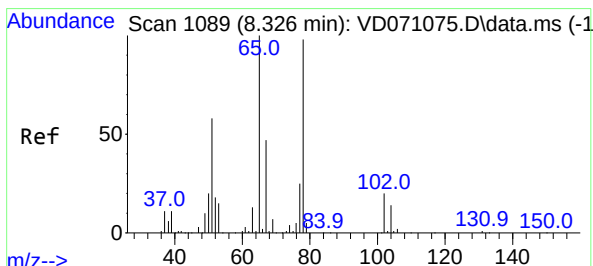
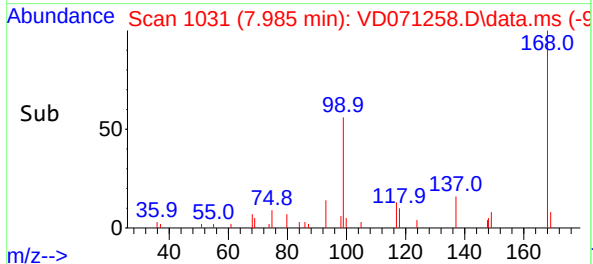
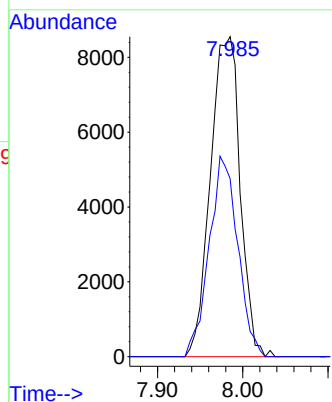


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VD071258.D
Acq: 10 Dec 2021 18:15

Instrument :
MSVOA_D
ClientSampleId :
TP4

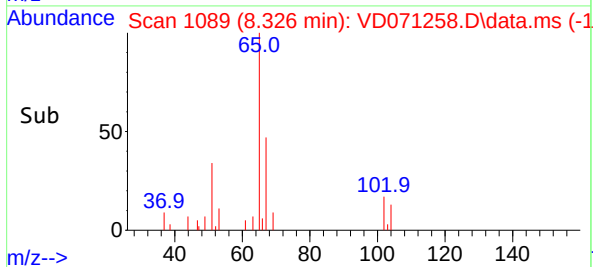
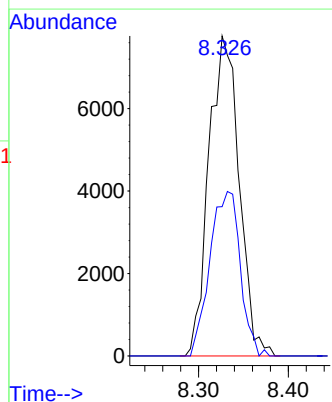
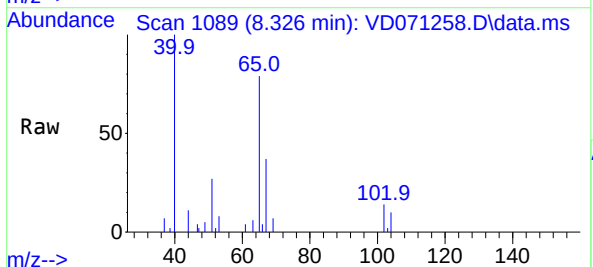


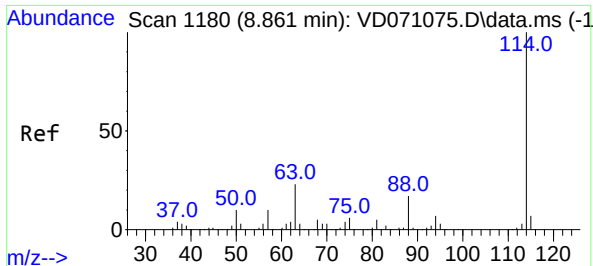
Tgt Ion:168 Resp: 20740
Ion Ratio Lower Upper
168 100
99 55.6 46.6 69.8



#33
1,2-Dichloroethane-d4
Concen: 74.84 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD071258.D
Acq: 10 Dec 2021 18:15

Tgt Ion: 65 Resp: 18214
Ion Ratio Lower Upper
65 100
67 51.4 0.0 112.2

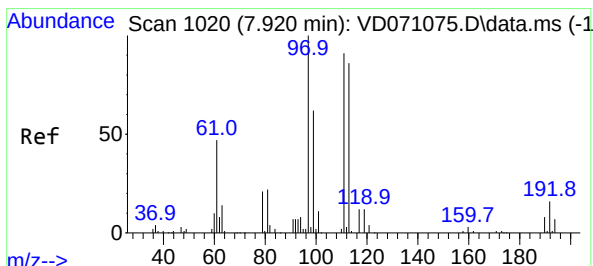
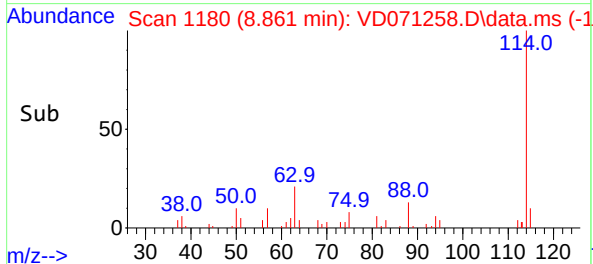
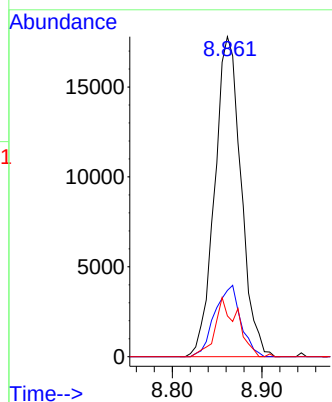
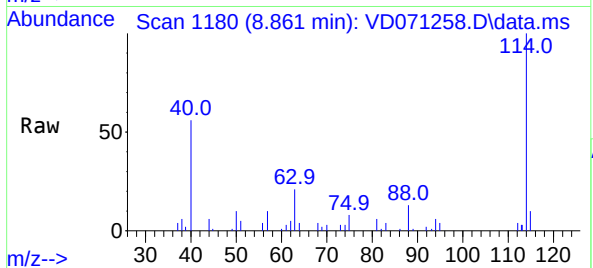




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD071258.D
Acq: 10 Dec 2021 18:15

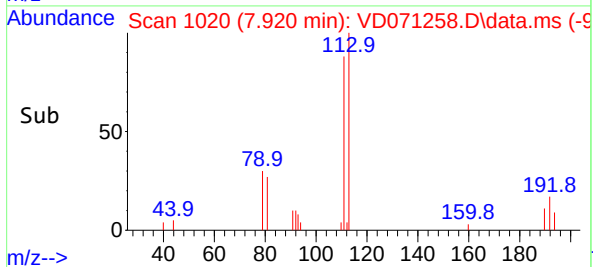
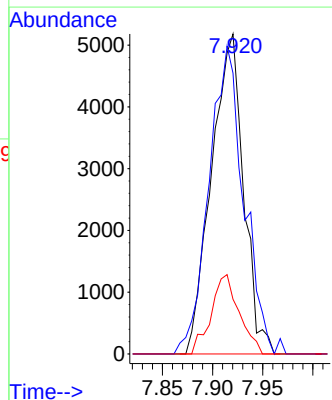
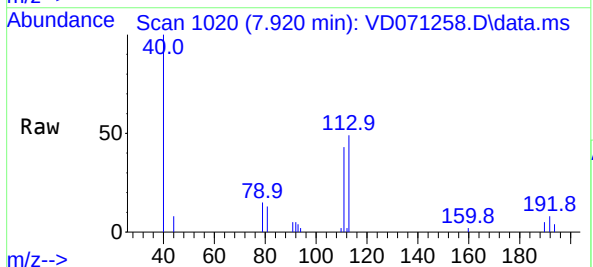
Instrument :
MSVOA_D
ClientSampleId :
TP4

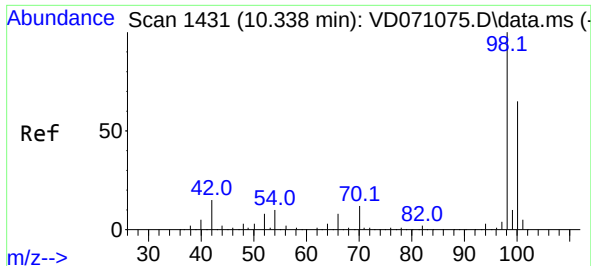
Tgt Ion:114 Resp: 36126
Ion Ratio Lower Upper
114 100
63 20.7 0.0 41.8
88 12.8 0.0 32.8



#35
Dibromofluoromethane
Concen: 50.05 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD071258.D
Acq: 10 Dec 2021 18:15

Tgt Ion:113 Resp: 11513
Ion Ratio Lower Upper
113 100
111 104.8 82.0 123.0
192 21.7 15.2 22.8

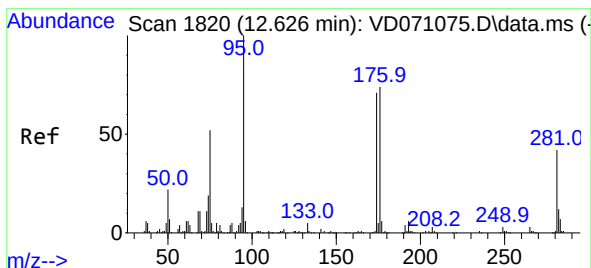
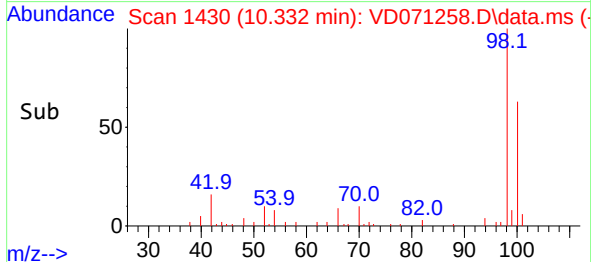
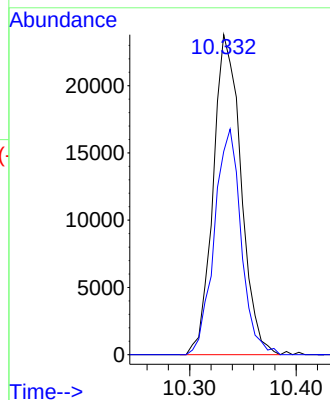
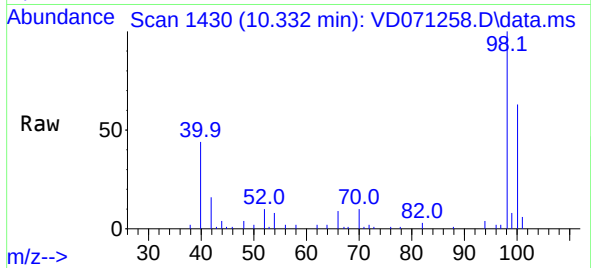




#50
Toluene-d8
Concen: 49.19 ug/l
RT: 10.332 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD071258.D
Acq: 10 Dec 2021 18:15

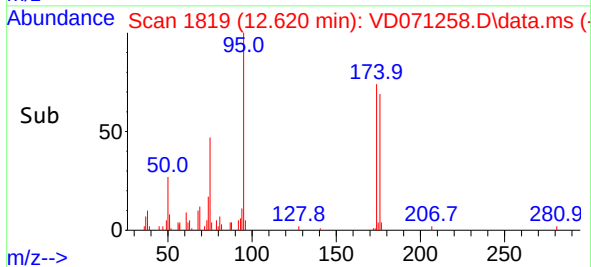
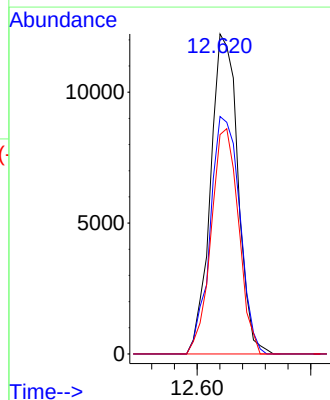
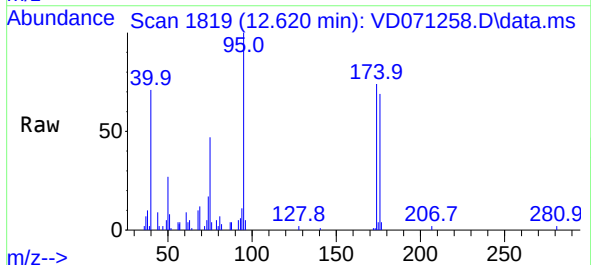
Instrument :
MSVOA_D
ClientSampleId :
TP4

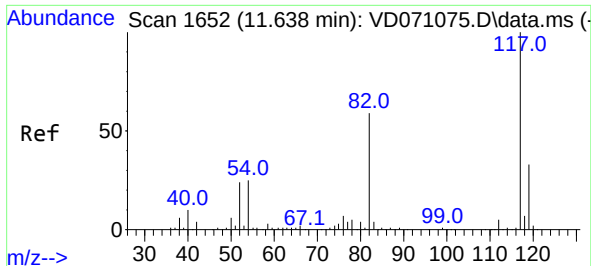
Tgt Ion: 98 Resp: 43067
Ion Ratio Lower Upper
98 100
100 68.1 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 67.31 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD071258.D
Acq: 10 Dec 2021 18:15

Tgt Ion: 95 Resp: 20425
Ion Ratio Lower Upper
95 100
174 80.0 0.0 159.4
176 70.7 0.0 154.0

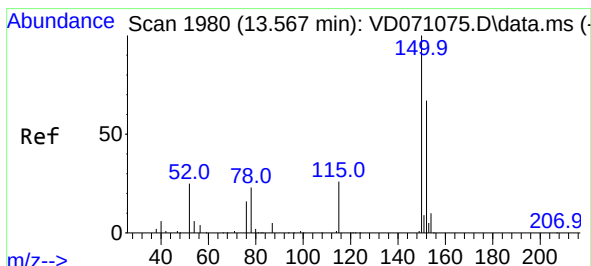
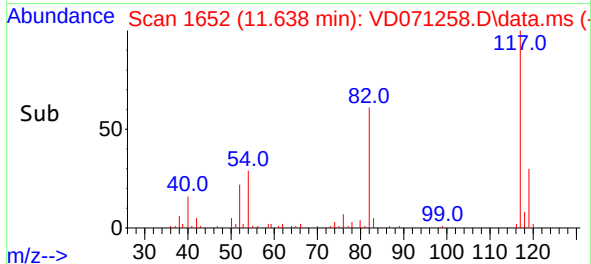
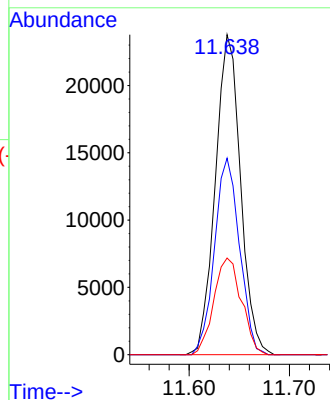
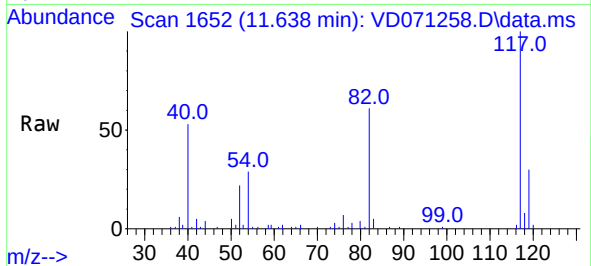




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.638 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD071258.D
Acq: 10 Dec 2021 18:15

Instrument :
MSVOA_D
ClientSampleId :
TP4

Tgt Ion:117	Resp:	41531
Ion	Ratio	Lower Upper
117	100	
82	61.4	44.7 67.1
119	30.2	26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD071258.D
Acq: 10 Dec 2021 18:15

Tgt Ion:152	Resp:	20623
Ion	Ratio	Lower Upper
152	100	
115	65.0	29.8 89.3
150	160.6	0.0 349.2

