

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121021\
 Data File : VD071259.D
 Acq On : 10 Dec 2021 18:43
 Operator : VA/SY
 Sample : M5018-29
 Misc : 5.08G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP5

Quant Time: Dec 11 04:42:27 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)

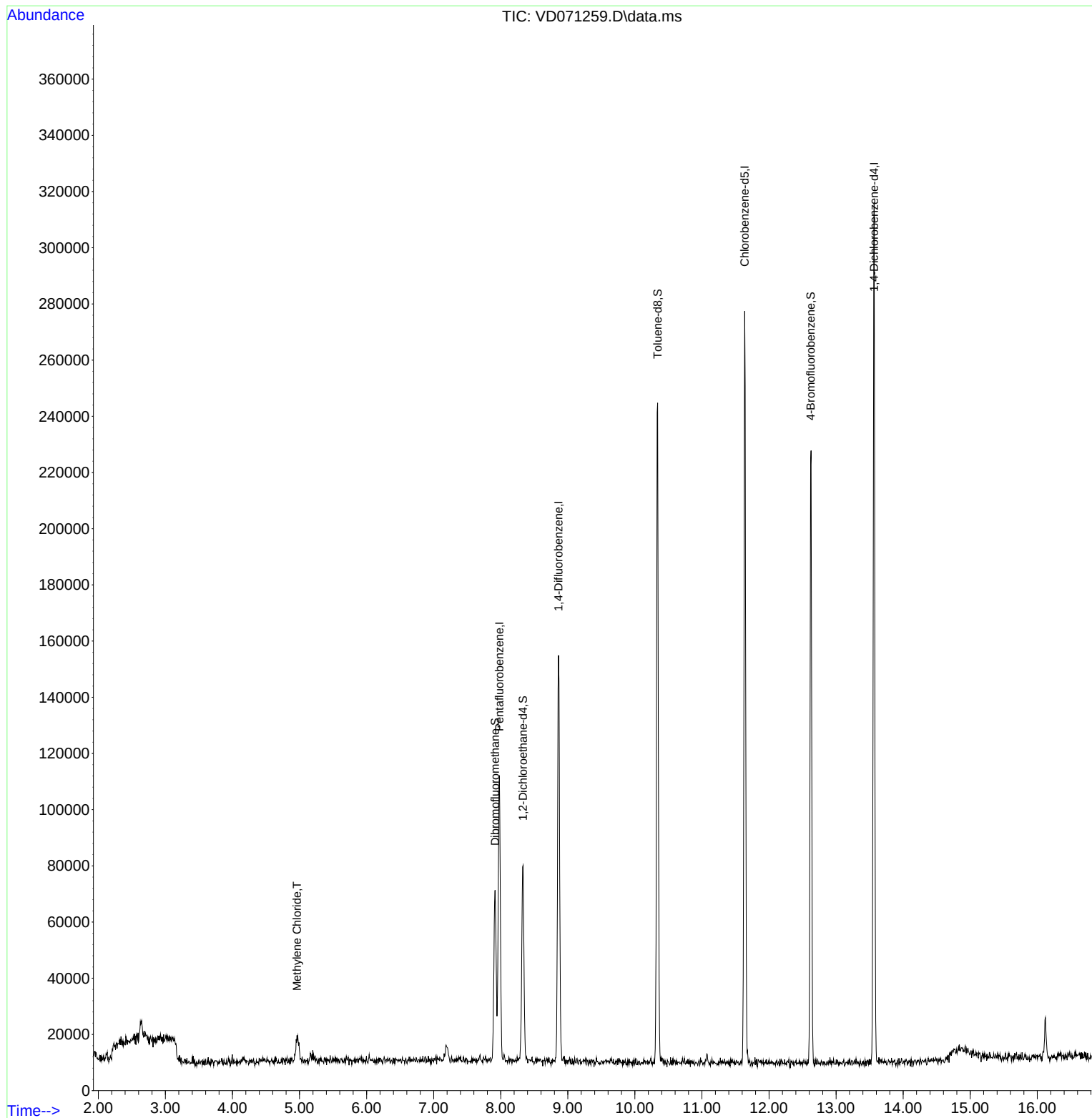
Internal Standards						
1) Pentafluorobenzene	7.979	168	68232	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	119604	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	138934	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	71751	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	55179	68.92	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	137.84%
35) Dibromofluoromethane	7.914	113	43657	57.32	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	114.64%
50) Toluene-d8	10.338	98	152906	52.76	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.52%
62) 4-Bromofluorobenzene	12.620	95	69698	69.37	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	138.74%
Target Compounds						
20) Methylene Chloride	4.962	84	6464	4.17	ug/l	Qvalue # 84

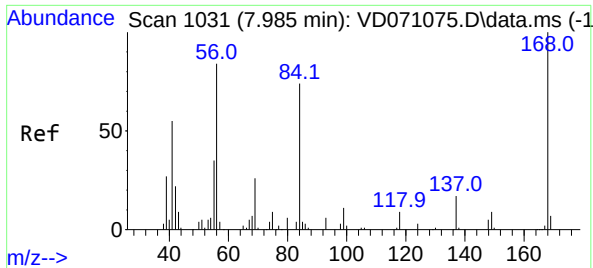
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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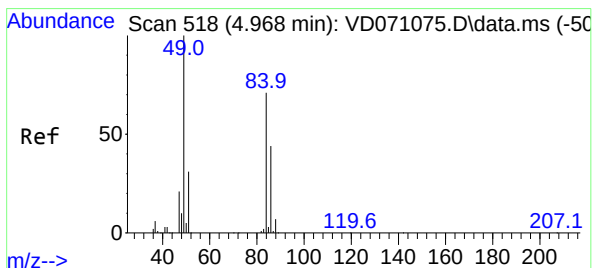
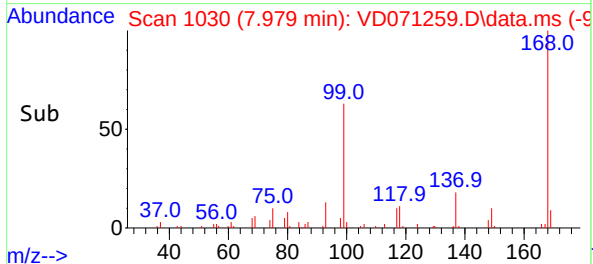
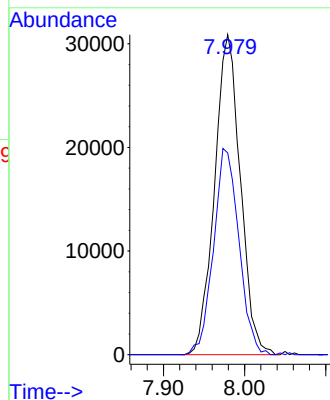
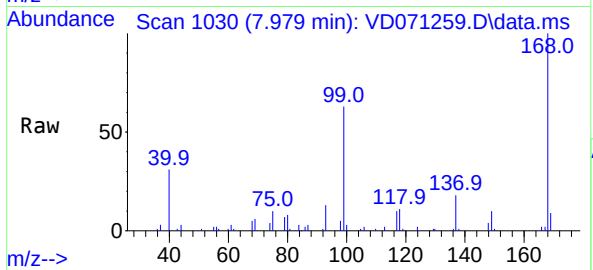




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VD071259.D
Acq: 10 Dec 2021 18:43

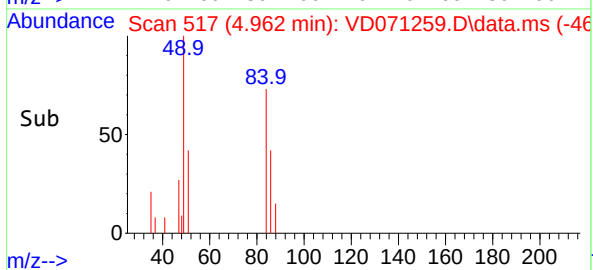
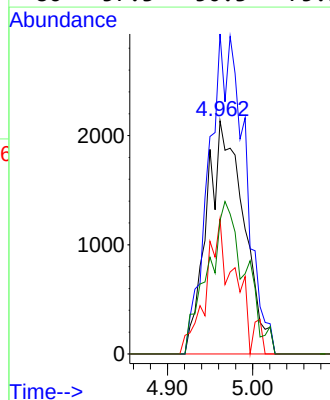
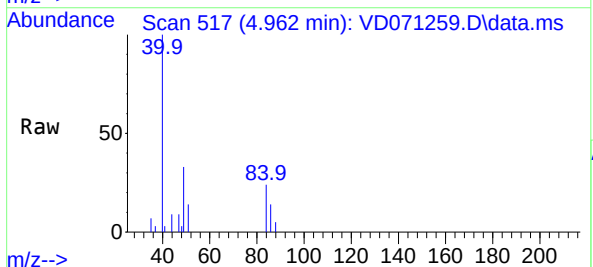
Instrument :
MSVOA_D
ClientSampleId :
TP5

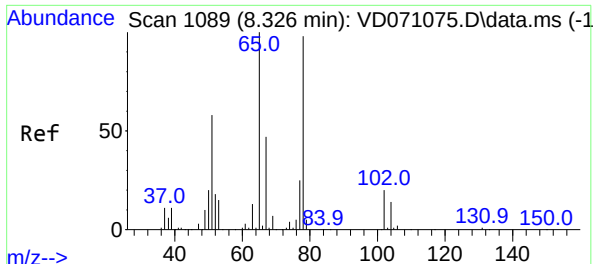
Tgt Ion:168 Resp: 68232
Ion Ratio Lower Upper
168 100
99 63.1 46.6 69.8



#20
Methylene Chloride
Concen: 4.17 ug/l
RT: 4.962 min Scan# 517
Delta R.T. -0.006 min
Lab File: VD071259.D
Acq: 10 Dec 2021 18:43

Tgt Ion: 84 Resp: 6464
Ion Ratio Lower Upper
84 100
49 137.3 95.8 143.6
51 58.0 30.9 46.3#
86 57.3 50.3 75.5





#33

1,2-Dichloroethane-d4

Concen: 68.92 ug/l

RT: 8.332 min Scan# 1089

Delta R.T. 0.006 min

Lab File: VD071259.D

Acq: 10 Dec 2021 18:43

Instrument :

MSVOA_D

ClientSampleId :

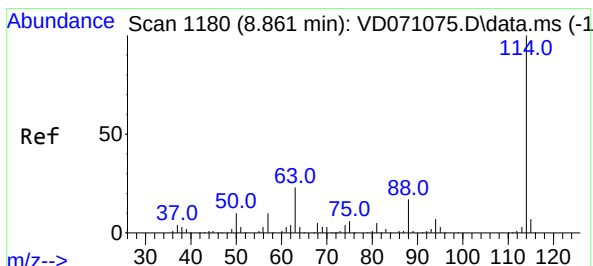
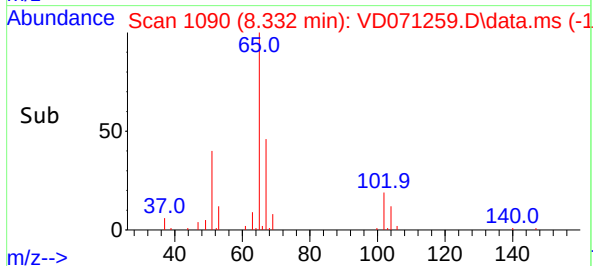
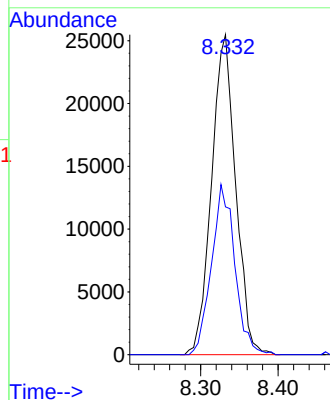
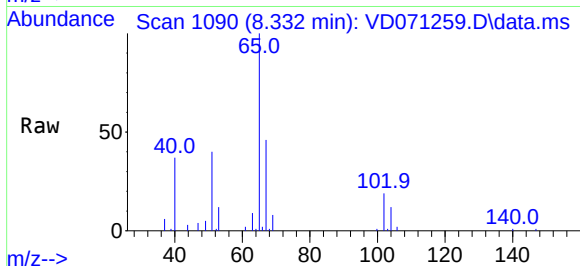
TP5

Tgt Ion: 65 Resp: 55179

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: VD071259.D

Acq: 10 Dec 2021 18:43

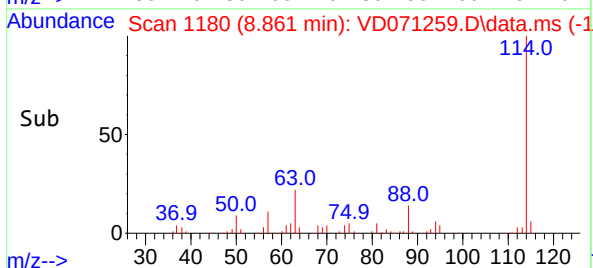
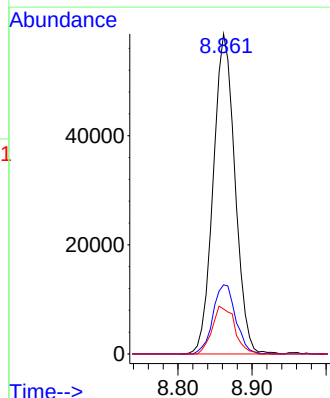
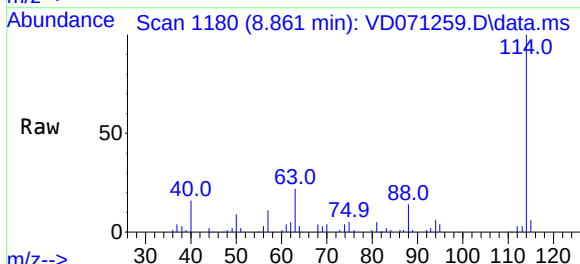
Tgt Ion: 114 Resp: 119604

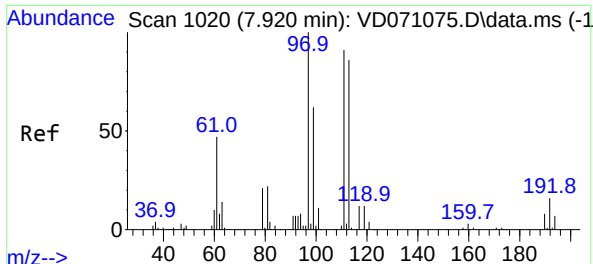
Ion Ratio Lower Upper

114 100

63 21.6 0.0 41.8

88 14.1 0.0 32.8

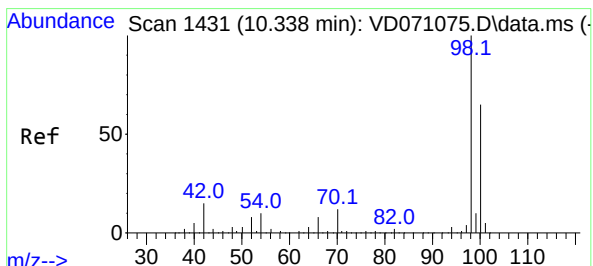
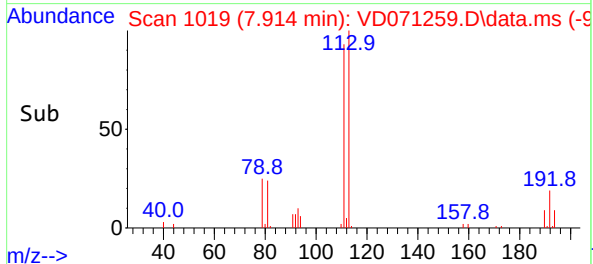
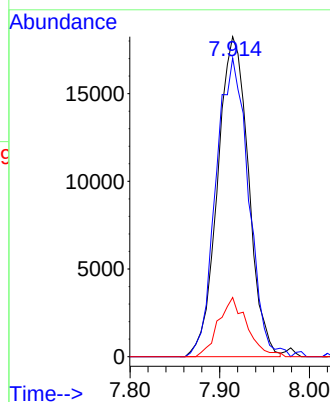
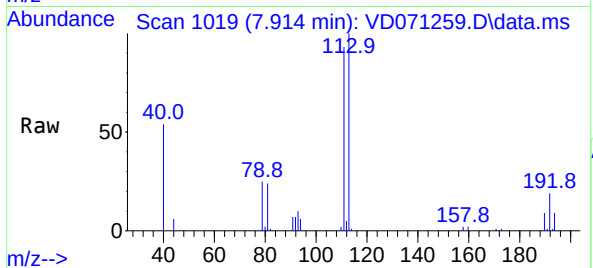




#35
Dibromofluoromethane
Concen: 57.32 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD071259.D
Acq: 10 Dec 2021 18:43

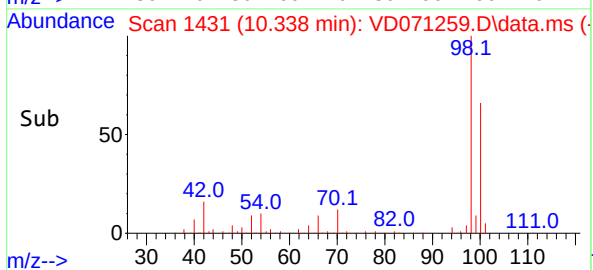
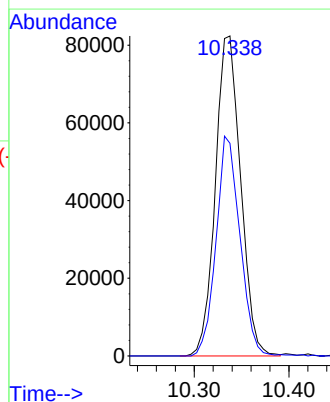
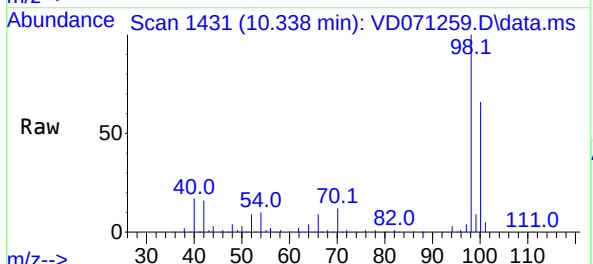
Instrument :
MSVOA_D
ClientSampleId :
TP5

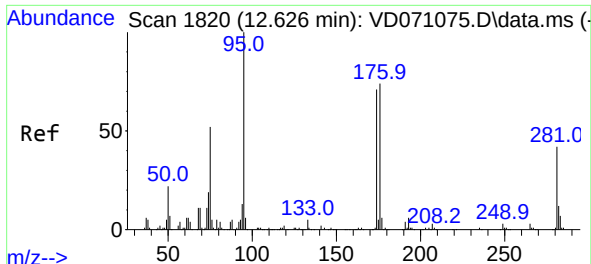
Tgt Ion:113 Resp: 43657
Ion Ratio Lower Upper
113 100
111 98.4 82.0 123.0
192 17.2 15.2 22.8



#50
Toluene-d8
Concen: 52.76 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD071259.D
Acq: 10 Dec 2021 18:43

Tgt Ion: 98 Resp: 152906
Ion Ratio Lower Upper
98 100
100 65.1 51.8 77.6

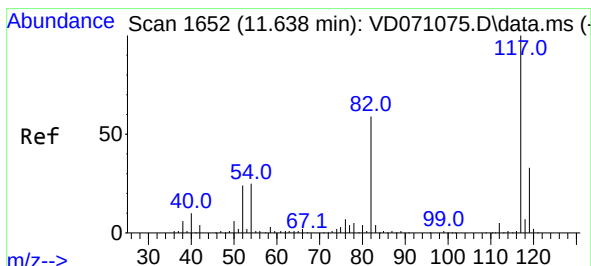
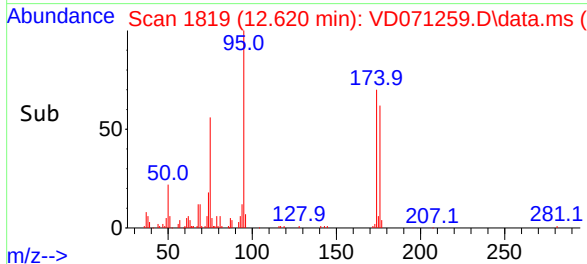
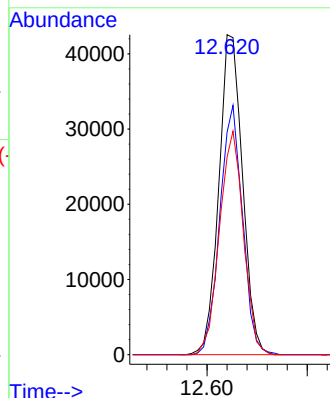
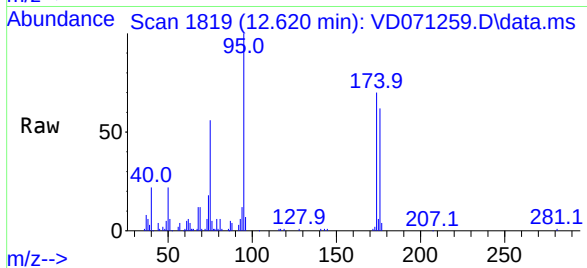




#62
4-Bromofluorobenzene
Concen: 69.37 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD071259.D
Acq: 10 Dec 2021 18:43

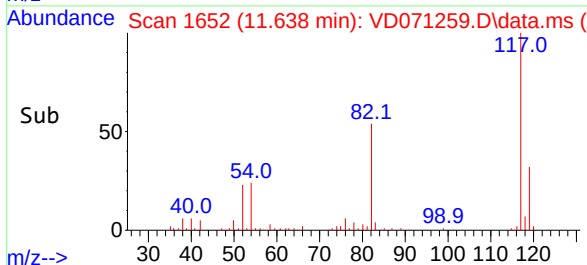
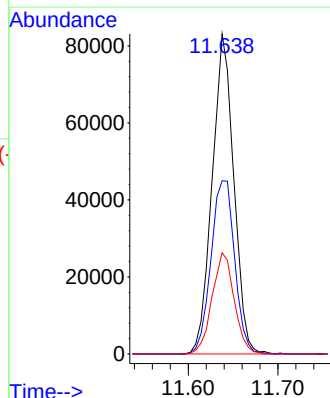
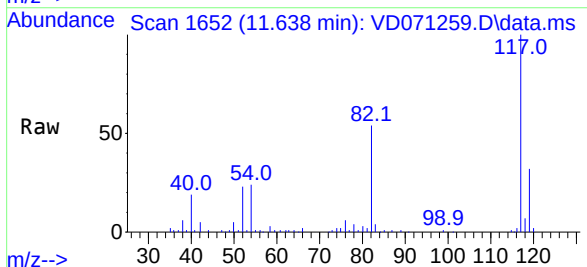
Instrument :
MSVOA_D
ClientSampleId :
TP5

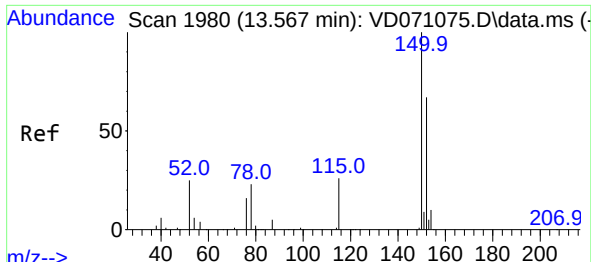
Tgt Ion: 95 Resp: 69698
Ion Ratio Lower Upper
95 100
174 74.8 0.0 159.4
176 70.4 0.0 154.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD071259.D
Acq: 10 Dec 2021 18:43

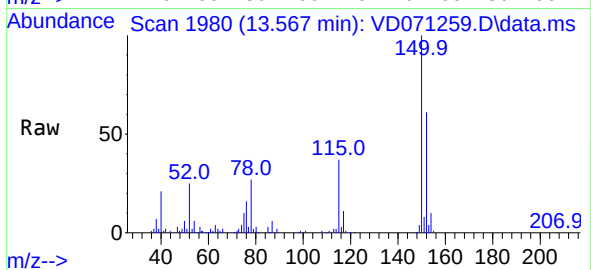
Tgt Ion: 117 Resp: 138934
Ion Ratio Lower Upper
117 100
82 54.1 44.7 67.1
119 31.7 26.2 39.4





#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD071259.D
Acq: 10 Dec 2021 18:43

Instrument :
MSVOA_D
ClientSampleId :
TP5



Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.4	29.8	89.3
150	159.8	0.0	349.2

