

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051722\
 Data File : VD073078.D
 Acq On : 18 May 2022 02:16
 Operator : VA/SY
 Sample : N2820-01
 Misc : 5.06G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 STONE-PILE

Quant Time: May 18 05:14:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051722S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 18 04:58:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	38763	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	68819	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	80022	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	35157	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	39220	80.906	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	161.820%
35) Dibromofluoromethane	7.908	113	31141	64.449	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	128.900%
50) Toluene-d8	10.332	98	84957	48.466	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.940%
62) 4-Bromofluorobenzene	12.620	95	32257	50.807	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	101.620%

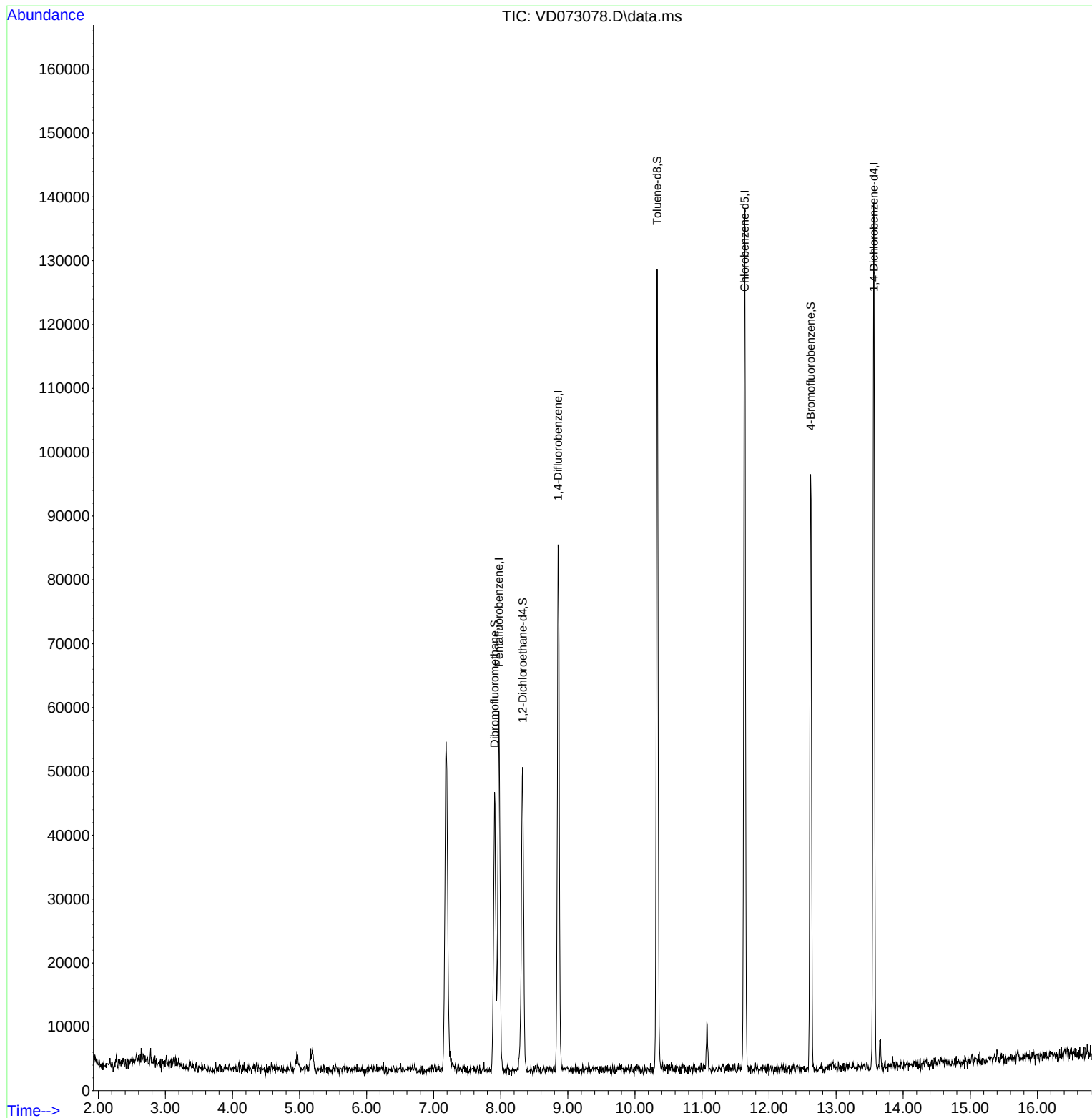
Target Compounds	Qvalue

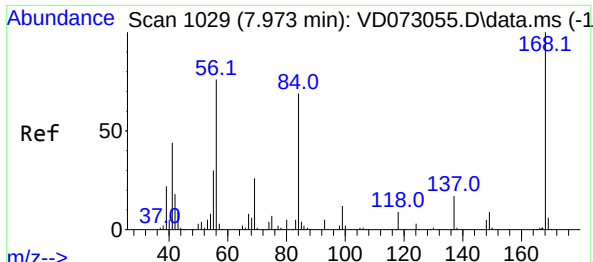
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051722\
Data File : VD073078.D
Acq On : 18 May 2022 02:16
Operator : VA/SY
Sample : N2820-01
Misc : 5.06G/5.00ml/MSVOA_D/SOIL
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
STONE-PILE

Quant Time: May 18 05:14:13 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051722S.M
Quant Title : SW846 8260
QLast Update : Wed May 18 04:58:34 2022
Response via : Initial Calibration

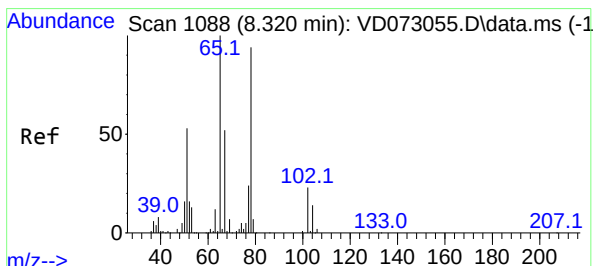
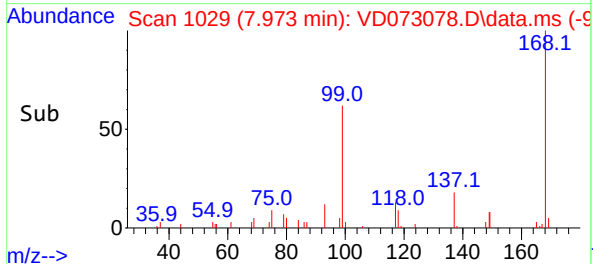
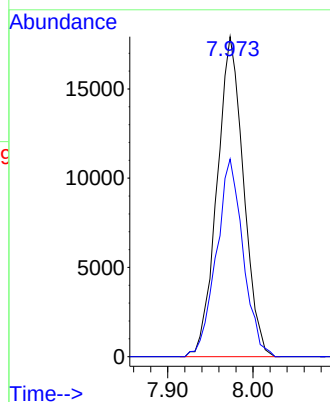
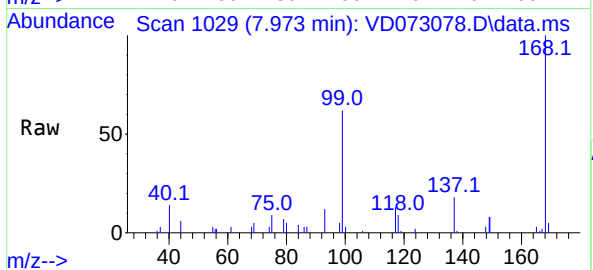




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073078.D
Acq: 18 May 2022 02:16

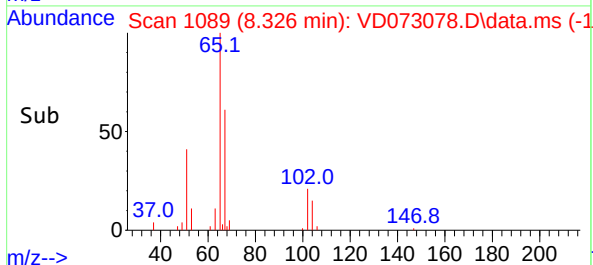
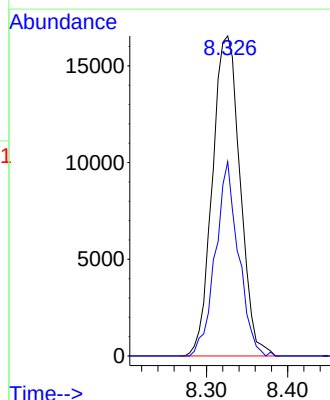
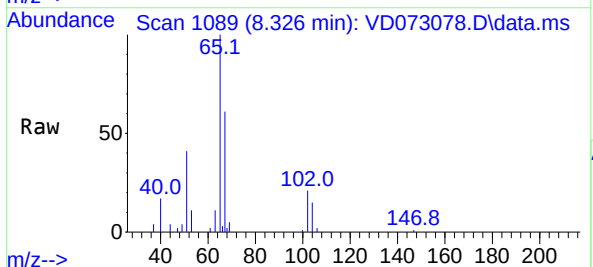
Instrument :
MSVOA_D
ClientSampleId :
STONE-PILE

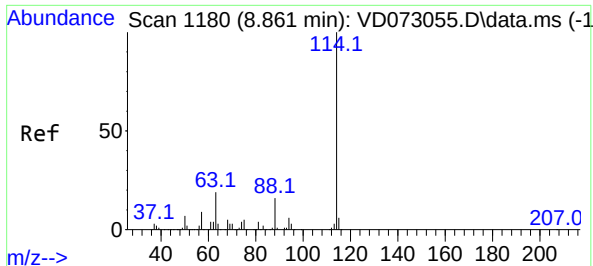
Tgt Ion:168 Resp: 38763
Ion Ratio Lower Upper
168 100
99 61.7 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 80.906 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.006 min
Lab File: VD073078.D
Acq: 18 May 2022 02:16

Tgt Ion: 65 Resp: 39220
Ion Ratio Lower Upper
65 100
67 50.8 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD073078.D

Acq: 18 May 2022 02:16

Instrument :

MSVOA_D

ClientSampleId :

STONE-PILE

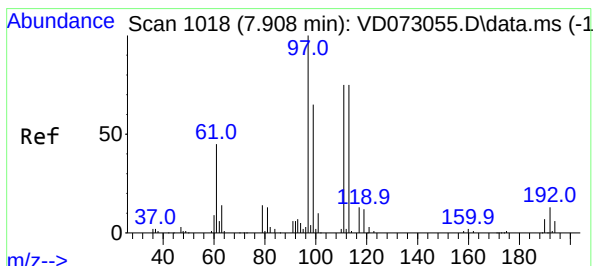
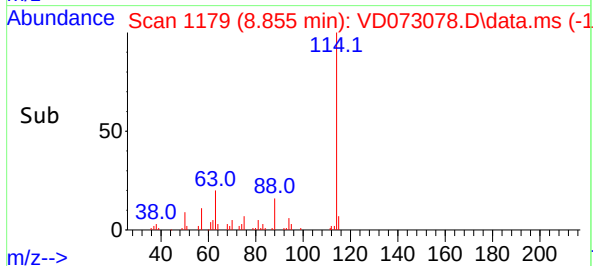
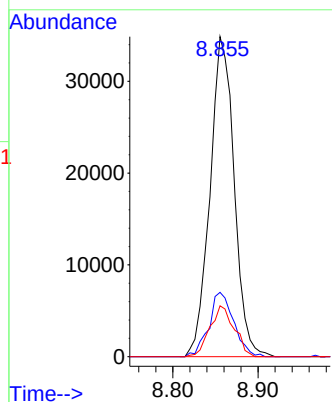
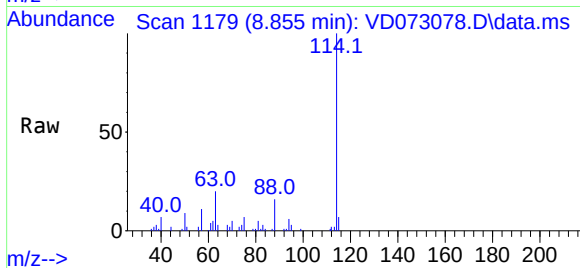
Tgt Ion:114 Resp: 68819

Ion Ratio Lower Upper

114 100

63 20.1 0.0 46.6

88 15.9 0.0 33.2



#35

Dibromofluoromethane

Concen: 64.449 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.000 min

Lab File: VD073078.D

Acq: 18 May 2022 02:16

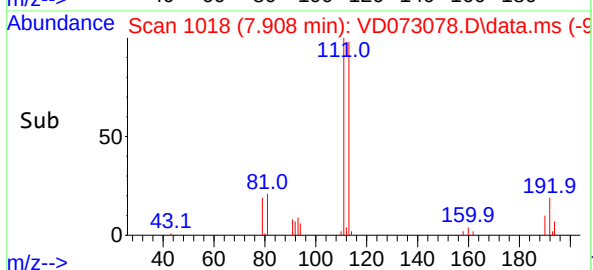
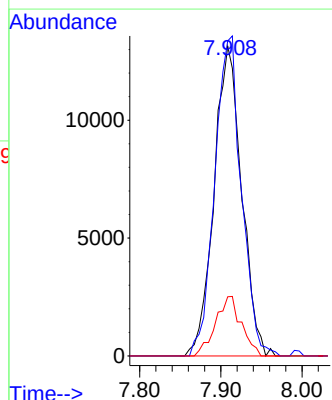
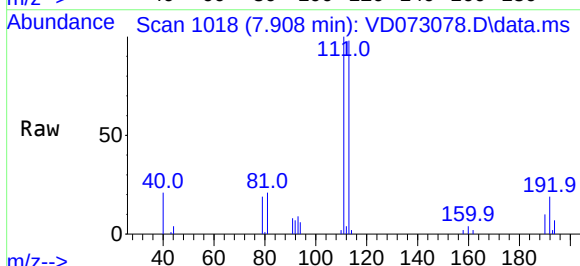
Tgt Ion:113 Resp: 31141

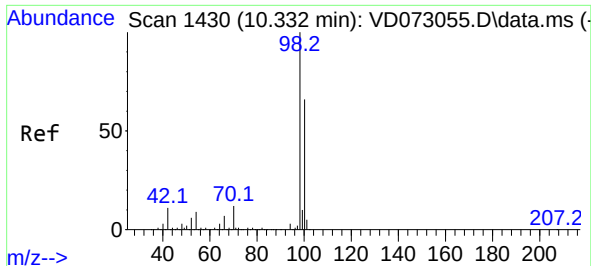
Ion Ratio Lower Upper

113 100

111 99.8 83.8 125.6

192 17.9 14.6 21.8

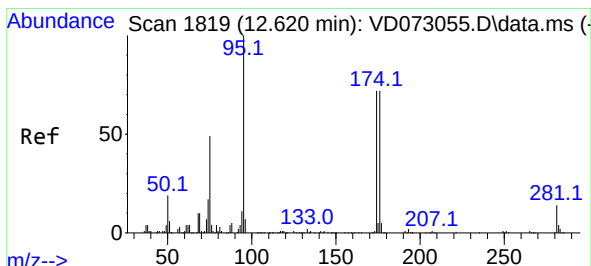
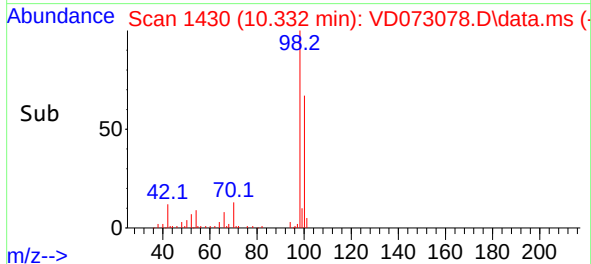
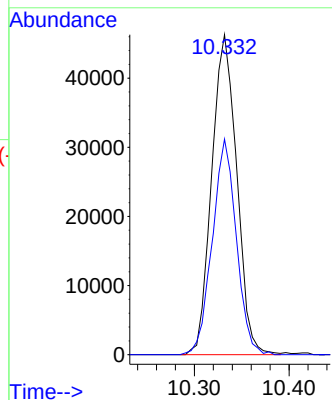
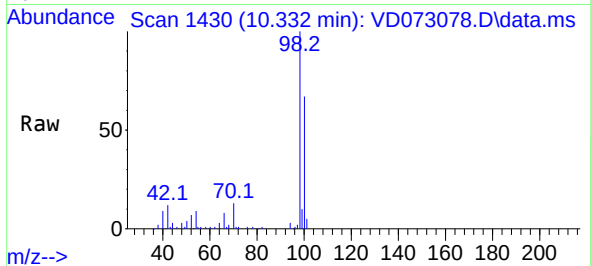




#50
Toluene-d8
Concen: 48.466 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073078.D
Acq: 18 May 2022 02:16

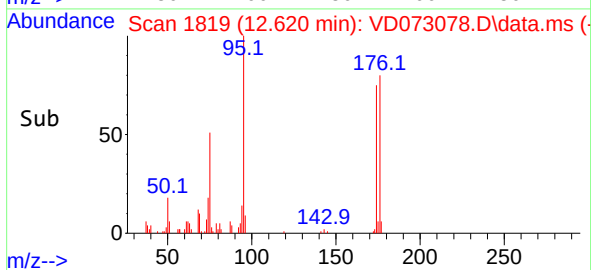
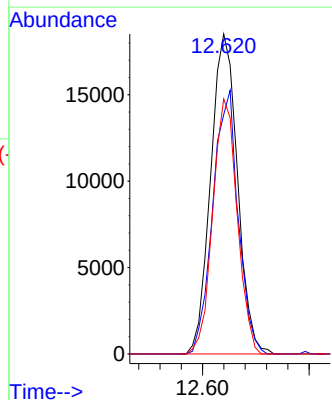
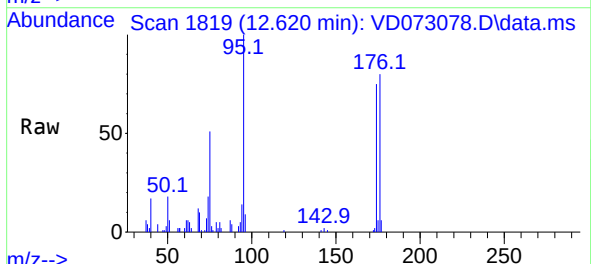
Instrument :
MSVOA_D
ClientSampleId :
STONE-PILE

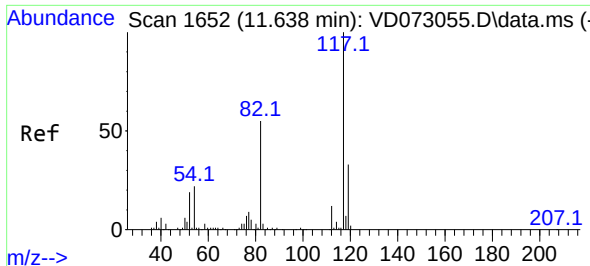
Tgt Ion: 98 Resp: 84957
Ion Ratio Lower Upper
98 100
100 64.8 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 50.807 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073078.D
Acq: 18 May 2022 02:16

Tgt Ion: 95 Resp: 32257
Ion Ratio Lower Upper
95 100
174 78.0 0.0 152.8
176 72.9 0.0 145.4

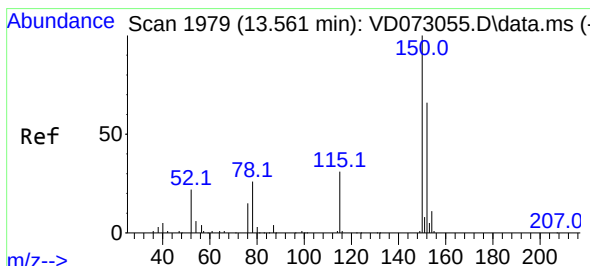
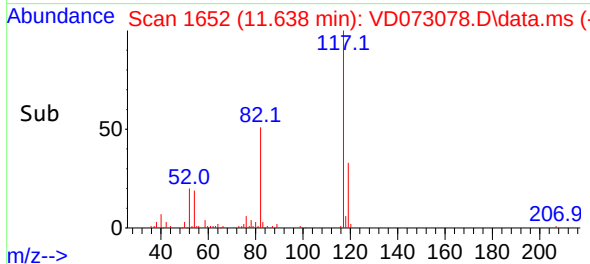
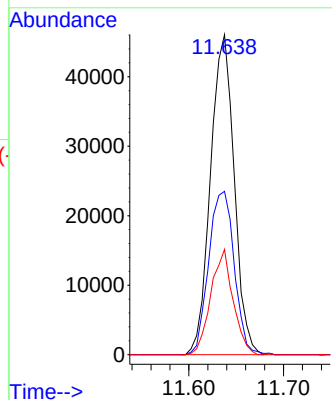
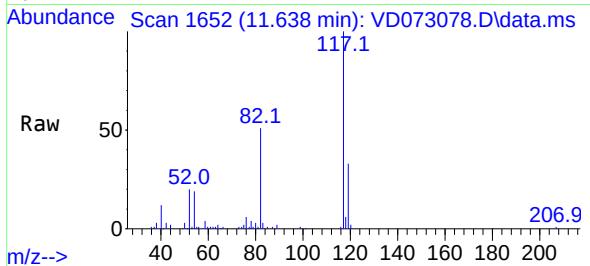




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD073078.D
Acq: 18 May 2022 02:16

Instrument :
MSVOA_D
ClientSampleId :
STONE-PILE

Tgt Ion:117 Resp: 80022
Ion Ratio Lower Upper
117 100
82 51.0 45.3 67.9
119 32.9 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VD073078.D
Acq: 18 May 2022 02:16

Tgt Ion:152 Resp: 35157
Ion Ratio Lower Upper
152 100
115 61.4 31.3 93.8
150 160.2 0.0 348.6

