

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071922\
 Data File : VD073868.D
 Acq On : 19 Jul 2022 18:42
 Operator : VA/SY
 Sample : N3730-05
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-03-6.5-7.0

Quant Time: Jul 20 01:23:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 19 01:56:16 2022
 Response via : Initial Calibration

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

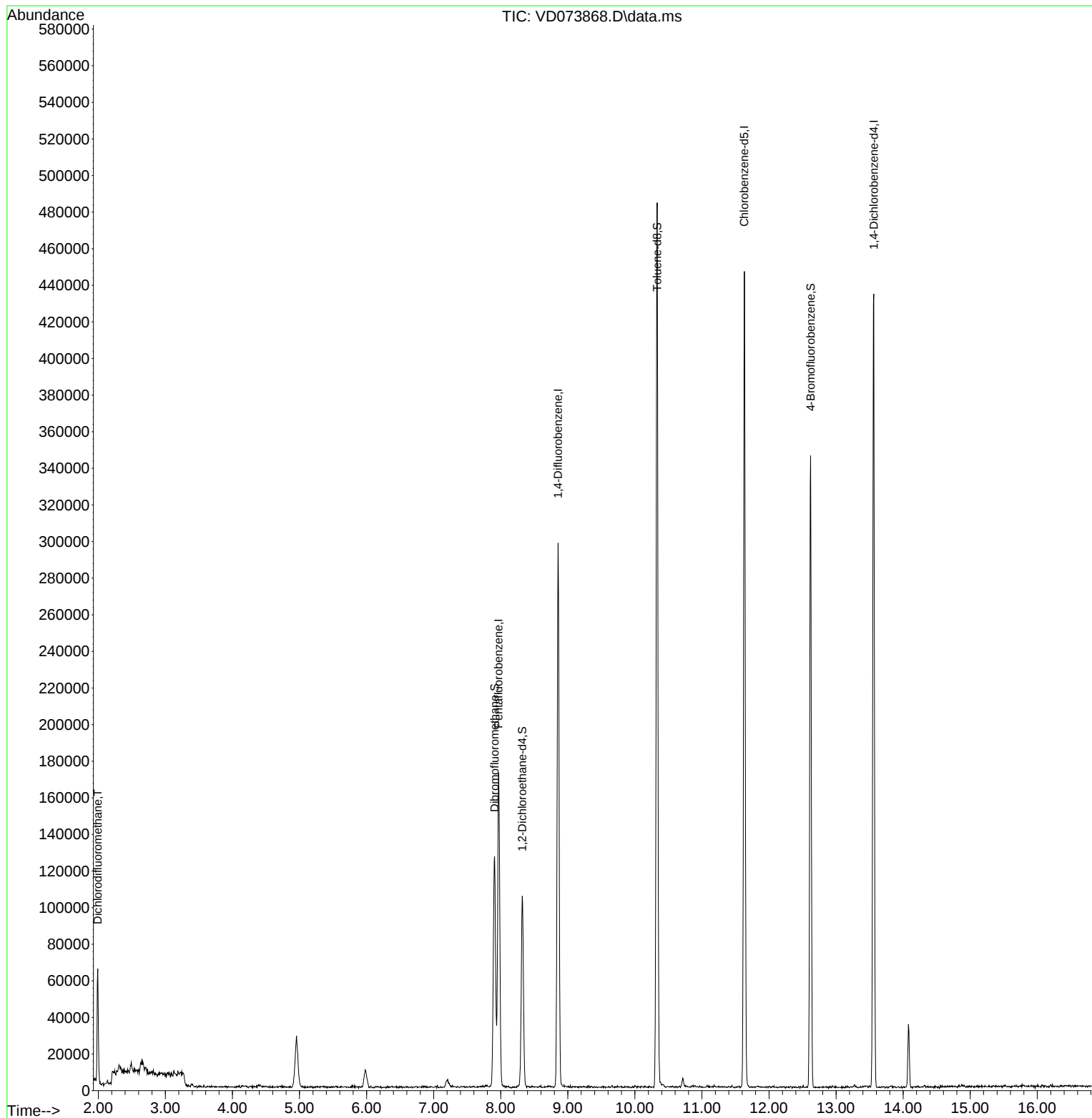
Internal Standards						
1) Pentafluorobenzene	7.967	168	120414	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	247364	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	245944	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	111292	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	82451	57.342	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.680%
35) Dibromofluoromethane	7.909	113	88213	50.549	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.100%
50) Toluene-d8	10.332	98	316892	50.022	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.040%
62) 4-Bromofluorobenzene	12.620	95	108055	49.609	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	99.220%
Target Compounds						
2) Dichlorodifluoromethane	1.991	85	43954	39.558	ug/l	Qvalue 97

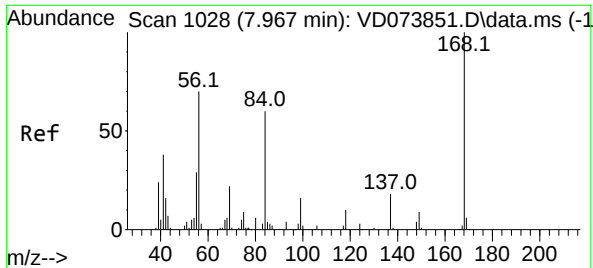
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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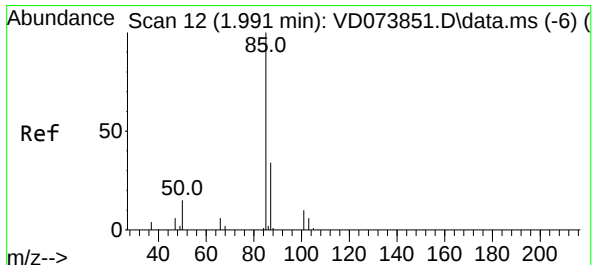
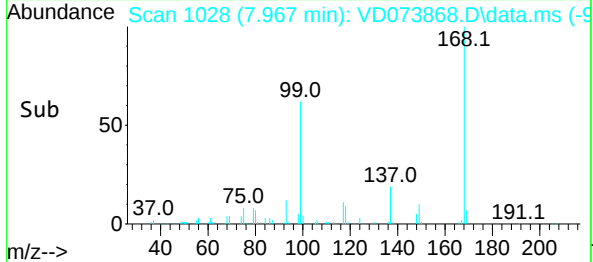
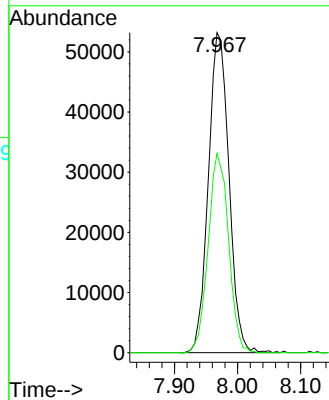
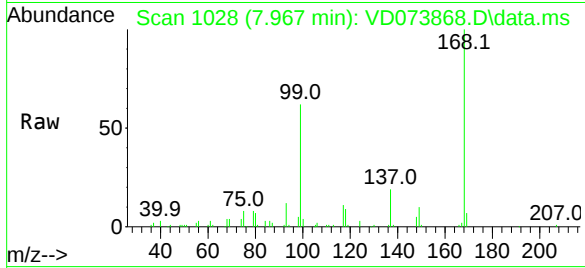




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. 0.000 min
Lab File: VD073868.D
Acq: 19 Jul 2022 18:42

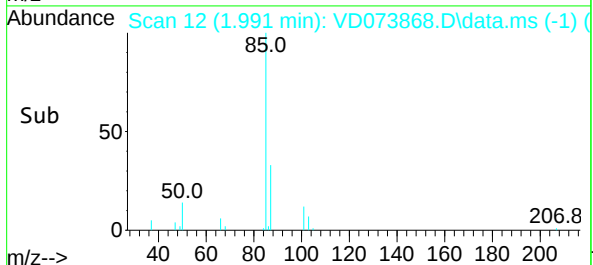
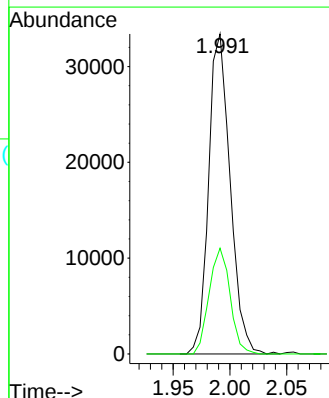
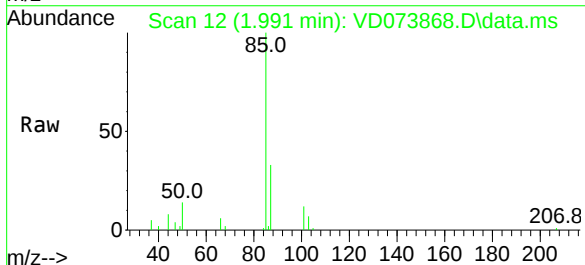
Instrument :
MSVOA_D
ClientSampleId :
SB-03-6.5-7.0

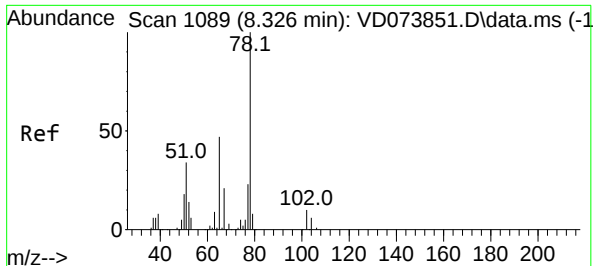
Tgt Ion:168 Resp: 120414
Ion Ratio Lower Upper
168 100
99 62.3 49.8 74.6



#2
Dichlorodifluoromethane
Concen: 39.558 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD073868.D
Acq: 19 Jul 2022 18:42

Tgt Ion: 85 Resp: 43954
Ion Ratio Lower Upper
85 100
87 33.1 15.7 47.0





#33

1,2-Dichloroethane-d4

Concen: 57.342 ug/l

RT: 8.320 min Scan# 1089

Delta R.T. -0.006 min

Lab File: VD073868.D

Acq: 19 Jul 2022 18:42

Instrument :

MSVOA_D

ClientSampleId :

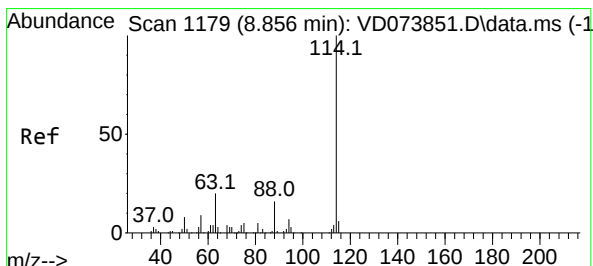
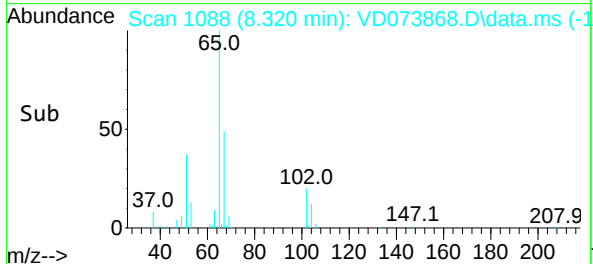
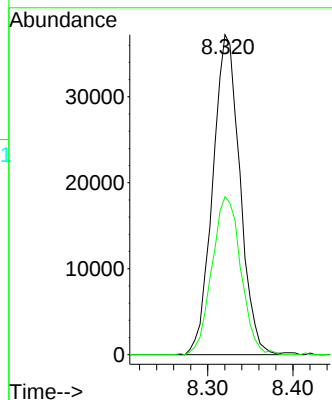
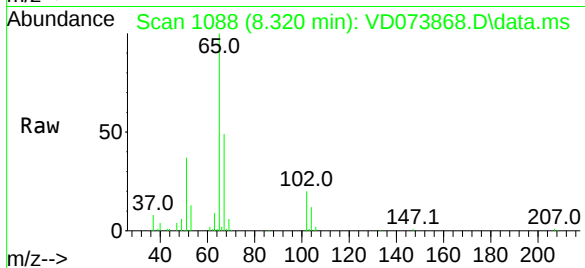
SB-03-6.5-7.0

Tgt Ion: 65 Resp: 82451

Ion Ratio Lower Upper

65 100

67 52.5 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.856 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VD073868.D

Acq: 19 Jul 2022 18:42

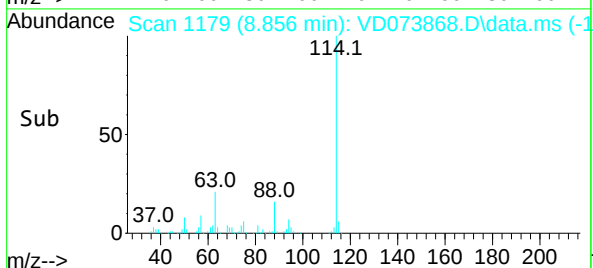
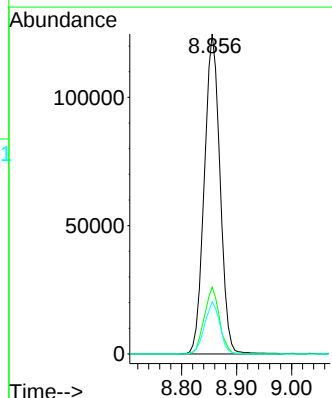
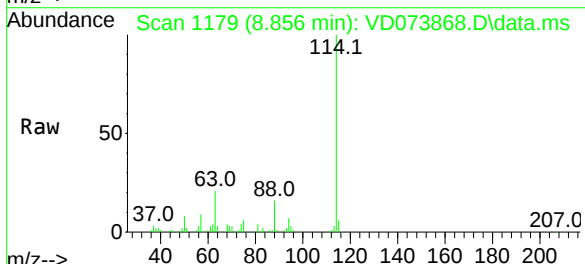
Tgt Ion: 114 Resp: 247364

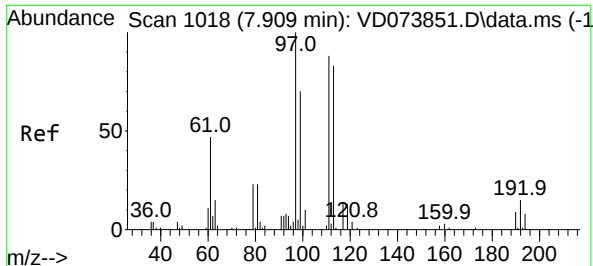
Ion Ratio Lower Upper

114 100

63 20.9 0.0 46.6

88 16.3 0.0 33.2

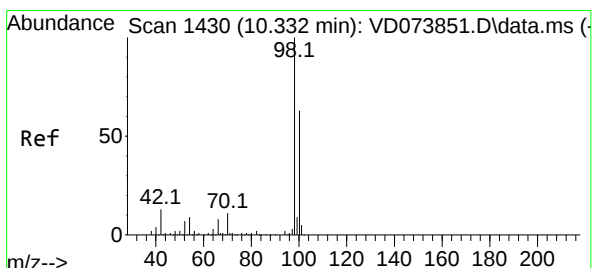
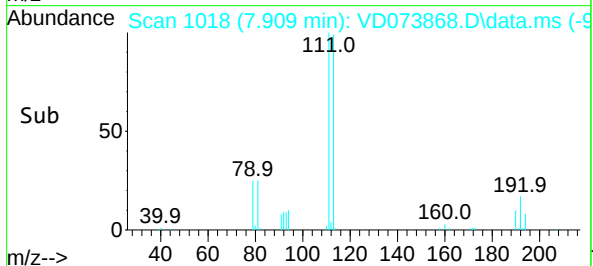
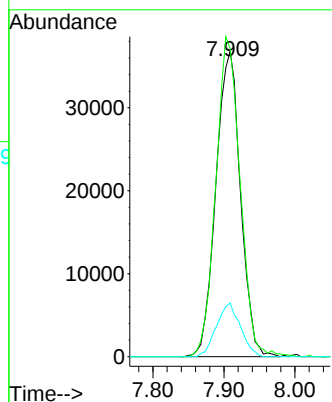
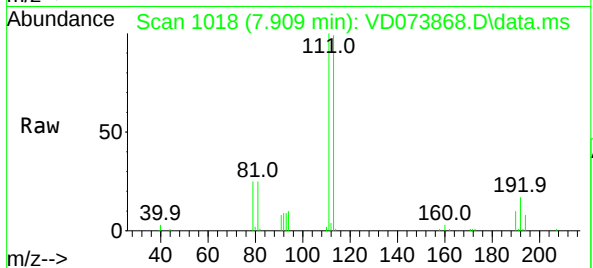




#35
Dibromofluoromethane
Concen: 50.549 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. 0.000 min
Lab File: VD073868.D
Acq: 19 Jul 2022 18:42

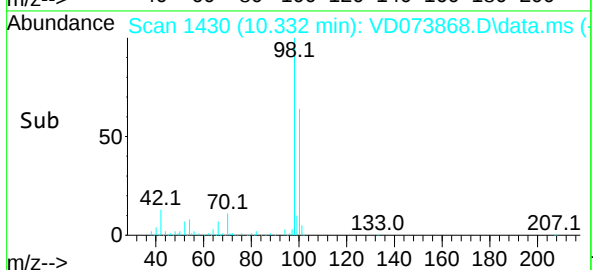
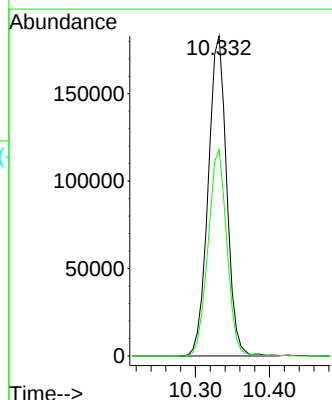
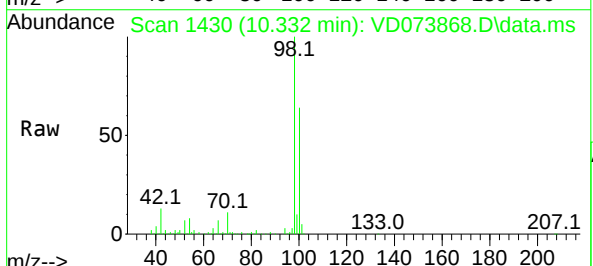
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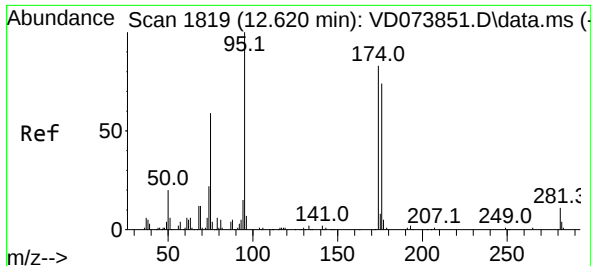
Tgt Ion:113 Resp: 88213
Ion Ratio Lower Upper
113 100
111 103.8 83.8 125.6
192 17.2 14.6 21.8



#50
Toluene-d8
Concen: 50.022 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD073868.D
Acq: 19 Jul 2022 18:42

Tgt Ion: 98 Resp: 316892
Ion Ratio Lower Upper
98 100
100 65.5 52.4 78.6

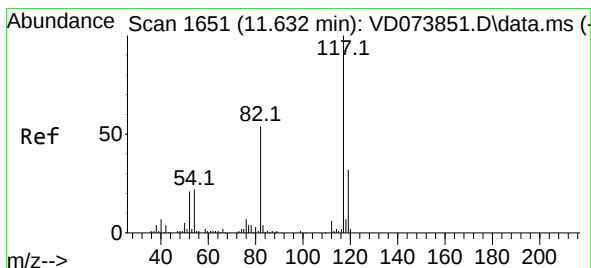
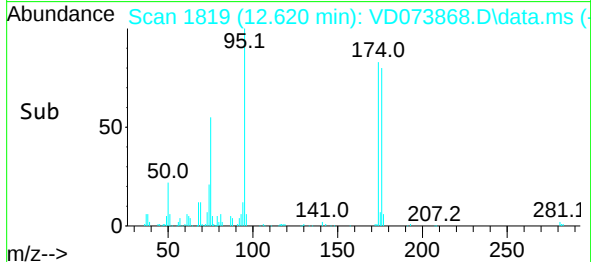
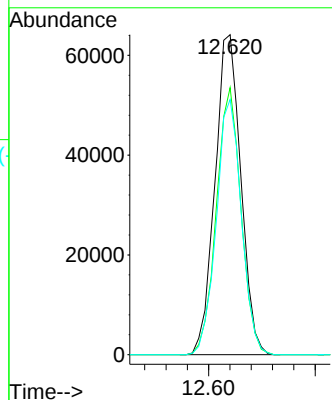
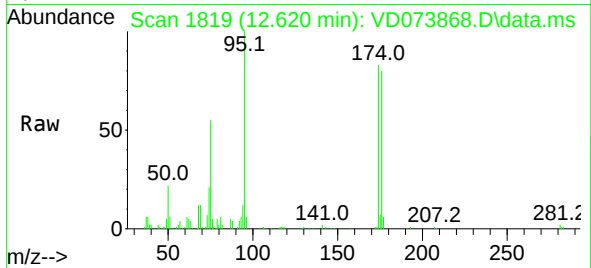




#62
4-Bromofluorobenzene
Concen: 49.609 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073868.D
Acq: 19 Jul 2022 18:42

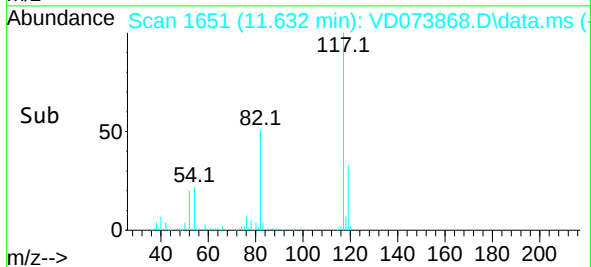
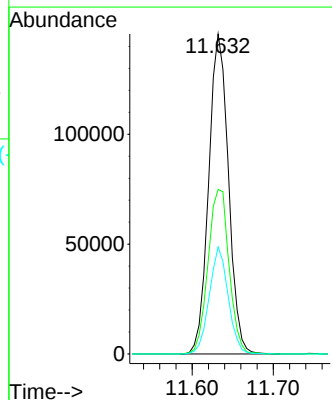
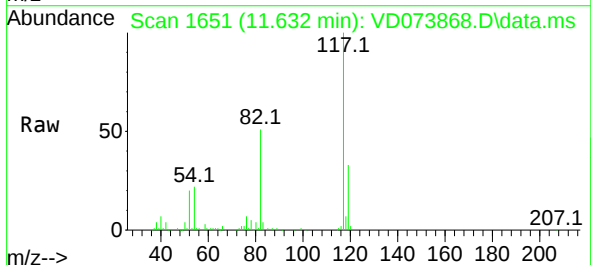
Instrument :
MSVOA_D
ClientSampleId :
SB-03-6.5-7.0

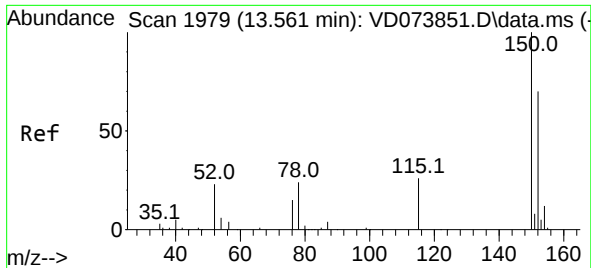
Tgt Ion: 95 Resp: 108055
Ion Ratio Lower Upper
95 100
174 79.4 0.0 152.8
176 76.9 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. 0.000 min
Lab File: VD073868.D
Acq: 19 Jul 2022 18:42

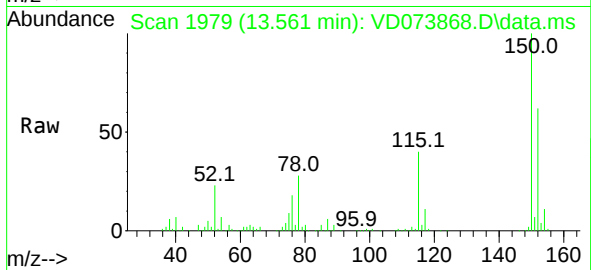
Tgt Ion: 117 Resp: 245944
Ion Ratio Lower Upper
117 100
82 51.4 45.3 67.9
119 33.4 26.6 40.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VD073868.D
 Acq: 19 Jul 2022 18:42

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-03-6.5-7.0



Tgt Ion:152 Resp: 111292
 Ion Ratio Lower Upper
 152 100
 115 63.0 31.3 93.8
 150 158.1 0.0 348.6

