

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071922\
 Data File : VD073866.D
 Acq On : 19 Jul 2022 17:40
 Operator : VA/SY
 Sample : N3730-01
 Misc : 5.05G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-01-6.5-7.0

Quant Time: Jul 20 01:23:05 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)

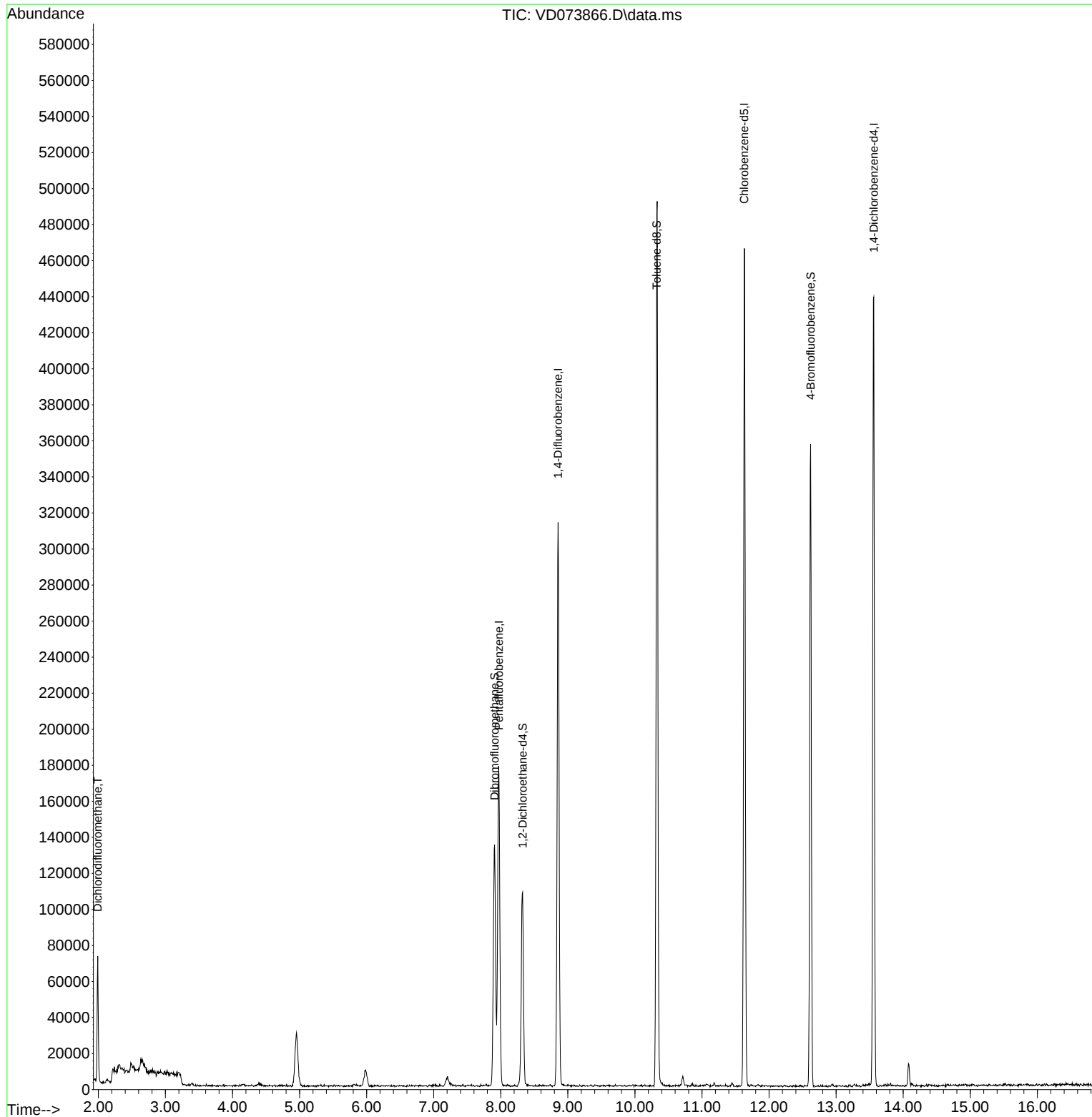
Internal Standards						
1) Pentafluorobenzene	7.973	168	125825	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	263113	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	255593	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	114786	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	86405	57.508	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.020%
35) Dibromofluoromethane	7.908	113	92880	50.037	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.080%
50) Toluene-d8	10.326	98	328929	48.814	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.620%
62) 4-Bromofluorobenzene	12.620	95	114930	49.607	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	99.220%
Target Compounds						
2) Dichlorodifluoromethane	1.991	85	46044	39.662	ug/l	Qvalue 96

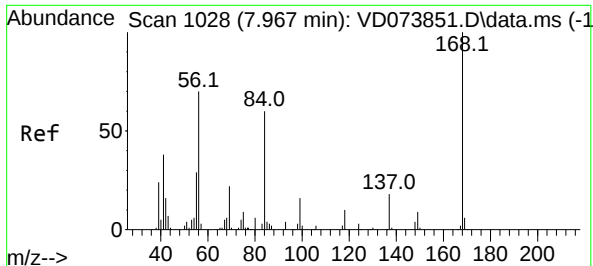
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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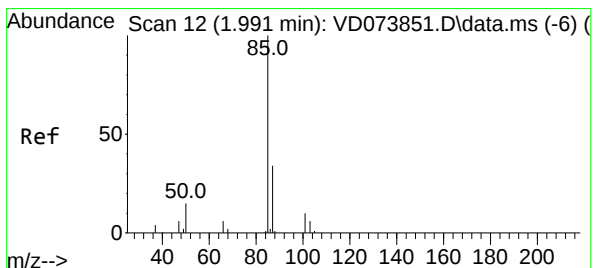
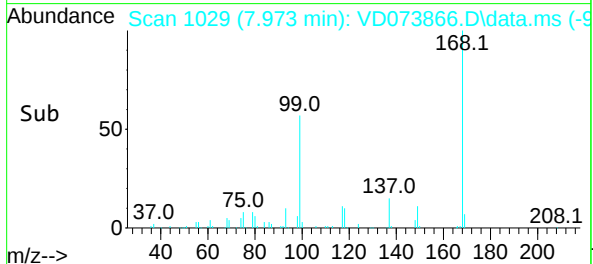
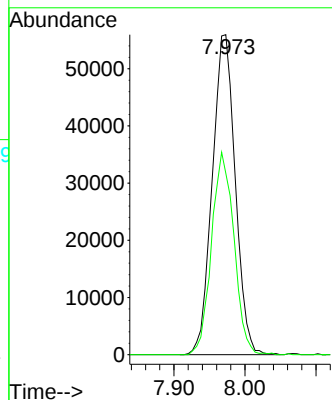
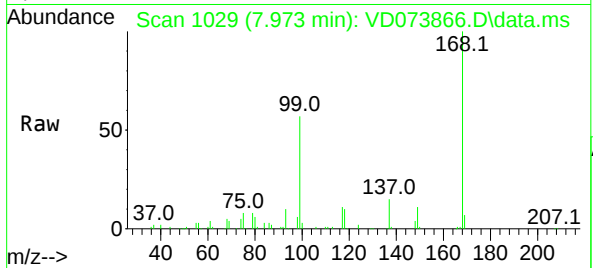




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 10
Delta R.T. 0.006 min
Lab File: VD073866.D
Acq: 19 Jul 2022 17:40

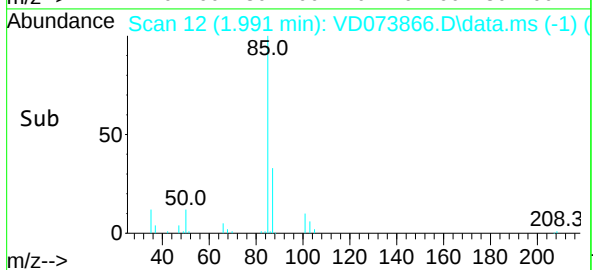
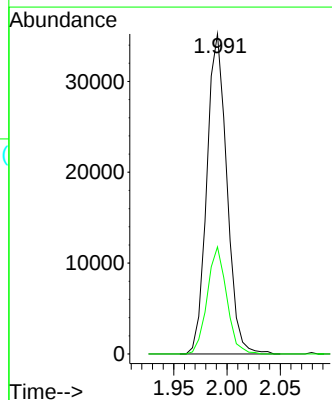
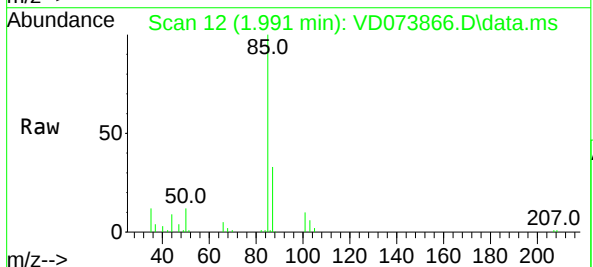
Instrument :
MSVOA_D
ClientSampleId :
SB-01-6.5-7.0

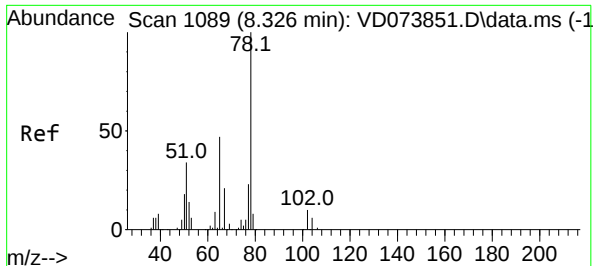
Tgt Ion:168 Resp: 125825
Ion Ratio Lower Upper
168 100
99 56.7 49.8 74.6



#2
Dichlorodifluoromethane
Concen: 39.662 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD073866.D
Acq: 19 Jul 2022 17:40

Tgt Ion: 85 Resp: 46044
Ion Ratio Lower Upper
85 100
87 33.5 15.7 47.0





#33

1,2-Dichloroethane-d4

Concen: 57.508 ug/l

RT: 8.326 min Scan# 1108

Delta R.T. -0.000 min

Lab File: VD073866.D

Acq: 19 Jul 2022 17:40

Instrument :

MSVOA_D

ClientSampleId :

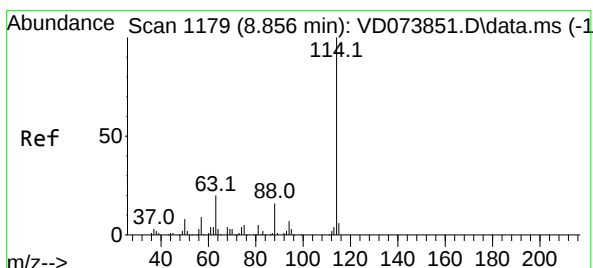
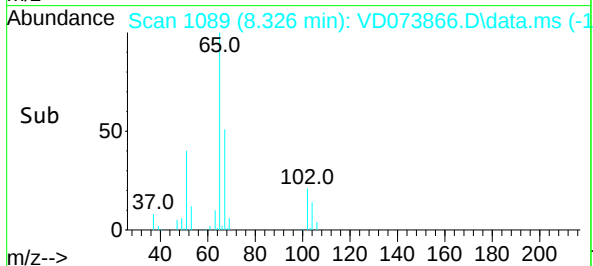
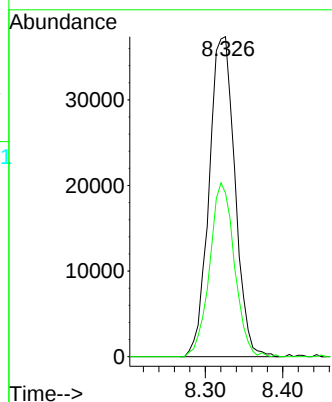
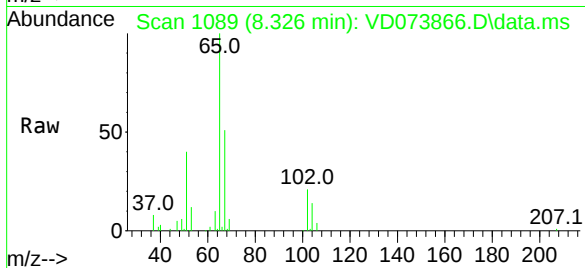
SB-01-6.5-7.0

Tgt Ion: 65 Resp: 86405

Ion Ratio Lower Upper

65 100

67 52.0 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VD073866.D

Acq: 19 Jul 2022 17:40

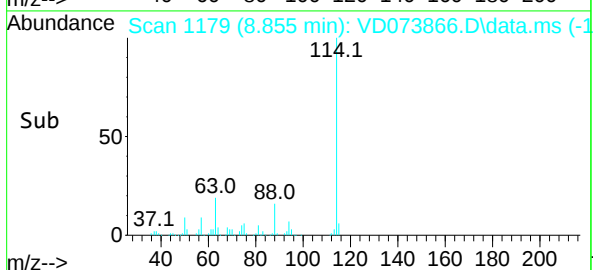
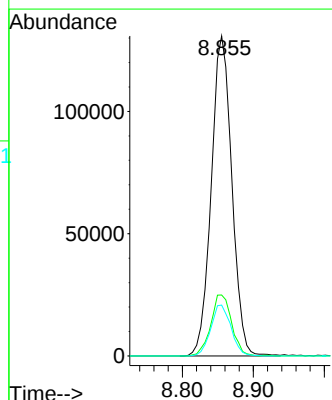
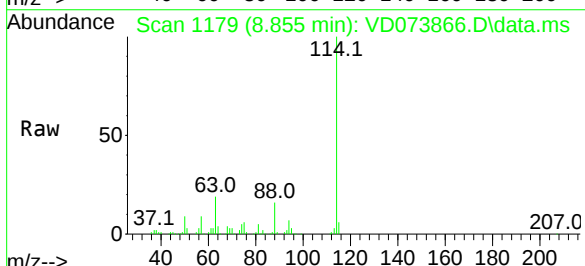
Tgt Ion: 114 Resp: 263113

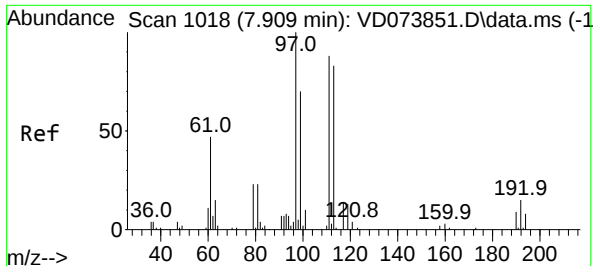
Ion Ratio Lower Upper

114 100

63 19.1 0.0 46.6

88 15.9 0.0 33.2





#35

Dibromofluoromethane

Concen: 50.037 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.000 min

Lab File: VD073866.D

Acq: 19 Jul 2022 17:40

Instrument :

MSVOA_D

ClientSampleId :

SB-01-6.5-7.0

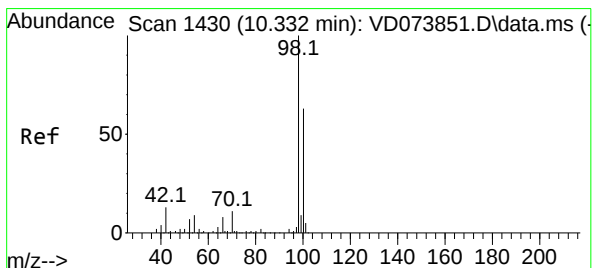
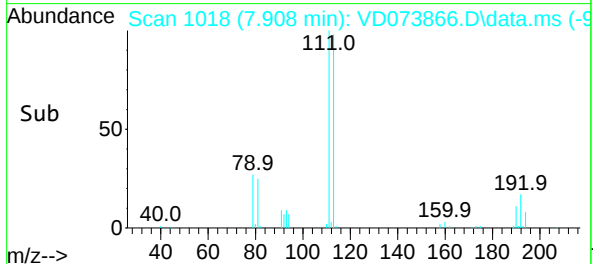
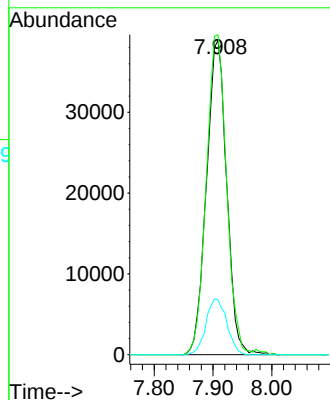
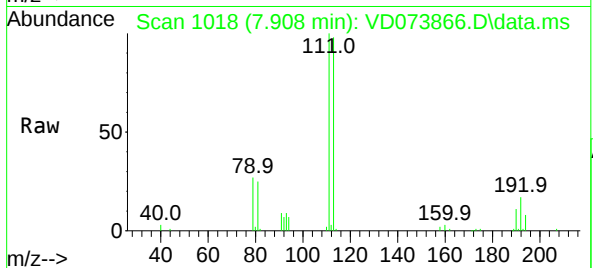
Tgt Ion:113 Resp: 92880

Ion Ratio Lower Upper

113 100

111 101.7 83.8 125.6

192 18.2 14.6 21.8



#50

Toluene-d8

Concen: 48.814 ug/l

RT: 10.326 min Scan# 1429

Delta R.T. -0.006 min

Lab File: VD073866.D

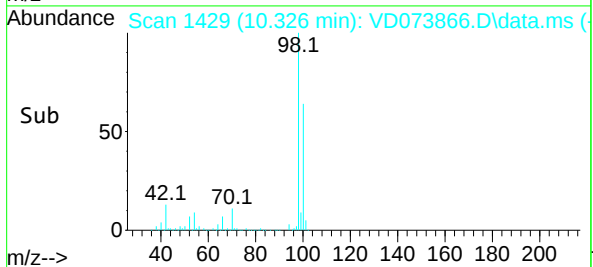
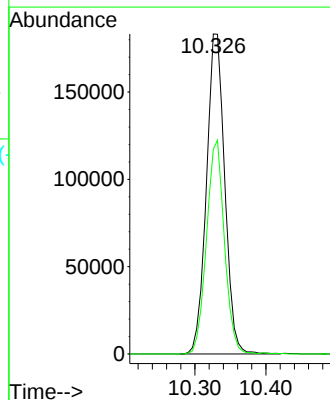
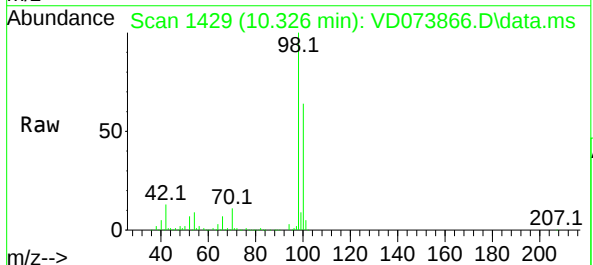
Acq: 19 Jul 2022 17:40

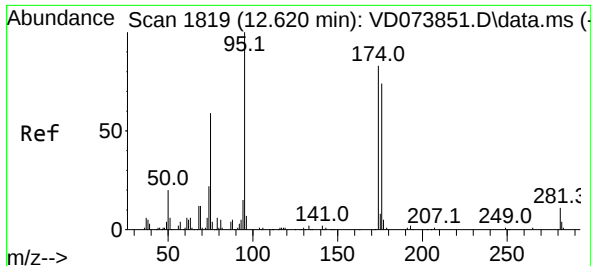
Tgt Ion: 98 Resp: 328929

Ion Ratio Lower Upper

98 100

100 65.1 52.4 78.6

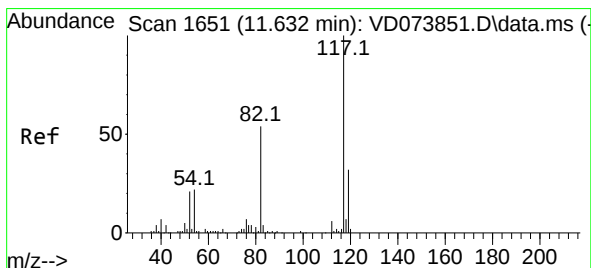
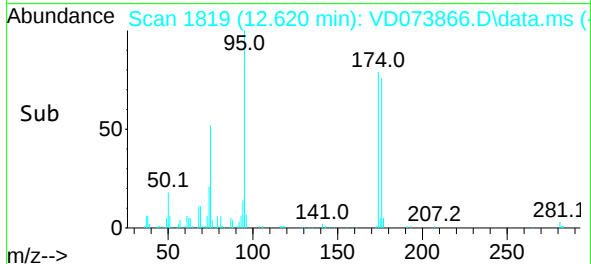
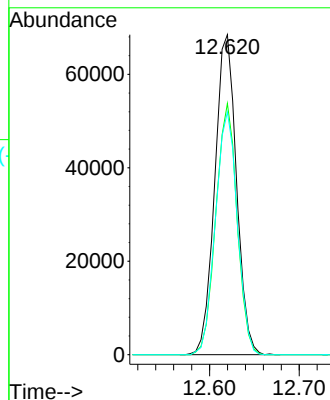
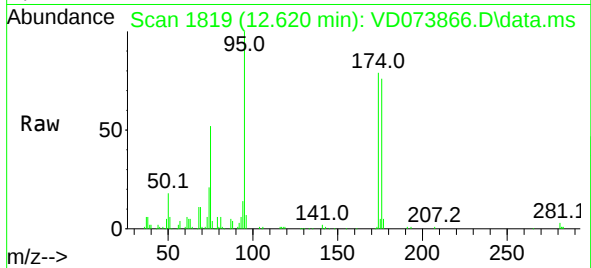




#62
4-Bromofluorobenzene
Concen: 49.607 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073866.D
Acq: 19 Jul 2022 17:40

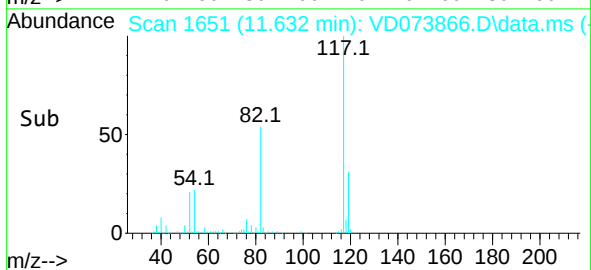
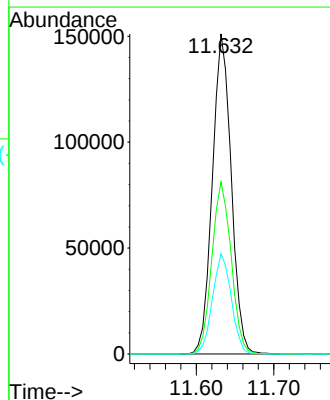
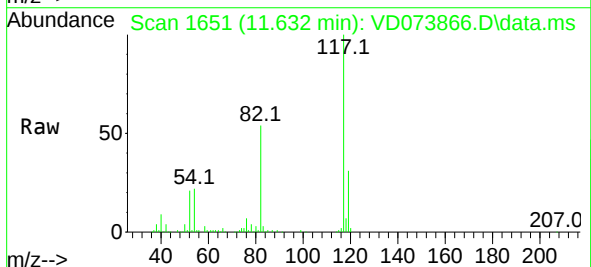
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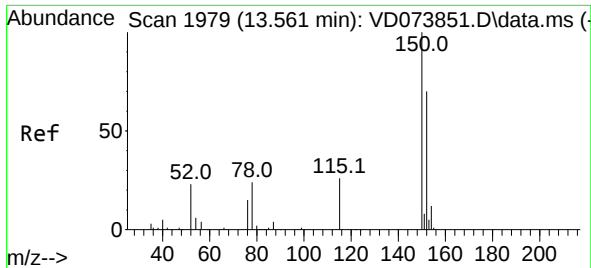
Tgt Ion: 95 Resp: 114930
Ion Ratio Lower Upper
95 100
174 76.7 0.0 152.8
176 76.3 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.000 min
Lab File: VD073866.D
Acq: 19 Jul 2022 17:40

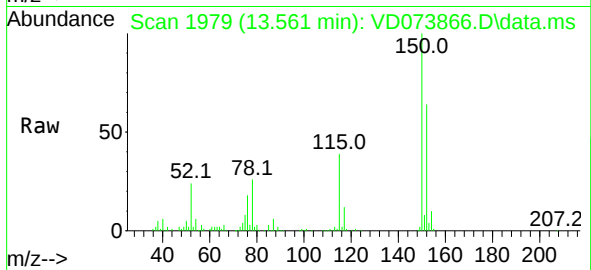
Tgt Ion: 117 Resp: 255593
Ion Ratio Lower Upper
117 100
82 53.8 45.3 67.9
119 31.4 26.6 40.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1979
 Delta R.T. -0.000 min
 Lab File: VD073866.D
 Acq: 19 Jul 2022 17:40

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-01-6.5-7.0



Tgt Ion:152 Resp: 114786
 Ion Ratio Lower Upper
 152 100
 115 62.4 31.3 93.8
 150 156.4 0.0 348.6

