

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081622\
 Data File : VD074109.D
 Acq On : 16 Aug 2022 18:50
 Operator : VA/SY
 Sample : N4189-09
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB16

Quant Time: Aug 16 20:53:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081522S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 16 01:41:25 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	38015	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	67647	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	70315	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	29609	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	26743	102.426	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	204.860%#
35) Dibromofluoromethane	7.908	113	26162	60.521	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	121.040%
50) Toluene-d8	10.332	98	46641	35.537	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	71.080%
62) 4-Bromofluorobenzene	12.620	95	22880	42.216	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	84.440%

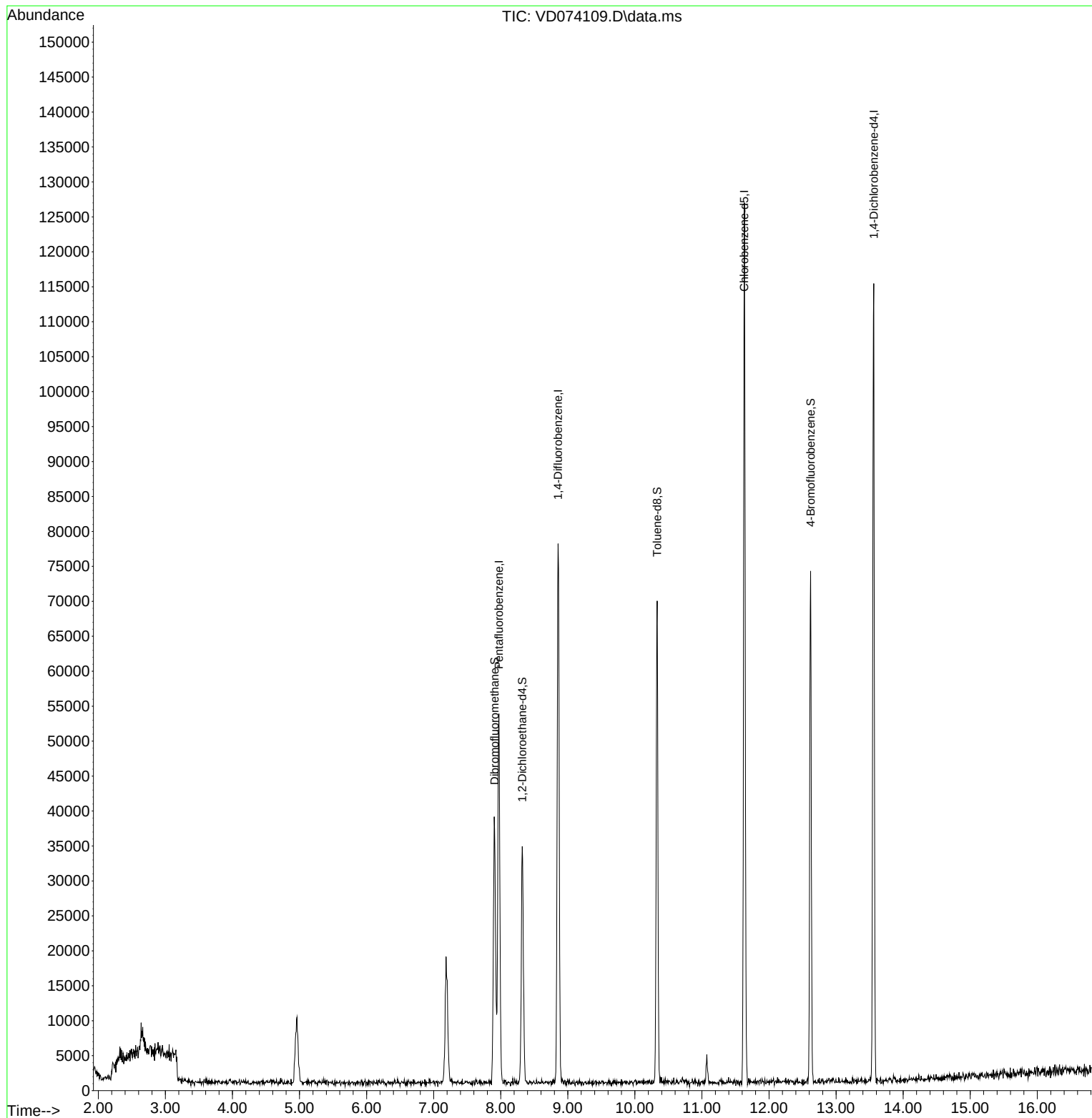
Target Compounds	Qvalue

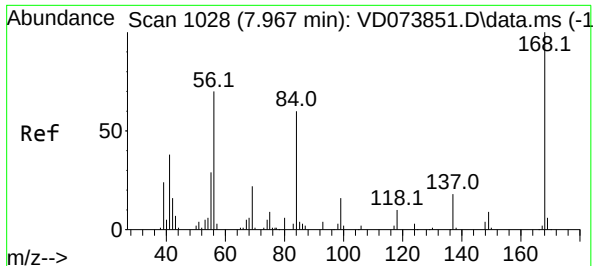
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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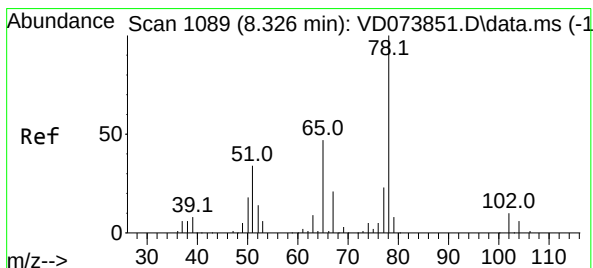
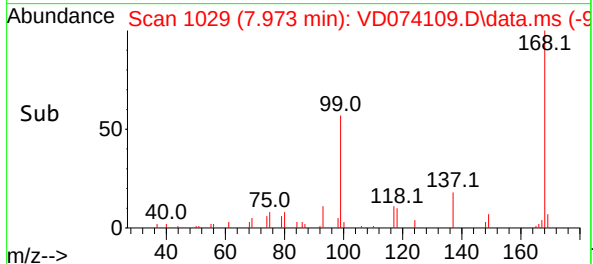
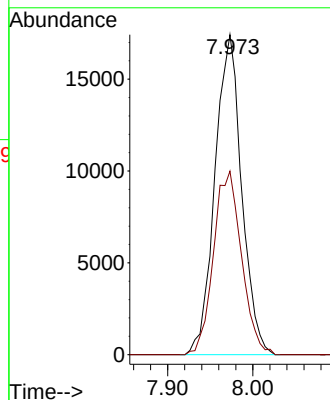
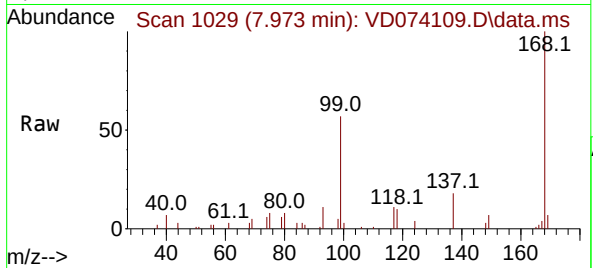




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1028
Delta R.T. 0.006 min
Lab File: VD074109.D
Acq: 16 Aug 2022 18:50

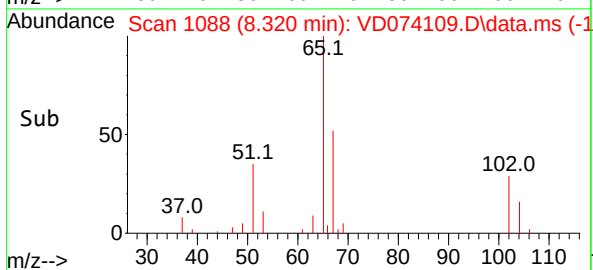
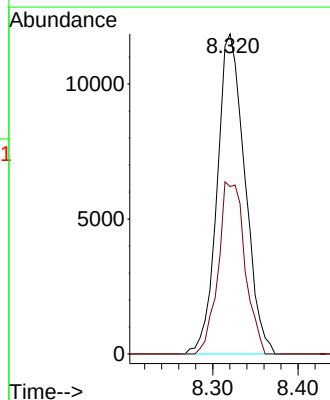
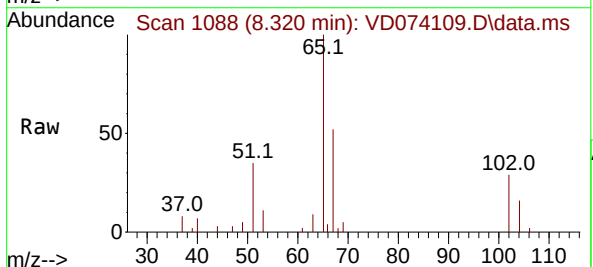
Instrument :
MSVOA_D
ClientSampleId :
SB16

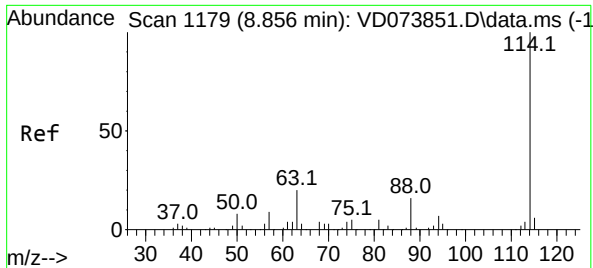
Tgt Ion:168 Resp: 38015
Ion Ratio Lower Upper
168 100
99 57.4 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 102.426 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VD074109.D
Acq: 16 Aug 2022 18:50

Tgt Ion: 65 Resp: 26743
Ion Ratio Lower Upper
65 100
67 51.7 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: VD074109.D

Acq: 16 Aug 2022 18:50

Instrument :

MSVOA_D

ClientSampleId :

SB16

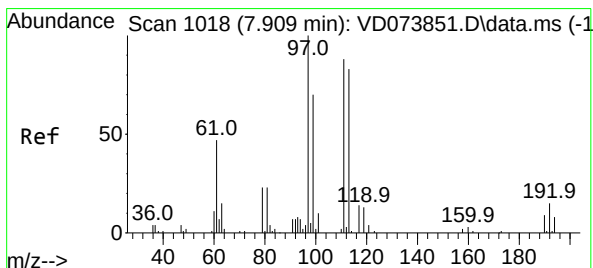
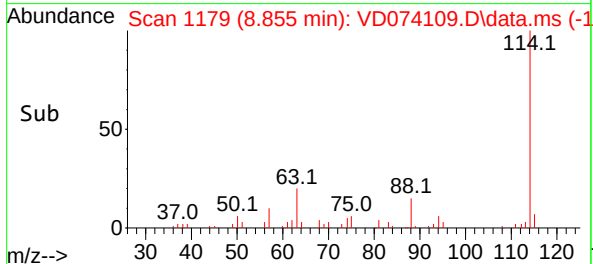
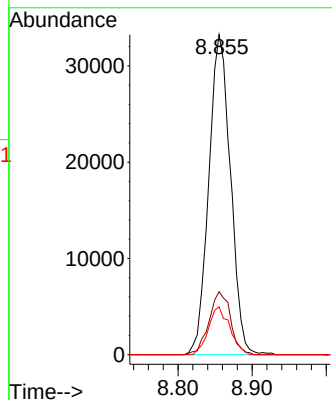
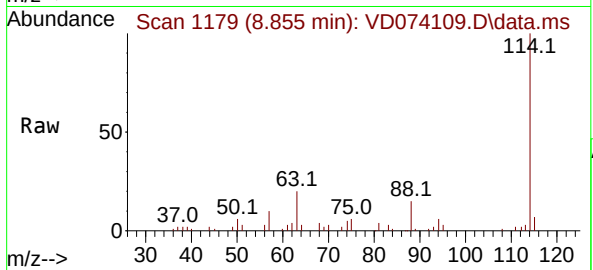
Tgt Ion:114 Resp: 67647

Ion Ratio Lower Upper

114 100

63 19.7 0.0 46.6

88 15.0 0.0 33.2



#35

Dibromofluoromethane

Concen: 60.521 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.001 min

Lab File: VD074109.D

Acq: 16 Aug 2022 18:50

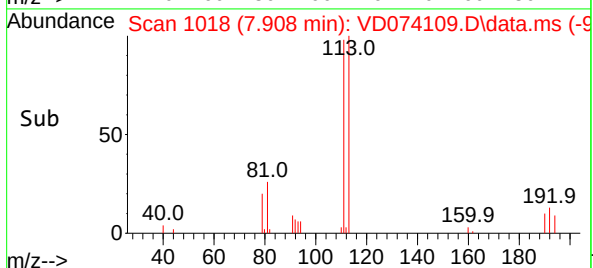
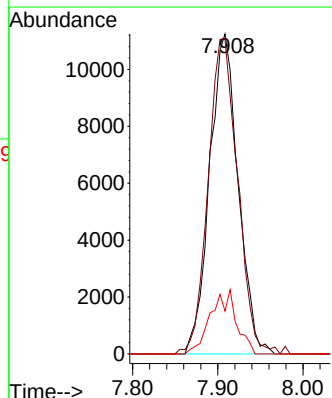
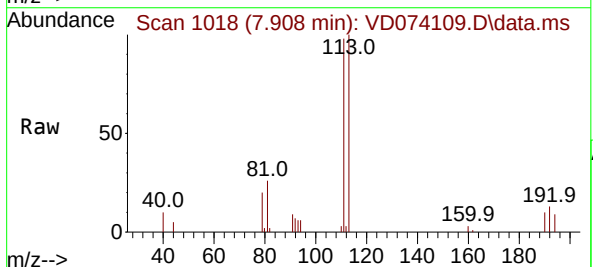
Tgt Ion:113 Resp: 26162

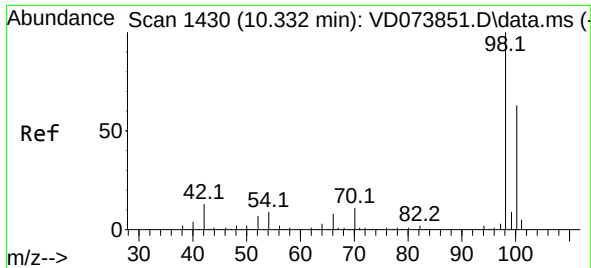
Ion Ratio Lower Upper

113 100

111 102.1 83.8 125.6

192 18.1 14.6 21.8

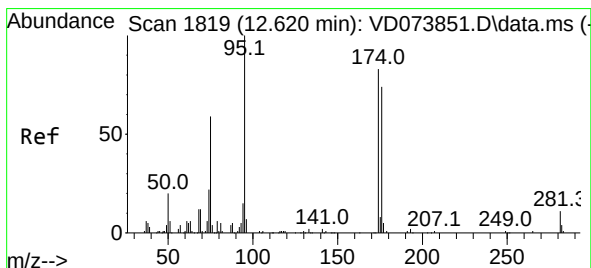
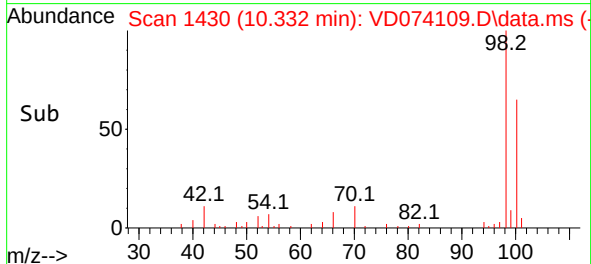
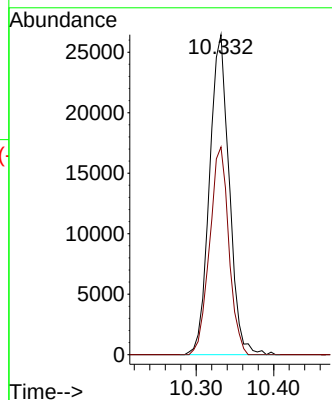
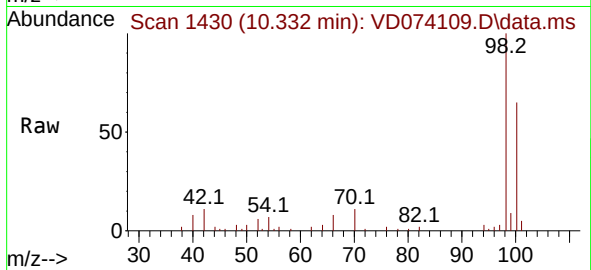




#50
Toluene-d8
Concen: 35.537 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD074109.D
Acq: 16 Aug 2022 18:50

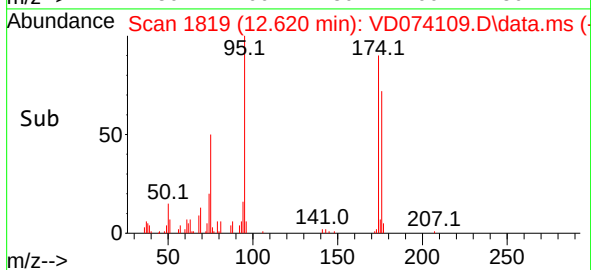
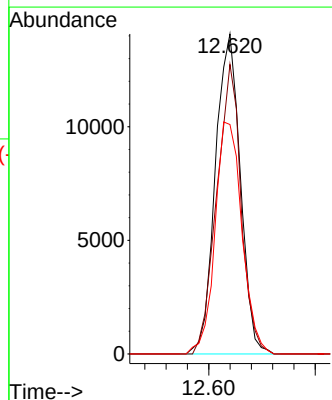
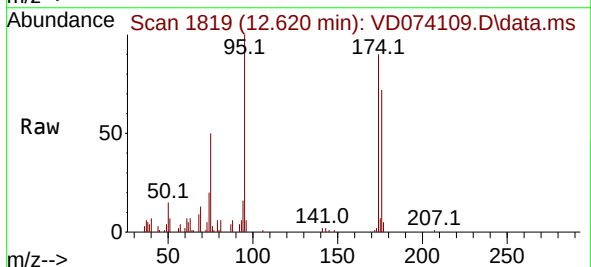
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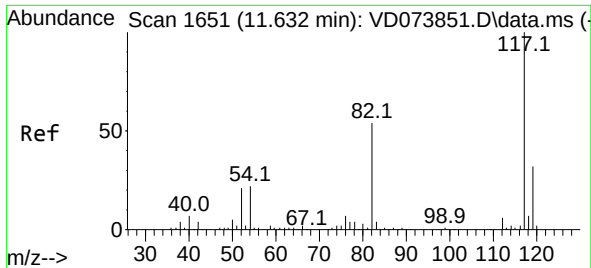
Tgt Ion: 98 Resp: 46641
Ion Ratio Lower Upper
98 100
100 63.1 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 42.216 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD074109.D
Acq: 16 Aug 2022 18:50

Tgt Ion: 95 Resp: 22880
Ion Ratio Lower Upper
95 100
174 88.3 0.0 152.8
176 78.3 0.0 145.4

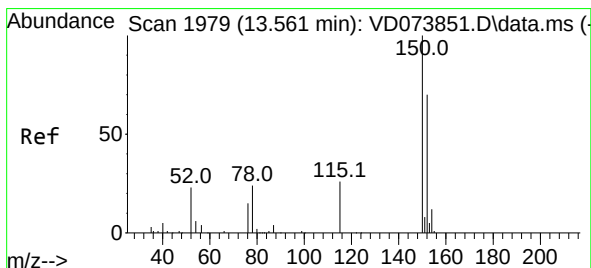
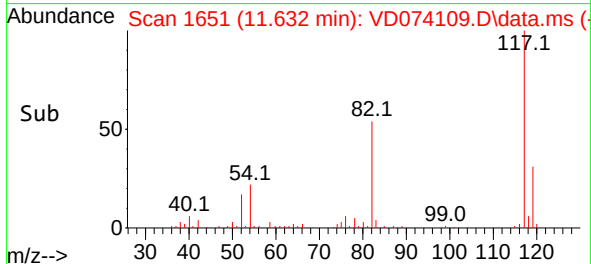
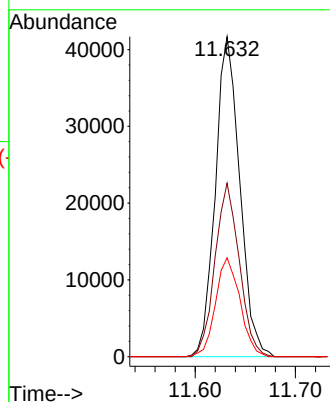
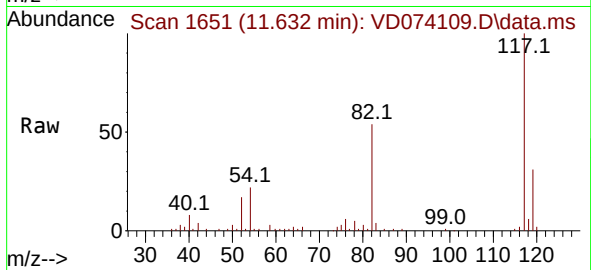




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD074109.D
Acq: 16 Aug 2022 18:50

Instrument :
MSVOA_D
ClientSampleId :
SB16

Tgt Ion:117 Resp: 70315
Ion Ratio Lower Upper
117 100
82 54.2 45.3 67.9
119 30.9 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: VD074109.D
Acq: 16 Aug 2022 18:50

Tgt Ion:152 Resp: 29609
Ion Ratio Lower Upper
152 100
115 61.3 31.3 93.8
150 162.3 0.0 348.6

