

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081922\
 Data File : VD074154.D
 Acq On : 19 Aug 2022 17:56
 Operator : VA/SY
 Sample : N4213-01
 Misc : 5.04G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VNJ-209

Quant Time: Aug 20 01:27:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081822S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 19 09:25:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.967	168	130279	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	216939	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	209510	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	101107	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	58367	61.649	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	123.300%
35) Dibromofluoromethane	7.903	113	67580	64.780	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	129.560%
50) Toluene-d8	10.332	98	143115	47.947	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	95.900%
62) 4-Bromofluorobenzene	12.620	95	83970	51.728	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	103.460%

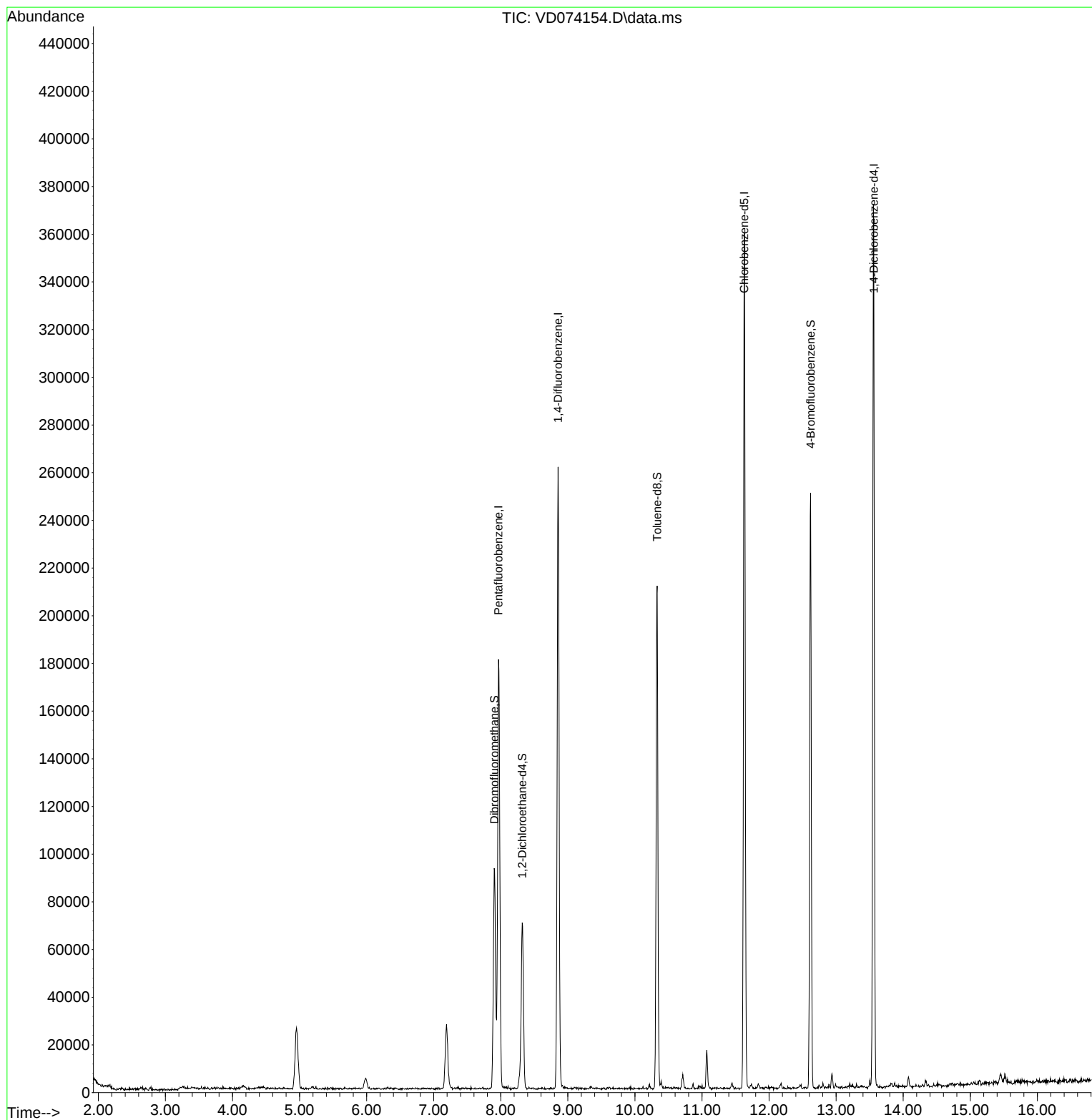
Target Compounds	Qvalue

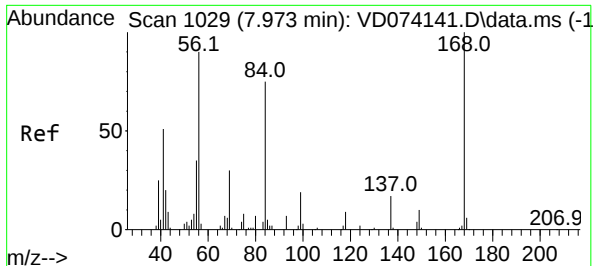
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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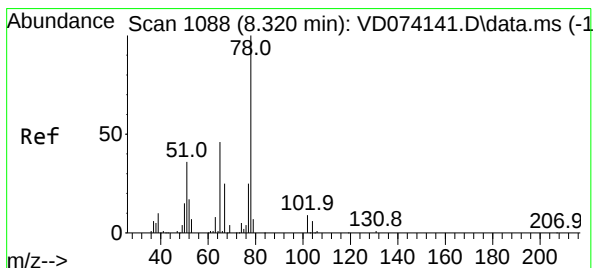
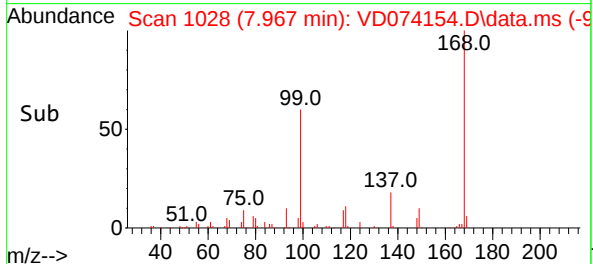
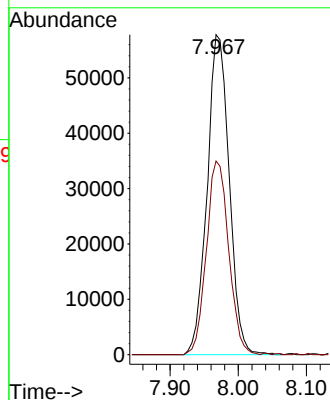
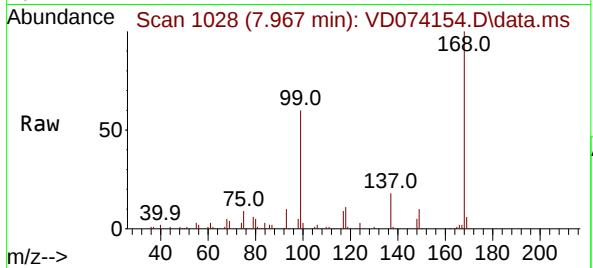




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.967 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD074154.D
Acq: 19 Aug 2022 17:56

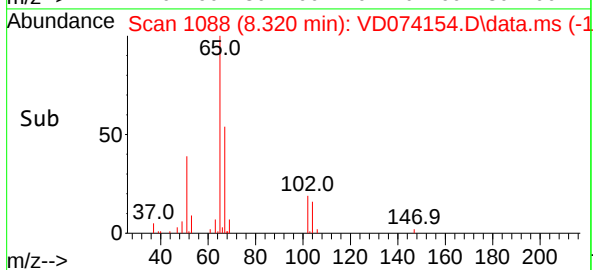
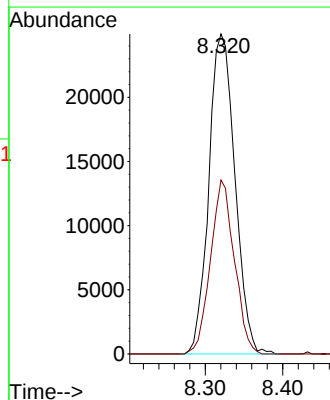
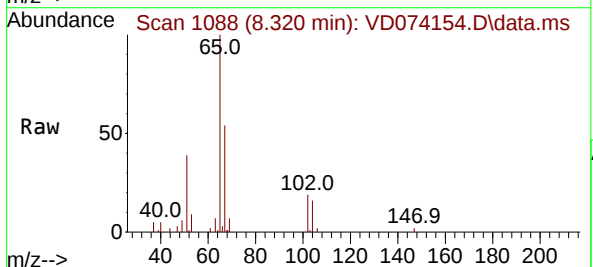
Instrument :
MSVOA_D
ClientSampleId :
VNJ-209

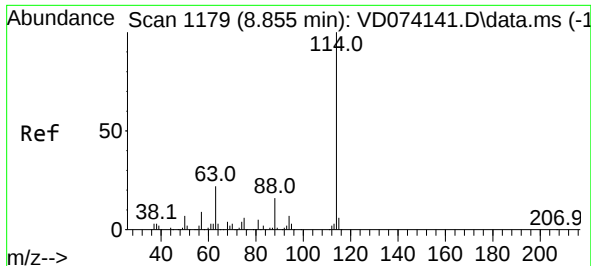
Tgt Ion:168 Resp: 130279
Ion Ratio Lower Upper
168 100
99 60.5 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 61.649 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. 0.000 min
Lab File: VD074154.D
Acq: 19 Aug 2022 17:56

Tgt Ion: 65 Resp: 58367
Ion Ratio Lower Upper
65 100
67 49.7 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: VD074154.D

Acq: 19 Aug 2022 17:56

Instrument :

MSVOA_D

ClientSampleId :

VNJ-209

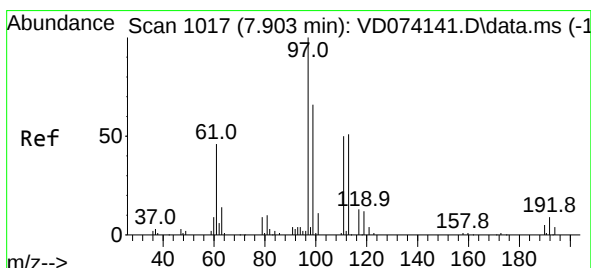
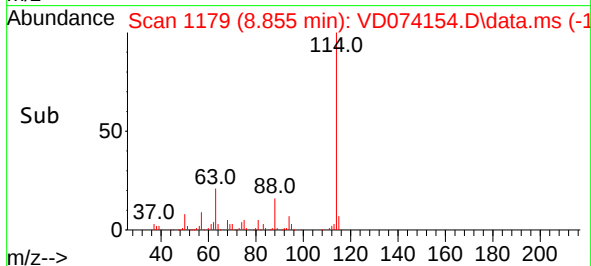
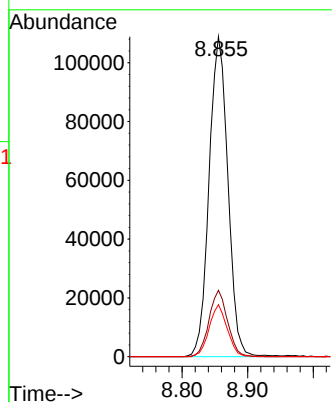
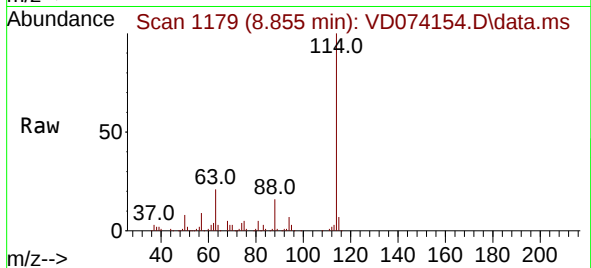
Tgt Ion:114 Resp: 216939

Ion Ratio Lower Upper

114 100

63 20.8 0.0 46.6

88 16.3 0.0 33.2



#35

Dibromofluoromethane

Concen: 64.780 ug/l

RT: 7.903 min Scan# 1017

Delta R.T. -0.000 min

Lab File: VD074154.D

Acq: 19 Aug 2022 17:56

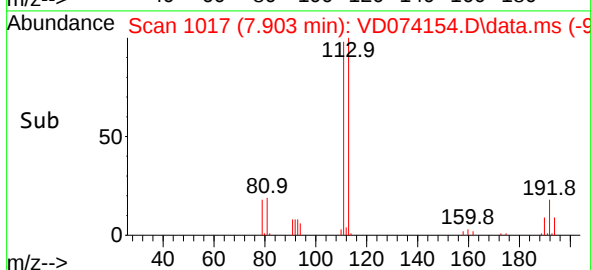
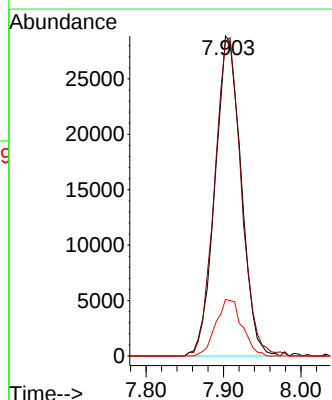
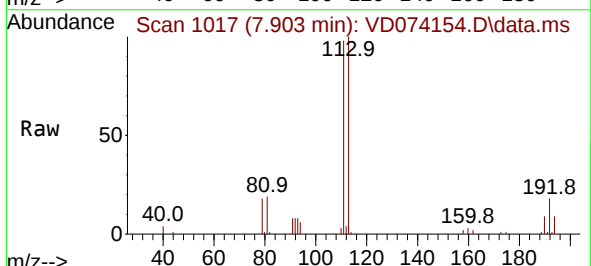
Tgt Ion:113 Resp: 67580

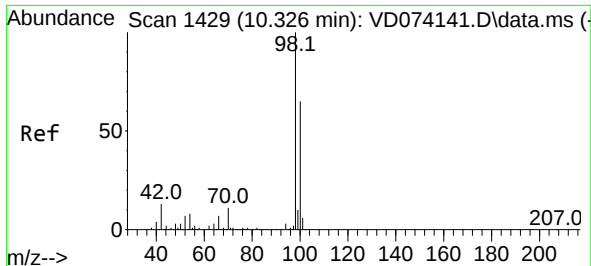
Ion Ratio Lower Upper

113 100

111 101.7 83.8 125.6

192 17.7 14.6 21.8

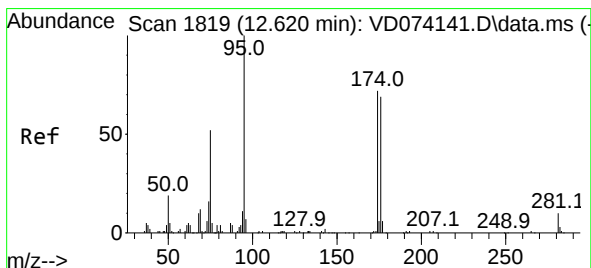
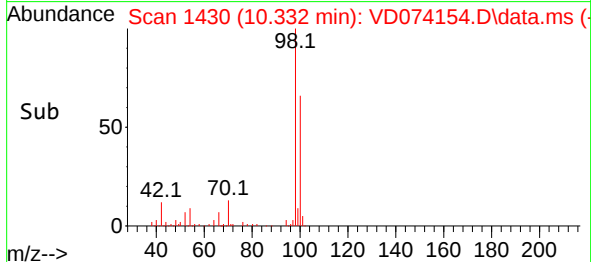
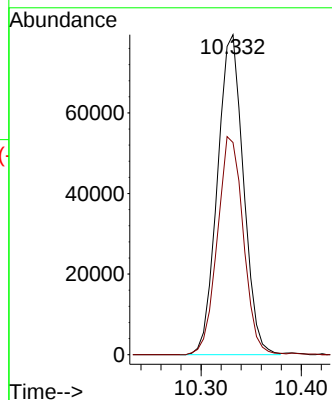
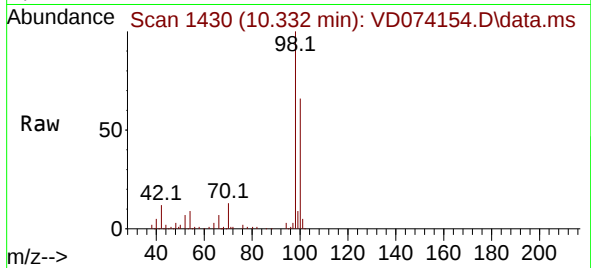




#50
Toluene-d8
Concen: 47.947 ug/l
RT: 10.332 min Scan# 1429
Delta R.T. 0.006 min
Lab File: VD074154.D
Acq: 19 Aug 2022 17:56

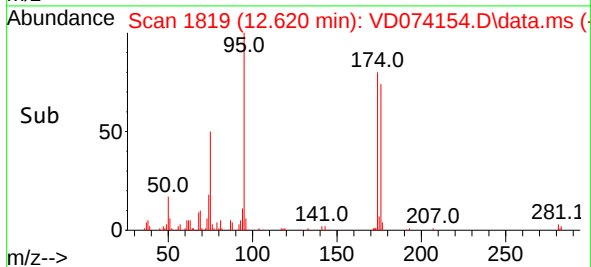
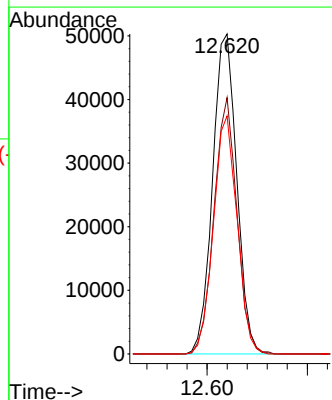
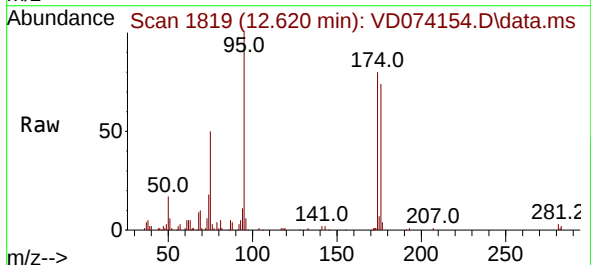
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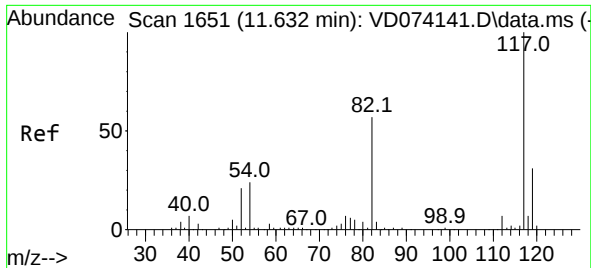
Tgt Ion: 98 Resp: 143115
Ion Ratio Lower Upper
98 100
100 68.0 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 51.728 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD074154.D
Acq: 19 Aug 2022 17:56

Tgt Ion: 95 Resp: 83970
Ion Ratio Lower Upper
95 100
174 76.3 0.0 152.8
176 73.0 0.0 145.4

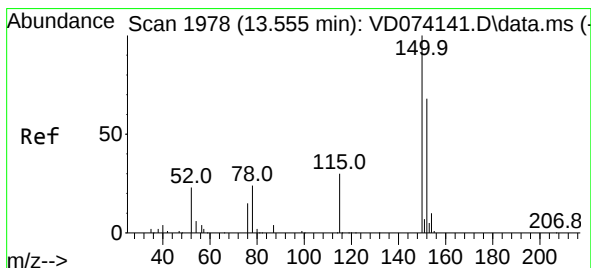
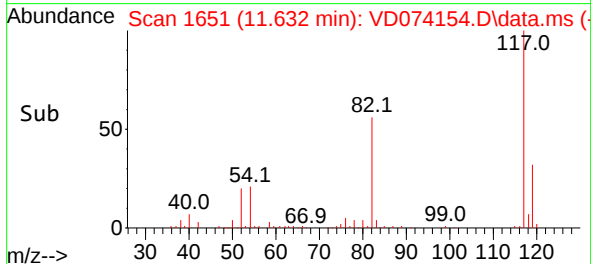
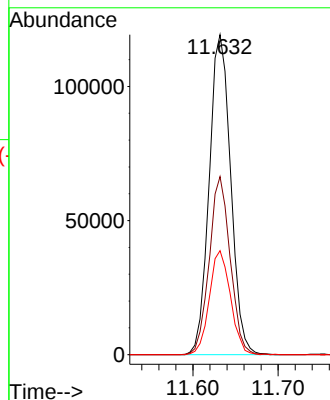
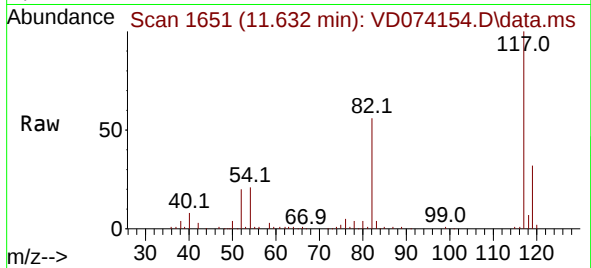




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VD074154.D
Acq: 19 Aug 2022 17:56

Instrument :
MSVOA_D
ClientSampleId :
VNJ-209

Tgt Ion:117 Resp: 209510
Ion Ratio Lower Upper
117 100
82 55.6 45.3 67.9
119 32.5 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.006 min
Lab File: VD074154.D
Acq: 19 Aug 2022 17:56

Tgt Ion:152 Resp: 101107
Ion Ratio Lower Upper
152 100
115 60.0 31.3 93.8
150 155.6 0.0 348.6

