

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102022\
 Data File : VD074599.D
 Acq On : 20 Oct 2022 15:56
 Operator : VA/SY
 Sample : N5207-02
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VNJ-221

Quant Time: Oct 21 03:08:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101922S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 20 06:41:20 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	81999	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	140903	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.580	117	119438	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	50647	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	42458	67.819	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	135.640%
35) Dibromofluoromethane	7.804	113	52038	67.034	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	134.060%
50) Toluene-d8	10.269	98	173763	61.614	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	123.220%
62) 4-Bromofluorobenzene	12.575	95	46788	57.978	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	115.960%

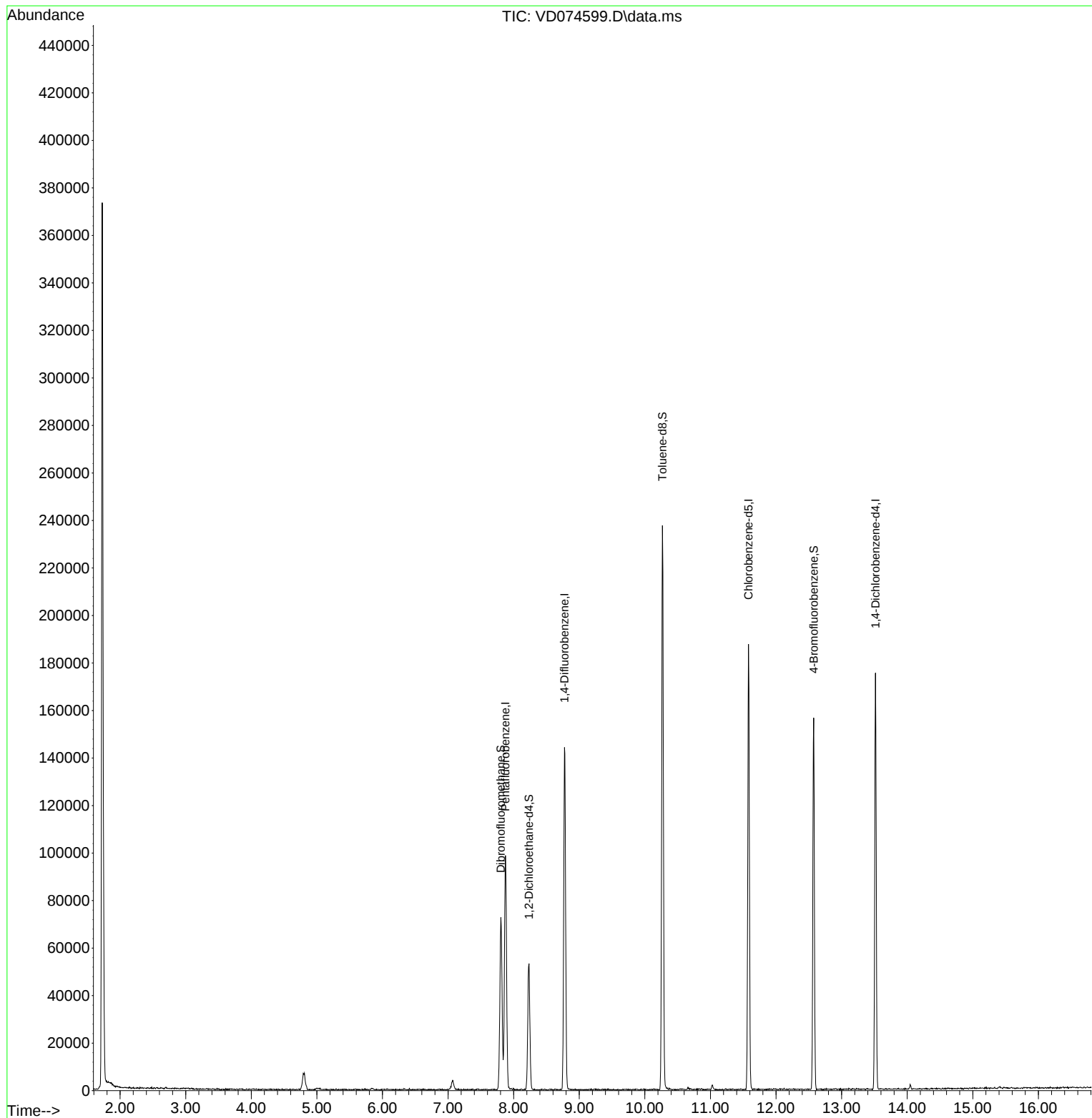
Target Compounds	Qvalue

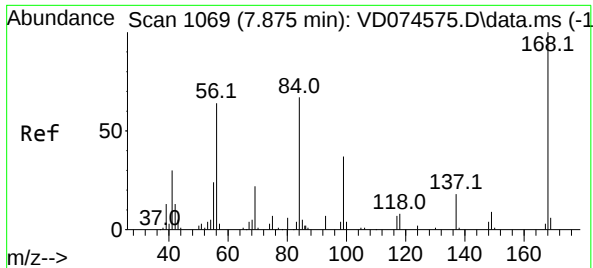
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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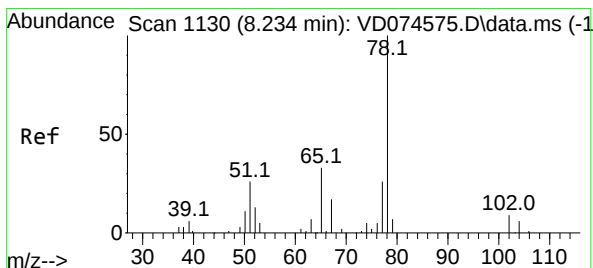
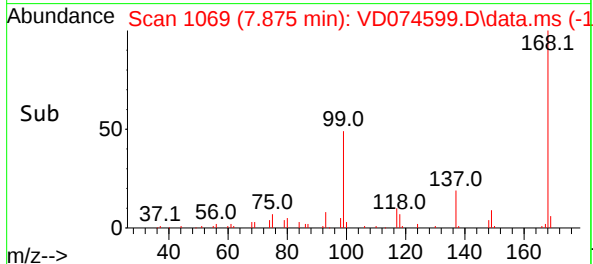
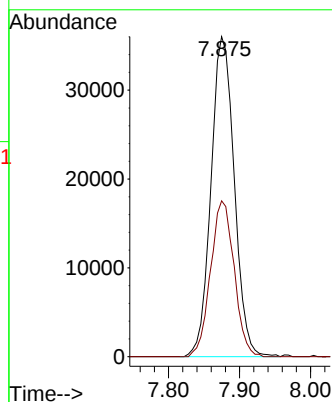
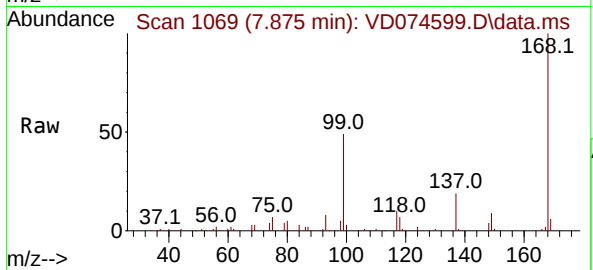




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD074599.D
Acq: 20 Oct 2022 15:56

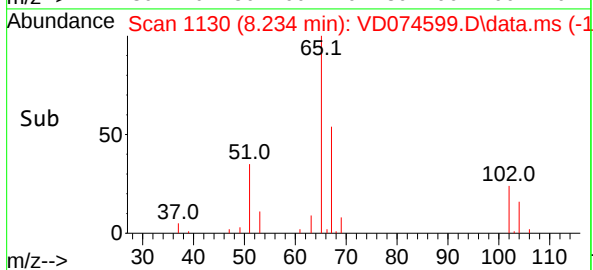
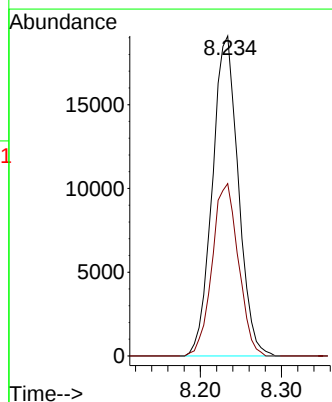
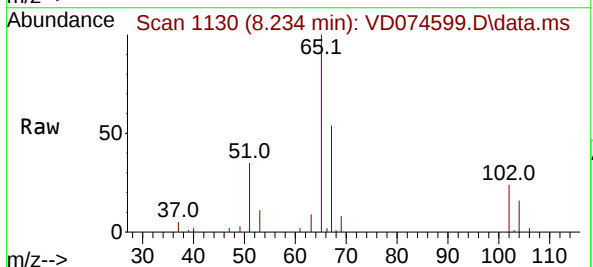
Instrument :
MSVOA_D
ClientSampleId :
VNJ-221

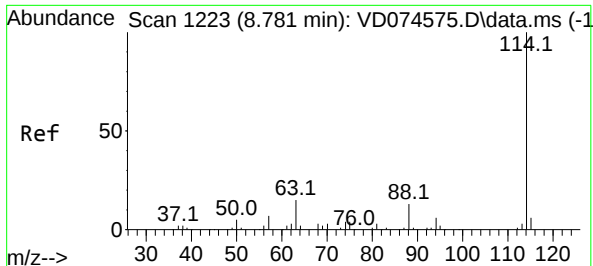
Tgt Ion:168 Resp: 81999
Ion Ratio Lower Upper
168 100
99 48.7 40.9 61.3



#33
1,2-Dichloroethane-d4
Concen: 67.819 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD074599.D
Acq: 20 Oct 2022 15:56

Tgt Ion: 65 Resp: 42458
Ion Ratio Lower Upper
65 100
67 54.4 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD074599.D

Acq: 20 Oct 2022 15:56

Instrument :

MSVOA_D

ClientSampleId :

VNJ-221

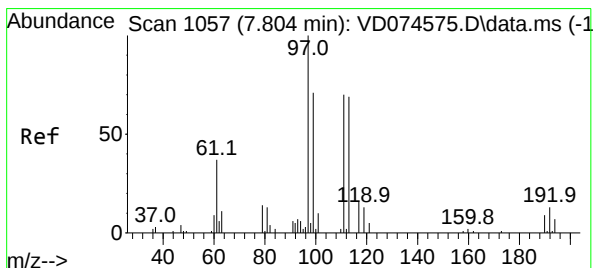
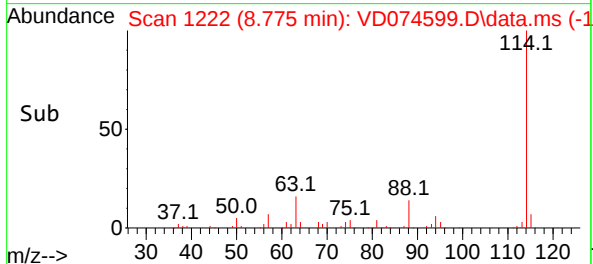
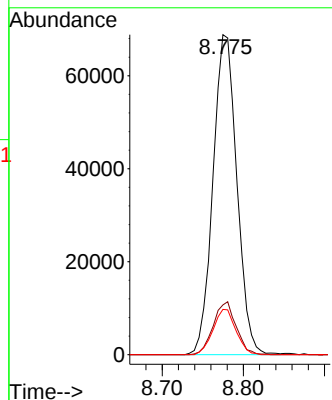
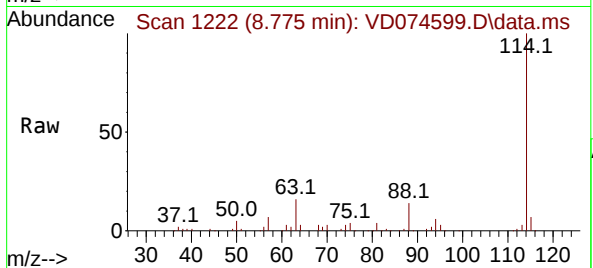
Tgt Ion:114 Resp: 140903

Ion Ratio Lower Upper

114 100

63 15.6 0.0 33.2

88 14.2 0.0 28.2



#35

Dibromofluoromethane

Concen: 67.034 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD074599.D

Acq: 20 Oct 2022 15:56

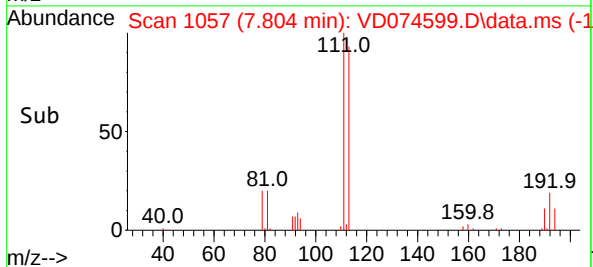
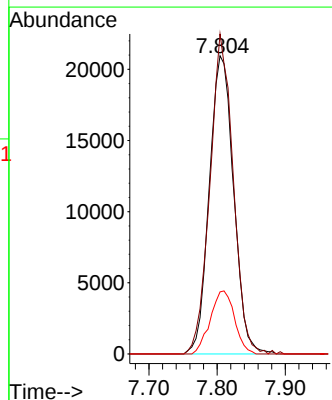
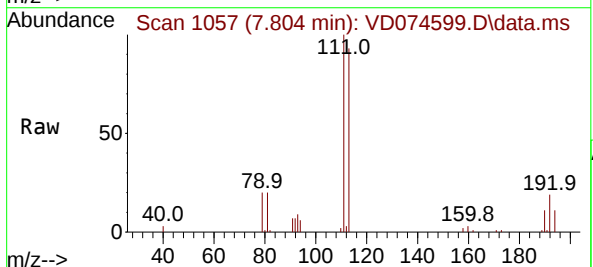
Tgt Ion:113 Resp: 52038

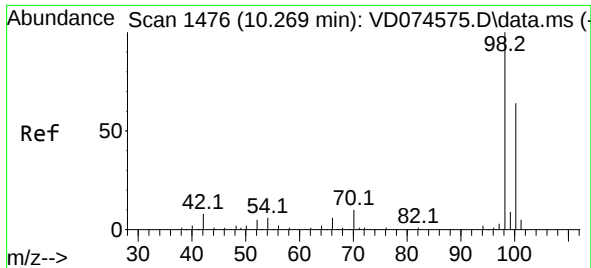
Ion Ratio Lower Upper

113 100

111 102.3 82.3 123.5

192 21.1 16.4 24.6

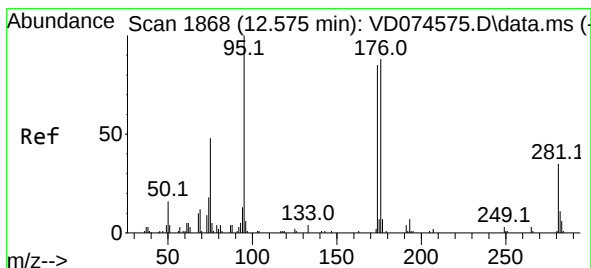
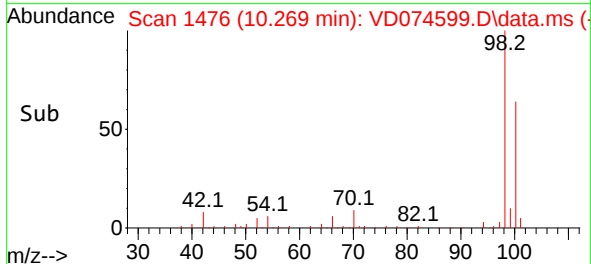
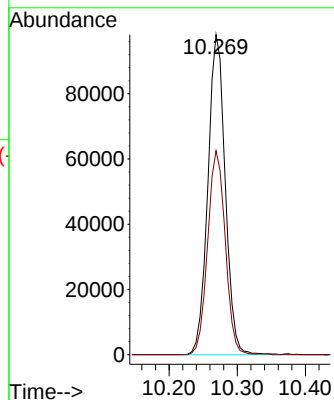
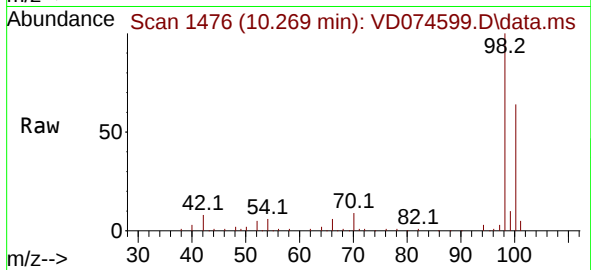




#50
Toluene-d8
Concen: 61.614 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD074599.D
Acq: 20 Oct 2022 15:56

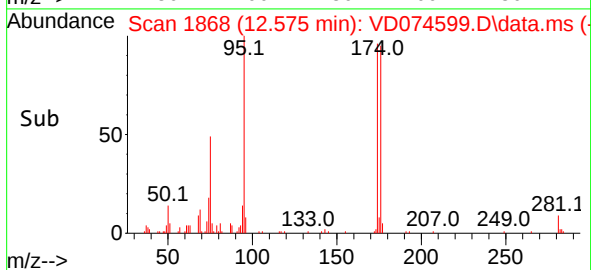
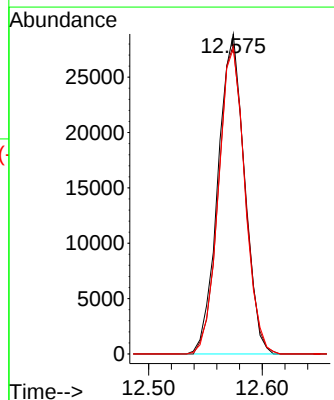
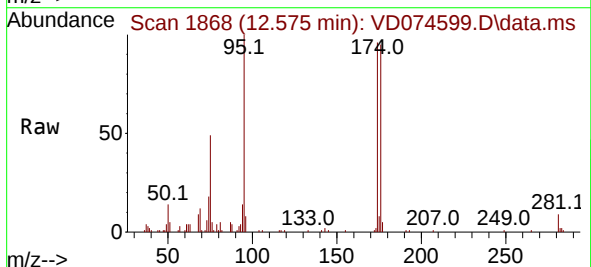
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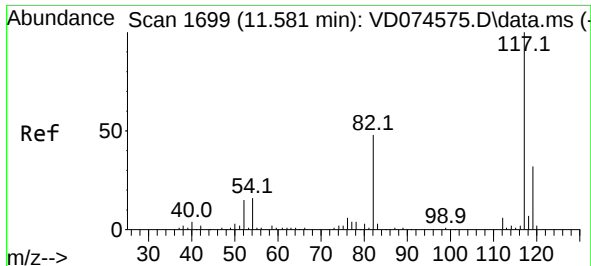
Tgt Ion: 98 Resp: 173763
Ion Ratio Lower Upper
98 100
100 64.5 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 57.978 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD074599.D
Acq: 20 Oct 2022 15:56

Tgt Ion: 95 Resp: 46788
Ion Ratio Lower Upper
95 100
174 96.1 0.0 197.0
176 95.2 0.0 182.6

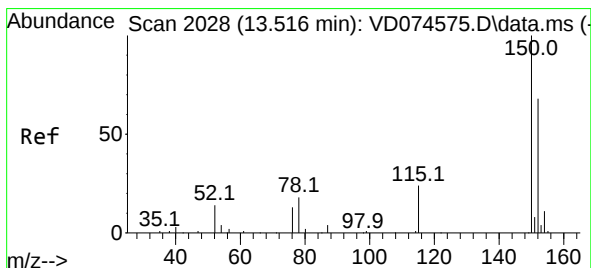
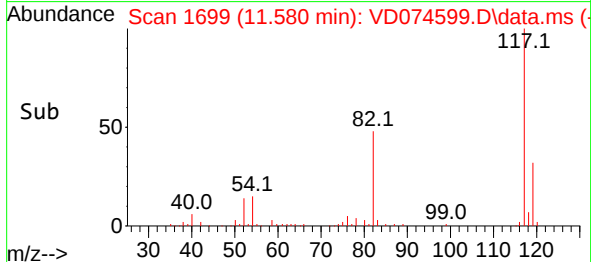
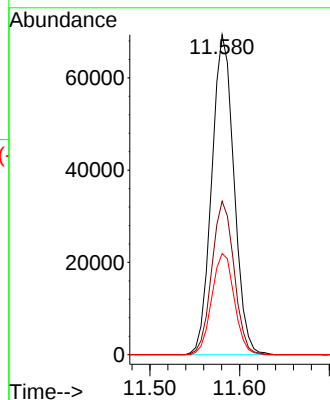
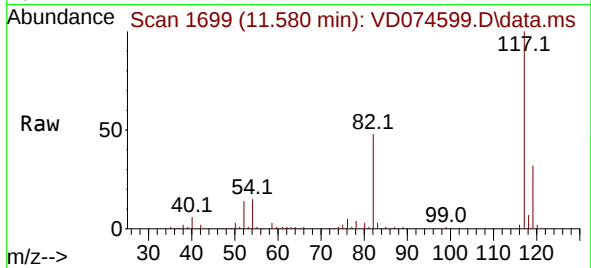




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.580 min Scan# 11
Delta R.T. -0.001 min
Lab File: VD074599.D
Acq: 20 Oct 2022 15:56

Instrument :
MSVOA_D
ClientSampleId :
VNJ-221

Tgt Ion:117 Resp: 119438
Ion Ratio Lower Upper
117 100
82 47.9 41.6 62.4
119 31.6 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.006 min
Lab File: VD074599.D
Acq: 20 Oct 2022 15:56

Tgt Ion:152 Resp: 50647
Ion Ratio Lower Upper
152 100
115 53.2 26.8 80.4
150 156.3 0.0 348.2

