

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012524\
 Data File : VD078244.D
 Acq On : 25 Jan 2024 14:07
 Operator : RP/MD
 Sample : P1240-04
 Misc : 5.03G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VNJ-232

Quant Time: Jan 26 14:39:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 23 05:43:07 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	98934	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	208285	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	215099	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	94840	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	60703	53.747	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	107.500%
35) Dibromofluoromethane	7.804	113	66586	48.575	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.140%
50) Toluene-d8	10.269	98	263848	48.610	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.220%
62) 4-Bromofluorobenzene	12.569	95	83316	52.930	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	105.860%

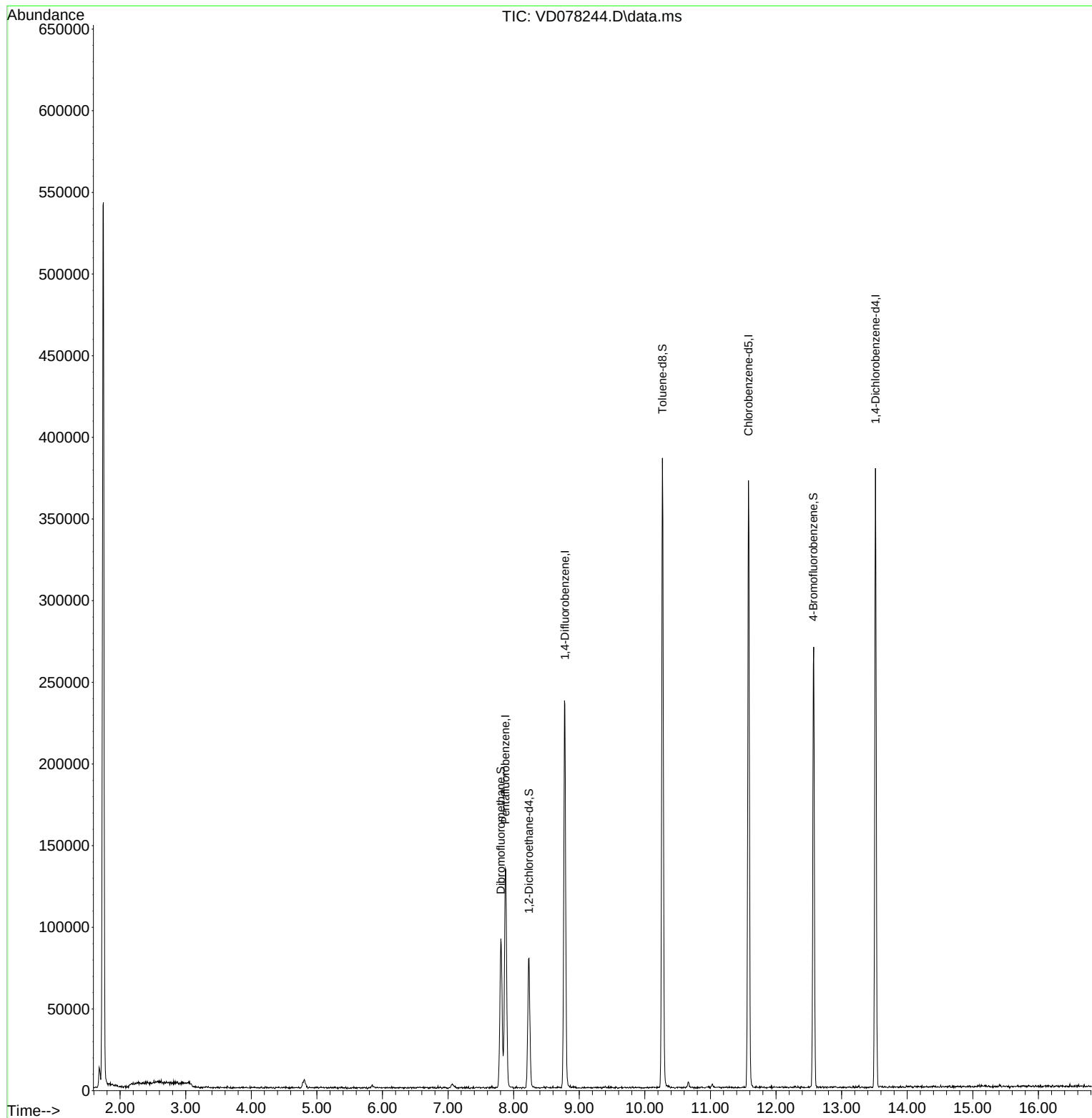
Target Compounds	Qvalue

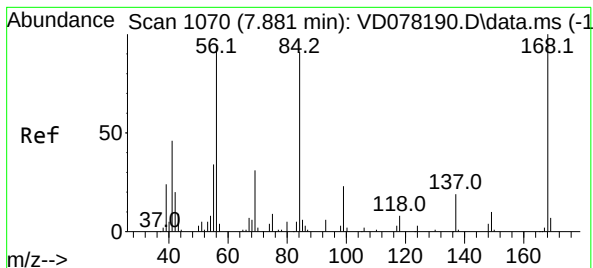
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.006 min

Lab File: VD078244.D

Acq: 25 Jan 2024 14:07

Instrument :

MSVOA_D

ClientSampleId :

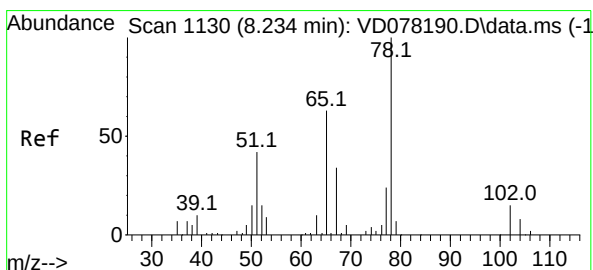
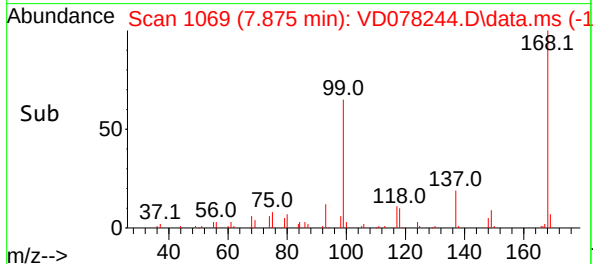
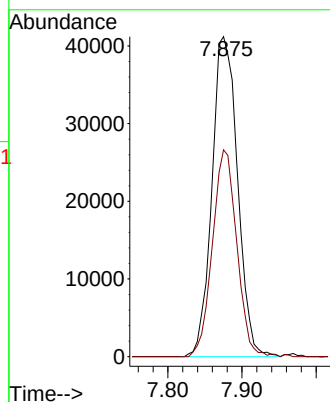
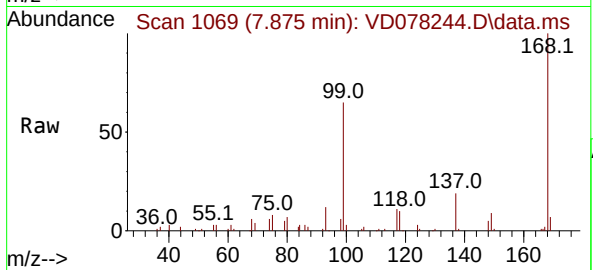
VNJ-232

Tgt Ion:168 Resp: 98934

Ion Ratio Lower Upper

168 100

99 64.7 36.7 55.1#



#33

1,2-Dichloroethane-d4

Concen: 53.747 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VD078244.D

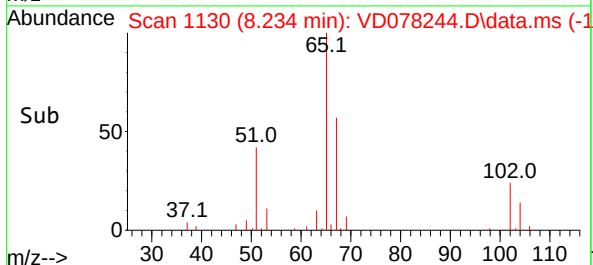
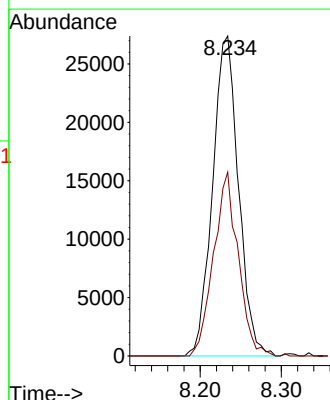
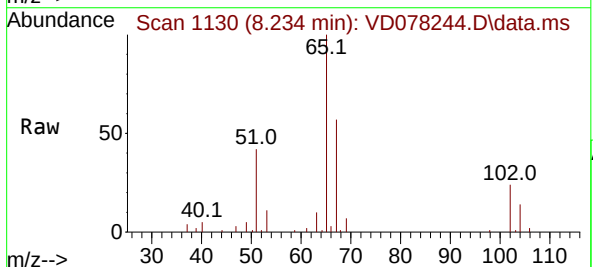
Acq: 25 Jan 2024 14:07

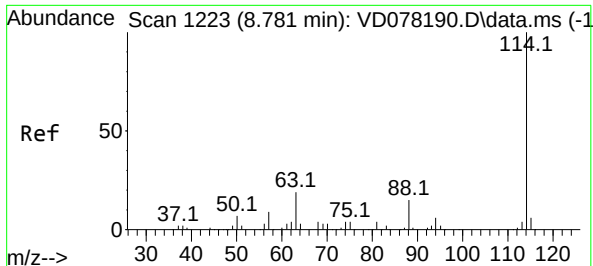
Tgt Ion: 65 Resp: 60703

Ion Ratio Lower Upper

65 100

67 54.7 0.0 115.0

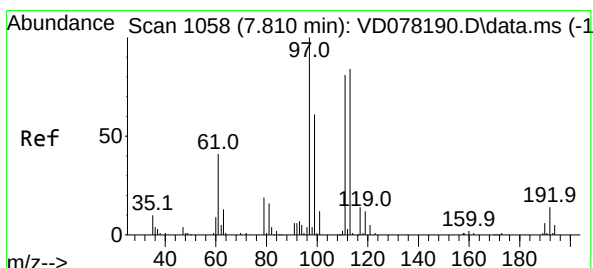
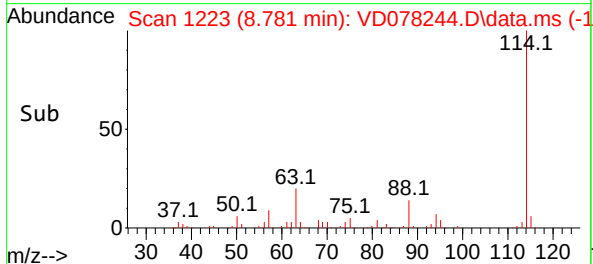
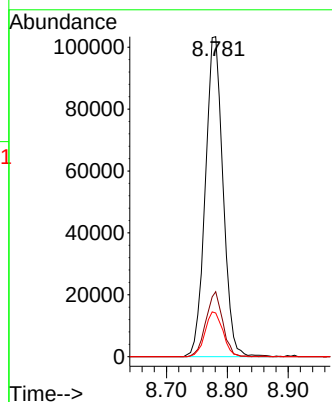
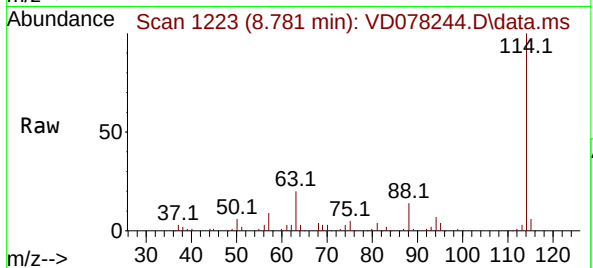




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD078244.D
Acq: 25 Jan 2024 14:07

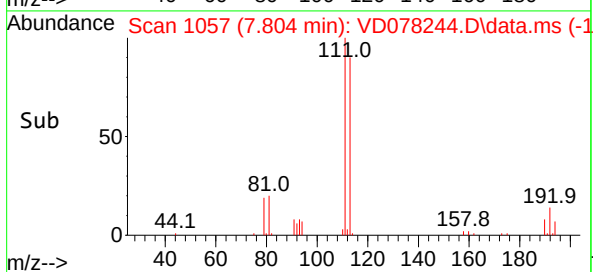
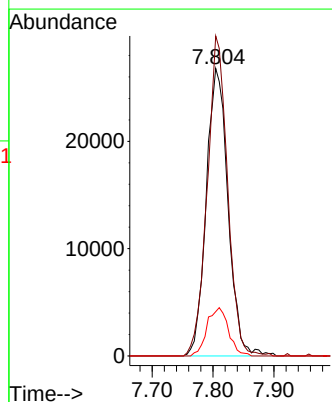
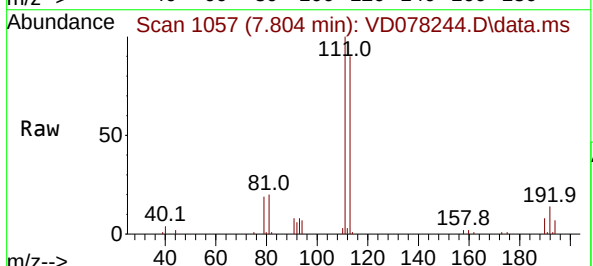
Instrument :
MSVOA_D
ClientSampleId :
VNJ-232

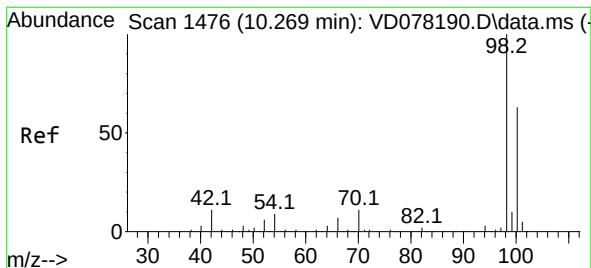
Tgt Ion:114 Resp: 208285
Ion Ratio Lower Upper
114 100
63 20.3 0.0 33.4
88 13.7 0.0 26.2



#35
Dibromofluoromethane
Concen: 48.575 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VD078244.D
Acq: 25 Jan 2024 14:07

Tgt Ion:113 Resp: 66586
Ion Ratio Lower Upper
113 100
111 104.3 84.7 127.1
192 16.5 16.8 25.2#





#50

Toluene-d8

Concen: 48.610 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD078244.D

Acq: 25 Jan 2024 14:07

Instrument :

MSVOA_D

ClientSampleId :

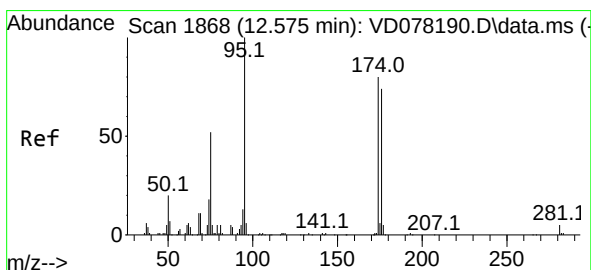
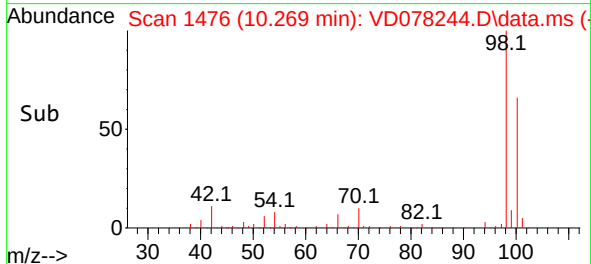
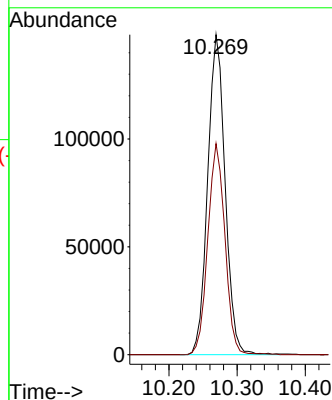
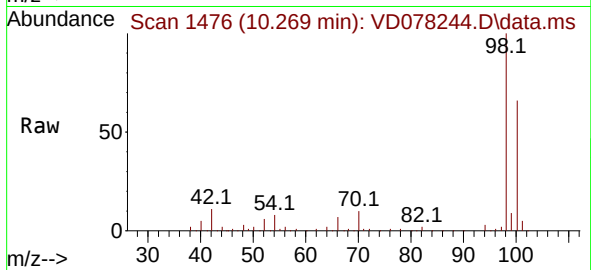
VNJ-232

Tgt Ion: 98 Resp: 263848

Ion Ratio Lower Upper

98 100

100 64.8 50.3 75.5



#62

4-Bromofluorobenzene

Concen: 52.930 ug/l

RT: 12.569 min Scan# 1867

Delta R.T. -0.006 min

Lab File: VD078244.D

Acq: 25 Jan 2024 14:07

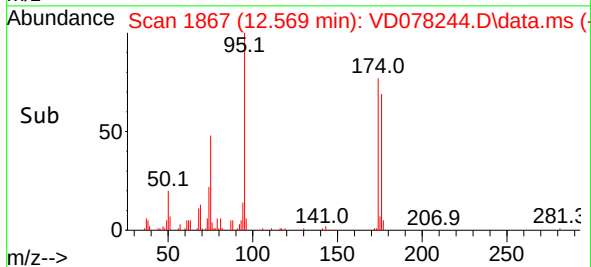
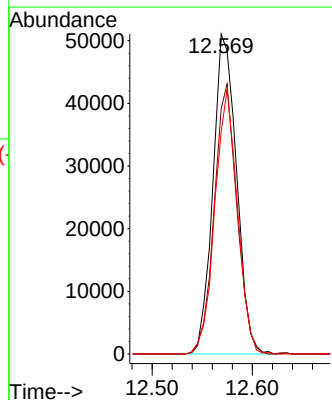
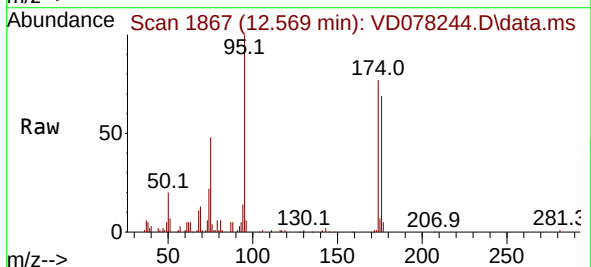
Tgt Ion: 95 Resp: 83316

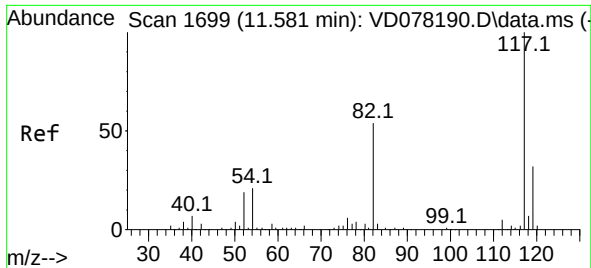
Ion Ratio Lower Upper

95 100

174 81.6 0.0 201.8

176 79.4 0.0 191.8

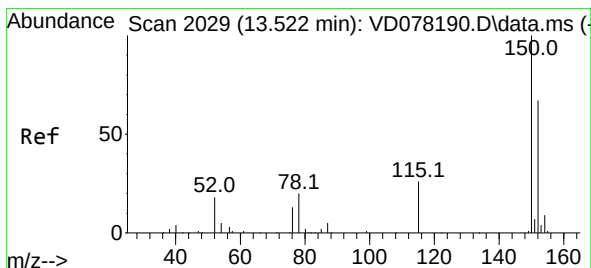
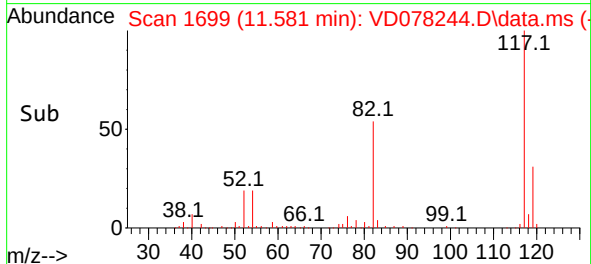
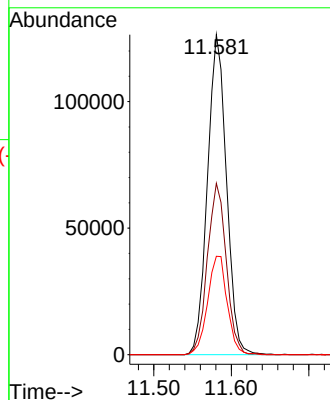
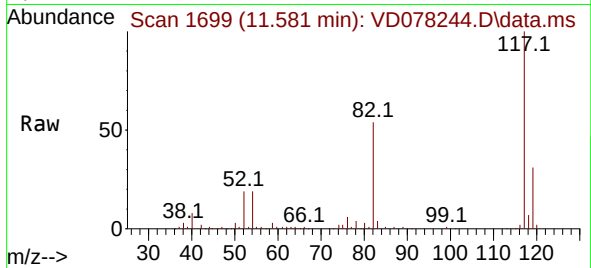




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD078244.D
Acq: 25 Jan 2024 14:07

Instrument :
MSVOA_D
ClientSampleId :
VNJ-232

Tgt Ion:117 Resp: 215099
Ion Ratio Lower Upper
117 100
82 53.5 38.3 57.5
119 30.7 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD078244.D
Acq: 25 Jan 2024 14:07

Tgt Ion:152 Resp: 94840
Ion Ratio Lower Upper
152 100
115 59.5 27.1 81.3
150 154.1 0.0 353.6

