

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092823\
 Data File : VD077240.D
 Acq On : 28 Sep 2023 20:08
 Operator : JC/SY
 Sample : 04672-01
 Misc : 5.05G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VNJ-208

Quant Time: Sep 29 02:22:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D091823S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 19 04:46:37 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	8364	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	17554	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	23160	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	10730	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	5810	68.830	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	137.660%
35) Dibromofluoromethane	7.798	113	6736	55.245	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.500%
50) Toluene-d8	10.269	98	22722	52.355	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	104.720%
62) 4-Bromofluorobenzene	12.569	95	10360	77.018	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	154.040%#

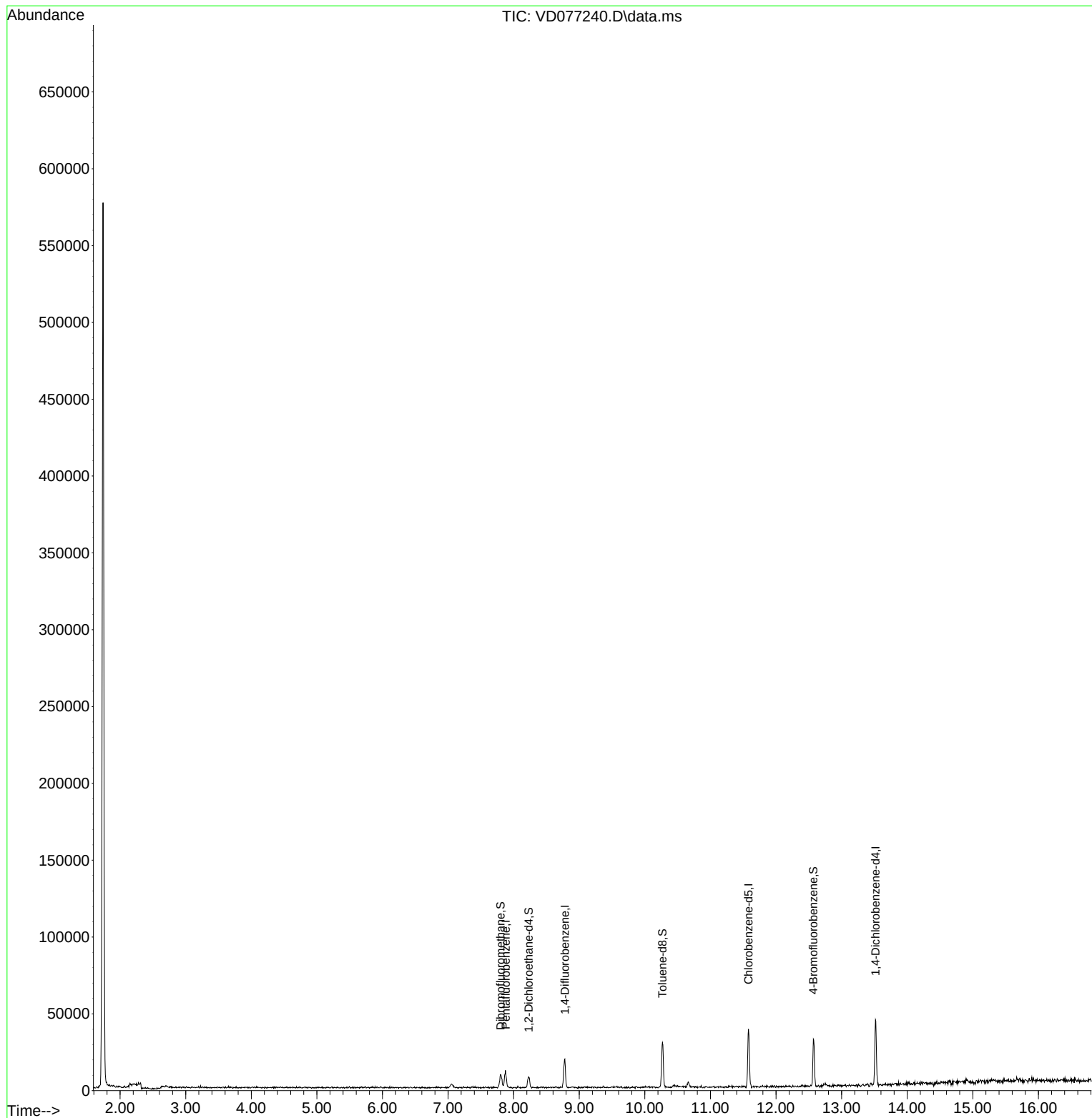
Target Compounds	Qvalue

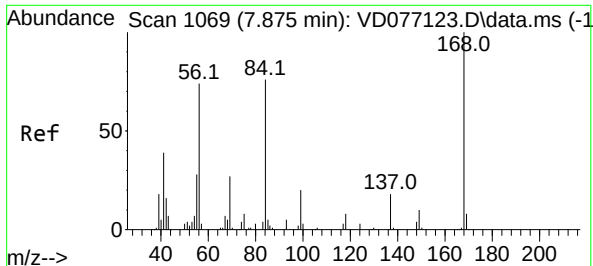
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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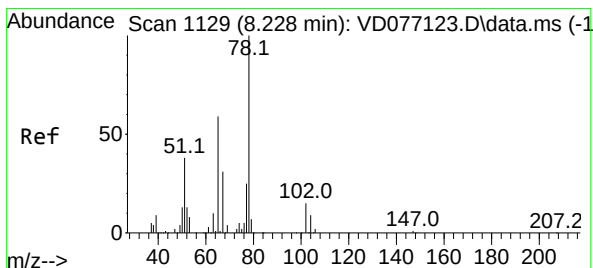
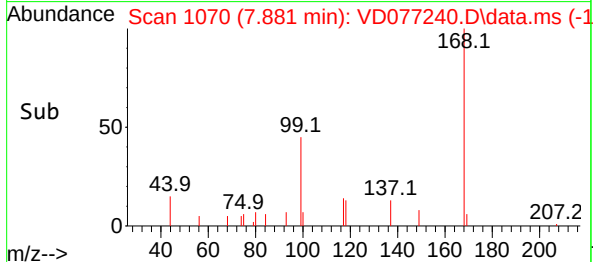
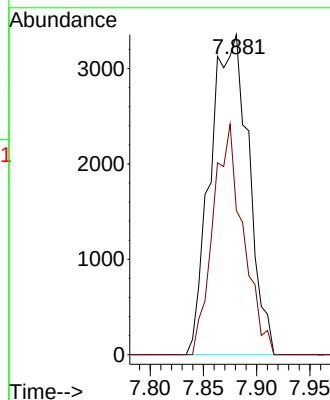
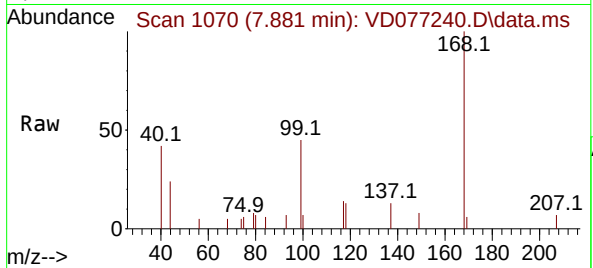




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD077240.D
Acq: 28 Sep 2023 20:08

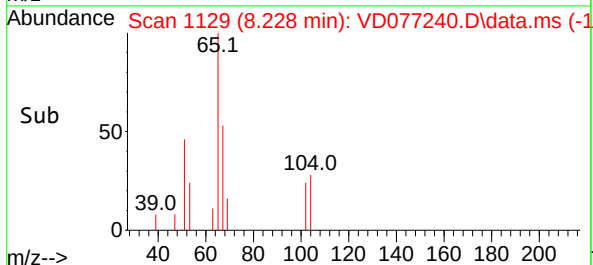
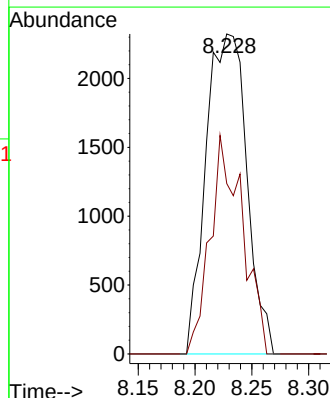
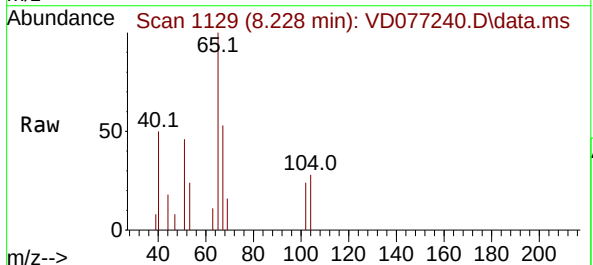
Instrument :
MSVOA_D
ClientSampleId :
VNJ-208

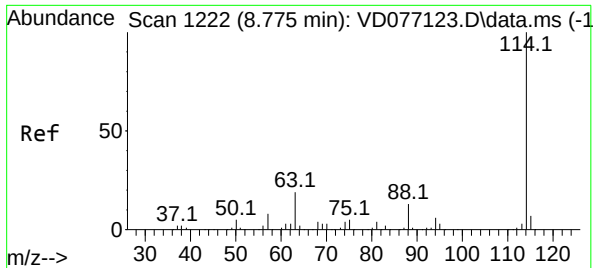
Tgt Ion:168 Resp: 8364
Ion Ratio Lower Upper
168 100
99 45.1 36.7 55.1



#33
1,2-Dichloroethane-d4
Concen: 68.830 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD077240.D
Acq: 28 Sep 2023 20:08

Tgt Ion: 65 Resp: 5810
Ion Ratio Lower Upper
65 100
67 54.0 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD077240.D

Acq: 28 Sep 2023 20:08

Instrument :

MSVOA_D

ClientSampleId :

VNJ-208

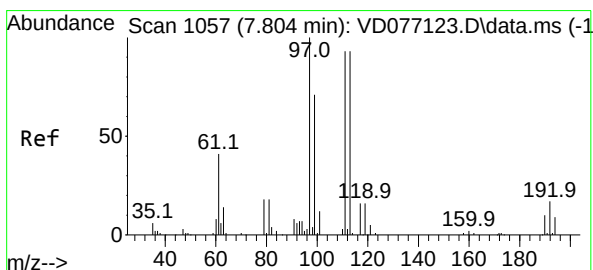
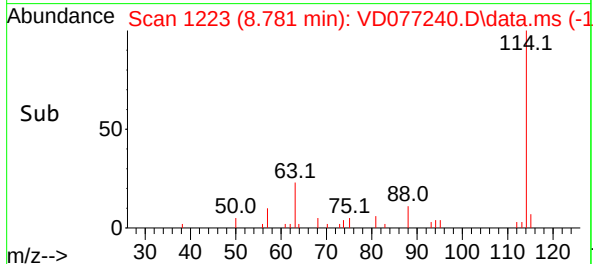
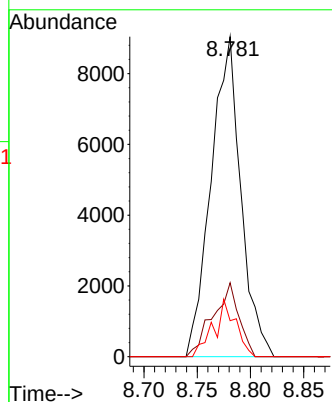
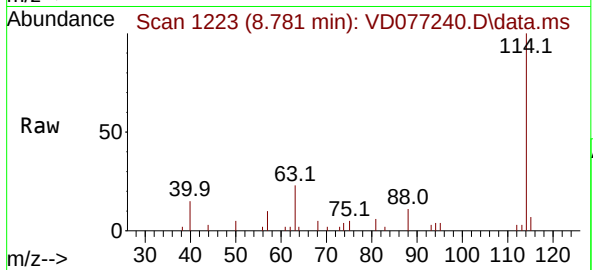
Tgt Ion:114 Resp: 17554

Ion Ratio Lower Upper

114 100

63 23.1 0.0 33.4

88 11.2 0.0 26.2



#35

Dibromofluoromethane

Concen: 55.245 ug/l

RT: 7.798 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VD077240.D

Acq: 28 Sep 2023 20:08

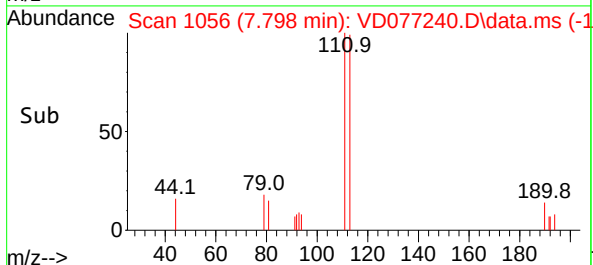
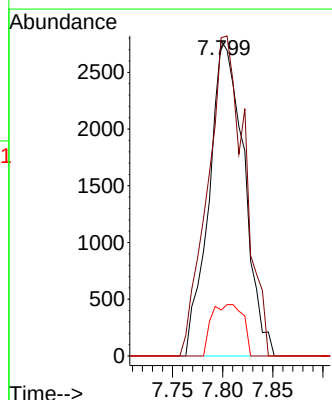
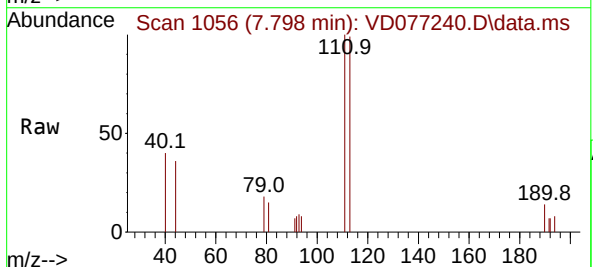
Tgt Ion:113 Resp: 6736

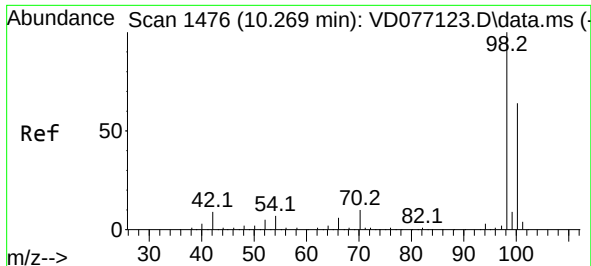
Ion Ratio Lower Upper

113 100

111 108.4 84.7 127.1

192 14.7 16.8 25.2#

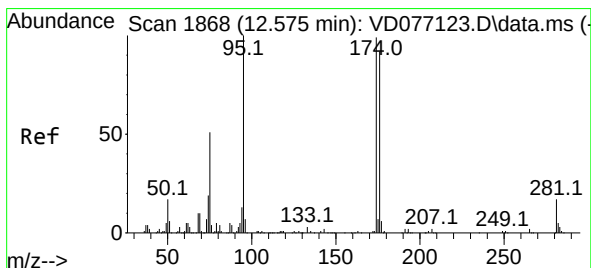
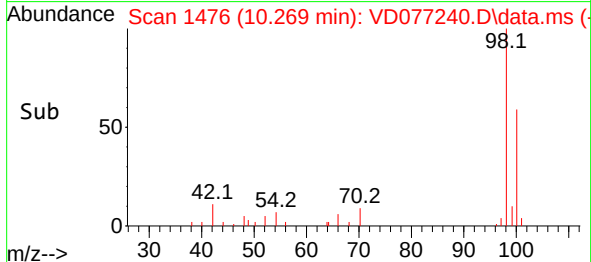
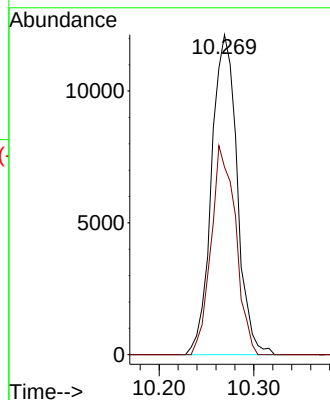
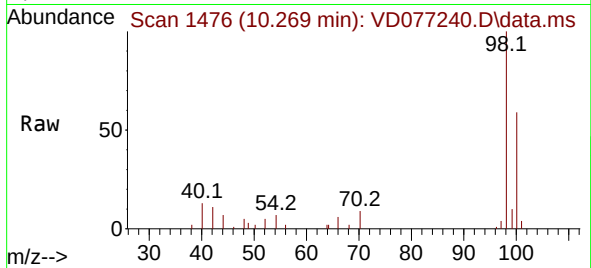




#50
Toluene-d8
Concen: 52.355 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD077240.D
Acq: 28 Sep 2023 20:08

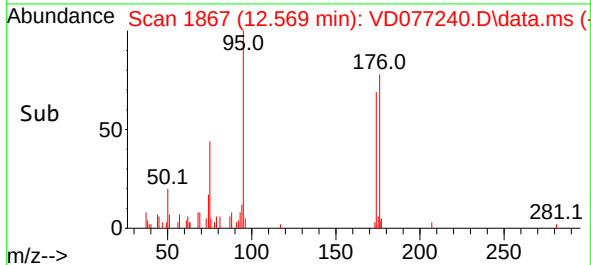
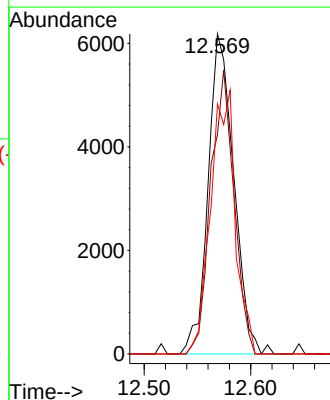
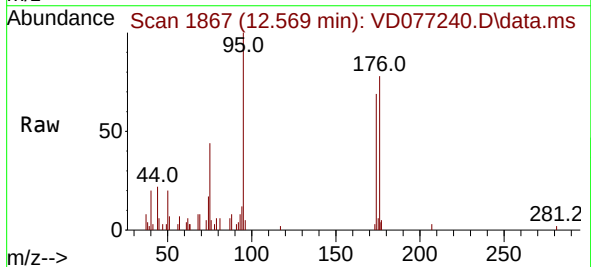
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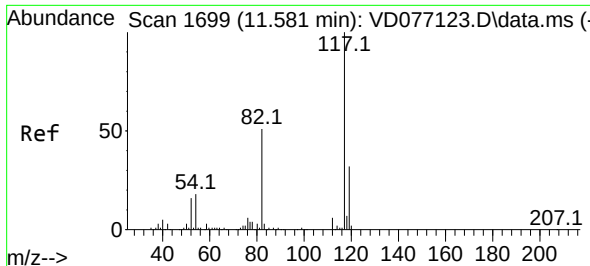
Tgt Ion: 98 Resp: 22722
Ion Ratio Lower Upper
98 100
100 62.6 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 77.018 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VD077240.D
Acq: 28 Sep 2023 20:08

Tgt Ion: 95 Resp: 10360
Ion Ratio Lower Upper
95 100
174 80.3 0.0 201.8
176 79.7 0.0 191.8

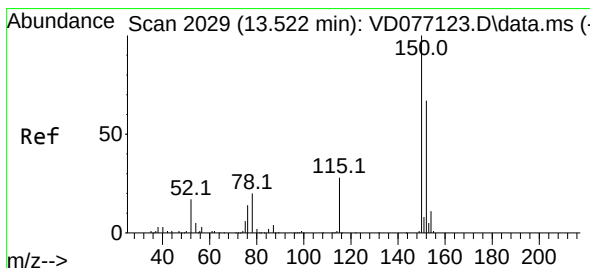
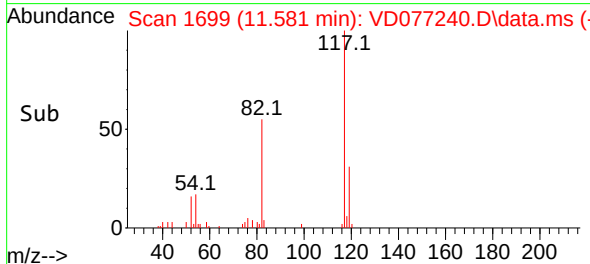
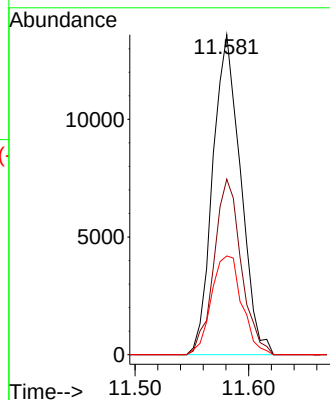
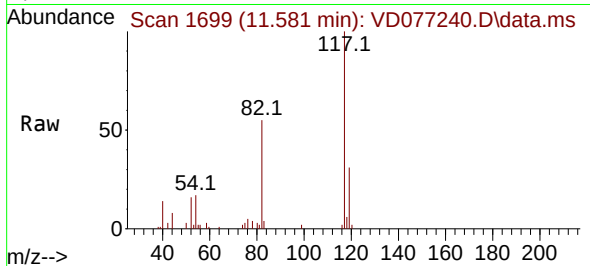




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD077240.D
Acq: 28 Sep 2023 20:08

Instrument :
MSVOA_D
ClientSampleId :
VNJ-208

Tgt Ion:117 Resp: 23160
Ion Ratio Lower Upper
117 100
82 54.8 38.3 57.5
119 30.8 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: VD077240.D
Acq: 28 Sep 2023 20:08

Tgt Ion:152 Resp: 10730
Ion Ratio Lower Upper
152 100
115 65.4 27.1 81.3
150 175.4 0.0 353.6

