

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD073123\
 Data File : VD076876.D
 Acq On : 31 Jul 2023 15:59
 Operator : KP/SY
 Sample : 03833-01
 Misc : 5.08G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 82ND-1

Quant Time: Aug 01 02:11:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 17 08:07:52 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	187376	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	357634	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	337895	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	141170	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	93672	50.191	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	100.380%
35) Dibromofluoromethane	7.805	113	115049	51.192	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.380%
50) Toluene-d8	10.269	98	437551	54.423	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	108.840%
62) 4-Bromofluorobenzene	12.569	95	126083	48.477	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	96.960%

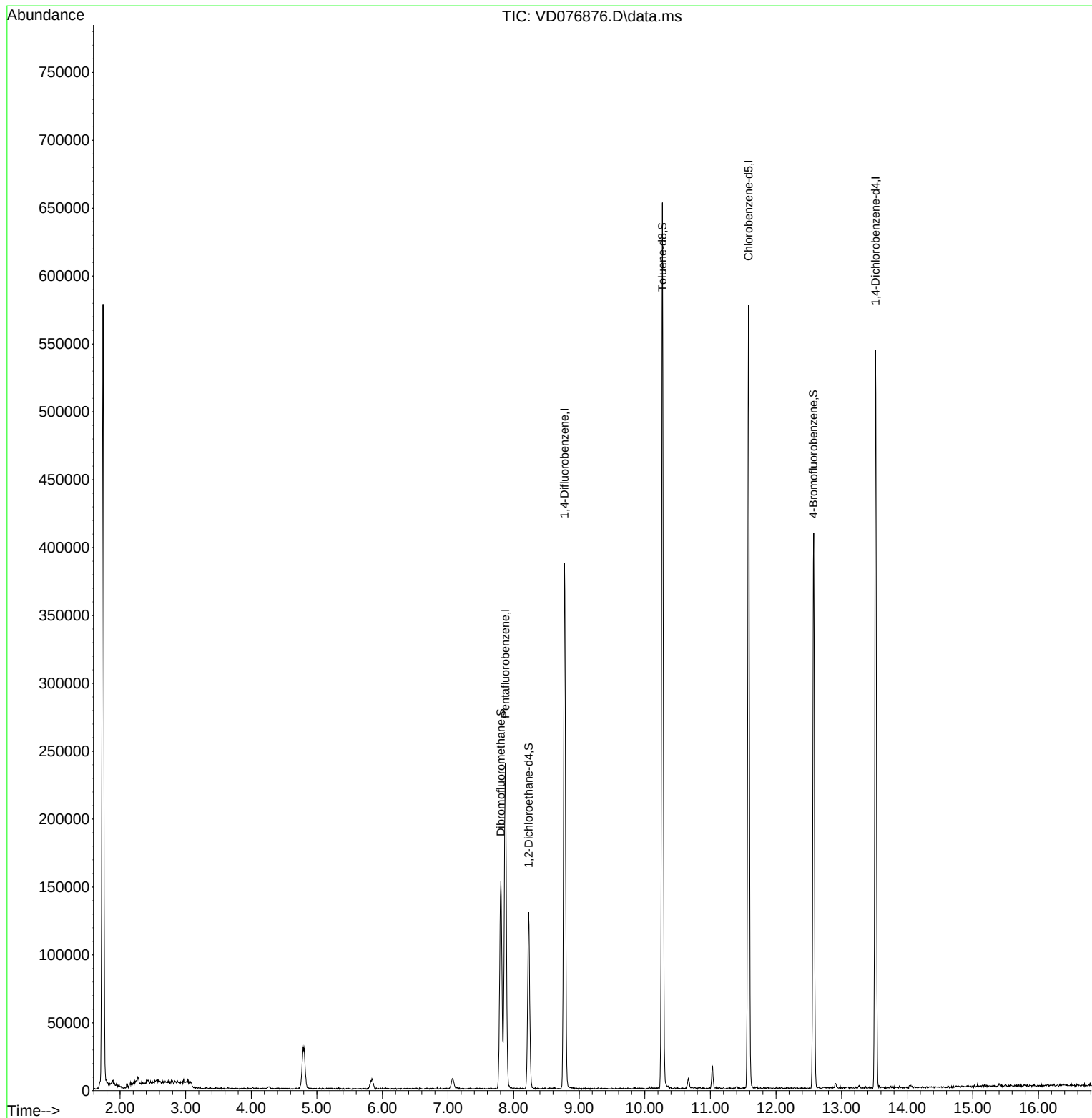
Target Compounds	Qvalue

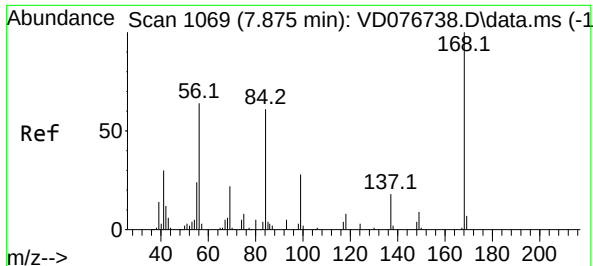
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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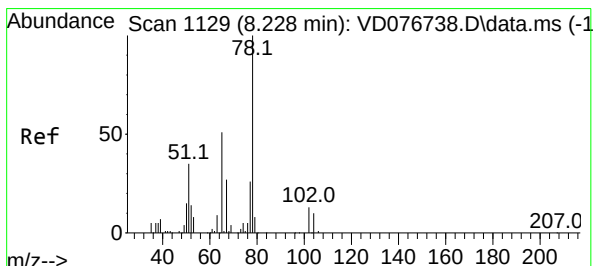
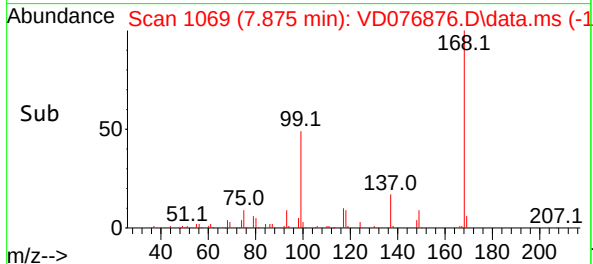
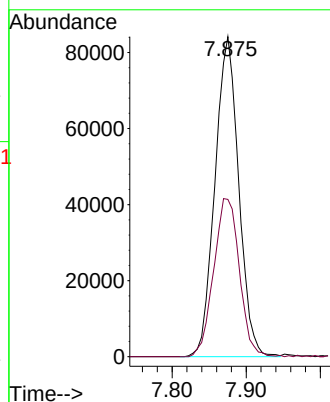
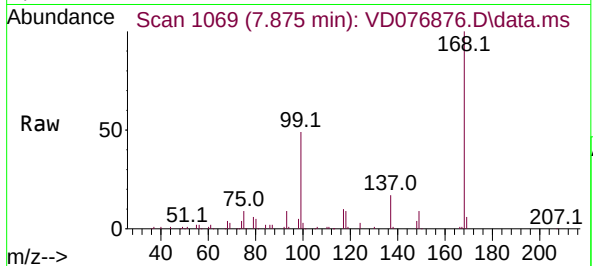




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076876.D
Acq: 31 Jul 2023 15:59

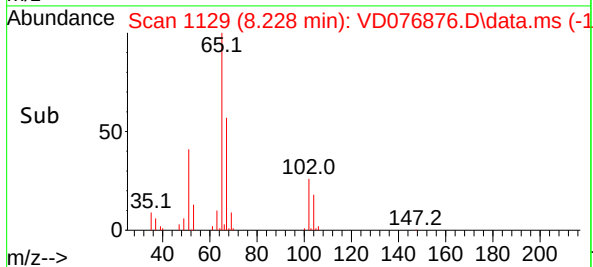
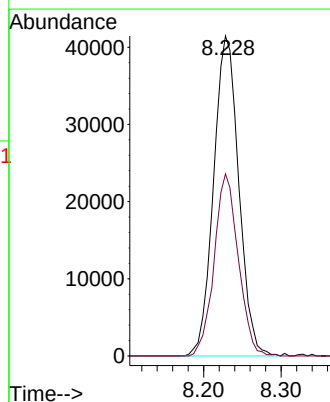
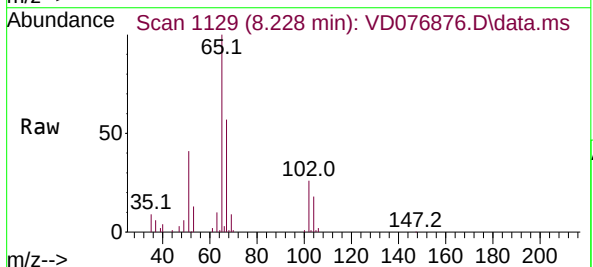
Instrument :
MSVOA_D
ClientSampleId :
82ND-1

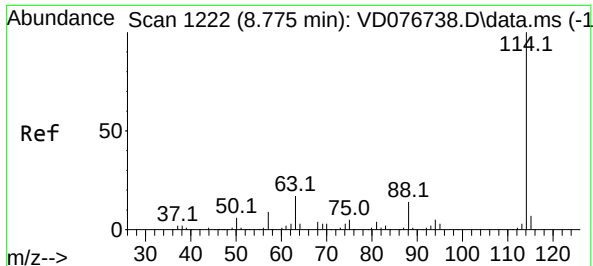
Tgt Ion:168 Resp: 187376
Ion Ratio Lower Upper
168 100
99 49.1 36.7 55.1



#33
1,2-Dichloroethane-d4
Concen: 50.191 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD076876.D
Acq: 31 Jul 2023 15:59

Tgt Ion: 65 Resp: 93672
Ion Ratio Lower Upper
65 100
67 54.6 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD076876.D

Acq: 31 Jul 2023 15:59

Instrument :

MSVOA_D

ClientSampleId :

82ND-1

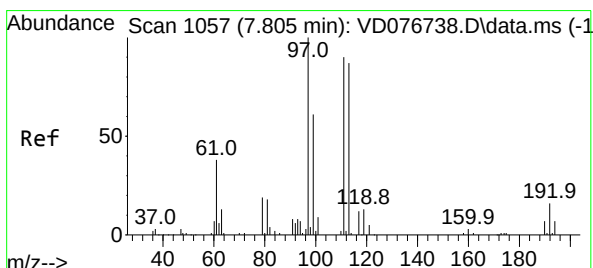
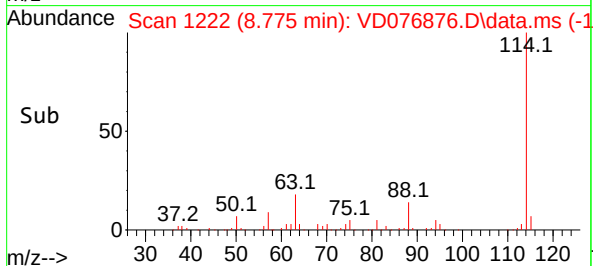
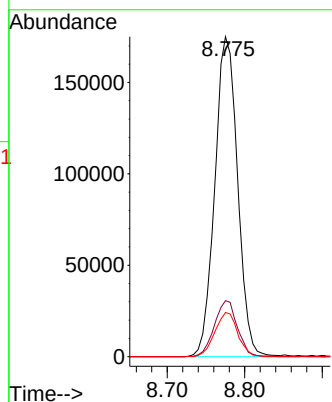
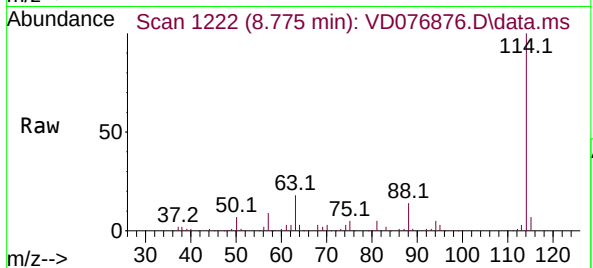
Tgt Ion:114 Resp: 357634

Ion Ratio Lower Upper

114 100

63 17.5 0.0 33.4

88 13.8 0.0 26.2



#35

Dibromofluoromethane

Concen: 51.192 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD076876.D

Acq: 31 Jul 2023 15:59

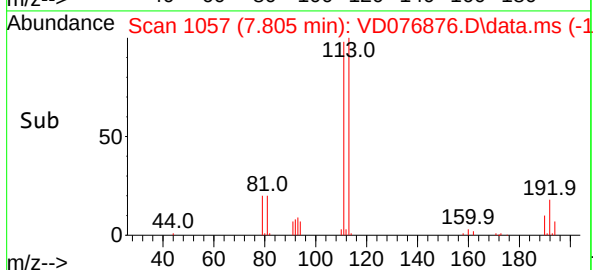
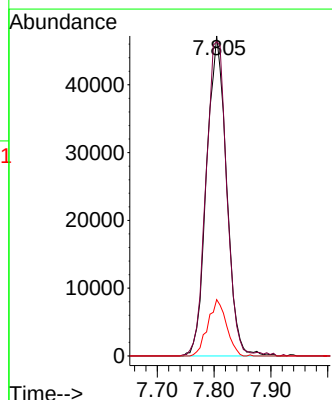
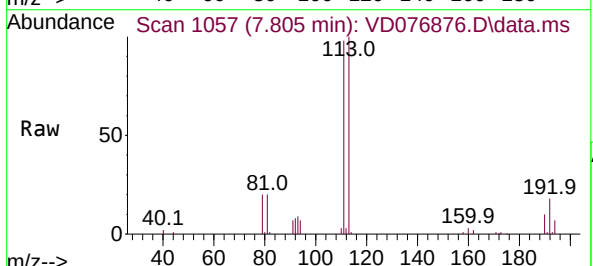
Tgt Ion:113 Resp: 115049

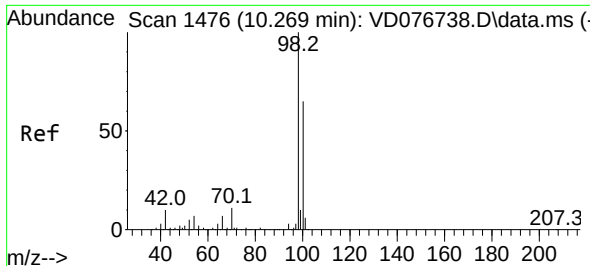
Ion Ratio Lower Upper

113 100

111 101.8 84.7 127.1

192 16.4 16.8 25.2#

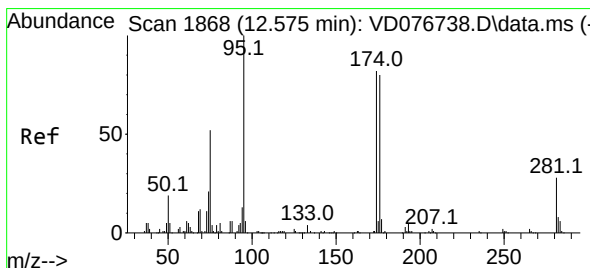
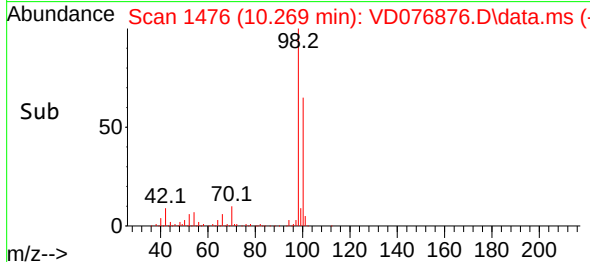
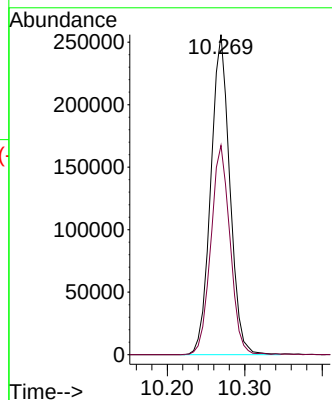
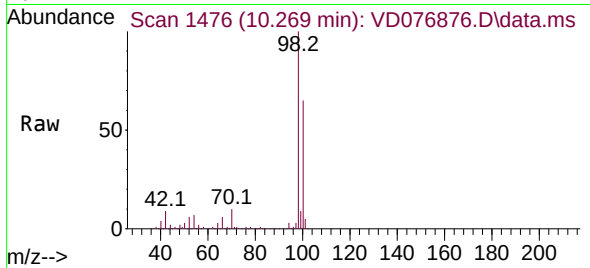




#50
Toluene-d8
Concen: 54.423 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076876.D
Acq: 31 Jul 2023 15:59

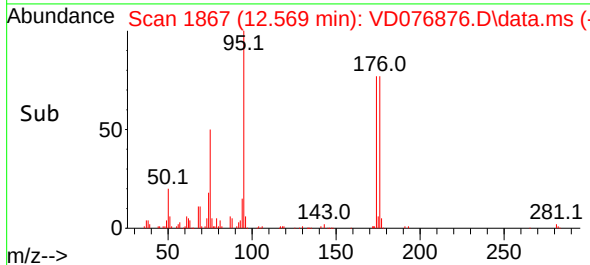
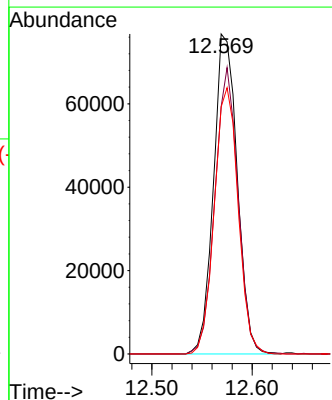
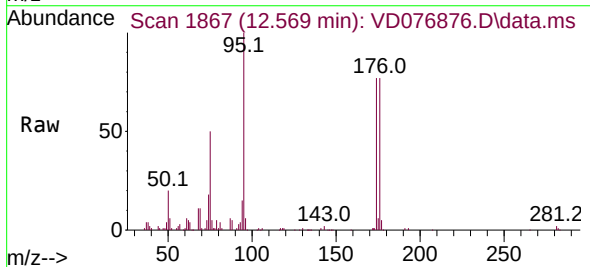
Instrument :
MSVOA_D
ClientSampleId :
82ND-1

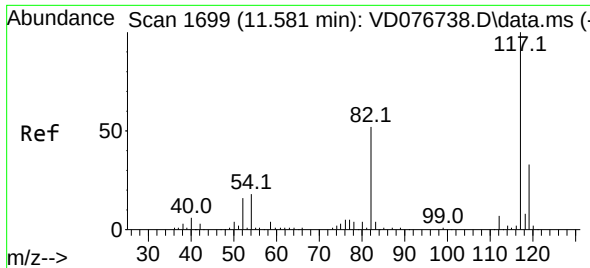
Tgt Ion: 98 Resp: 437551
Ion Ratio Lower Upper
98 100
100 65.8 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 48.477 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VD076876.D
Acq: 31 Jul 2023 15:59

Tgt Ion: 95 Resp: 126083
Ion Ratio Lower Upper
95 100
174 86.8 0.0 201.8
176 83.7 0.0 191.8

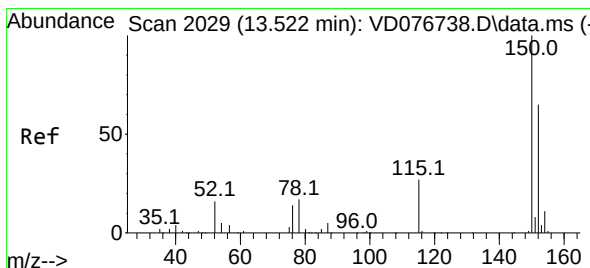
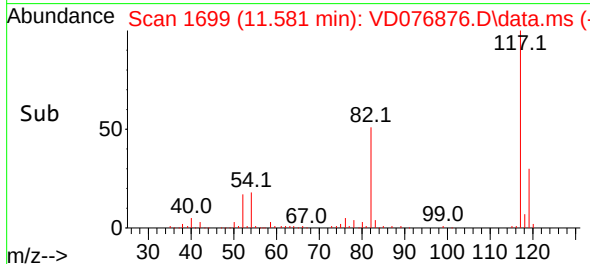
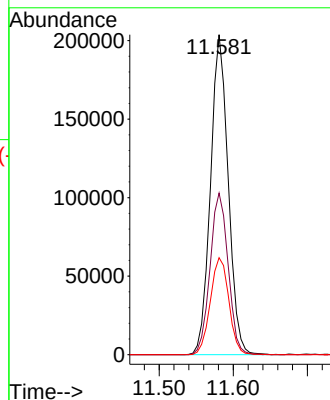
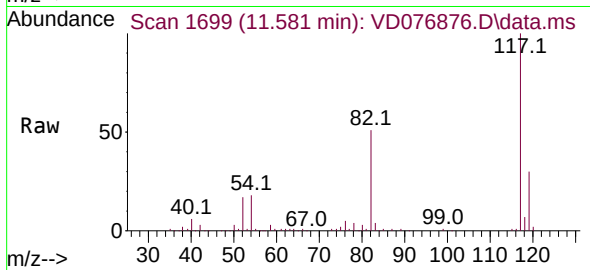




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD076876.D
Acq: 31 Jul 2023 15:59

Instrument :
MSVOA_D
ClientSampleId :
82ND-1

Tgt Ion:117 Resp: 337895
Ion Ratio Lower Upper
117 100
82 50.5 38.3 57.5
119 30.3 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: VD076876.D
Acq: 31 Jul 2023 15:59

Tgt Ion:152 Resp: 141170
Ion Ratio Lower Upper
152 100
115 61.2 27.1 81.3
150 164.3 0.0 353.6

