

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052623\
 Data File : VD076260.D
 Acq On : 26 May 2023 15:40
 Operator : KP/SY
 Sample : 02923-01
 Misc : 5.03G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OR-03-052423

Quant Time: May 26 23:16:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051523S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 10:08:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	222550	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	453021	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	407625	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	161545	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	134366	62.470	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	124.940%
35) Dibromofluoromethane	7.805	113	178674	57.060	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	114.120%
50) Toluene-d8	10.269	98	497680	40.770	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	81.540%
62) 4-Bromofluorobenzene	12.575	95	173173	51.070	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	102.140%

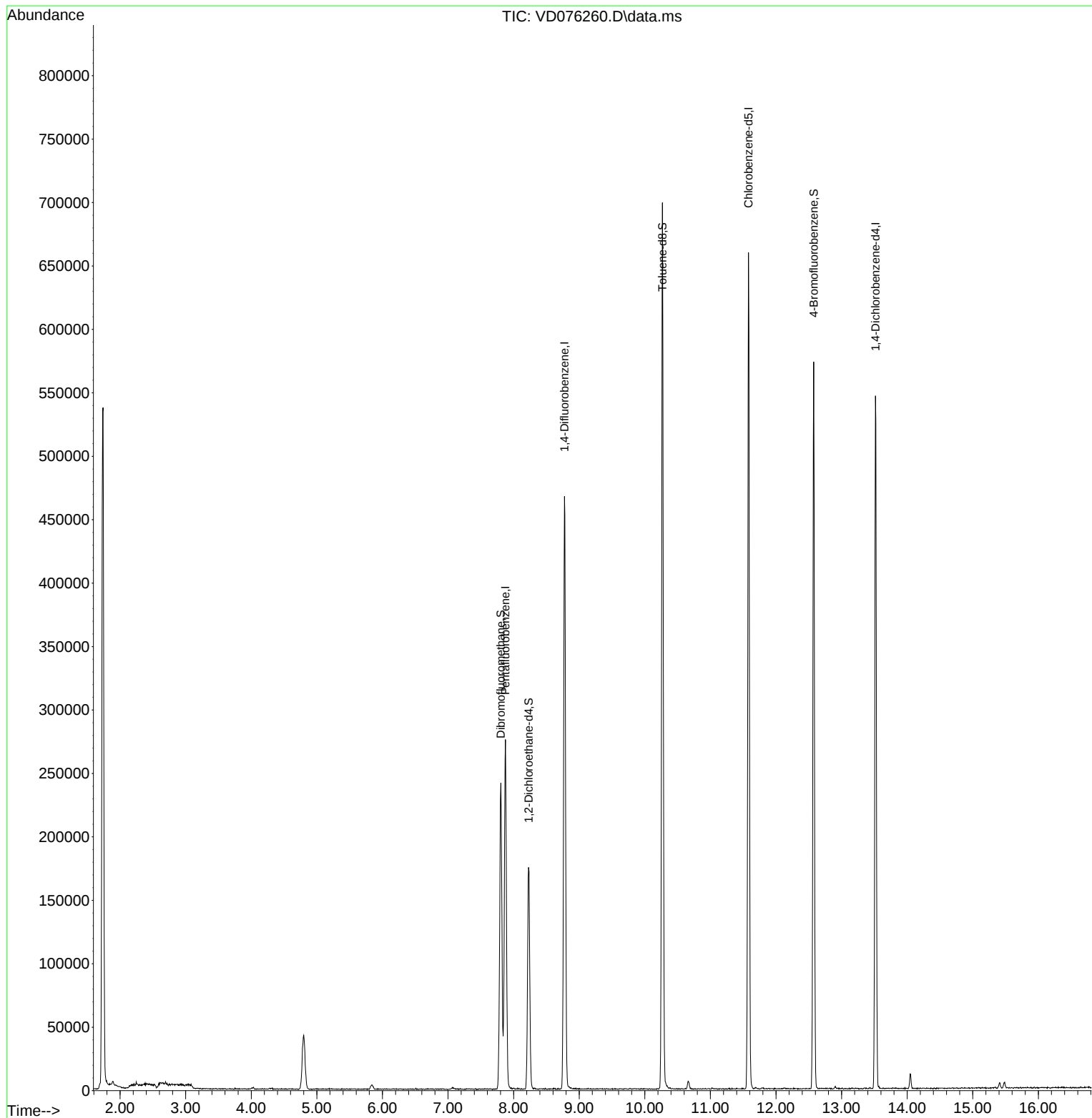
Target Compounds	Qvalue

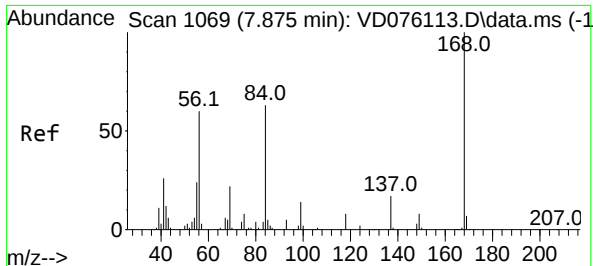
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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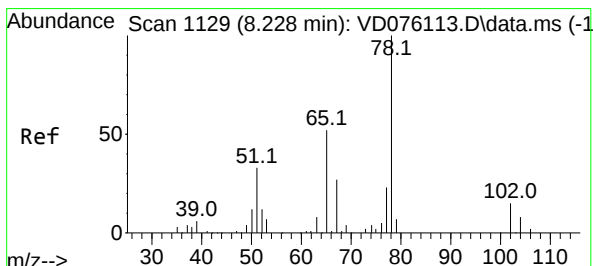
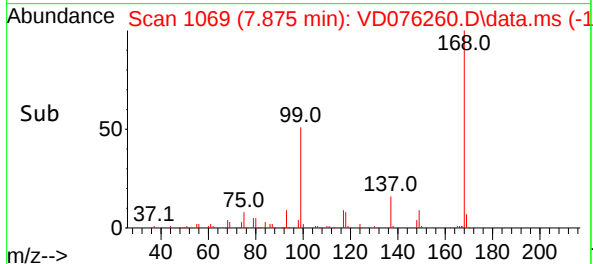
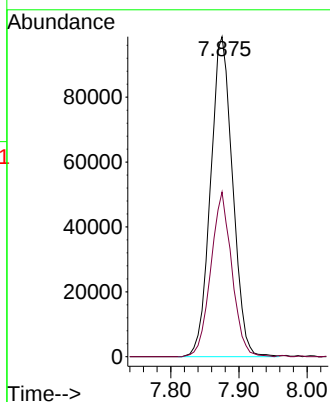
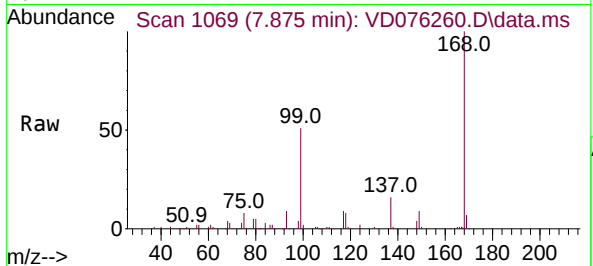




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076260.D
Acq: 26 May 2023 15:40

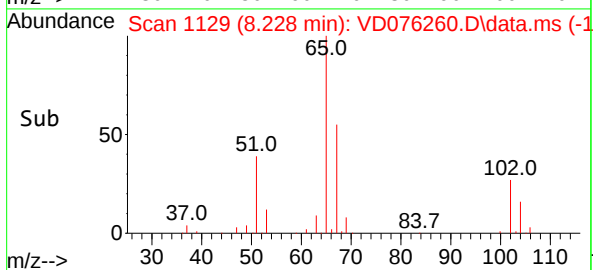
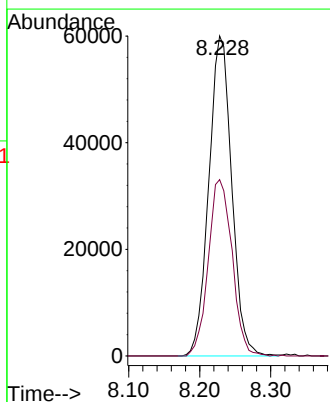
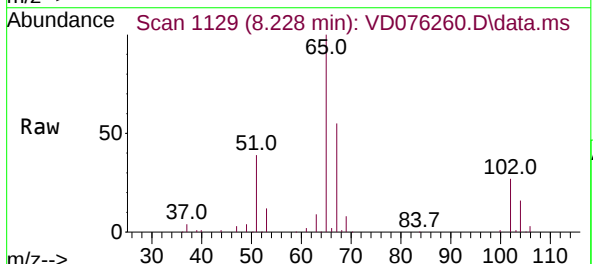
Instrument :
MSVOA_D
ClientSampleId :
OR-03-052423

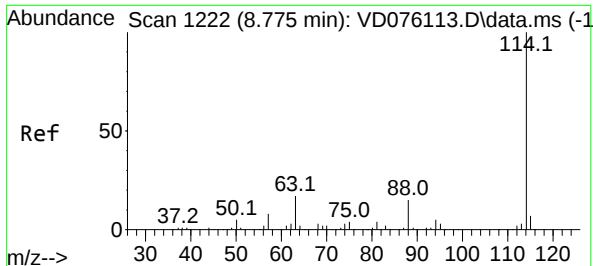
Tgt Ion:168 Resp: 222550
Ion Ratio Lower Upper
168 100
99 51.5 43.8 65.6



#33
1,2-Dichloroethane-d4
Concen: 62.470 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD076260.D
Acq: 26 May 2023 15:40

Tgt Ion: 65 Resp: 134366
Ion Ratio Lower Upper
65 100
67 57.3 0.0 102.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD076260.D

Acq: 26 May 2023 15:40

Instrument :

MSVOA_D

ClientSampleId :

OR-03-052423

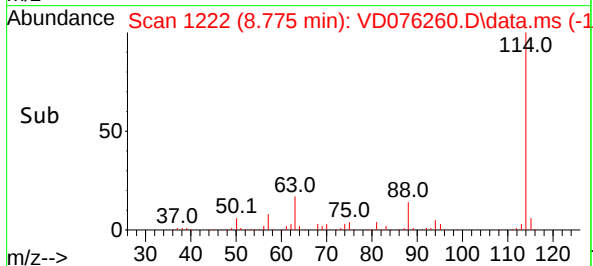
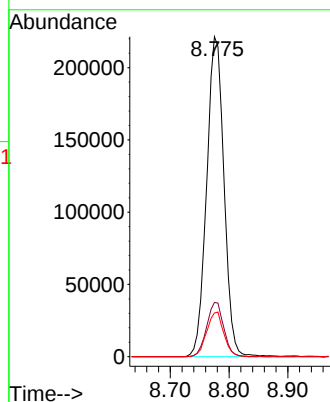
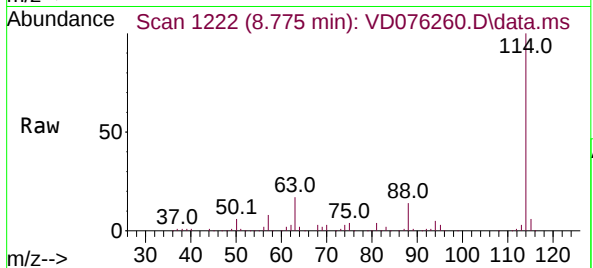
Tgt Ion:114 Resp: 453021

Ion Ratio Lower Upper

114 100

63 16.9 0.0 41.6

88 13.7 0.0 30.6



#35

Dibromofluoromethane

Concen: 57.060 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD076260.D

Acq: 26 May 2023 15:40

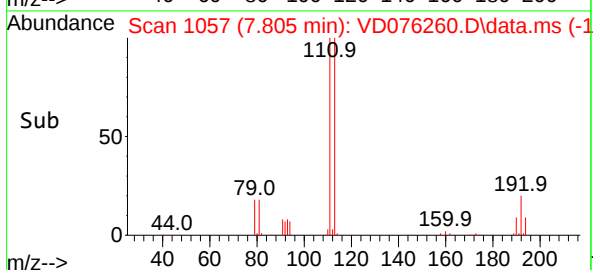
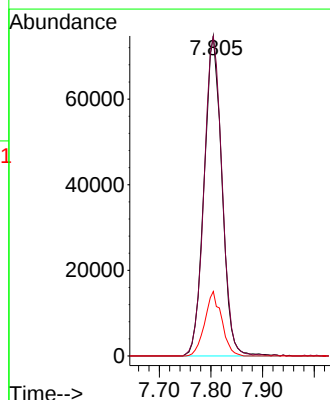
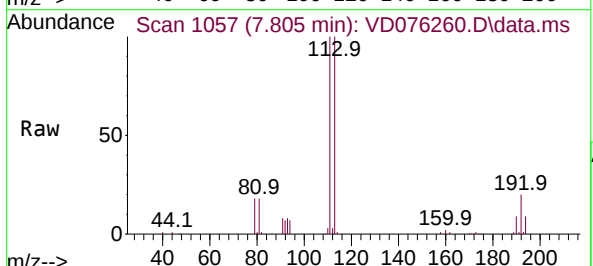
Tgt Ion:113 Resp: 178674

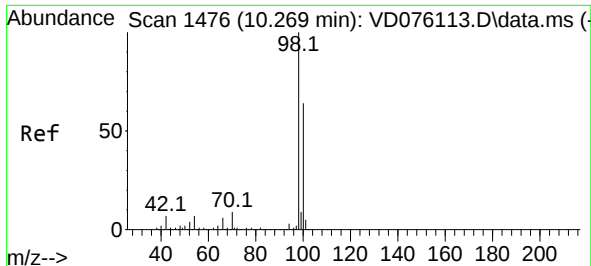
Ion Ratio Lower Upper

113 100

111 101.1 81.4 122.0

192 19.1 15.2 22.8

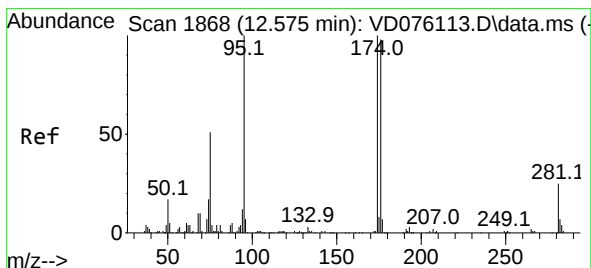
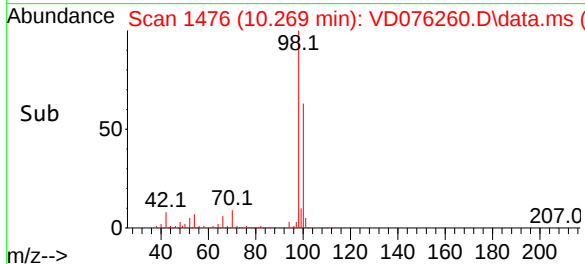
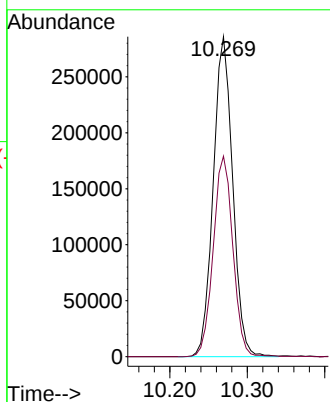
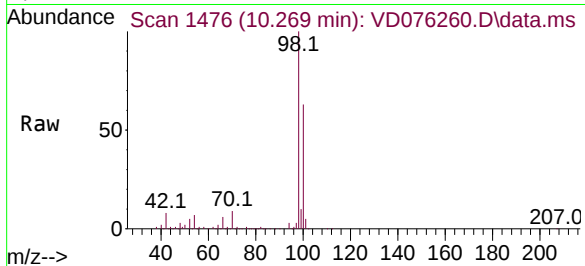




#50
Toluene-d8
Concen: 40.770 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076260.D
Acq: 26 May 2023 15:40

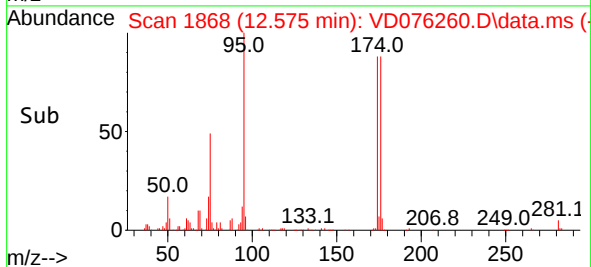
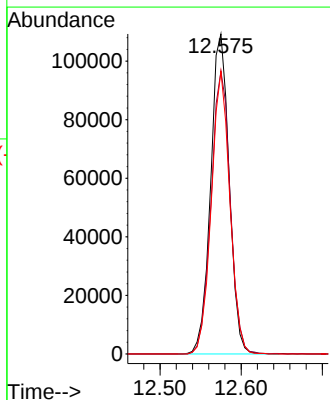
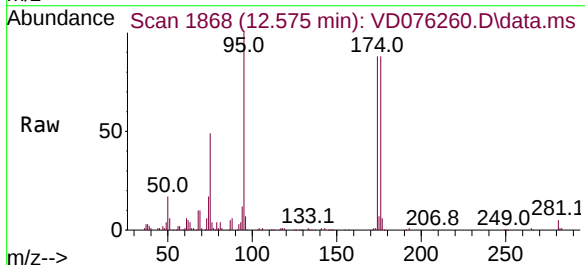
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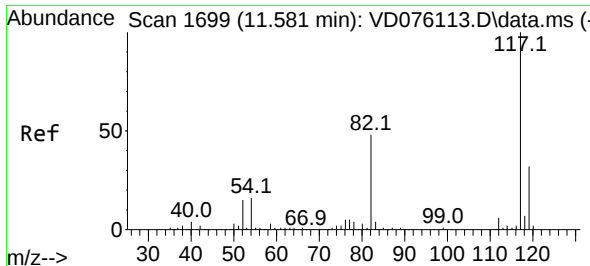
Tgt Ion: 98 Resp: 497680
Ion Ratio Lower Upper
98 100
100 63.4 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 51.070 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076260.D
Acq: 26 May 2023 15:40

Tgt Ion: 95 Resp: 173173
Ion Ratio Lower Upper
95 100
174 91.6 0.0 164.0
176 88.1 0.0 156.8

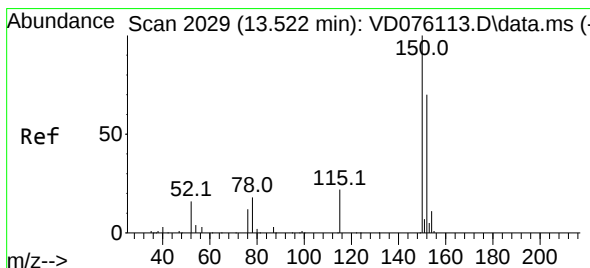
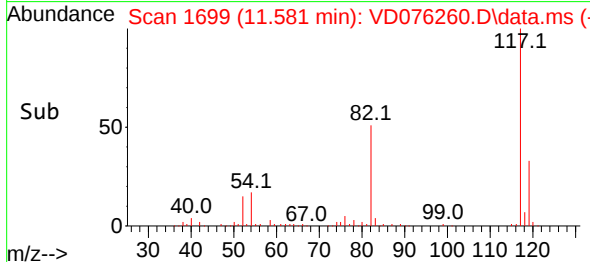
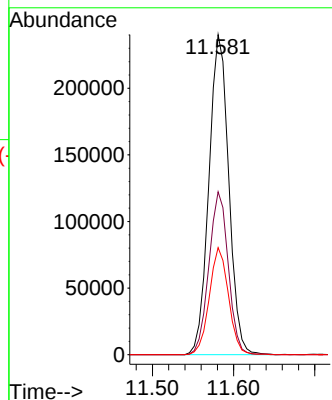
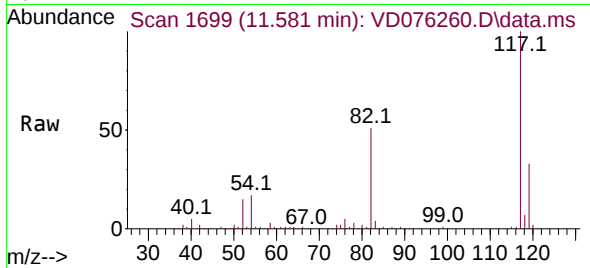




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD076260.D
Acq: 26 May 2023 15:40

Instrument :
MSVOA_D
ClientSampleId :
OR-03-052423

Tgt Ion:117 Resp: 407625
Ion Ratio Lower Upper
117 100
82 50.9 44.0 66.0
119 33.4 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD076260.D
Acq: 26 May 2023 15:40

Tgt Ion:152 Resp: 161545
Ion Ratio Lower Upper
152 100
115 51.6 30.1 90.3
150 155.2 0.0 364.8

