

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060823\
 Data File : VD076377.D
 Acq On : 08 Jun 2023 17:01
 Operator : KP/SY
 Sample : 03051-01RE
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RBR-251580RE

Quant Time: Jun 09 01:24:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060523S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 06 02:52:23 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	107336	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	209179	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	238957	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	127273	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	101222	105.250	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	210.500%#
35) Dibromofluoromethane	7.804	113	109762	82.643	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	165.280%#
50) Toluene-d8	10.269	98	256587	48.522	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.040%
62) 4-Bromofluorobenzene	12.575	95	103596	74.027	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	148.060%#

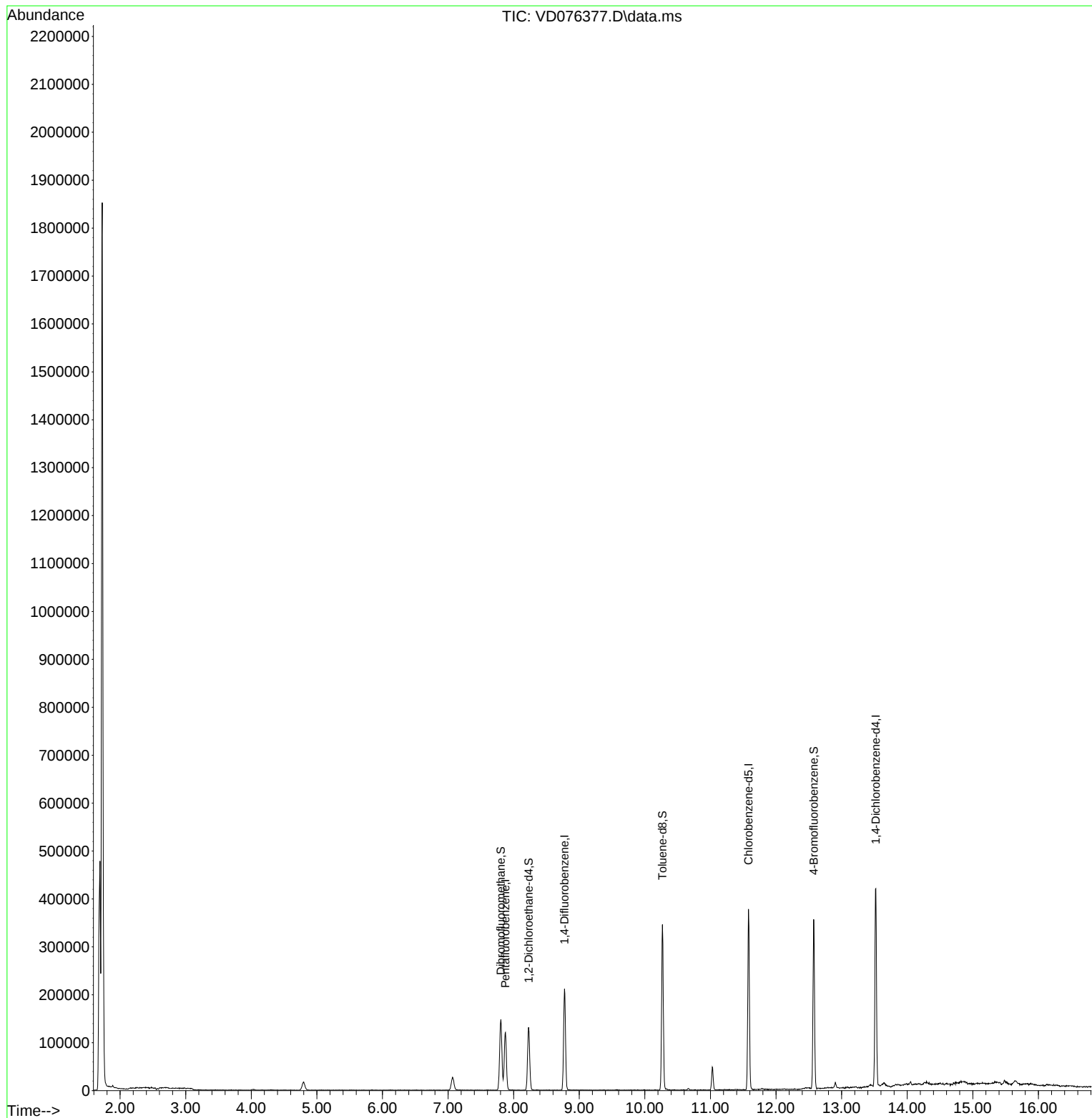
Target Compounds	Qvalue

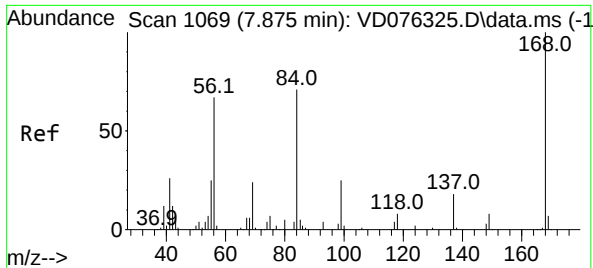
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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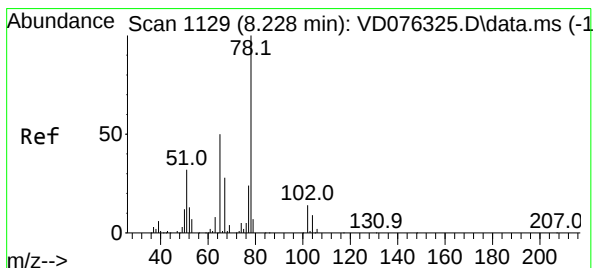
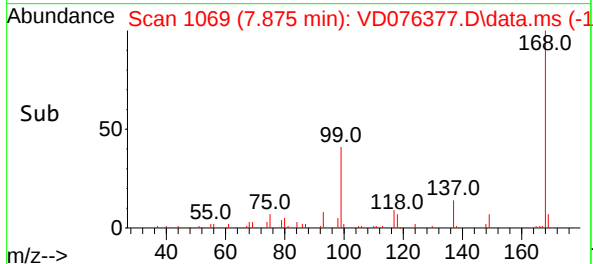
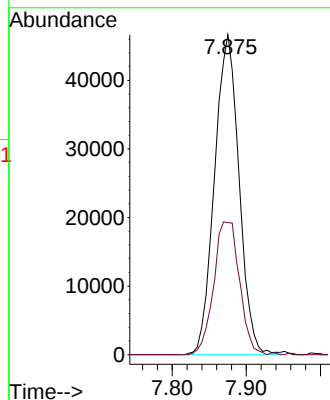
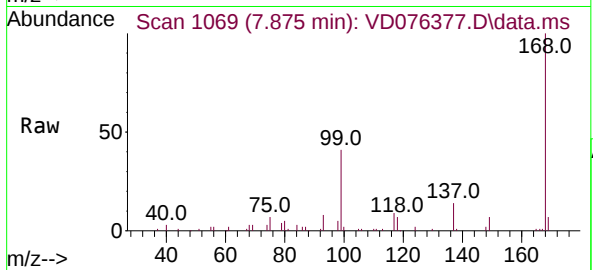




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076377.D
Acq: 08 Jun 2023 17:01

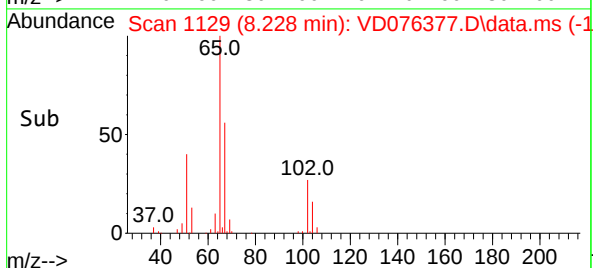
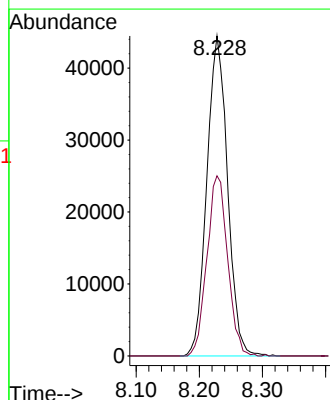
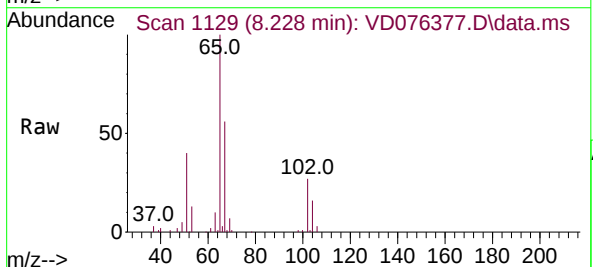
Instrument :
MSVOA_D
ClientSampleId :
RBR-251580RE

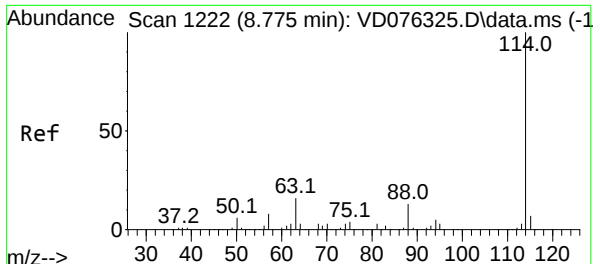
Tgt Ion:168 Resp: 107336
Ion Ratio Lower Upper
168 100
99 41.3 36.7 55.1



#33
1,2-Dichloroethane-d4
Concen: 105.250 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD076377.D
Acq: 08 Jun 2023 17:01

Tgt Ion: 65 Resp: 101222
Ion Ratio Lower Upper
65 100
67 56.3 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: VD076377.D

Acq: 08 Jun 2023 17:01

Instrument :

MSVOA_D

ClientSampleId :

RBR-251580RE

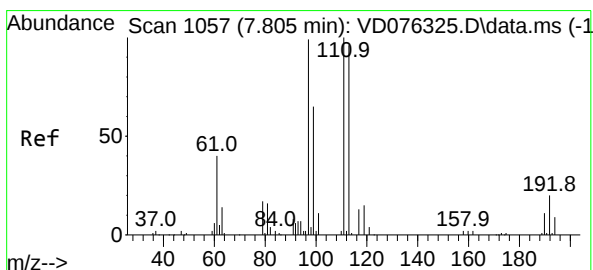
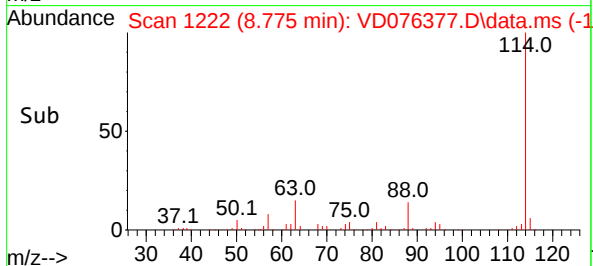
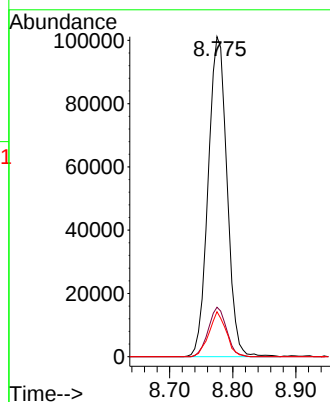
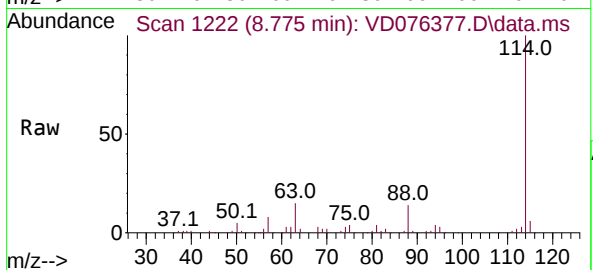
Tgt Ion:114 Resp: 209179

Ion Ratio Lower Upper

114 100

63 15.5 0.0 33.4

88 14.1 0.0 26.2



#35

Dibromofluoromethane

Concen: 82.643 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD076377.D

Acq: 08 Jun 2023 17:01

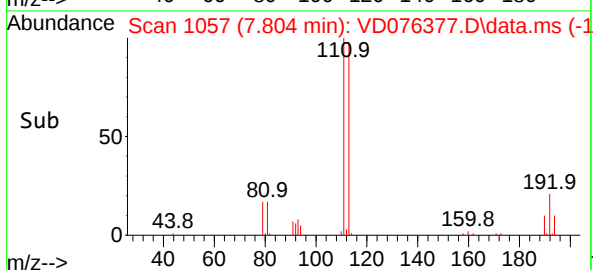
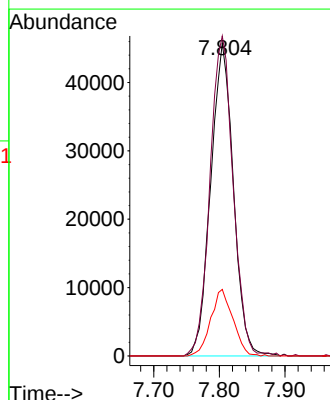
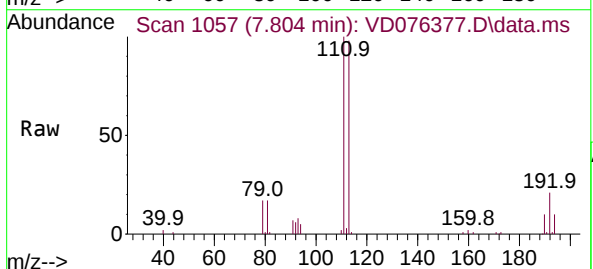
Tgt Ion:113 Resp: 109762

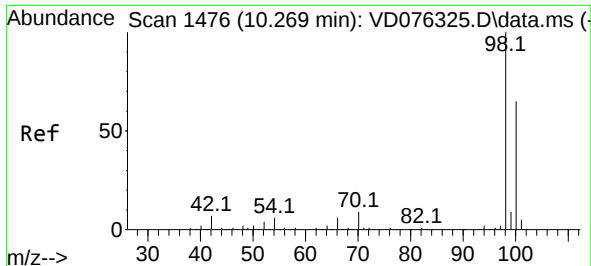
Ion Ratio Lower Upper

113 100

111 104.3 84.7 127.1

192 20.9 16.8 25.2

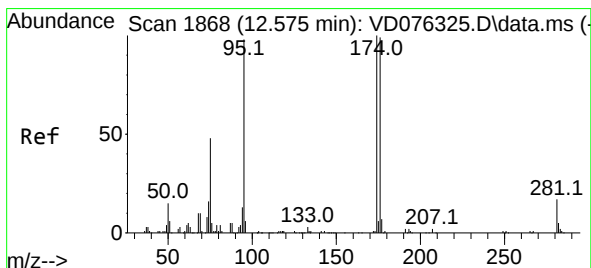
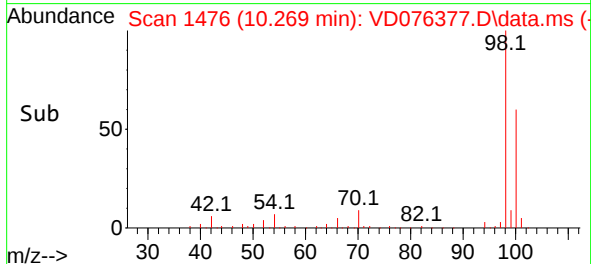
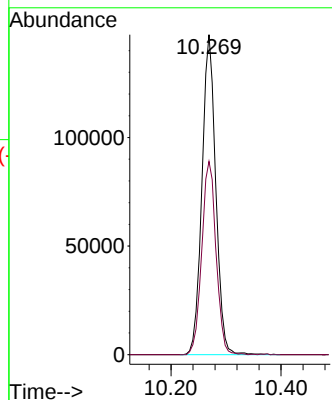
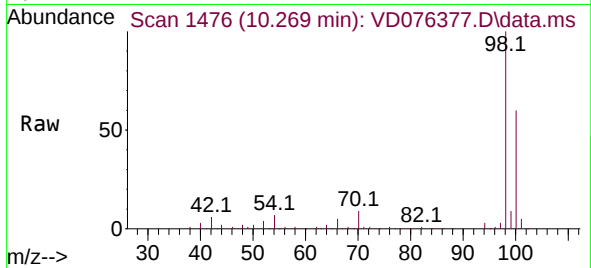




#50
Toluene-d8
Concen: 48.522 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD076377.D
Acq: 08 Jun 2023 17:01

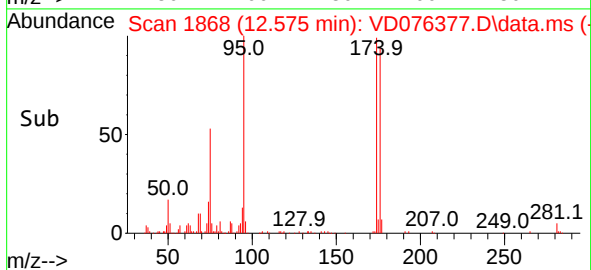
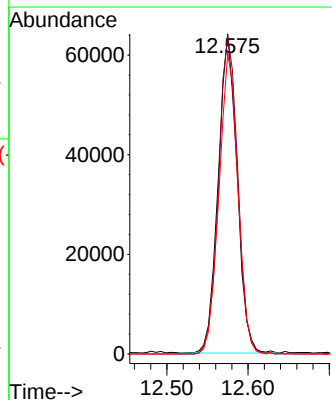
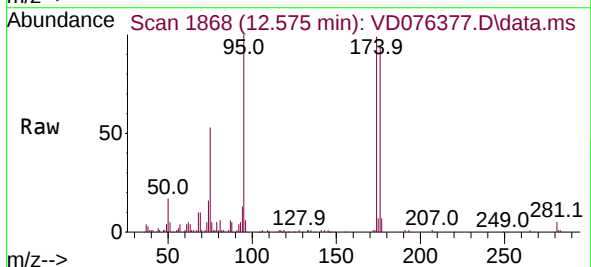
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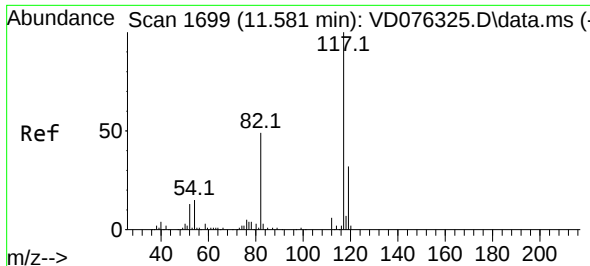
Tgt Ion: 98 Resp: 256587
Ion Ratio Lower Upper
98 100
100 62.5 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 74.027 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076377.D
Acq: 08 Jun 2023 17:01

Tgt Ion: 95 Resp: 103596
Ion Ratio Lower Upper
95 100
174 101.3 0.0 201.8
176 94.5 0.0 191.8

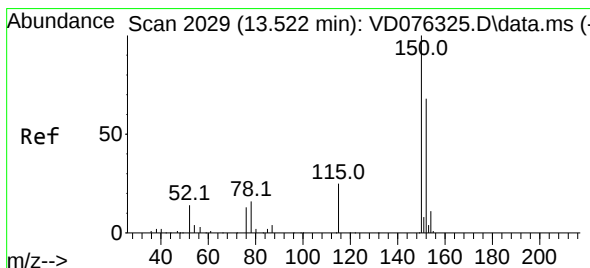
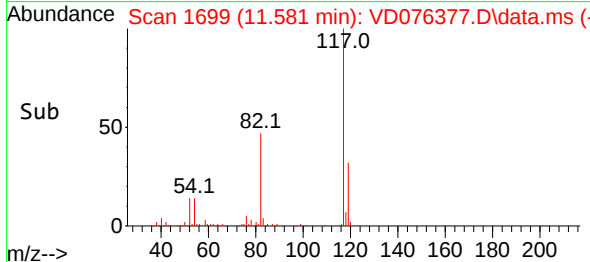
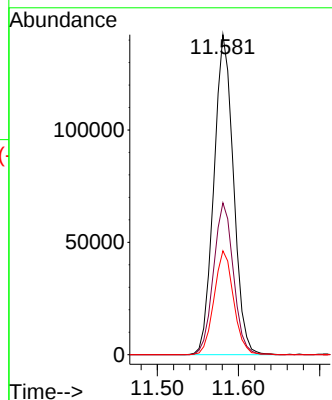
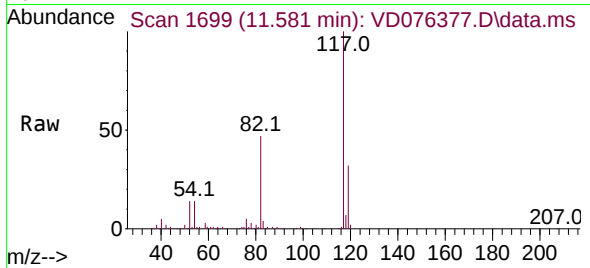




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD076377.D
Acq: 08 Jun 2023 17:01

Instrument :
MSVOA_D
ClientSampleId :
RBR-251580RE

Tgt Ion:117 Resp: 238957
Ion Ratio Lower Upper
117 100
82 47.5 38.3 57.5
119 32.4 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD076377.D
Acq: 08 Jun 2023 17:01

Tgt Ion:152 Resp: 127273
Ion Ratio Lower Upper
152 100
115 52.6 27.1 81.3
150 157.7 0.0 353.6

