

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072823\
 Data File : VD076861.D
 Acq On : 28 Jul 2023 18:18
 Operator : KP/SY
 Sample : 03810-08
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B-P1A

Quant Time: Jul 28 23:06:52 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	169544	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	320721	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	300316	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	128070	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	88516	52.416	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	104.840%
35) Dibromofluoromethane	7.799	113	103323	51.266	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.540%
50) Toluene-d8	10.269	98	395357	54.835	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	109.660%
62) 4-Bromofluorobenzene	12.575	95	112183	48.097	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	96.200%

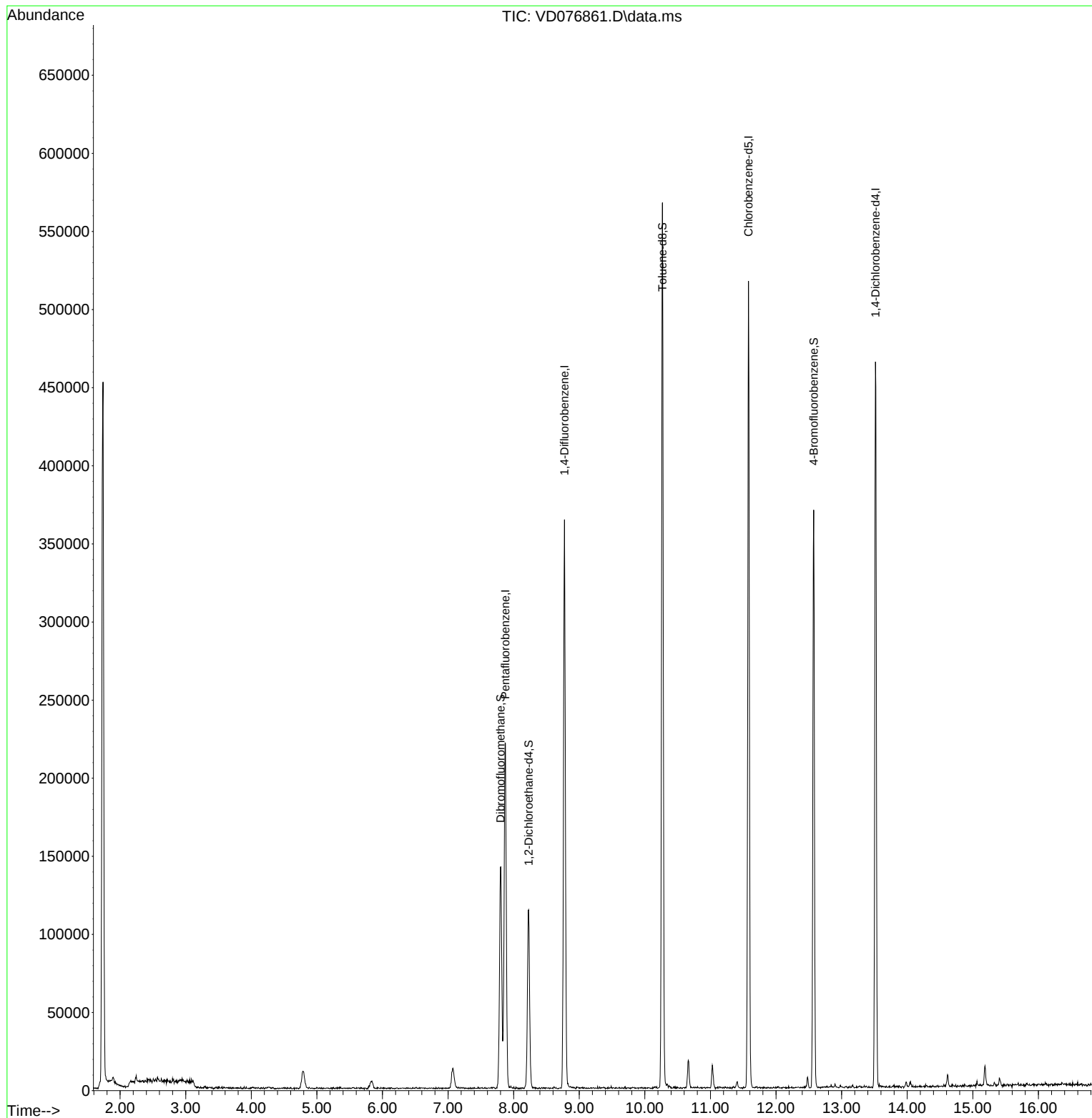
Target Compounds	Qvalue

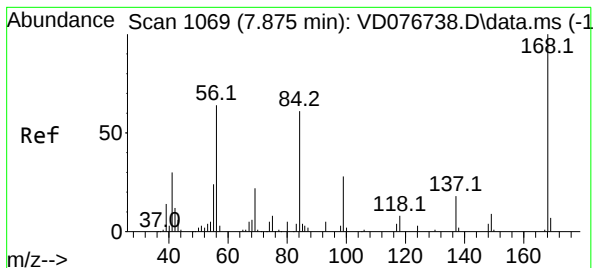
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD076861.D

Acq: 28 Jul 2023 18:18

Instrument :

MSVOA_D

ClientSampleId :

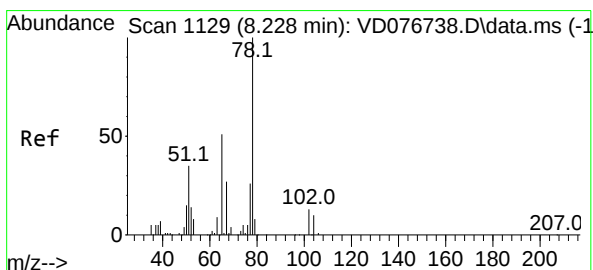
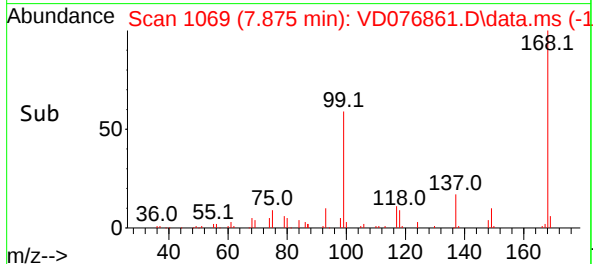
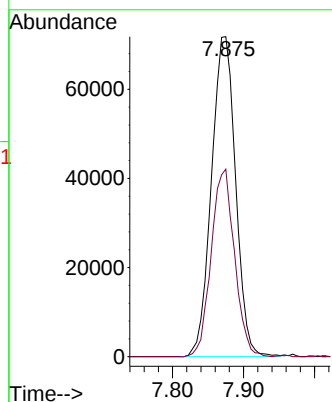
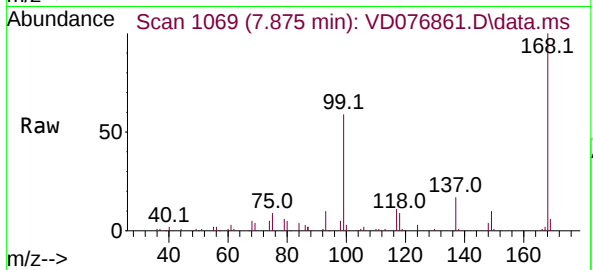
B-P1A

Tgt Ion:168 Resp: 169544

Ion Ratio Lower Upper

168 100

99 58.6 36.7 55.1#



#33

1,2-Dichloroethane-d4

Concen: 52.416 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD076861.D

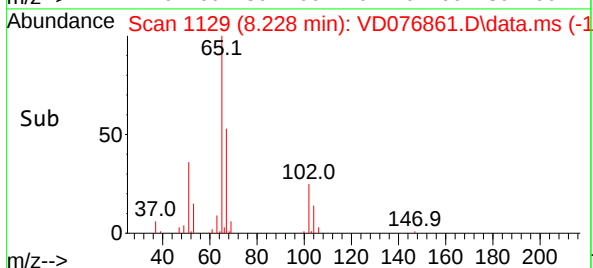
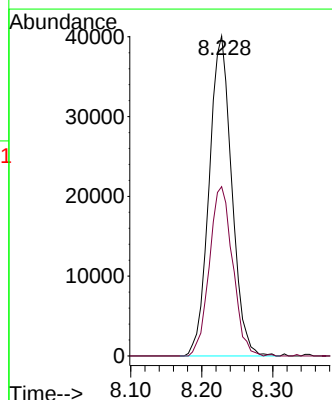
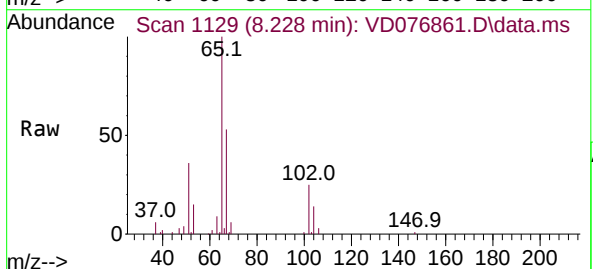
Acq: 28 Jul 2023 18:18

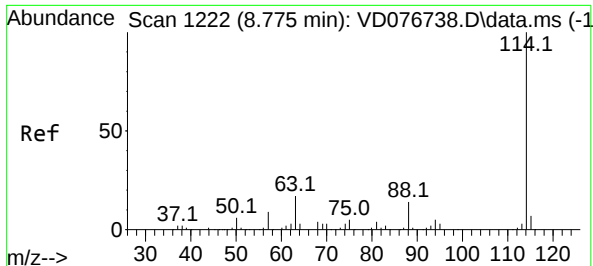
Tgt Ion: 65 Resp: 88516

Ion Ratio Lower Upper

65 100

67 54.5 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: VD076861.D

Acq: 28 Jul 2023 18:18

Instrument :

MSVOA_D

ClientSampleId :

B-P1A

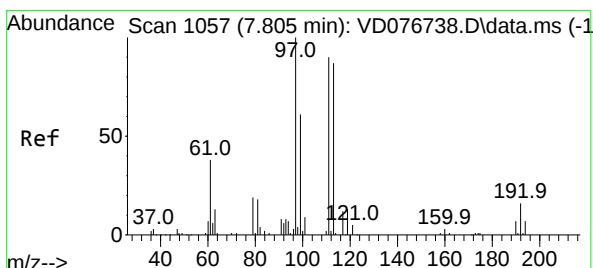
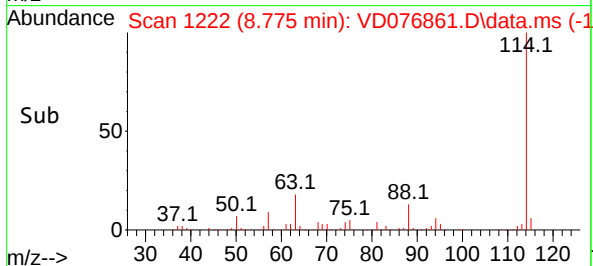
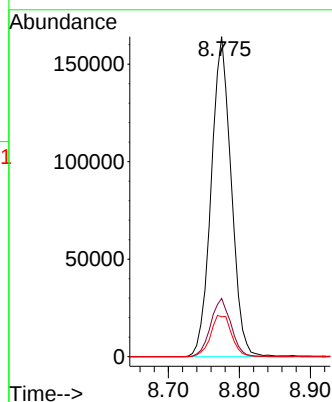
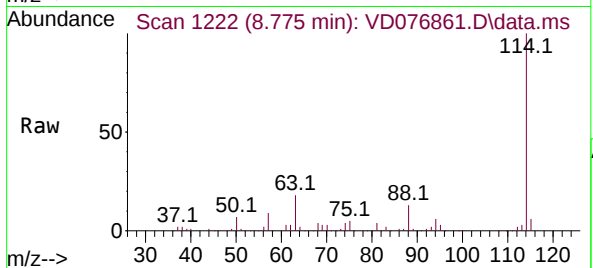
Tgt Ion:114 Resp: 320721

Ion Ratio Lower Upper

114 100

63 18.2 0.0 33.4

88 12.5 0.0 26.2



#35

Dibromofluoromethane

Concen: 51.266 ug/l

RT: 7.799 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VD076861.D

Acq: 28 Jul 2023 18:18

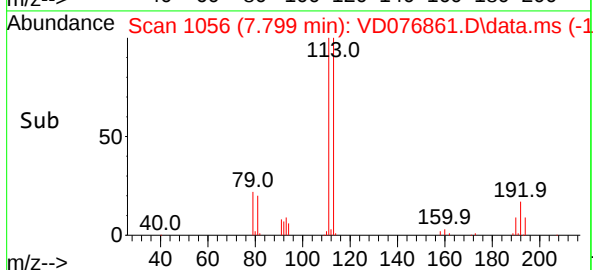
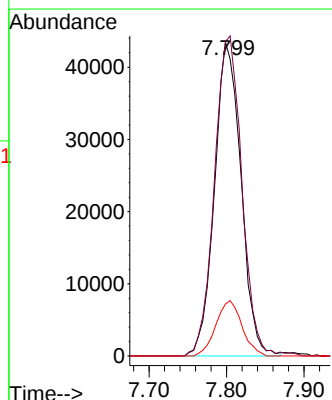
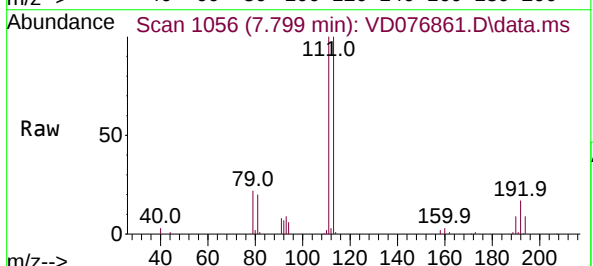
Tgt Ion:113 Resp: 103323

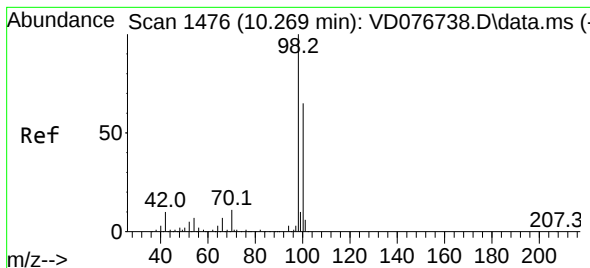
Ion Ratio Lower Upper

113 100

111 105.6 84.7 127.1

192 17.4 16.8 25.2





#50

Toluene-d8

Concen: 54.835 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD076861.D

Acq: 28 Jul 2023 18:18

Instrument :

MSVOA_D

ClientSampleId :

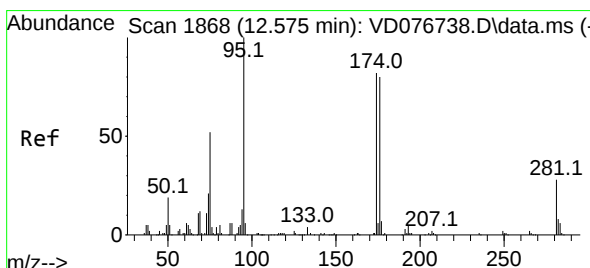
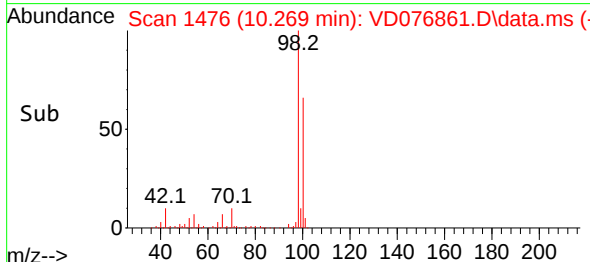
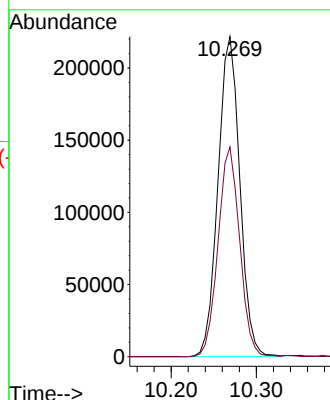
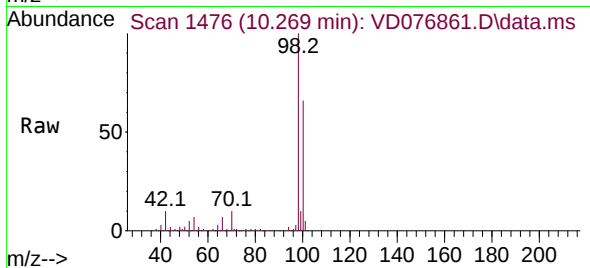
B-P1A

Tgt Ion: 98 Resp: 395357

Ion Ratio Lower Upper

98 100

100 64.7 50.3 75.5



#62

4-Bromofluorobenzene

Concen: 48.097 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. -0.000 min

Lab File: VD076861.D

Acq: 28 Jul 2023 18:18

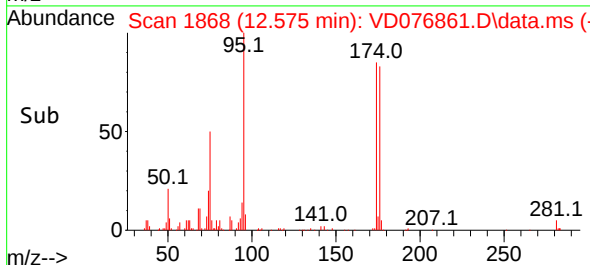
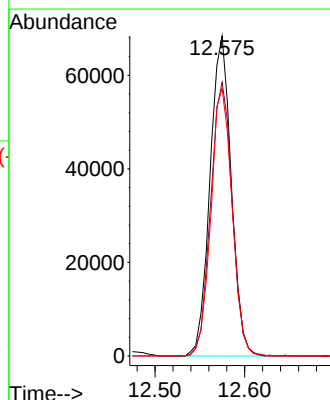
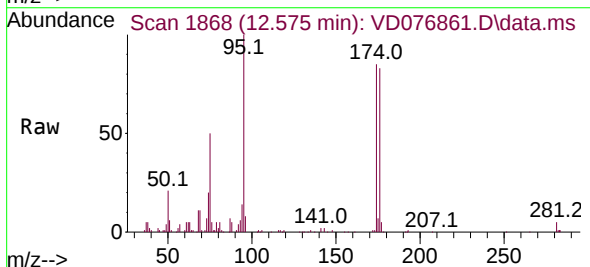
Tgt Ion: 95 Resp: 112183

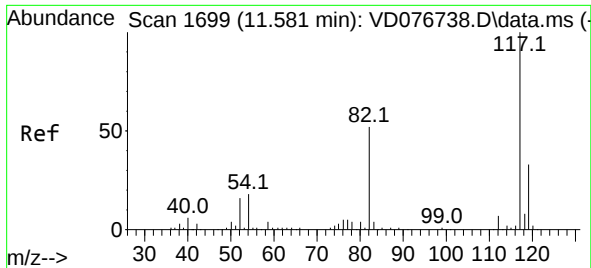
Ion Ratio Lower Upper

95 100

174 86.7 0.0 201.8

176 83.7 0.0 191.8

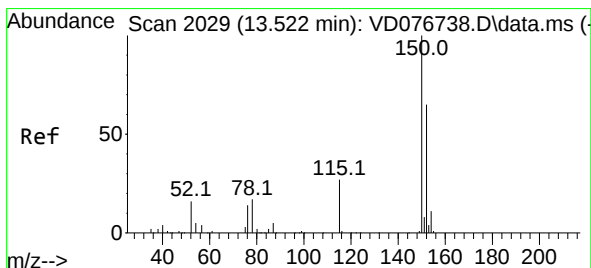
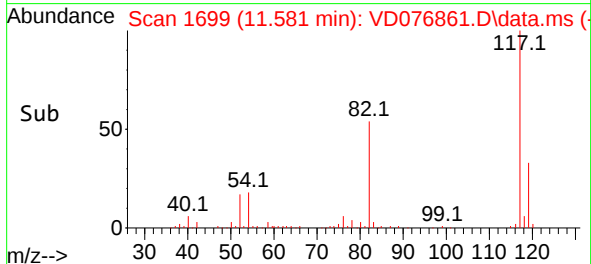
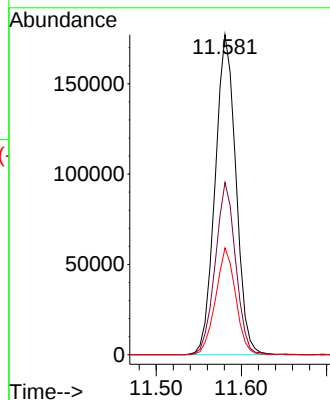
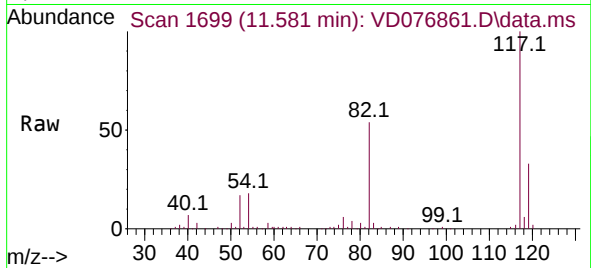




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076861.D
Acq: 28 Jul 2023 18:18

Instrument :
MSVOA_D
ClientSampleId :
B-P1A

Tgt Ion:117 Resp: 300316
Ion Ratio Lower Upper
117 100
82 53.8 38.3 57.5
119 33.4 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: VD076861.D
Acq: 28 Jul 2023 18:18

Tgt Ion:152 Resp: 128070
Ion Ratio Lower Upper
152 100
115 58.8 27.1 81.3
150 155.0 0.0 353.6

