

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072723\
 Data File : VD076839.D
 Acq On : 27 Jul 2023 17:37
 Operator : KP/SY
 Sample : 03791-01
 Misc : 5.05G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EO-03-072623

Quant Time: Jul 28 02:59:49 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	189279	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	372265	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	344590	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	147914	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	99942	53.012	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	106.020%
35) Dibromofluoromethane	7.804	113	120807	51.641	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.280%
50) Toluene-d8	10.269	98	462883	55.311	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	110.620%
62) 4-Bromofluorobenzene	12.575	95	129909	47.985	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	95.980%

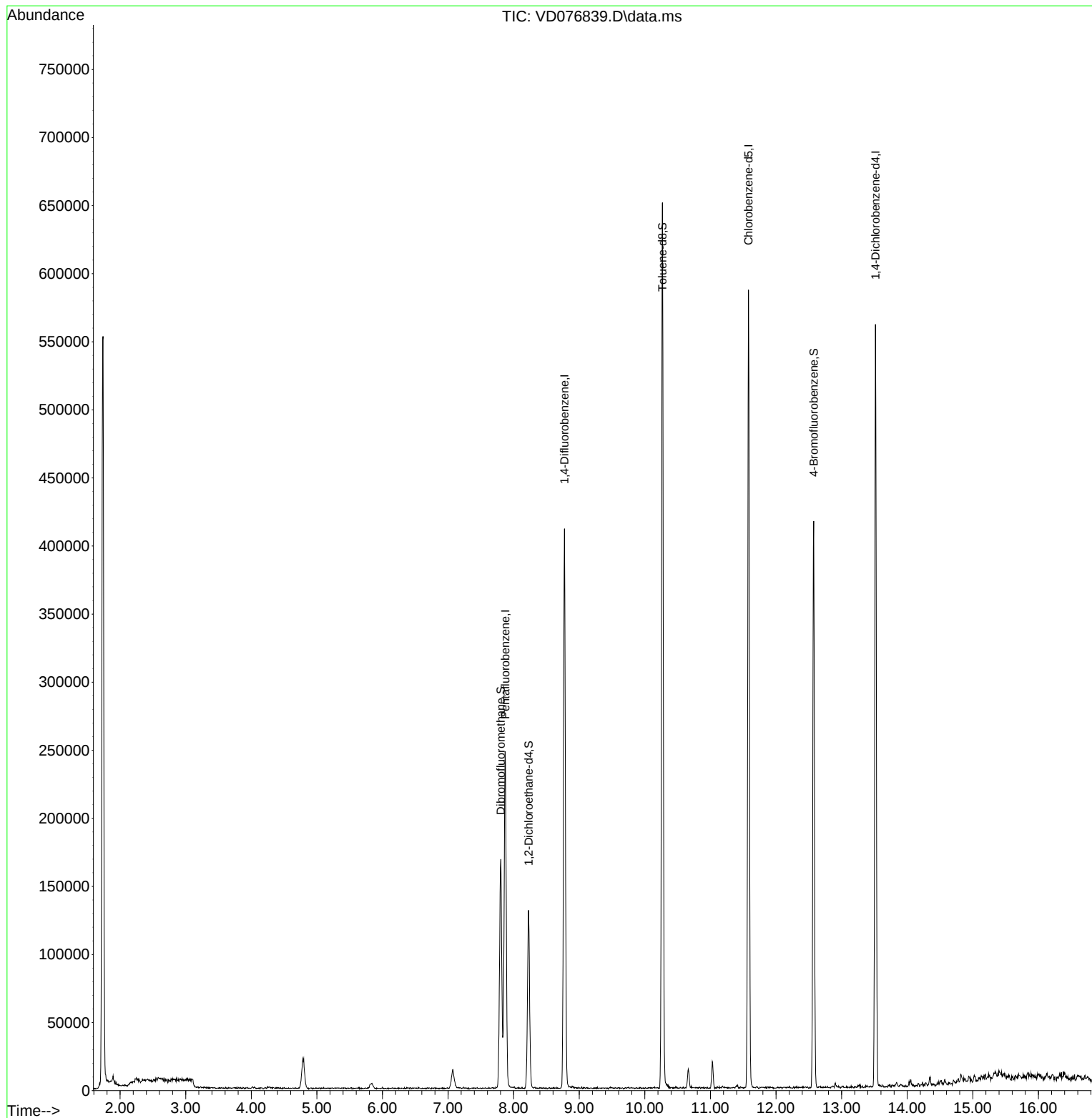
Target Compounds	Qvalue

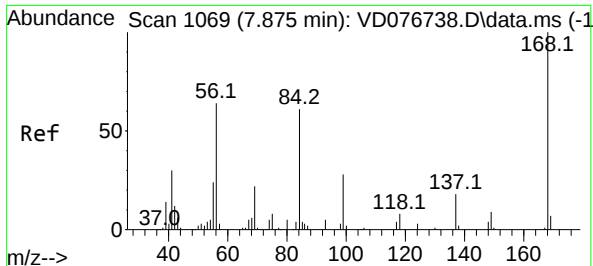
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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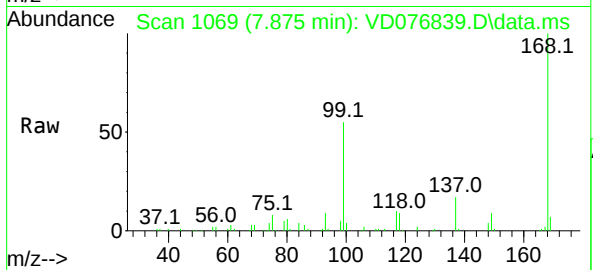
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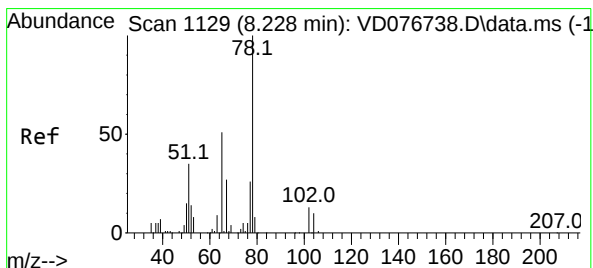
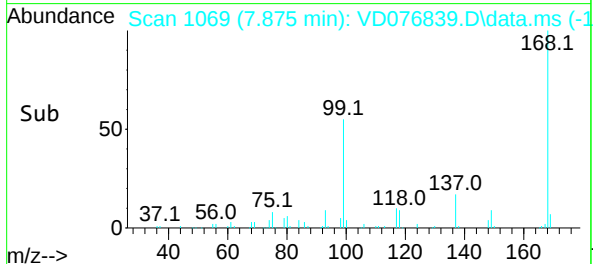
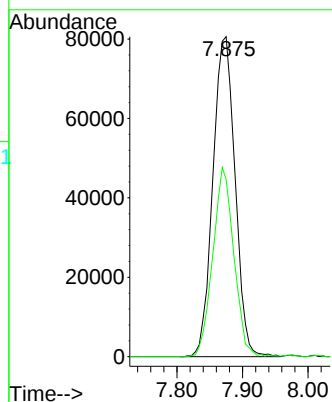


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076839.D
Acq: 27 Jul 2023 17:37

Instrument :
MSVOA_D
ClientSampleId :
EO-03-072623

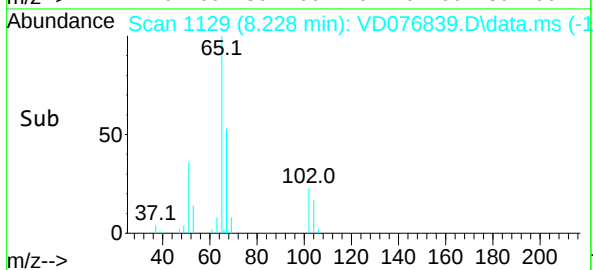
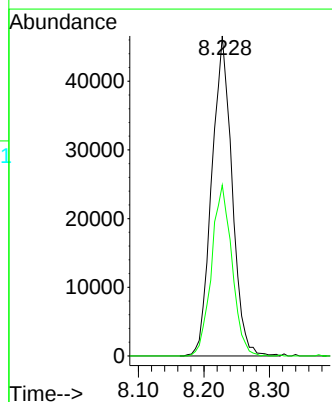
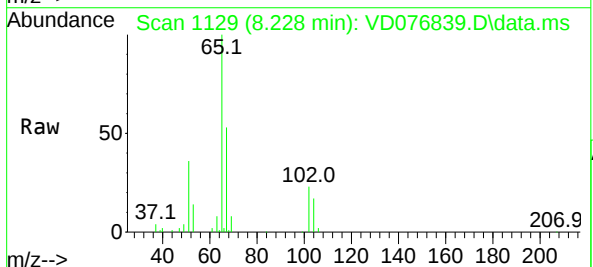


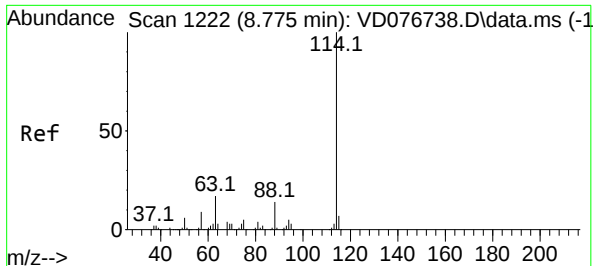
Tgt Ion:168 Resp: 189279
Ion Ratio Lower Upper
168 100
99 55.4 36.7 55.1#



#33
1,2-Dichloroethane-d4
Concen: 53.012 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD076839.D
Acq: 27 Jul 2023 17:37

Tgt Ion: 65 Resp: 99942
Ion Ratio Lower Upper
65 100
67 53.9 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD076839.D

Acq: 27 Jul 2023 17:37

Instrument :

MSVOA_D

ClientSampleId :

EO-03-072623

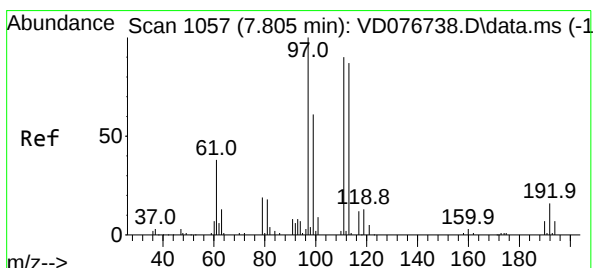
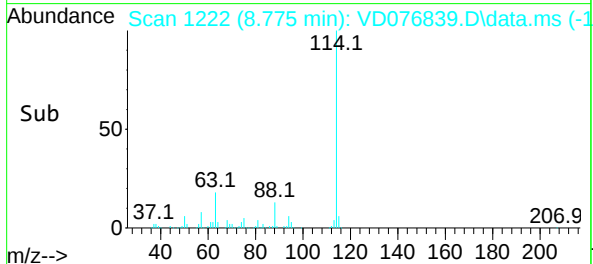
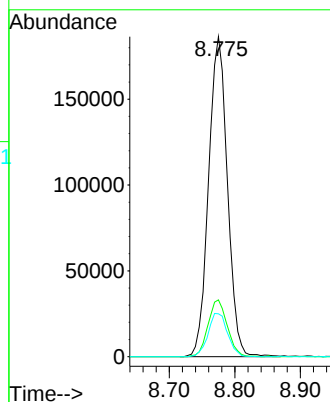
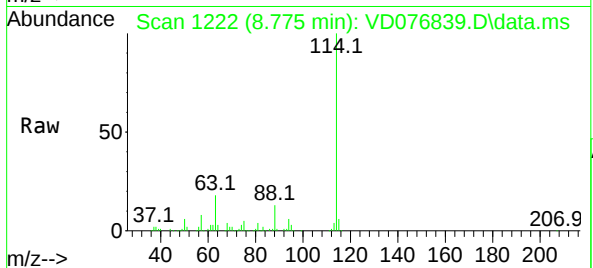
Tgt Ion:114 Resp: 372265

Ion Ratio Lower Upper

114 100

63 17.7 0.0 33.4

88 13.4 0.0 26.2



#35

Dibromofluoromethane

Concen: 51.641 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.001 min

Lab File: VD076839.D

Acq: 27 Jul 2023 17:37

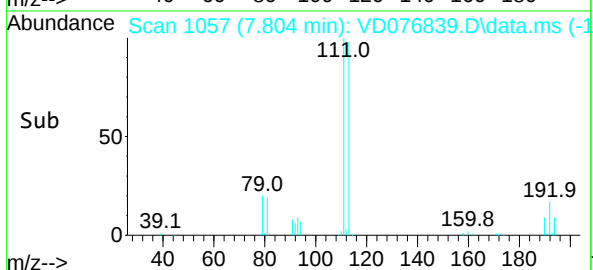
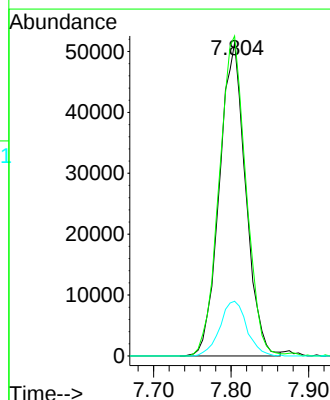
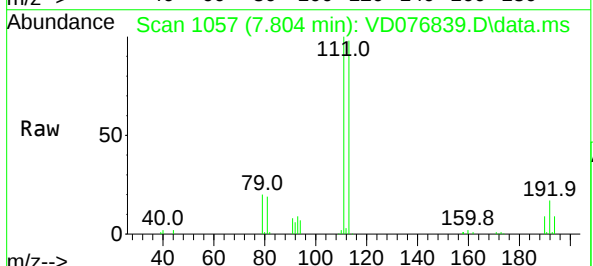
Tgt Ion:113 Resp: 120807

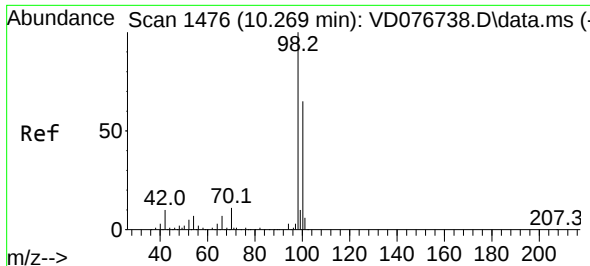
Ion Ratio Lower Upper

113 100

111 104.5 84.7 127.1

192 18.0 16.8 25.2

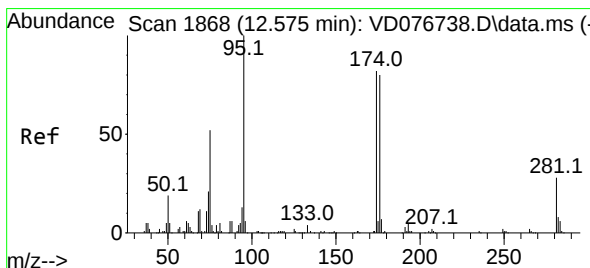
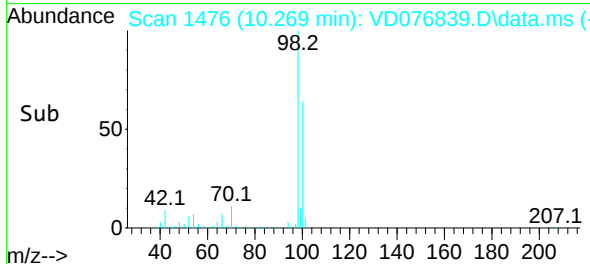
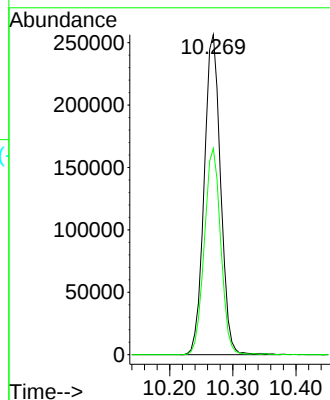
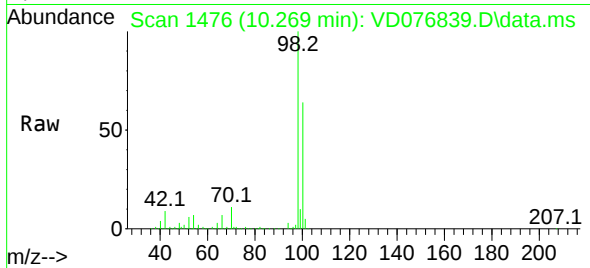




#50
Toluene-d8
Concen: 55.311 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076839.D
Acq: 27 Jul 2023 17:37

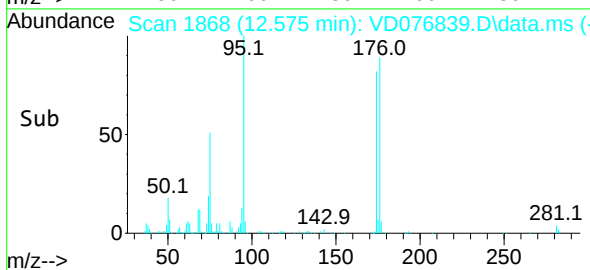
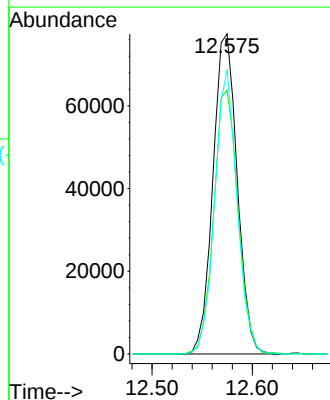
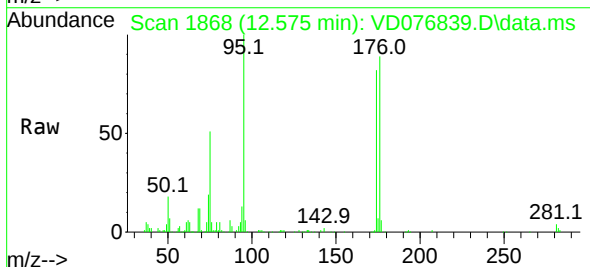
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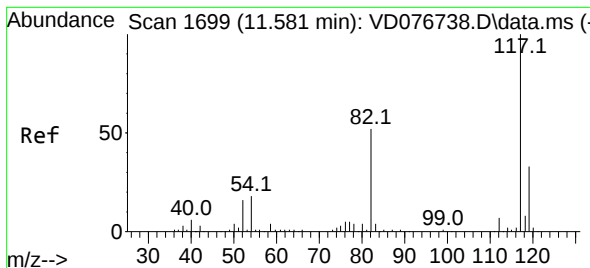
Tgt Ion: 98 Resp: 462883
Ion Ratio Lower Upper
98 100
100 64.3 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 47.985 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076839.D
Acq: 27 Jul 2023 17:37

Tgt Ion: 95 Resp: 129909
Ion Ratio Lower Upper
95 100
174 82.6 0.0 201.8
176 82.0 0.0 191.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD076839.D

Acq: 27 Jul 2023 17:37

Instrument :

MSVOA_D

ClientSampleId :

EO-03-072623

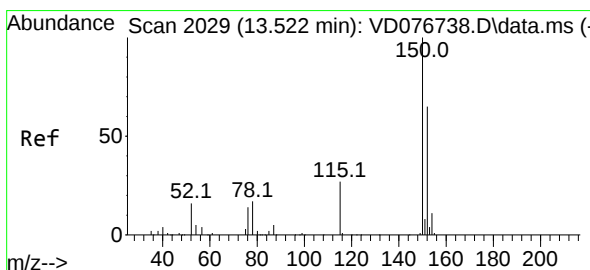
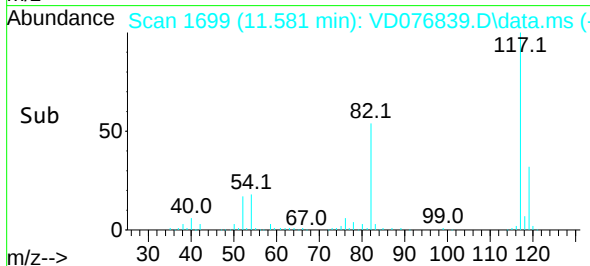
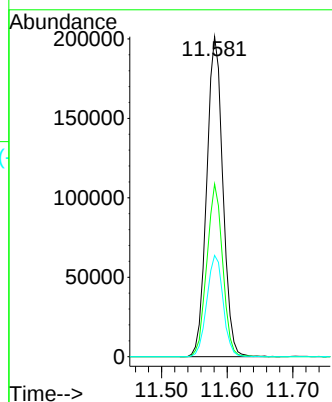
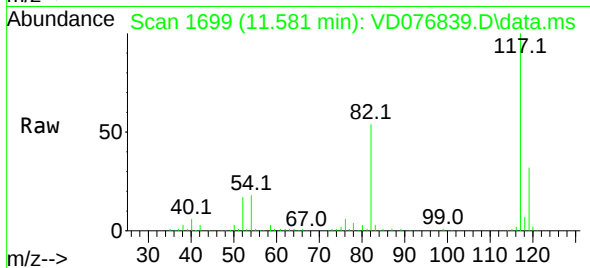
Tgt Ion:117 Resp: 344590

Ion Ratio Lower Upper

117 100

82 54.0 38.3 57.5

119 31.6 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: VD076839.D

Acq: 27 Jul 2023 17:37

Tgt Ion:152 Resp: 147914

Ion Ratio Lower Upper

152 100

115 58.1 27.1 81.3

150 158.1 0.0 353.6

