

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD073123\
 Data File : VD076881.D
 Acq On : 31 Jul 2023 18:21
 Operator : KP/SY
 Sample : 03842-03
 Misc : 5.01G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 350

Quant Time: Aug 01 02:13:23 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	165918	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	323711	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	307766	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	134719	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	85387	51.668	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	103.340%
35) Dibromofluoromethane	7.804	113	105387	51.807	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.620%
50) Toluene-d8	10.269	98	403461	55.442	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	110.880%
62) 4-Bromofluorobenzene	12.575	95	111939	47.549	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	95.100%

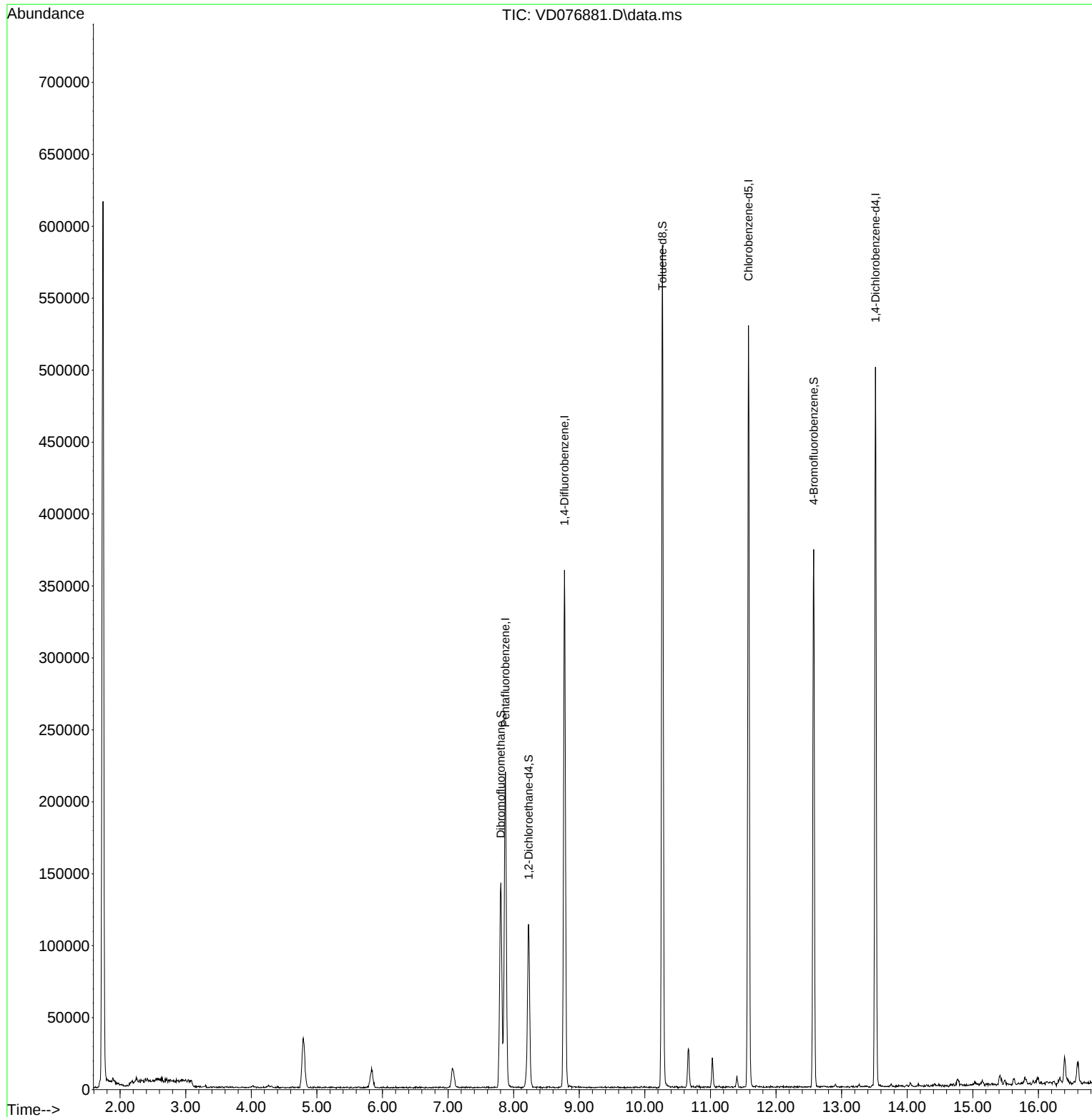
Target Compounds	Qvalue

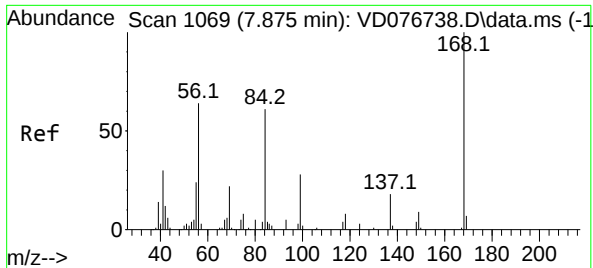
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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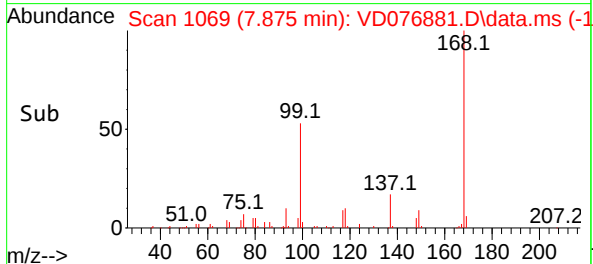
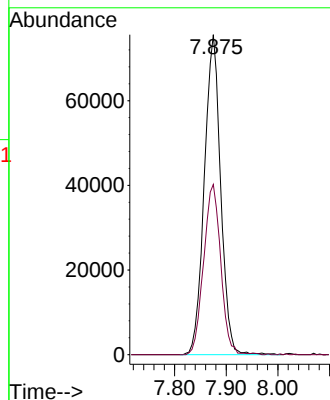
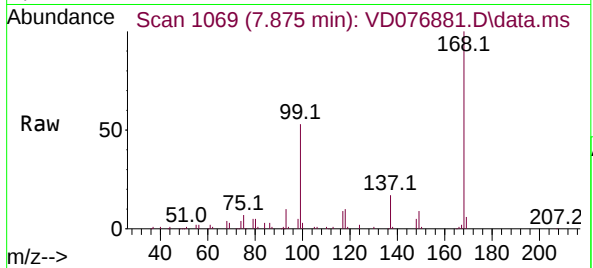




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD076881.D
Acq: 31 Jul 2023 18:21

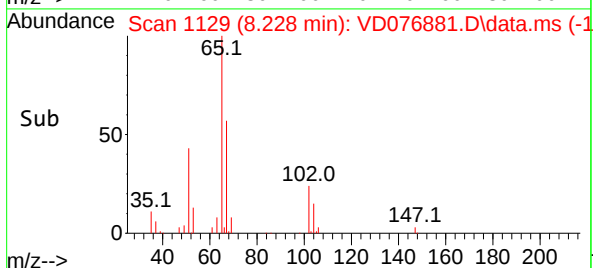
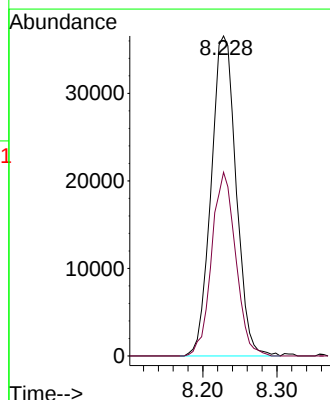
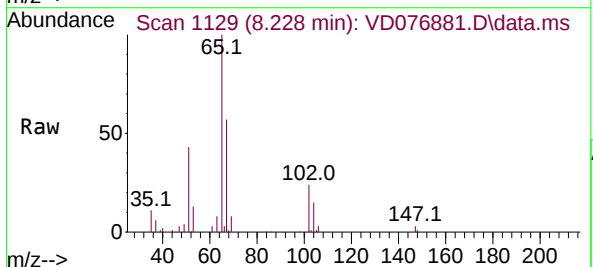
Instrument :
MSVOA_D
ClientSampleId :
350

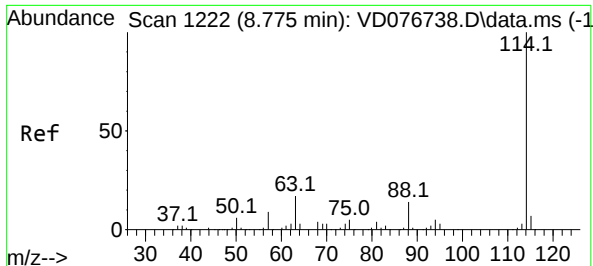
Tgt Ion:168 Resp: 165918
Ion Ratio Lower Upper
168 100
99 53.2 36.7 55.1



#33
1,2-Dichloroethane-d4
Concen: 51.668 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD076881.D
Acq: 31 Jul 2023 18:21

Tgt Ion: 65 Resp: 85387
Ion Ratio Lower Upper
65 100
67 55.4 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: VD076881.D

Acq: 31 Jul 2023 18:21

Instrument :

MSVOA_D

ClientSampleId :

350

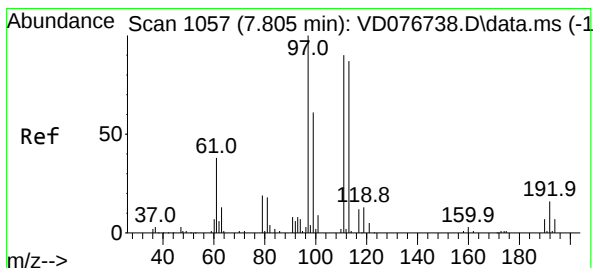
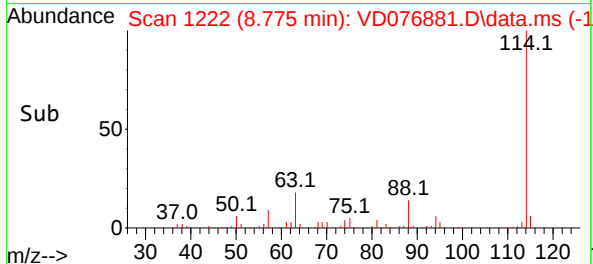
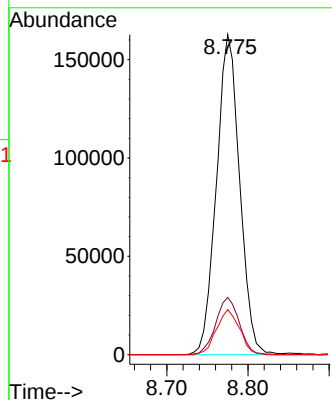
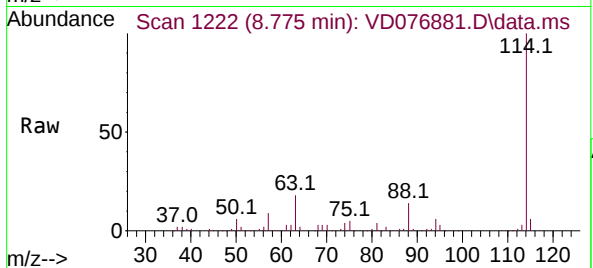
Tgt Ion:114 Resp: 323711

Ion Ratio Lower Upper

114 100

63 17.9 0.0 33.4

88 14.1 0.0 26.2



#35

Dibromofluoromethane

Concen: 51.807 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.001 min

Lab File: VD076881.D

Acq: 31 Jul 2023 18:21

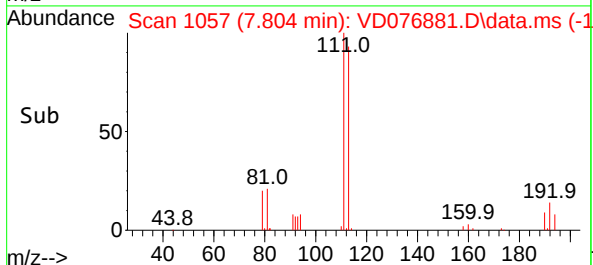
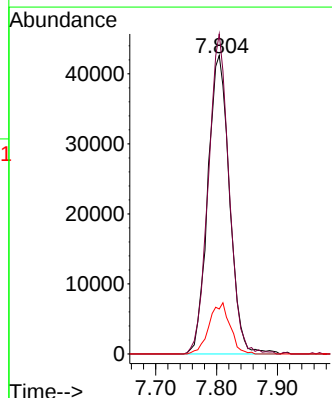
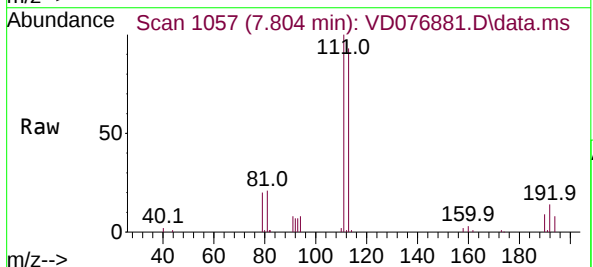
Tgt Ion:113 Resp: 105387

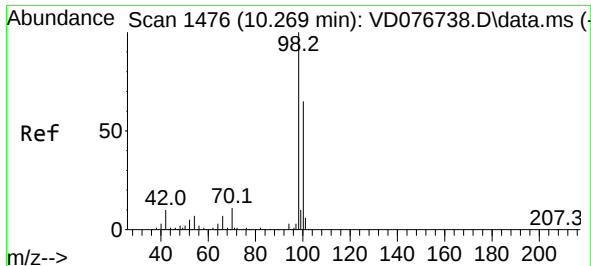
Ion Ratio Lower Upper

113 100

111 102.6 84.7 127.1

192 16.6 16.8 25.2#

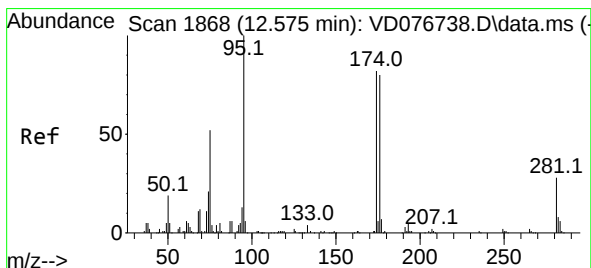
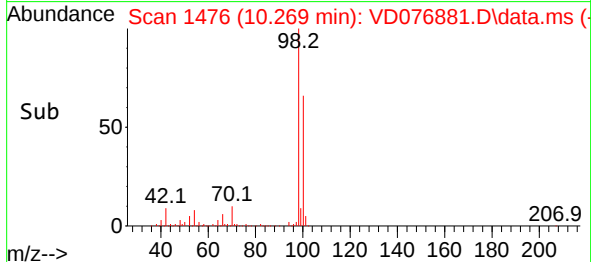
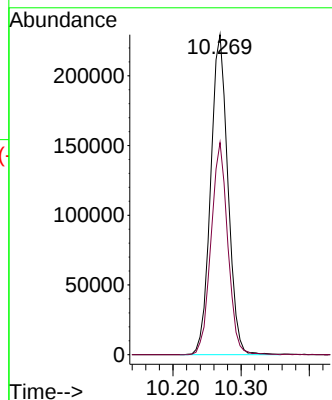
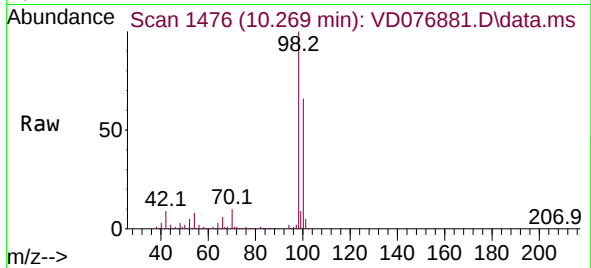




#50
Toluene-d8
Concen: 55.442 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD076881.D
Acq: 31 Jul 2023 18:21

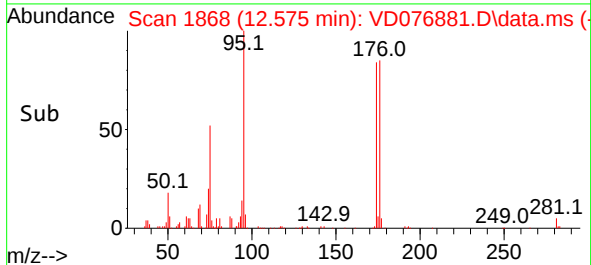
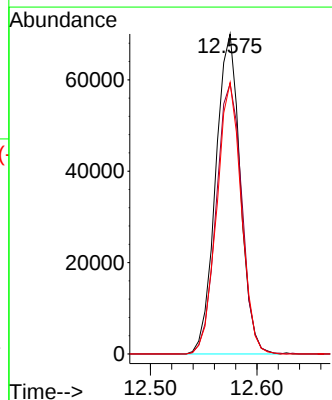
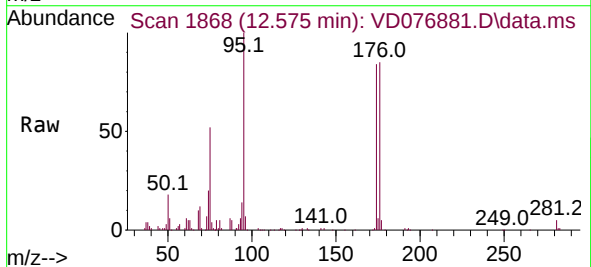
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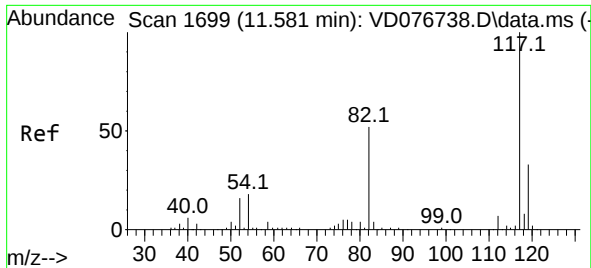
Tgt Ion: 98 Resp: 403461
Ion Ratio Lower Upper
98 100
100 64.4 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 47.549 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076881.D
Acq: 31 Jul 2023 18:21

Tgt Ion: 95 Resp: 111939
Ion Ratio Lower Upper
95 100
174 87.8 0.0 201.8
176 84.6 0.0 191.8

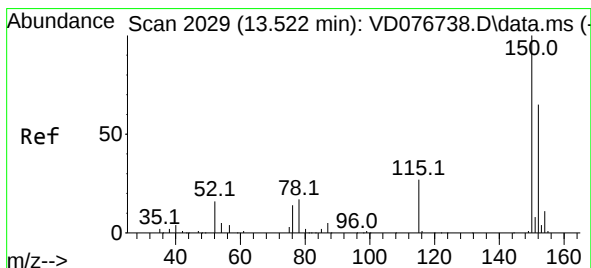
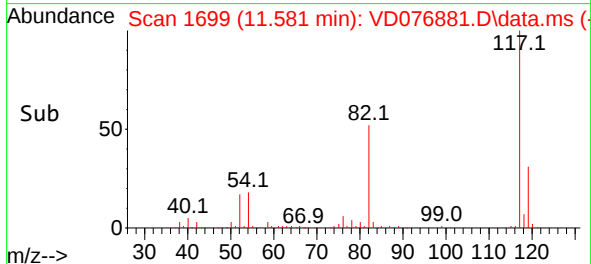
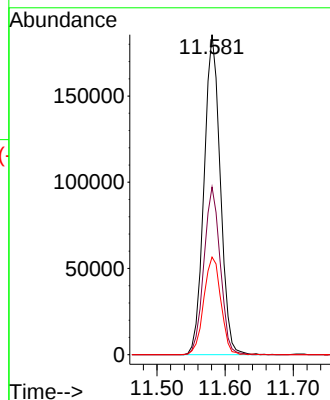
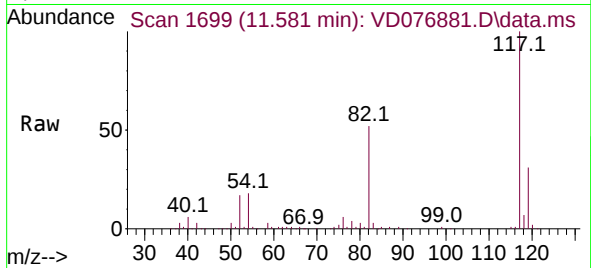




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD076881.D
Acq: 31 Jul 2023 18:21

Instrument :
MSVOA_D
ClientSampleId :
350

Tgt Ion:117 Resp: 307766
Ion Ratio Lower Upper
117 100
82 52.4 38.3 57.5
119 30.5 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: VD076881.D
Acq: 31 Jul 2023 18:21

Tgt Ion:152 Resp: 134719
Ion Ratio Lower Upper
152 100
115 56.7 27.1 81.3
150 153.8 0.0 353.6

