

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080723\
 Data File : VD076939.D
 Acq On : 07 Aug 2023 18:58
 Operator : KP/SY
 Sample : 03903-02
 Misc : 5.05G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MW-02

Quant Time: Aug 08 04:41:29 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	18553	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	37797	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	41111	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	20397	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	13577	73.471	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	146.940%
35) Dibromofluoromethane	7.798	113	12923	54.408	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.820%
50) Toluene-d8	10.269	98	47771	56.221	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	112.440%
62) 4-Bromofluorobenzene	12.575	95	18296	66.561	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	133.120%

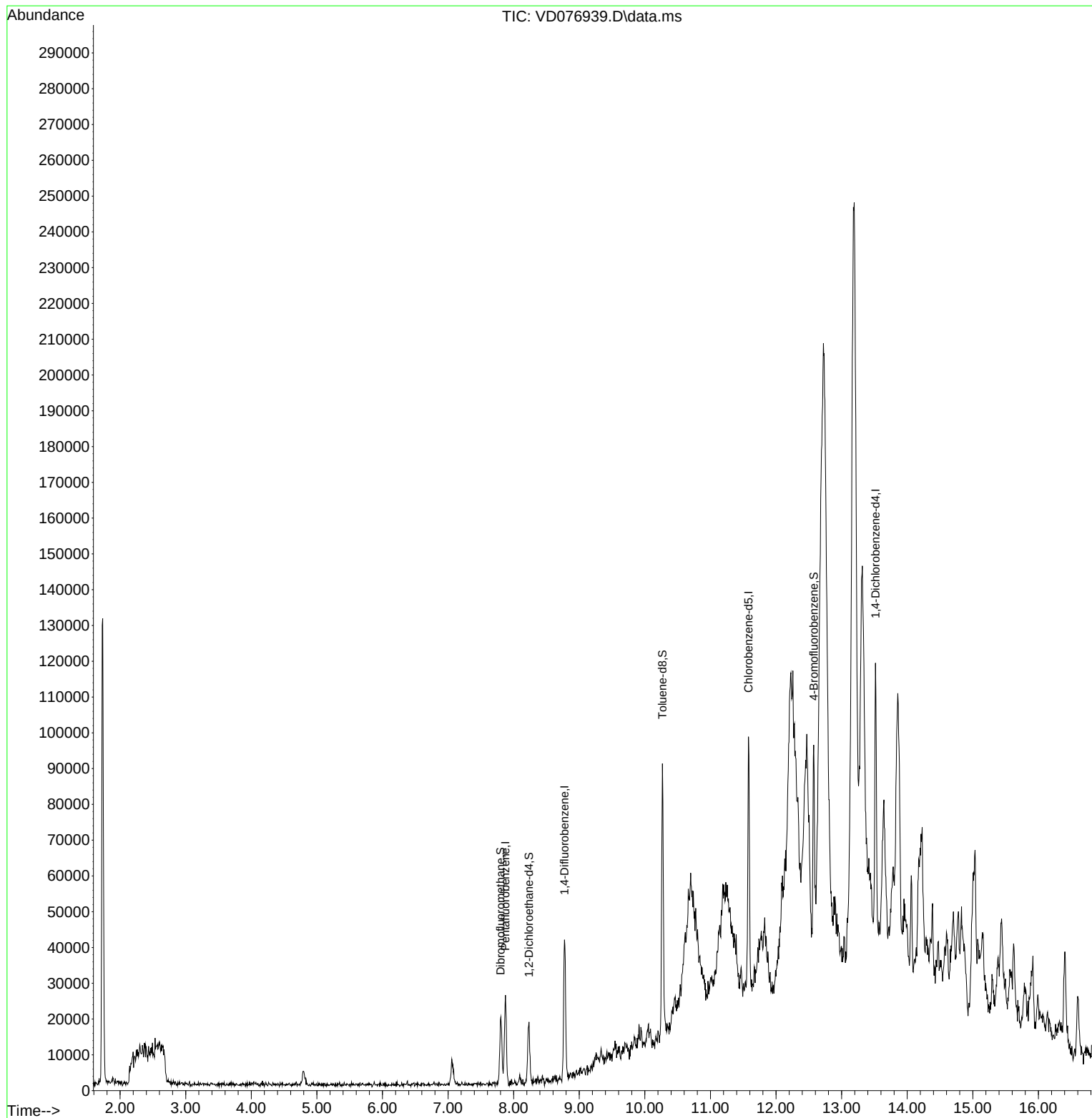
Target Compounds	Qvalue

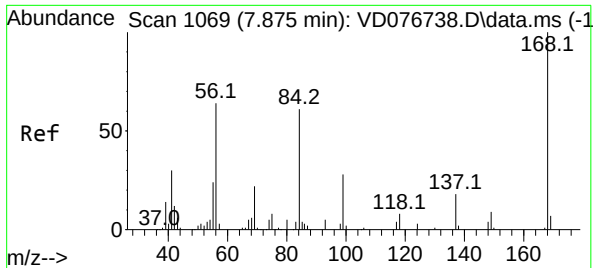
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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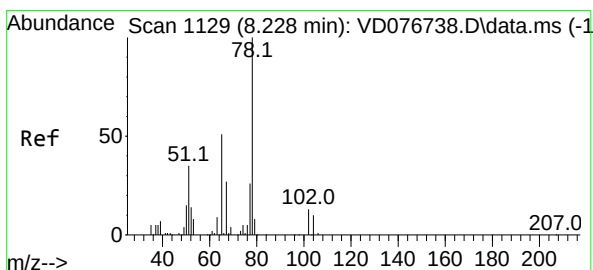
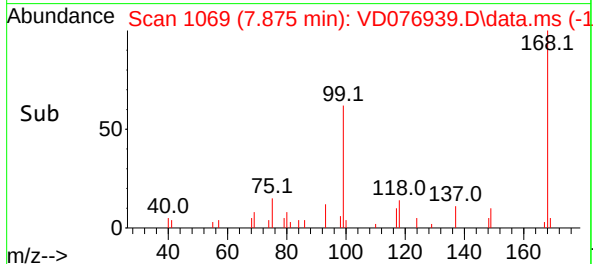
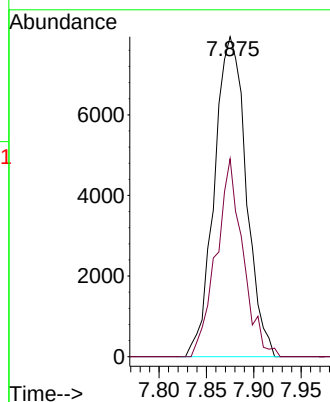
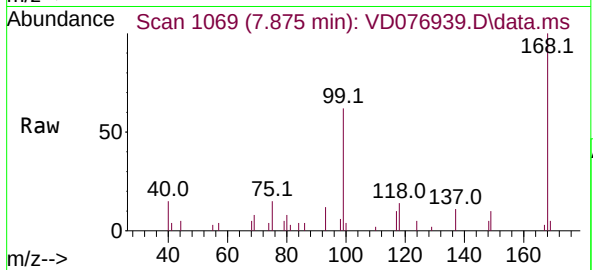




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VD076939.D
Acq: 07 Aug 2023 18:58

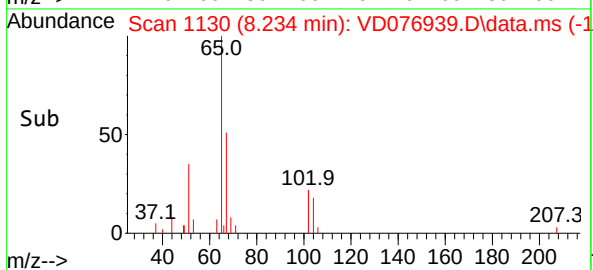
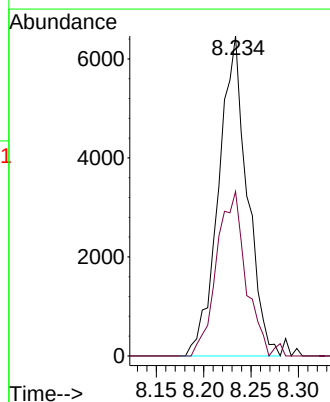
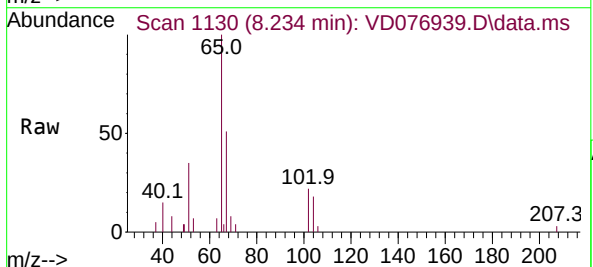
Instrument :
MSVOA_D
ClientSampleId :
MW-02

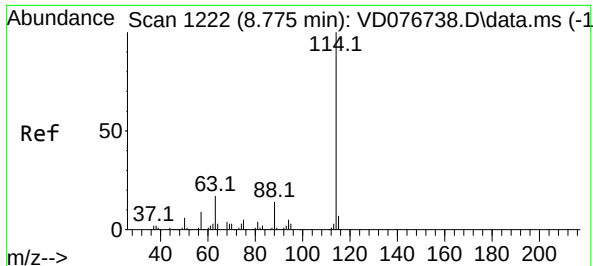
Tgt Ion:168 Resp: 18553
Ion Ratio Lower Upper
168 100
99 61.9 36.7 55.1#



#33
1,2-Dichloroethane-d4
Concen: 73.471 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD076939.D
Acq: 07 Aug 2023 18:58

Tgt Ion: 65 Resp: 13577
Ion Ratio Lower Upper
65 100
67 52.5 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: VD076939.D

Acq: 07 Aug 2023 18:58

Instrument :

MSVOA_D

ClientSampleId :

MW-02

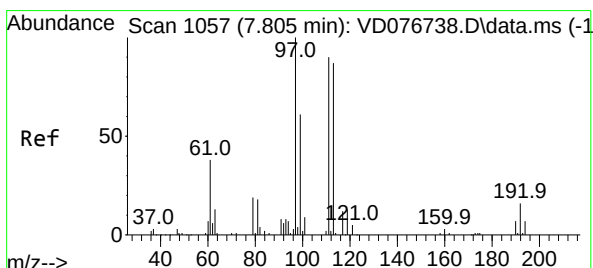
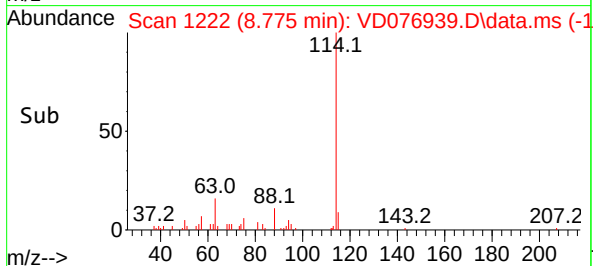
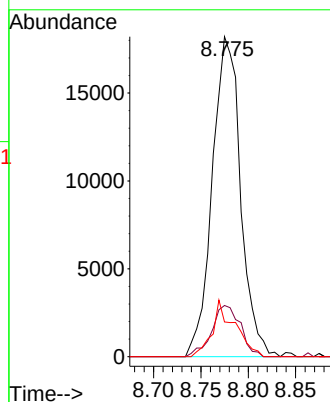
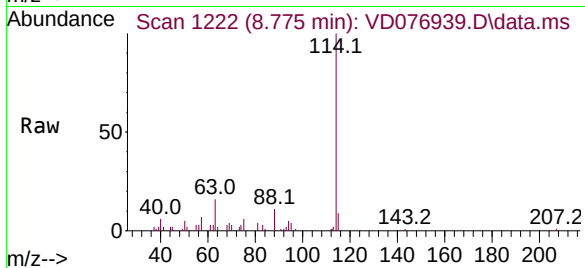
Tgt Ion:114 Resp: 37797

Ion Ratio Lower Upper

114 100

63 16.0 0.0 33.4

88 10.8 0.0 26.2



#35

Dibromofluoromethane

Concen: 54.408 ug/l

RT: 7.798 min Scan# 1056

Delta R.T. -0.007 min

Lab File: VD076939.D

Acq: 07 Aug 2023 18:58

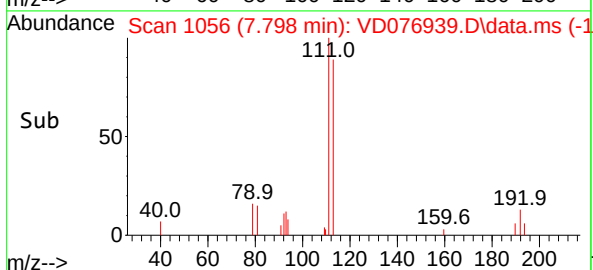
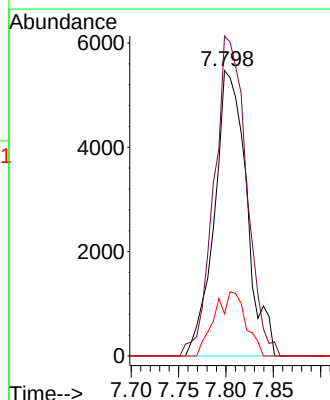
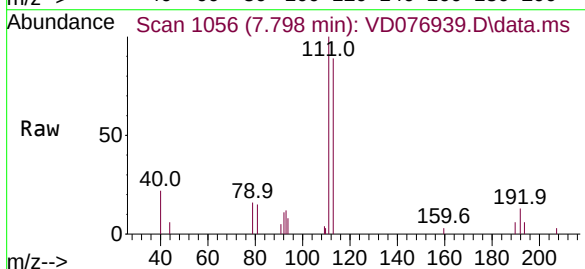
Tgt Ion:113 Resp: 12923

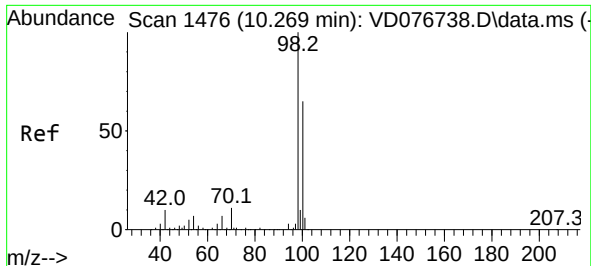
Ion Ratio Lower Upper

113 100

111 112.7 84.7 127.1

192 21.7 16.8 25.2

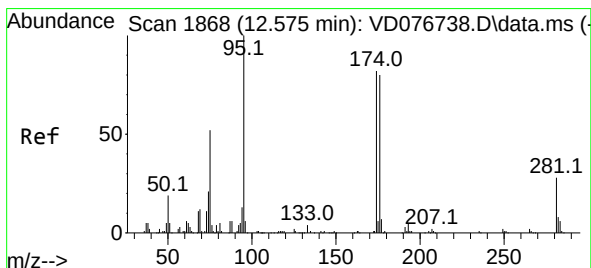
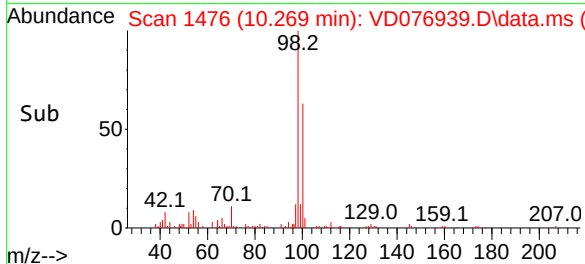
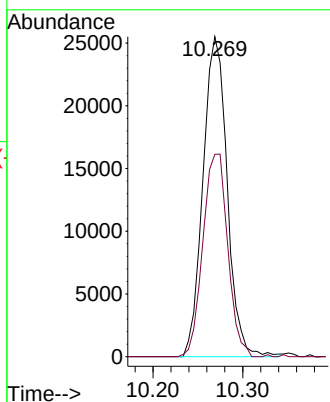
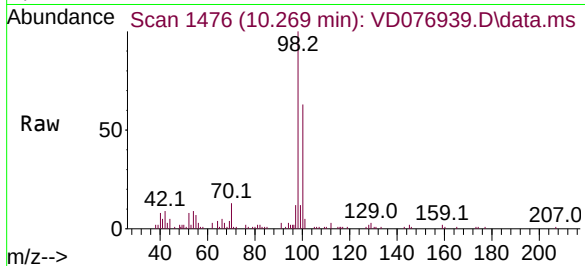




#50
Toluene-d8
Concen: 56.221 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD076939.D
Acq: 07 Aug 2023 18:58

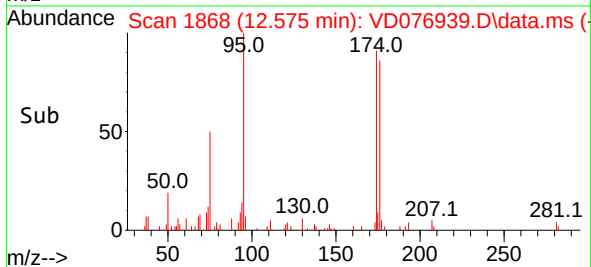
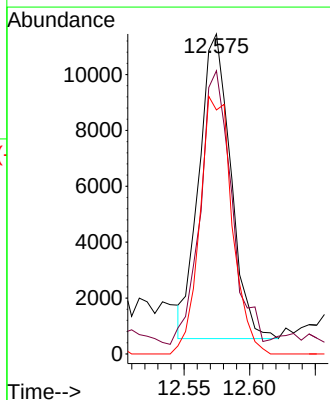
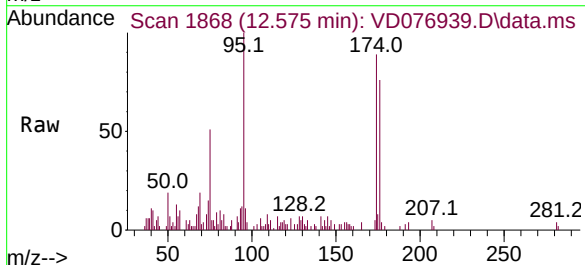
Instrument :
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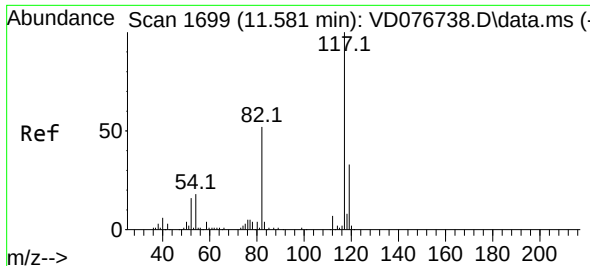
Tgt Ion: 98 Resp: 47771
Ion Ratio Lower Upper
98 100
100 65.0 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 66.561 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076939.D
Acq: 07 Aug 2023 18:58

Tgt Ion: 95 Resp: 18296
Ion Ratio Lower Upper
95 100
174 88.9 0.0 201.8
176 85.9 0.0 191.8

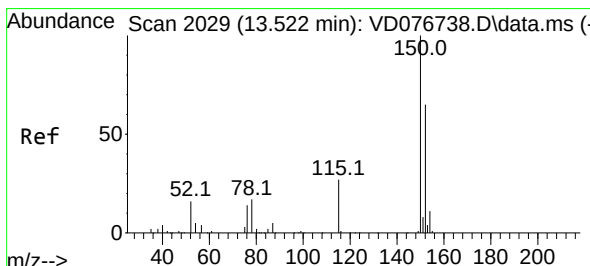
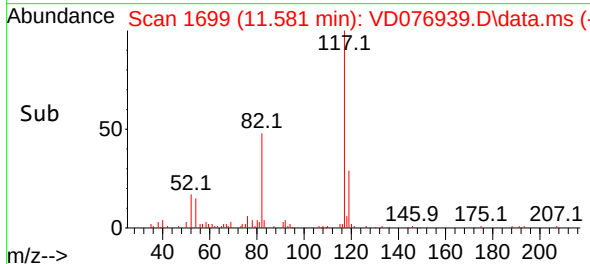
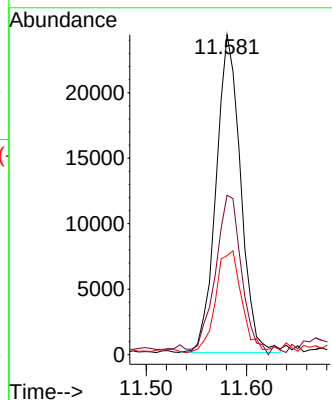
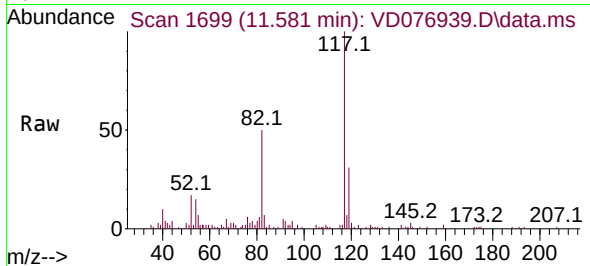




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD076939.D
Acq: 07 Aug 2023 18:58

Instrument :
MSVOA_D
ClientSampleId :
MW-02

Tgt Ion:	117	Resp:	41111
Ion	Ratio	Lower	Upper
117	100		
82	48.8	38.3	57.5
119	30.2	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: VD076939.D
Acq: 07 Aug 2023 18:58

Tgt Ion:	152	Resp:	20397
Ion	Ratio	Lower	Upper
152	100		
115	73.1	27.1	81.3
150	168.6	0.0	353.6

