

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080723\
 Data File : VD076933.D
 Acq On : 07 Aug 2023 16:06
 Operator : KP/SY
 Sample : 03891-05
 Misc : 5.08G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-3

Quant Time: Aug 08 04:40:27 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	124671	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	257643	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	255181	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	117219	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	79495	64.018	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	128.040%
35) Dibromofluoromethane	7.805	113	91190	56.323	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	112.640%
50) Toluene-d8	10.269	98	318431	54.978	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	109.960%
62) 4-Bromofluorobenzene	12.575	95	95654	51.051	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	102.100%

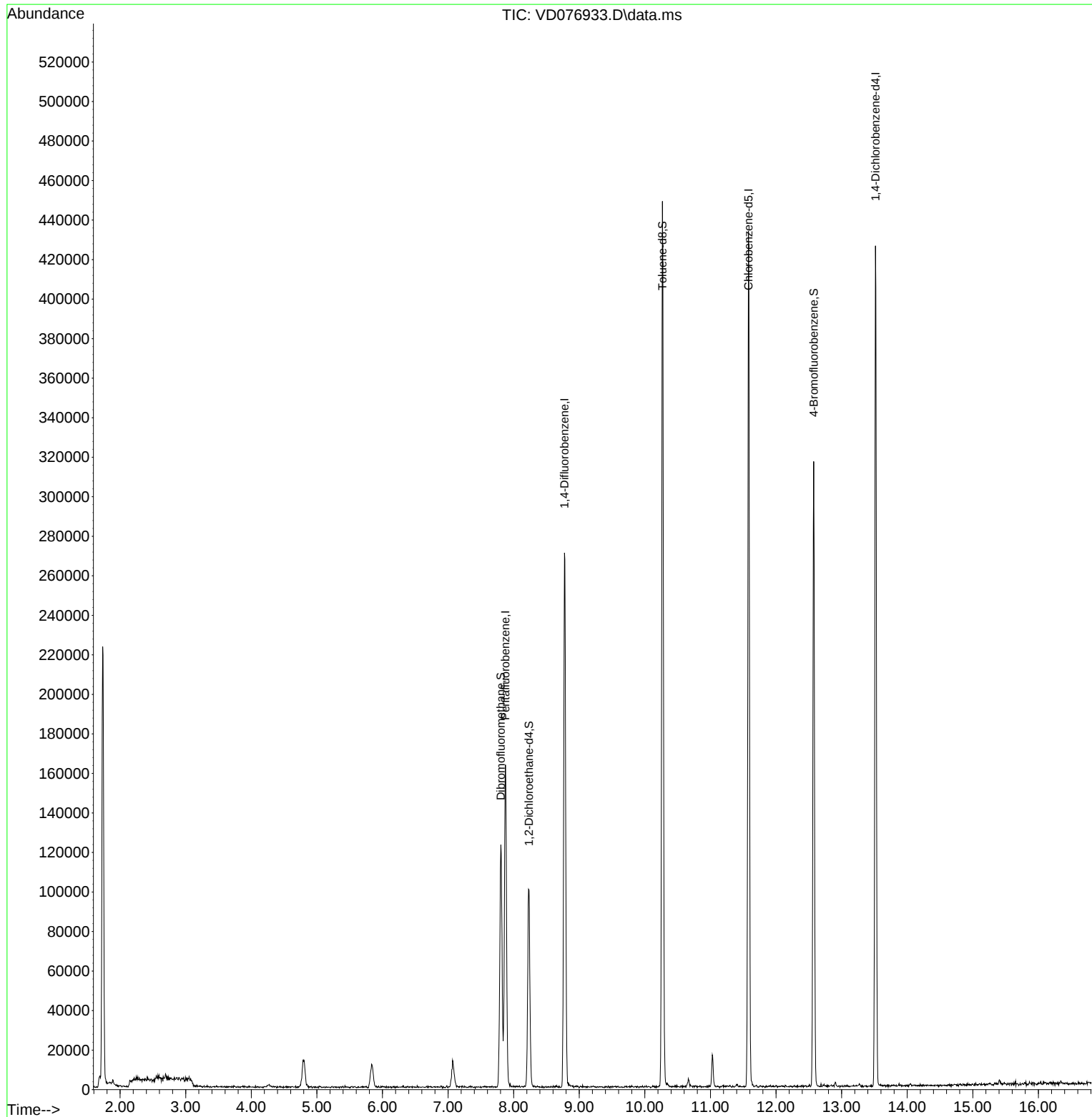
Target Compounds	Qvalue

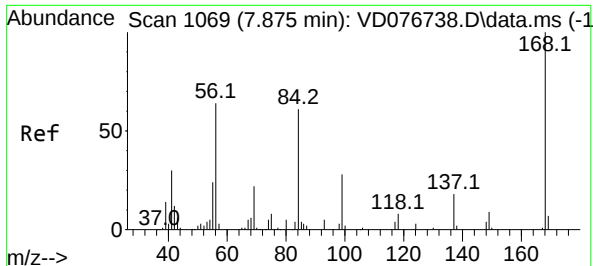
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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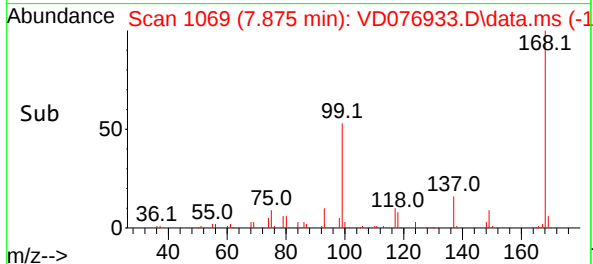
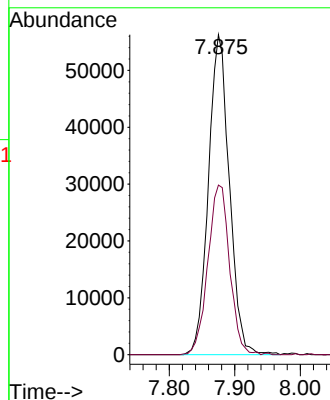
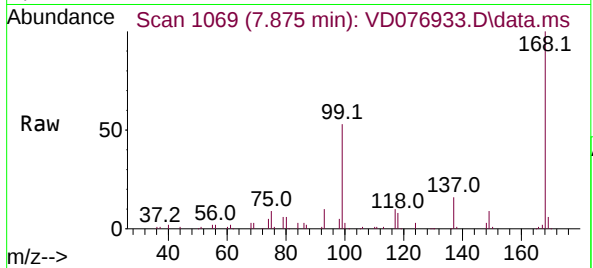




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 110
Delta R.T. 0.000 min
Lab File: VD076933.D
Acq: 07 Aug 2023 16:06

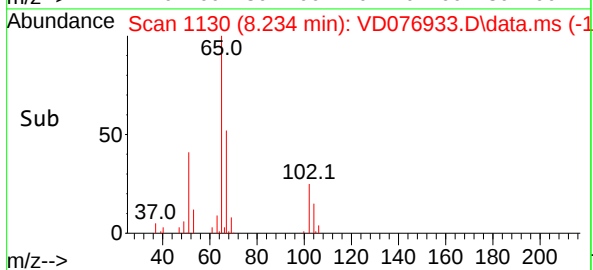
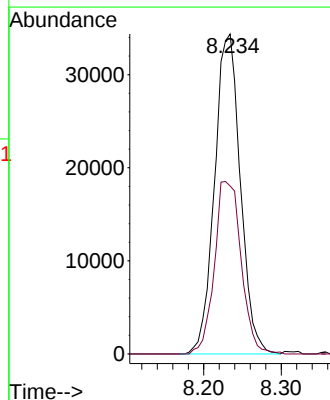
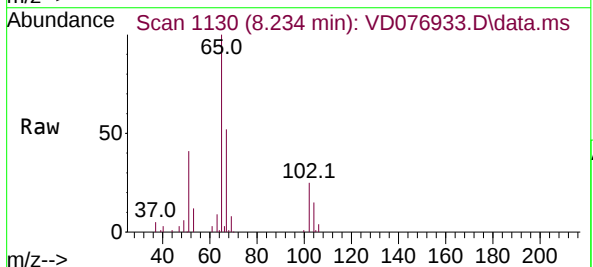
Instrument :
MSVOA_D
ClientSampleId :
TP-3

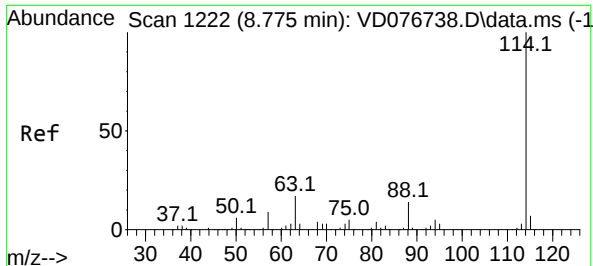
Tgt Ion:168 Resp: 124671
Ion Ratio Lower Upper
168 100
99 53.0 36.7 55.1



#33
1,2-Dichloroethane-d4
Concen: 64.018 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD076933.D
Acq: 07 Aug 2023 16:06

Tgt Ion: 65 Resp: 79495
Ion Ratio Lower Upper
65 100
67 55.9 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: VD076933.D

Acq: 07 Aug 2023 16:06

Instrument :

MSVOA_D

ClientSampleId :

TP-3

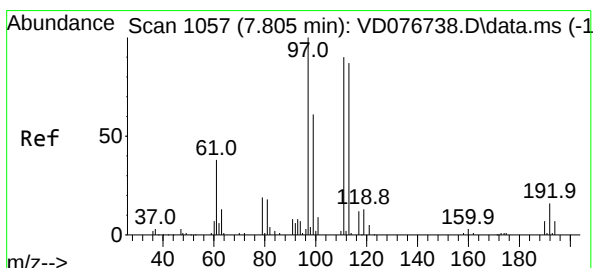
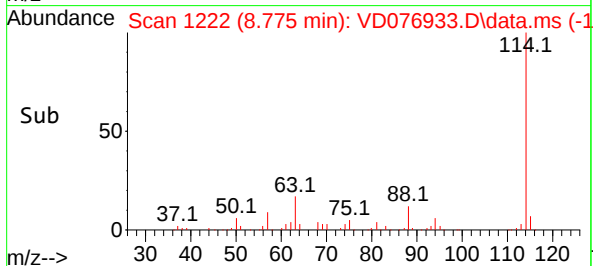
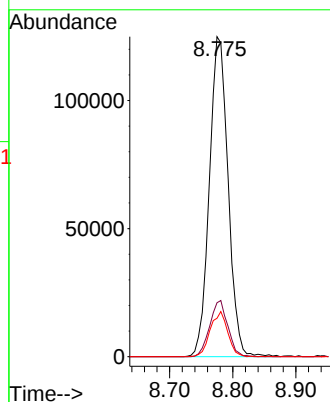
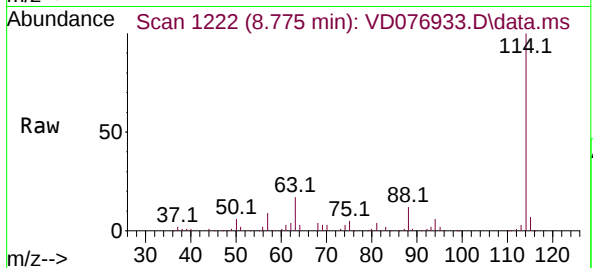
Tgt Ion:114 Resp: 257643

Ion Ratio Lower Upper

114 100

63 16.9 0.0 33.4

88 12.0 0.0 26.2



#35

Dibromofluoromethane

Concen: 56.323 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD076933.D

Acq: 07 Aug 2023 16:06

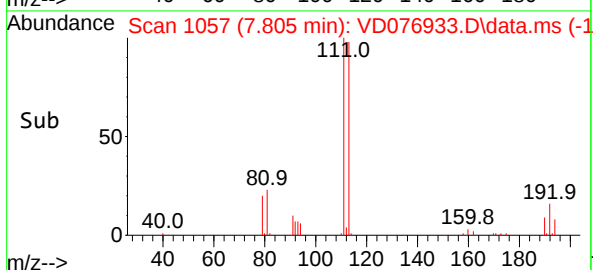
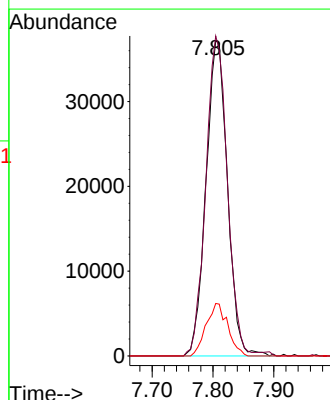
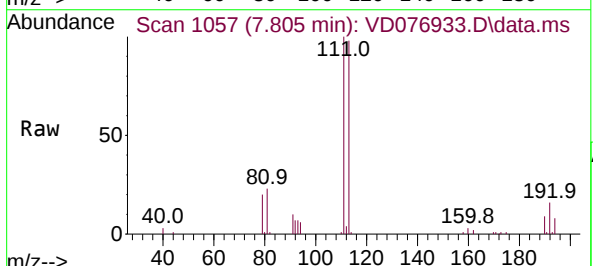
Tgt Ion:113 Resp: 91190

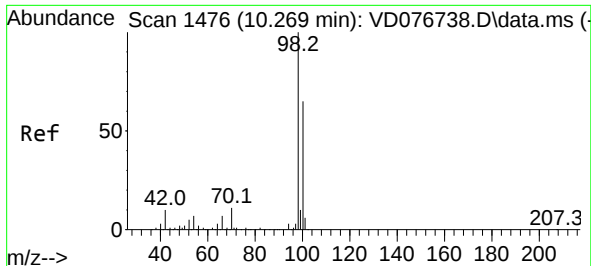
Ion Ratio Lower Upper

113 100

111 101.6 84.7 127.1

192 16.7 16.8 25.2#

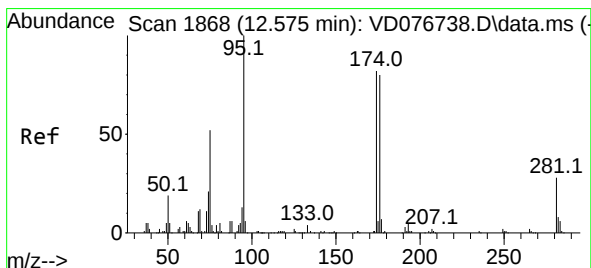
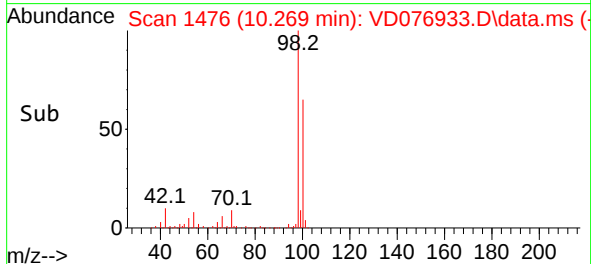
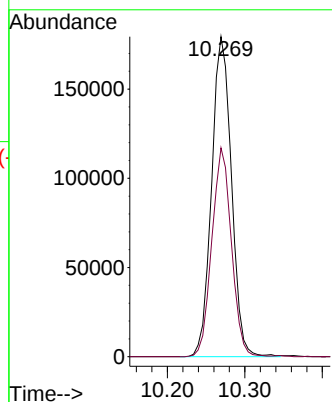
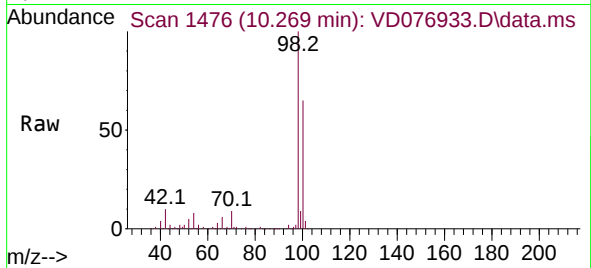




#50
Toluene-d8
Concen: 54.978 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076933.D
Acq: 07 Aug 2023 16:06

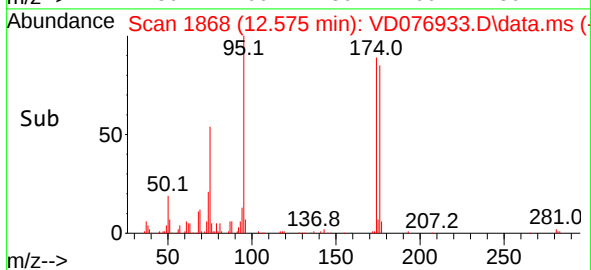
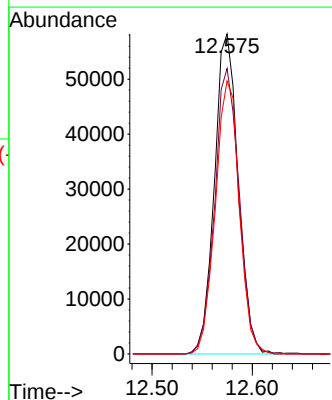
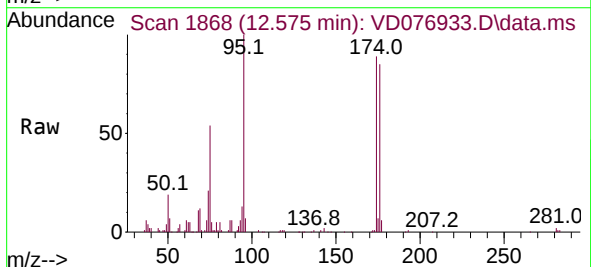
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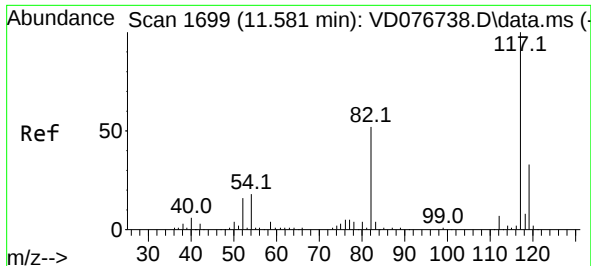
Tgt Ion: 98 Resp: 318431
Ion Ratio Lower Upper
98 100
100 64.4 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 51.051 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076933.D
Acq: 07 Aug 2023 16:06

Tgt Ion: 95 Resp: 95654
Ion Ratio Lower Upper
95 100
174 91.8 0.0 201.8
176 86.1 0.0 191.8

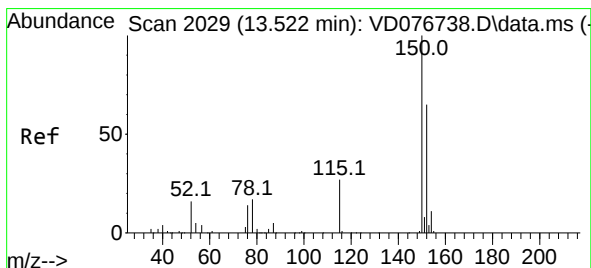
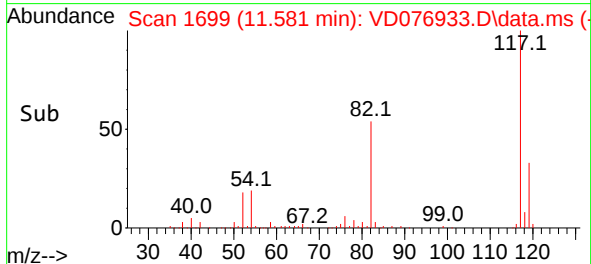
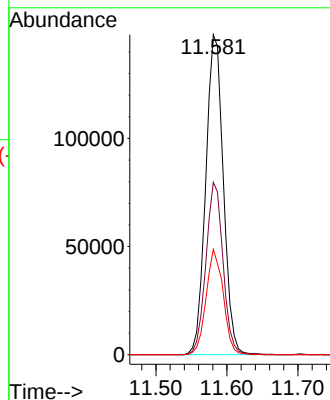
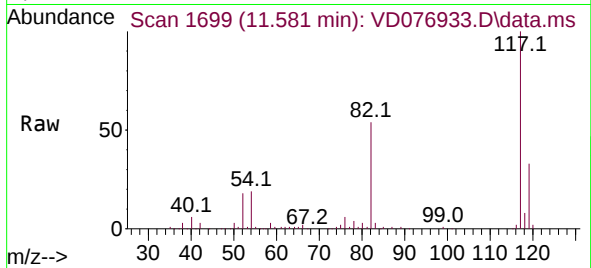




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD076933.D
Acq: 07 Aug 2023 16:06

Instrument :
MSVOA_D
ClientSampleId :
TP-3

Tgt Ion:117 Resp: 255181
Ion Ratio Lower Upper
117 100
82 53.8 38.3 57.5
119 33.0 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: VD076933.D
Acq: 07 Aug 2023 16:06

Tgt Ion:152 Resp: 117219
Ion Ratio Lower Upper
152 100
115 57.8 27.1 81.3
150 156.6 0.0 353.6

