

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052223\
 Data File : VD076181.D
 Acq On : 22 May 2023 17:52
 Operator : KP/SY
 Sample : 02840-02
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1

Quant Time: May 23 01:25:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051523S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 10:08:53 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.875	168	3112	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	5562	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	6757	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	2005	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	1950	64.834	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	129.660%
35) Dibromofluoromethane	7.798	113	2090	54.363	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.720%
50) Toluene-d8	10.269	98	4593	30.646	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	61.300%
62) 4-Bromofluorobenzene	12.575	95	1707	41.002	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	82.000%

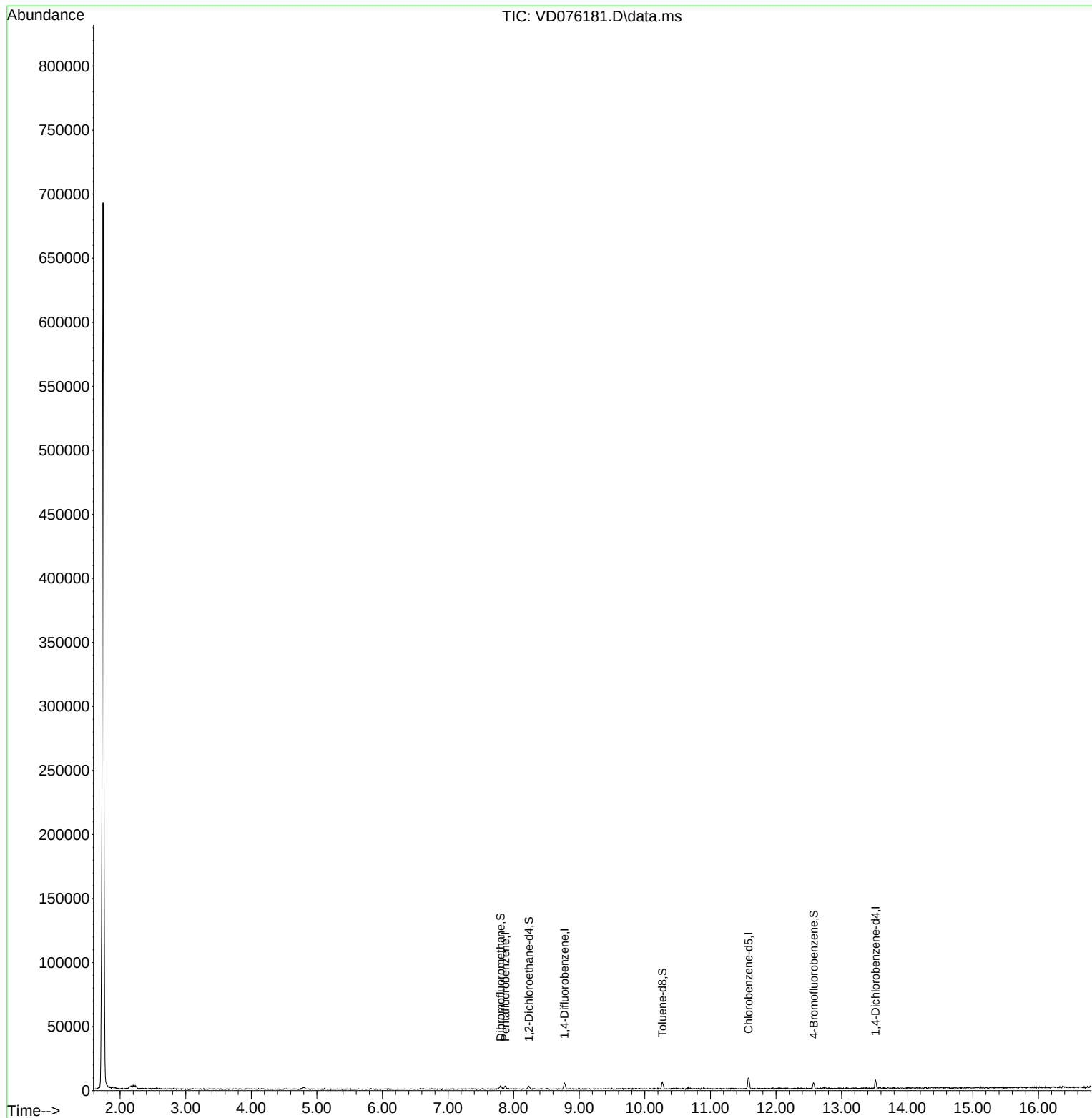
Target Compounds	Qvalue

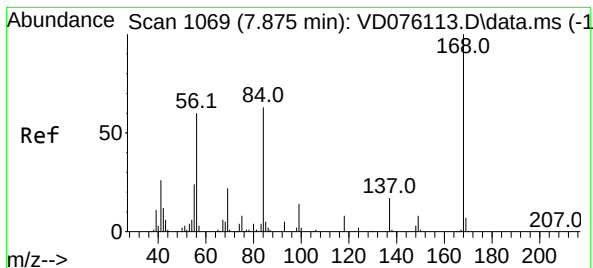
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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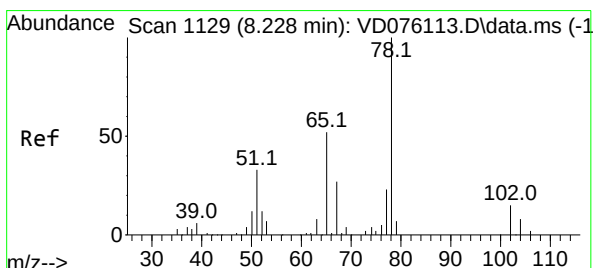
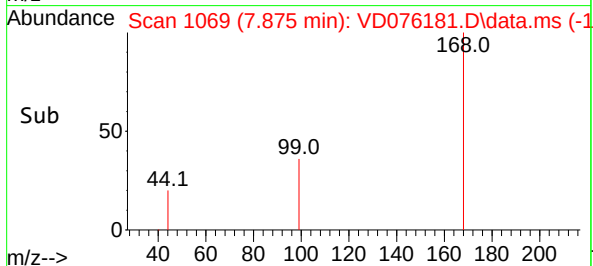
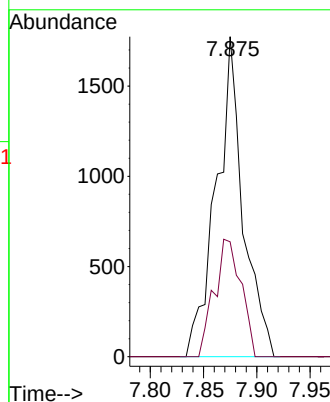
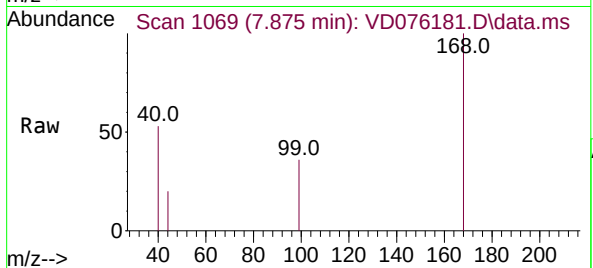




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VD076181.D
Acq: 22 May 2023 17:52

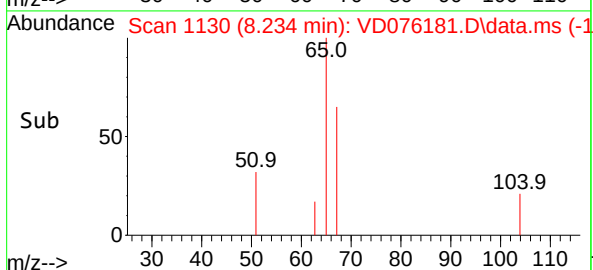
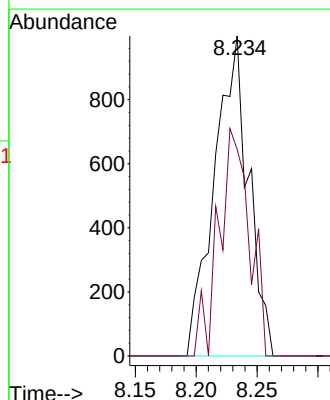
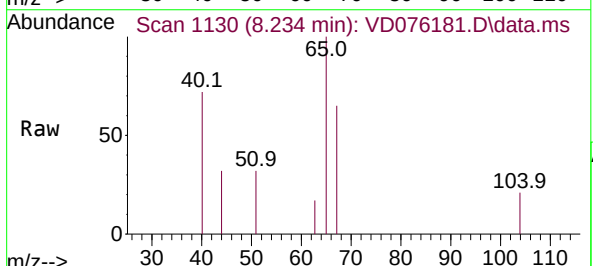
Instrument :
MSVOA_D
ClientSampleId :
TP-1

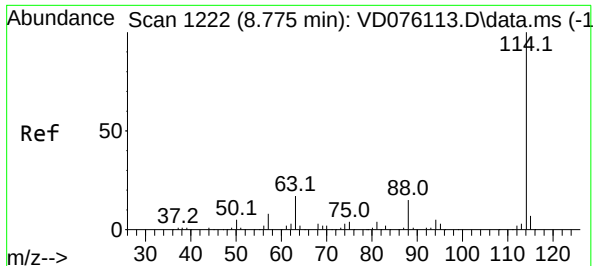
Tgt Ion:168 Resp: 3112
Ion Ratio Lower Upper
168 100
99 35.9 43.8 65.6#



#33
1,2-Dichloroethane-d4
Concen: 64.834 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VD076181.D
Acq: 22 May 2023 17:52

Tgt Ion: 65 Resp: 1950
Ion Ratio Lower Upper
65 100
67 63.9 0.0 102.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD076181.D

Acq: 22 May 2023 17:52

Instrument :

MSVOA_D

ClientSampleId :

TP-1

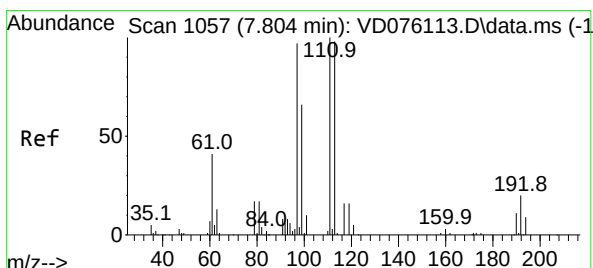
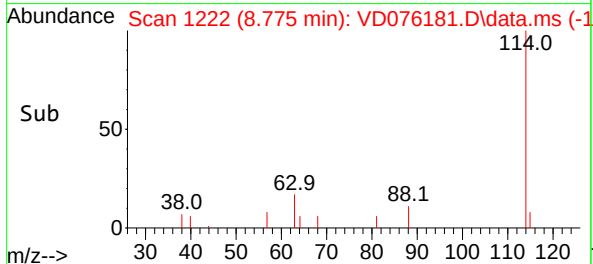
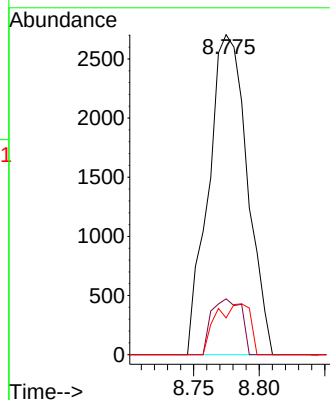
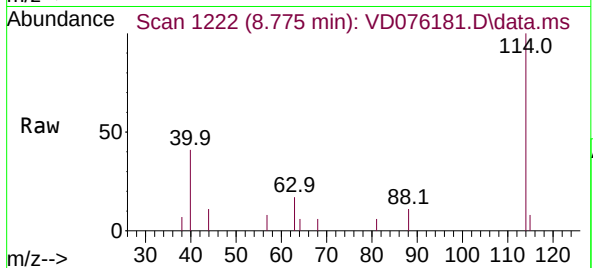
Tgt Ion:114 Resp: 5562

Ion Ratio Lower Upper

114 100

63 17.4 0.0 41.6

88 11.5 0.0 30.6



#35

Dibromofluoromethane

Concen: 54.363 ug/l

RT: 7.798 min Scan# 1056

Delta R.T. -0.007 min

Lab File: VD076181.D

Acq: 22 May 2023 17:52

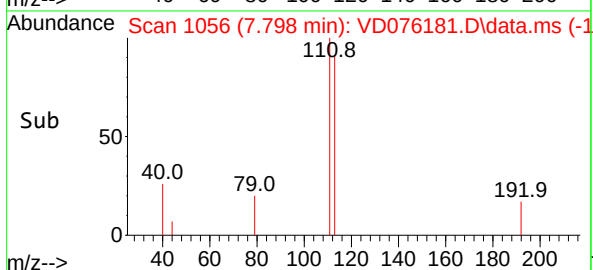
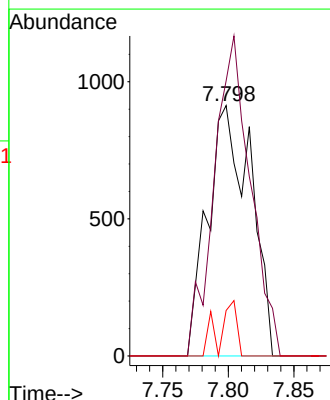
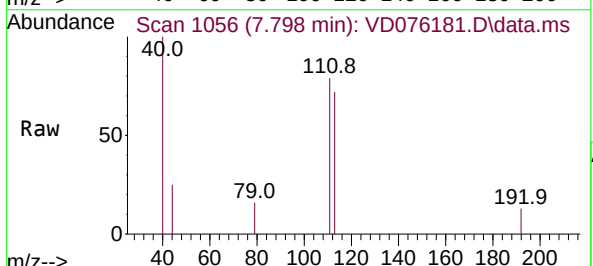
Tgt Ion:113 Resp: 2090

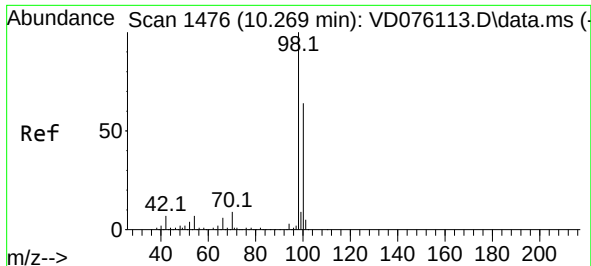
Ion Ratio Lower Upper

113 100

111 107.8 81.4 122.0

192 8.9 15.2 22.8#

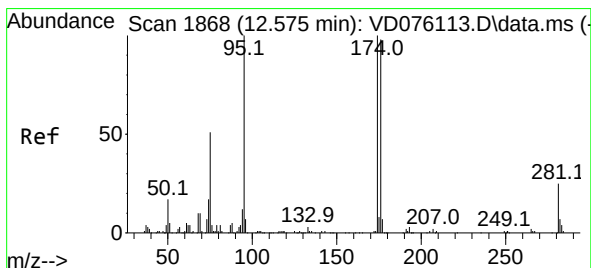
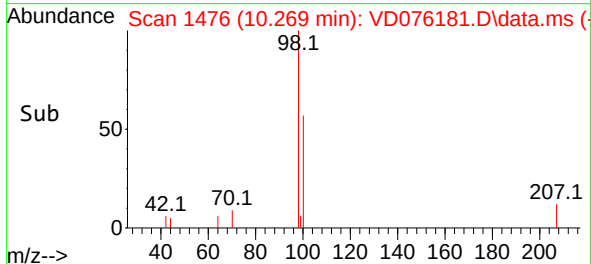
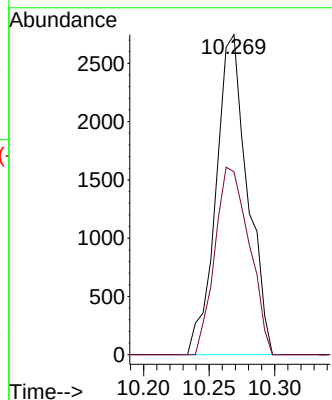
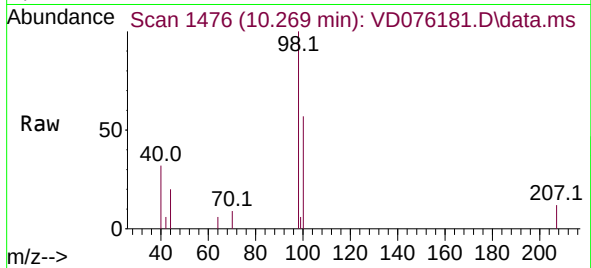




#50
Toluene-d8
Concen: 30.646 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD076181.D
Acq: 22 May 2023 17:52

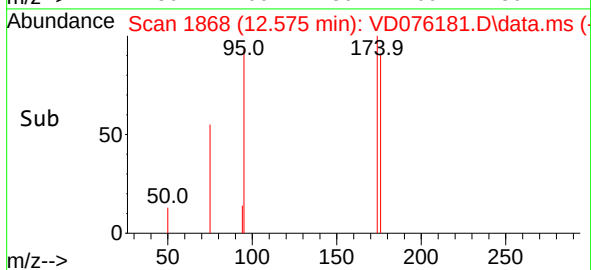
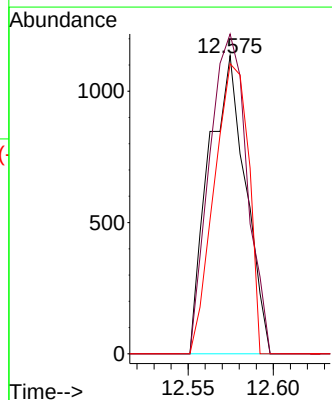
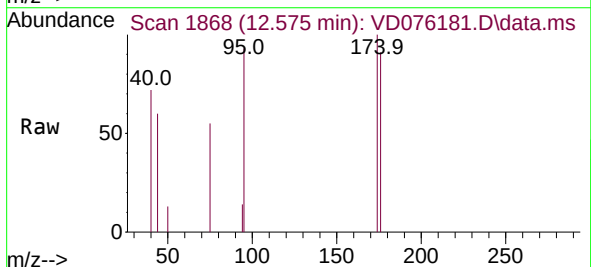
Instrument :
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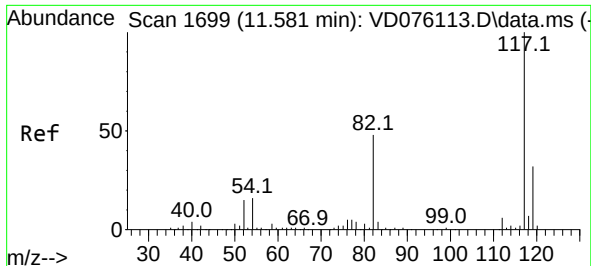
Tgt Ion: 98 Resp: 4593
Ion Ratio Lower Upper
98 100
100 63.9 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 41.002 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076181.D
Acq: 22 May 2023 17:52

Tgt Ion: 95 Resp: 1707
Ion Ratio Lower Upper
95 100
174 109.7 0.0 164.0
176 90.9 0.0 156.8

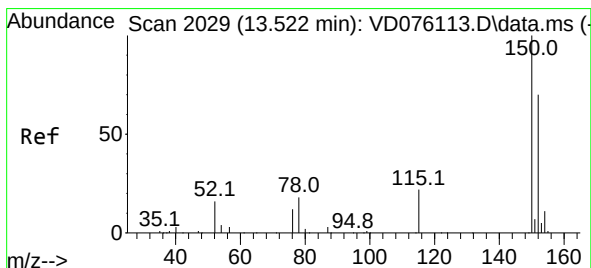
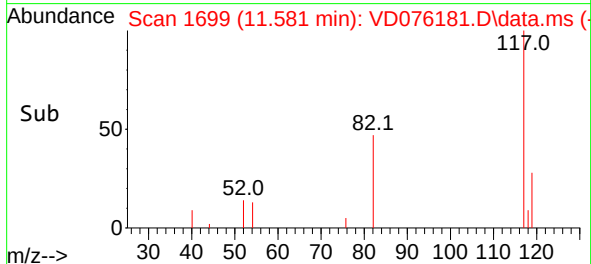
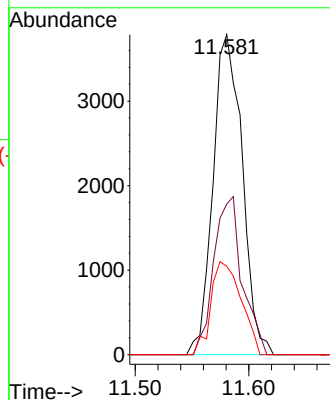
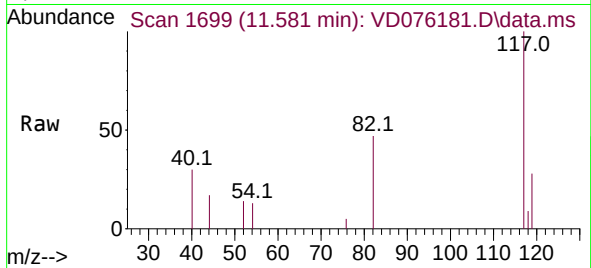




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD076181.D
Acq: 22 May 2023 17:52

Instrument :
MSVOA_D
ClientSampleId :
TP-1

Tgt Ion:117	Resp:	6757
Ion	Ratio	Lower Upper
117	100	
82	47.1	44.0 66.0
119	27.6	25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD076181.D
Acq: 22 May 2023 17:52

Tgt Ion:152	Resp:	2005
Ion	Ratio	Lower Upper
152	100	
115	46.8	30.1 90.3
150	186.9	0.0 364.8

