

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061323\
 Data File : VD076398.D
 Acq On : 13 Jun 2023 11:49
 Operator : KP/SY
 Sample : VD0613SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0613SBL01

Quant Time: Jun 14 05:43:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061223S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 13 02:01:34 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	255215	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	430828	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	379535	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	179162	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	141012	47.836	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.680%
35) Dibromofluoromethane	7.805	113	136816	49.135	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.260%
50) Toluene-d8	10.269	98	515404	48.844	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.680%
62) 4-Bromofluorobenzene	12.575	95	174715	48.264	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	96.520%

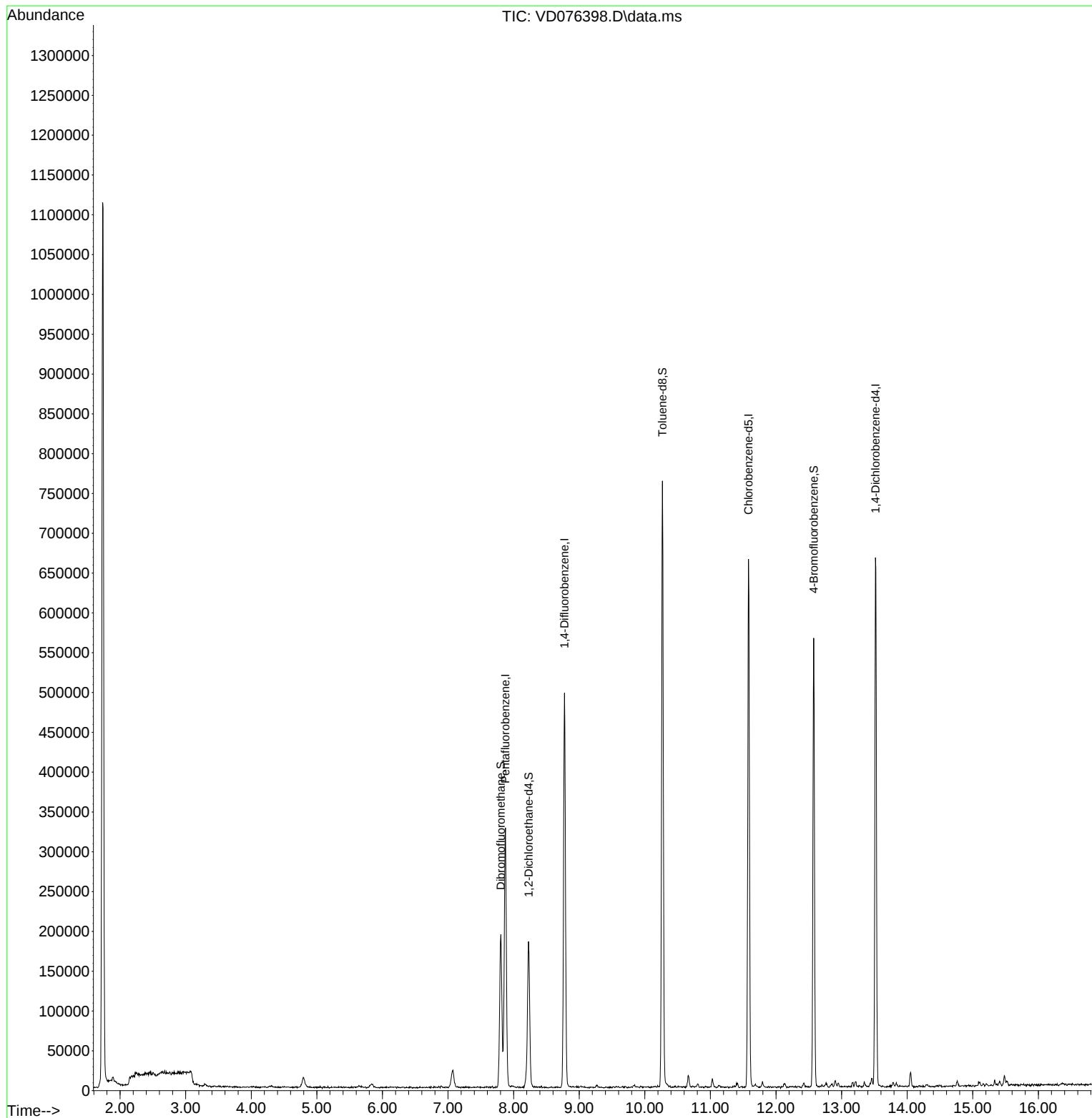
Target Compounds	Qvalue

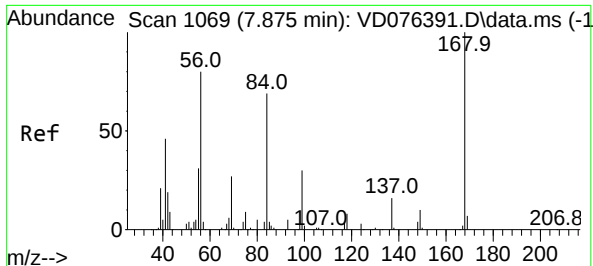
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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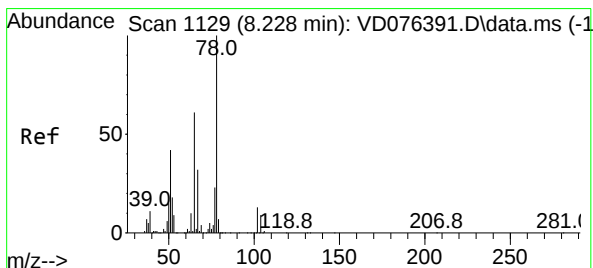
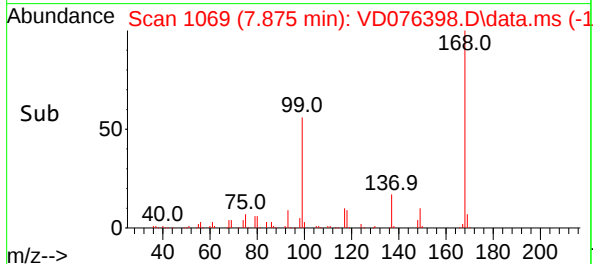
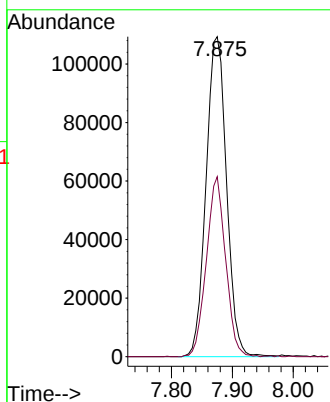
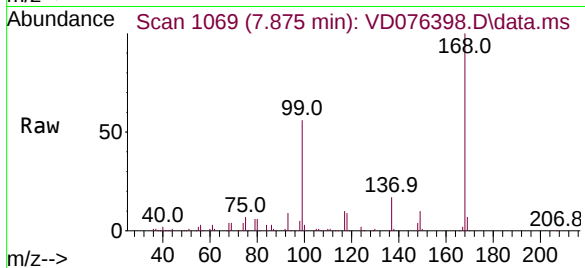




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076398.D
Acq: 13 Jun 2023 11:49

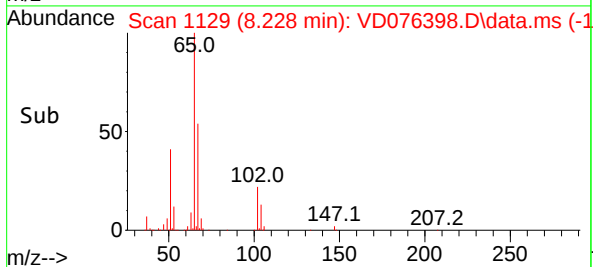
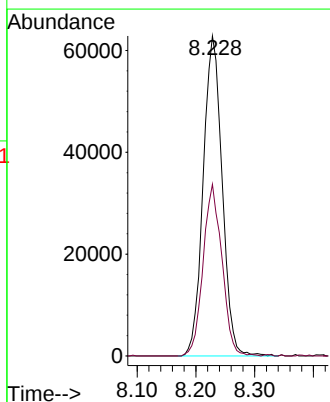
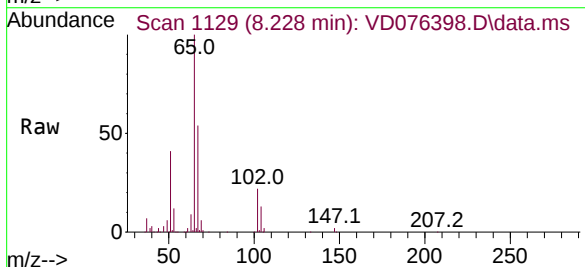
Instrument :
MSVOA_D
ClientSampleId :
VD0613SBL01

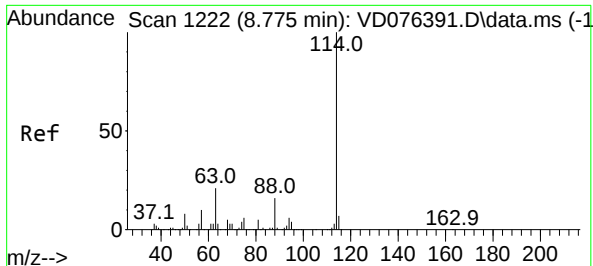
Tgt Ion:168 Resp: 255215
Ion Ratio Lower Upper
168 100
99 56.3 36.7 55.1#



#33
1,2-Dichloroethane-d4
Concen: 47.836 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD076398.D
Acq: 13 Jun 2023 11:49

Tgt Ion: 65 Resp: 141012
Ion Ratio Lower Upper
65 100
67 53.2 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: VD076398.D

Acq: 13 Jun 2023 11:49

Instrument :

MSVOA_D

ClientSampleId :

VD0613SBL01

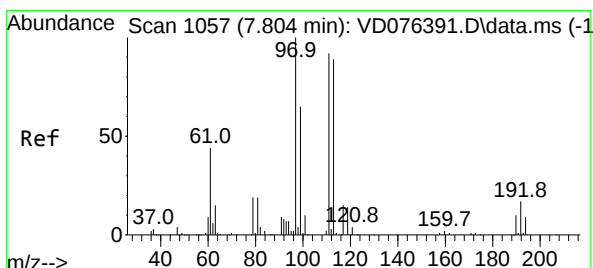
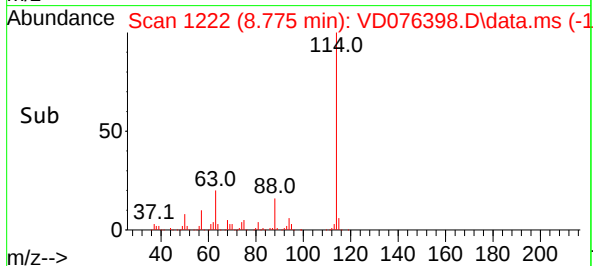
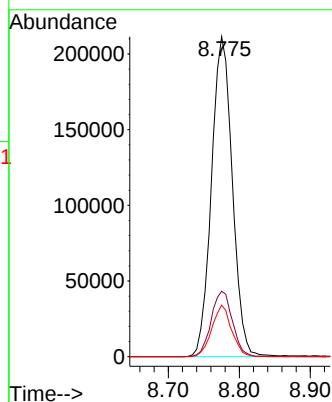
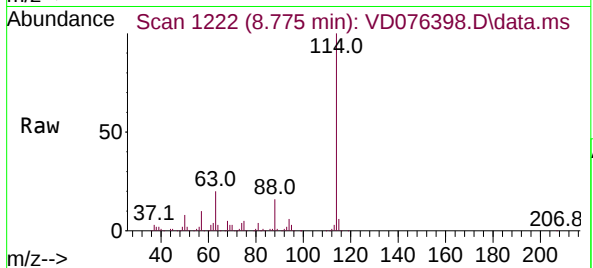
Tgt Ion:114 Resp: 430828

Ion Ratio Lower Upper

114 100

63 20.5 0.0 33.4

88 16.1 0.0 26.2



#35

Dibromofluoromethane

Concen: 49.135 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD076398.D

Acq: 13 Jun 2023 11:49

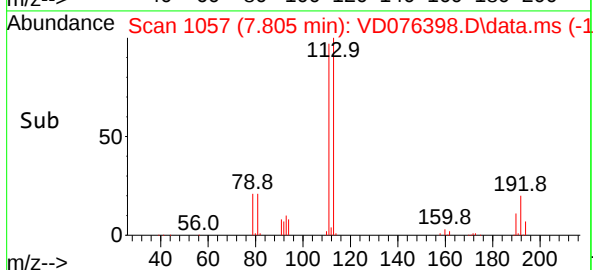
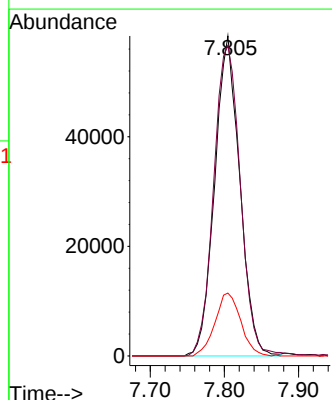
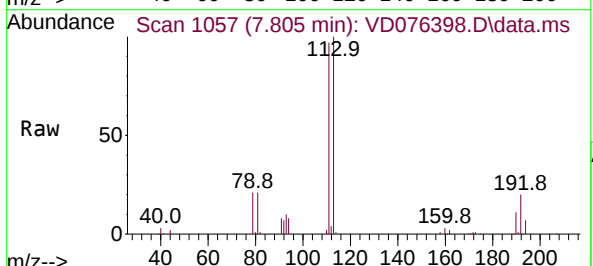
Tgt Ion:113 Resp: 136816

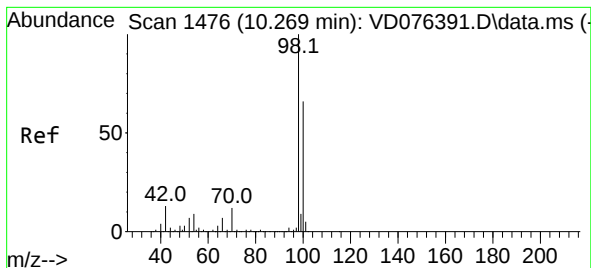
Ion Ratio Lower Upper

113 100

111 103.7 84.7 127.1

192 20.3 16.8 25.2

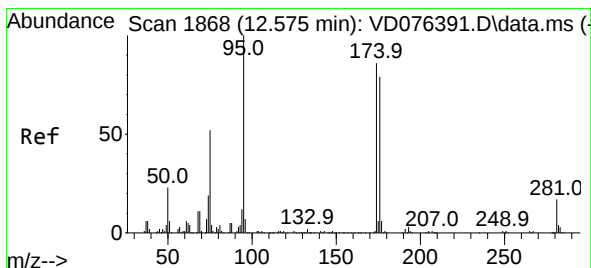
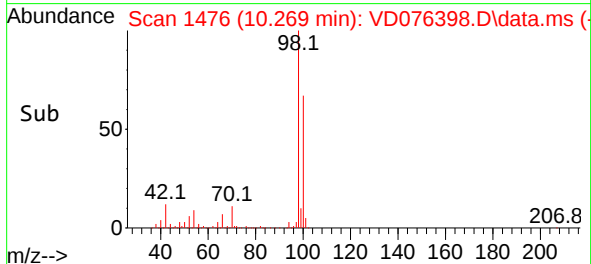
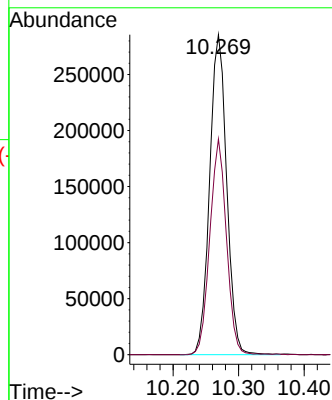
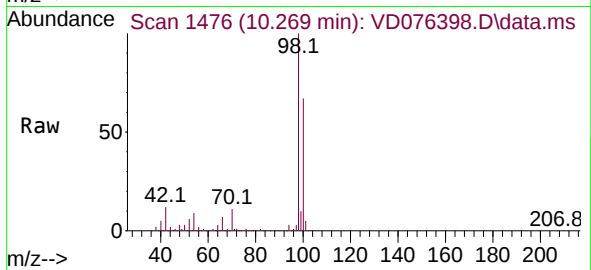




#50
Toluene-d8
Concen: 48.844 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076398.D
Acq: 13 Jun 2023 11:49

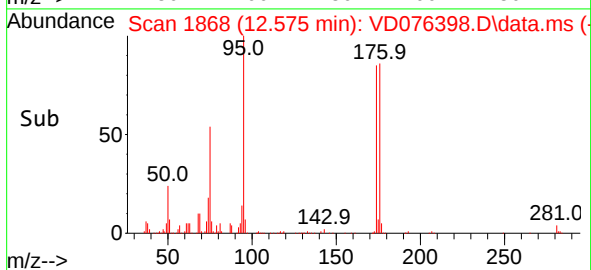
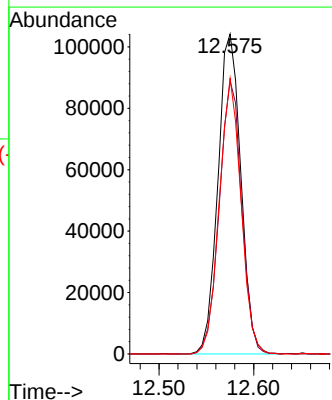
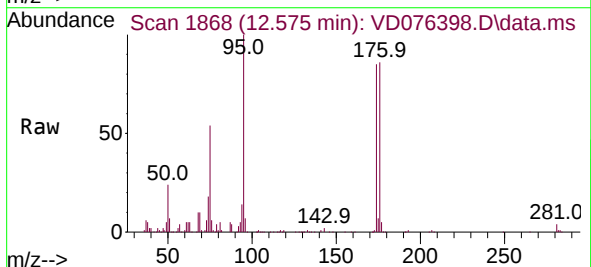
Instrument :
MSVOA_D
ClientSampleId :
VD0613SBL01

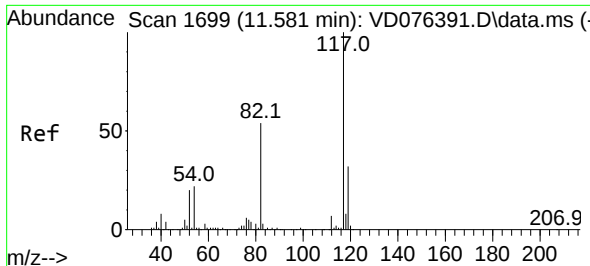
Tgt Ion: 98 Resp: 515404
Ion Ratio Lower Upper
98 100
100 65.7 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 48.264 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD076398.D
Acq: 13 Jun 2023 11:49

Tgt Ion: 95 Resp: 174715
Ion Ratio Lower Upper
95 100
174 83.3 0.0 201.8
176 81.8 0.0 191.8

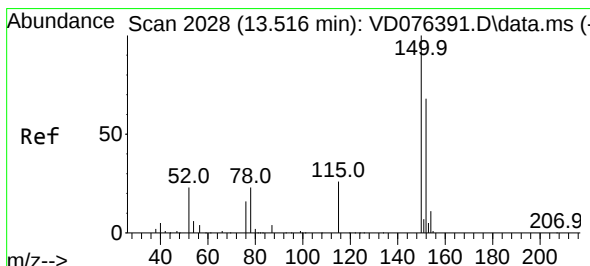
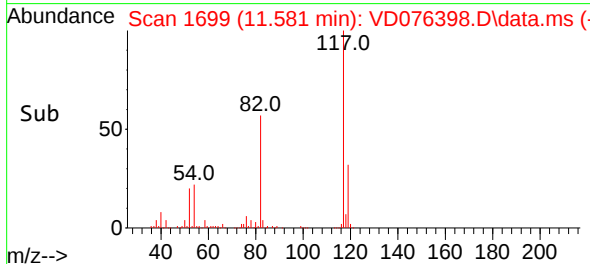
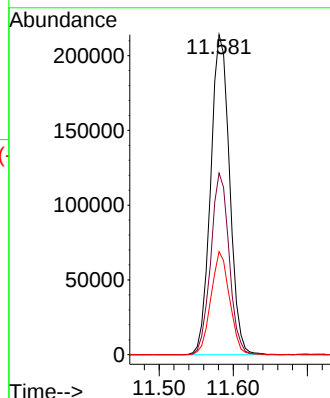
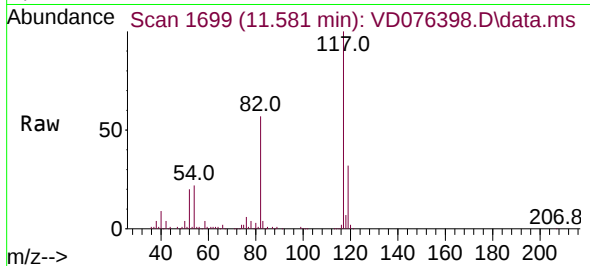




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD076398.D
Acq: 13 Jun 2023 11:49

Instrument :
MSVOA_D
ClientSampleId :
VD0613SBL01

Tgt Ion:117 Resp: 379535
Ion Ratio Lower Upper
117 100
82 56.7 38.3 57.5
119 32.2 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD076398.D
Acq: 13 Jun 2023 11:49

Tgt Ion:152 Resp: 179162
Ion Ratio Lower Upper
152 100
115 55.8 27.1 81.3
150 156.3 0.0 353.6

