

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060223\
 Data File : VD076312.D
 Acq On : 02 Jun 2023 14:27
 Operator : KP/SY
 Sample : VD0602SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0602SBL01

Quant Time: Jun 03 02:22:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060123S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 02 05:50:45 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.869	168	155384	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	304374	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	288759	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	126619	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	99342	65.602	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	131.200%
35) Dibromofluoromethane	7.799	113	114115	56.796	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	113.600%
50) Toluene-d8	10.269	98	403730	52.116	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	104.240%
62) 4-Bromofluorobenzene	12.575	95	101678	47.057	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	94.120%

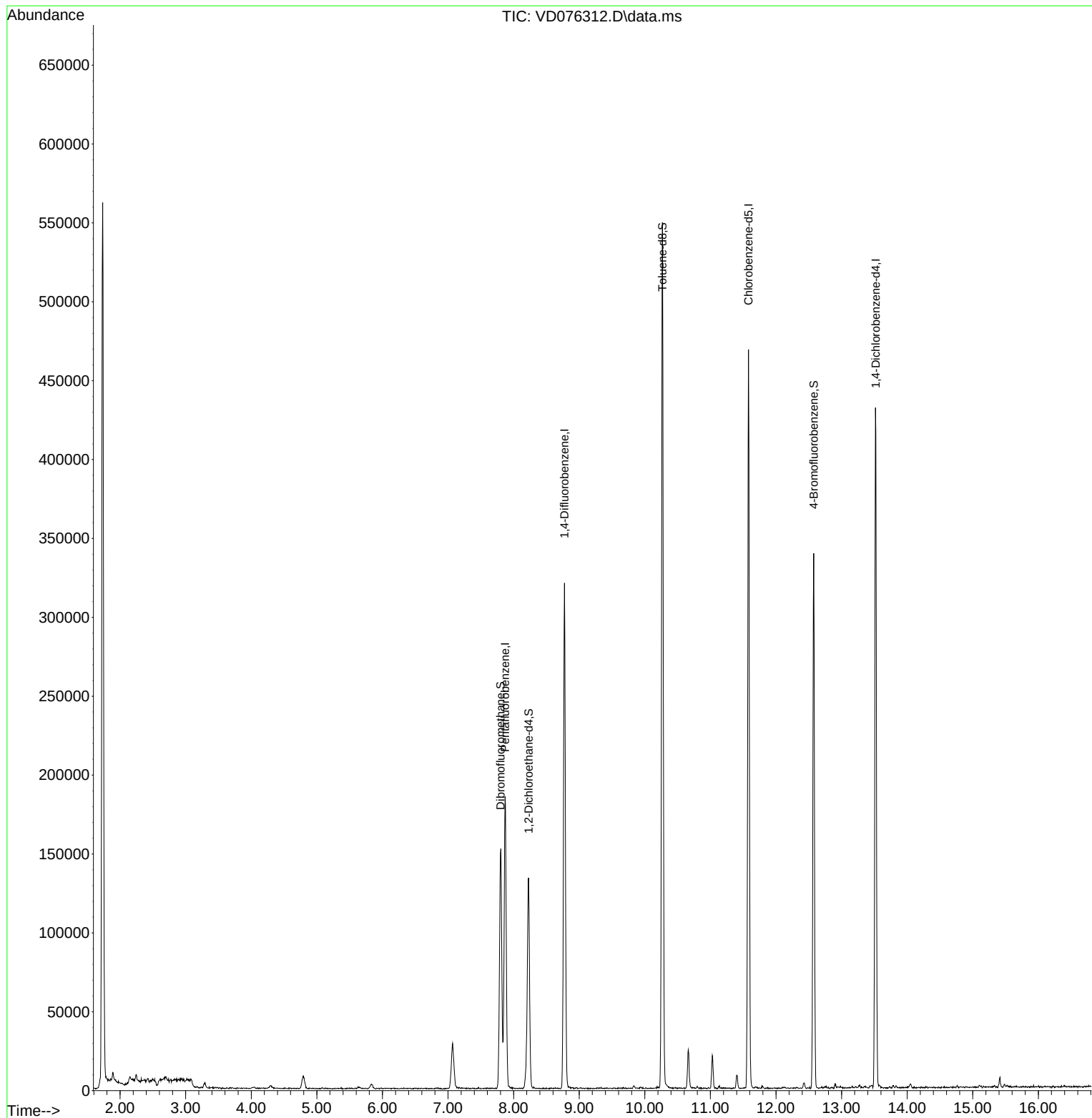
Target Compounds	Qvalue

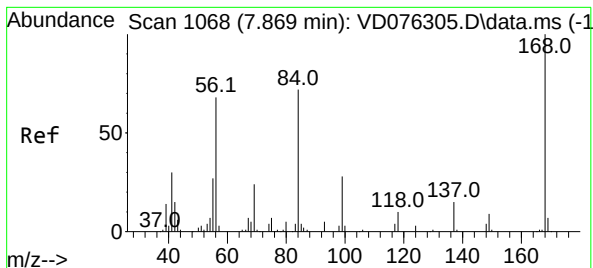
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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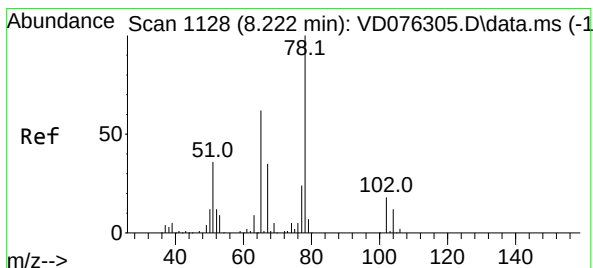
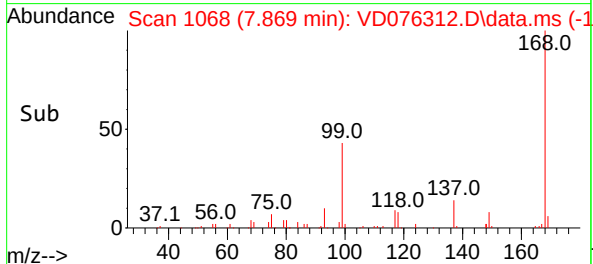
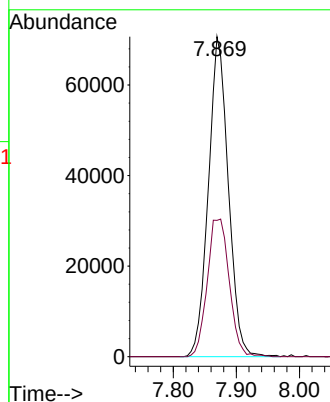
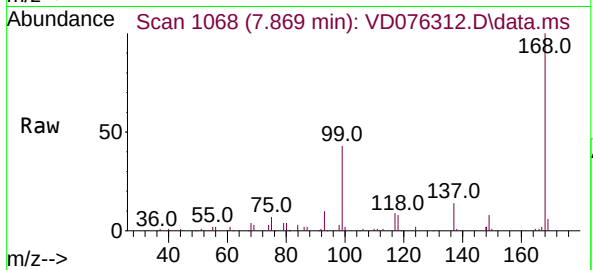




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VD076312.D
Acq: 02 Jun 2023 14:27

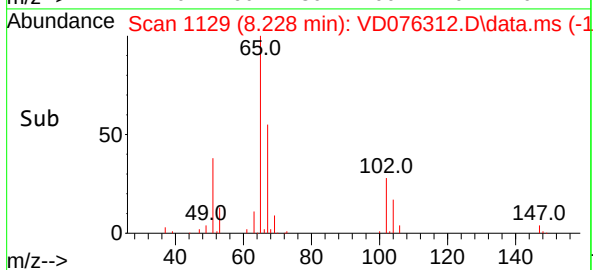
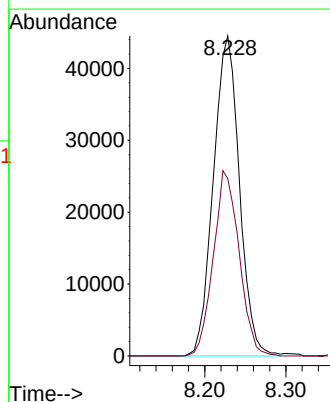
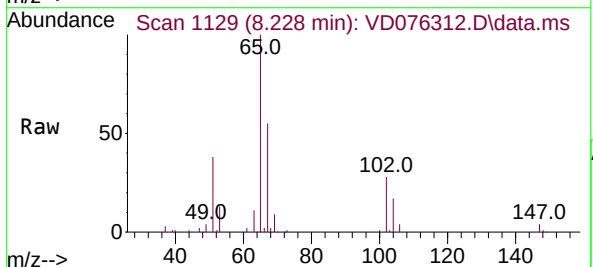
Instrument :
MSVOA_D
ClientSampleId :
VD0602SBL01

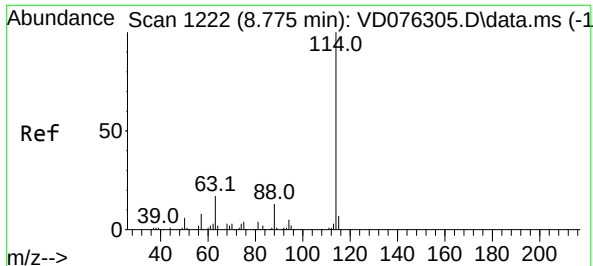
Tgt Ion:168 Resp: 155384
Ion Ratio Lower Upper
168 100
99 42.6 36.7 55.1



#33
1,2-Dichloroethane-d4
Concen: 65.602 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.006 min
Lab File: VD076312.D
Acq: 02 Jun 2023 14:27

Tgt Ion: 65 Resp: 99342
Ion Ratio Lower Upper
65 100
67 57.3 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: VD076312.D

Acq: 02 Jun 2023 14:27

Instrument :

MSVOA_D

ClientSampleId :

VD0602SBL01

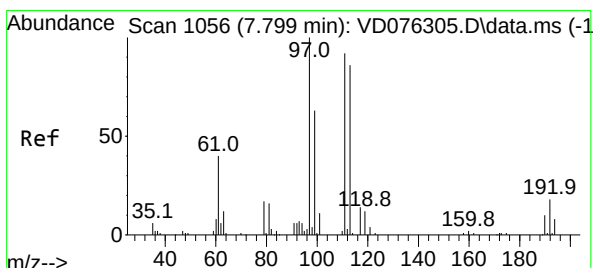
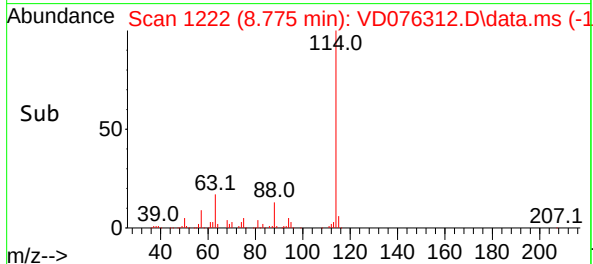
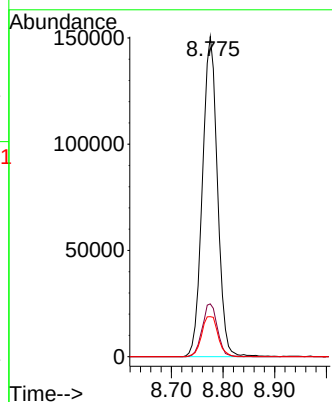
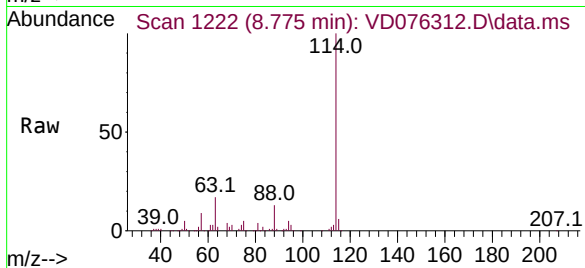
Tgt Ion:114 Resp: 304374

Ion Ratio Lower Upper

114 100

63 16.5 0.0 33.4

88 12.5 0.0 26.2



#35

Dibromofluoromethane

Concen: 56.796 ug/l

RT: 7.799 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VD076312.D

Acq: 02 Jun 2023 14:27

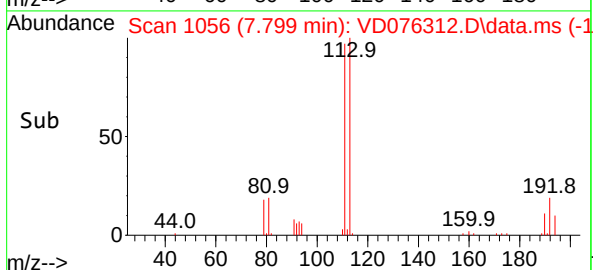
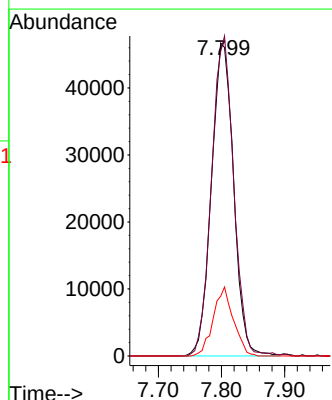
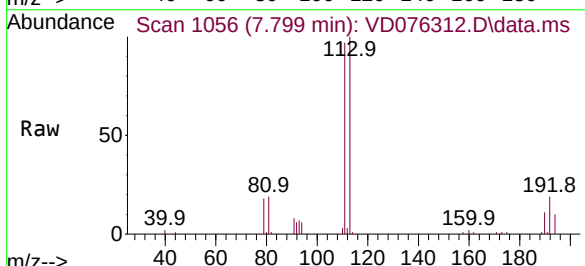
Tgt Ion:113 Resp: 114115

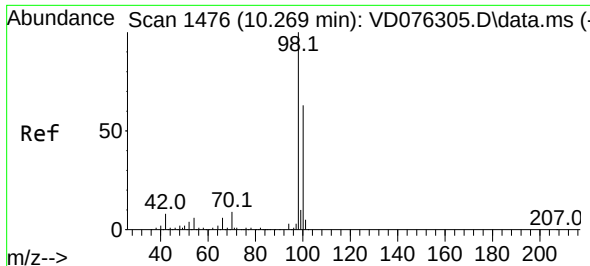
Ion Ratio Lower Upper

113 100

111 102.1 84.7 127.1

192 20.0 16.8 25.2

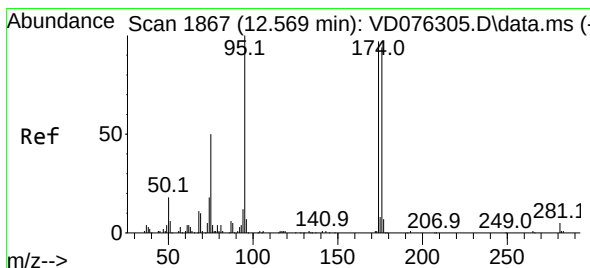
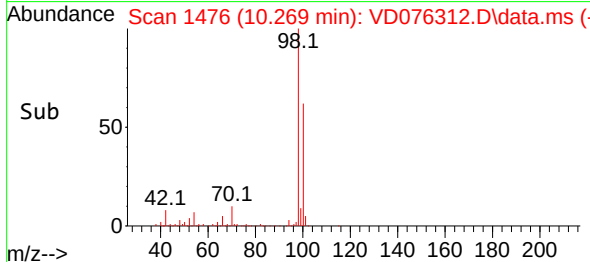
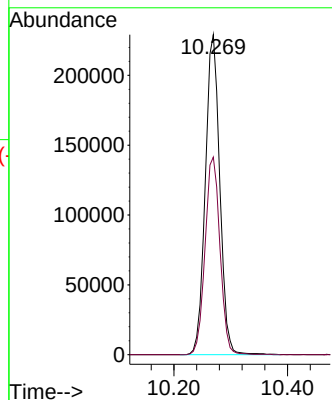
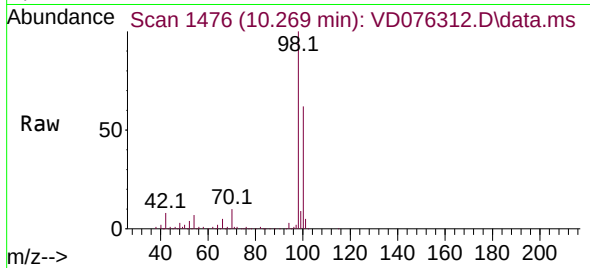




#50
Toluene-d8
Concen: 52.116 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076312.D
Acq: 02 Jun 2023 14:27

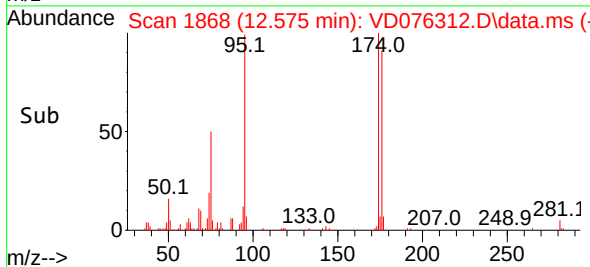
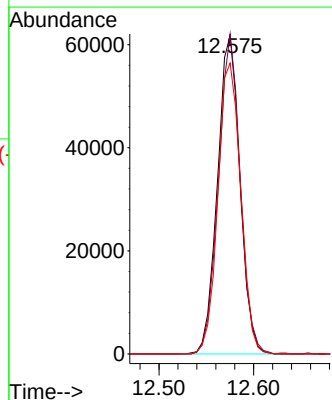
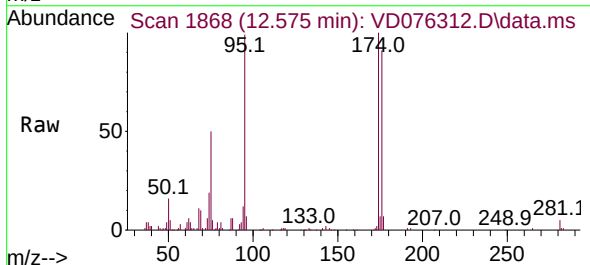
Instrument :
MSVOA_D
ClientSampleId :
VD0602SBL01

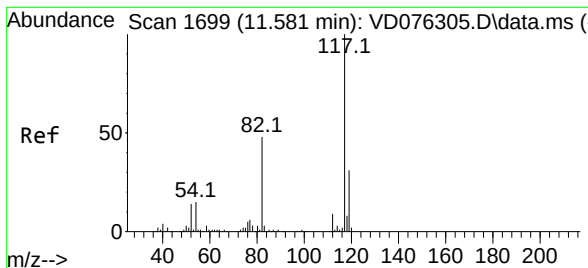
Tgt Ion: 98 Resp: 403730
Ion Ratio Lower Upper
98 100
100 63.7 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 47.057 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD076312.D
Acq: 02 Jun 2023 14:27

Tgt Ion: 95 Resp: 101678
Ion Ratio Lower Upper
95 100
174 97.5 0.0 201.8
176 92.8 0.0 191.8

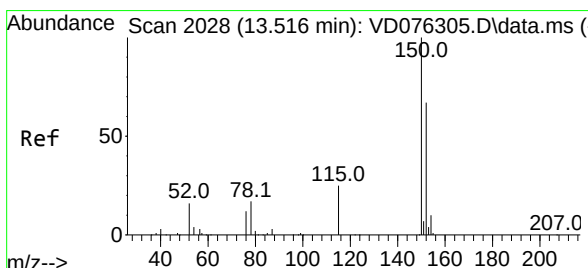
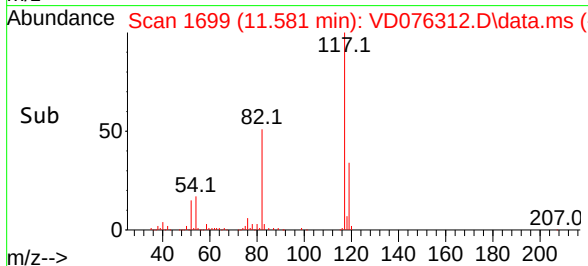
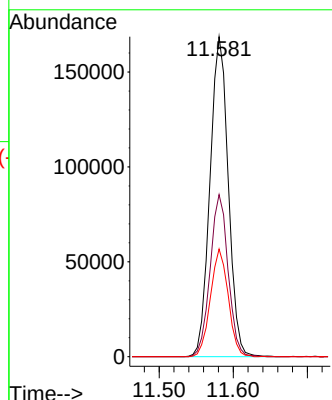
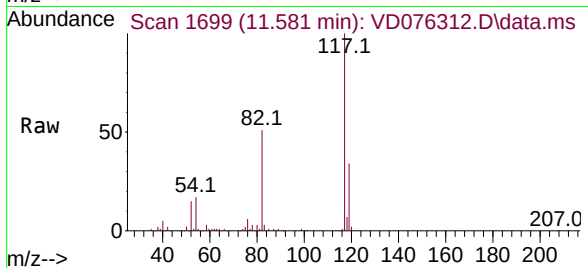




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD076312.D
Acq: 02 Jun 2023 14:27

Instrument :
MSVOA_D
ClientSampleId :
VD0602SBL01

Tgt Ion:117 Resp: 288759
Ion Ratio Lower Upper
117 100
82 50.6 38.3 57.5
119 33.6 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.006 min
Lab File: VD076312.D
Acq: 02 Jun 2023 14:27

Tgt Ion:152 Resp: 126619
Ion Ratio Lower Upper
152 100
115 52.3 27.1 81.3
150 157.5 0.0 353.6

