

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062223\
 Data File : VD076543.D
 Acq On : 22 Jun 2023 17:13
 Operator : KP/SY
 Sample : 03363-01
 Misc : 5.04G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SP

Quant Time: Jun 23 06:37:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061623S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 19 04:51:45 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	8611	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	16931	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	15565	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	8571	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	7851	91.000	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	182.000%#
35) Dibromofluoromethane	7.811	113	6153	61.174	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	122.340%
50) Toluene-d8	10.269	98	18872	49.474	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.940%
62) 4-Bromofluorobenzene	12.575	95	6300	50.890	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	101.780%

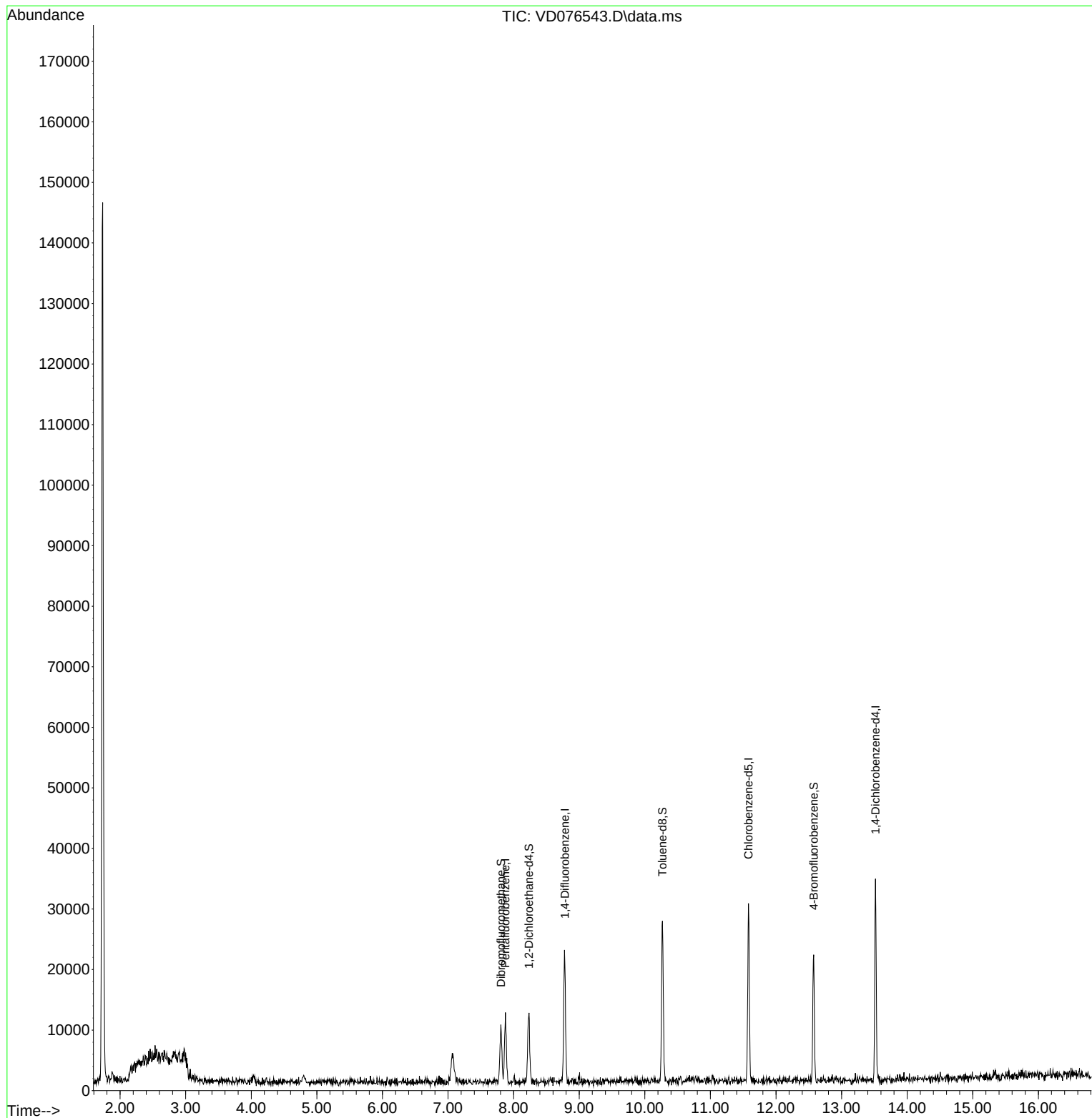
Target Compounds	Qvalue

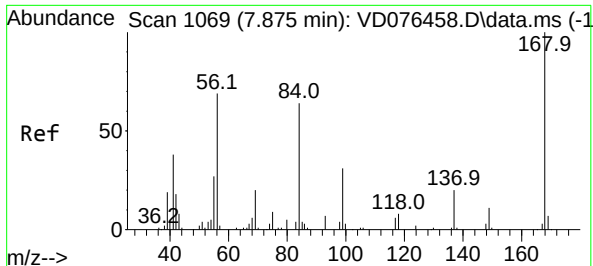
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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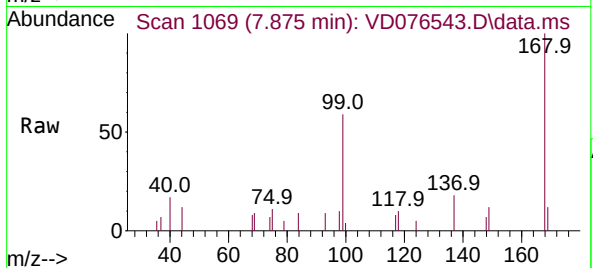
Quant Time: Jun 23 06:37:02 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061623S.M
Quant Title : SW846 8260
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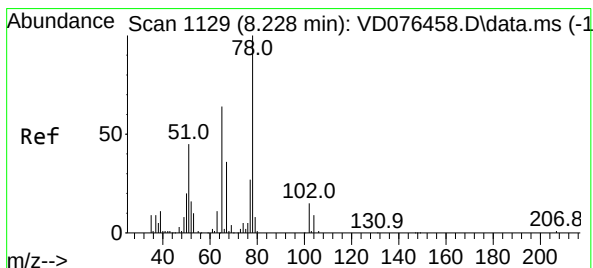
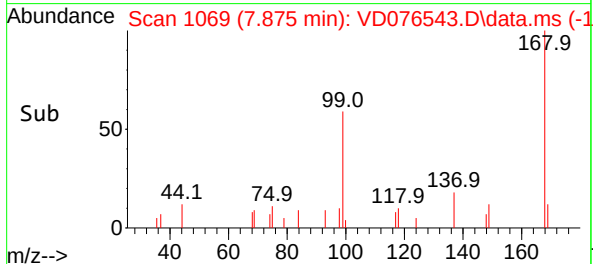
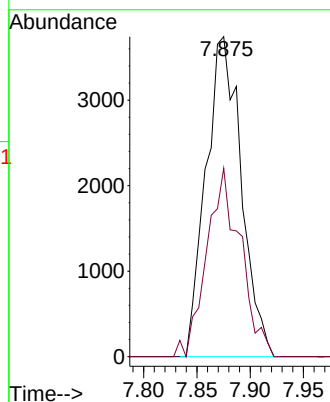


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VD076543.D
Acq: 22 Jun 2023 17:13

Instrument :
MSVOA_D
ClientSampleId :
SP

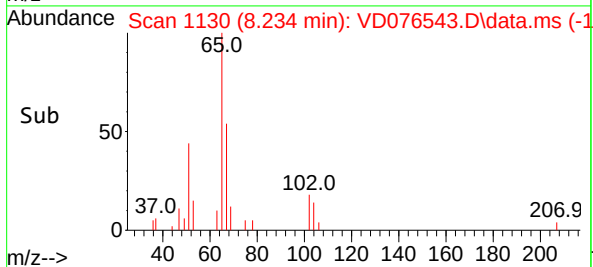
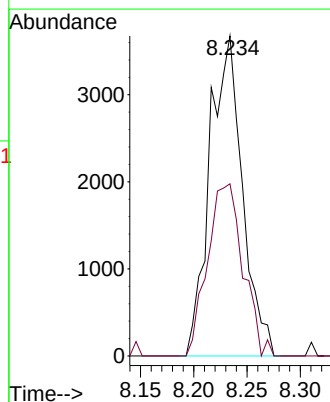
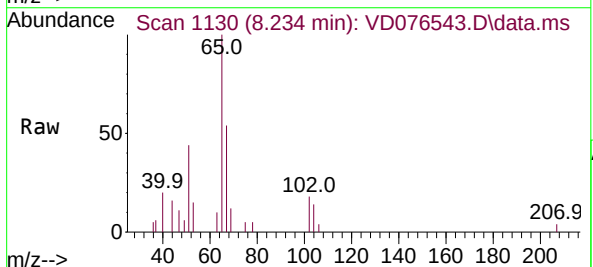


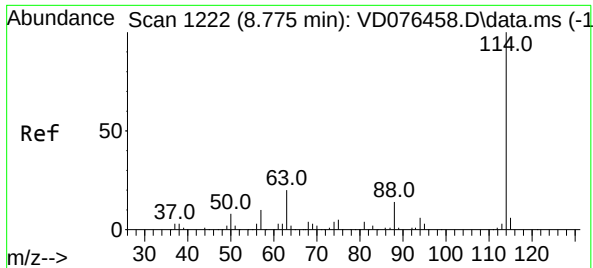
Tgt Ion:168 Resp: 8611
Ion Ratio Lower Upper
168 100
99 58.9 36.7 55.1#



#33
1,2-Dichloroethane-d4
Concen: 91.000 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD076543.D
Acq: 22 Jun 2023 17:13

Tgt Ion: 65 Resp: 7851
Ion Ratio Lower Upper
65 100
67 58.3 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD076543.D

Acq: 22 Jun 2023 17:13

Instrument :

MSVOA_D

ClientSampleId :

SP

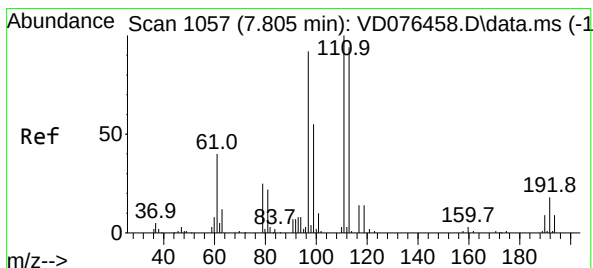
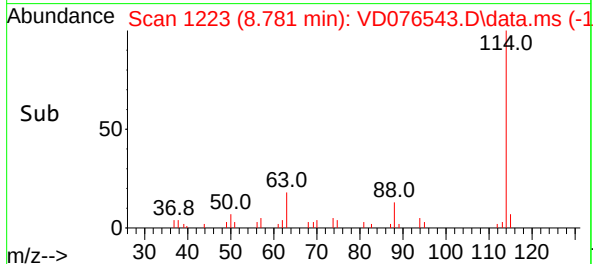
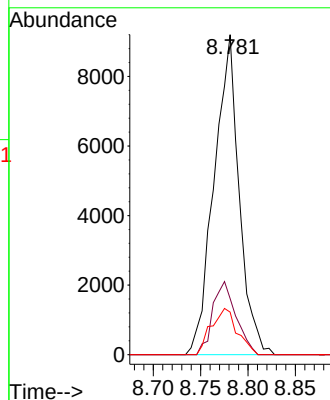
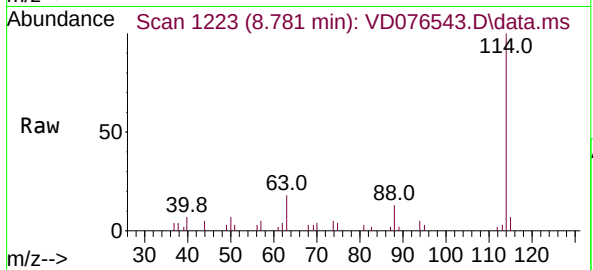
Tgt Ion:114 Resp: 16931

Ion Ratio Lower Upper

114 100

63 17.5 0.0 33.4

88 13.3 0.0 26.2



#35

Dibromofluoromethane

Concen: 61.174 ug/l

RT: 7.811 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD076543.D

Acq: 22 Jun 2023 17:13

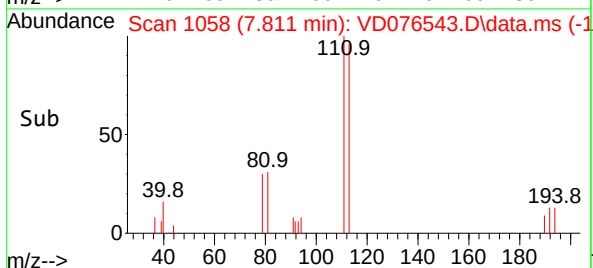
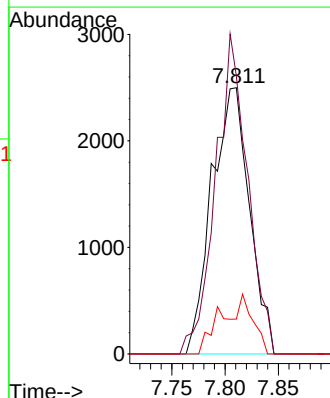
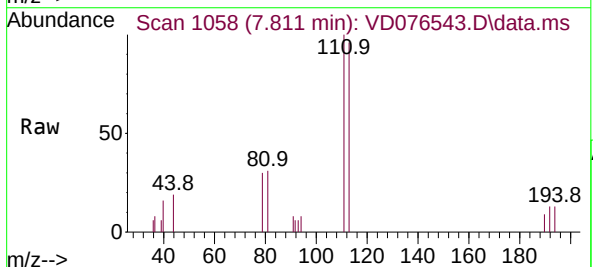
Tgt Ion:113 Resp: 6153

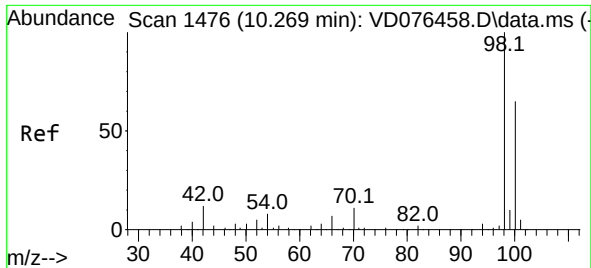
Ion Ratio Lower Upper

113 100

111 101.9 84.7 127.1

192 10.0 16.8 25.2#

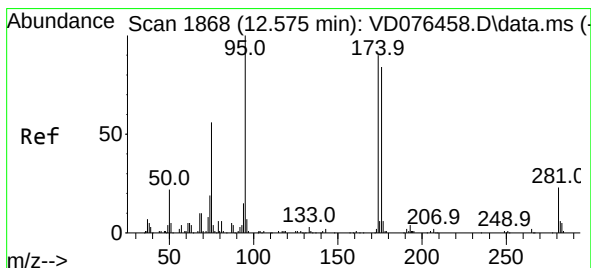
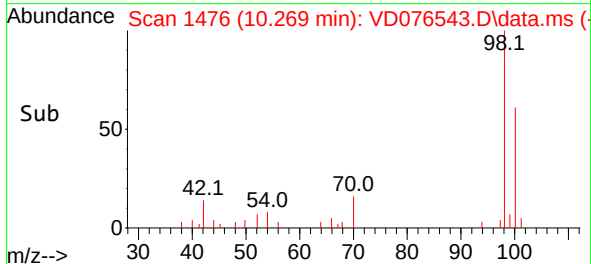
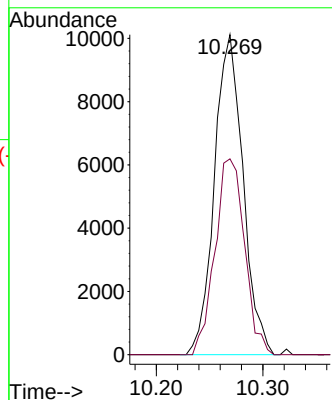
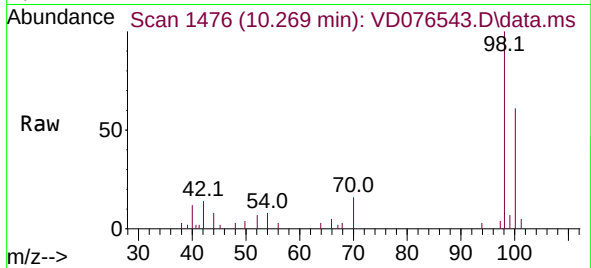




#50
Toluene-d8
Concen: 49.474 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076543.D
Acq: 22 Jun 2023 17:13

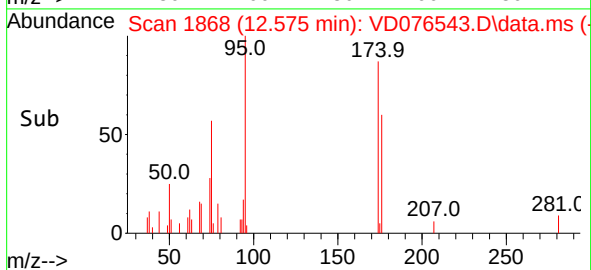
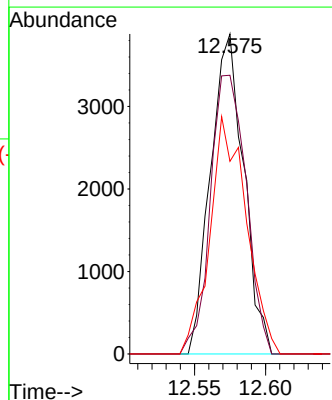
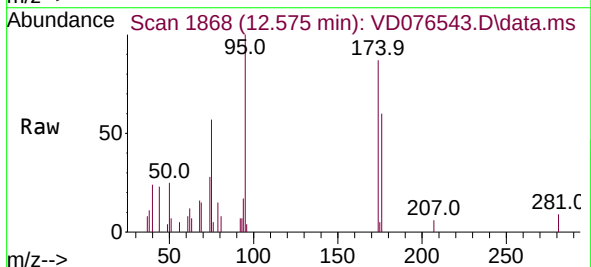
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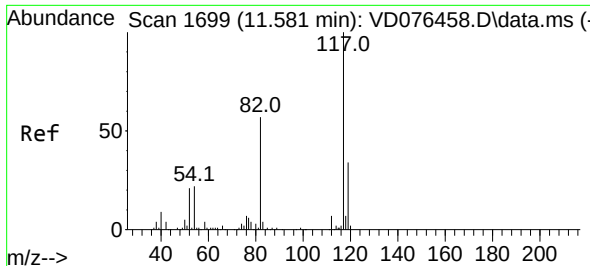
Tgt Ion: 98 Resp: 18872
Ion Ratio Lower Upper
98 100
100 63.4 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 50.890 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD076543.D
Acq: 22 Jun 2023 17:13

Tgt Ion: 95 Resp: 6300
Ion Ratio Lower Upper
95 100
174 93.8 0.0 201.8
176 81.3 0.0 191.8

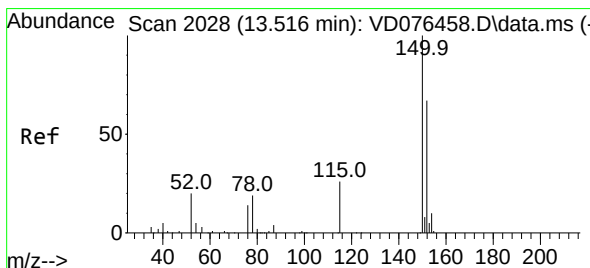
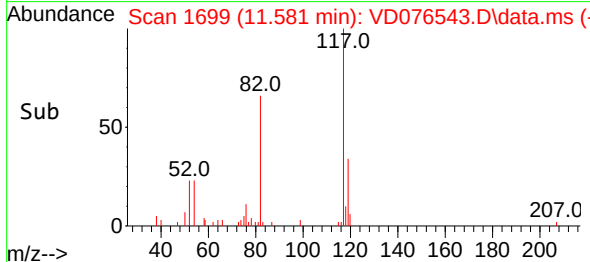
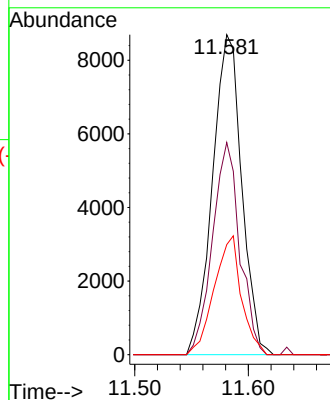
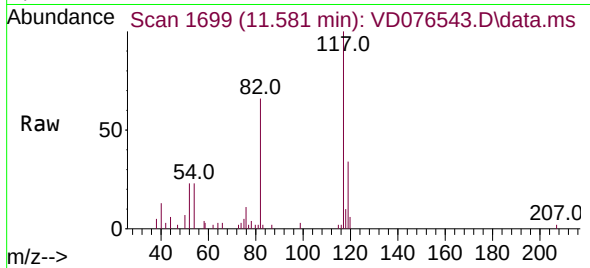




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD076543.D
Acq: 22 Jun 2023 17:13

Instrument :
MSVOA_D
ClientSampleId :
SP

Tgt Ion:117 Resp: 15565
Ion Ratio Lower Upper
117 100
82 66.3 38.3 57.5#
119 34.4 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: VD076543.D
Acq: 22 Jun 2023 17:13

Tgt Ion:152 Resp: 8571
Ion Ratio Lower Upper
152 100
115 56.8 27.1 81.3
150 158.0 0.0 353.6

