

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091923\
 Data File : VD077151.D
 Acq On : 19 Sep 2023 17:27
 Operator : JC/SY
 Sample : 04479-06
 Misc : 5.07G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 1028

Quant Time: Sep 20 02:04:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D091823S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 19 04:46:37 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.869	168	8854	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	20633	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	27524	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	12774	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	8986	100.564	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	201.120%#
35) Dibromofluoromethane	7.804	113	10173	70.983	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	141.960%
50) Toluene-d8	10.269	98	27067	53.060	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	106.120%
62) 4-Bromofluorobenzene	12.575	95	11204	70.863	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	141.720%

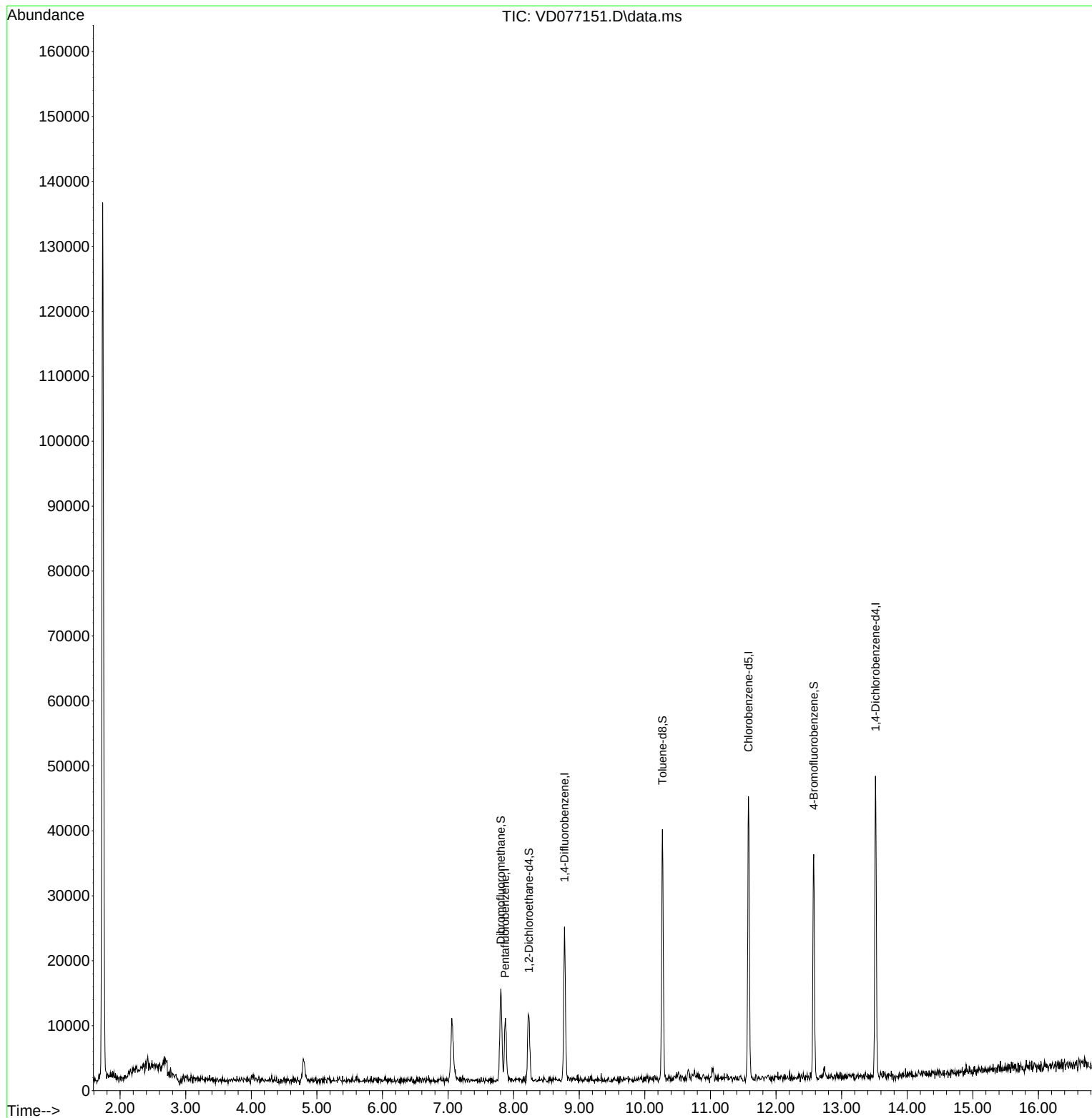
Target Compounds	Qvalue

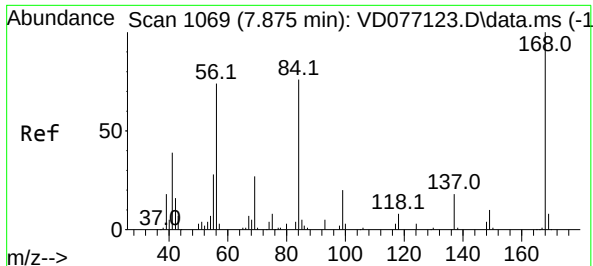
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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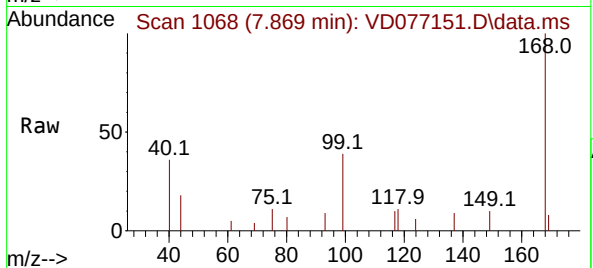
Quant Time: Sep 20 02:04:08 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D091823S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 19 04:46:37 2023
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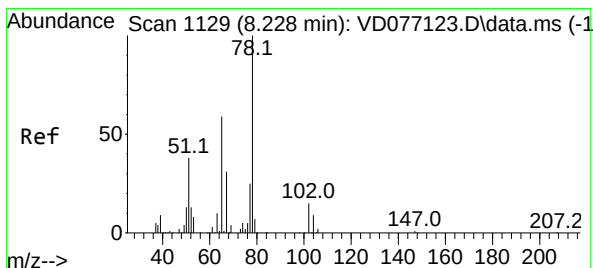
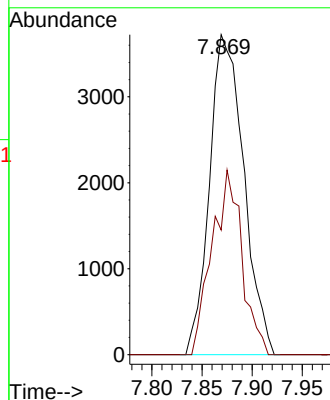
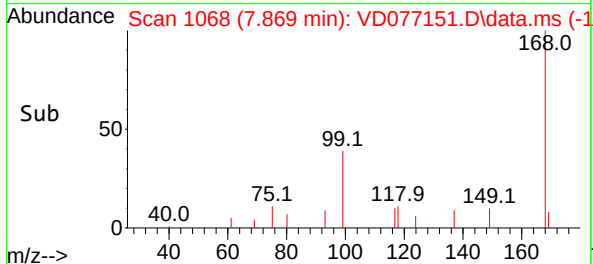


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1028
Delta R.T. -0.006 min
Lab File: VD077151.D
Acq: 19 Sep 2023 17:27

Instrument :
MSVOA_D
ClientSampleId :
1028

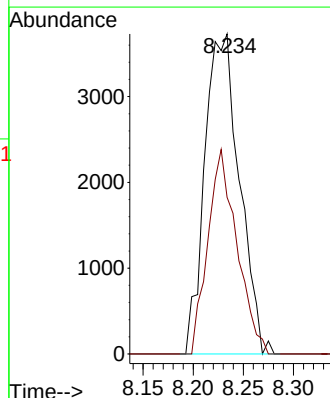
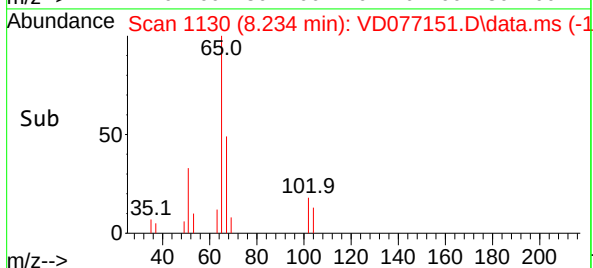
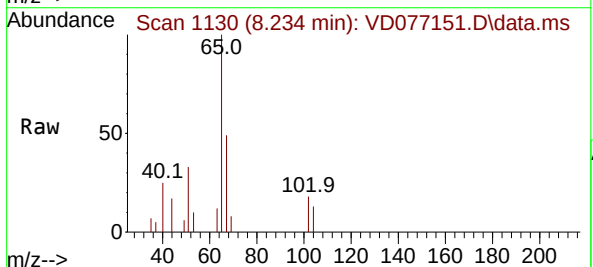


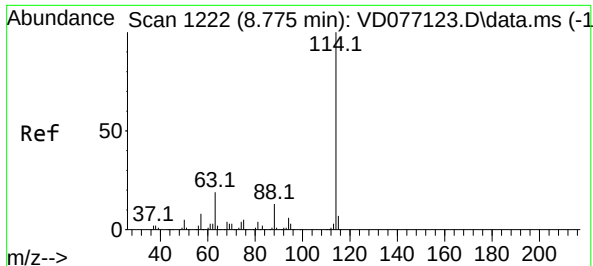
Tgt Ion:168 Resp: 8854
Ion Ratio Lower Upper
168 100
99 38.9 36.7 55.1



#33
1,2-Dichloroethane-d4
Concen: 100.564 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD077151.D
Acq: 19 Sep 2023 17:27

Tgt Ion: 65 Resp: 8986
Ion Ratio Lower Upper
65 100
67 53.5 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD077151.D

Acq: 19 Sep 2023 17:27

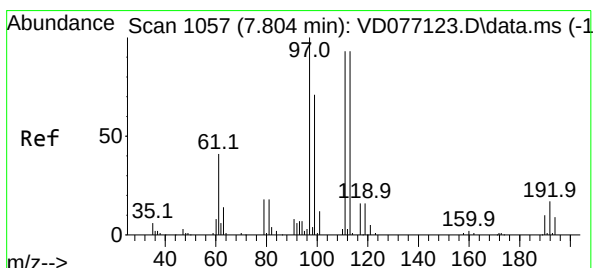
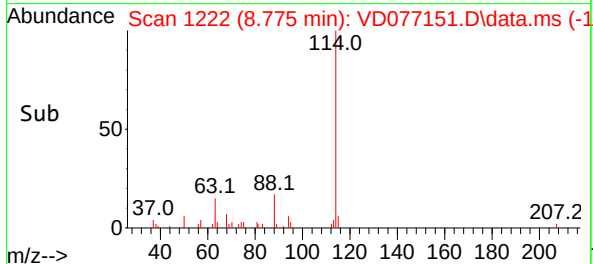
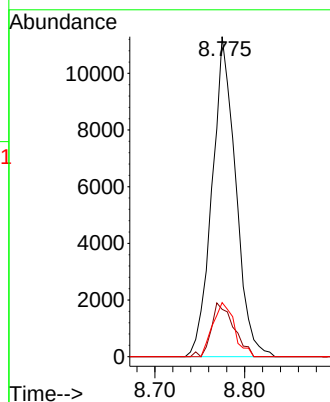
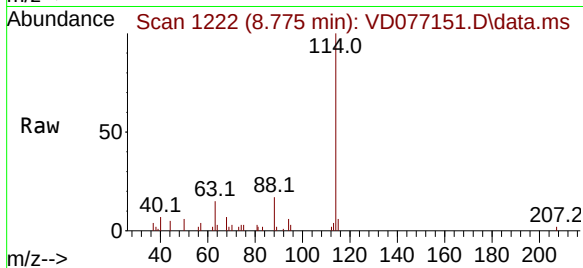
Instrument :

MSVOA_D

ClientSampleId :

1028

Tgt Ion:114	Resp:	20633
Ion Ratio	Lower	Upper
114	100	
63	14.8	0.0 33.4
88	16.9	0.0 26.2



#35

Dibromofluoromethane

Concen: 70.983 ug/l

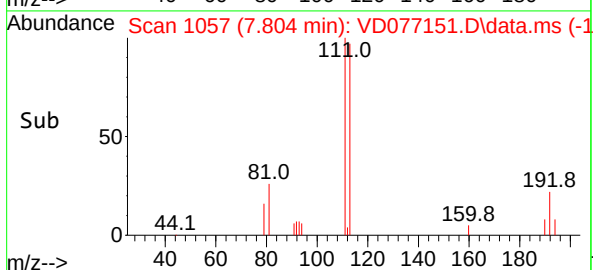
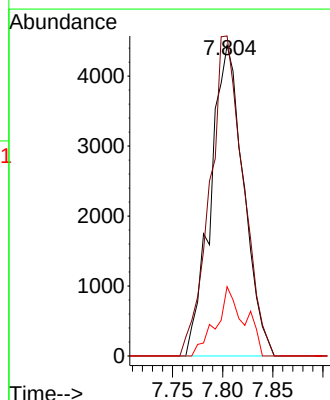
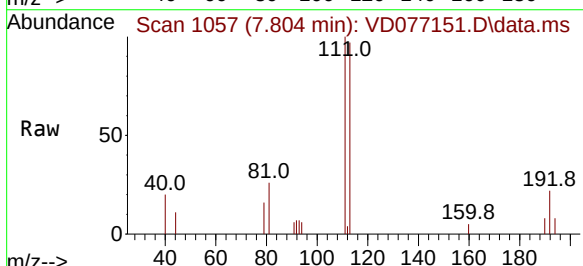
RT: 7.804 min Scan# 1057

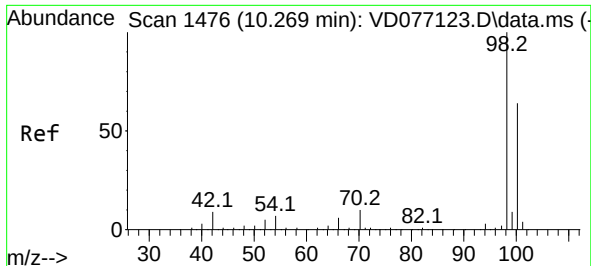
Delta R.T. 0.000 min

Lab File: VD077151.D

Acq: 19 Sep 2023 17:27

Tgt Ion:113	Resp:	10173
Ion Ratio	Lower	Upper
113	100	
111	104.1	84.7 127.1
192	19.0	16.8 25.2

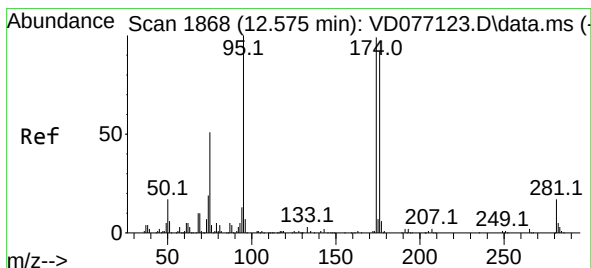
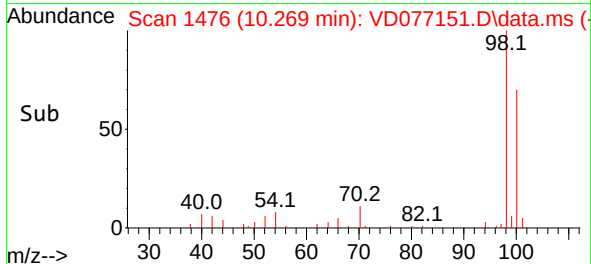
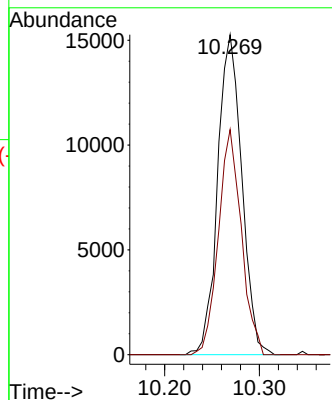
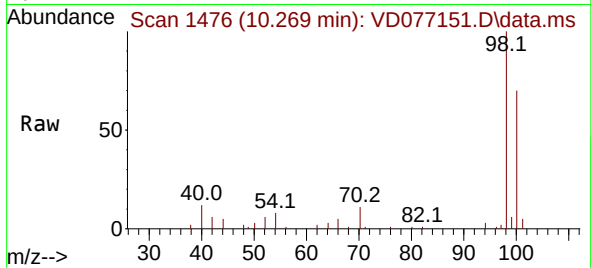




#50
Toluene-d8
Concen: 53.060 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD077151.D
Acq: 19 Sep 2023 17:27

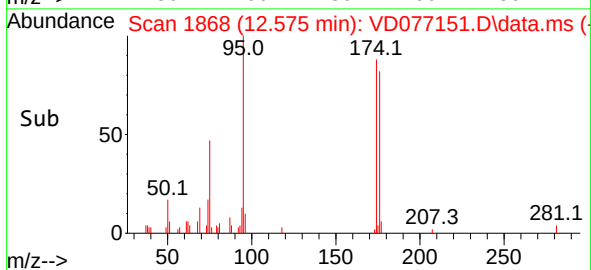
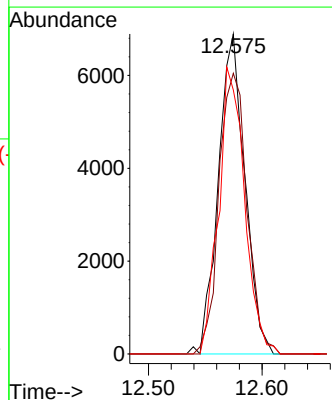
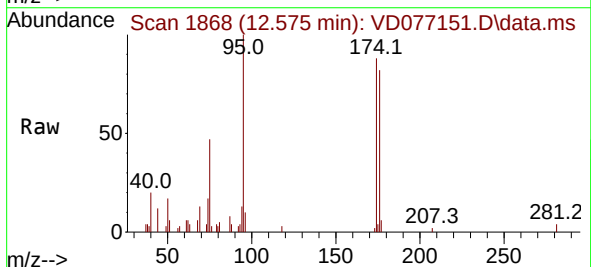
Instrument :
MSVOA_D
ClientSampleId :
1028

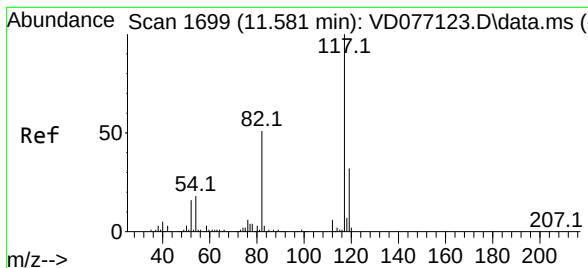
Tgt Ion: 98 Resp: 27067
Ion Ratio Lower Upper
98 100
100 66.8 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 70.863 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD077151.D
Acq: 19 Sep 2023 17:27

Tgt Ion: 95 Resp: 11204
Ion Ratio Lower Upper
95 100
174 92.6 0.0 201.8
176 87.7 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: VD077151.D

Acq: 19 Sep 2023 17:27

Instrument :

MSVOA_D

ClientSampleId :

1028

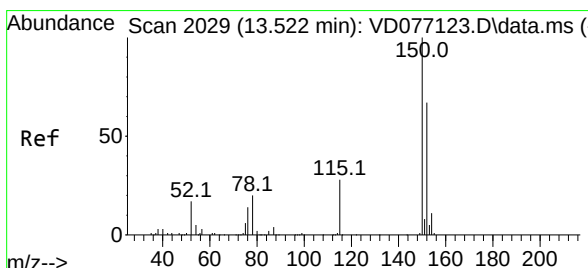
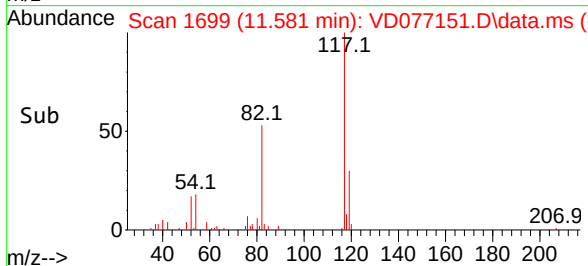
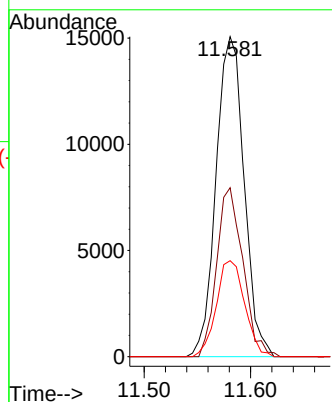
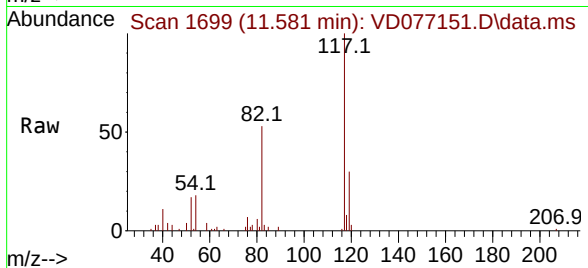
Tgt Ion:117 Resp: 27524

Ion Ratio Lower Upper

117 100

82 52.8 38.3 57.5

119 30.0 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: VD077151.D

Acq: 19 Sep 2023 17:27

Tgt Ion:152 Resp: 12774

Ion Ratio Lower Upper

152 100

115 56.3 27.1 81.3

150 168.2 0.0 353.6

