

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072723\
 Data File : VD076841.D
 Acq On : 27 Jul 2023 18:35
 Operator : KP/SY
 Sample : 03784-01
 Misc : 4.99G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OS-2

Quant Time: Jul 28 03:00:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 17 08:07:52 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.869	168	180582	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	352904	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	314598	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	133416	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.222	65	94052	52.290	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	104.580%
35) Dibromofluoromethane	7.799	113	114812	51.771	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.540%
50) Toluene-d8	10.269	98	419787	52.913	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	105.820%
62) 4-Bromofluorobenzene	12.575	95	117600	45.822	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	91.640%

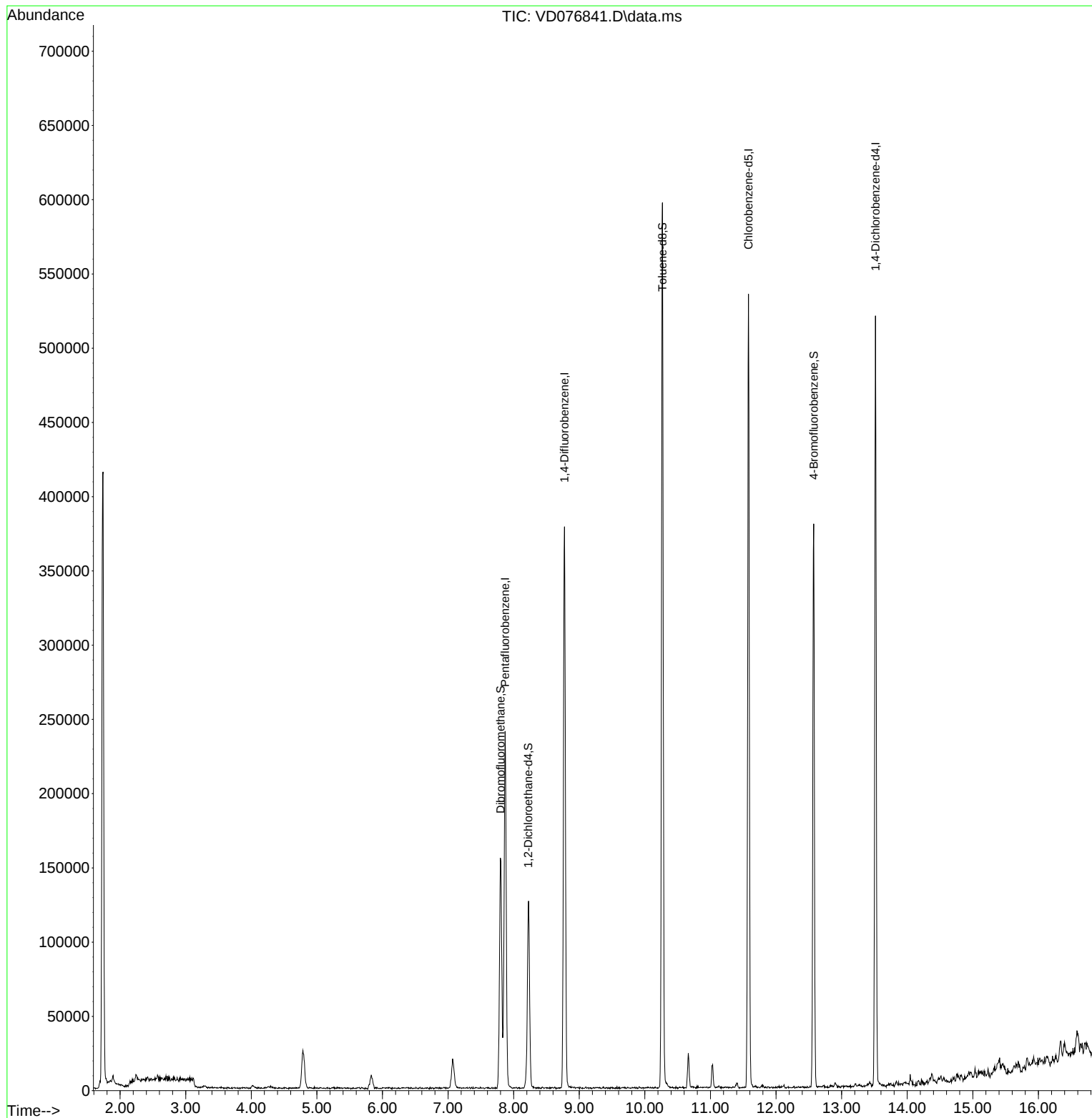
Target Compounds	Qvalue

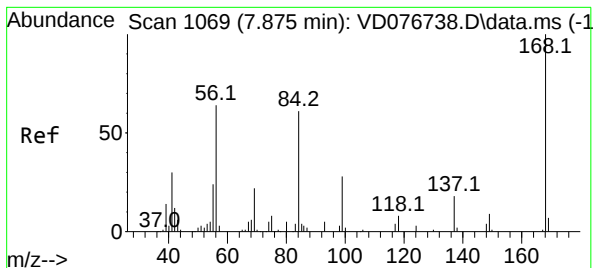
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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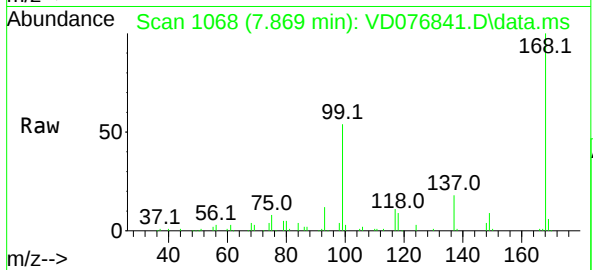
Quant Time: Jul 28 03:00:28 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.M
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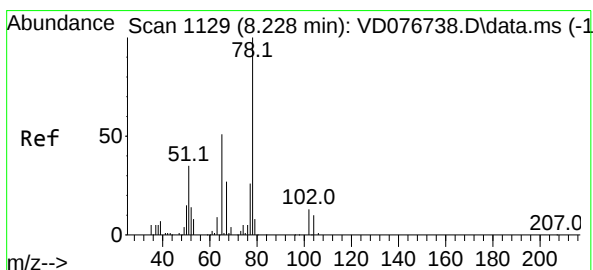
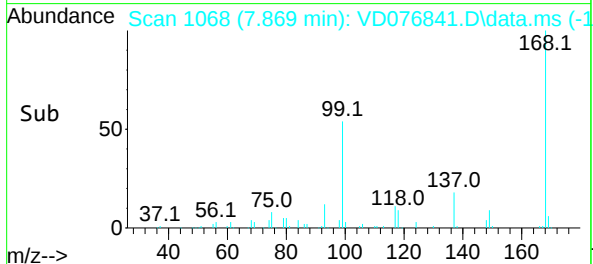
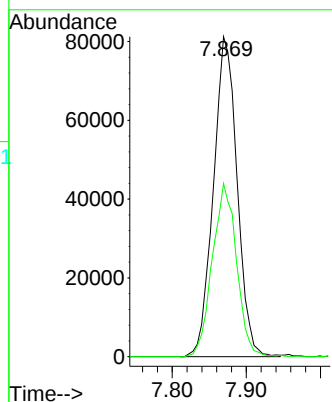


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 110
Delta R.T. -0.006 min
Lab File: VD076841.D
Acq: 27 Jul 2023 18:35

Instrument :
MSVOA_D
ClientSampleId :
OS-2

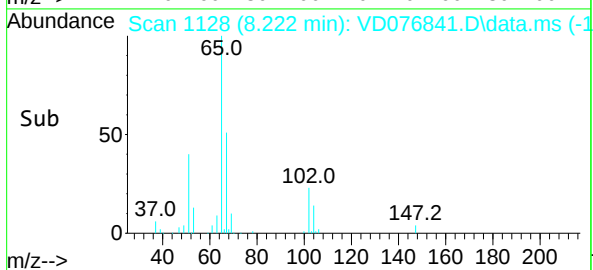
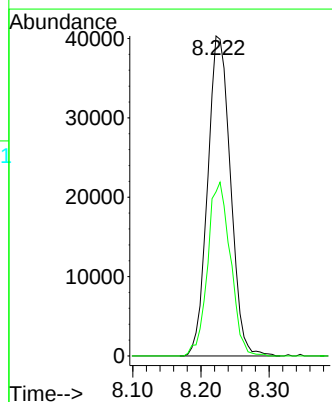
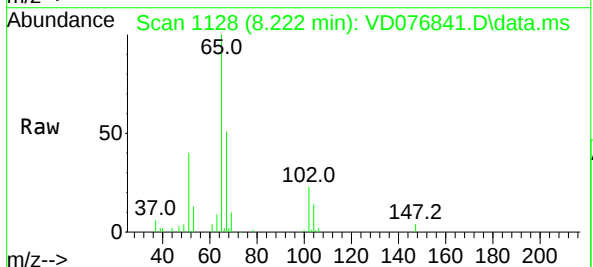


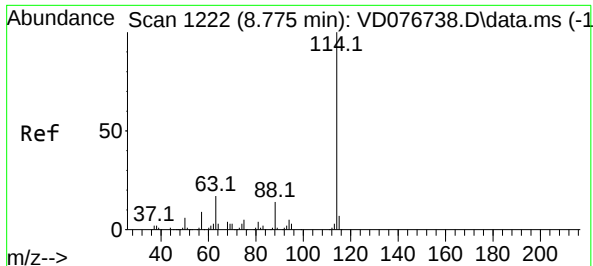
Tgt Ion:168 Resp: 180582
Ion Ratio Lower Upper
168 100
99 54.1 36.7 55.1



#33
1,2-Dichloroethane-d4
Concen: 52.290 ug/l
RT: 8.222 min Scan# 1128
Delta R.T. -0.006 min
Lab File: VD076841.D
Acq: 27 Jul 2023 18:35

Tgt Ion: 65 Resp: 94052
Ion Ratio Lower Upper
65 100
67 54.2 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: VD076841.D

Acq: 27 Jul 2023 18:35

Instrument :

MSVOA_D

ClientSampleId :

OS-2

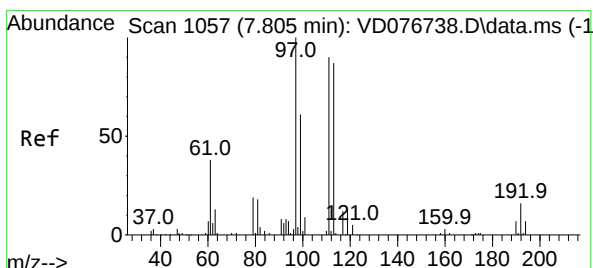
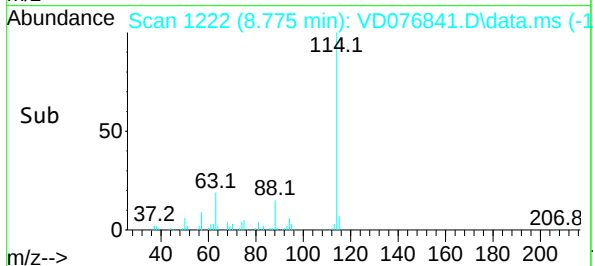
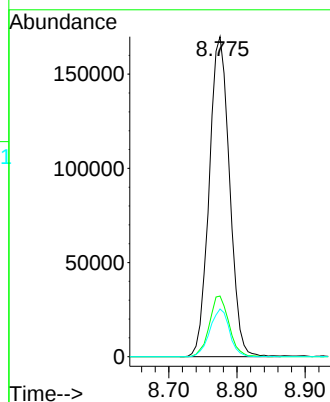
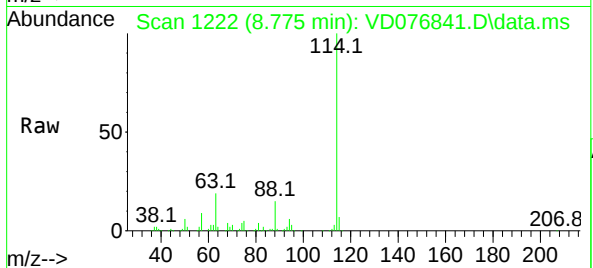
Tgt Ion:114 Resp: 352904

Ion Ratio Lower Upper

114 100

63 19.0 0.0 33.4

88 14.9 0.0 26.2



#35

Dibromofluoromethane

Concen: 51.771 ug/l

RT: 7.799 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VD076841.D

Acq: 27 Jul 2023 18:35

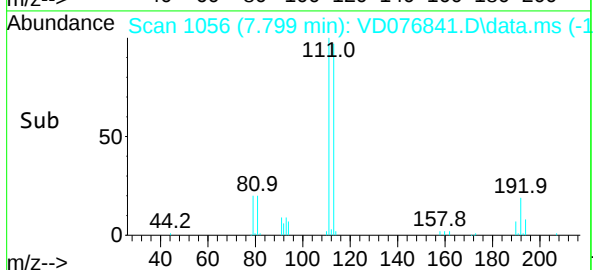
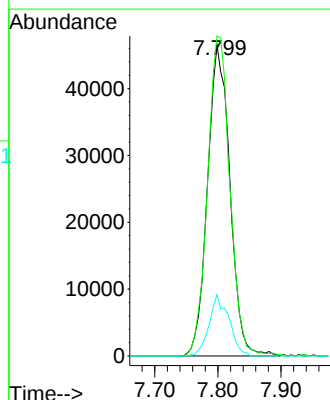
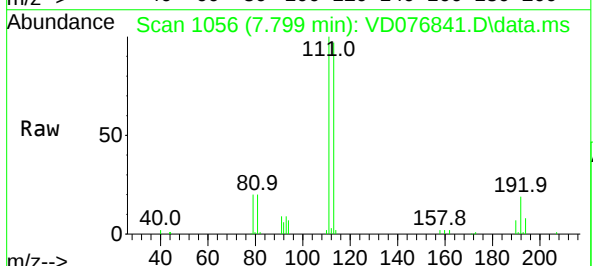
Tgt Ion:113 Resp: 114812

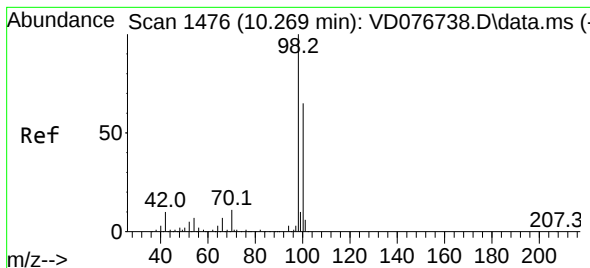
Ion Ratio Lower Upper

113 100

111 102.6 84.7 127.1

192 17.4 16.8 25.2

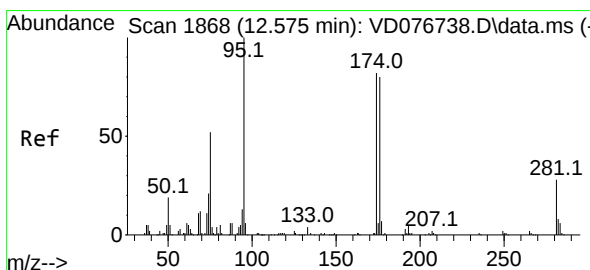
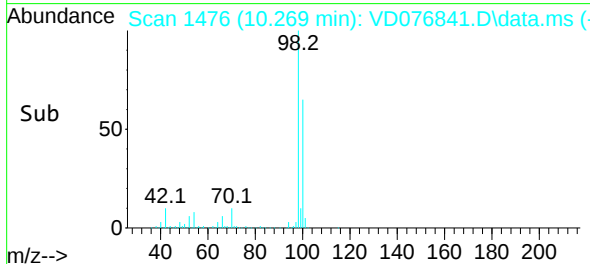
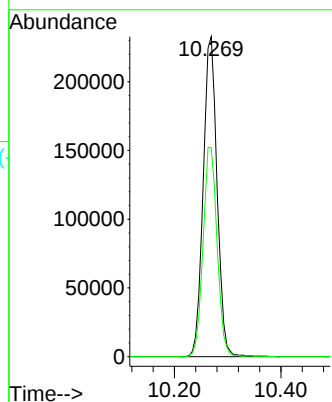
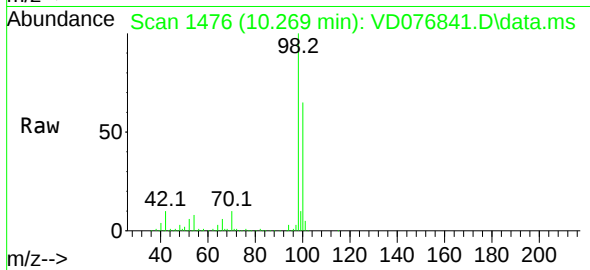




#50
Toluene-d8
Concen: 52.913 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076841.D
Acq: 27 Jul 2023 18:35

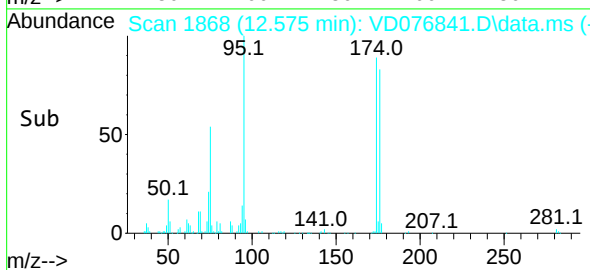
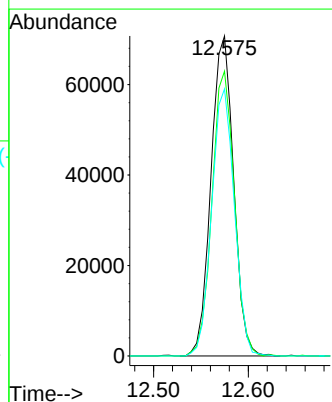
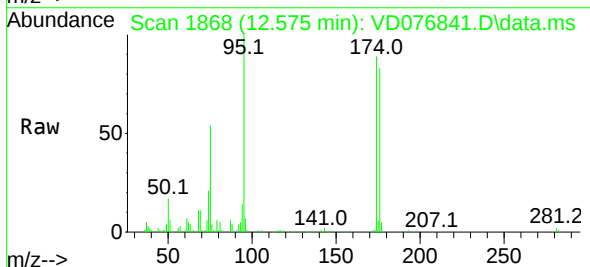
Instrument :
MSVOA_D
ClientSampleId :
OS-2

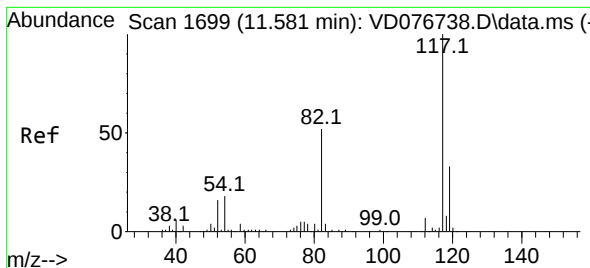
Tgt Ion: 98 Resp: 419787
Ion Ratio Lower Upper
98 100
100 66.2 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 45.822 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076841.D
Acq: 27 Jul 2023 18:35

Tgt Ion: 95 Resp: 117600
Ion Ratio Lower Upper
95 100
174 88.3 0.0 201.8
176 83.7 0.0 191.8

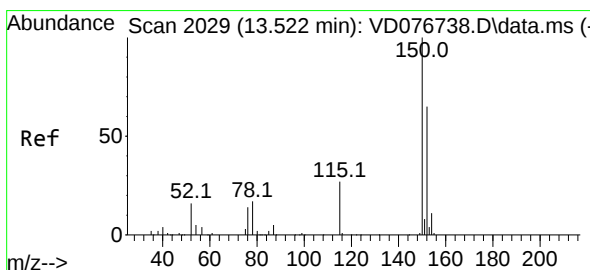
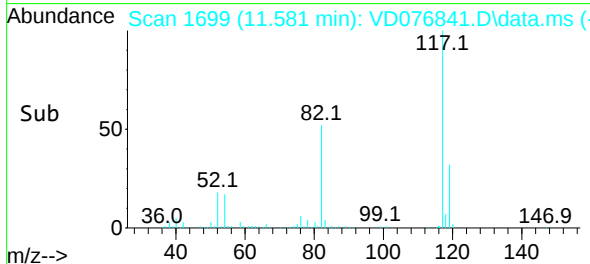
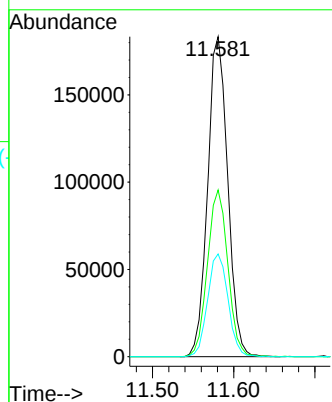
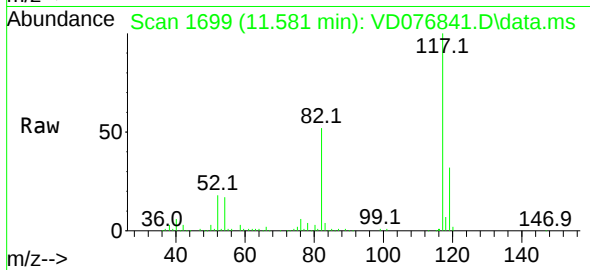




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076841.D
Acq: 27 Jul 2023 18:35

Instrument :
MSVOA_D
ClientSampleId :
OS-2

Tgt Ion:117 Resp: 314598
Ion Ratio Lower Upper
117 100
82 52.1 38.3 57.5
119 32.1 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: VD076841.D
Acq: 27 Jul 2023 18:35

Tgt Ion:152 Resp: 133416
Ion Ratio Lower Upper
152 100
115 58.0 27.1 81.3
150 157.2 0.0 353.6

