

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082923\
 Data File : VD077056.D
 Acq On : 29 Aug 2023 12:32
 Operator : JC/SY
 Sample : VD0829SBL02
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0829SBL02

Quant Time: Aug 29 20:58:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D082823S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 29 02:15:23 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	159999	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	290642	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	273333	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	120048	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	86445	54.876	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	109.760%
35) Dibromofluoromethane	7.804	113	100440	51.728	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.460%
50) Toluene-d8	10.269	98	357885	50.948	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.900%
62) 4-Bromofluorobenzene	12.575	95	96934	46.804	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	93.600%

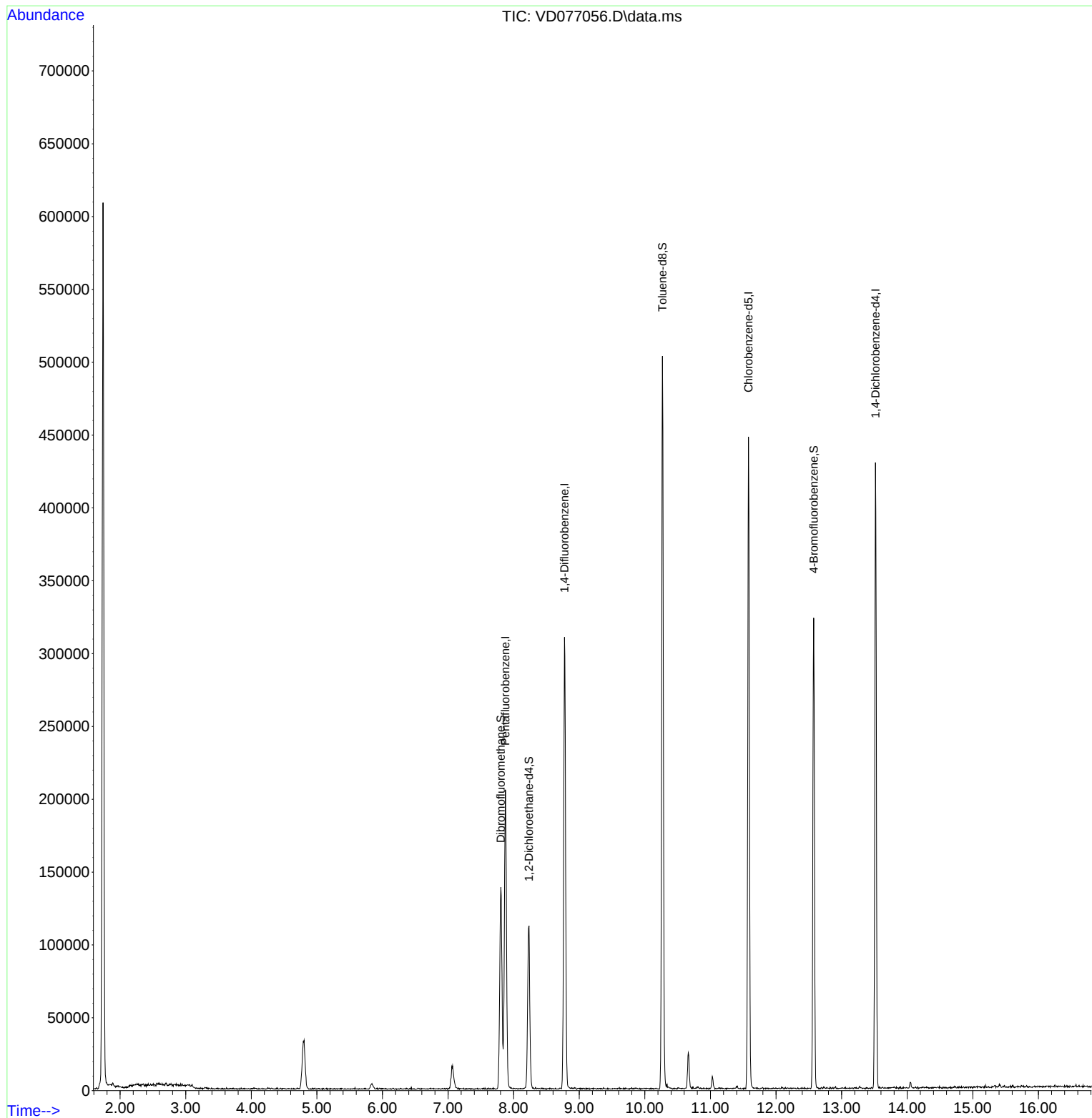
Target Compounds	Qvalue

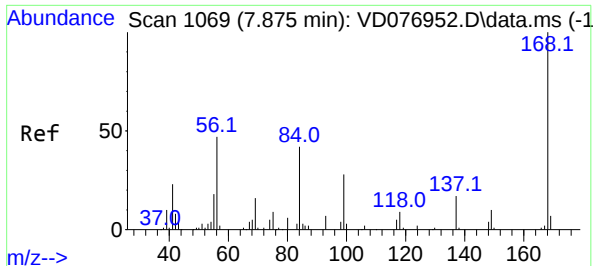
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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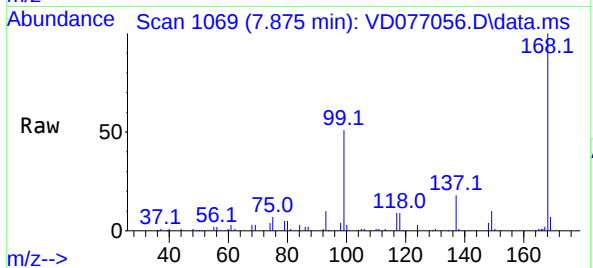
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D082823S.M
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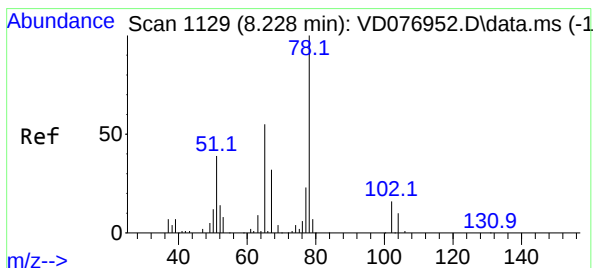
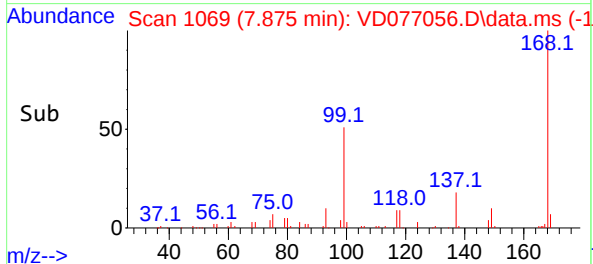
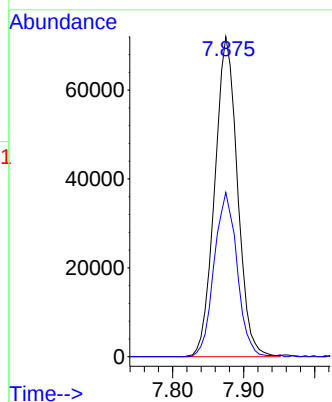


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VD077056.D
Acq: 29 Aug 2023 12:32

Instrument :
MSVOA_D
ClientSampleId :
VD0829SBL02

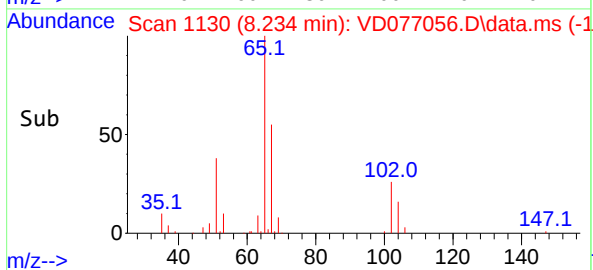
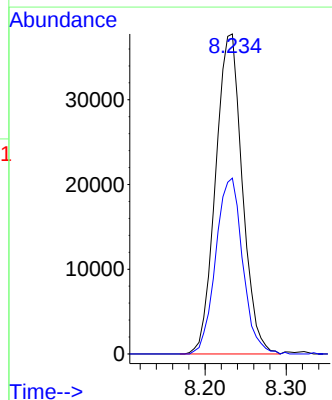
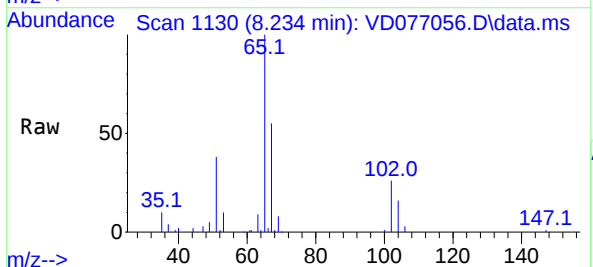


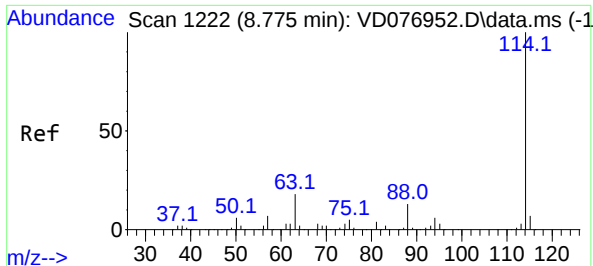
Tgt Ion:168 Resp: 159999
Ion Ratio Lower Upper
168 100
99 51.3 36.7 55.1



#33
1,2-Dichloroethane-d4
Concen: 54.876 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD077056.D
Acq: 29 Aug 2023 12:32

Tgt Ion: 65 Resp: 86445
Ion Ratio Lower Upper
65 100
67 55.4 0.0 115.0

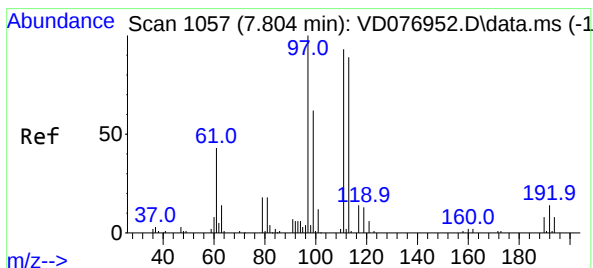
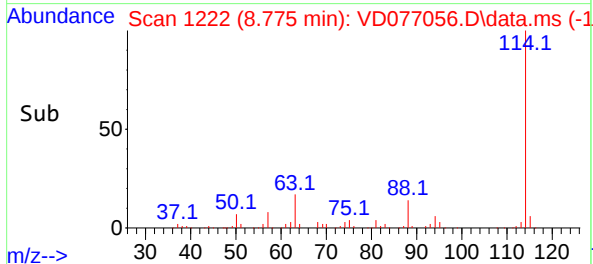
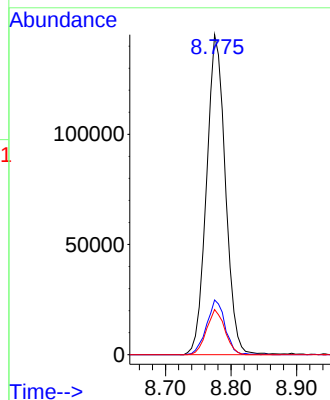
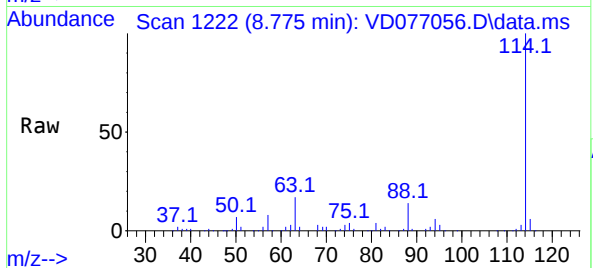




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD077056.D
Acq: 29 Aug 2023 12:32

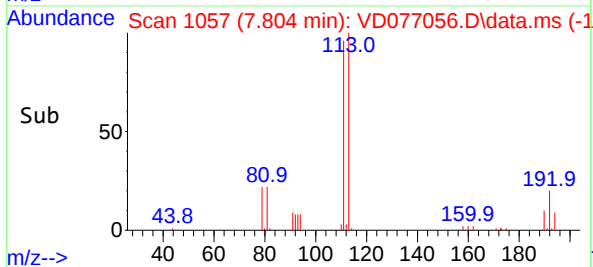
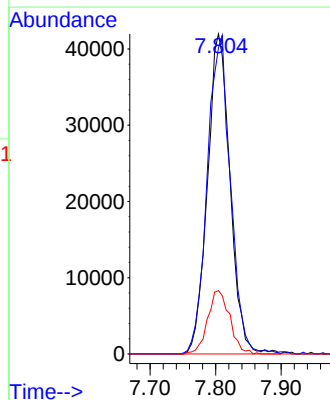
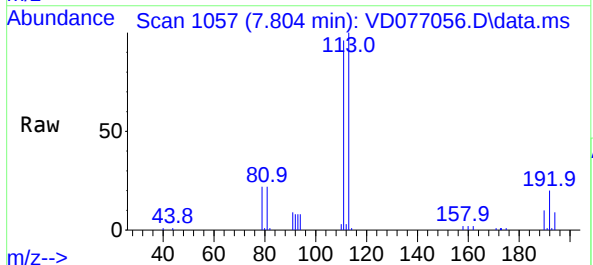
Instrument :
MSVOA_D
ClientSampleId :
VD0829SBL02

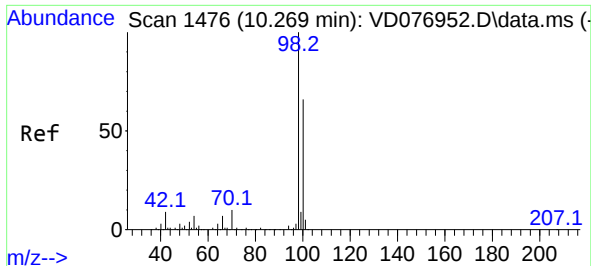
Tgt Ion:114 Resp: 290642
Ion Ratio Lower Upper
114 100
63 17.1 0.0 33.4
88 14.1 0.0 26.2



#35
Dibromofluoromethane
Concen: 51.728 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VD077056.D
Acq: 29 Aug 2023 12:32

Tgt Ion:113 Resp: 100440
Ion Ratio Lower Upper
113 100
111 101.7 84.7 127.1
192 19.4 16.8 25.2

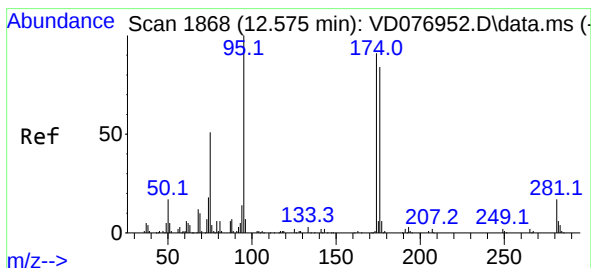
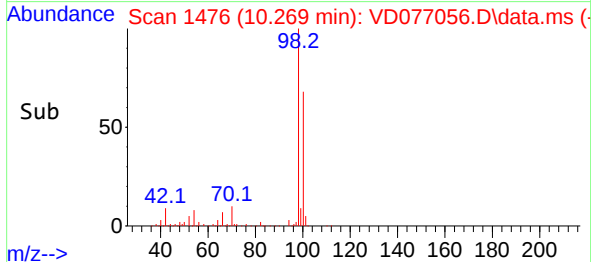
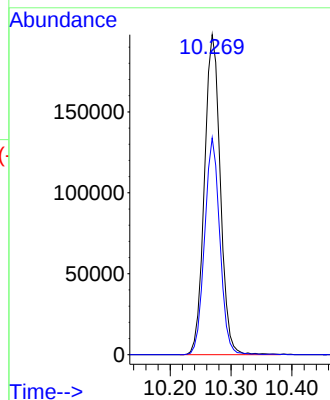
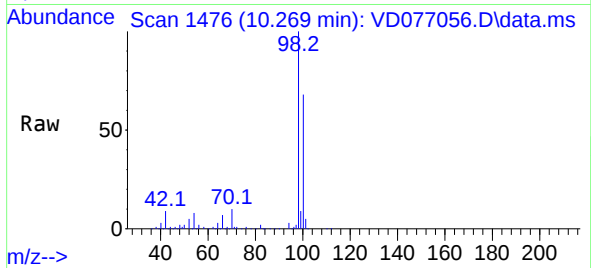




#50
Toluene-d8
Concen: 50.948 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD077056.D
Acq: 29 Aug 2023 12:32

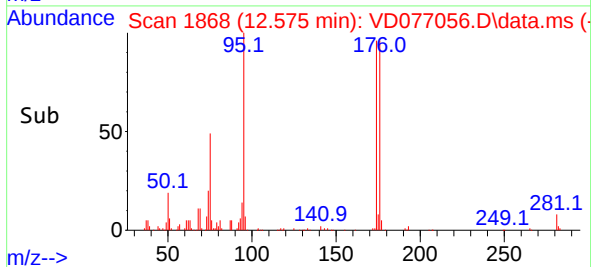
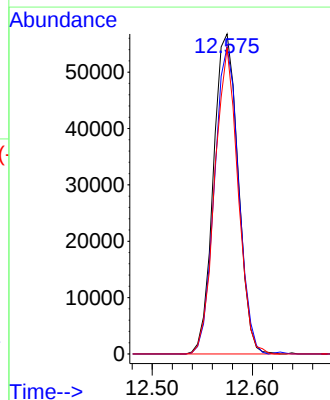
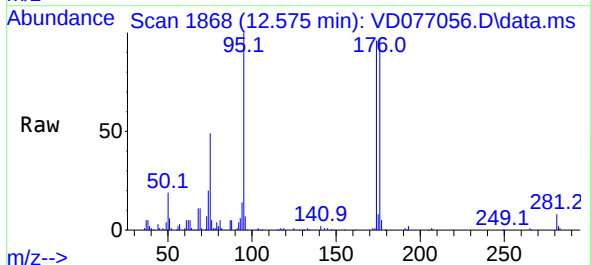
Instrument :
MSVOA_D
ClientSampleId :
VD0829SBL02

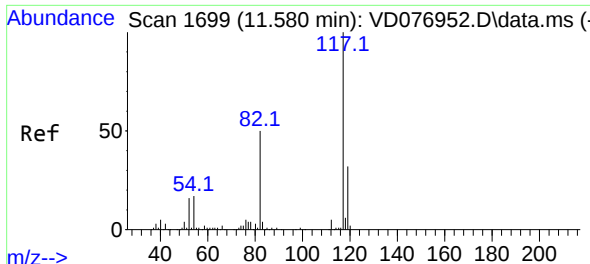
Tgt Ion: 98 Resp: 357885
Ion Ratio Lower Upper
98 100
100 64.9 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 46.804 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077056.D
Acq: 29 Aug 2023 12:32

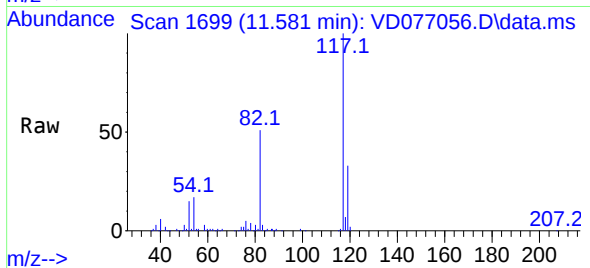
Tgt Ion: 95 Resp: 96934
Ion Ratio Lower Upper
95 100
174 93.7 0.0 201.8
176 89.9 0.0 191.8



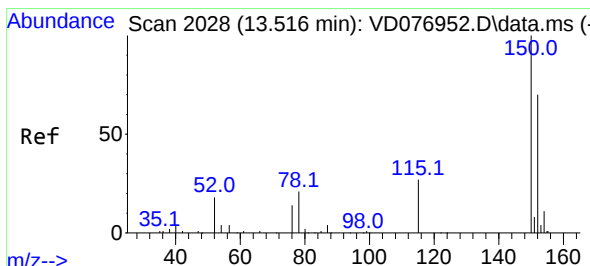
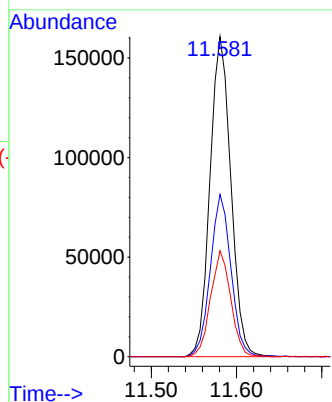
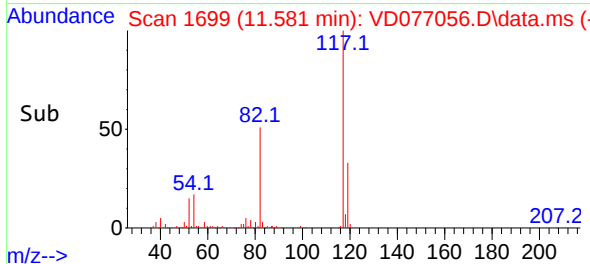


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.001 min
Lab File: VD077056.D
Acq: 29 Aug 2023 12:32

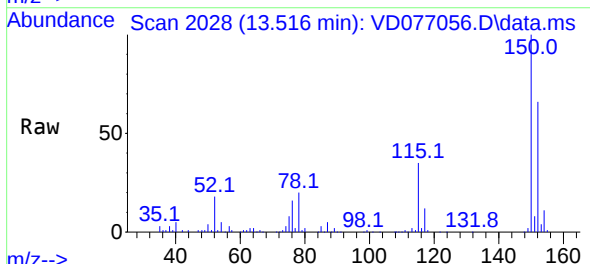
Instrument :
MSVOA_D
ClientSampleId :
VD0829SBL02



Tgt Ion:117 Resp: 273333
Ion Ratio Lower Upper
117 100
82 50.7 38.3 57.5
119 33.1 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD077056.D
Acq: 29 Aug 2023 12:32



Tgt Ion:152 Resp: 120048
Ion Ratio Lower Upper
152 100
115 54.9 27.1 81.3
150 154.9 0.0 353.6

