

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071923\
 Data File : VD076799.D
 Acq On : 19 Jul 2023 19:10
 Operator : KP/SY
 Sample : 03657-01RE
 Misc : 5.07G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BERGENSWITCH-COMP1RE

Quant Time: Jul 20 05:02:15 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	7.875	168	12390	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	25572	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	24538	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	9656	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	9342	75.700	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 151.400%	
35) Dibromofluoromethane	7.810	113	9629	59.920	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 119.840%	
50) Toluene-d8	10.269	98	30017	52.215	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 104.440%	
62) 4-Bromofluorobenzene	12.575	95	9360	50.330	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 100.660%	

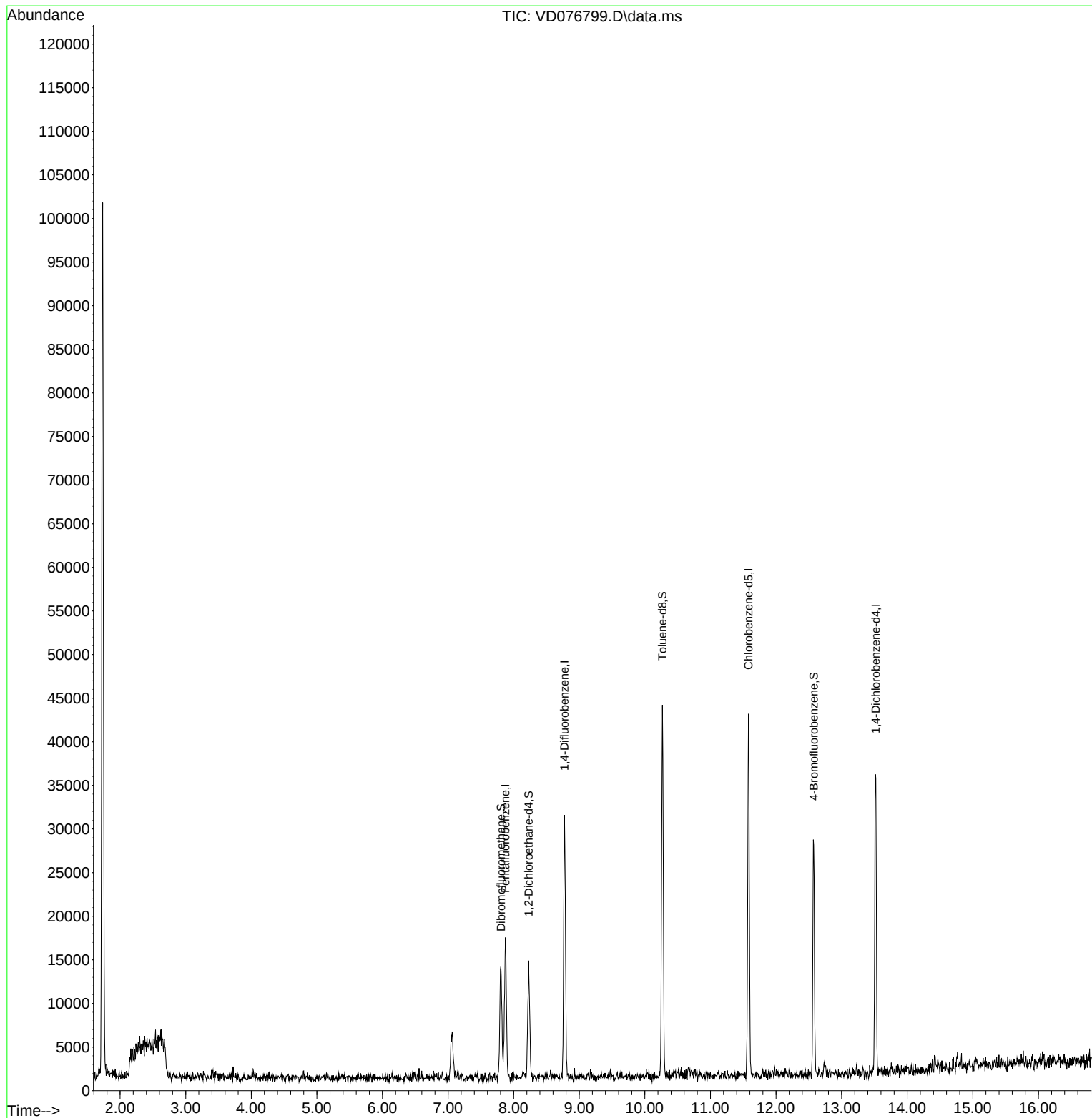
Target Compounds	Qvalue

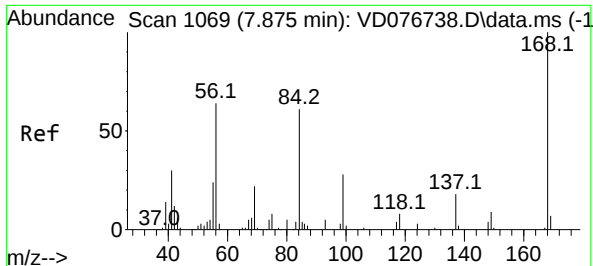
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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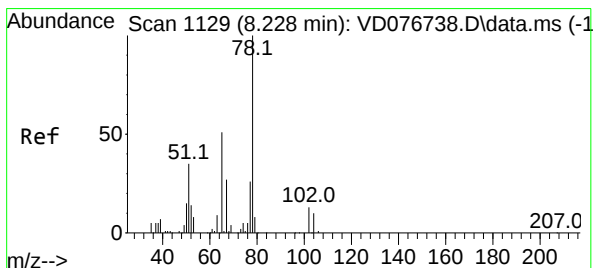
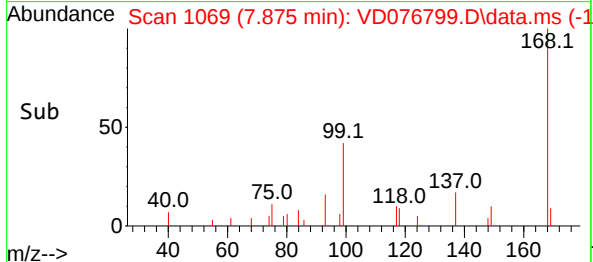
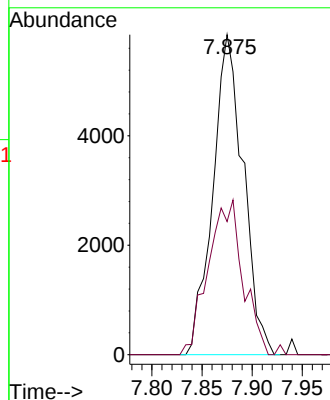
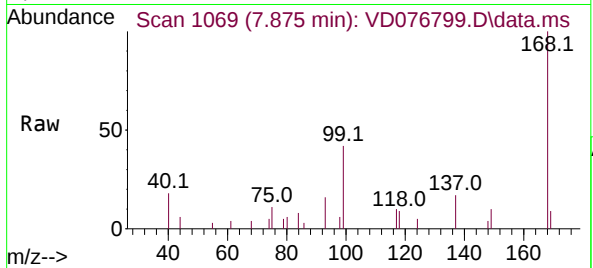




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD076799.D
Acq: 19 Jul 2023 19:10

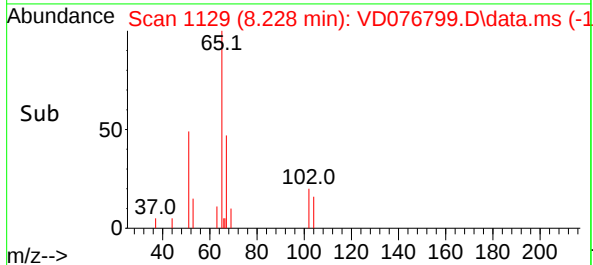
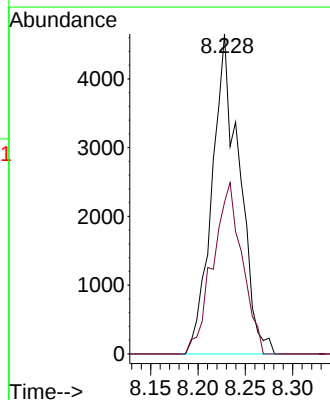
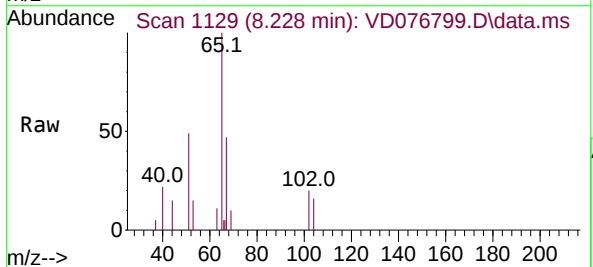
Instrument :
MSVOA_D
ClientSampleId :
BERGENSWITCH-COMP1RE

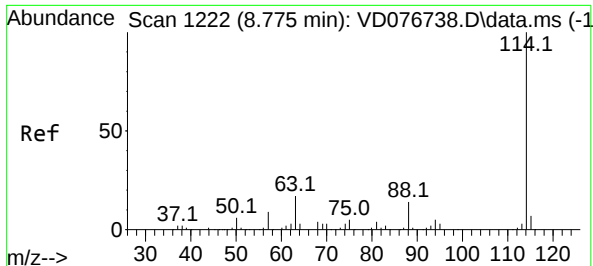
Tgt Ion:168 Resp: 12390
Ion Ratio Lower Upper
168 100
99 41.6 36.7 55.1



#33
1,2-Dichloroethane-d4
Concen: 75.700 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD076799.D
Acq: 19 Jul 2023 19:10

Tgt Ion: 65 Resp: 9342
Ion Ratio Lower Upper
65 100
67 57.4 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: VD076799.D

Acq: 19 Jul 2023 19:10

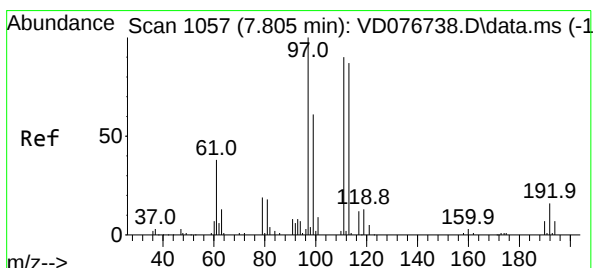
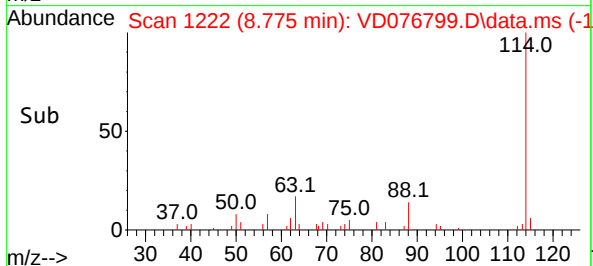
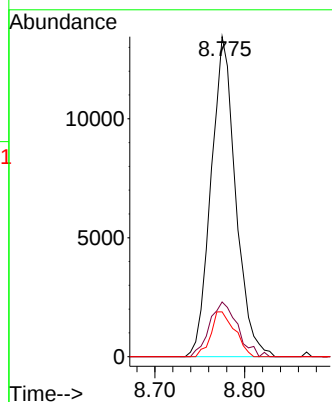
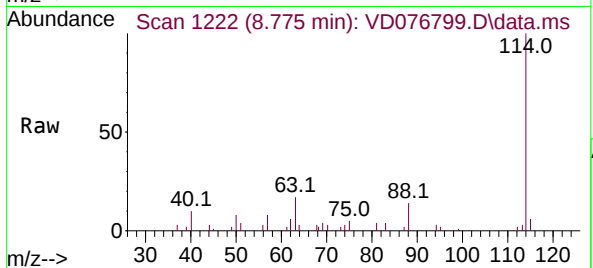
Instrument :

MSVOA_D

ClientSampleId :

BERGENSWITCH-COMP1RE

Tgt Ion:114	Resp:	25572
Ion Ratio	Lower	Upper
114	100	
63	17.1	0.0 33.4
88	14.0	0.0 26.2



#35

Dibromofluoromethane

Concen: 59.920 ug/l

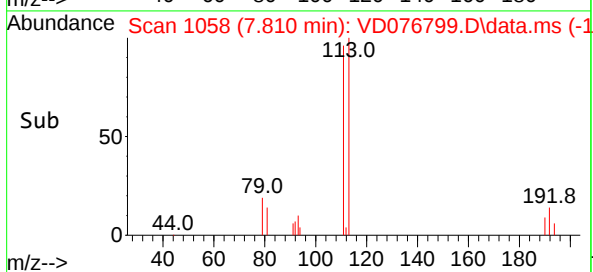
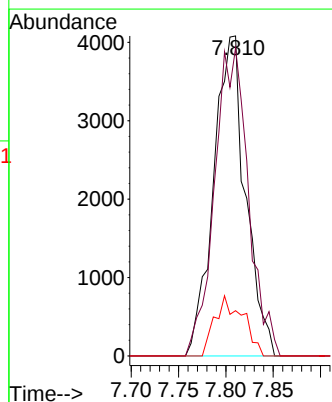
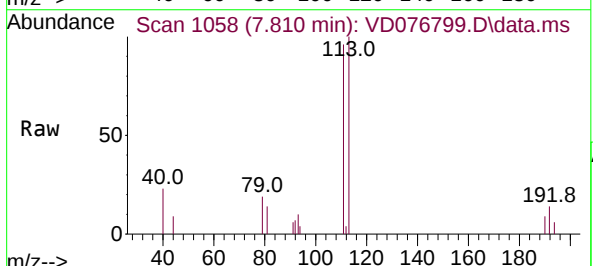
RT: 7.810 min Scan# 1058

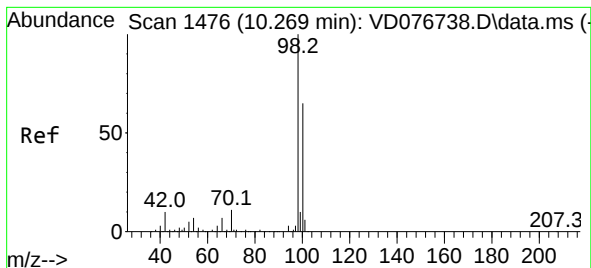
Delta R.T. 0.005 min

Lab File: VD076799.D

Acq: 19 Jul 2023 19:10

Tgt Ion:113	Resp:	9629
Ion Ratio	Lower	Upper
113	100	
111	101.7	84.7 127.1
192	16.5	16.8 25.2#





#50

Toluene-d8

Concen: 52.215 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD076799.D

Acq: 19 Jul 2023 19:10

Instrument :

MSVOA_D

ClientSampleId :

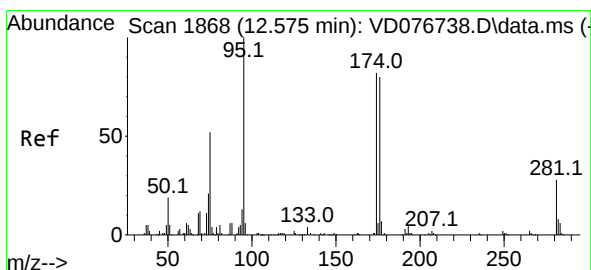
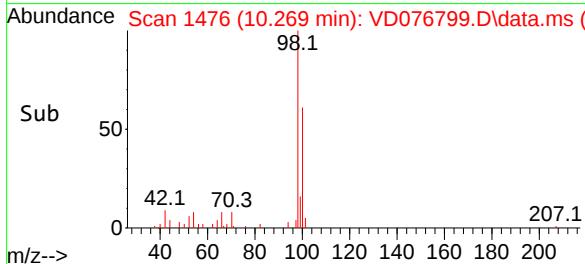
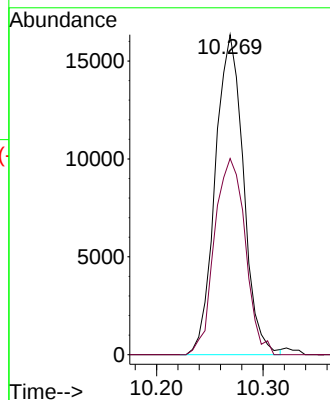
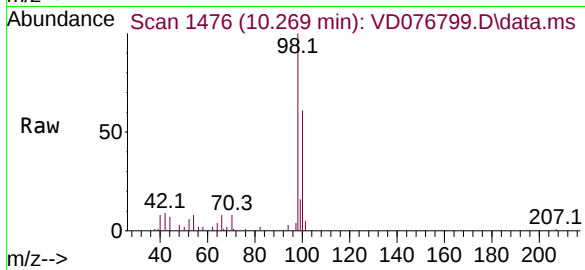
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Tgt Ion: 98 Resp: 30017

Ion Ratio Lower Upper

98 100

100 67.0 50.3 75.5



#62

4-Bromofluorobenzene

Concen: 50.330 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. -0.000 min

Lab File: VD076799.D

Acq: 19 Jul 2023 19:10

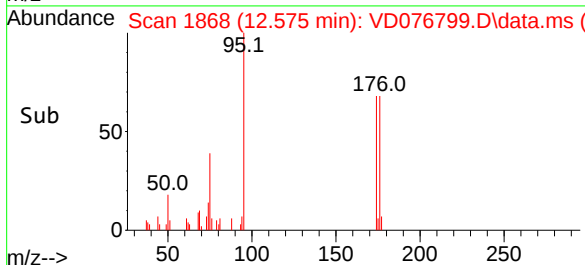
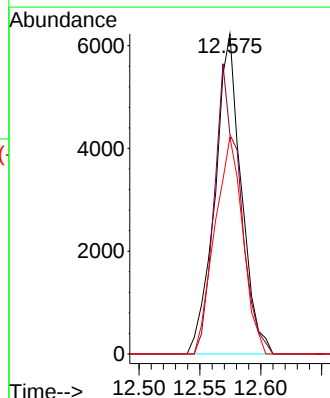
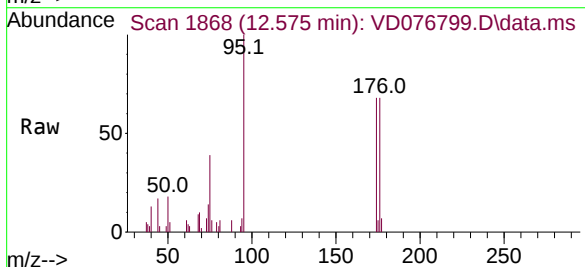
Tgt Ion: 95 Resp: 9360

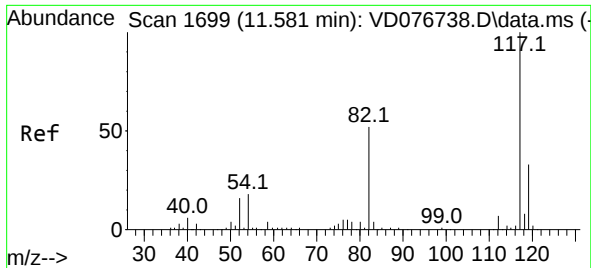
Ion Ratio Lower Upper

95 100

174 86.7 0.0 201.8

176 72.1 0.0 191.8

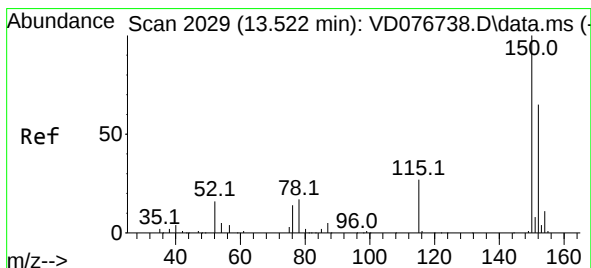
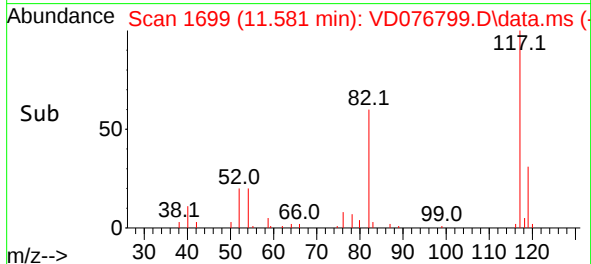
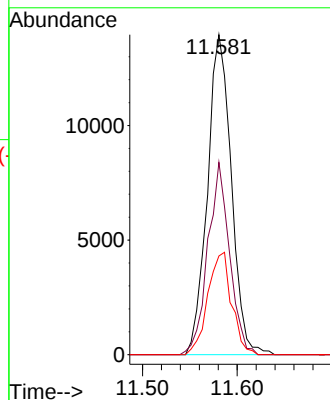
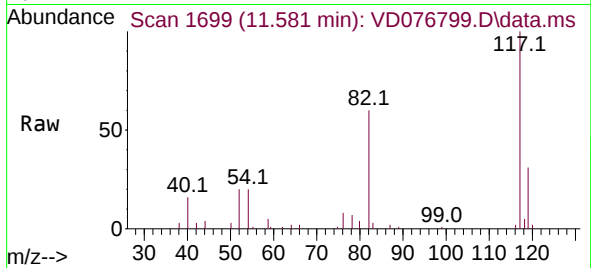




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD076799.D
Acq: 19 Jul 2023 19:10

Instrument :
MSVOA_D
ClientSampleId :
BERGENSWITCH-COMP1RE

Tgt Ion:117 Resp: 24538
Ion Ratio Lower Upper
117 100
82 60.1 38.3 57.5#
119 30.8 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD076799.D
Acq: 19 Jul 2023 19:10

Tgt Ion:152 Resp: 9656
Ion Ratio Lower Upper
152 100
115 61.6 27.1 81.3
150 164.8 0.0 353.6

