

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD103122\
 Data File : VD074692.D
 Acq On : 31 Oct 2022 17:04
 Operator : VA/SY
 Sample : N5303-03
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 NWB-1841

Quant Time: Nov 01 01:34:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D102722S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 28 00:18:17 2022
 Response via : Initial Calibration

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

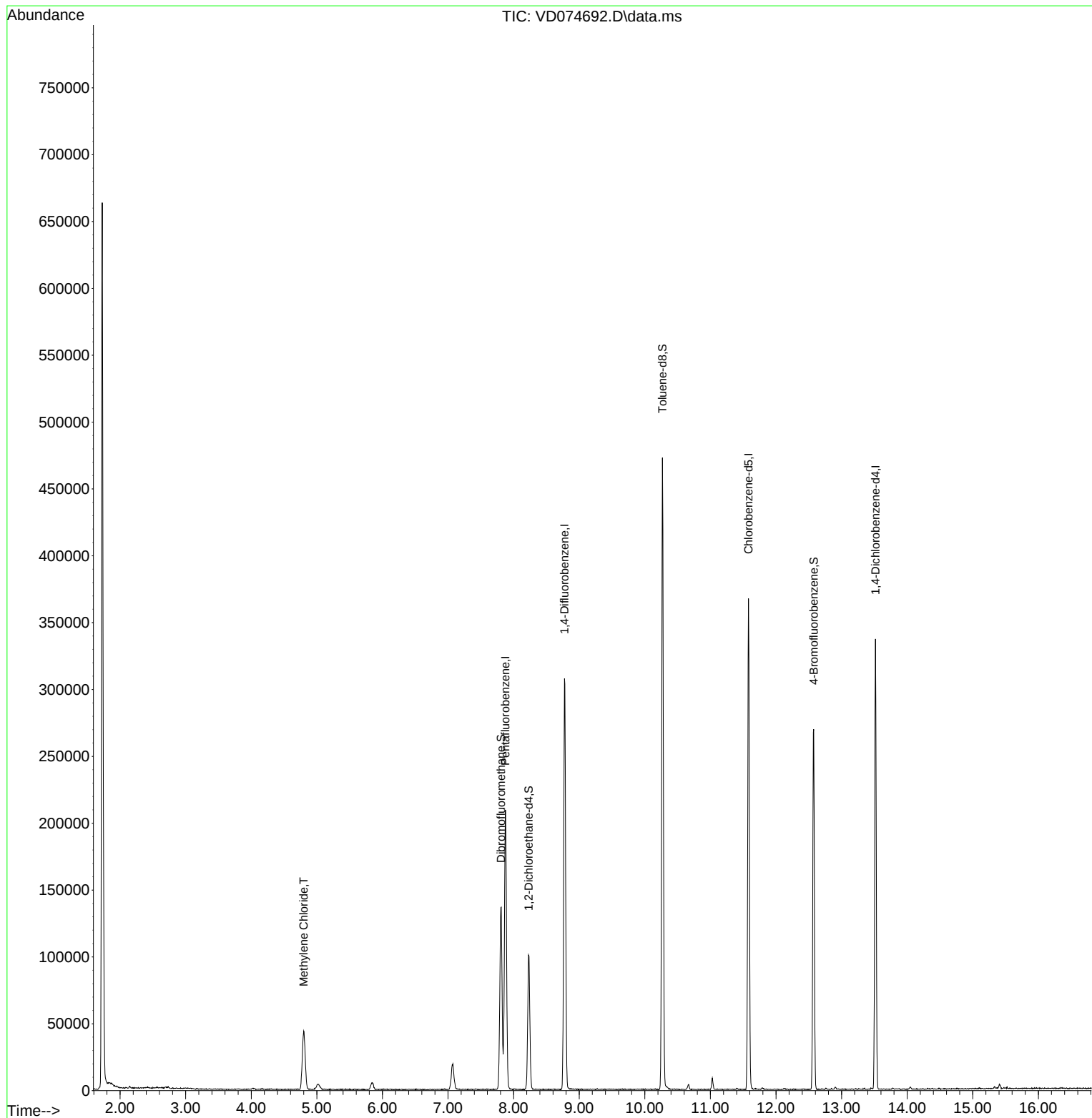
Internal Standards						
1) Pentafluorobenzene	7.875	168	169417	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	299419	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	231098	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	91952	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	79676	55.721	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.440%
35) Dibromofluoromethane	7.811	113	103021	56.347	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	112.700%
50) Toluene-d8	10.269	98	336358	47.838	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	95.680%
62) 4-Bromofluorobenzene	12.575	95	88251	45.702	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	91.400%
Target Compounds						
20) Methylene Chloride	4.799	84	38712	6.043	ug/l	Qvalue 91

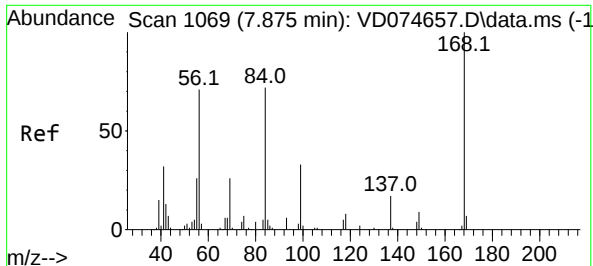
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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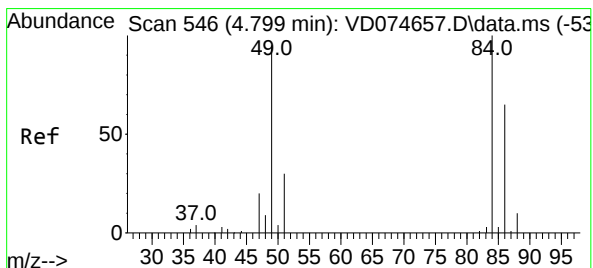
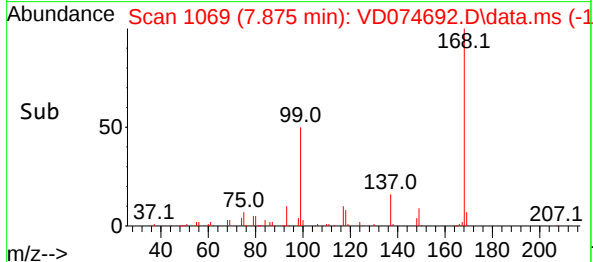
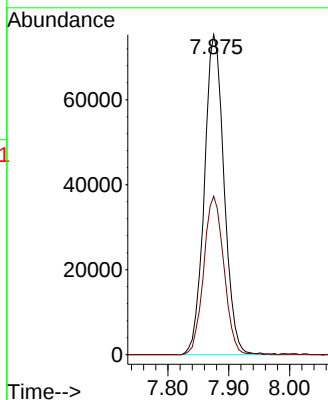
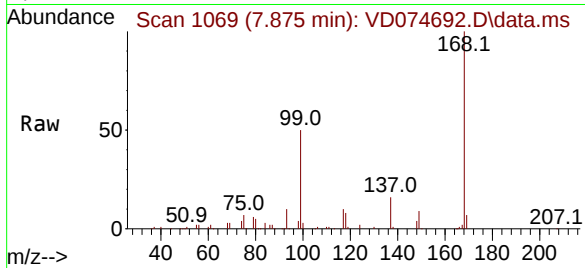




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074692.D
Acq: 31 Oct 2022 17:04

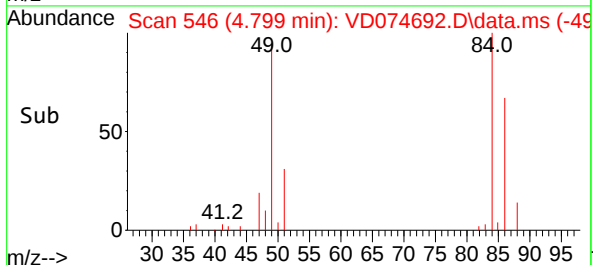
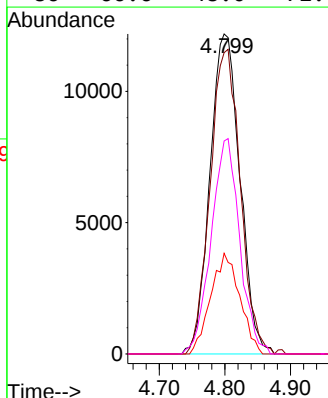
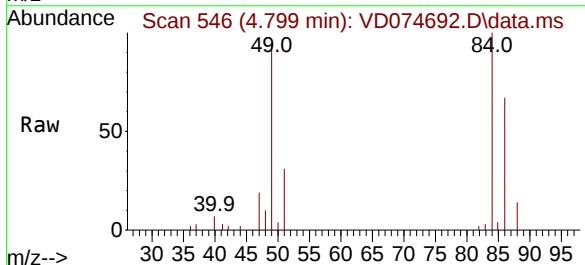
Instrument :
MSVOA_D
ClientSampleId :
NWB-1841

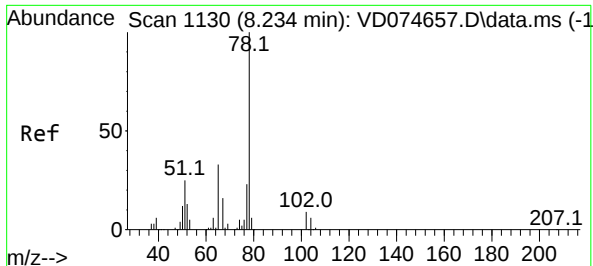
Tgt Ion:168 Resp: 169417
Ion Ratio Lower Upper
168 100
99 49.5 40.9 61.3



#20
Methylene Chloride
Concen: 6.043 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD074692.D
Acq: 31 Oct 2022 17:04

Tgt Ion: 84 Resp: 38712
Ion Ratio Lower Upper
84 100
49 94.1 68.0 102.0
51 31.4 23.2 34.8
86 66.6 48.0 72.0





#33

1,2-Dichloroethane-d4

Concen: 55.721 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD074692.D

Acq: 31 Oct 2022 17:04

Instrument :

MSVOA_D

ClientSampleId :

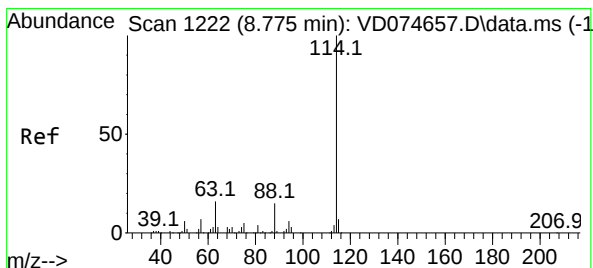
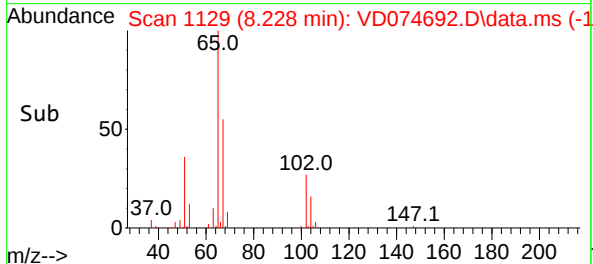
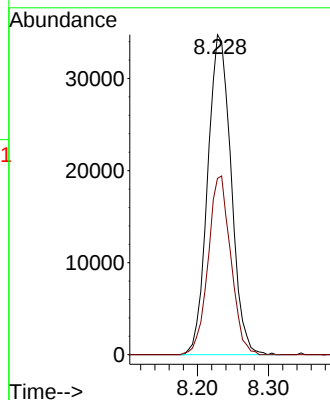
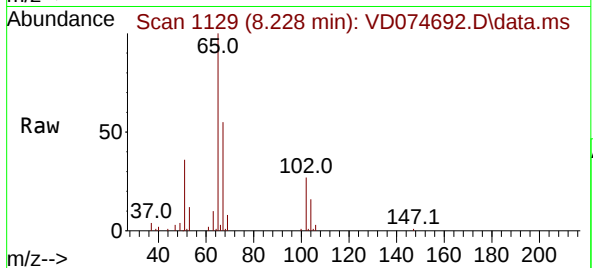
NWB-1841

Tgt Ion: 65 Resp: 79676

Ion Ratio Lower Upper

65 100

67 53.9 0.0 110.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD074692.D

Acq: 31 Oct 2022 17:04

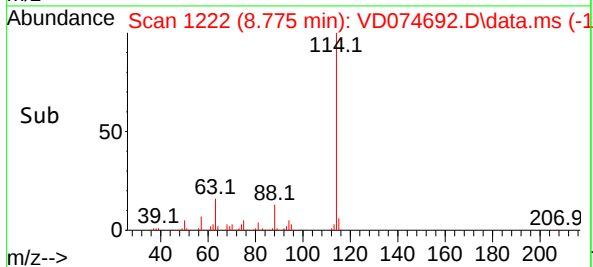
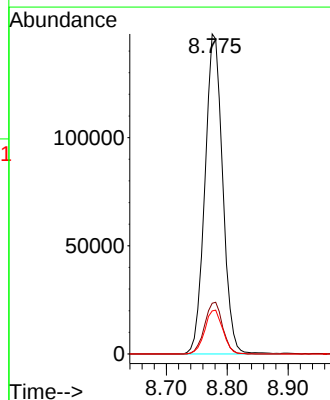
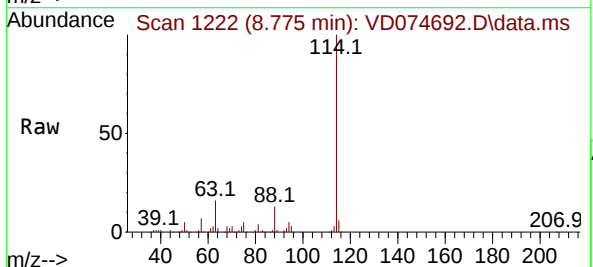
Tgt Ion: 114 Resp: 299419

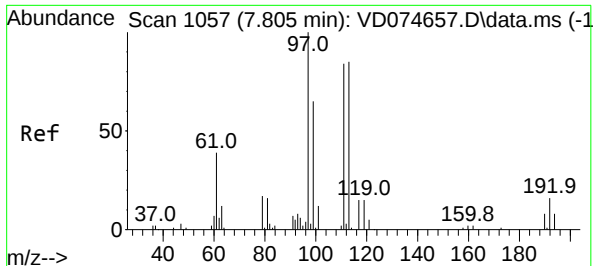
Ion Ratio Lower Upper

114 100

63 15.9 0.0 33.2

88 13.5 0.0 28.2





#35

Dibromofluoromethane

Concen: 56.347 ug/l

RT: 7.811 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD074692.D

Acq: 31 Oct 2022 17:04

Instrument :

MSVOA_D

ClientSampleId :

NWB-1841

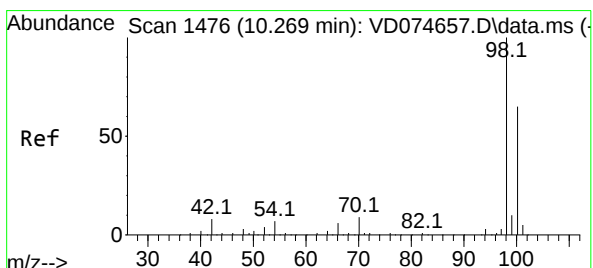
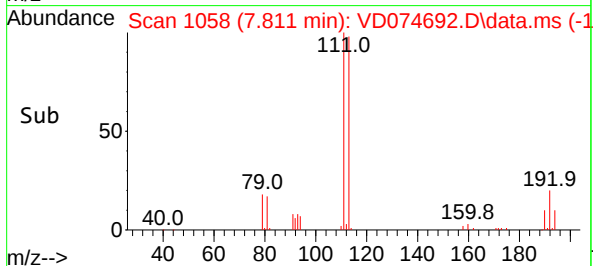
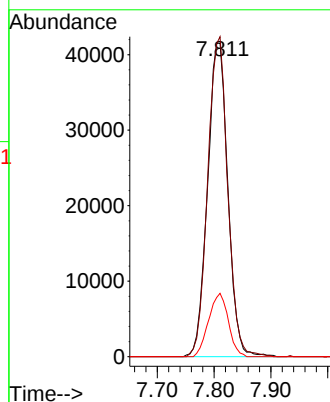
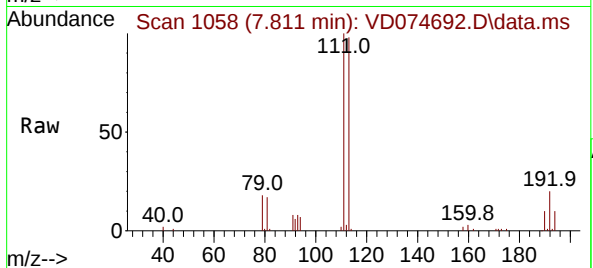
Tgt Ion:113 Resp: 103021

Ion Ratio Lower Upper

113 100

111 100.4 82.3 123.5

192 19.6 16.4 24.6



#50

Toluene-d8

Concen: 47.838 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD074692.D

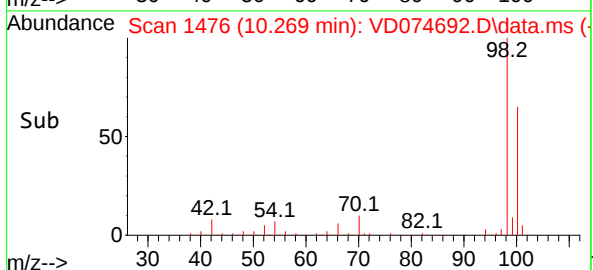
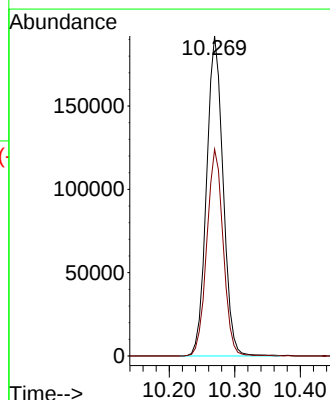
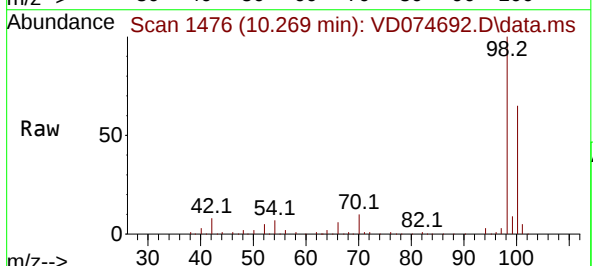
Acq: 31 Oct 2022 17:04

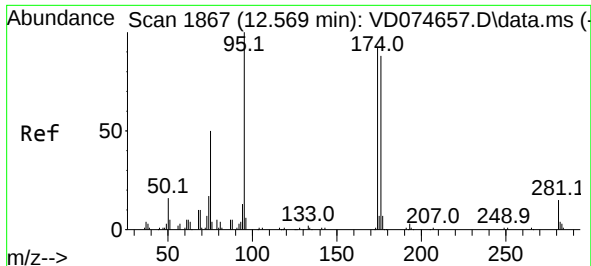
Tgt Ion: 98 Resp: 336358

Ion Ratio Lower Upper

98 100

100 64.1 51.4 77.0

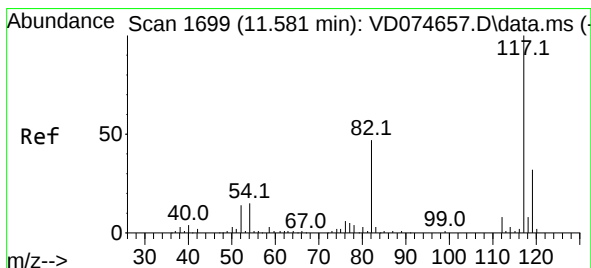
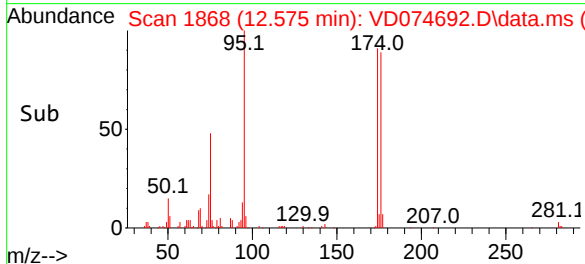
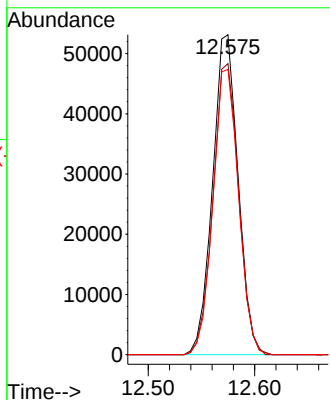
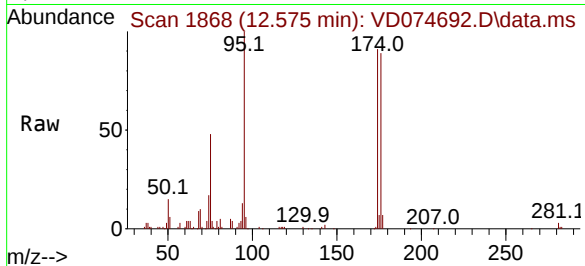




#62
4-Bromofluorobenzene
Concen: 45.702 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD074692.D
Acq: 31 Oct 2022 17:04

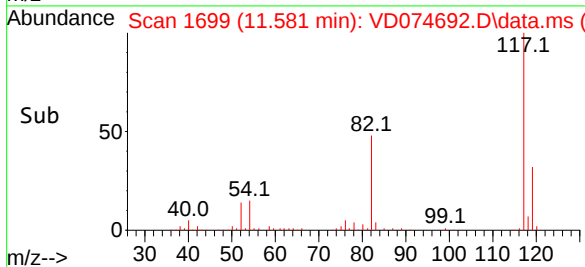
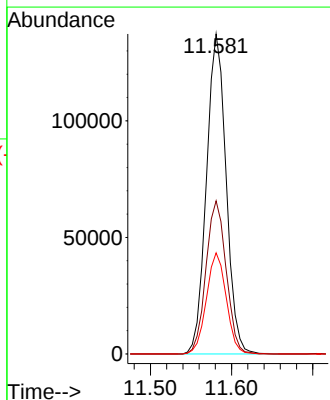
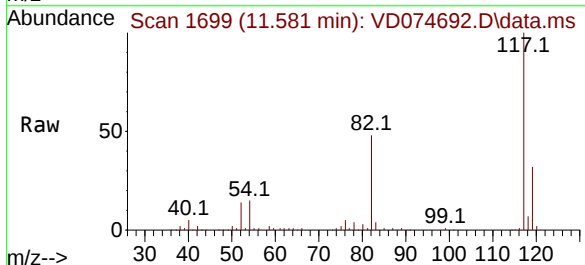
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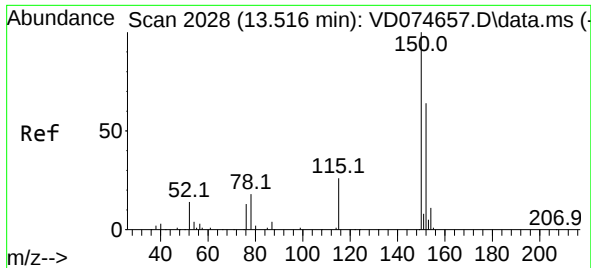
Tgt Ion: 95 Resp: 88251
Ion Ratio Lower Upper
95 100
174 91.5 0.0 197.0
176 89.3 0.0 182.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD074692.D
Acq: 31 Oct 2022 17:04

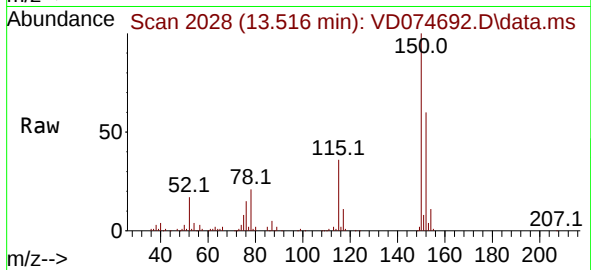
Tgt Ion: 117 Resp: 231098
Ion Ratio Lower Upper
117 100
82 47.8 41.6 62.4
119 31.6 25.2 37.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VD074692.D
 Acq: 31 Oct 2022 17:04

Instrument :
 MSVOA_D
 ClientSampleId :
 NWB-1841



Tgt Ion:152 Resp: 91952
 Ion Ratio Lower Upper
 152 100
 115 56.9 26.8 80.4
 150 160.0 0.0 348.2

