

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD103122\
 Data File : VD074688.D
 Acq On : 31 Oct 2022 15:13
 Operator : VA/SY
 Sample : N5308-01
 Misc : 4.99G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PL-2-102622

Quant Time: Oct 31 16:27:26 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)

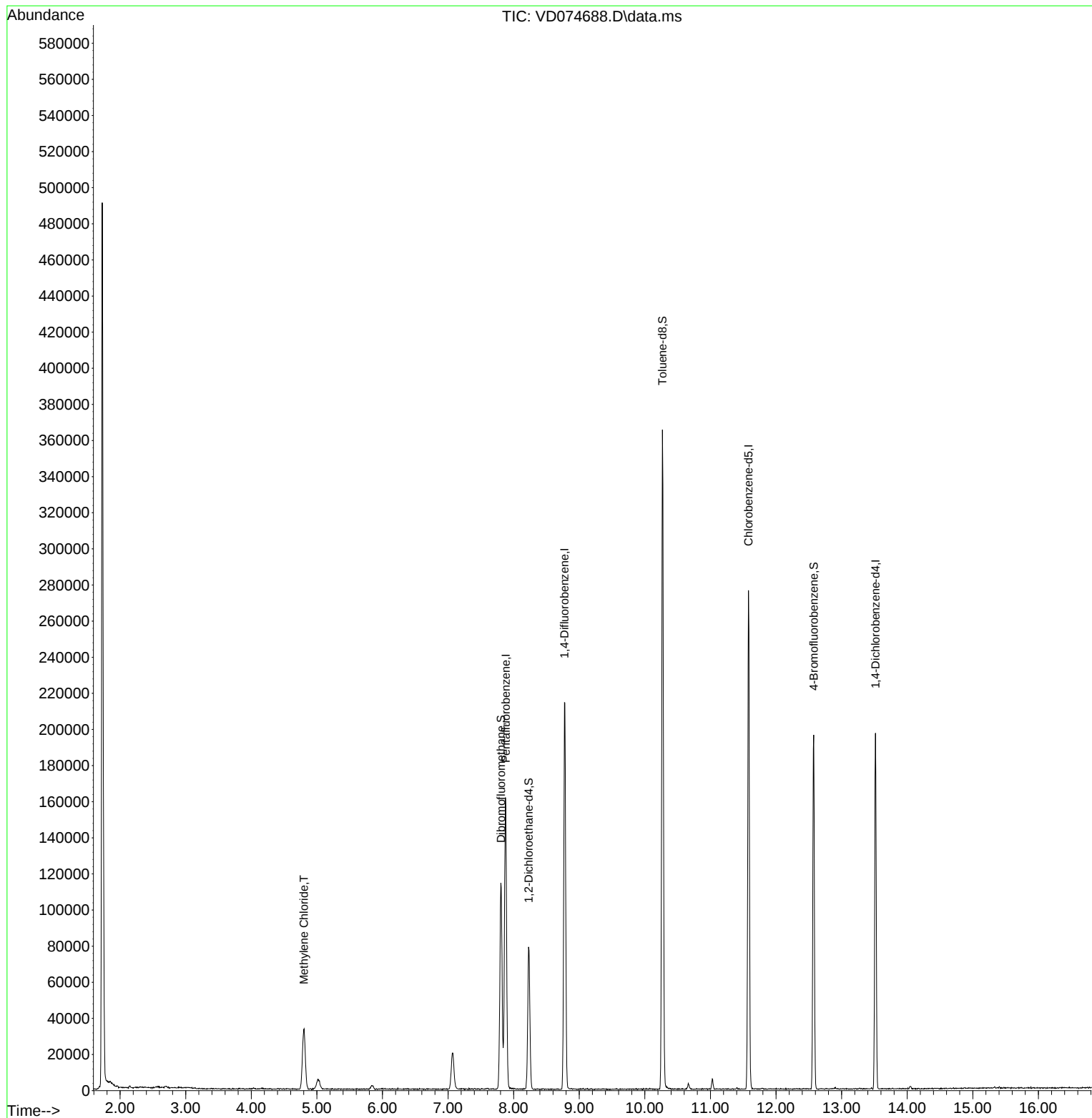
Internal Standards						
1) Pentafluorobenzene	7.881	168	134239	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	207540	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	173328	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	55957	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	62032	54.750	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.500%	
35) Dibromofluoromethane	7.810	113	83578	65.950	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 131.900%	
50) Toluene-d8	10.269	98	262027	53.765	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 107.520%	
62) 4-Bromofluorobenzene	12.575	95	61527	45.968	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 91.940%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.805	84	29650	5.298	ug/l	90

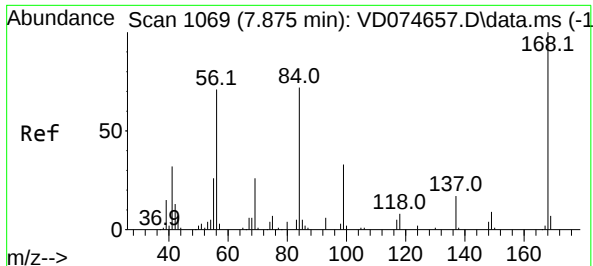
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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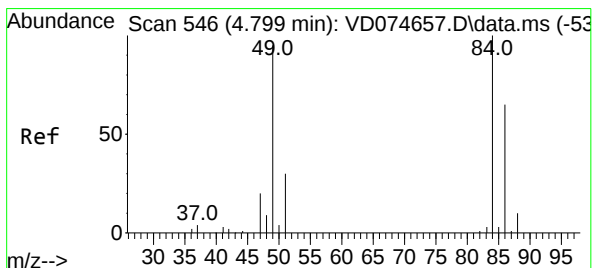
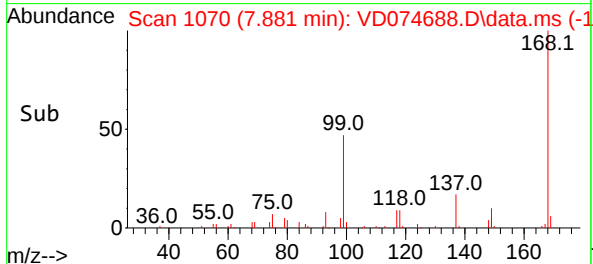
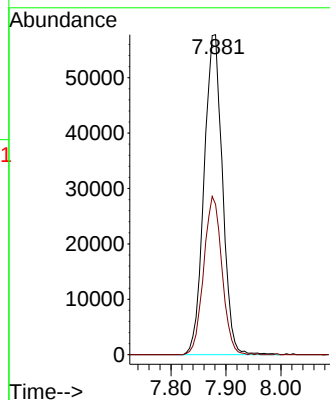
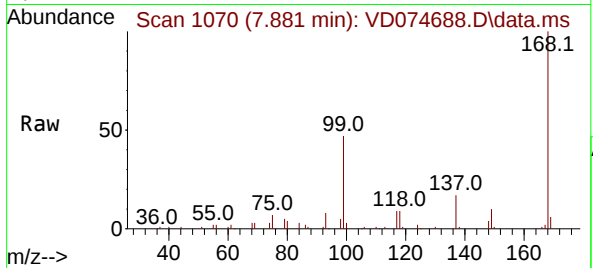




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD074688.D
Acq: 31 Oct 2022 15:13

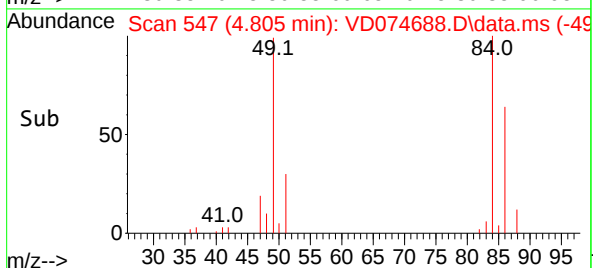
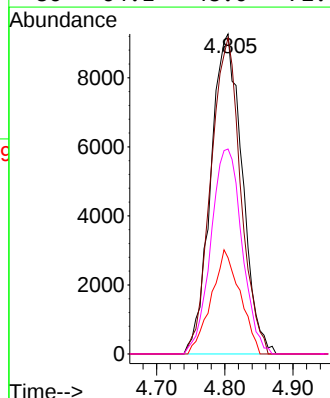
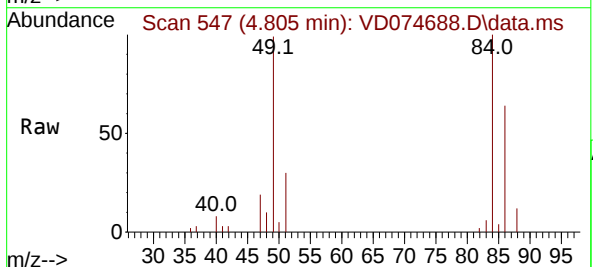
Instrument :
MSVOA_D
ClientSampleId :
PL-2-102622

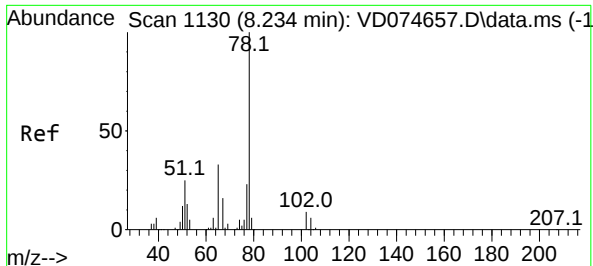
Tgt Ion:168 Resp: 134239
Ion Ratio Lower Upper
168 100
99 47.0 40.9 61.3



#20
Methylene Chloride
Concen: 5.298 ug/l
RT: 4.805 min Scan# 547
Delta R.T. 0.006 min
Lab File: VD074688.D
Acq: 31 Oct 2022 15:13

Tgt Ion: 84 Resp: 29650
Ion Ratio Lower Upper
84 100
49 98.8 68.0 102.0
51 30.0 23.2 34.8
86 64.1 48.0 72.0





#33

1,2-Dichloroethane-d4

Concen: 54.750 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD074688.D

Acq: 31 Oct 2022 15:13

Instrument :

MSVOA_D

ClientSampleId :

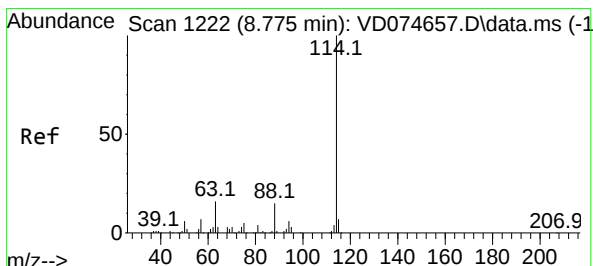
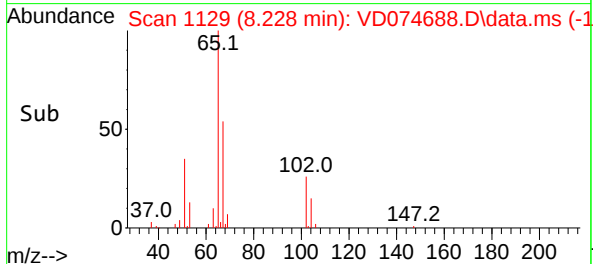
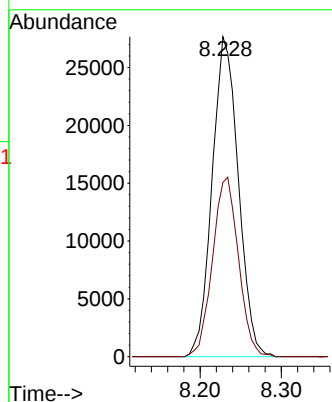
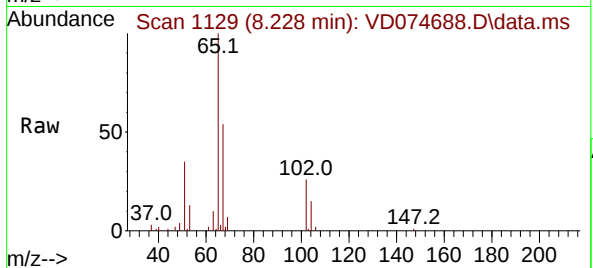
PL-2-102622

Tgt Ion: 65 Resp: 62032

Ion Ratio Lower Upper

65 100

67 55.5 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: VD074688.D

Acq: 31 Oct 2022 15:13

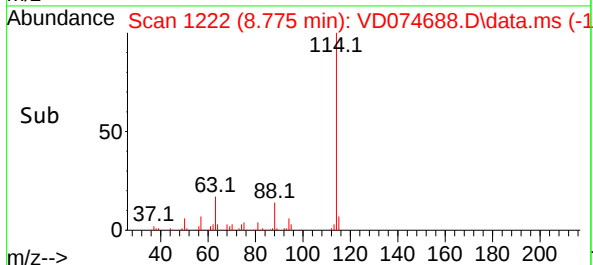
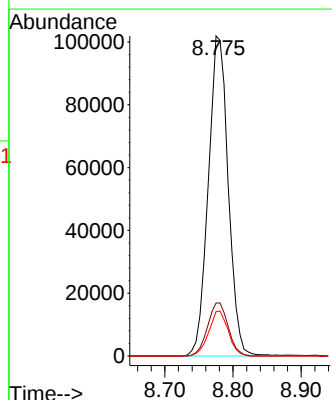
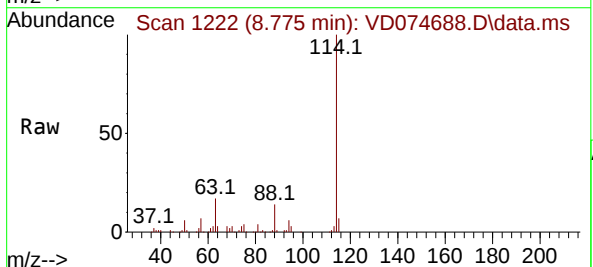
Tgt Ion: 114 Resp: 207540

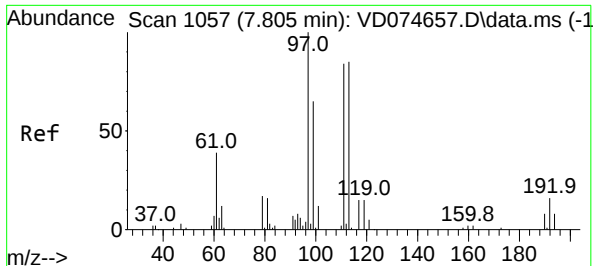
Ion Ratio Lower Upper

114 100

63 16.5 0.0 33.2

88 13.9 0.0 28.2





#35

Dibromofluoromethane

Concen: 65.950 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.005 min

Lab File: VD074688.D

Acq: 31 Oct 2022 15:13

Instrument :

MSVOA_D

ClientSampleId :

PL-2-102622

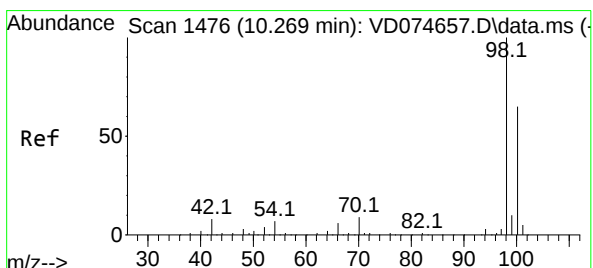
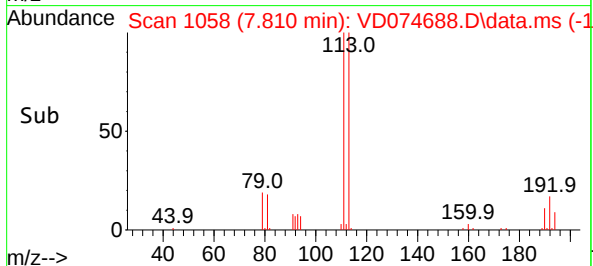
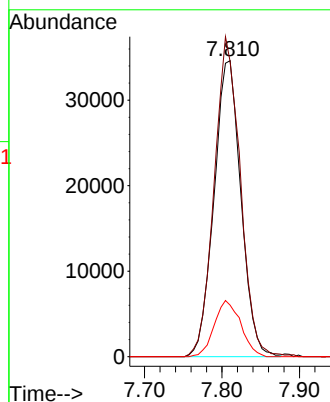
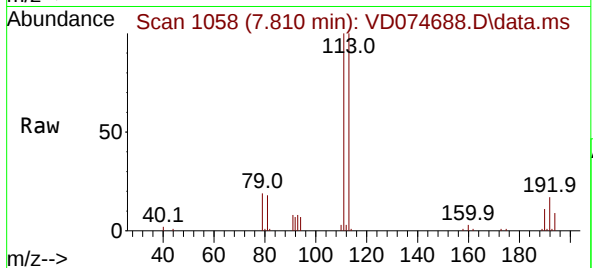
Tgt Ion:113 Resp: 83578

Ion Ratio Lower Upper

113 100

111 104.9 82.3 123.5

192 18.7 16.4 24.6



#50

Toluene-d8

Concen: 53.765 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD074688.D

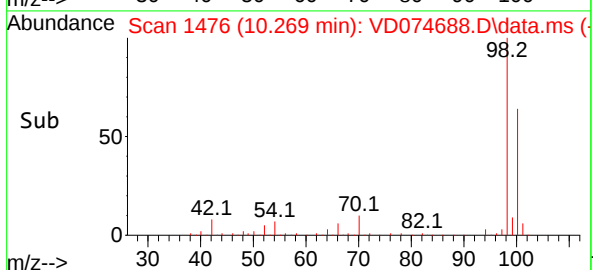
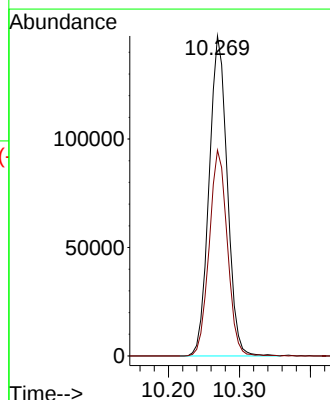
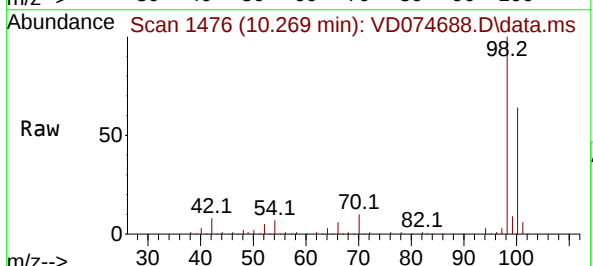
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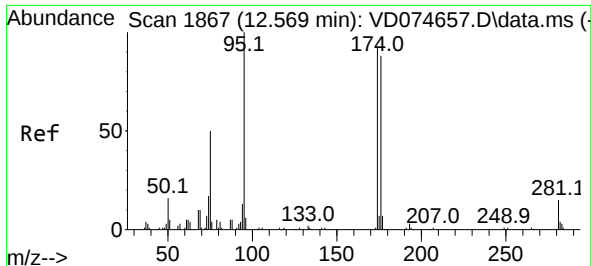
Tgt Ion: 98 Resp: 262027

Ion Ratio Lower Upper

98 100

100 64.2 51.4 77.0

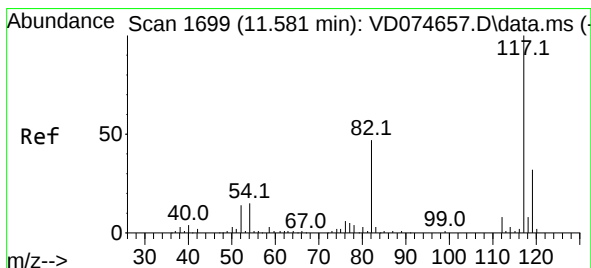
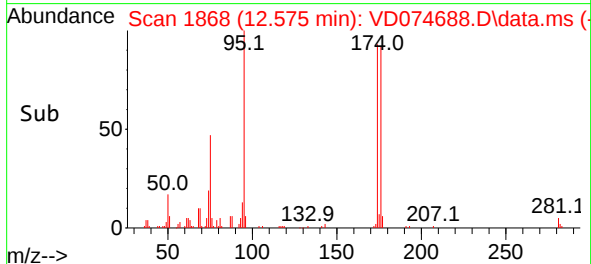
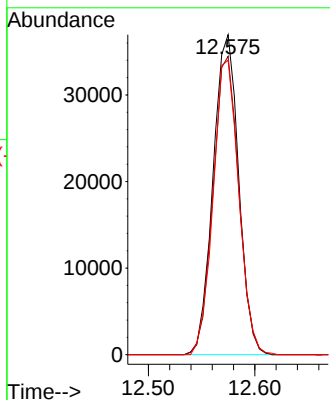
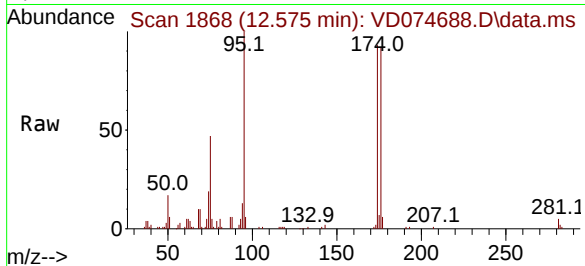




#62
4-Bromofluorobenzene
Concen: 45.968 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD074688.D
Acq: 31 Oct 2022 15:13

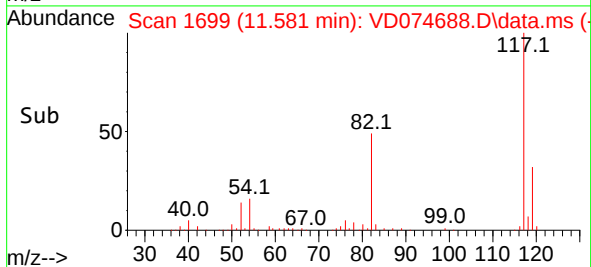
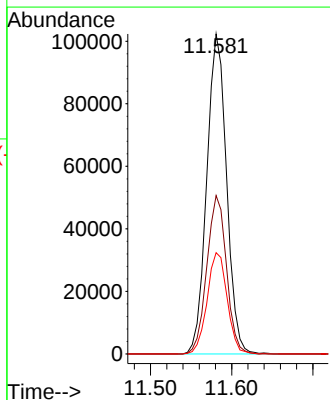
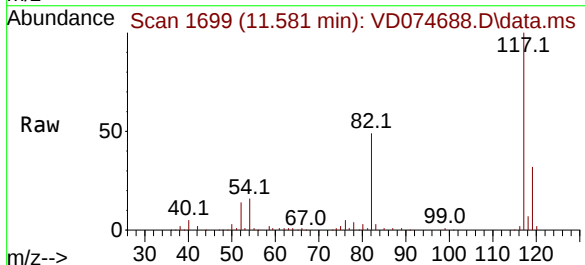
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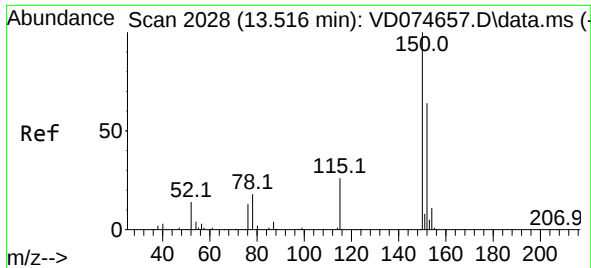
Tgt Ion: 95 Resp: 61527
Ion Ratio Lower Upper
95 100
174 93.5 0.0 197.0
176 92.2 0.0 182.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD074688.D
Acq: 31 Oct 2022 15:13

Tgt Ion: 117 Resp: 173328
Ion Ratio Lower Upper
117 100
82 49.5 41.6 62.4
119 31.7 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: VD074688.D

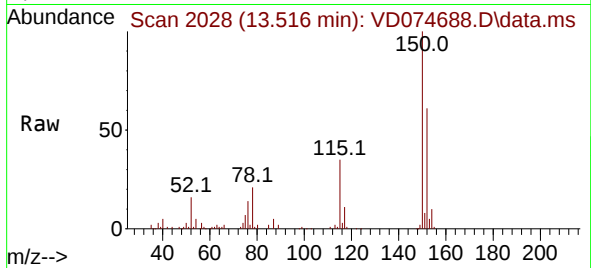
Acq: 31 Oct 2022 15:13

Instrument :

MSVOA_D

ClientSampleId :

PL-2-102622



Tgt Ion:152 Resp: 55957

Ion Ratio Lower Upper

152 100

115 56.2 26.8 80.4

150 159.6 0.0 348.2

