

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092022\
 Data File : VD074374.D
 Acq On : 20 Sep 2022 19:13
 Operator : VA/SY
 Sample : N4668-08
 Misc : 6.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 A5-6-18

Quant Time: Sep 21 02:25:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D091622S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 17 04:16:54 2022
 Response via : Initial Calibration

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

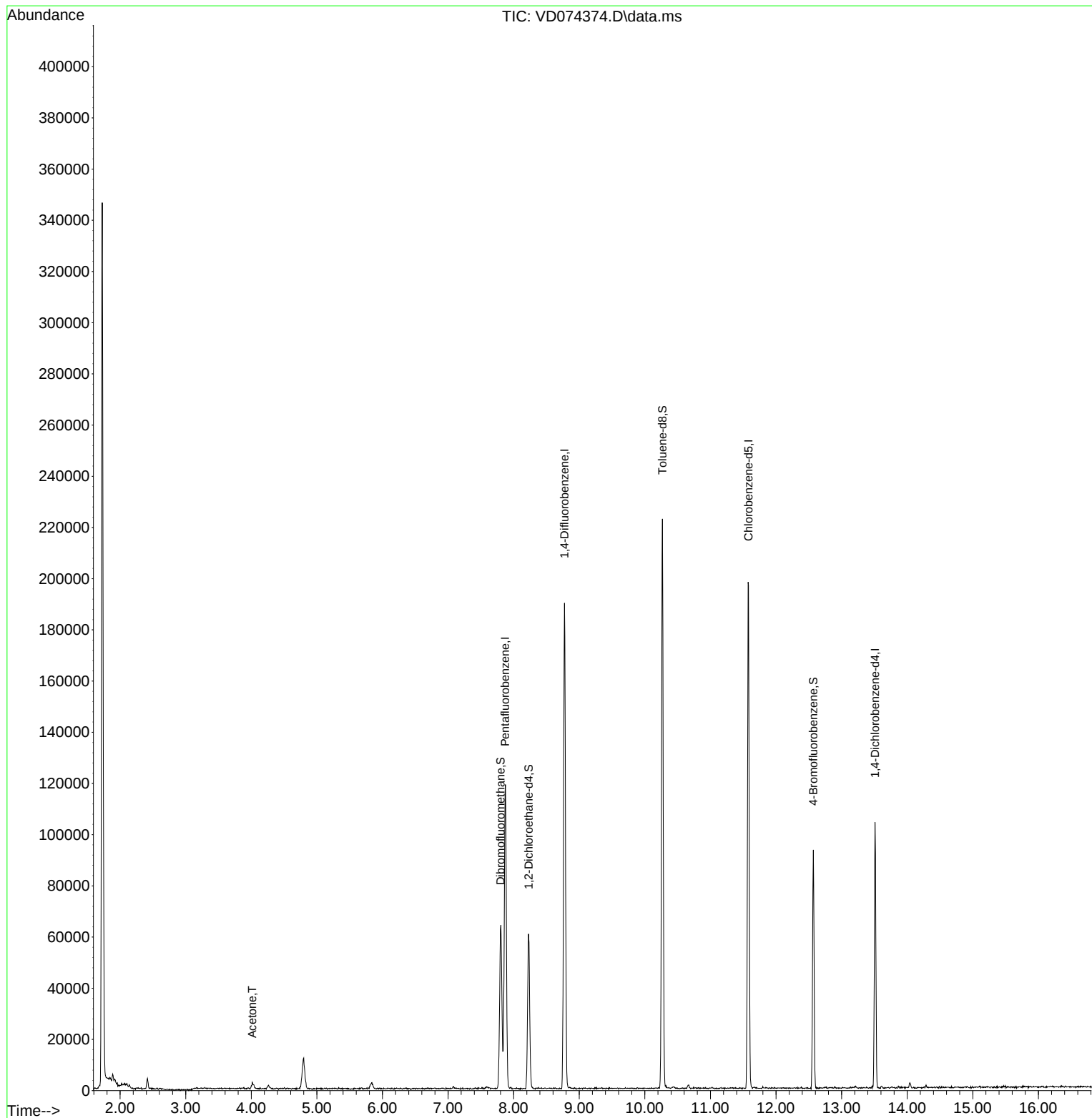
Internal Standards						
1) Pentafluorobenzene	7.869	168	92064	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	169090	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	115475	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.510	152	27940	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	46781	52.169	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	104.340%
35) Dibromofluoromethane	7.799	113	46209	41.494	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	82.980%
50) Toluene-d8	10.269	98	153115	39.847	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	79.700%
62) 4-Bromofluorobenzene	12.569	95	26764	16.751	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	33.500%
Target Compounds					Qvalue	
16) Acetone	4.016	43	3540	17.523	ug/l	92

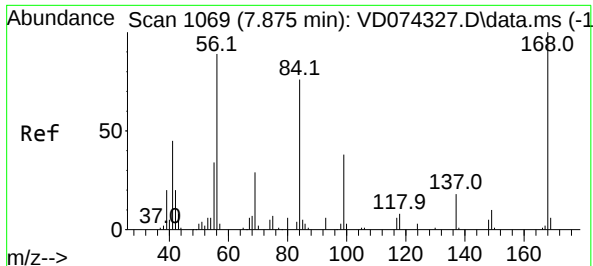
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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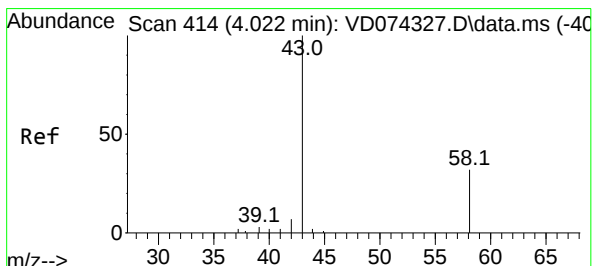
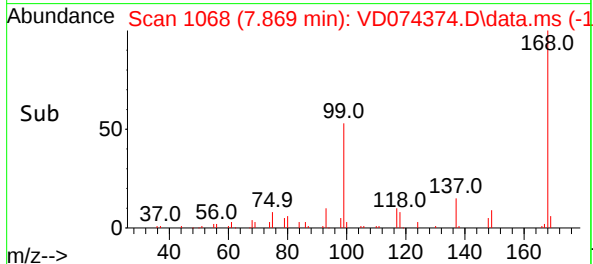
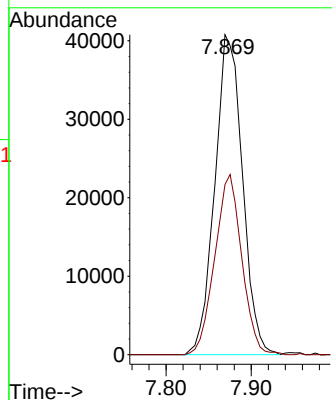
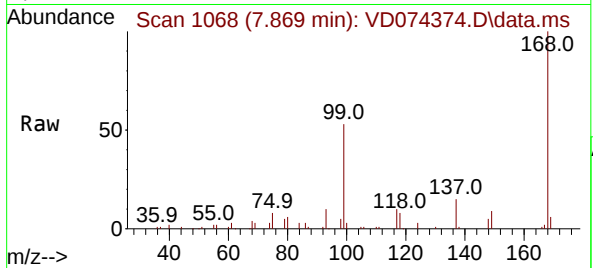




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD074374.D
Acq: 20 Sep 2022 19:13

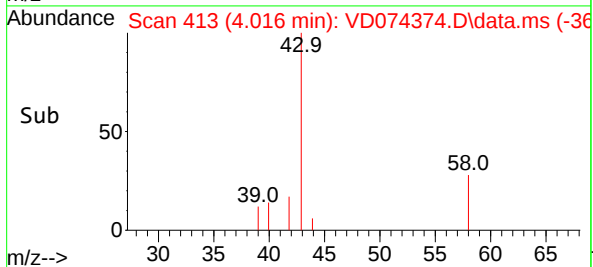
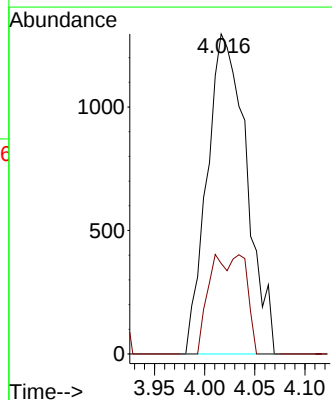
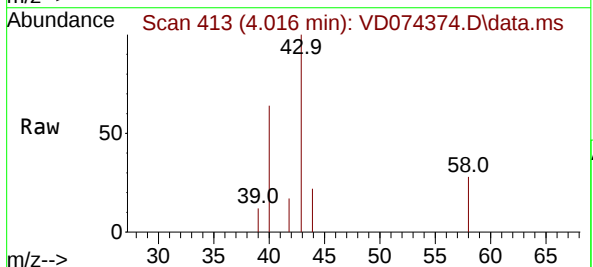
Instrument :
MSVOA_D
ClientSampleId :
A5-6-18

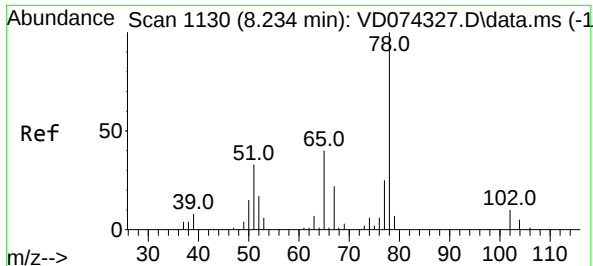
Tgt Ion:168 Resp: 92064
Ion Ratio Lower Upper
168 100
99 53.2 43.0 64.6



#16
Acetone
Concen: 17.523 ug/l
RT: 4.016 min Scan# 413
Delta R.T. -0.006 min
Lab File: VD074374.D
Acq: 20 Sep 2022 19:13

Tgt Ion: 43 Resp: 3540
Ion Ratio Lower Upper
43 100
58 28.3 26.4 39.6





#33

1,2-Dichloroethane-d4

Concen: 52.169 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD074374.D

Acq: 20 Sep 2022 19:13

Instrument :

MSVOA_D

ClientSampleId :

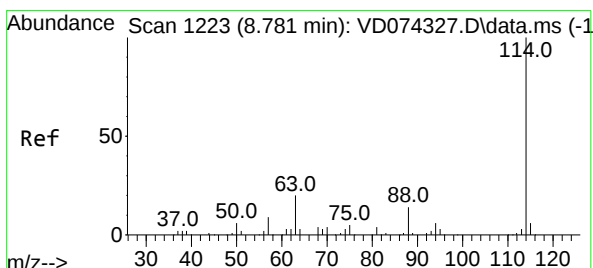
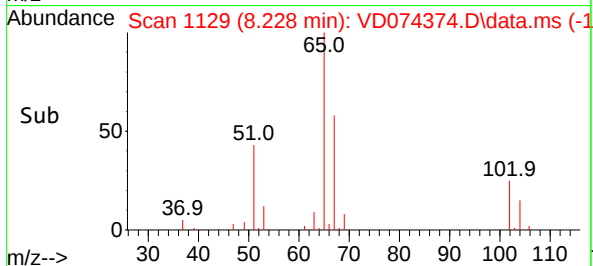
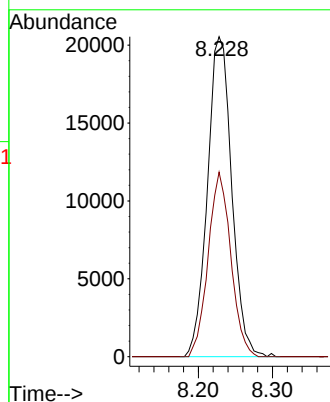
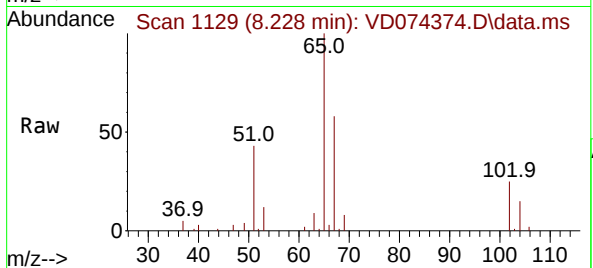
A5-6-18

Tgt Ion: 65 Resp: 46781

Ion Ratio Lower Upper

65 100

67 53.9 0.0 110.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.006 min

Lab File: VD074374.D

Acq: 20 Sep 2022 19:13

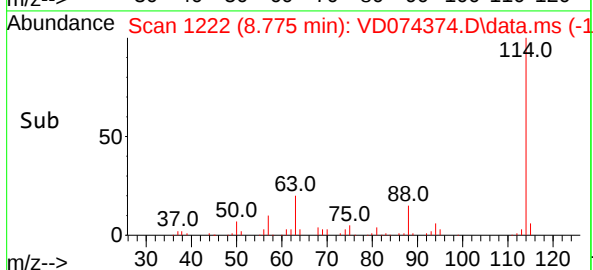
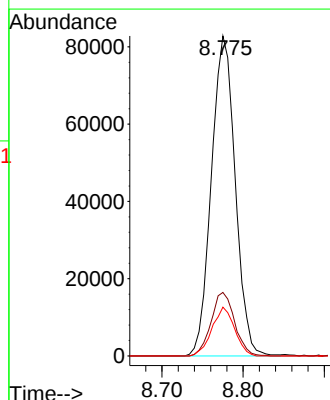
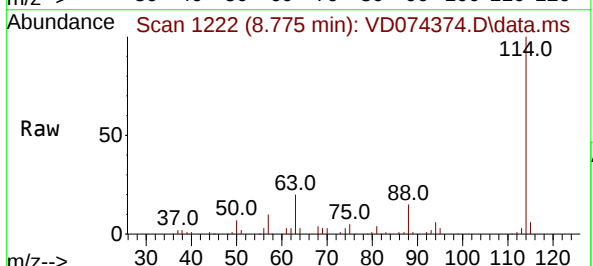
Tgt Ion: 114 Resp: 169090

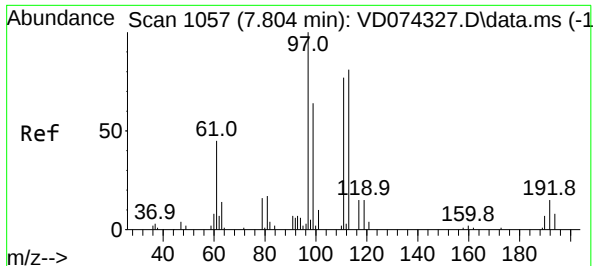
Ion Ratio Lower Upper

114 100

63 19.8 0.0 37.6

88 15.2 0.0 28.4





#35

Dibromofluoromethane

Concen: 41.494 ug/l

RT: 7.799 min Scan# 1056

Delta R.T. -0.005 min

Lab File: VD074374.D

Acq: 20 Sep 2022 19:13

Instrument :

MSVOA_D

ClientSampleId :

A5-6-18

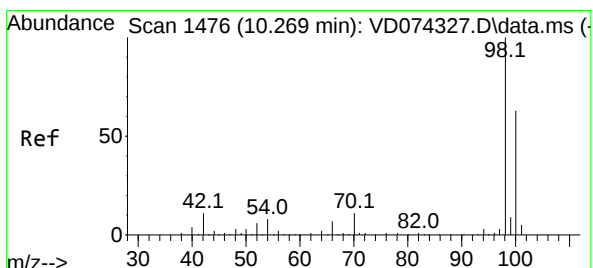
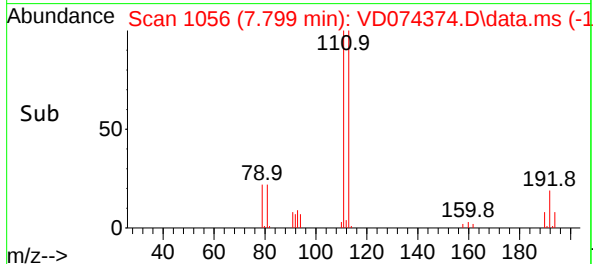
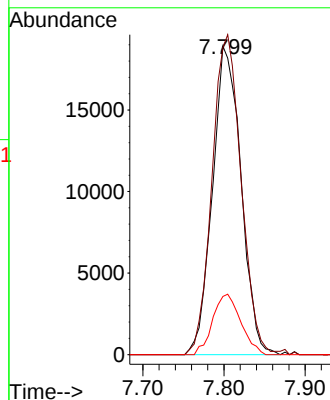
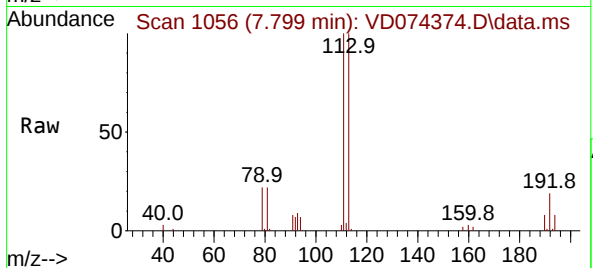
Tgt Ion:113 Resp: 46209

Ion Ratio Lower Upper

113 100

111 105.4 83.0 124.6

192 19.3 16.2 24.2



#50

Toluene-d8

Concen: 39.847 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD074374.D

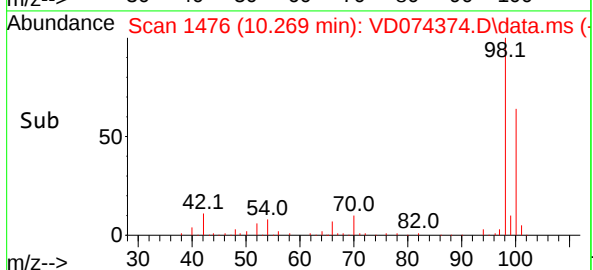
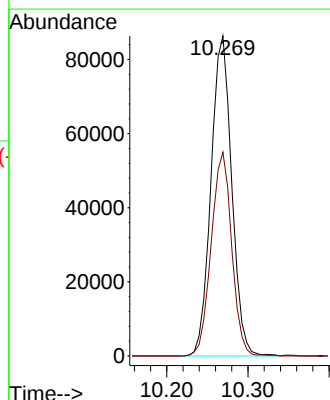
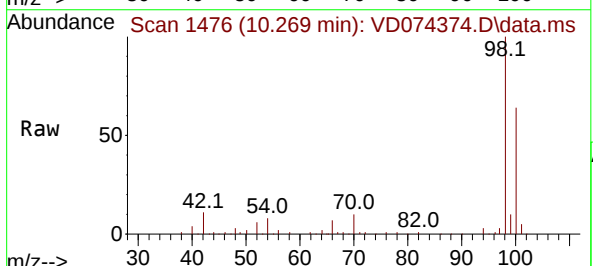
Acq: 20 Sep 2022 19:13

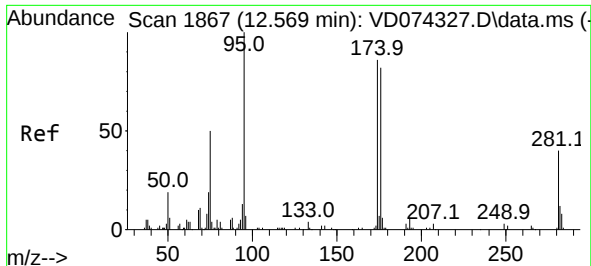
Tgt Ion: 98 Resp: 153115

Ion Ratio Lower Upper

98 100

100 62.8 51.8 77.8

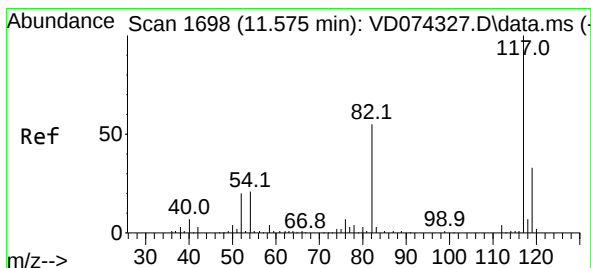
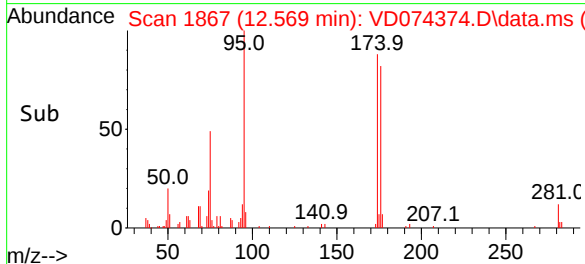
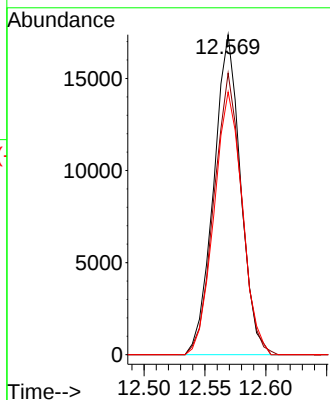
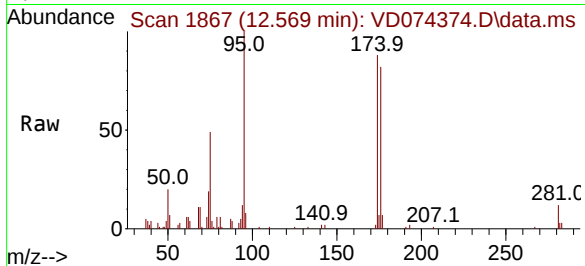




#62
4-Bromofluorobenzene
Concen: 16.751 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD074374.D
Acq: 20 Sep 2022 19:13

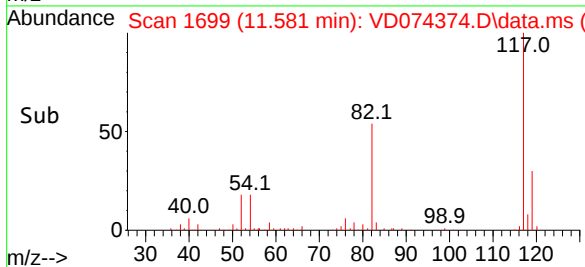
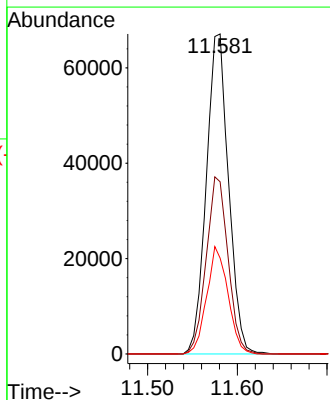
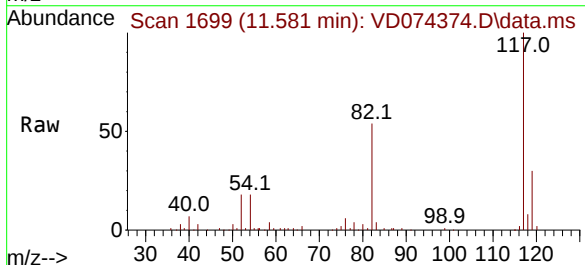
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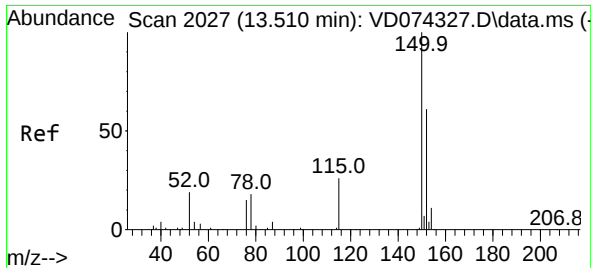
Tgt Ion:	95	Resp:	26764
Ion	Ratio	Lower	Upper
95	100		
174	90.0	0.0	179.2
176	86.4	0.0	171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.006 min
Lab File: VD074374.D
Acq: 20 Sep 2022 19:13

Tgt Ion:	117	Resp:	115475
Ion	Ratio	Lower	Upper
117	100		
82	53.8	44.2	66.2
119	30.0	25.4	38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.510 min Scan# 20

Delta R.T. 0.000 min

Lab File: VD074374.D

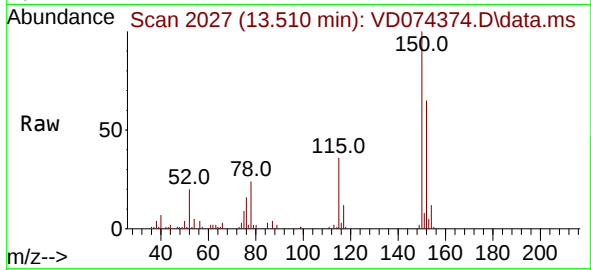
Acq: 20 Sep 2022 19:13

Instrument :

MSVOA_D

ClientSampleId :

A5-6-18



Tgt Ion:152 Resp: 27940

Ion Ratio Lower Upper

152 100

115 54.4 28.4 85.2

150 152.1 0.0 351.0

