

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091322\
 Data File : VD074269.D
 Acq On : 13 Sep 2022 16:46
 Operator : VA/SY
 Sample : N4561-01
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 72-11976

Quant Time: Sep 14 01:56:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090922S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 10 04:45:19 2022
 Response via : Initial Calibration

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

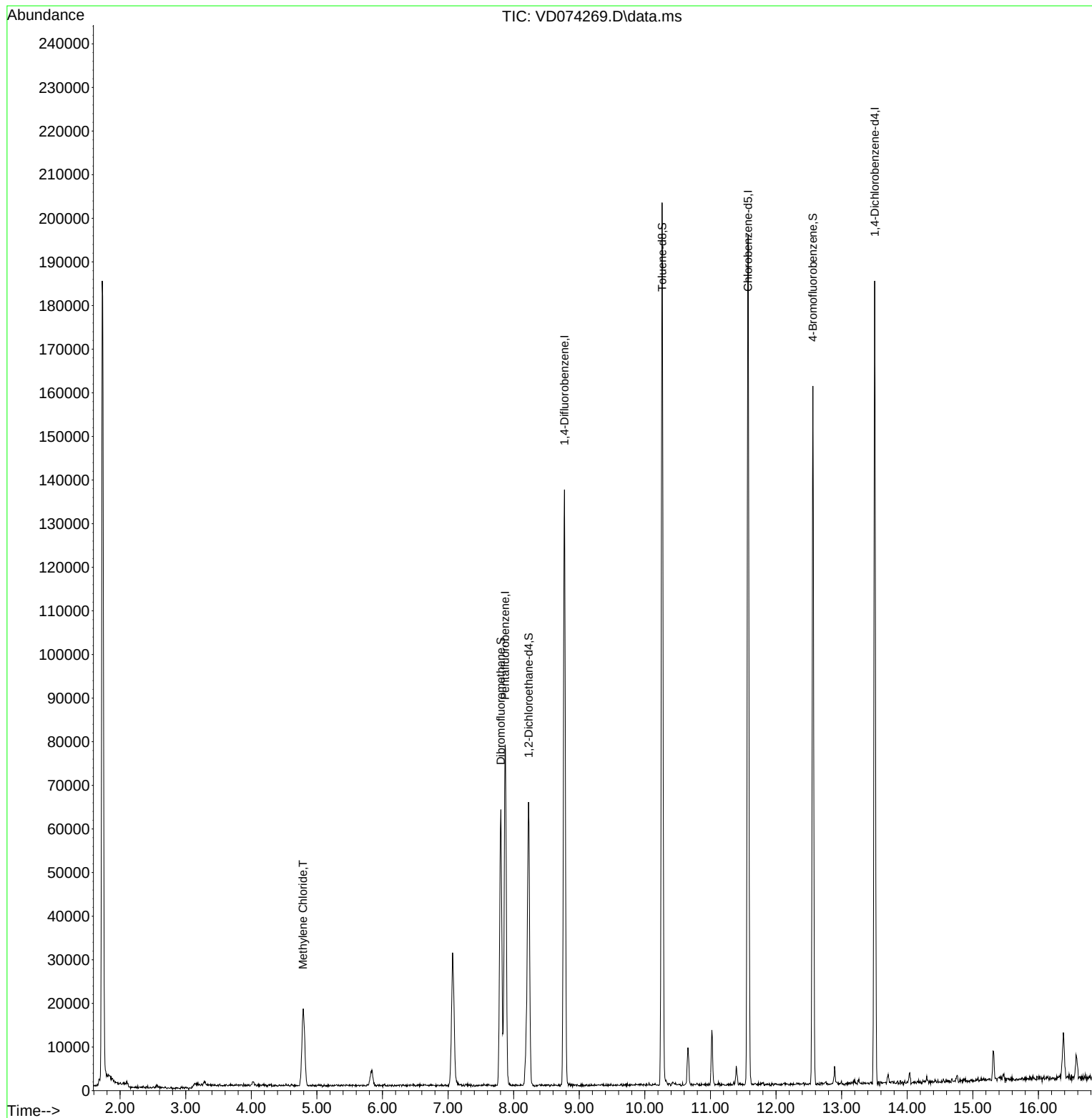
Internal Standards						
1) Pentafluorobenzene	7.869	168	62848	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	120123	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.575	117	113446	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.504	152	49173	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	48979	76.441	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	152.880%
35) Dibromofluoromethane	7.805	113	45750	57.400	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	114.800%
50) Toluene-d8	10.263	98	139622	47.417	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	94.840%
62) 4-Bromofluorobenzene	12.563	95	46365	44.295	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	88.600%
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.787	84	13643	12.368	ug/l	94

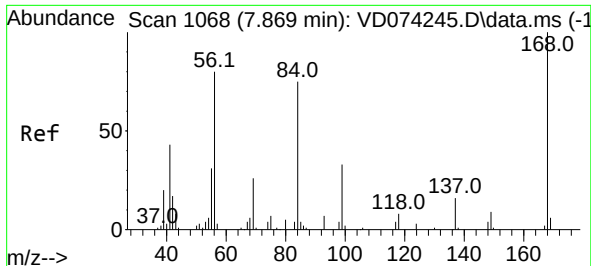
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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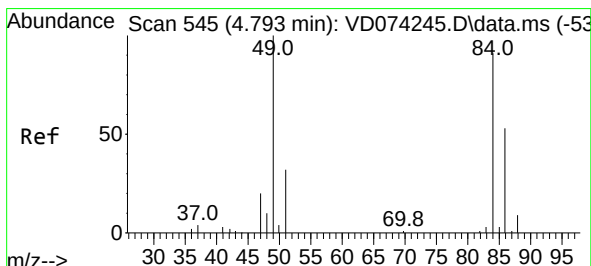
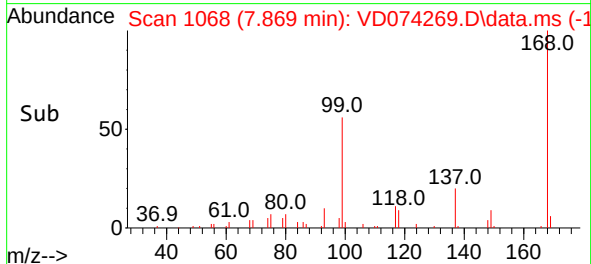
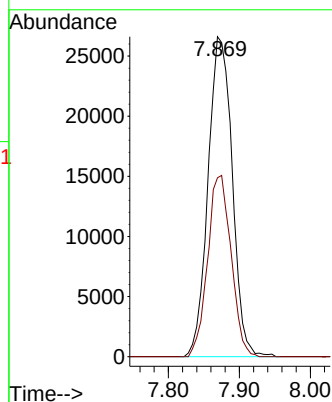
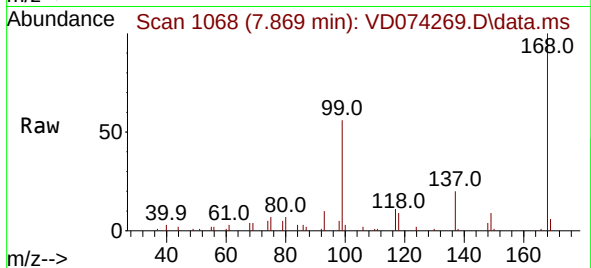




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VD074269.D
Acq: 13 Sep 2022 16:46

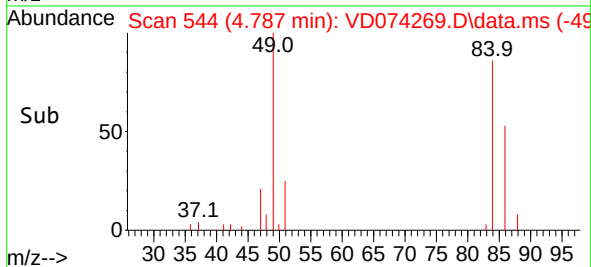
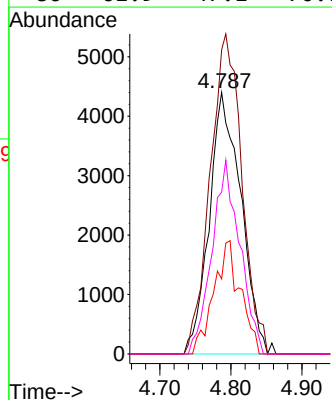
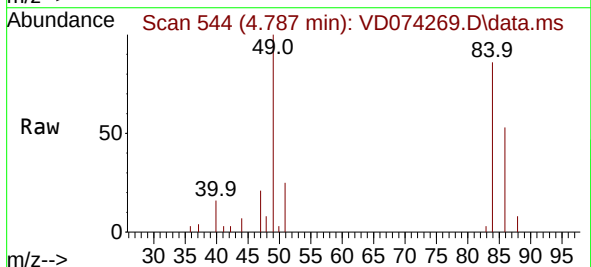
Instrument :
MSVOA_D
ClientSampleId :
72-11976

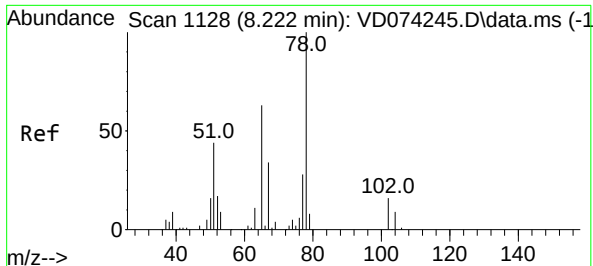
Tgt Ion:168 Resp: 62848
Ion Ratio Lower Upper
168 100
99 55.9 43.0 64.6



#20
Methylene Chloride
Concen: 12.368 ug/l
RT: 4.787 min Scan# 544
Delta R.T. -0.006 min
Lab File: VD074269.D
Acq: 13 Sep 2022 16:46

Tgt Ion: 84 Resp: 13643
Ion Ratio Lower Upper
84 100
49 116.3 88.4 132.6
51 28.7 28.0 42.0
86 61.9 47.1 70.7





#33

1,2-Dichloroethane-d4

Concen: 76.441 ug/l

RT: 8.228 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VD074269.D

Acq: 13 Sep 2022 16:46

Instrument :

MSVOA_D

ClientSampleId :

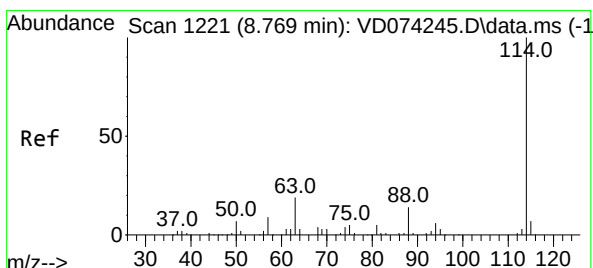
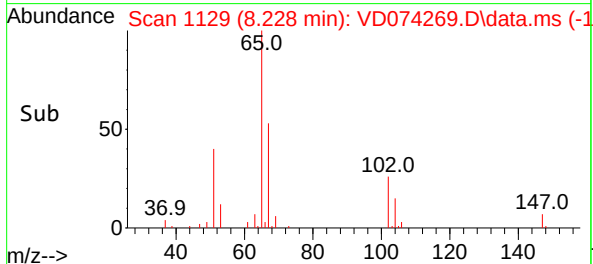
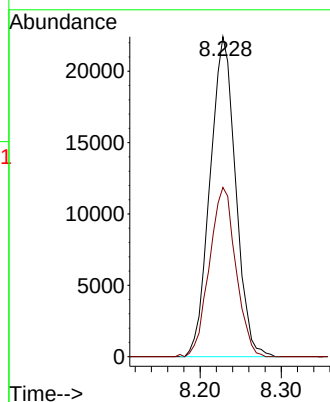
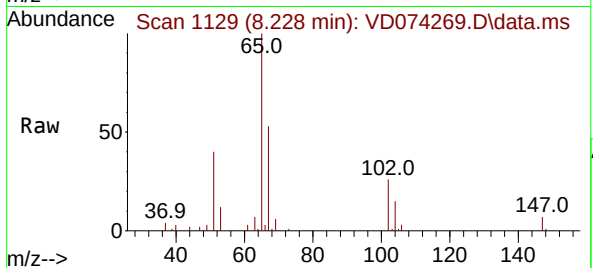
72-11976

Tgt Ion: 65 Resp: 48979

Ion Ratio Lower Upper

65 100

67 54.7 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: VD074269.D

Acq: 13 Sep 2022 16:46

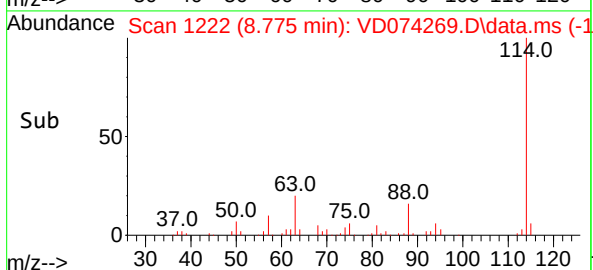
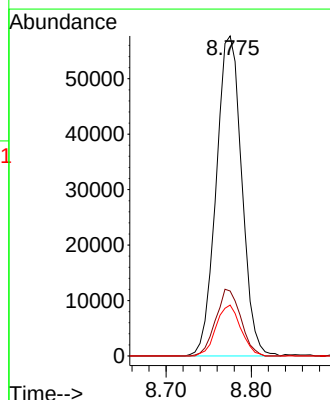
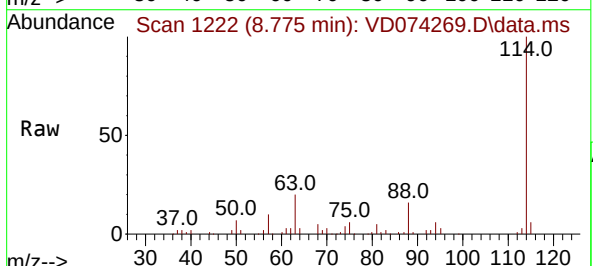
Tgt Ion: 114 Resp: 120123

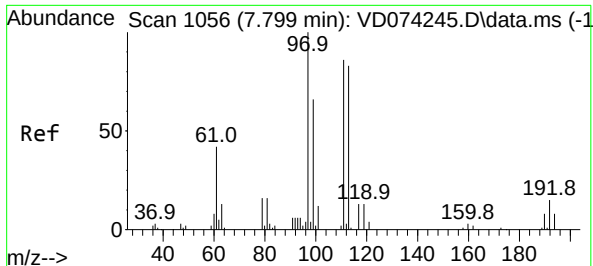
Ion Ratio Lower Upper

114 100

63 20.3 0.0 37.6

88 15.9 0.0 28.4





#35

Dibromofluoromethane

Concen: 57.400 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. 0.005 min

Lab File: VD074269.D

Acq: 13 Sep 2022 16:46

Instrument :

MSVOA_D

ClientSampleId :

72-11976

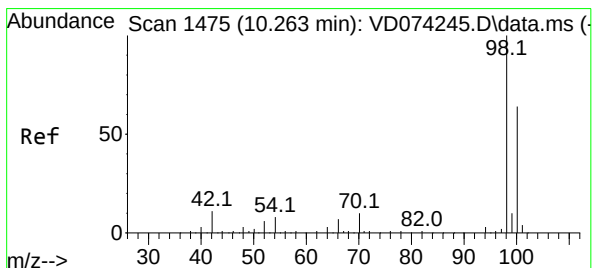
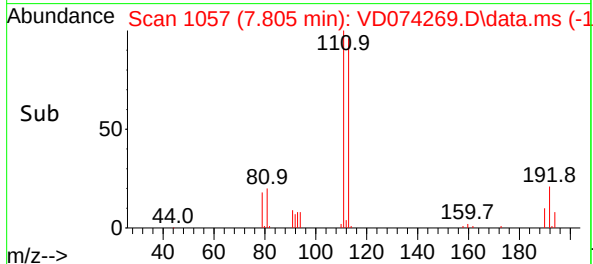
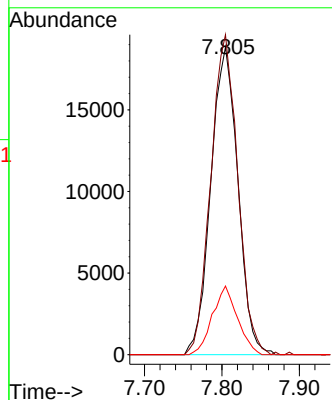
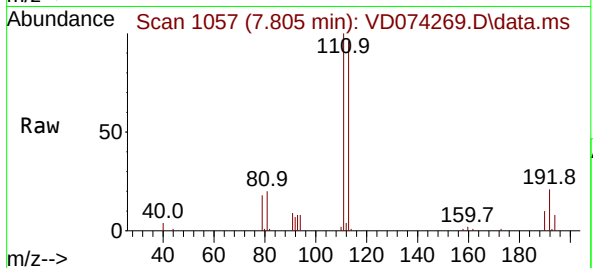
Tgt Ion:113 Resp: 45750

Ion Ratio Lower Upper

113 100

111 103.4 83.0 124.6

192 20.7 16.2 24.2



#50

Toluene-d8

Concen: 47.417 ug/l

RT: 10.263 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VD074269.D

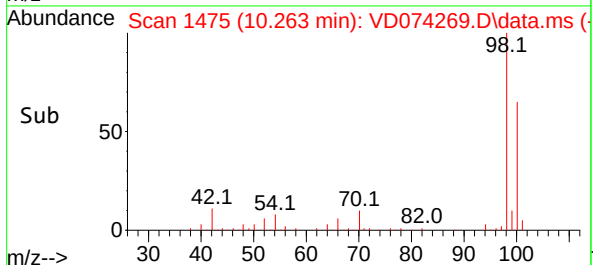
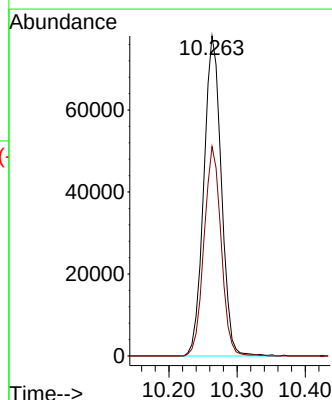
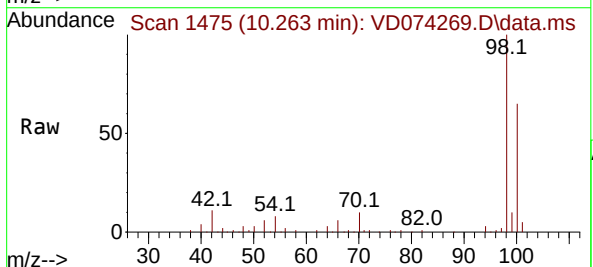
Acq: 13 Sep 2022 16:46

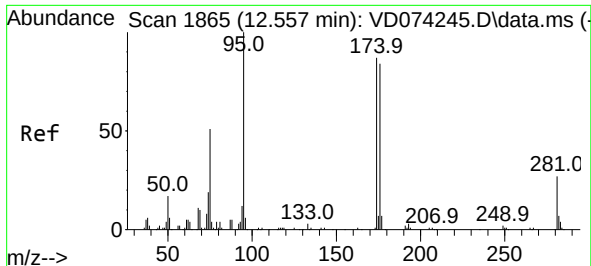
Tgt Ion: 98 Resp: 139622

Ion Ratio Lower Upper

98 100

100 63.7 51.8 77.8

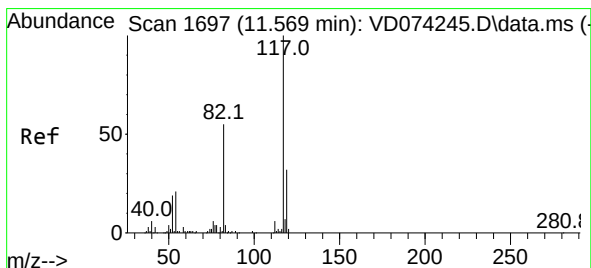
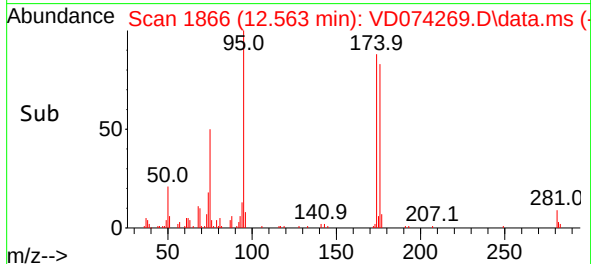
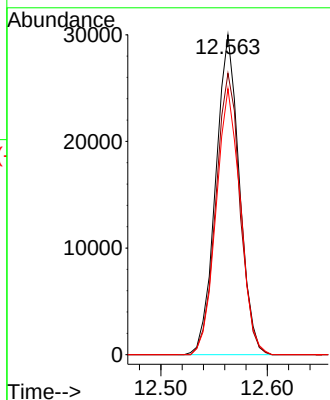
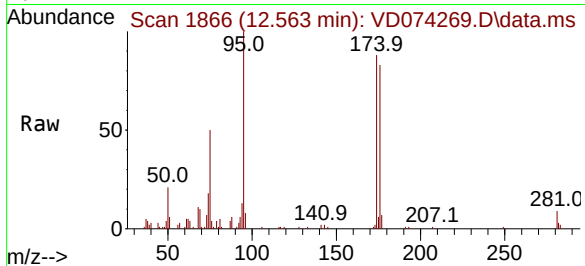




#62
4-Bromofluorobenzene
Concen: 44.295 ug/l
RT: 12.563 min Scan# 1866
Delta R.T. 0.006 min
Lab File: VD074269.D
Acq: 13 Sep 2022 16:46

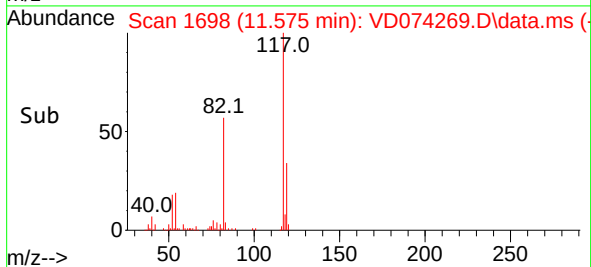
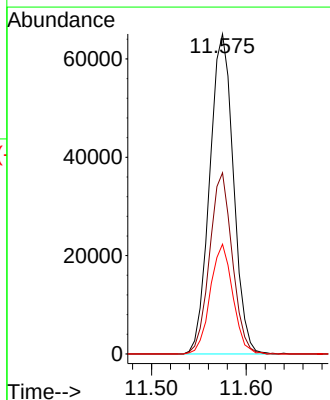
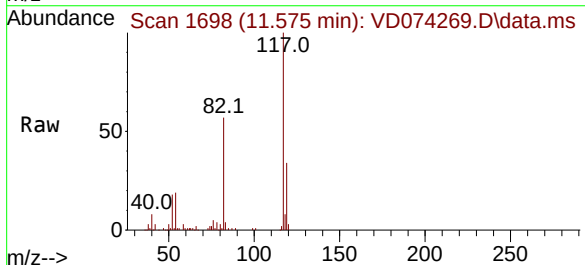
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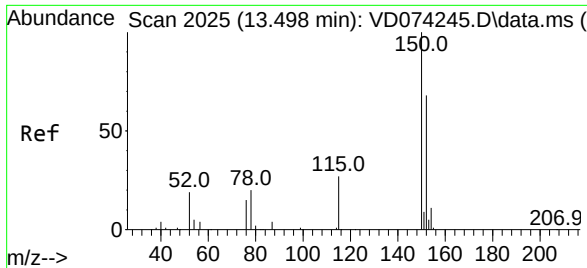
Tgt Ion: 95 Resp: 46365
Ion Ratio Lower Upper
95 100
174 89.4 0.0 179.2
176 84.9 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.575 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VD074269.D
Acq: 13 Sep 2022 16:46

Tgt Ion: 117 Resp: 113446
Ion Ratio Lower Upper
117 100
82 56.6 44.2 66.2
119 34.3 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.504 min Scan# 20

Delta R.T. 0.006 min

Lab File: VD074269.D

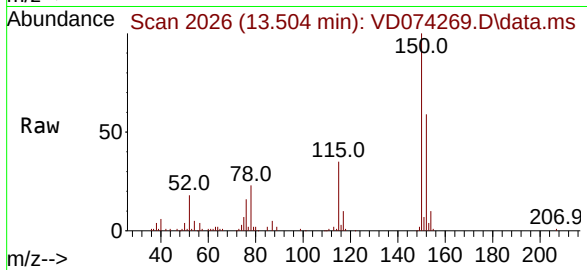
Acq: 13 Sep 2022 16:46

Instrument :

MSVOA_D

ClientSampleId :

72-11976



Tgt Ion:152 Resp: 49173

Ion Ratio Lower Upper

152 100

115 56.8 28.4 85.2

150 158.6 0.0 351.0

