

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092122\
 Data File : VD074388.D
 Acq On : 21 Sep 2022 14:46
 Operator : VA/SY
 Sample : N4641-09
 Misc : 6.23G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 D22002-17.5

Quant Time: Sep 22 05:12:26 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)

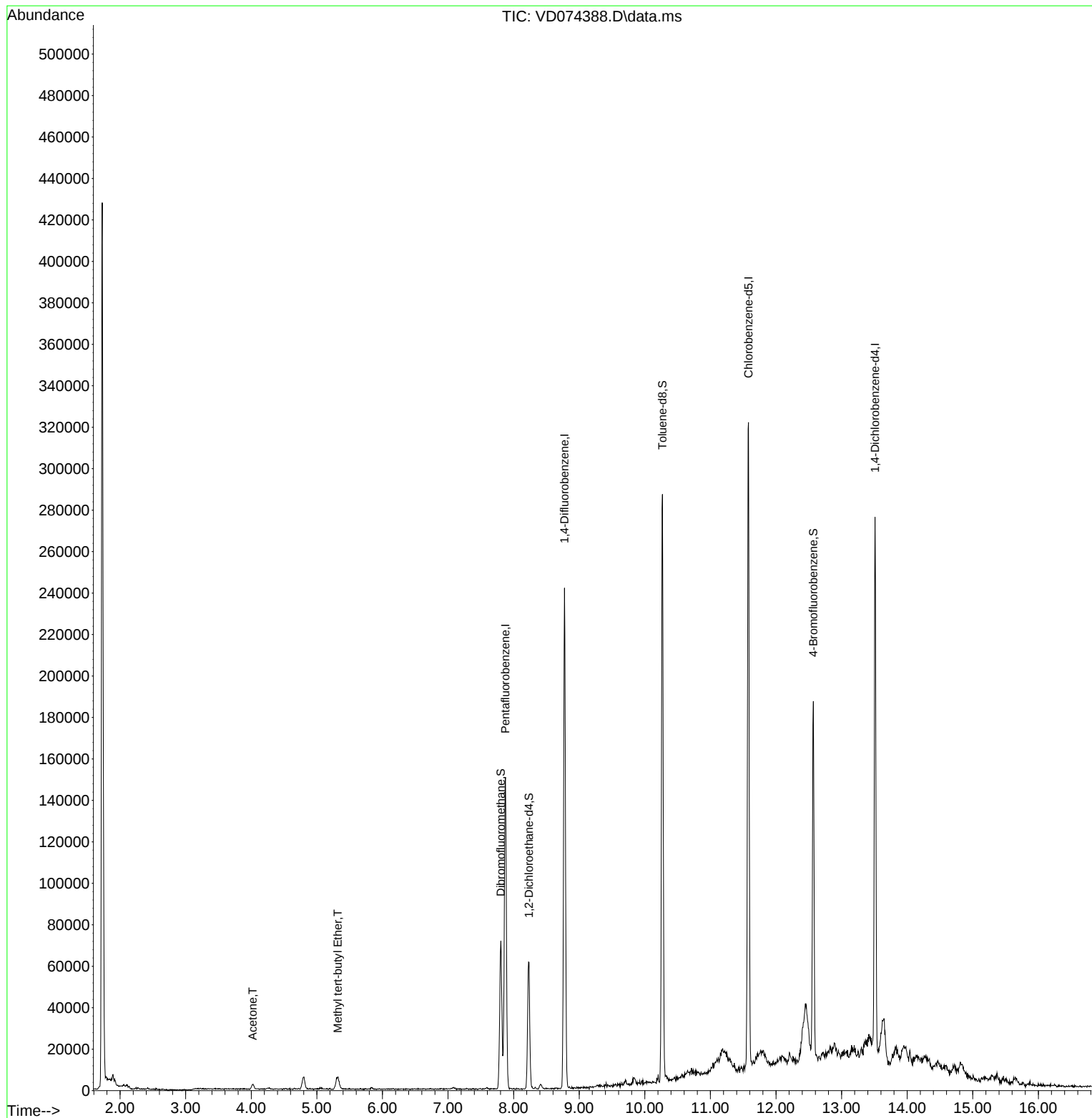
Internal Standards						
1) Pentafluorobenzene	7.875	168	114576	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	208908	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	181200	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.510	152	69537	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	48977	43.887	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	87.780%
35) Dibromofluoromethane	7.805	113	50571	36.755	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	73.520%
50) Toluene-d8	10.269	98	195656	41.213	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	82.420%
62) 4-Bromofluorobenzene	12.569	95	53443	31.051	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	62.100%
Target Compounds						
16) Acetone	4.022	43	4393	17.473	ug/l	89
19) Methyl tert-butyl Ether	5.316	73	10911	4.147	ug/l	97

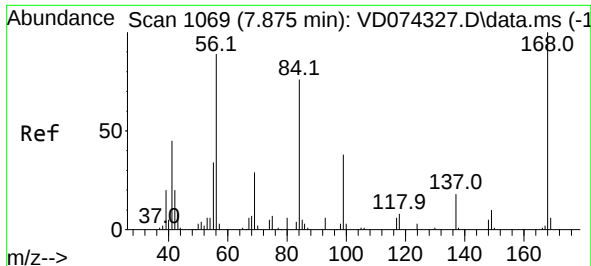
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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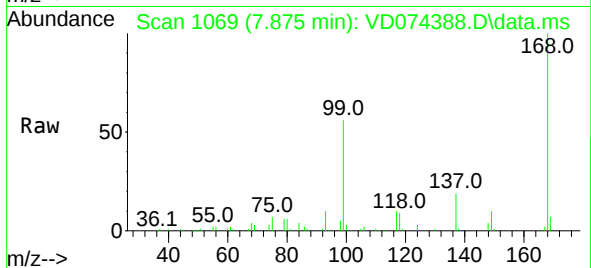
Quant Time: Sep 22 05:12:26 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D091622S.M
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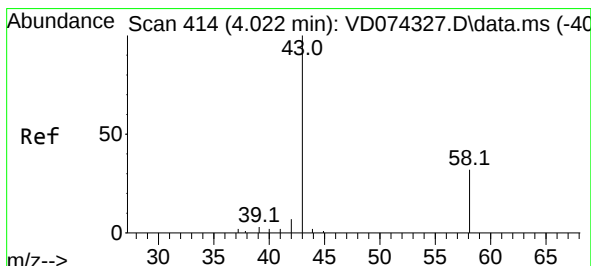
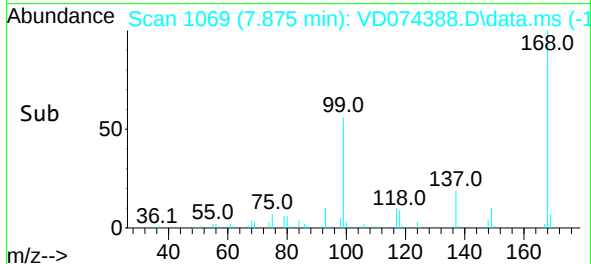
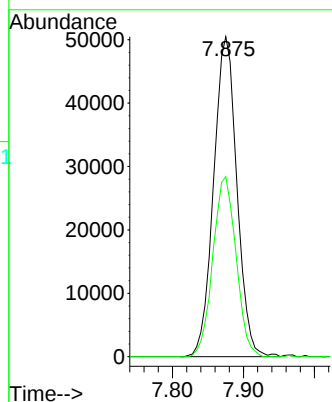


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074388.D
Acq: 21 Sep 2022 14:46

Instrument :
MSVOA_D
ClientSampleId :
D22002-17.5

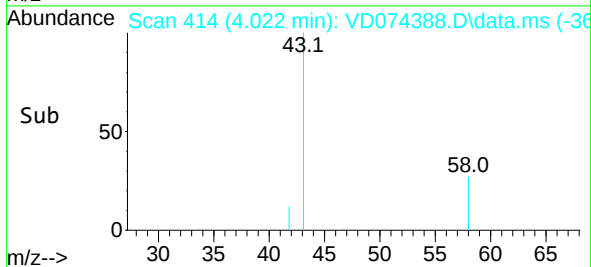
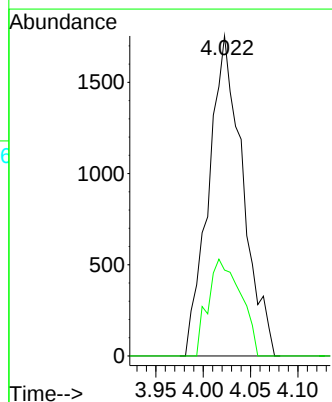
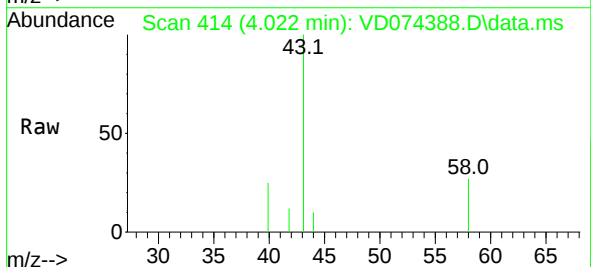


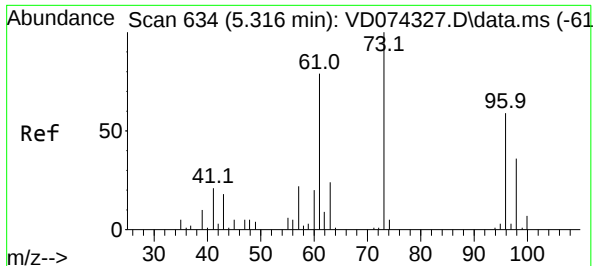
Tgt Ion:168 Resp: 114576
Ion Ratio Lower Upper
168 100
99 56.3 43.0 64.6



#16
Acetone
Concen: 17.473 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD074388.D
Acq: 21 Sep 2022 14:46

Tgt Ion: 43 Resp: 4393
Ion Ratio Lower Upper
43 100
58 26.9 26.4 39.6





#19

Methyl tert-butyl Ether

Concen: 4.147 ug/l

RT: 5.316 min Scan# 61

Delta R.T. 0.000 min

Lab File: VD074388.D

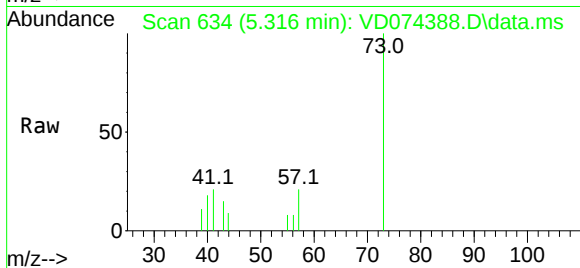
Acq: 21 Sep 2022 14:46

Instrument :

MSVOA_D

ClientSampleId :

D22002-17.5

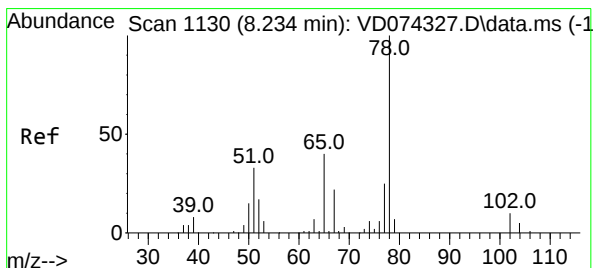
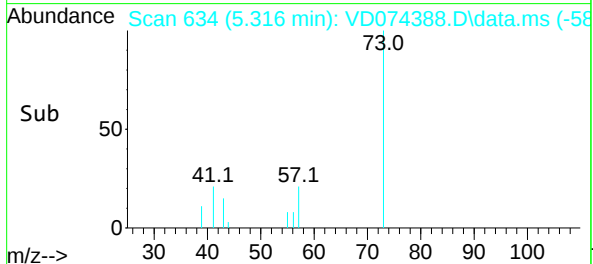
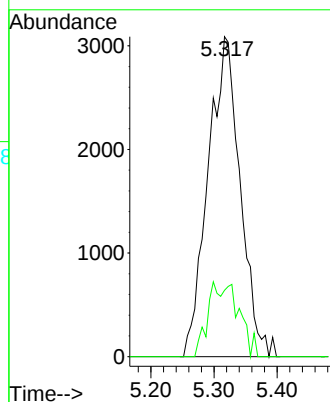


Tgt Ion: 73 Resp: 10911

Ion Ratio Lower Upper

73 100

57 20.8 17.8 26.6



#33

1,2-Dichloroethane-d4

Concen: 43.887 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VD074388.D

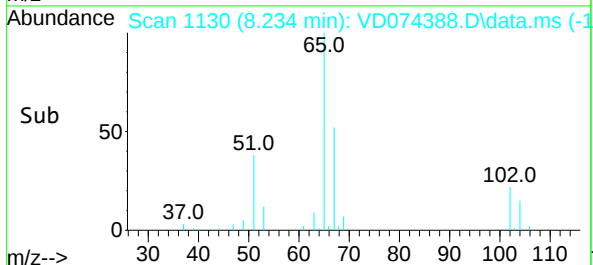
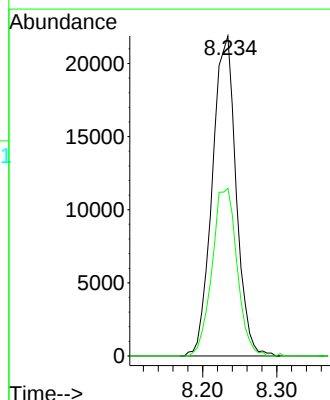
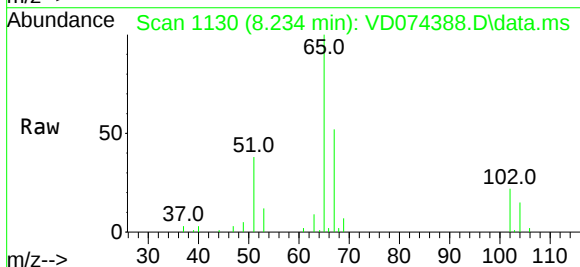
Acq: 21 Sep 2022 14:46

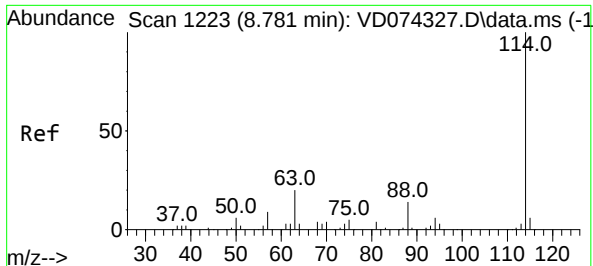
Tgt Ion: 65 Resp: 48977

Ion Ratio Lower Upper

65 100

67 54.8 0.0 110.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD074388.D

Acq: 21 Sep 2022 14:46

Instrument :

MSVOA_D

ClientSampleId :

D22002-17.5

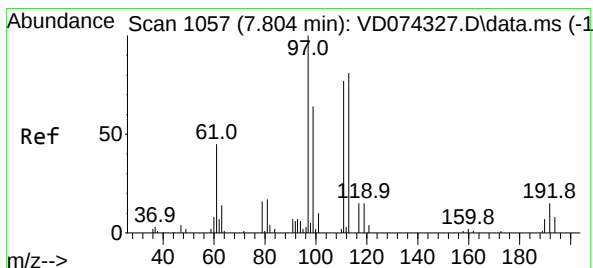
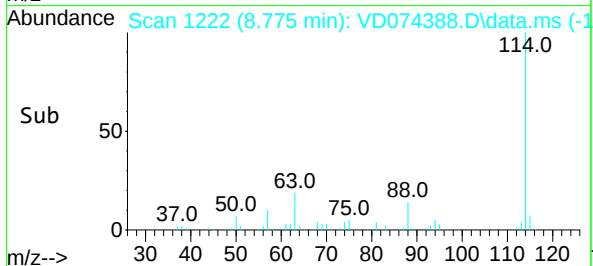
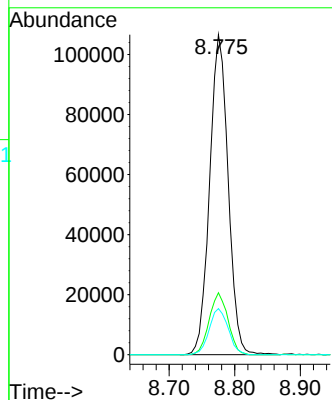
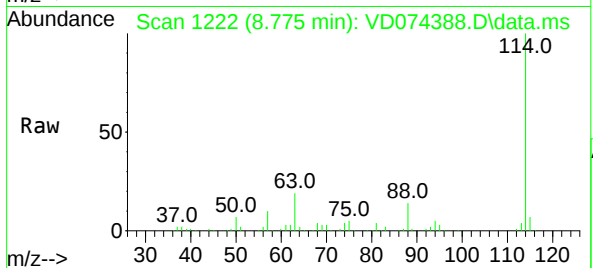
Tgt Ion:114 Resp: 208908

Ion Ratio Lower Upper

114 100

63 19.4 0.0 37.6

88 14.4 0.0 28.4



#35

Dibromofluoromethane

Concen: 36.755 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. 0.001 min

Lab File: VD074388.D

Acq: 21 Sep 2022 14:46

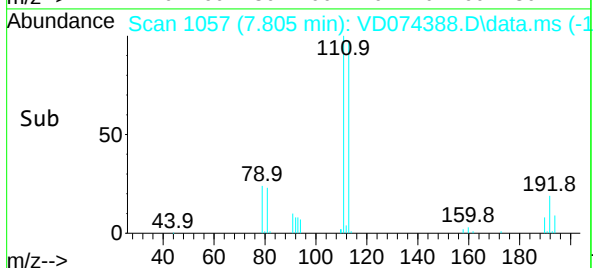
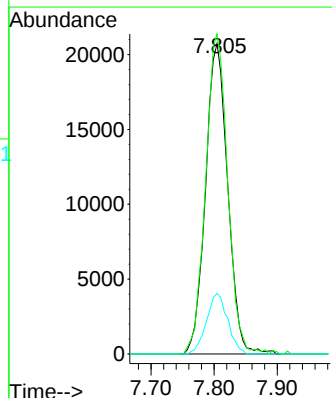
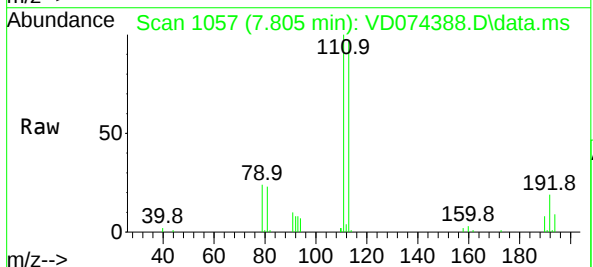
Tgt Ion:113 Resp: 50571

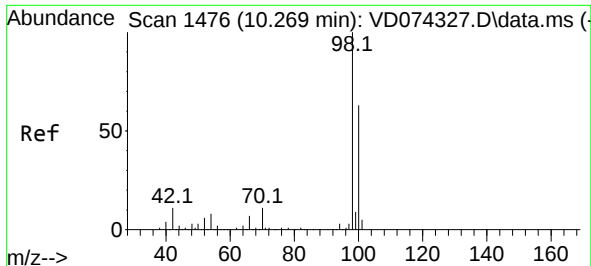
Ion Ratio Lower Upper

113 100

111 102.7 83.0 124.6

192 18.7 16.2 24.2

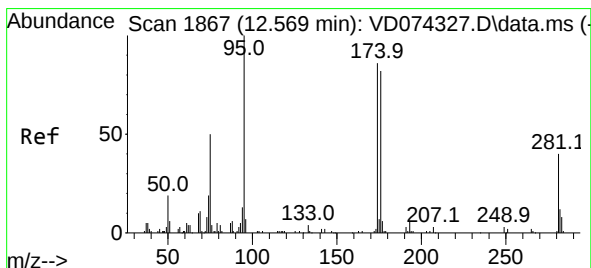
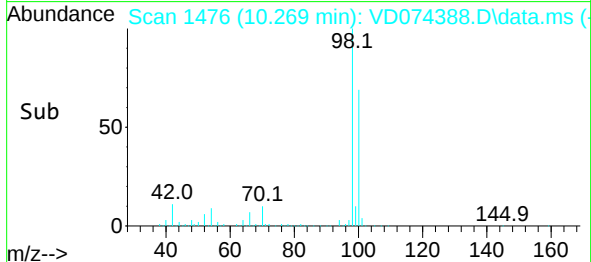
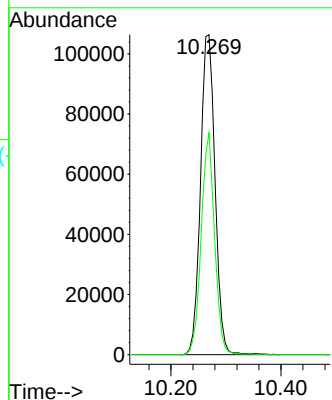
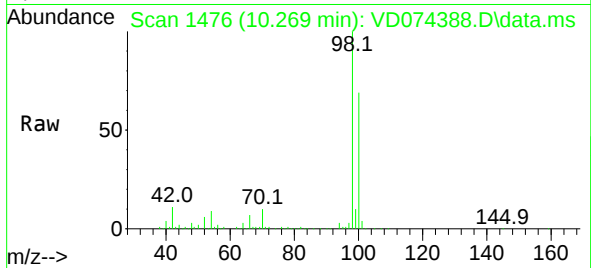




#50
Toluene-d8
Concen: 41.213 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074388.D
Acq: 21 Sep 2022 14:46

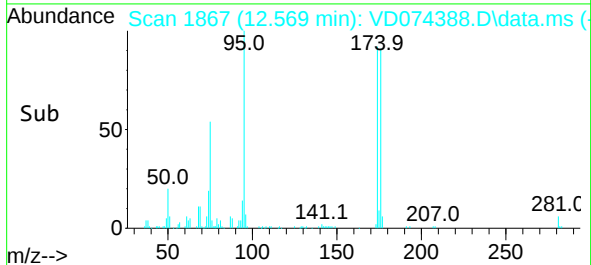
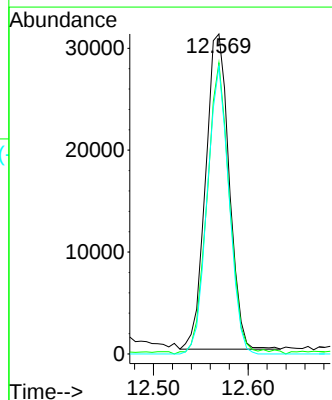
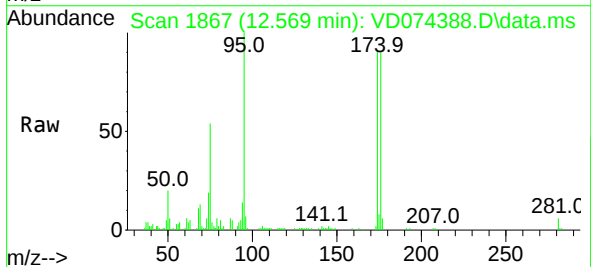
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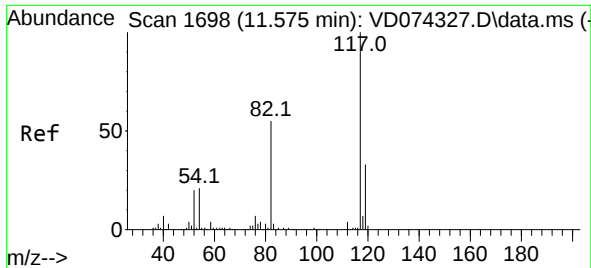
Tgt Ion: 98 Resp: 195656
Ion Ratio Lower Upper
98 100
100 63.6 51.8 77.8



#62
4-Bromofluorobenzene
Concen: 31.051 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VD074388.D
Acq: 21 Sep 2022 14:46

Tgt Ion: 95 Resp: 53443
Ion Ratio Lower Upper
95 100
174 88.0 0.0 179.2
176 84.0 0.0 171.4

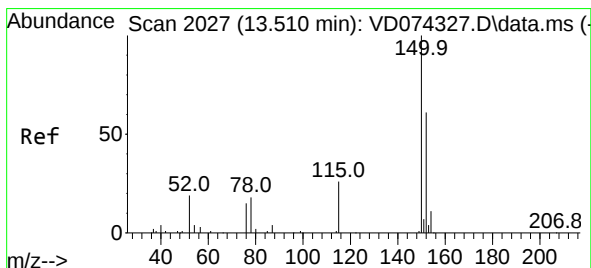
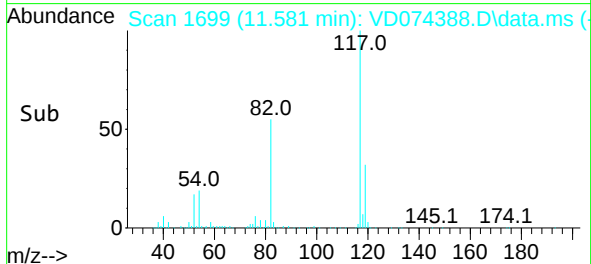
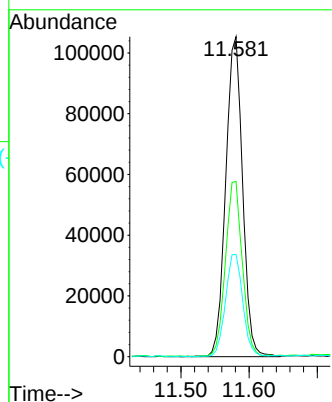
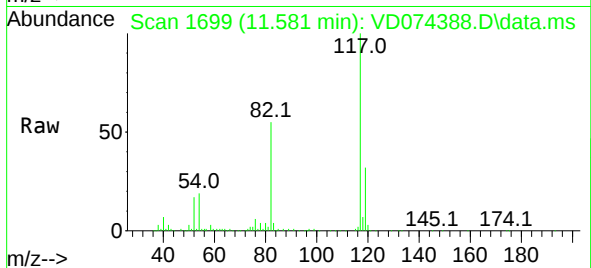




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.006 min
Lab File: VD074388.D
Acq: 21 Sep 2022 14:46

Instrument :
MSVOA_D
ClientSampleId :
D22002-17.5

Tgt Ion:117 Resp: 181200
Ion Ratio Lower Upper
117 100
82 54.5 44.2 66.2
119 31.8 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.510 min Scan# 2027
Delta R.T. 0.000 min
Lab File: VD074388.D
Acq: 21 Sep 2022 14:46

Tgt Ion:152 Resp: 69537
Ion Ratio Lower Upper
152 100
115 56.7 28.4 85.2
150 155.9 0.0 351.0

