

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061622\
 Data File : VD073623.D
 Acq On : 16 Jun 2022 17:58
 Operator : VA/SY
 Sample : N3351-03
 Misc : 5.06G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 40588

Quant Time: Jun 17 01:06:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060922S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 09 12:33:32 2022
 Response via : Initial Calibration

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

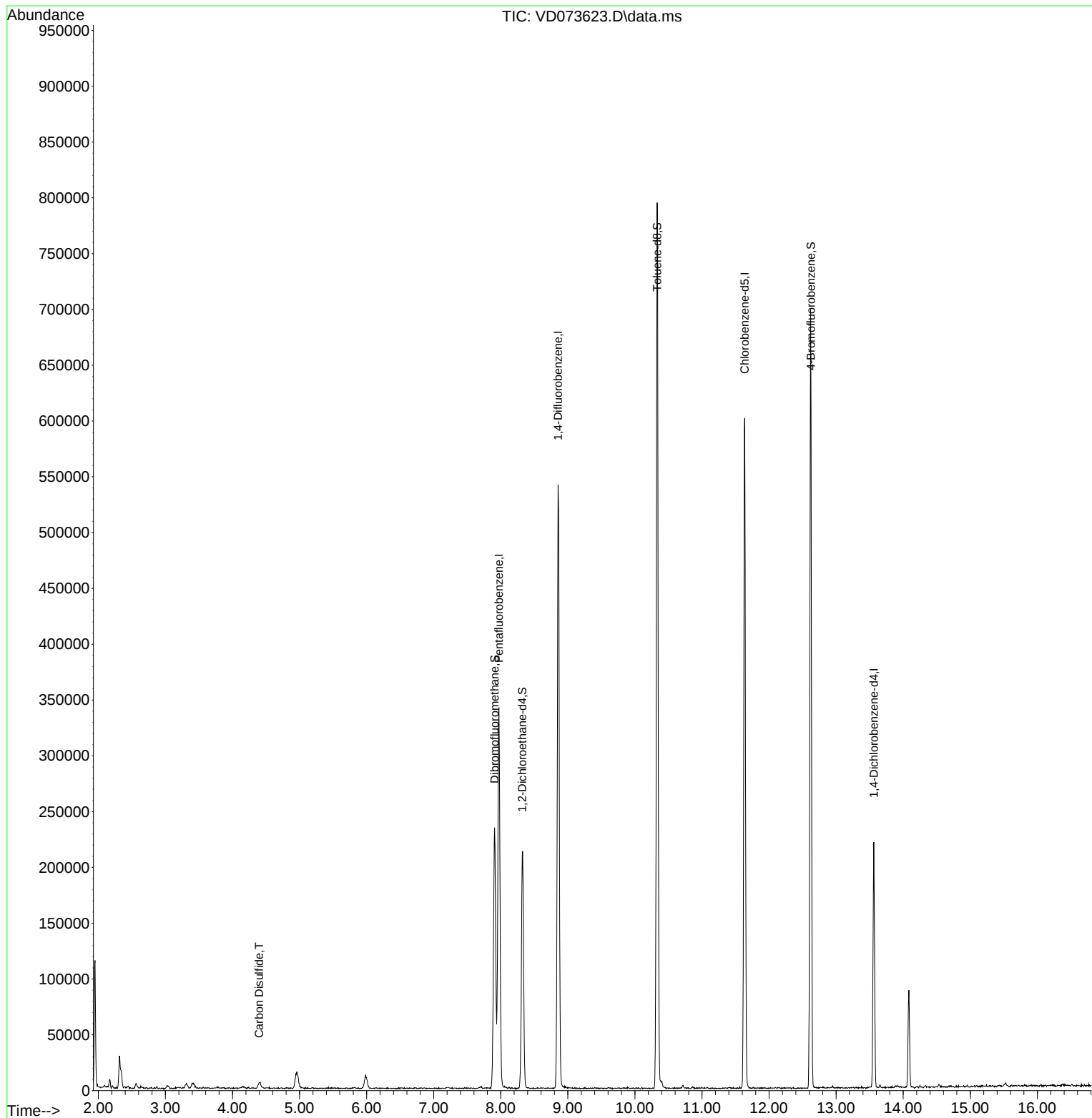
Internal Standards						
1) Pentafluorobenzene	7.973	168	246993	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	470301	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	358912	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	57786	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	171528	64.714	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 129.420%	
35) Dibromofluoromethane	7.908	113	168534	55.728	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.460%	
50) Toluene-d8	10.332	98	538532	47.098	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 94.200%	
62) 4-Bromofluorobenzene	12.626	95	108188	26.064	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 52.120%	
Target Compounds						
17) Carbon Disulfide	4.397	76	12095	1.583	ug/l	Qvalue # 92

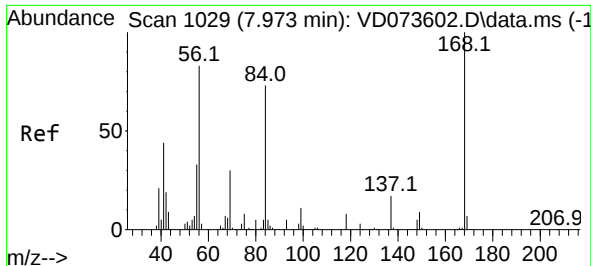
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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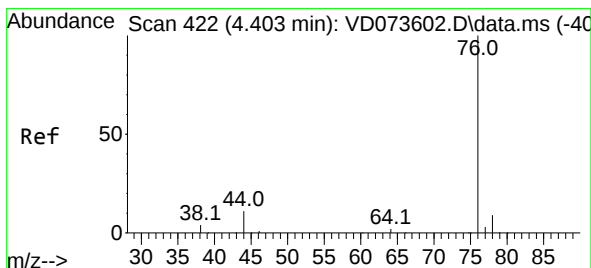
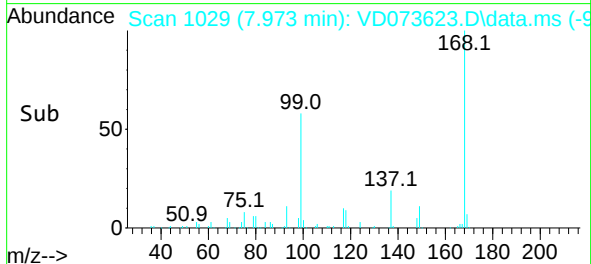
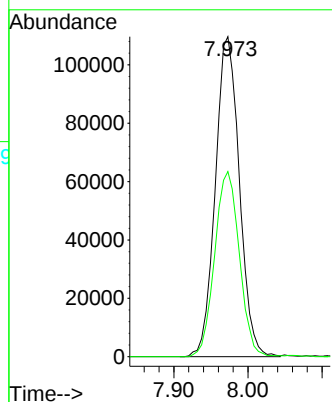
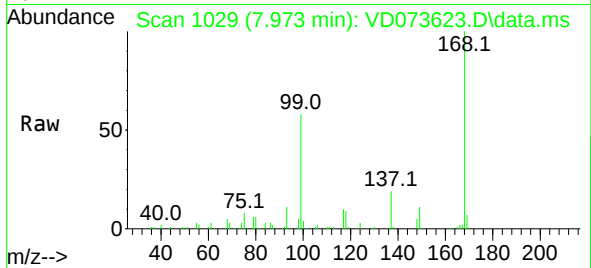




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.000 min
Lab File: VD073623.D
Acq: 16 Jun 2022 17:58

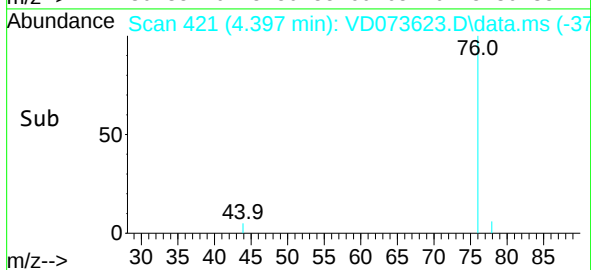
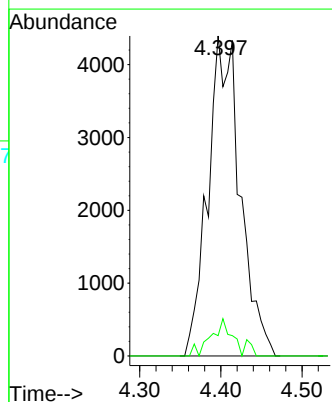
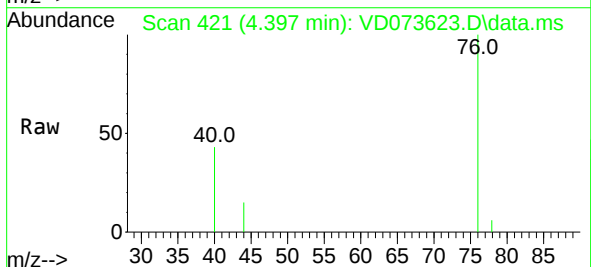
Instrument :
MSVOA_D
ClientSampleId :
40588

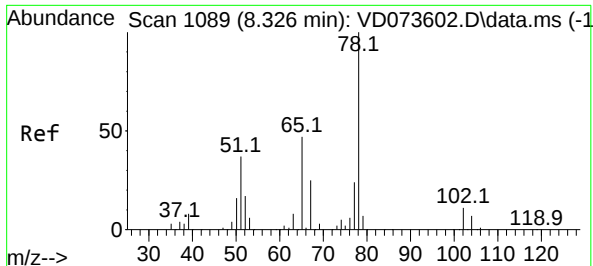
Tgt Ion:168 Resp: 246993
Ion Ratio Lower Upper
168 100
99 57.8 49.8 74.6



#17
Carbon Disulfide
Concen: 1.583 ug/l
RT: 4.397 min Scan# 421
Delta R.T. -0.006 min
Lab File: VD073623.D
Acq: 16 Jun 2022 17:58

Tgt Ion: 76 Resp: 12095
Ion Ratio Lower Upper
76 100
78 6.3 7.5 11.3#





#33

1,2-Dichloroethane-d4

Concen: 64.714 ug/l

RT: 8.320 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD073623.D

Acq: 16 Jun 2022 17:58

Instrument :

MSVOA_D

ClientSampleId :

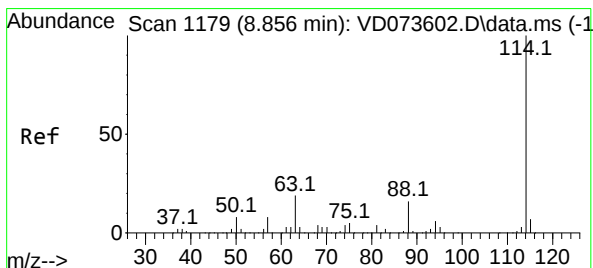
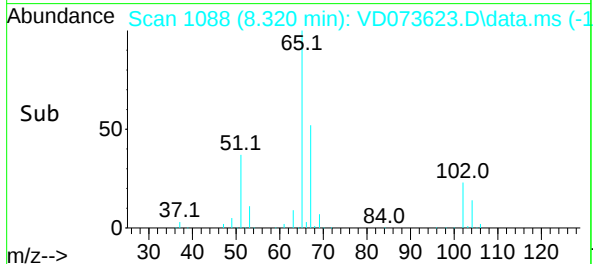
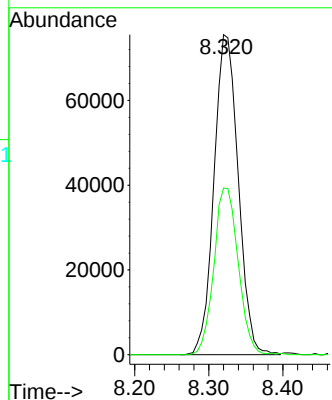
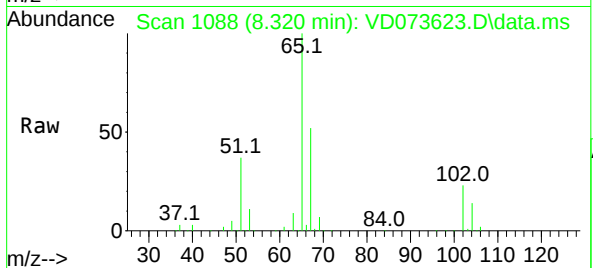
40588

Tgt Ion: 65 Resp: 171528

Ion Ratio Lower Upper

65 100

67 52.4 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VD073623.D

Acq: 16 Jun 2022 17:58

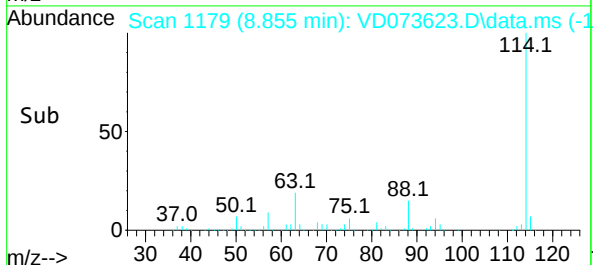
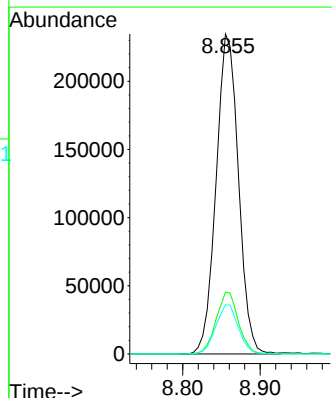
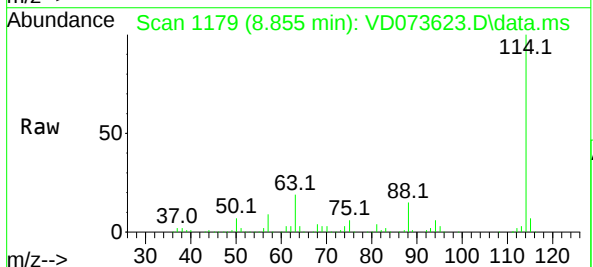
Tgt Ion: 114 Resp: 470301

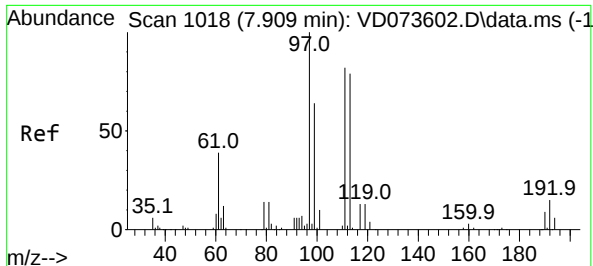
Ion Ratio Lower Upper

114 100

63 19.3 0.0 46.6

88 15.4 0.0 33.2





#35

Dibromofluoromethane

Concen: 55.728 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. 0.000 min

Lab File: VD073623.D

Acq: 16 Jun 2022 17:58

Instrument :

MSVOA_D

ClientSampleId :

40588

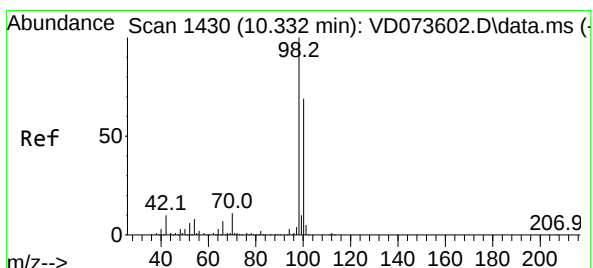
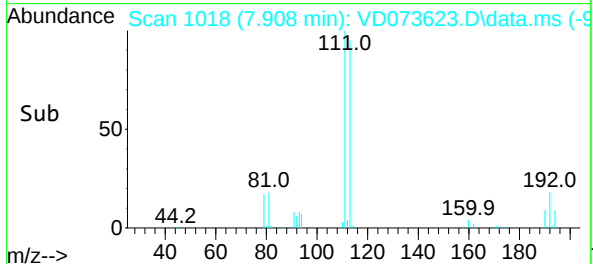
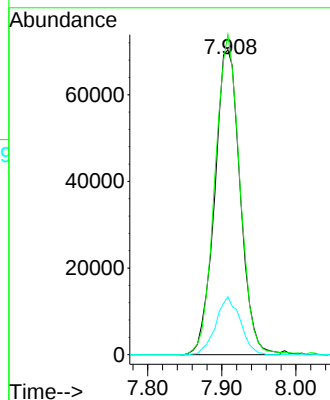
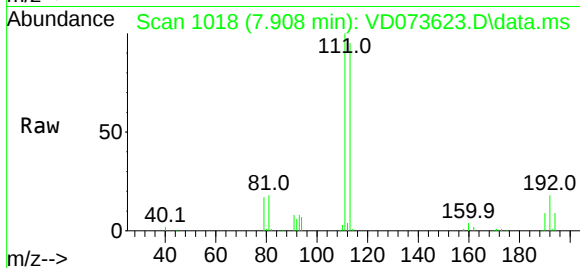
Tgt Ion:113 Resp: 168534

Ion Ratio Lower Upper

113 100

111 102.4 83.8 125.6

192 18.2 14.6 21.8



#50

Toluene-d8

Concen: 47.098 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VD073623.D

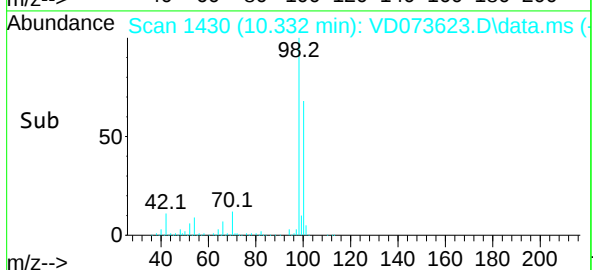
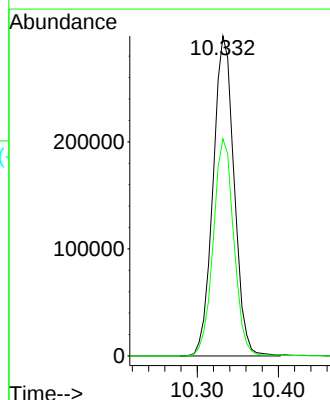
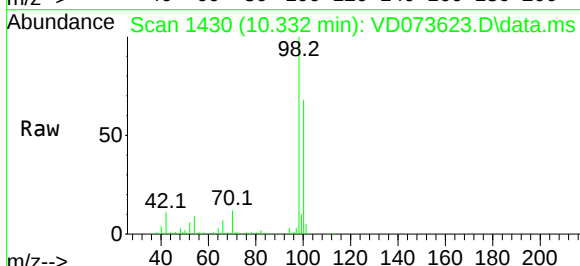
Acq: 16 Jun 2022 17:58

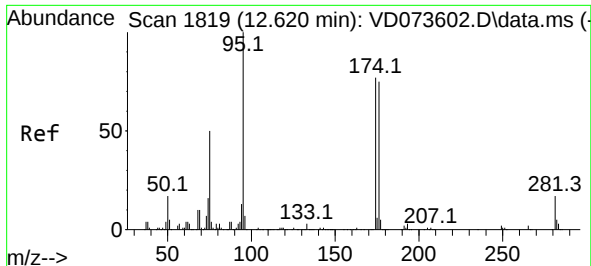
Tgt Ion: 98 Resp: 538532

Ion Ratio Lower Upper

98 100

100 66.1 52.4 78.6

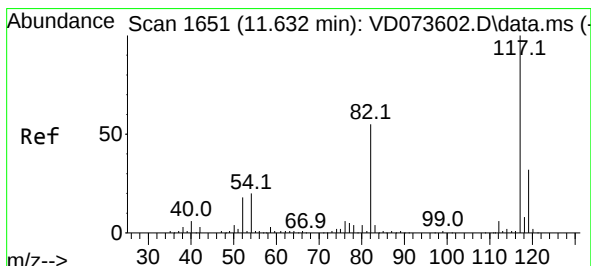
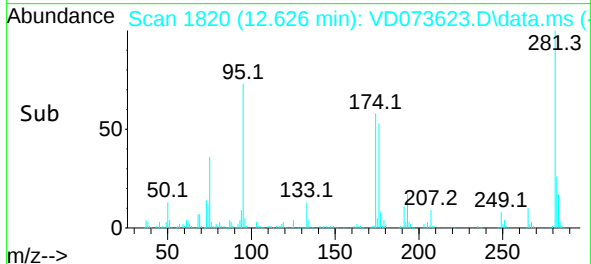
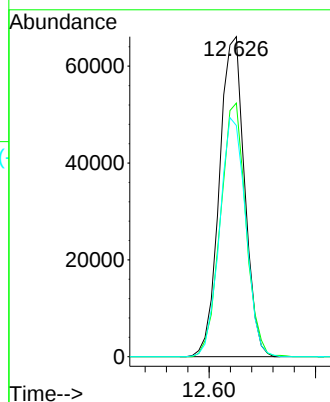
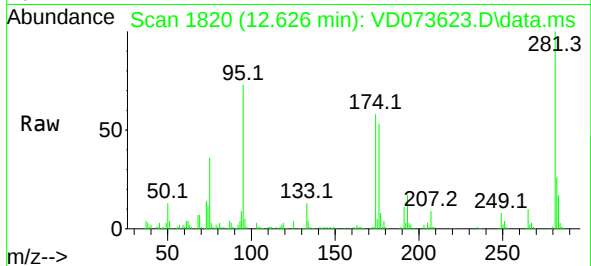




#62
4-Bromofluorobenzene
Concen: 26.064 ug/l
RT: 12.626 min Scan# 1819
Delta R.T. 0.006 min
Lab File: VD073623.D
Acq: 16 Jun 2022 17:58

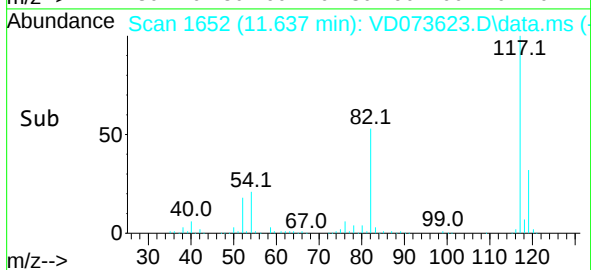
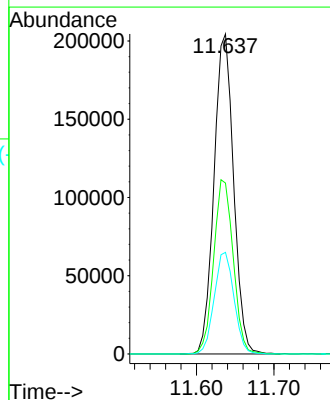
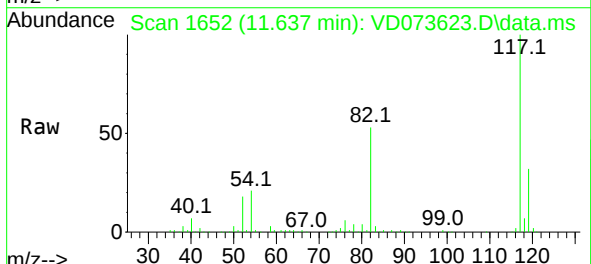
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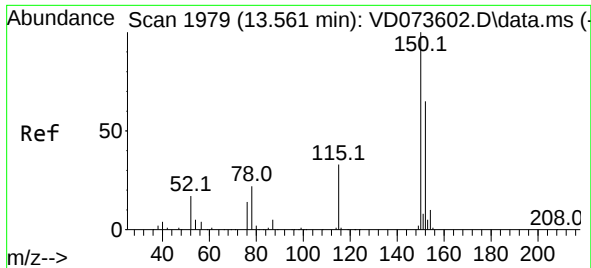
Tgt Ion: 95 Resp: 108188
Ion Ratio Lower Upper
95 100
174 79.9 0.0 152.8
176 77.2 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 1652
Delta R.T. 0.005 min
Lab File: VD073623.D
Acq: 16 Jun 2022 17:58

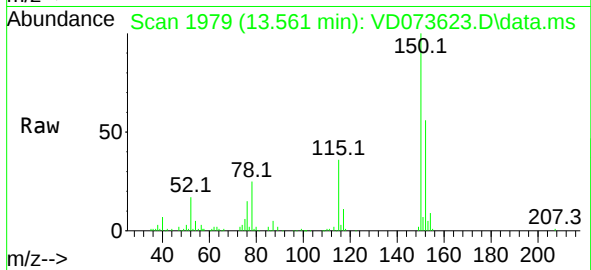
Tgt Ion: 117 Resp: 358912
Ion Ratio Lower Upper
117 100
82 53.4 45.3 67.9
119 31.8 26.6 40.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1979
 Delta R.T. -0.000 min
 Lab File: VD073623.D
 Acq: 16 Jun 2022 17:58

Instrument :
 MSVOA_D
 ClientSampleId :
 40588



Tgt Ion:152 Resp: 57786
 Ion Ratio Lower Upper
 152 100
 115 60.5 31.3 93.8
 150 162.9 0.0 348.6

