

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010422\
 Data File : VD071601.D
 Acq On : 04 Jan 2022 18:58
 Operator : VA/SY
 Sample : M5330-04
 Misc : 6.54G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 DB-25-(18-23)-12-29-21

Quant Time: Jan 05 01:30:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122221S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 23 08:20:24 2021
 Response via : Initial Calibration

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

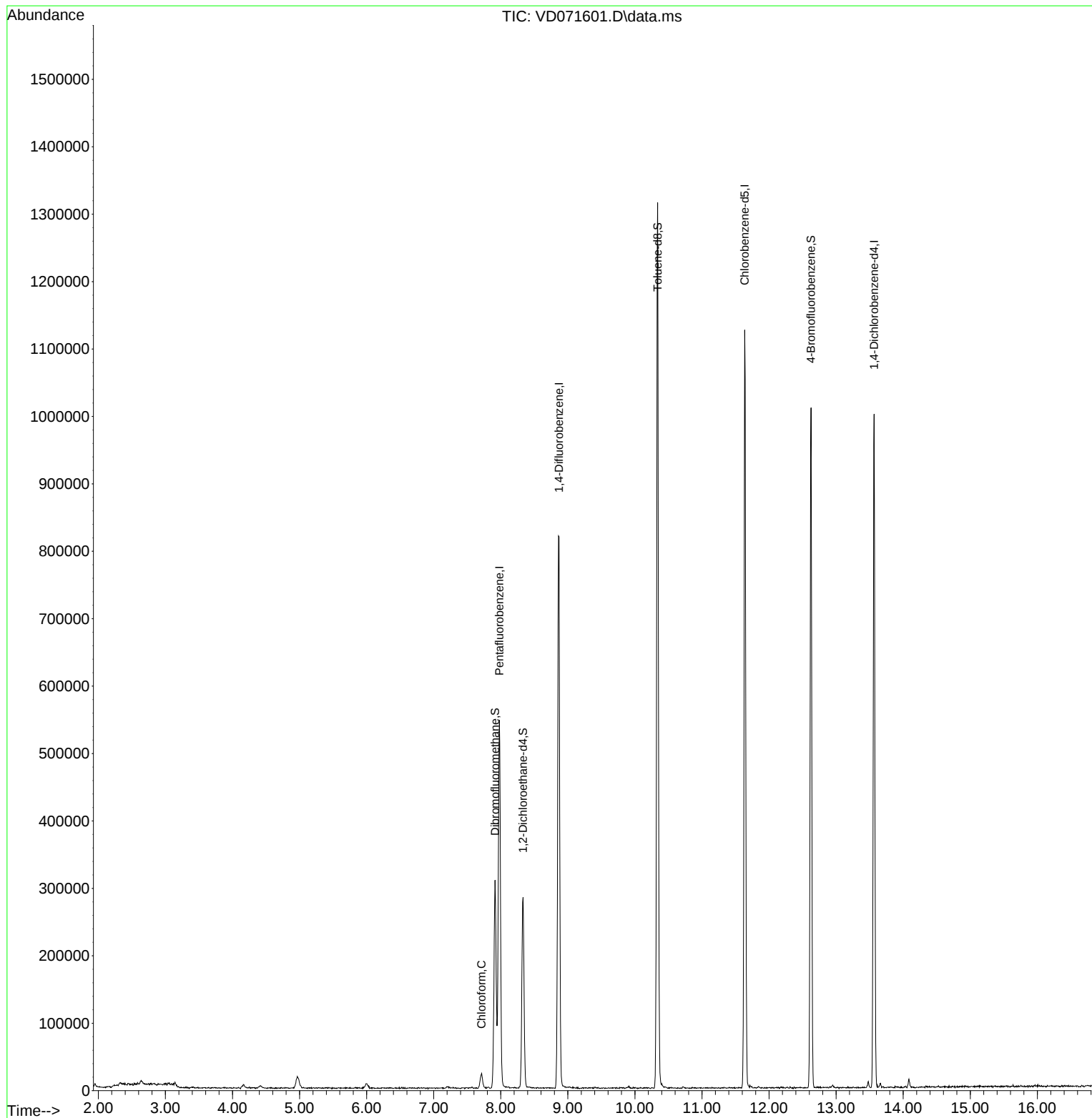
Internal Standards						
1) Pentafluorobenzene	7.979	168	371312	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	660700	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	577773	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	242955	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	226954	46.023	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.040%
35) Dibromofluoromethane	7.914	113	208558	46.968	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.940%
50) Toluene-d8	10.338	98	834660	49.740	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.480%
62) 4-Bromofluorobenzene	12.626	95	251172	42.122	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	84.240%
Target Compounds						
30) Chloroform	7.714	83	18906	2.194	ug/l	Qvalue 93

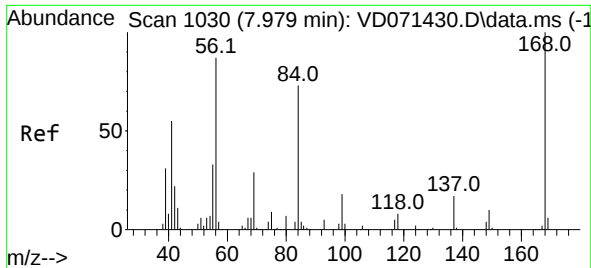
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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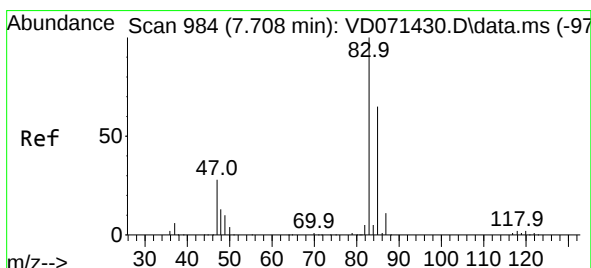
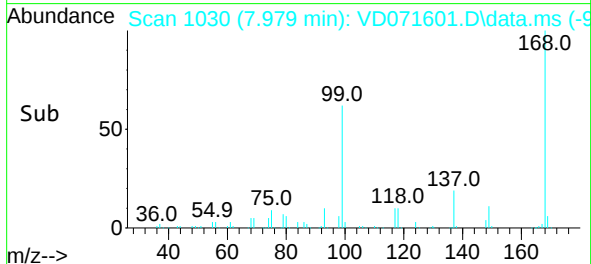
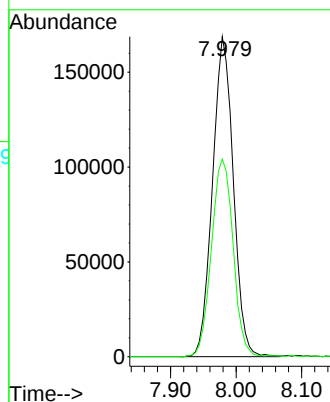
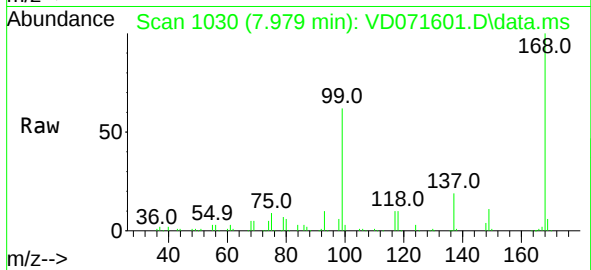




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.006 min
Lab File: VD071601.D
Acq: 04 Jan 2022 18:58

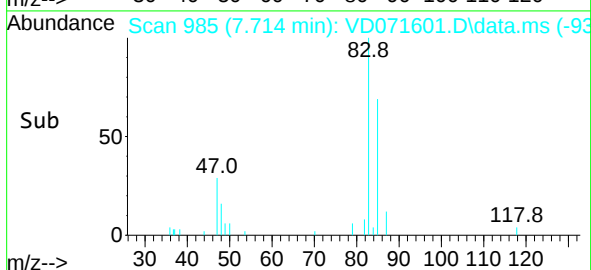
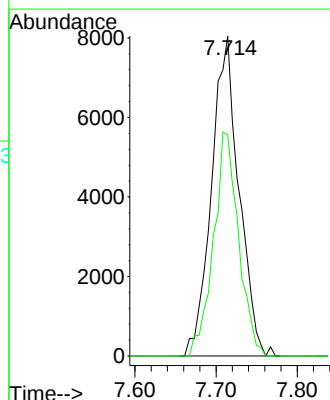
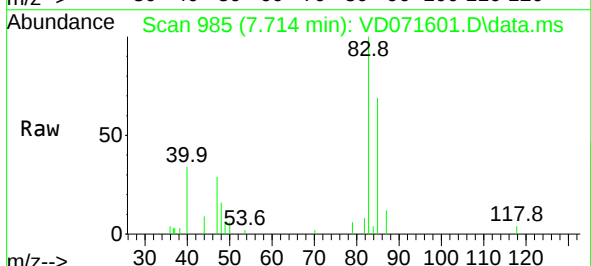
Instrument :
MSVOA_D
ClientSampleId :
DB-25-(18-23)-12-29-21

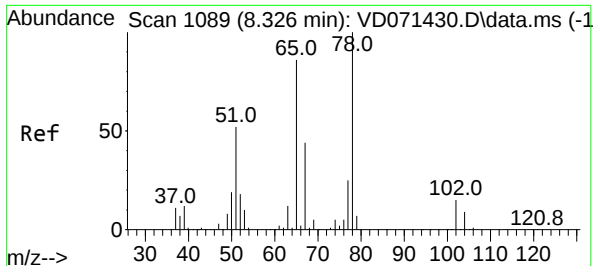
Tgt Ion:168 Resp: 371312
Ion Ratio Lower Upper
168 100
99 61.7 46.6 69.8



#30
Chloroform
Concen: 2.194 ug/l
RT: 7.714 min Scan# 985
Delta R.T. 0.012 min
Lab File: VD071601.D
Acq: 04 Jan 2022 18:58

Tgt Ion: 83 Resp: 18906
Ion Ratio Lower Upper
83 100
85 69.1 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 46.023 ug/l

RT: 8.332 min Scan# 1089

Delta R.T. 0.006 min

Lab File: VD071601.D

Acq: 04 Jan 2022 18:58

Instrument :

MSVOA_D

ClientSampleId :

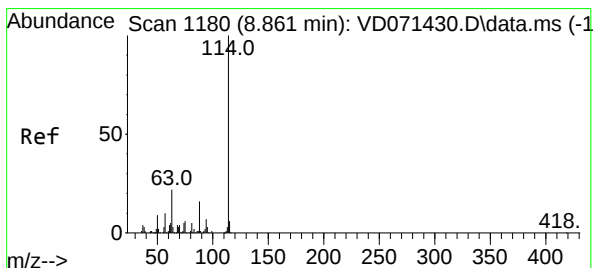
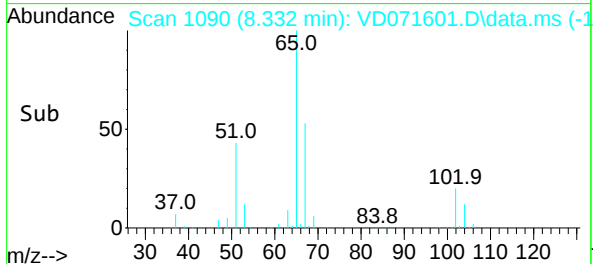
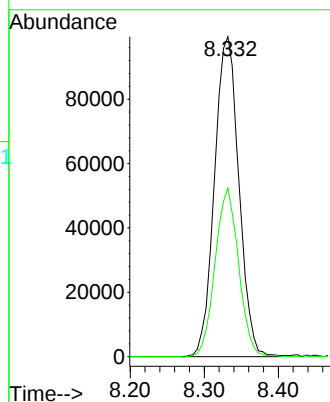
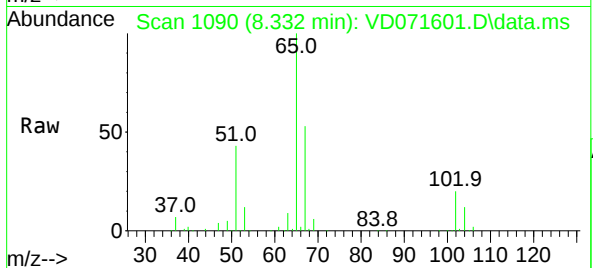
DB-25-(18-23)-12-29-21

Tgt Ion: 65 Resp: 226954

Ion Ratio Lower Upper

65 100

67 50.8 0.0 112.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.867 min Scan# 1181

Delta R.T. 0.006 min

Lab File: VD071601.D

Acq: 04 Jan 2022 18:58

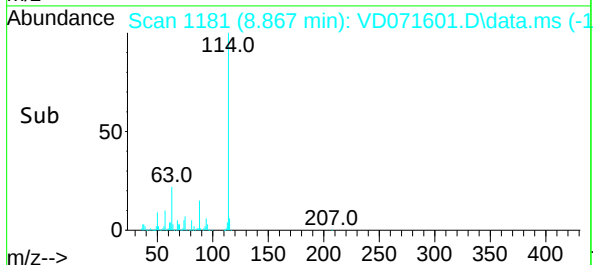
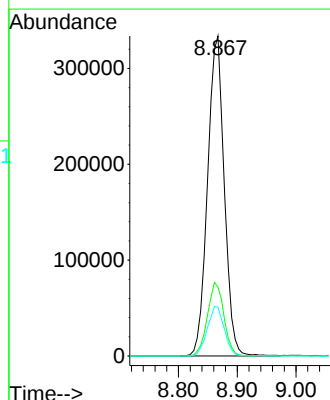
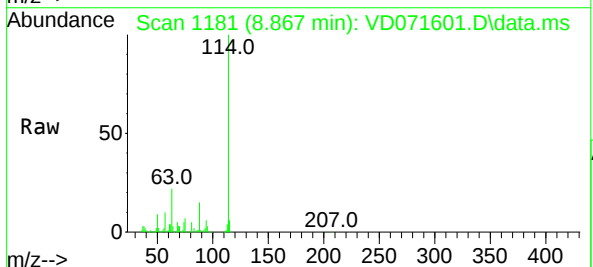
Tgt Ion: 114 Resp: 660700

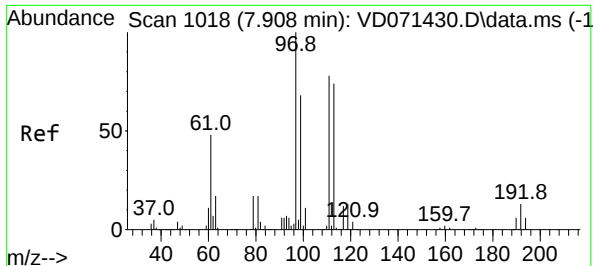
Ion Ratio Lower Upper

114 100

63 21.5 0.0 41.8

88 15.3 0.0 32.8

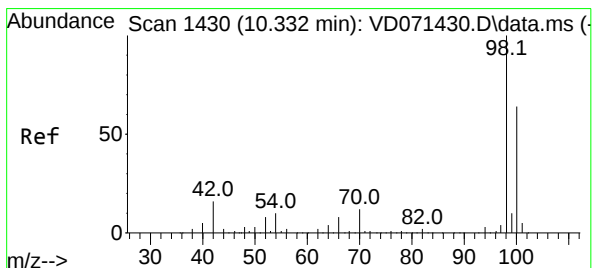
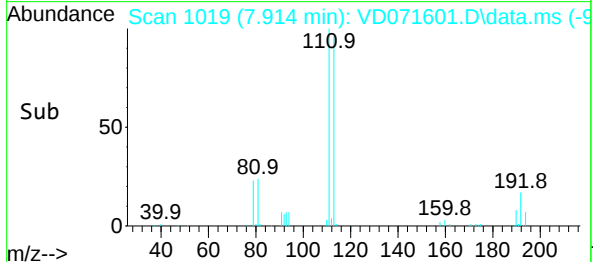
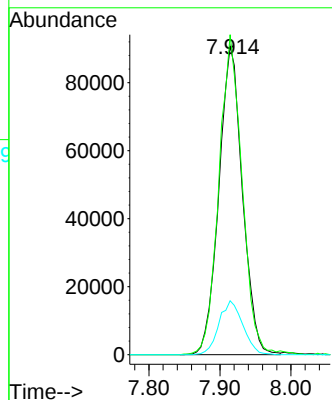
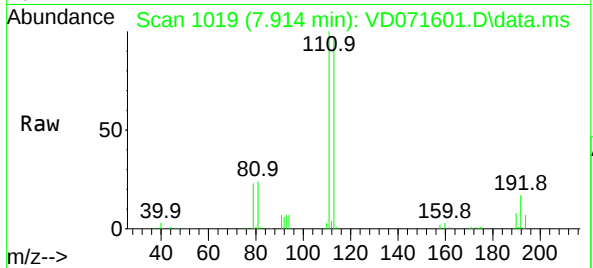




#35
Dibromofluoromethane
Concen: 46.968 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.006 min
Lab File: VD071601.D
Acq: 04 Jan 2022 18:58

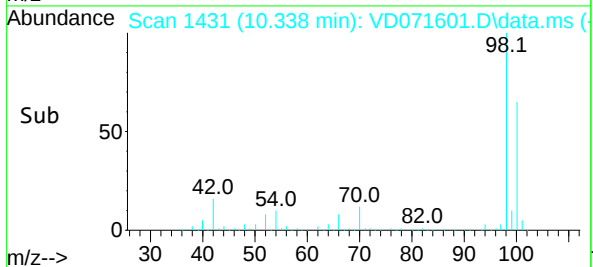
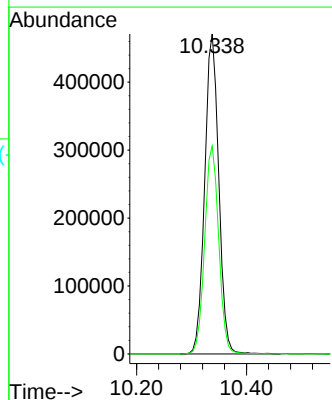
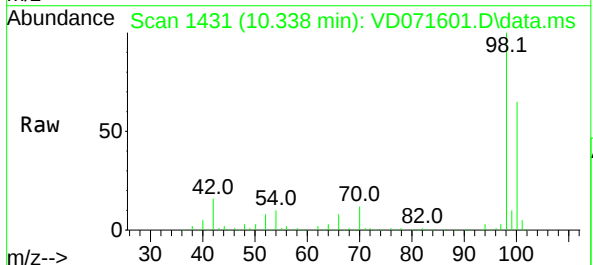
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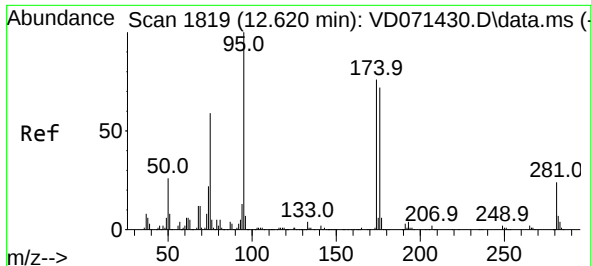
Tgt Ion:113 Resp: 208558
Ion Ratio Lower Upper
113 100
111 102.1 82.0 123.0
192 17.8 15.2 22.8



#50
Toluene-d8
Concen: 49.740 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD071601.D
Acq: 04 Jan 2022 18:58

Tgt Ion: 98 Resp: 834660
Ion Ratio Lower Upper
98 100
100 65.1 51.8 77.6

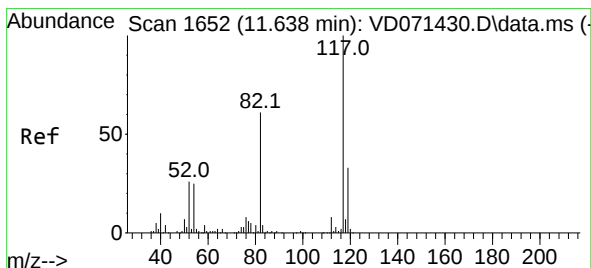
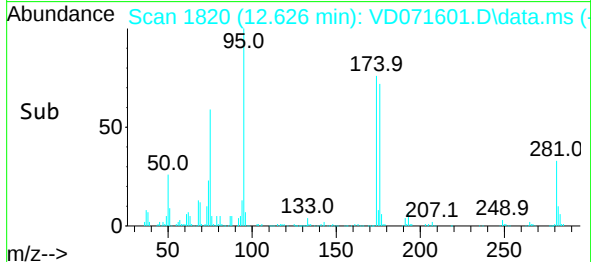
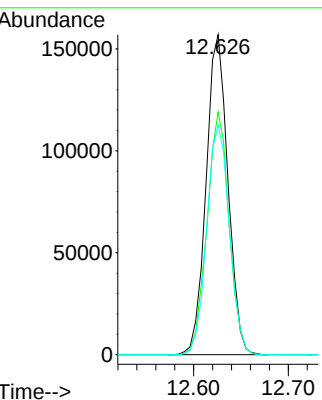
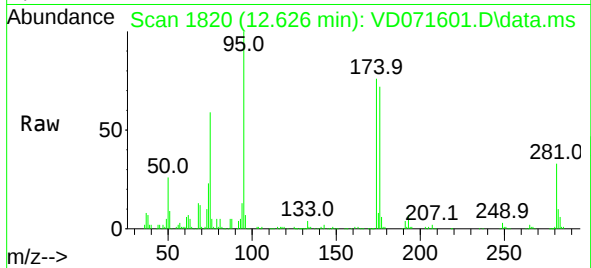




#62
4-Bromofluorobenzene
Concen: 42.122 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071601.D
Acq: 04 Jan 2022 18:58

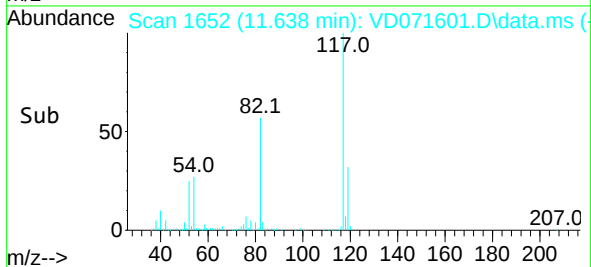
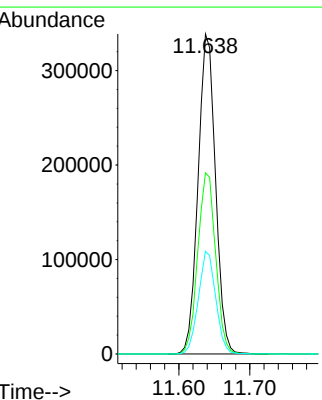
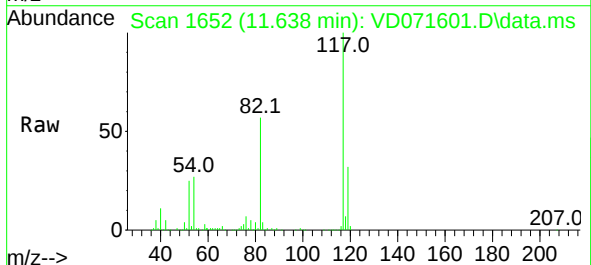
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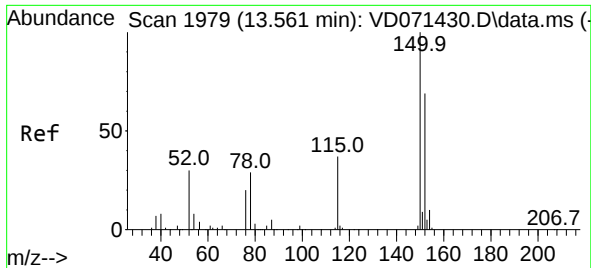
Tgt Ion: 95 Resp: 251172
Ion Ratio Lower Upper
95 100
174 76.7 0.0 159.4
176 74.4 0.0 154.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD071601.D
Acq: 04 Jan 2022 18:58

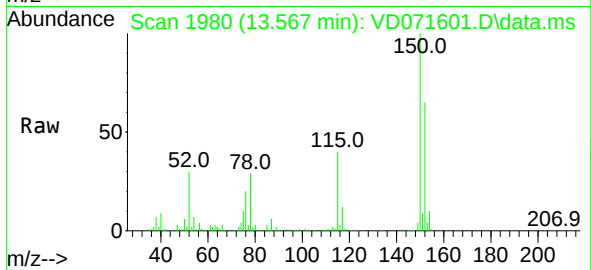
Tgt Ion: 117 Resp: 577773
Ion Ratio Lower Upper
117 100
82 56.6 44.7 67.1
119 32.1 26.2 39.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.567 min Scan# 1979
 Delta R.T. 0.006 min
 Lab File: VD071601.D
 Acq: 04 Jan 2022 18:58

Instrument : MSVOA_D
 ClientSampleId : DB-25-(18-23)-12-29-21



Tgt Ion:152 Resp: 242955
 Ion Ratio Lower Upper
 152 100
 115 59.9 29.8 89.3
 150 156.9 0.0 349.2

