

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122521\
 Data File : VD071473.D
 Acq On : 25 Dec 2021 22:20
 Operator : VA/SY
 Sample : M5181-01
 Misc : 6.99G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 DB-4-(7.5-8)-12-8-21

Quant Time: Dec 27 01:50:46 2021
 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)

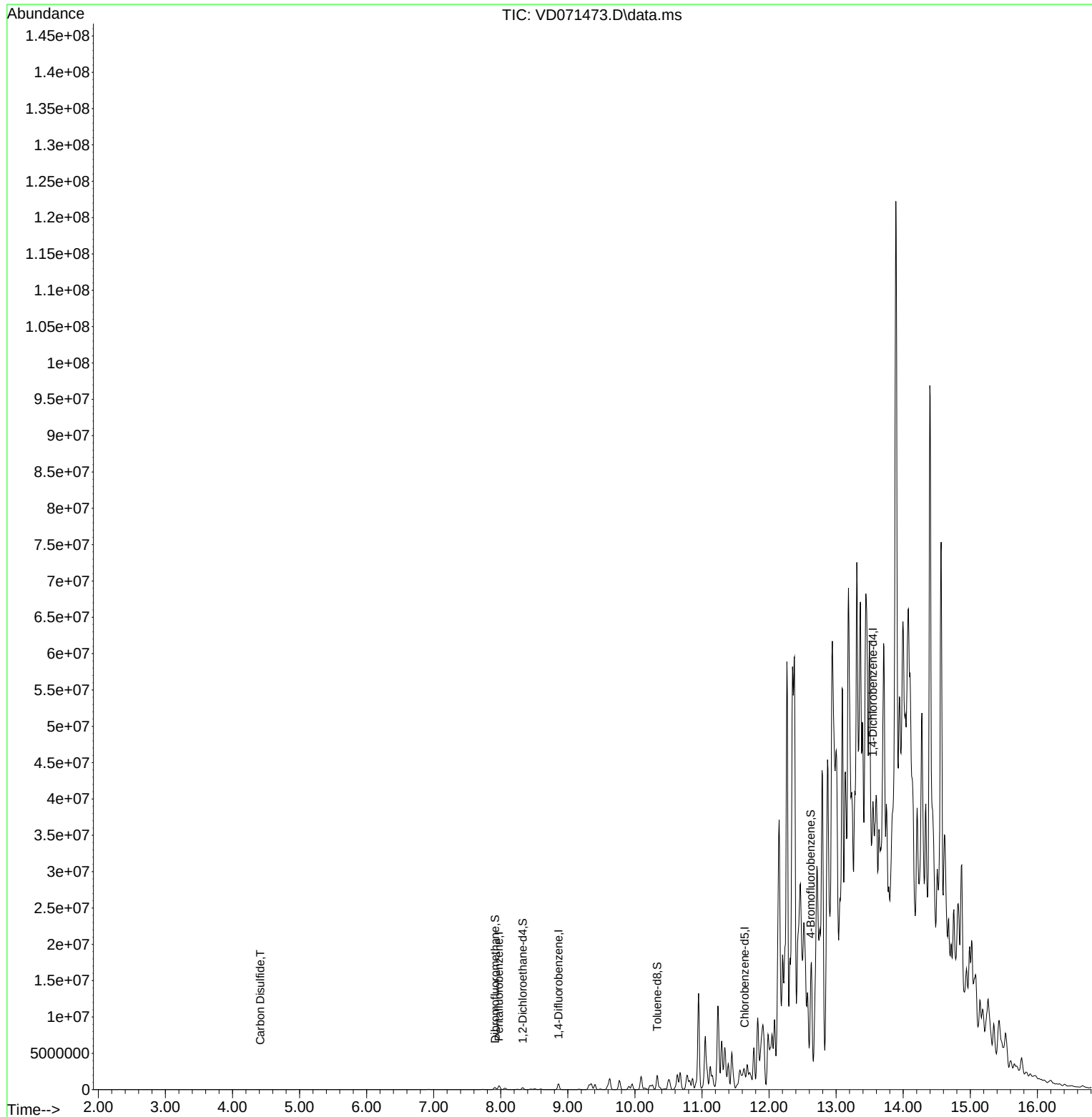
Internal Standards						
1) Pentafluorobenzene	7.973	168	363766	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	638012	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	595688	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.549	152	1111254	50.000	ug/l	#-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	216545	44.823	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	89.640%
35) Dibromofluoromethane	7.914	113	204712	47.741	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.480%
50) Toluene-d8	10.332	98	830905	51.277	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.560%
62) 4-Bromofluorobenzene	12.620	95	1639302	284.693	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	569.380%#
Target Compounds						
17) Carbon Disulfide	4.414	76	12732	1.031	ug/l	Qvalue 95

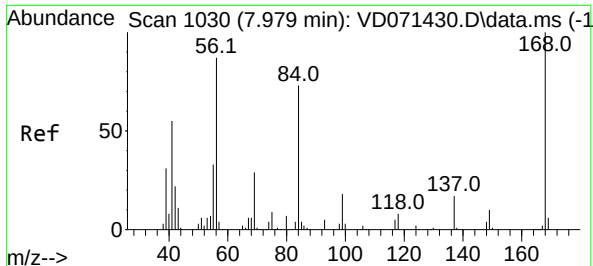
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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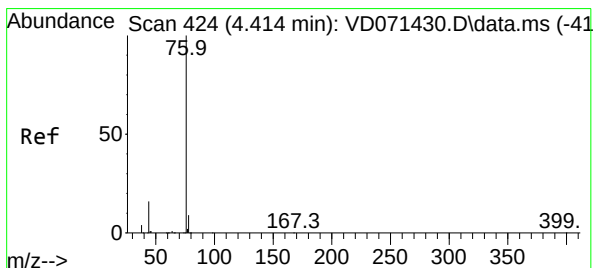
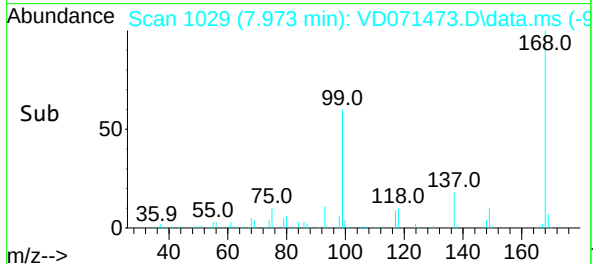
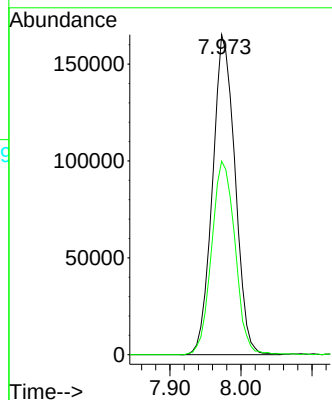
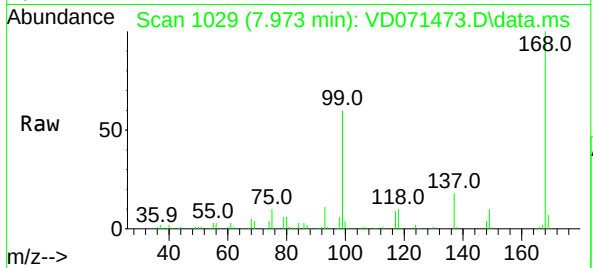




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.000 min
Lab File: VD071473.D
Acq: 25 Dec 2021 22:20

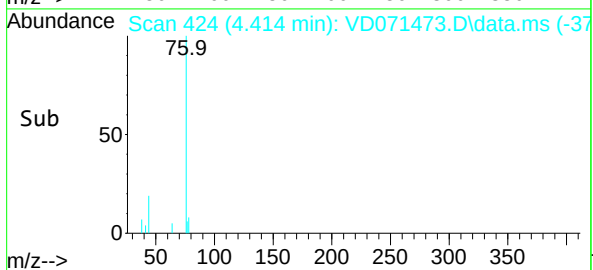
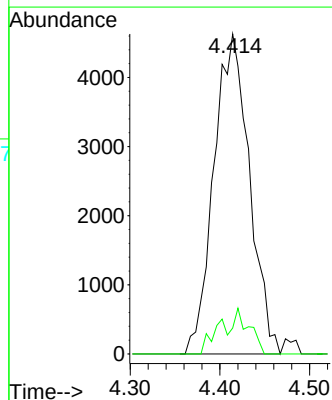
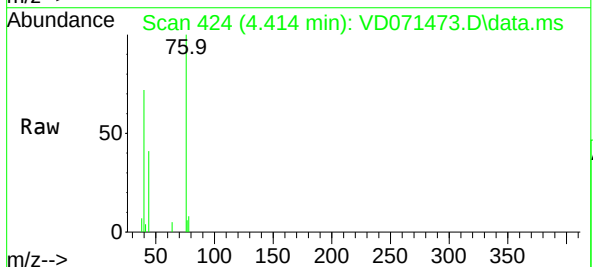
Instrument :
MSVOA_D
ClientSampleId :
DB-4-(7.5-8)-12-8-21

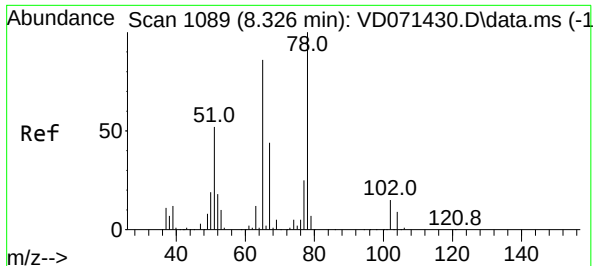
Tgt Ion:168 Resp: 363766
Ion Ratio Lower Upper
168 100
99 60.5 46.6 69.8



#17
Carbon Disulfide
Concen: 1.031 ug/l
RT: 4.414 min Scan# 424
Delta R.T. 0.005 min
Lab File: VD071473.D
Acq: 25 Dec 2021 22:20

Tgt Ion: 76 Resp: 12732
Ion Ratio Lower Upper
76 100
78 8.1 7.8 11.8





#33

1,2-Dichloroethane-d4

Concen: 44.823 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD071473.D

Acq: 25 Dec 2021 22:20

Instrument :

MSVOA_D

ClientSampleId :

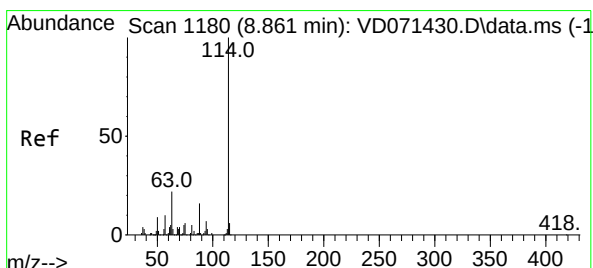
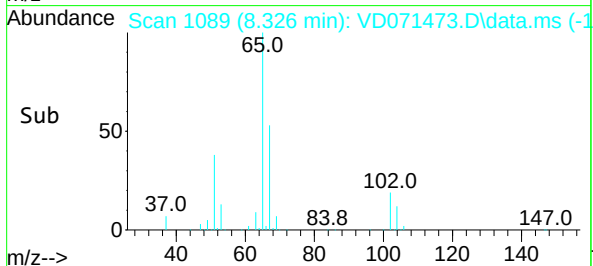
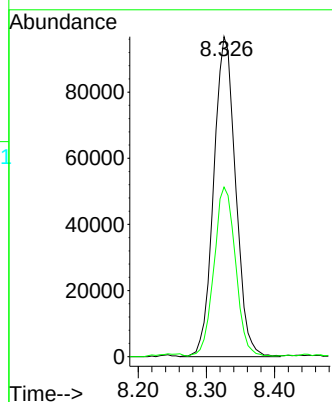
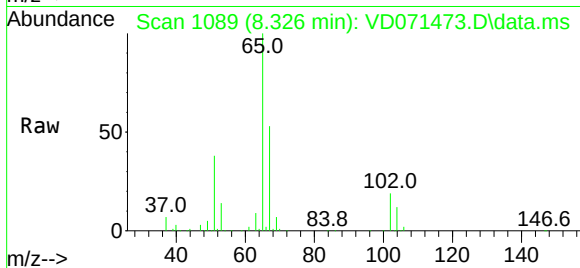
DB-4-(7.5-8)-12-8-21

Tgt Ion: 65 Resp: 216545

Ion Ratio Lower Upper

65 100

67 51.9 0.0 112.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD071473.D

Acq: 25 Dec 2021 22:20

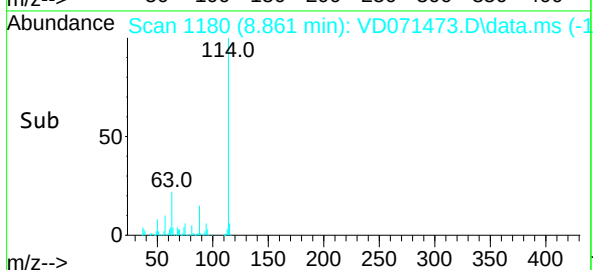
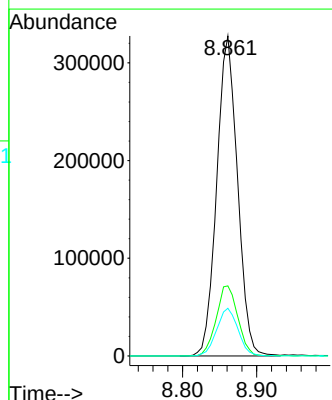
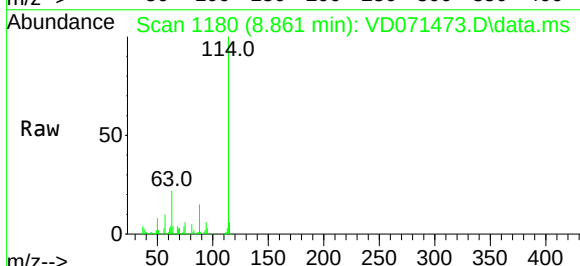
Tgt Ion: 114 Resp: 638012

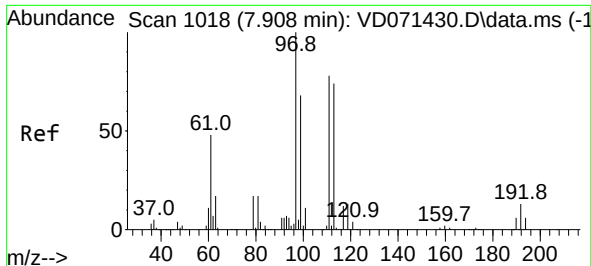
Ion Ratio Lower Upper

114 100

63 21.9 0.0 41.8

88 14.9 0.0 32.8





#35

Dibromofluoromethane

Concen: 47.741 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.006 min

Lab File: VD071473.D

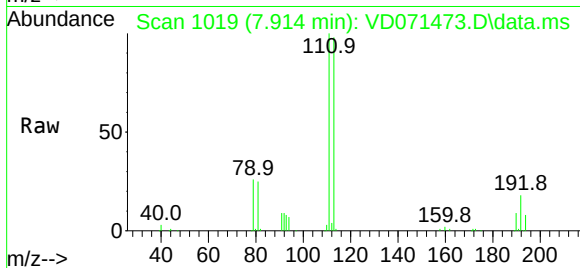
Acq: 25 Dec 2021 22:20

Instrument :

MSVOA_D

ClientSampleId :

DB-4-(7.5-8)-12-8-21



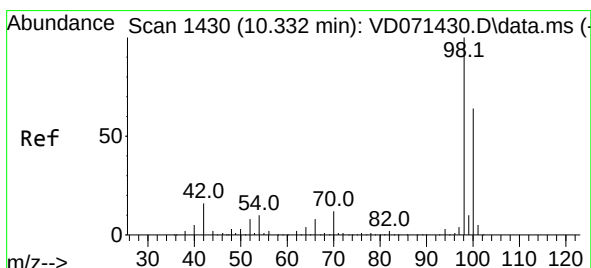
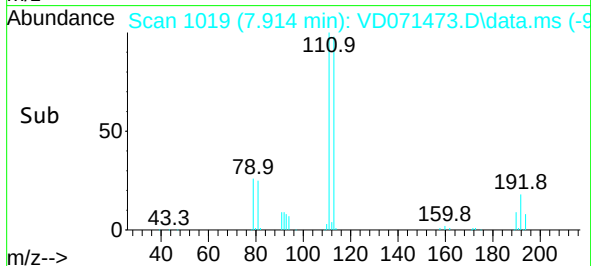
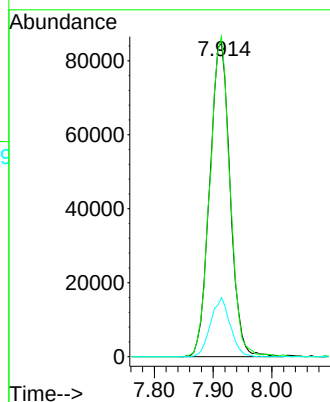
Tgt Ion:113 Resp: 204712

Ion Ratio Lower Upper

113 100

111 100.0 82.0 123.0

192 18.1 15.2 22.8



#50

Toluene-d8

Concen: 51.277 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VD071473.D

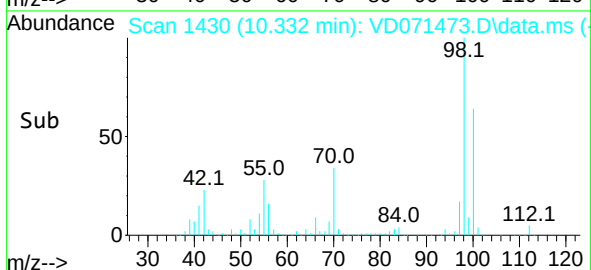
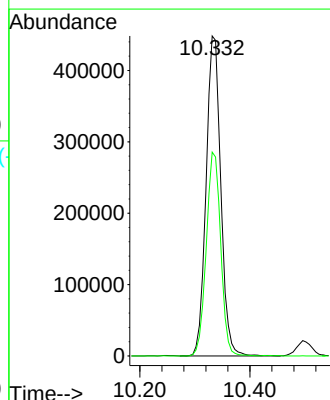
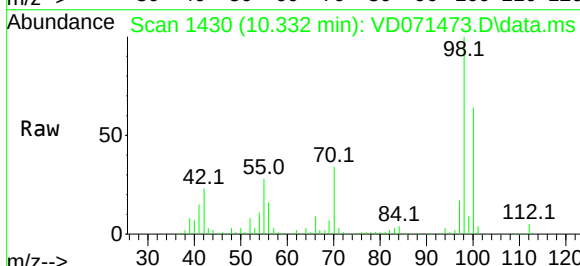
Acq: 25 Dec 2021 22:20

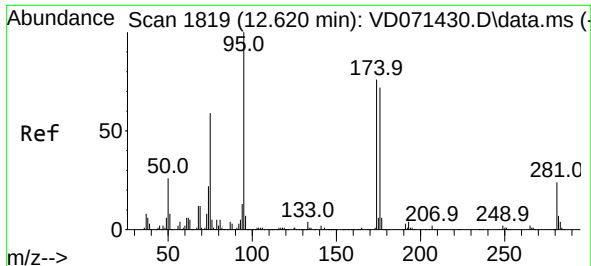
Tgt Ion: 98 Resp: 830905

Ion Ratio Lower Upper

98 100

100 62.5 51.8 77.6

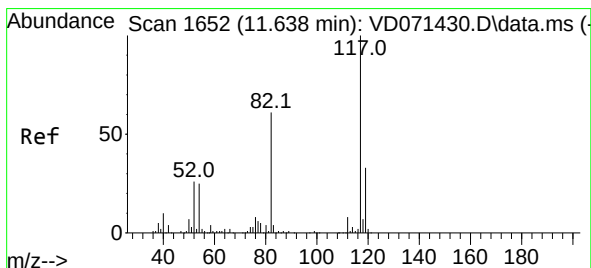
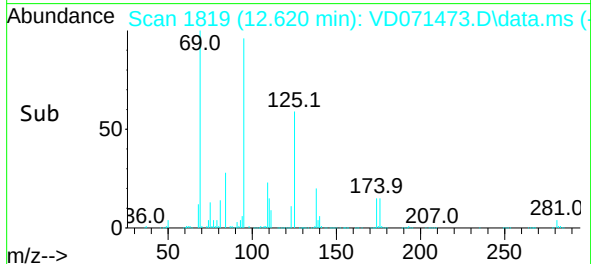
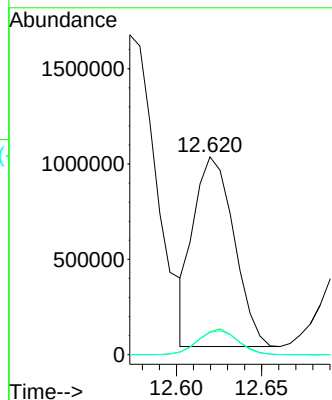
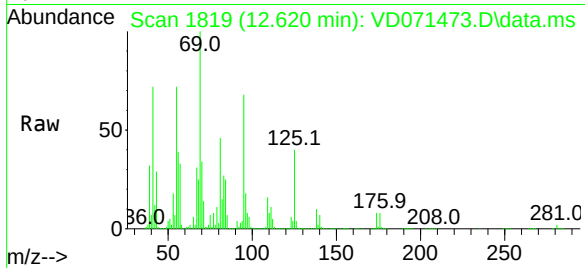




#62
4-Bromofluorobenzene
Concen: 284.693 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD071473.D
Acq: 25 Dec 2021 22:20

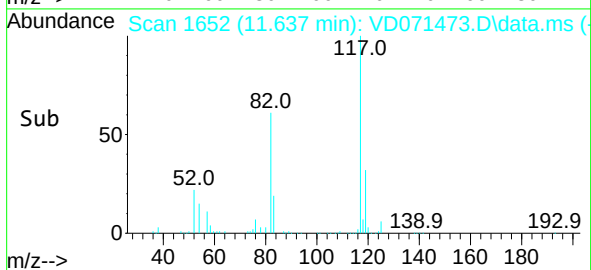
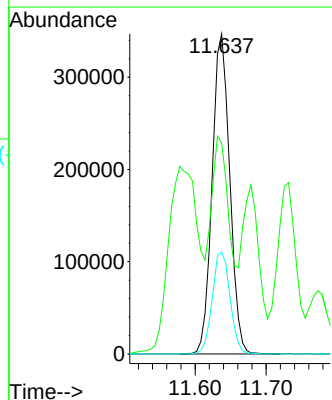
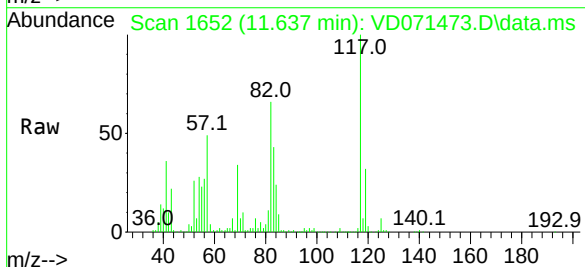
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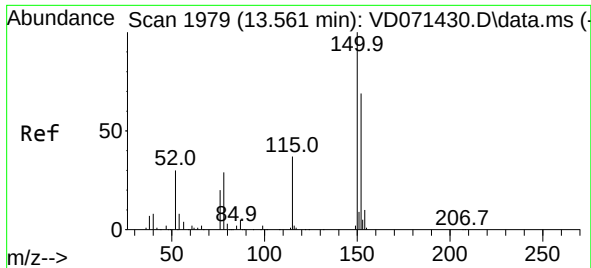
Tgt Ion: 95 Resp: 1639302
Ion Ratio Lower Upper
95 100
174 13.2 0.0 159.4
176 12.8 0.0 154.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 1652
Delta R.T. -0.001 min
Lab File: VD071473.D
Acq: 25 Dec 2021 22:20

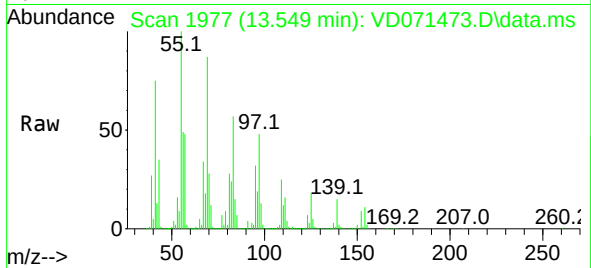
Tgt Ion: 117 Resp: 595688
Ion Ratio Lower Upper
117 100
82 25.2 44.7 67.1#
119 31.9 26.2 39.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.549 min Scan# 1977
 Delta R.T. -0.012 min
 Lab File: VD071473.D
 Acq: 25 Dec 2021 22:20

Instrument :
 MSVOA_D
 ClientSampleId :
 DB-4-(7.5-8)-12-8-21



Tgt Ion:152 Resp: 1111254
 Ion Ratio Lower Upper
 152 100
 115 12.6 29.8 89.3#
 150 30.3 0.0 349.2

