

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122921\
 Data File : VD071525.D
 Acq On : 29 Dec 2021 13:33
 Operator : VA/SY
 Sample : M5230-07
 Misc : 3.93G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PSC164718

Quant Time: Dec 29 15:28:38 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)

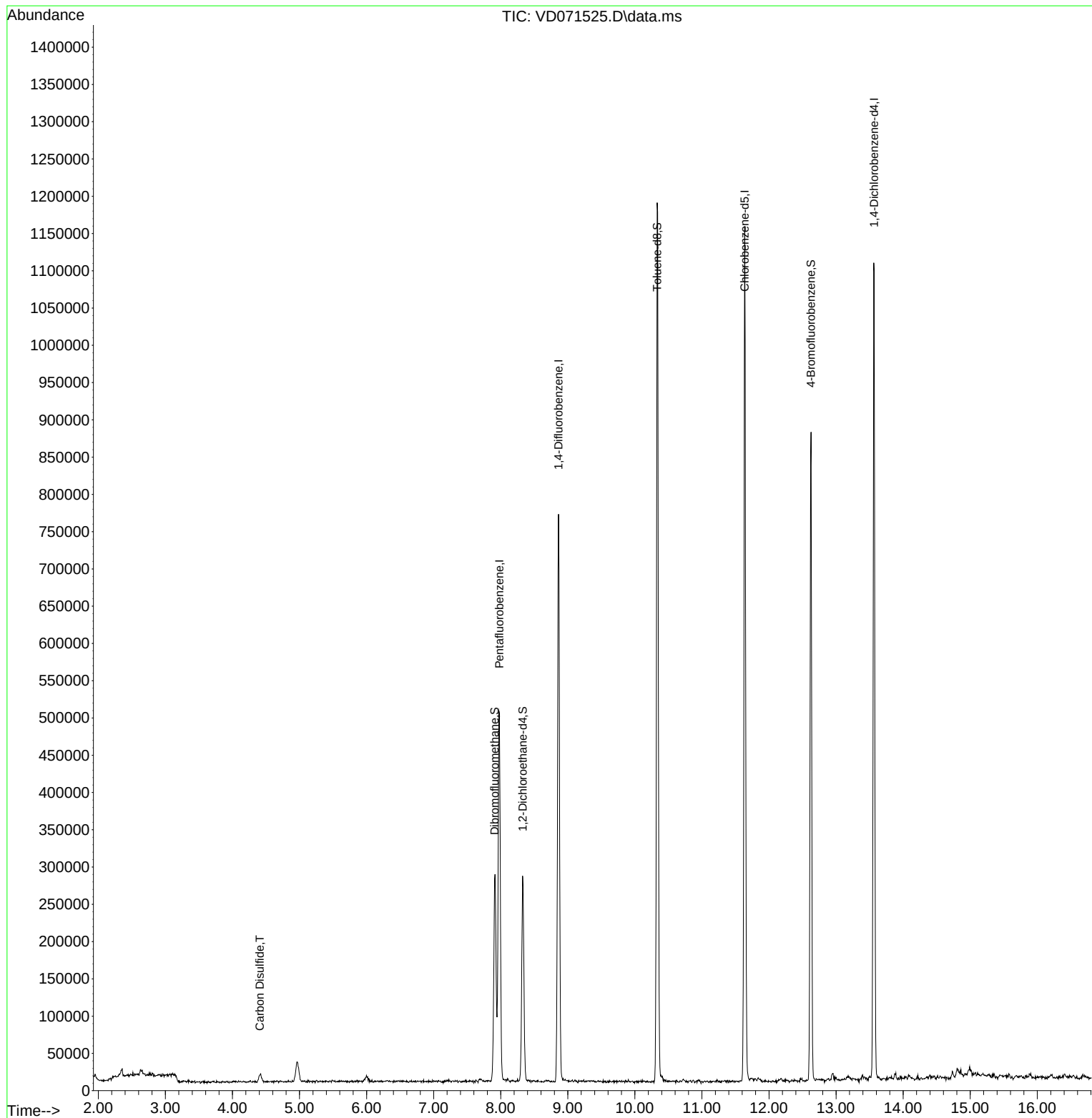
Internal Standards						
1) Pentafluorobenzene	7.979	168	348463	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	609759	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	583004	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	264598	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	216654	46.815	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.620%
35) Dibromofluoromethane	7.909	113	194800	47.535	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.060%
50) Toluene-d8	10.332	98	767952	49.588	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.180%
62) 4-Bromofluorobenzene	12.626	95	269934	49.051	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	98.100%
Target Compounds						
17) Carbon Disulfide	4.409	76	21259	1.797	ug/l	Qvalue # 91

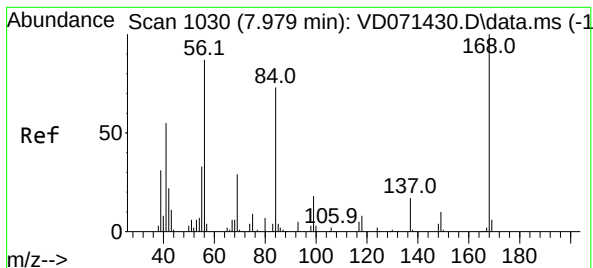
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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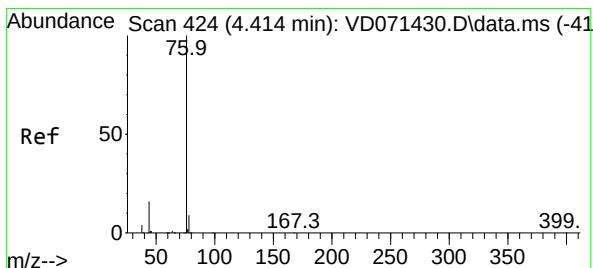
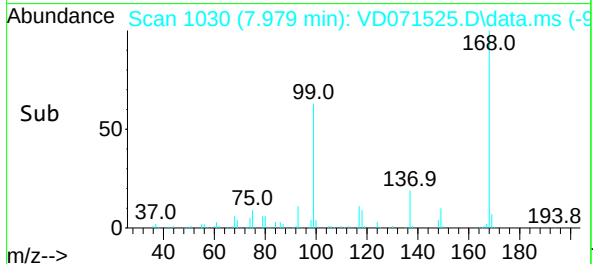
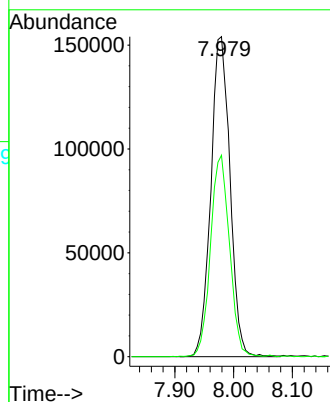
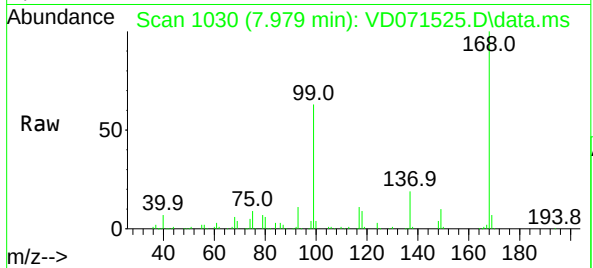




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 10
Delta R.T. 0.006 min
Lab File: VD071525.D
Acq: 29 Dec 2021 13:33

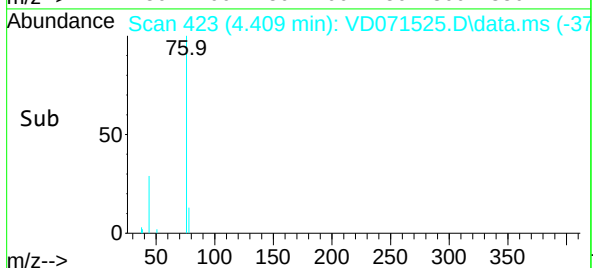
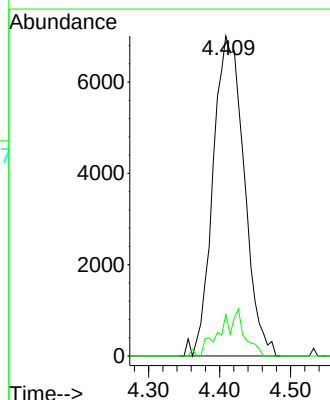
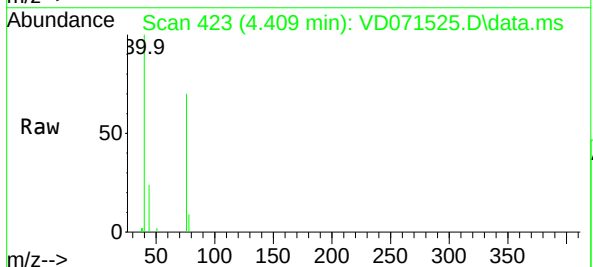
Instrument :
MSVOA_D
ClientSampleId :
PSC164718

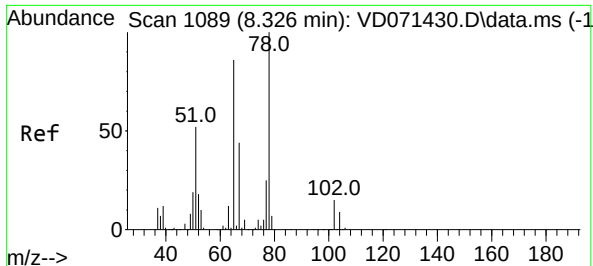
Tgt Ion:168 Resp: 348463
Ion Ratio Lower Upper
168 100
99 62.8 46.6 69.8



#17
Carbon Disulfide
Concen: 1.797 ug/l
RT: 4.409 min Scan# 423
Delta R.T. -0.000 min
Lab File: VD071525.D
Acq: 29 Dec 2021 13:33

Tgt Ion: 76 Resp: 21259
Ion Ratio Lower Upper
76 100
78 12.9 7.8 11.8#





#33

1,2-Dichloroethane-d4

Concen: 46.815 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD071525.D

Acq: 29 Dec 2021 13:33

Instrument :

MSVOA_D

ClientSampleId :

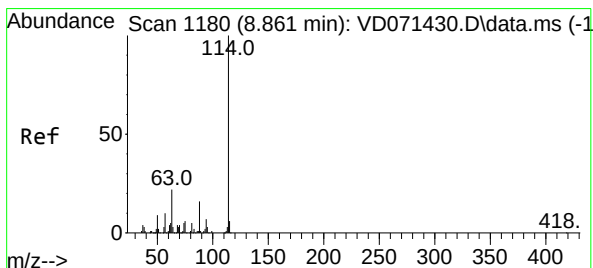
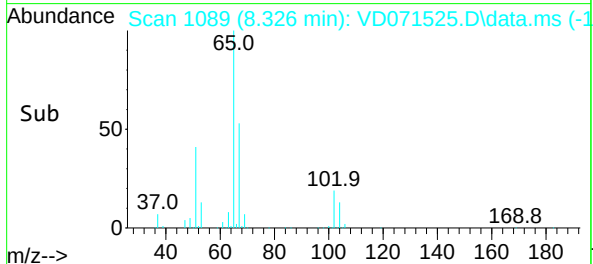
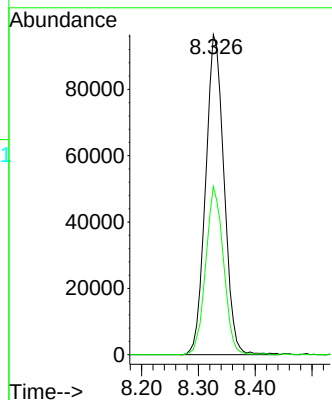
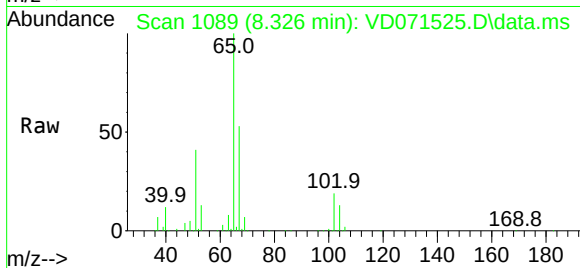
PSC164718

Tgt Ion: 65 Resp: 216654

Ion Ratio Lower Upper

65 100

67 50.7 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: VD071525.D

Acq: 29 Dec 2021 13:33

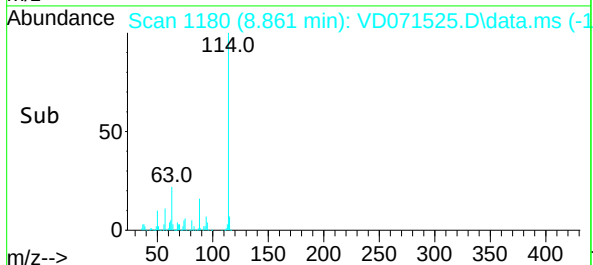
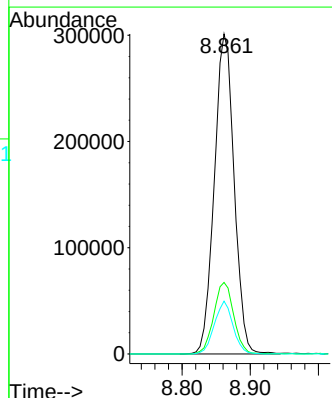
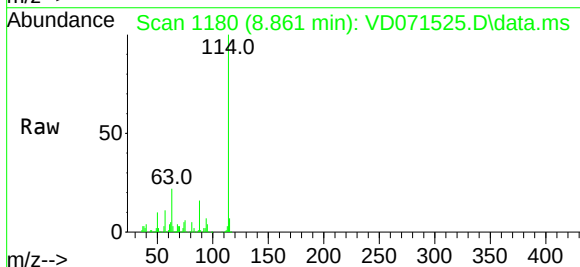
Tgt Ion: 114 Resp: 609759

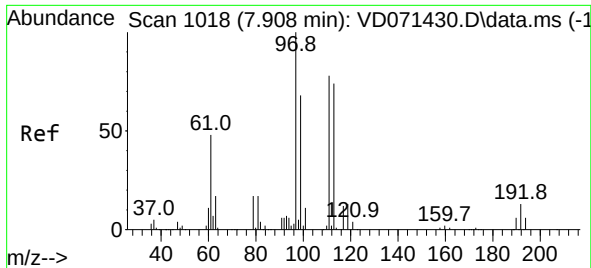
Ion Ratio Lower Upper

114 100

63 22.3 0.0 41.8

88 16.5 0.0 32.8





#35

Dibromofluoromethane

Concen: 47.535 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. 0.001 min

Lab File: VD071525.D

Acq: 29 Dec 2021 13:33

Instrument :

MSVOA_D

ClientSampleId :

PSC164718

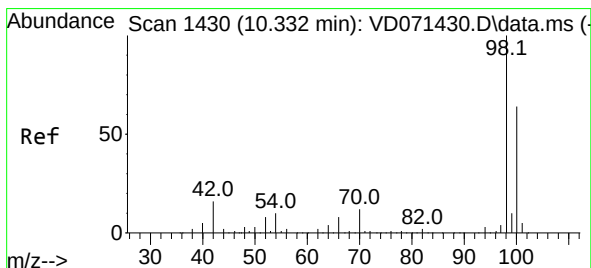
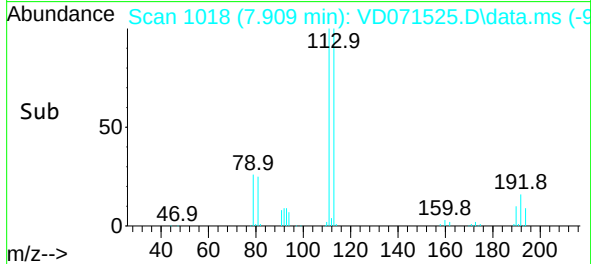
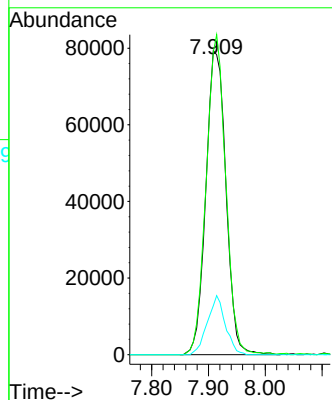
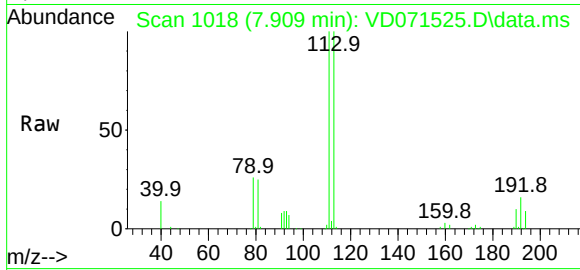
Tgt Ion:113 Resp: 194800

Ion Ratio Lower Upper

113 100

111 102.3 82.0 123.0

192 17.4 15.2 22.8



#50

Toluene-d8

Concen: 49.588 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VD071525.D

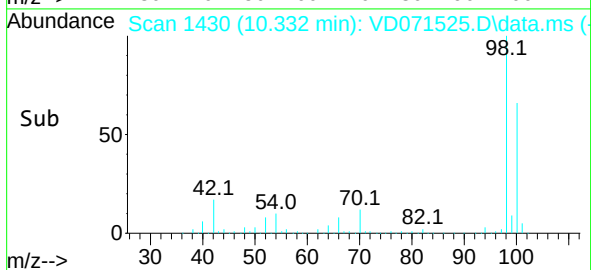
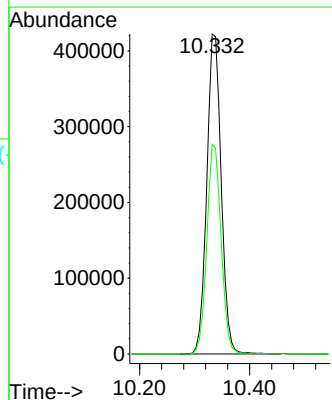
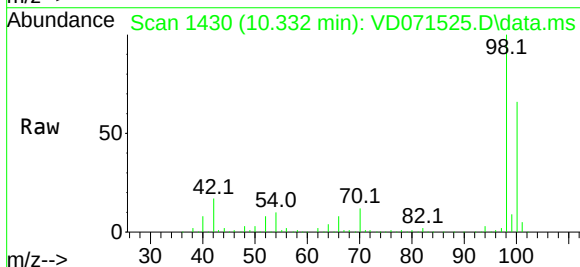
Acq: 29 Dec 2021 13:33

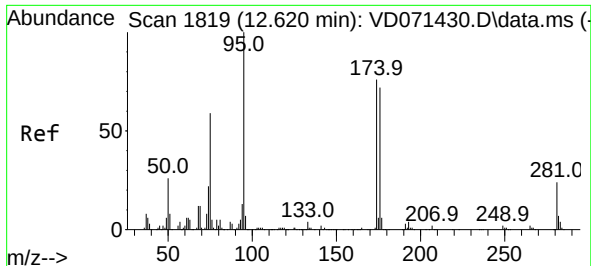
Tgt Ion: 98 Resp: 767952

Ion Ratio Lower Upper

98 100

100 64.8 51.8 77.6

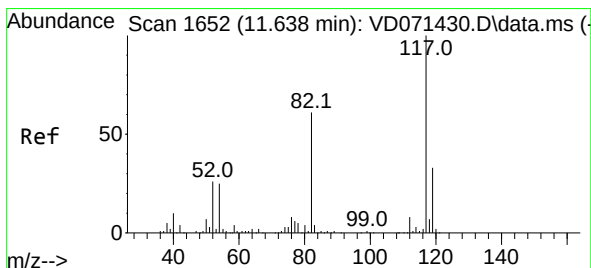
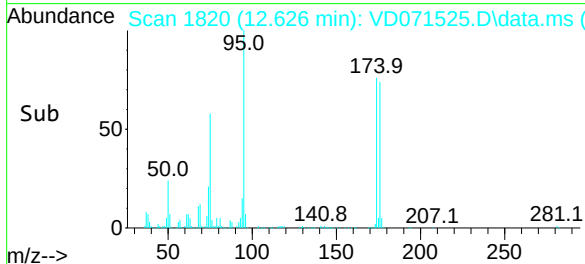
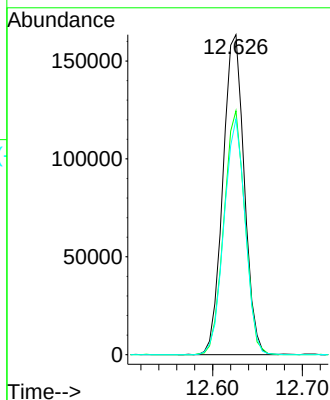
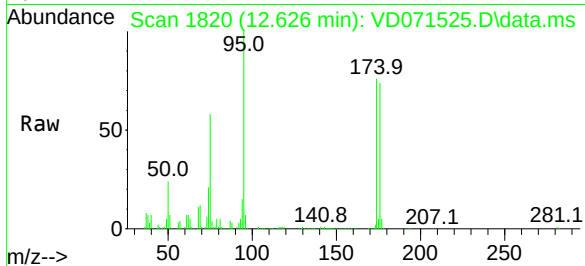




#62
4-Bromofluorobenzene
Concen: 49.051 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071525.D
Acq: 29 Dec 2021 13:33

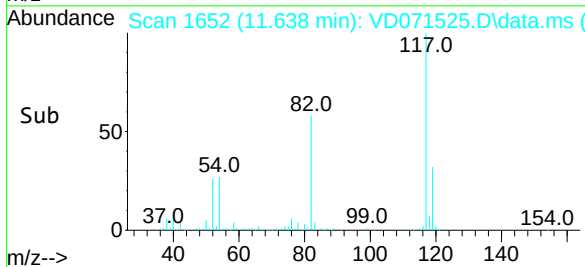
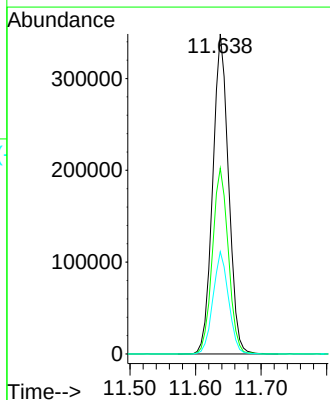
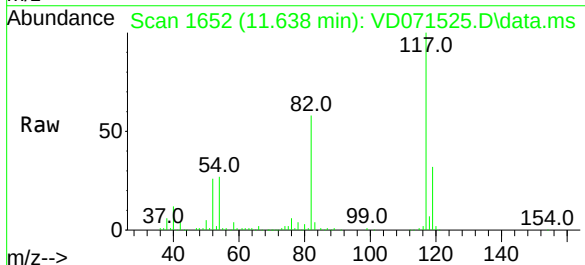
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MSVOA_D
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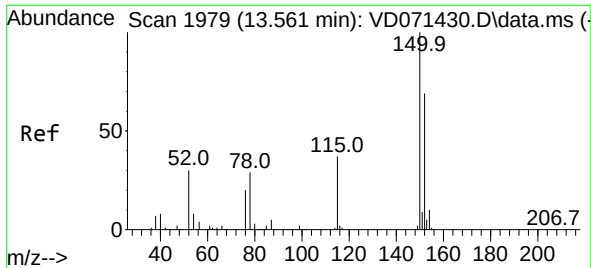
Tgt Ion: 95 Resp: 269934
Ion Ratio Lower Upper
95 100
174 75.3 0.0 159.4
176 73.3 0.0 154.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD071525.D
Acq: 29 Dec 2021 13:33

Tgt Ion: 117 Resp: 583004
Ion Ratio Lower Upper
117 100
82 58.0 44.7 67.1
119 32.0 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: VD071525.D
 Acq: 29 Dec 2021 13:33

Instrument :
 MSVOA_D
 ClientSampleId :
 PSC164718

Tgt Ion:152 Resp: 264598
 Ion Ratio Lower Upper
 152 100
 115 62.0 29.8 89.3
 150 155.3 0.0 349.2

