

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111121\
 Data File : VD071015.D
 Acq On : 12 Nov 2021 06:06
 Operator : VA/SY
 Sample : M4576-01RE
 Misc : 4.59G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-1-(12-12.5)RE

Quant Time: Nov 12 08:18:13 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110921S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 10 03:55:51 2021
 Response via : Initial Calibration

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

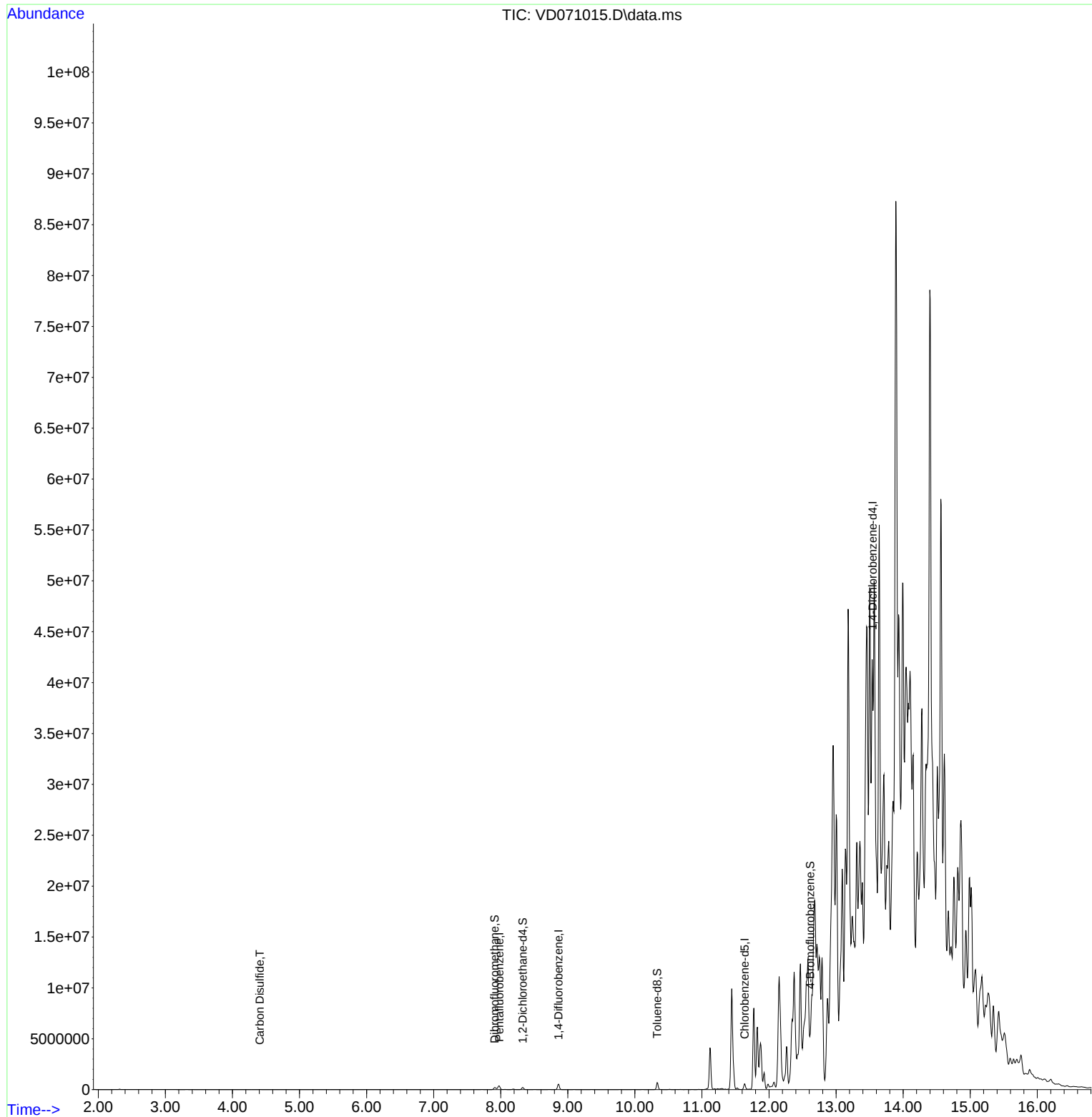
Internal Standards						
1) Pentafluorobenzene	7.979	168	244245	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	439865	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	290843	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.544	152	386770	50.000	ug/l	#-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	161588	62.137	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 124.280%	
35) Dibromofluoromethane	7.909	113	145474	58.610	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 117.220%	
50) Toluene-d8	10.332	98	446480	45.932	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 91.860%	
62) 4-Bromofluorobenzene	12.614	95	326460	93.276	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 186.560%#	
Target Compounds						Qvalue
17) Carbon Disulfide	4.409	76	14197	1.896	ug/l	# 94

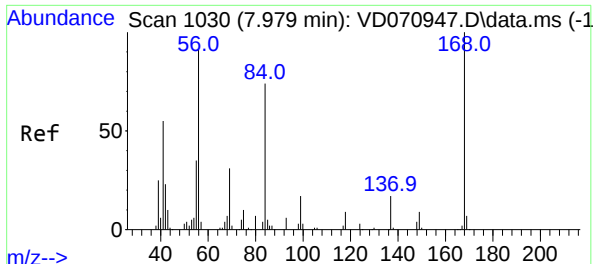
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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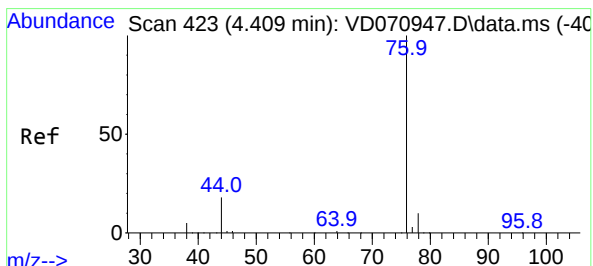
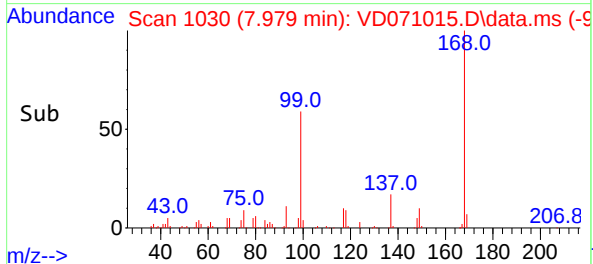
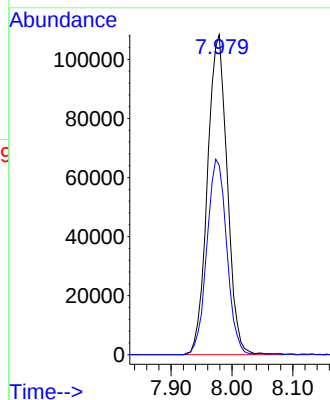
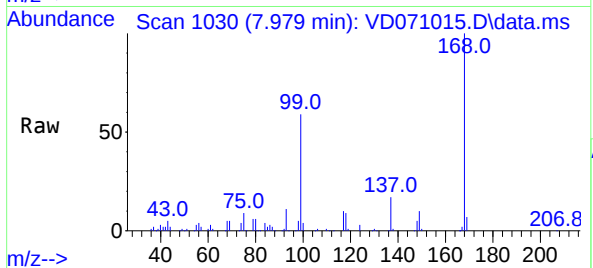




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD071015.D
Acq: 12 Nov 2021 06:06

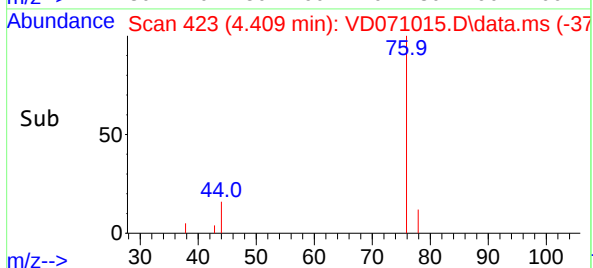
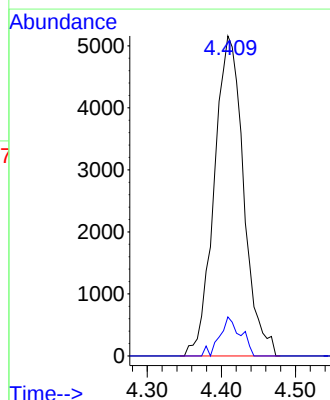
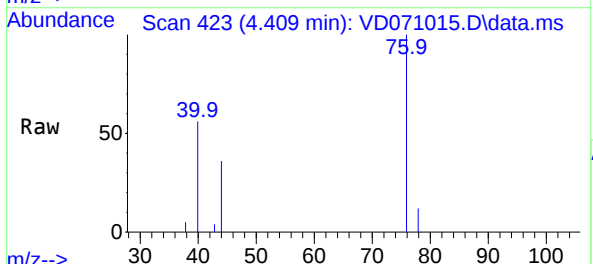
Instrument :
MSVOA_D
ClientSampleId :
SB-1-(12-12.5)RE

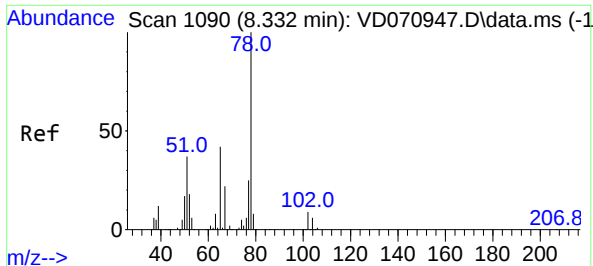
Tgt Ion:168 Resp: 244245
Ion Ratio Lower Upper
168 100
99 59.2 46.6 69.8



#17
Carbon Disulfide
Concen: 1.896 ug/l
RT: 4.409 min Scan# 423
Delta R.T. -0.000 min
Lab File: VD071015.D
Acq: 12 Nov 2021 06:06

Tgt Ion: 76 Resp: 14197
Ion Ratio Lower Upper
76 100
78 12.2 7.8 11.8#





#33

1,2-Dichloroethane-d4

Concen: 62.137 ug/l

RT: 8.326 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD071015.D

Acq: 12 Nov 2021 06:06

Instrument :

MSVOA_D

ClientSampleId :

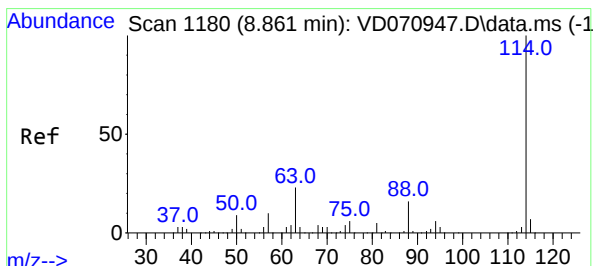
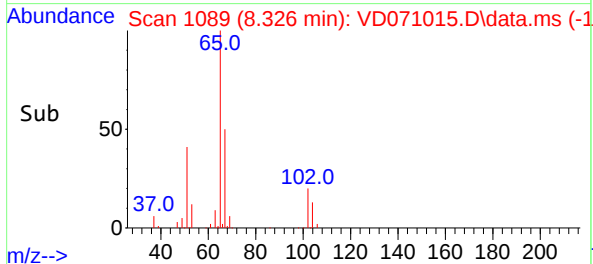
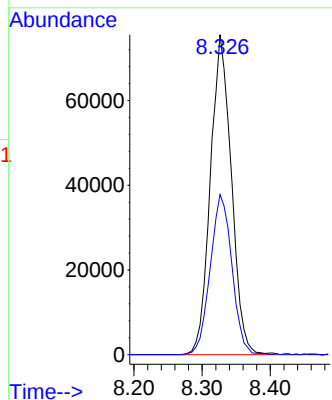
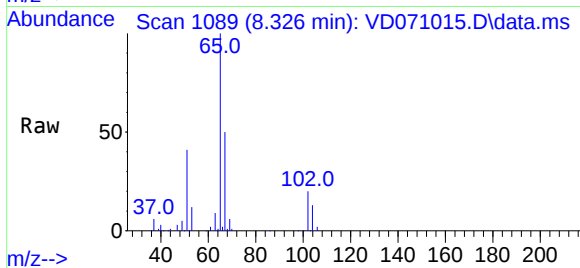
SB-1-(12-12.5)RE

Tgt Ion: 65 Resp: 161588

Ion Ratio Lower Upper

65 100

67 51.8 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: VD071015.D

Acq: 12 Nov 2021 06:06

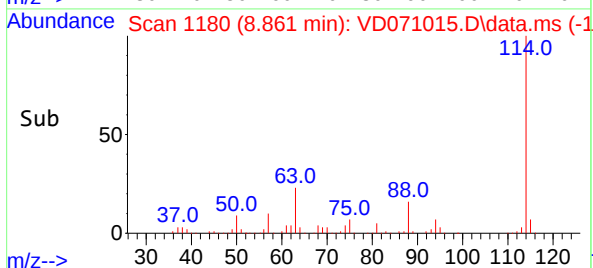
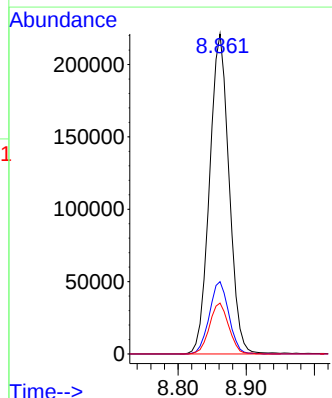
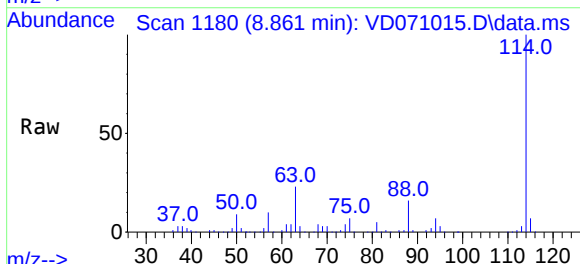
Tgt Ion: 114 Resp: 439865

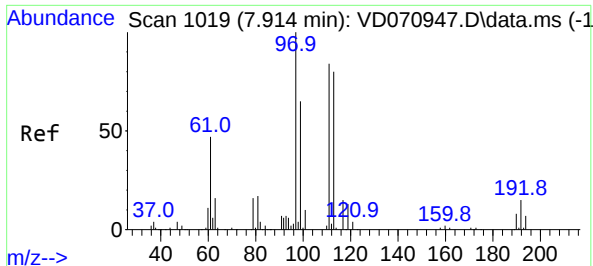
Ion Ratio Lower Upper

114 100

63 22.6 0.0 41.8

88 15.9 0.0 32.8

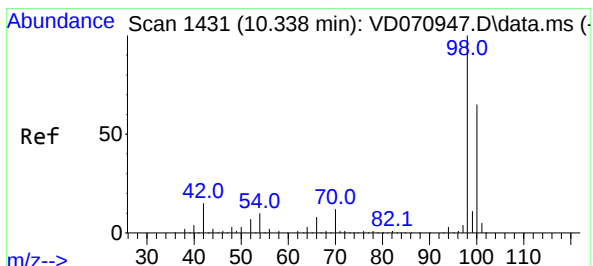
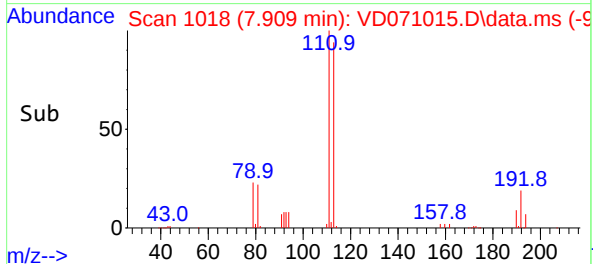
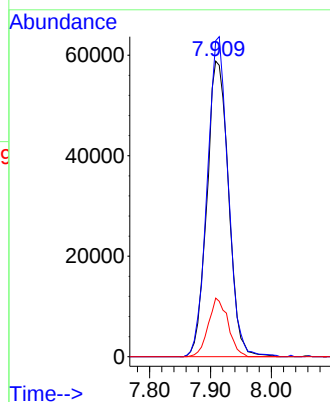
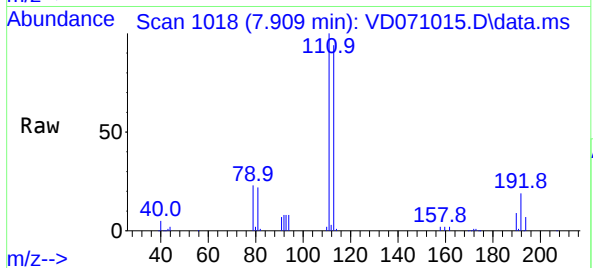




#35
Dibromofluoromethane
Concen: 58.610 ug/l
RT: 7.909 min Scan# 1019
Delta R.T. -0.005 min
Lab File: VD071015.D
Acq: 12 Nov 2021 06:06

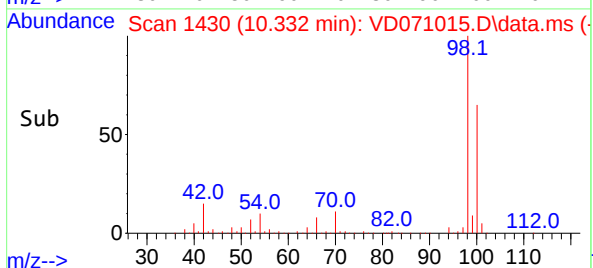
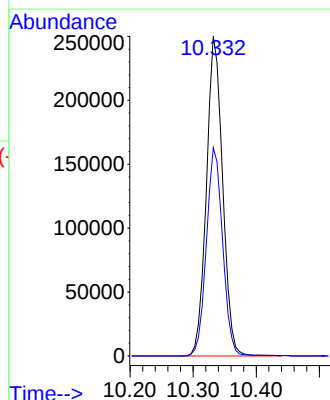
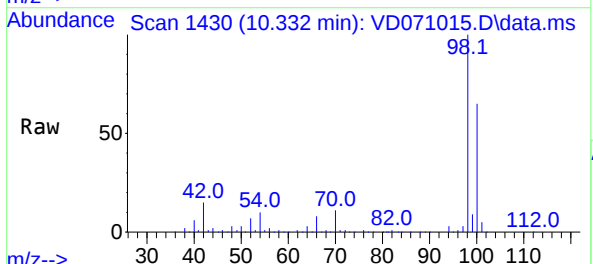
Instrument :
MSVOA_D
ClientSampleId :
SB-1-(12-12.5)RE

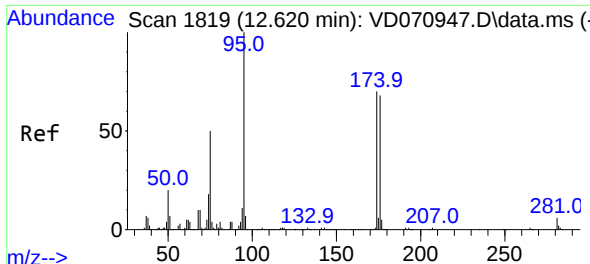
Tgt Ion:113 Resp: 145474
Ion Ratio Lower Upper
113 100
111 104.6 82.0 123.0
192 18.0 15.2 22.8



#50
Toluene-d8
Concen: 45.932 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD071015.D
Acq: 12 Nov 2021 06:06

Tgt Ion: 98 Resp: 446480
Ion Ratio Lower Upper
98 100
100 65.1 51.8 77.6

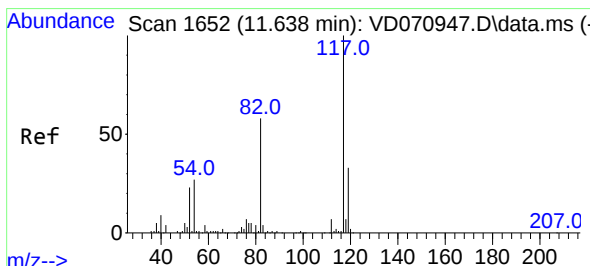
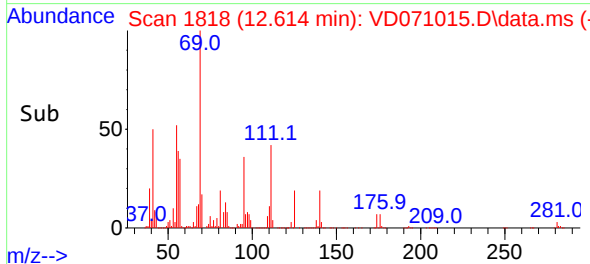
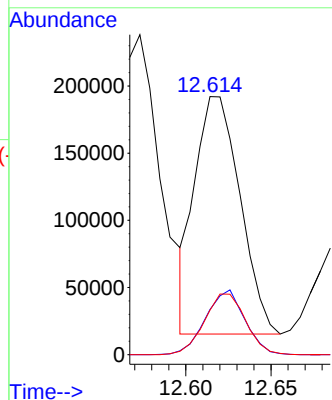
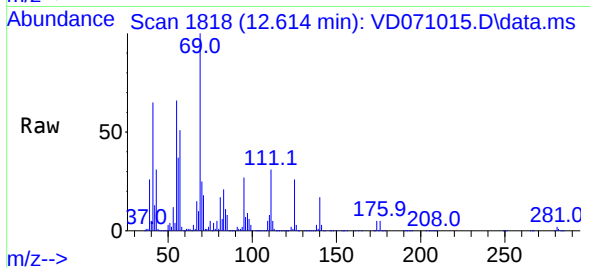




#62
4-Bromofluorobenzene
Concen: 93.276 ug/l
RT: 12.614 min Scan# 1818
Delta R.T. -0.006 min
Lab File: VD071015.D
Acq: 12 Nov 2021 06:06

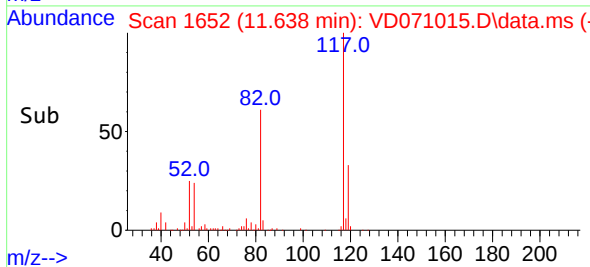
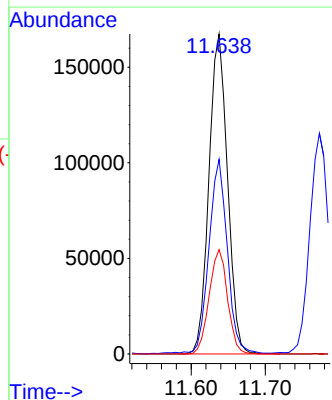
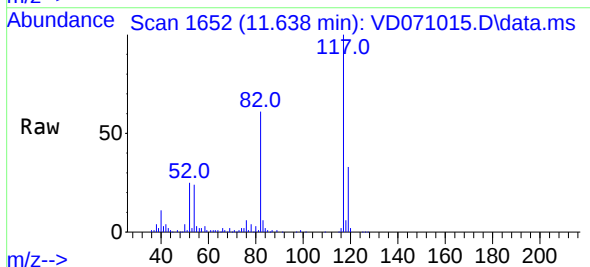
Instrument :
MSVOA_D
ClientSampleId :
SB-1-(12-12.5)RE

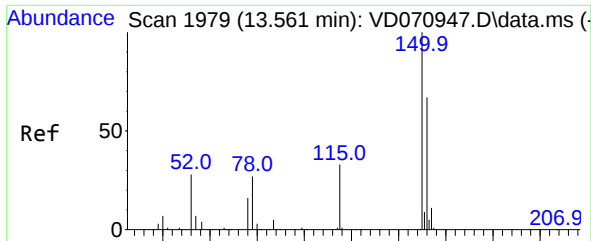
Tgt Ion: 95 Resp: 326460
Ion Ratio Lower Upper
95 100
174 23.8 0.0 159.4
176 23.5 0.0 154.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD071015.D
Acq: 12 Nov 2021 06:06

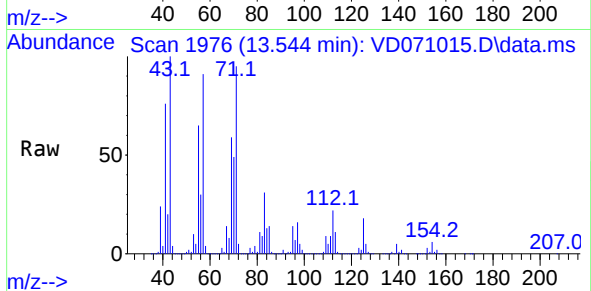
Tgt Ion: 117 Resp: 290843
Ion Ratio Lower Upper
117 100
82 60.5 44.7 67.1
119 32.6 26.2 39.4





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.544 min Scan# 1976
Delta R.T. -0.017 min
Lab File: VD071015.D
Acq: 12 Nov 2021 06:06

Instrument :
MSVOA_D
ClientSampleId :
SB-1-(12-12.5)RE



Tgt Ion:152 Resp: 386770
Ion Ratio Lower Upper
152 100
115 0.0 29.8 89.3#
150 0.0 0.0 349.2

