

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121621\
 Data File : VD071371.D
 Acq On : 16 Dec 2021 17:04
 Operator : VA/SY
 Sample : M5111-04
 Misc : 5.87G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-4

Quant Time: Dec 16 23:50:46 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D112921S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 29 17:54:09 2021
 Response via : Initial Calibration

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

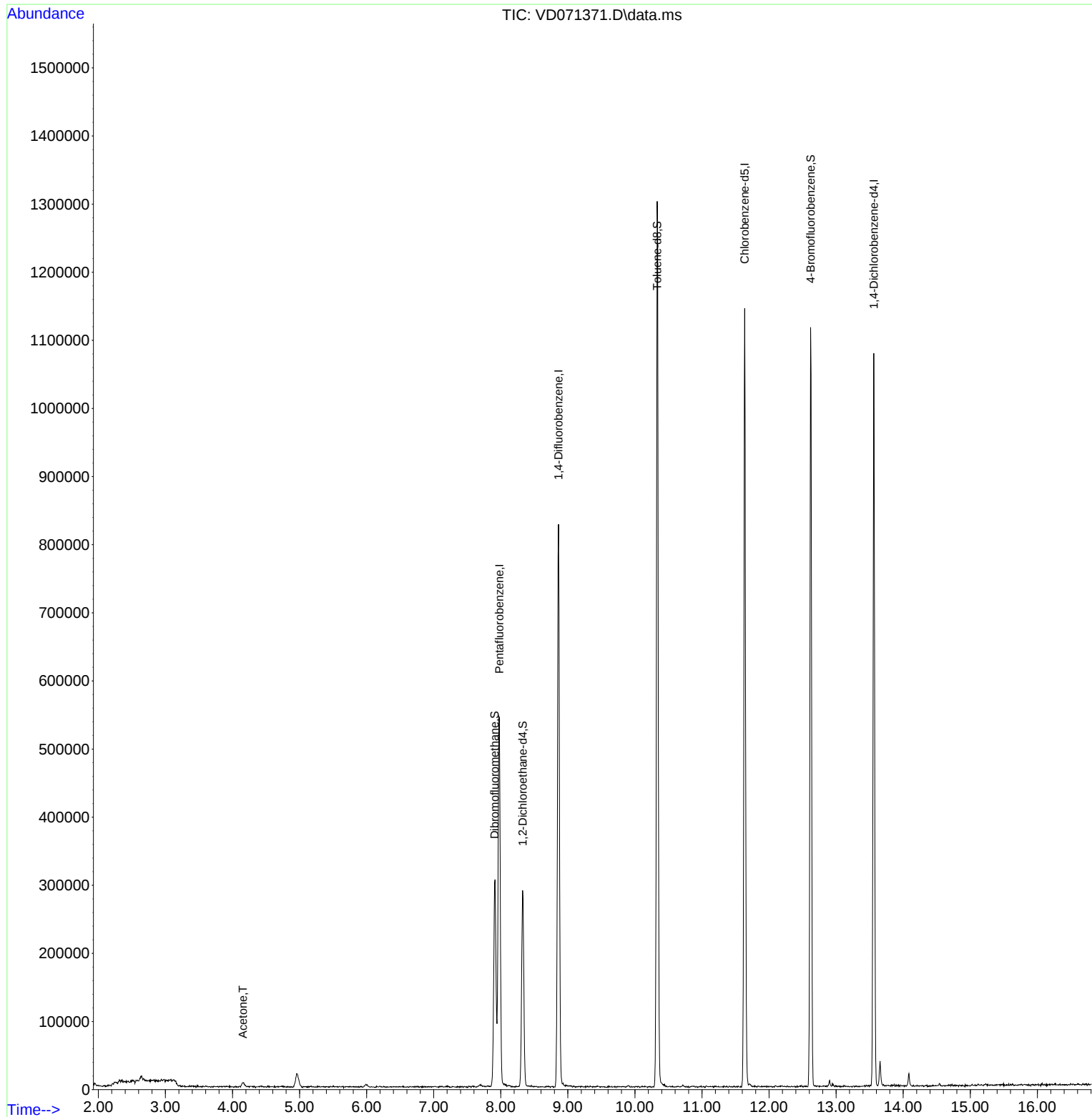
Internal Standards						
1) Pentafluorobenzene	7.979	168	379891	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	660966	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	586843	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	250092	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	232325	52.119	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.240%	
35) Dibromofluoromethane	7.908	113	214953	51.070	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.140%	
50) Toluene-d8	10.332	98	833801	52.056	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 104.120%	
62) 4-Bromofluorobenzene	12.620	95	260575	46.932	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 93.860%	
Target Compounds						
16) Acetone	4.156	43	11393	39.236	ug/l	Qvalue # 83

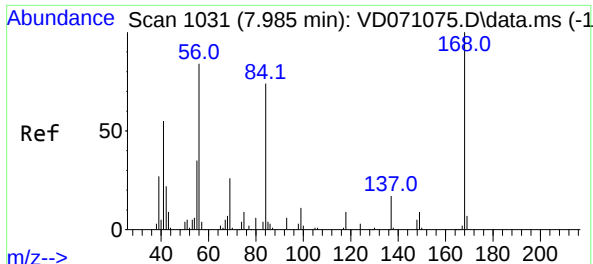
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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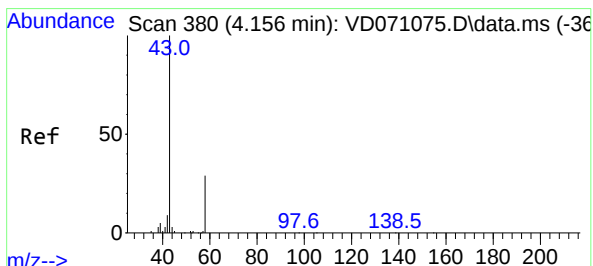
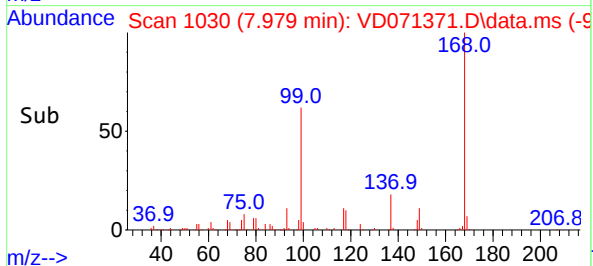
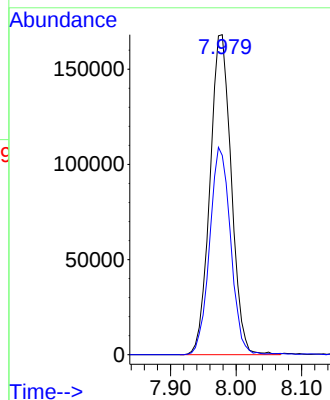
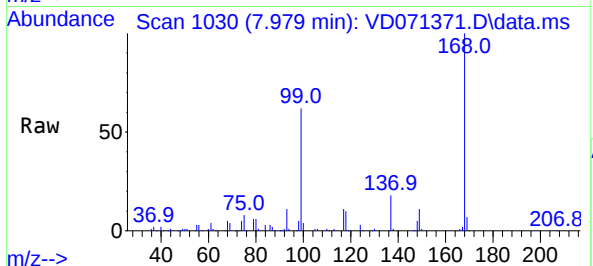




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VD071371.D
Acq: 16 Dec 2021 17:04

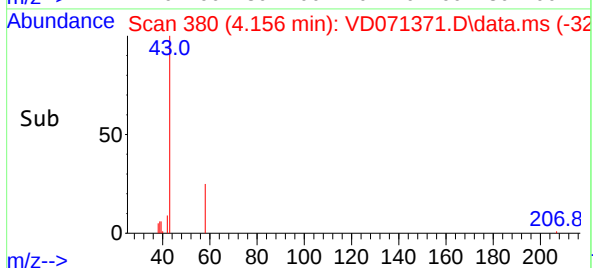
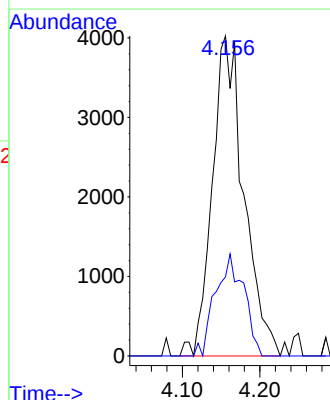
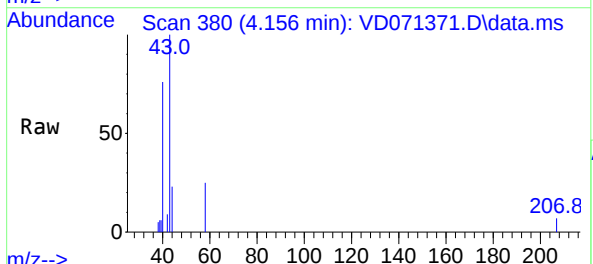
Instrument :
MSVOA_D
ClientSampleId :
SB-4

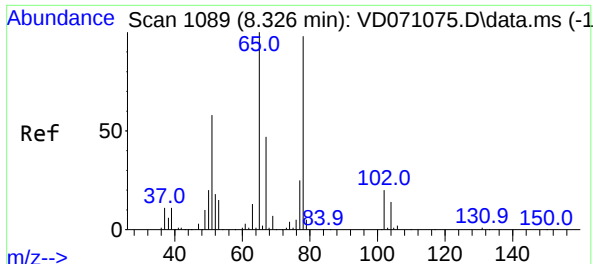
Tgt Ion:168 Resp: 379891
Ion Ratio Lower Upper
168 100
99 62.2 46.6 69.8



#16
Acetone
Concen: 39.236 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD071371.D
Acq: 16 Dec 2021 17:04

Tgt Ion: 43 Resp: 11393
Ion Ratio Lower Upper
43 100
58 24.7 27.8 41.8#





#33

1,2-Dichloroethane-d4

Concen: 52.119 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD071371.D

Acq: 16 Dec 2021 17:04

Instrument :

MSVOA_D

ClientSampleId :

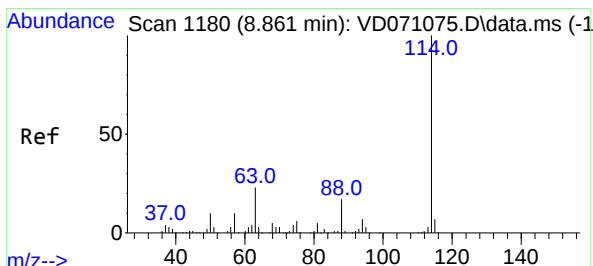
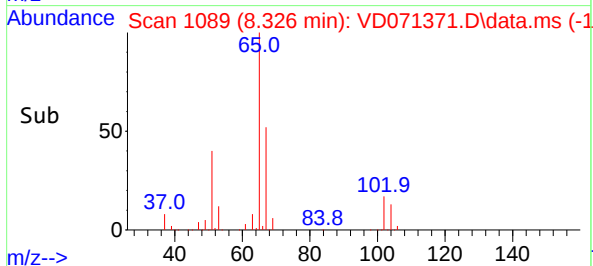
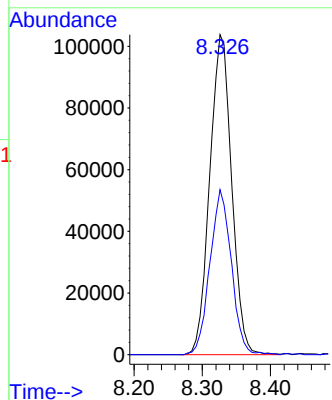
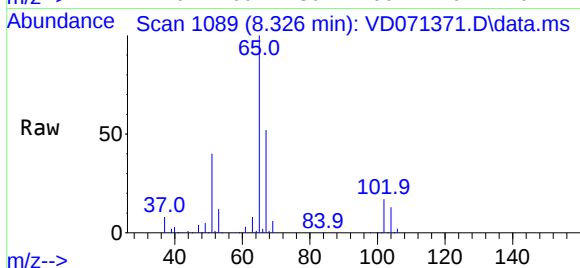
SB-4

Tgt Ion: 65 Resp: 232325

Ion Ratio Lower Upper

65 100

67 50.5 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: VD071371.D

Acq: 16 Dec 2021 17:04

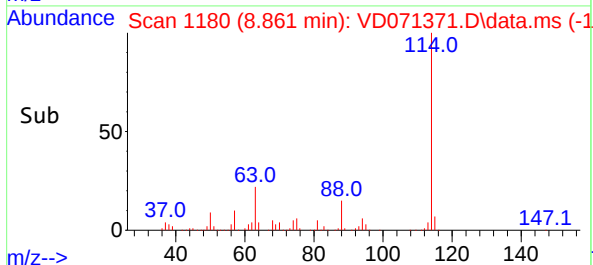
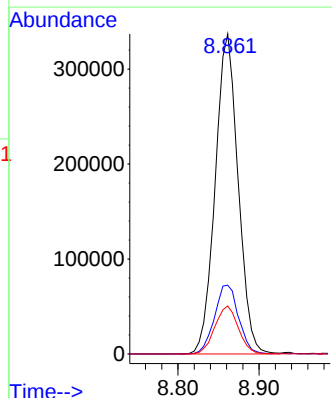
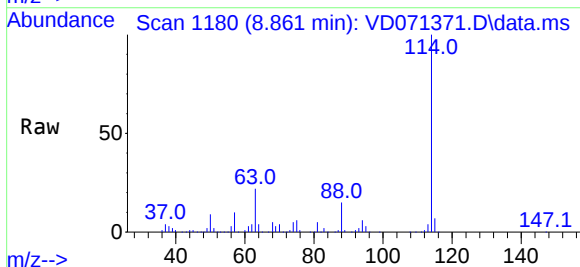
Tgt Ion: 114 Resp: 660966

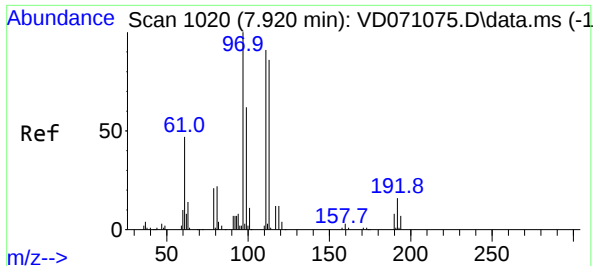
Ion Ratio Lower Upper

114 100

63 21.5 0.0 41.8

88 15.0 0.0 32.8

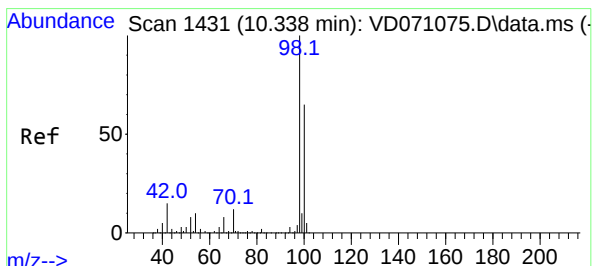
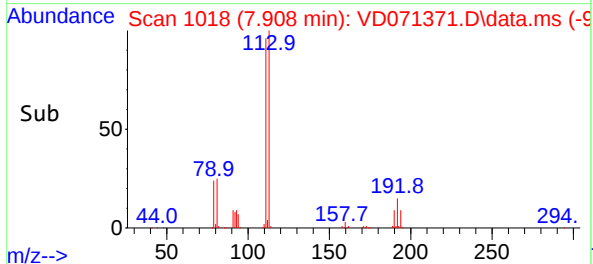
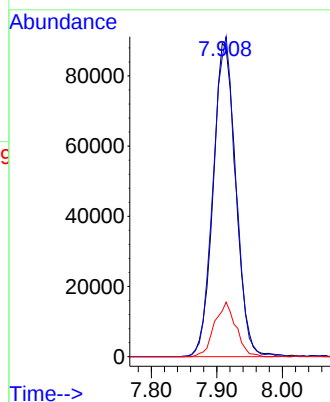
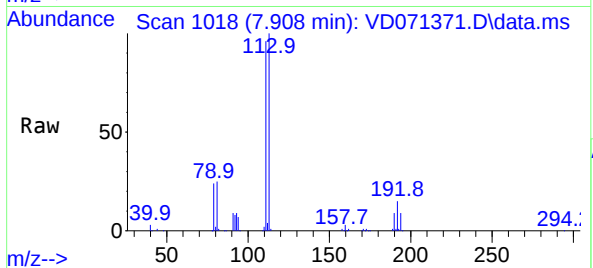




#35
Dibromofluoromethane
Concen: 51.070 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.012 min
Lab File: VD071371.D
Acq: 16 Dec 2021 17:04

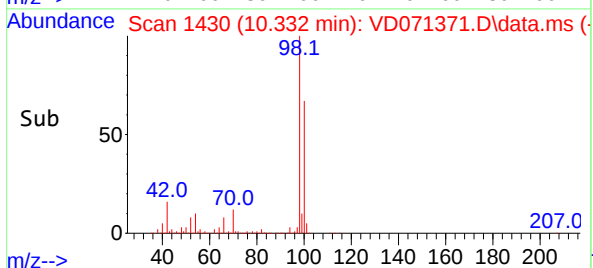
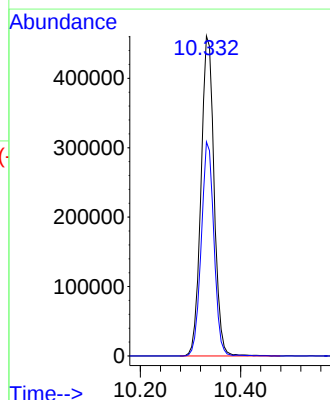
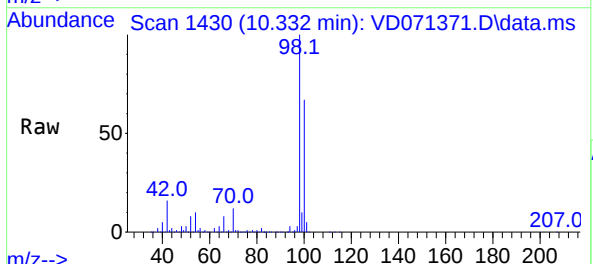
Instrument :
MSVOA_D
ClientSampleId :
SB-4

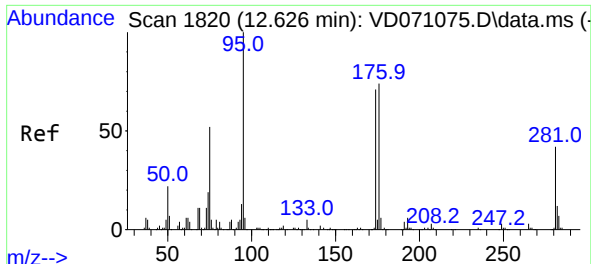
Tgt Ion:113 Resp: 214953
Ion Ratio Lower Upper
113 100
111 100.5 82.0 123.0
192 16.5 15.2 22.8



#50
Toluene-d8
Concen: 52.056 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD071371.D
Acq: 16 Dec 2021 17:04

Tgt Ion: 98 Resp: 833801
Ion Ratio Lower Upper
98 100
100 64.8 51.8 77.6

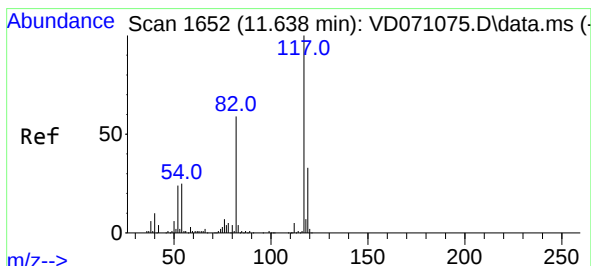
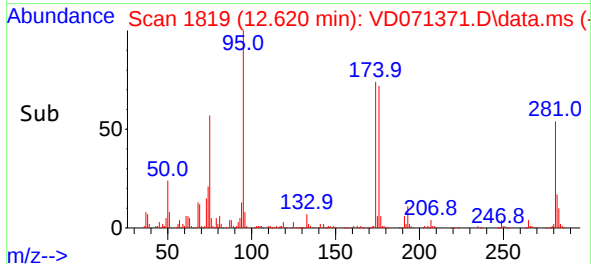
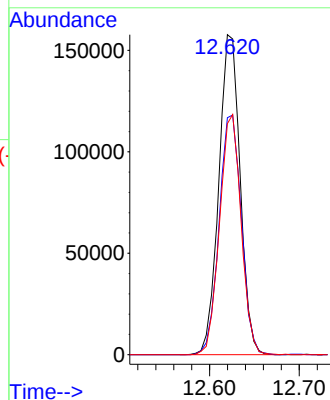
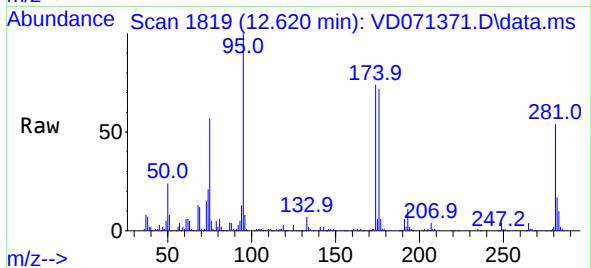




#62
4-Bromofluorobenzene
Concen: 46.932 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD071371.D
Acq: 16 Dec 2021 17:04

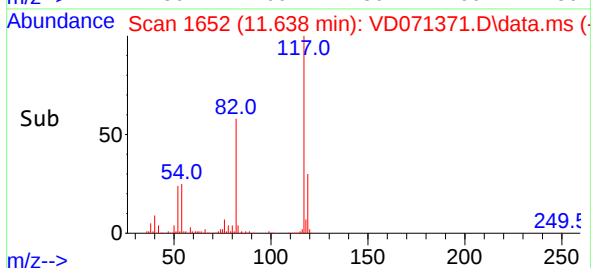
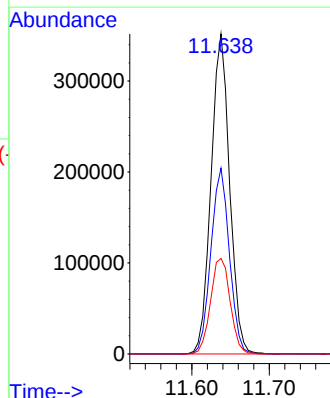
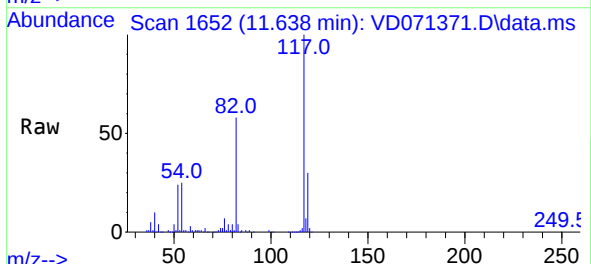
Instrument :
MSVOA_D
ClientSampleId :
SB-4

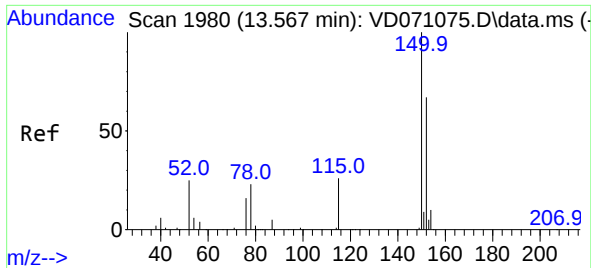
Tgt Ion: 95 Resp: 260575
Ion Ratio Lower Upper
95 100
174 78.0 0.0 159.4
176 75.5 0.0 154.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD071371.D
Acq: 16 Dec 2021 17:04

Tgt Ion: 117 Resp: 586843
Ion Ratio Lower Upper
117 100
82 58.0 44.7 67.1
119 29.9 26.2 39.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.561 min Scan# 1979

Delta R.T. -0.006 min

Lab File: VD071371.D

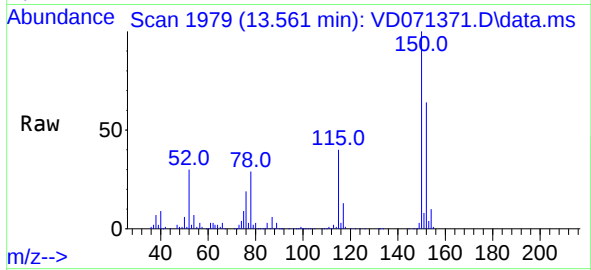
Acq: 16 Dec 2021 17:04

Instrument :

MSVOA_D

ClientSampleId :

SB-4



Tgt Ion:152 Resp: 250092

Ion Ratio Lower Upper

152 100

115 62.3 29.8 89.3

150 158.0 0.0 349.2

