

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121721\
 Data File : VD071383.D
 Acq On : 17 Dec 2021 16:12
 Operator : VA/SY
 Sample : M5146-01
 Misc : 5.04G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 NB-8-121721

Quant Time: Dec 19 01:53:25 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)

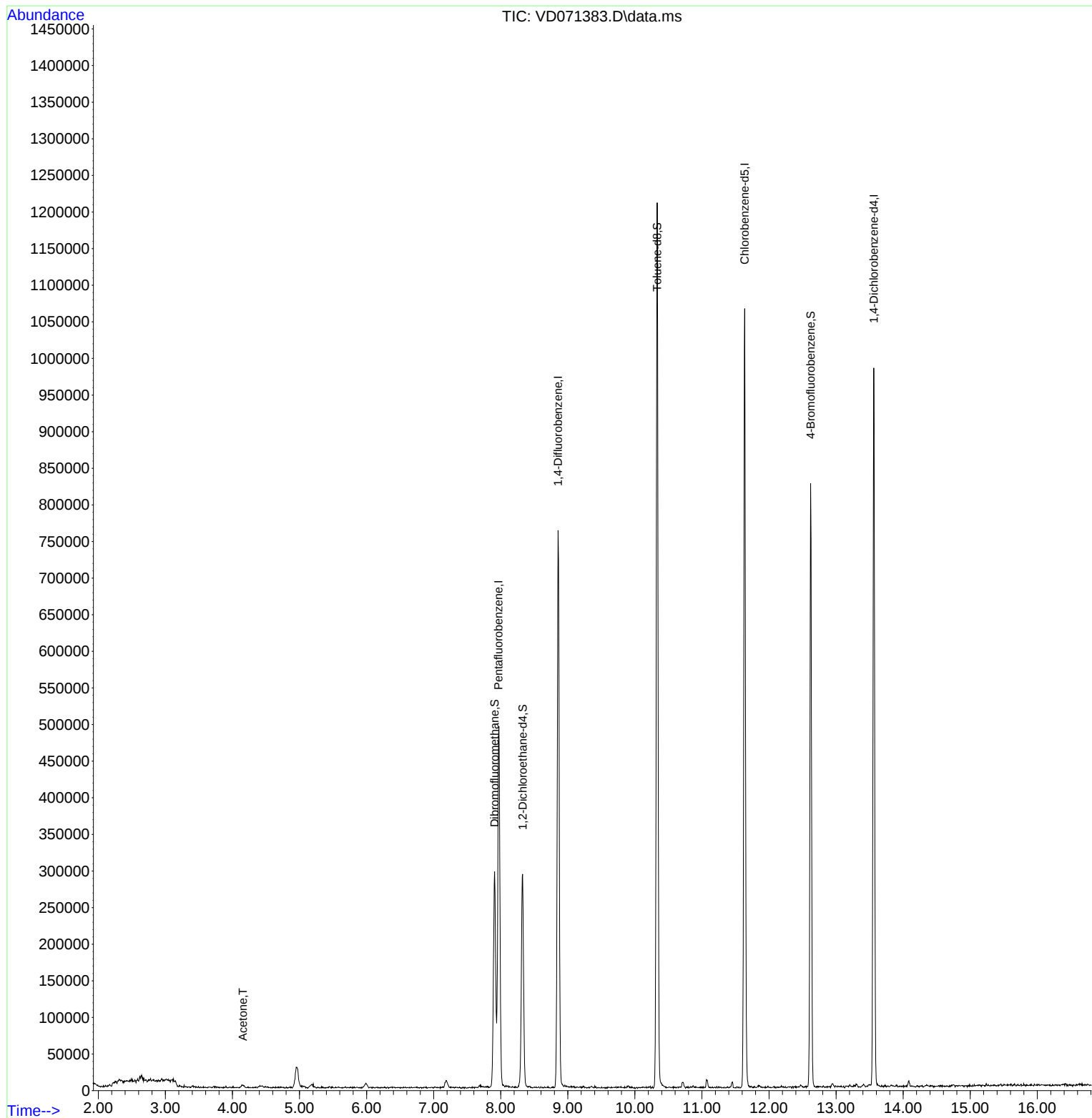
Internal Standards						
1) Pentafluorobenzene	7.967	168	344044	50.000	ug/l	-0.02
34) 1,4-Difluorobenzene	8.855	114	606891	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	556128	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	240193	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	232309	57.546	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.100%
35) Dibromofluoromethane	7.908	113	200410	51.858	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.720%
50) Toluene-d8	10.332	98	769132	52.298	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.600%
62) 4-Bromofluorobenzene	12.620	95	241713	47.414	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	94.820%
Target Compounds						Qvalue
16) Acetone	4.156	43	6506	36.118	ug/l	# 84

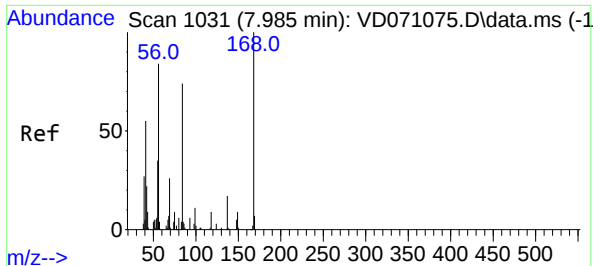
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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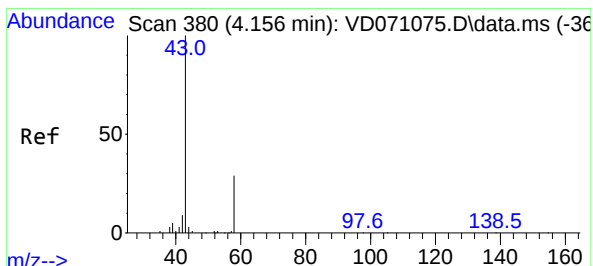
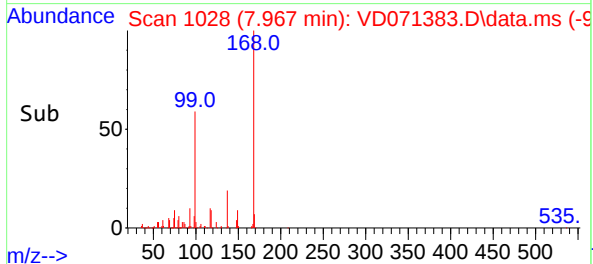
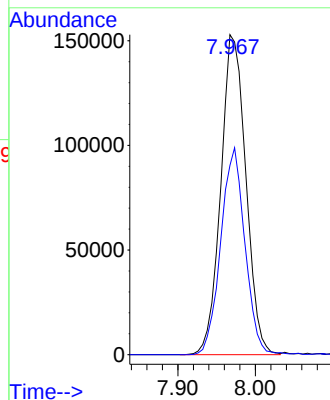
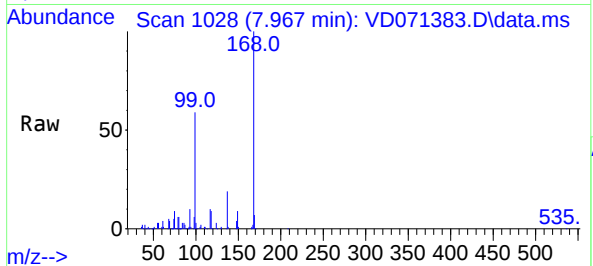




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.967 min Scan# 1031
Delta R.T. -0.018 min
Lab File: VD071383.D
Acq: 17 Dec 2021 16:12

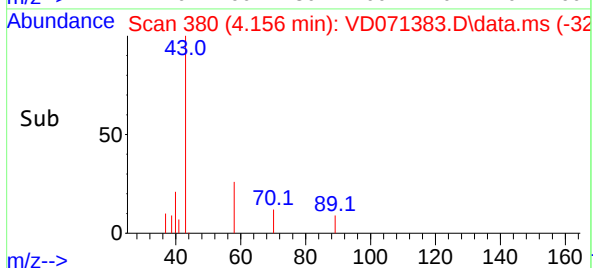
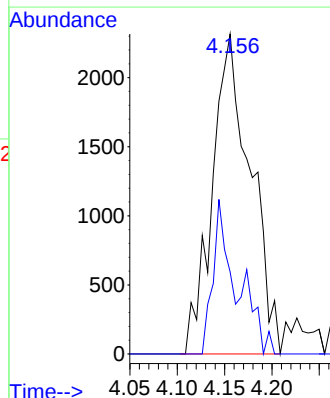
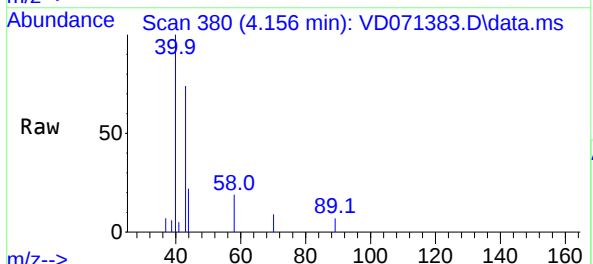
Instrument :
MSVOA_D
ClientSampleId :
NB-8-121721

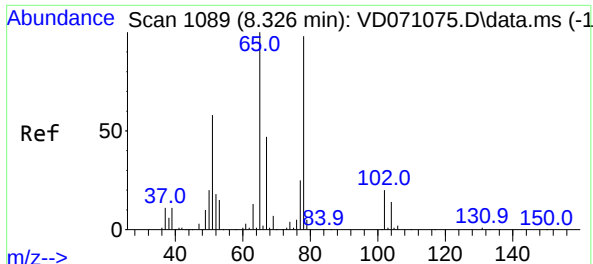
Tgt Ion:168 Resp: 344044
Ion Ratio Lower Upper
168 100
99 59.1 46.6 69.8



#16
Acetone
Concen: 36.118 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD071383.D
Acq: 17 Dec 2021 16:12

Tgt Ion: 43 Resp: 6506
Ion Ratio Lower Upper
43 100
58 25.6 27.8 41.8#





#33

1,2-Dichloroethane-d4

Concen: 57.546 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD071383.D

Acq: 17 Dec 2021 16:12

Instrument :

MSVOA_D

ClientSampleId :

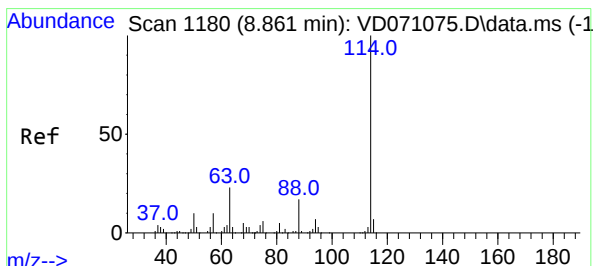
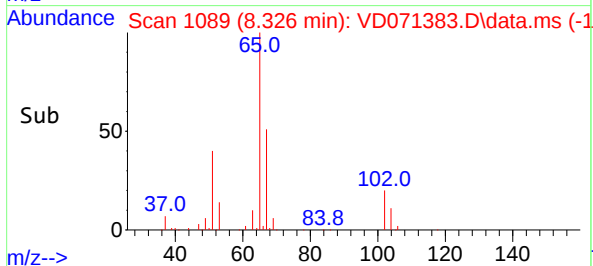
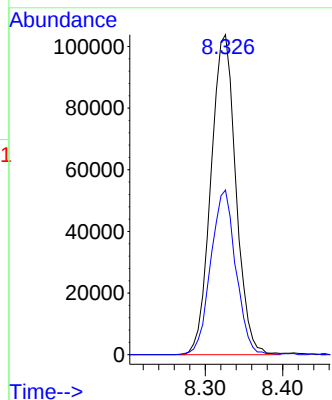
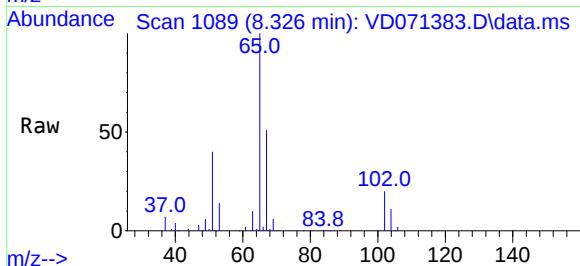
NB-8-121721

Tgt Ion: 65 Resp: 232309

Ion Ratio Lower Upper

65 100

67 51.7 0.0 112.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. -0.006 min

Lab File: VD071383.D

Acq: 17 Dec 2021 16:12

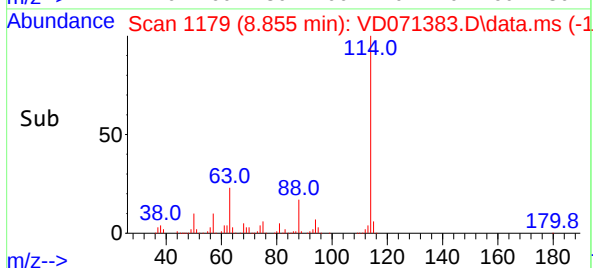
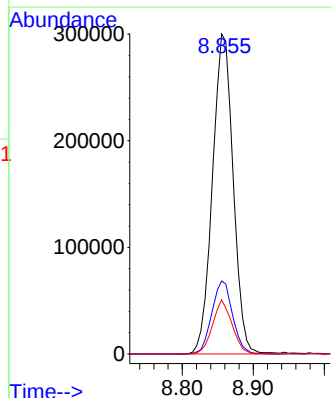
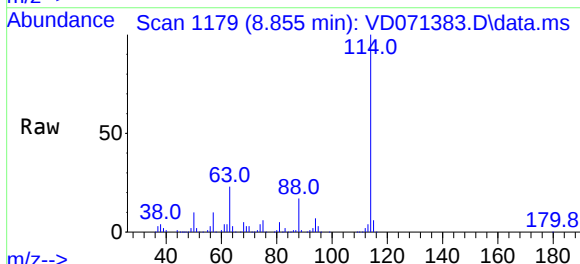
Tgt Ion: 114 Resp: 606891

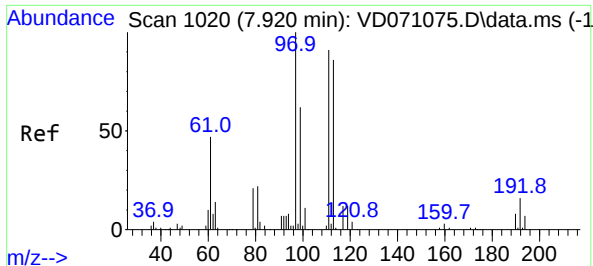
Ion Ratio Lower Upper

114 100

63 22.8 0.0 41.8

88 16.9 0.0 32.8

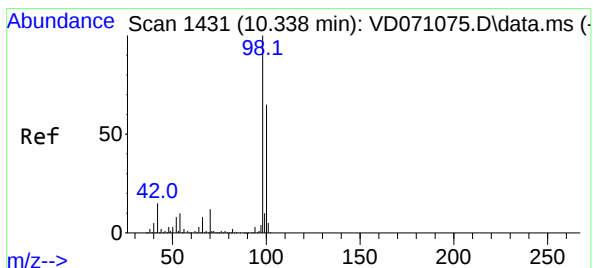
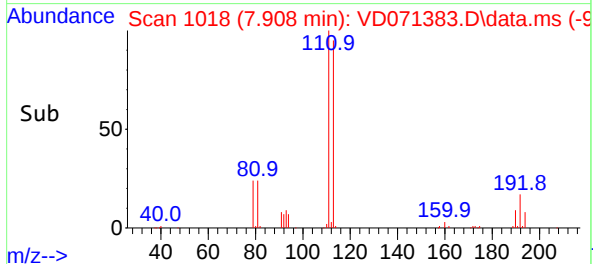
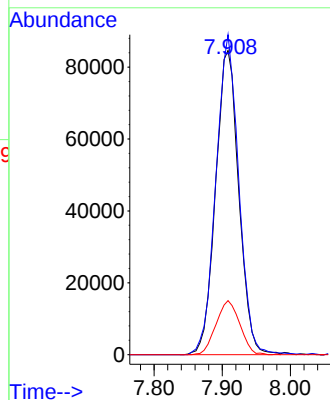
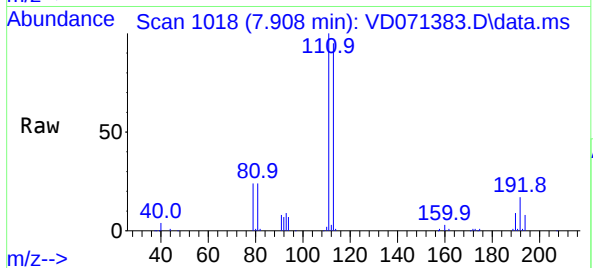




#35
Dibromofluoromethane
Concen: 51.858 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.012 min
Lab File: VD071383.D
Acq: 17 Dec 2021 16:12

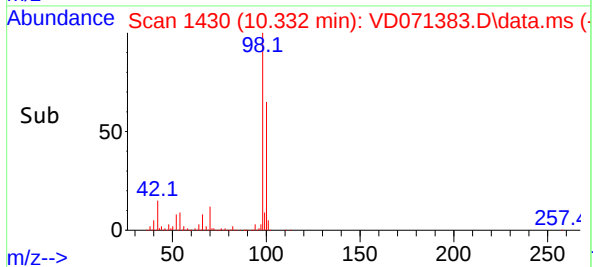
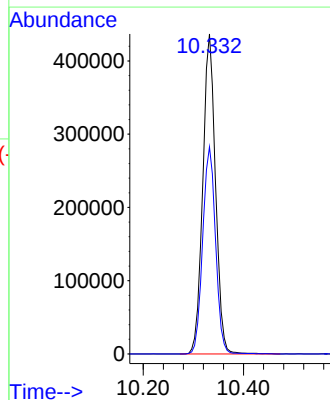
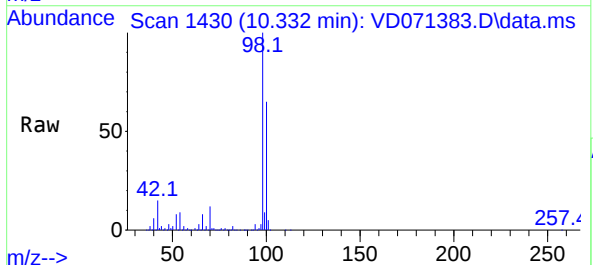
Instrument :
MSVOA_D
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NB-8-121721

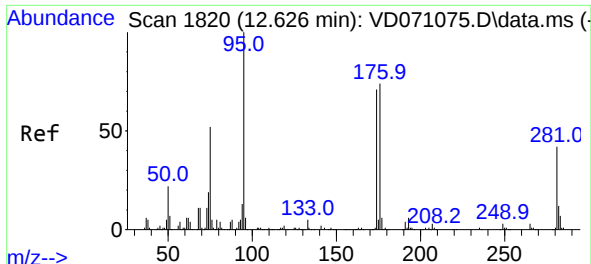
Tgt Ion:113 Resp: 200410
Ion Ratio Lower Upper
113 100
111 103.7 82.0 123.0
192 18.2 15.2 22.8



#50
Toluene-d8
Concen: 52.298 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD071383.D
Acq: 17 Dec 2021 16:12

Tgt Ion: 98 Resp: 769132
Ion Ratio Lower Upper
98 100
100 65.5 51.8 77.6

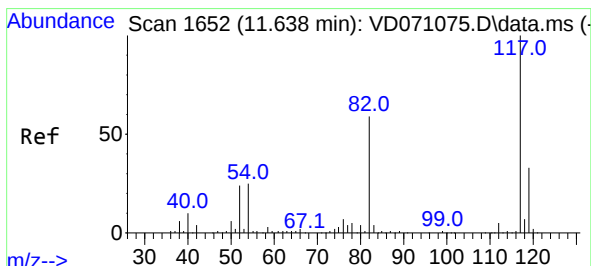
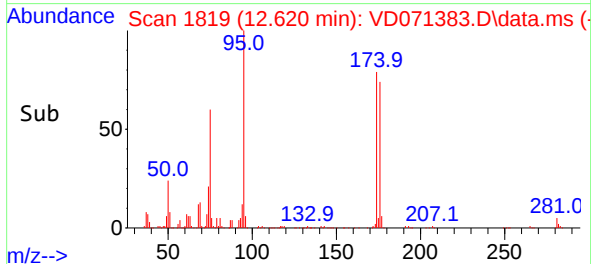
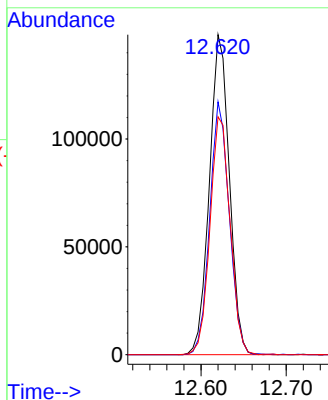
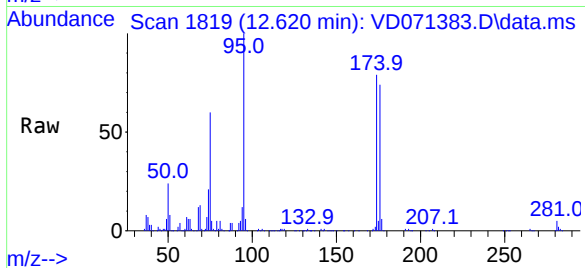




#62
4-Bromofluorobenzene
Concen: 47.414 ug/l
RT: 12.620 min Scan# 1820
Delta R.T. -0.006 min
Lab File: VD071383.D
Acq: 17 Dec 2021 16:12

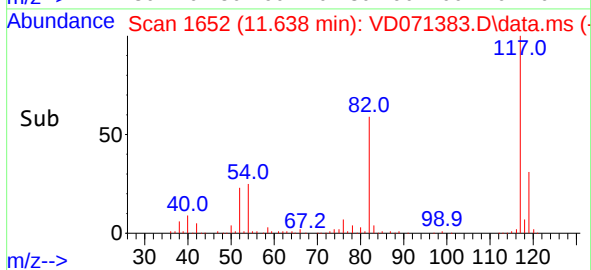
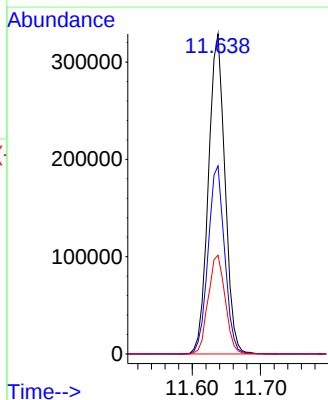
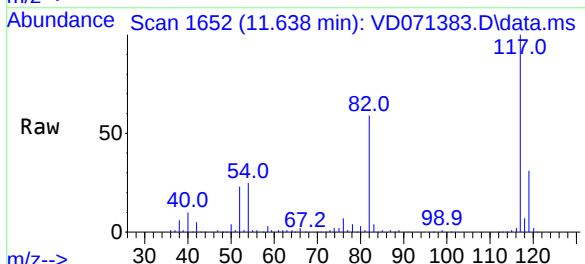
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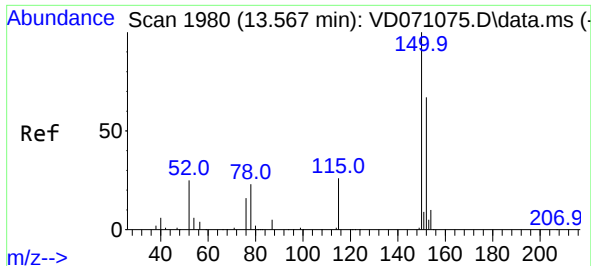
Tgt Ion: 95 Resp: 241713
Ion Ratio Lower Upper
95 100
174 77.4 0.0 159.4
176 74.8 0.0 154.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD071383.D
Acq: 17 Dec 2021 16:12

Tgt Ion: 117 Resp: 556128
Ion Ratio Lower Upper
117 100
82 58.8 44.7 67.1
119 30.9 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: VD071383.D
Acq: 17 Dec 2021 16:12

Instrument :
MSVOA_D
ClientSampleId :
NB-8-121721

Tgt Ion:152 Resp: 240193
Ion Ratio Lower Upper
152 100
115 60.4 29.8 89.3
150 158.4 0.0 349.2

