

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121121\
 Data File : VD071281.D
 Acq On : 11 Dec 2021 20:34
 Operator : VA/SY
 Sample : M5017-29
 Misc : 5.04G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP3

Quant Time: Dec 12 18:52:59 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)

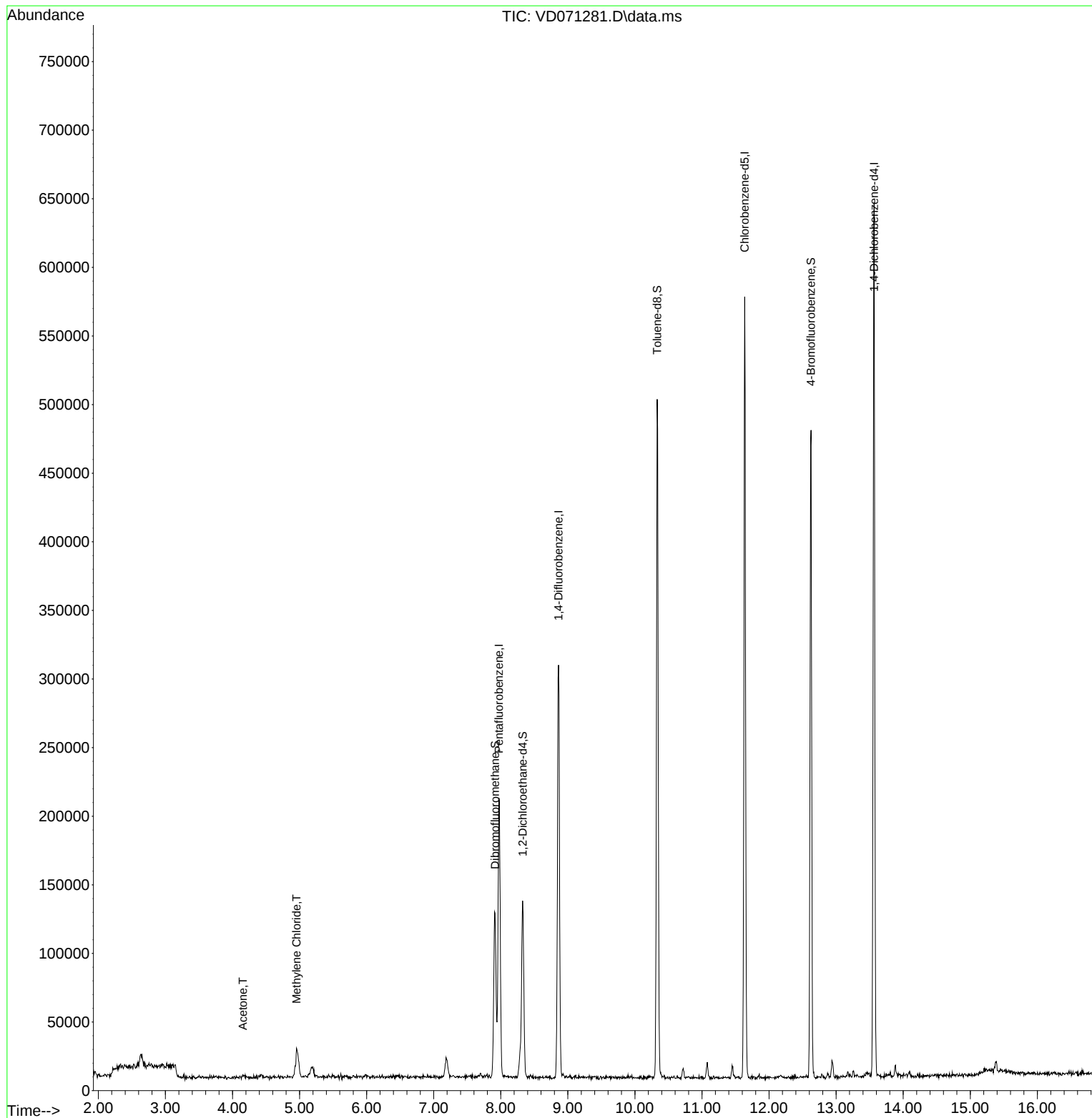
Internal Standards						
1) Pentafluorobenzene	7.973	168	142130	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.861	114	252384	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	292617	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	153113	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	99933	59.922	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	119.840%
35) Dibromofluoromethane	7.914	113	86249	53.666	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.340%
50) Toluene-d8	10.332	98	321793	52.615	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.220%
62) 4-Bromofluorobenzene	12.626	95	147430	69.541	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	139.080%
Target Compounds						Qvalue
16) Acetone	4.156	43	3097	36.928	ug/l	91
20) Methylene Chloride	4.956	84	14328	4.733	ug/l	97

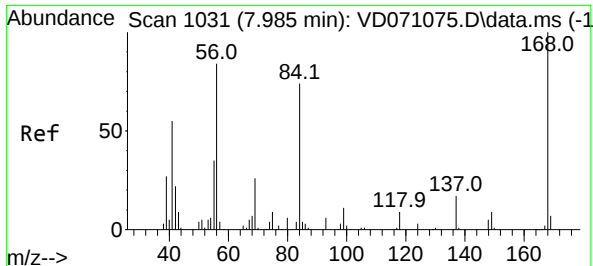
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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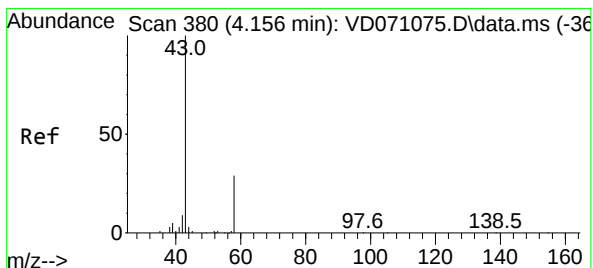
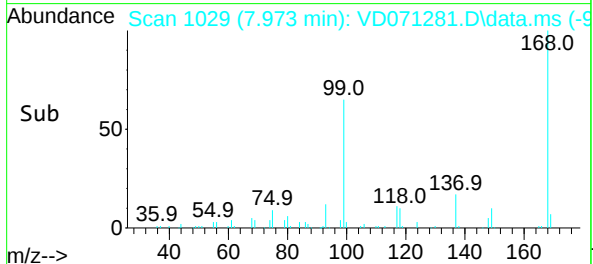
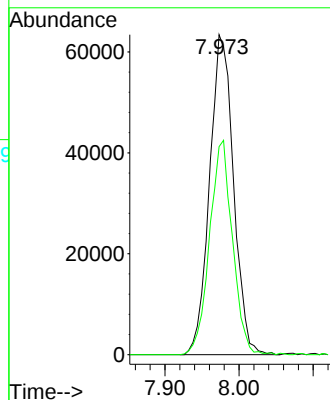
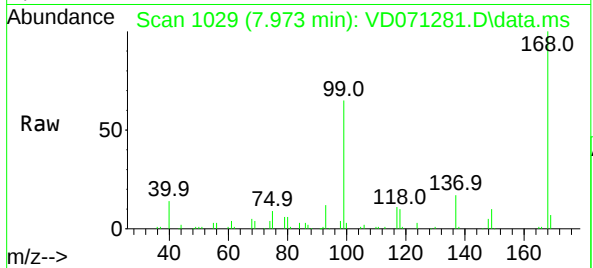




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1031
Delta R.T. -0.012 min
Lab File: VD071281.D
Acq: 11 Dec 2021 20:34

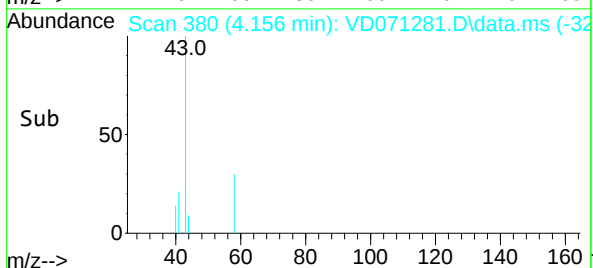
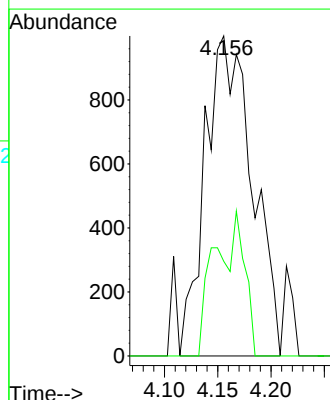
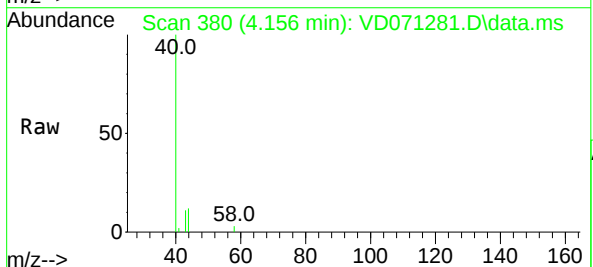
Instrument :
MSVOA_D
ClientSampleId :
TP3

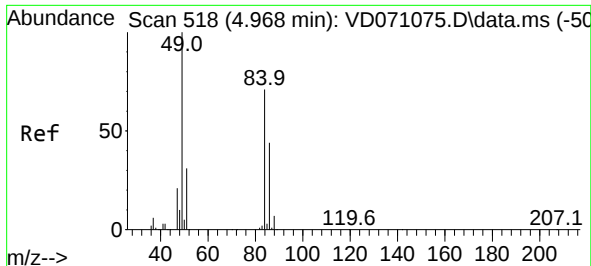
Tgt Ion:168 Resp: 142130
Ion Ratio Lower Upper
168 100
99 65.0 46.6 69.8



#16
Acetone
Concen: 36.928 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD071281.D
Acq: 11 Dec 2021 20:34

Tgt Ion: 43 Resp: 3097
Ion Ratio Lower Upper
43 100
58 29.6 27.8 41.8

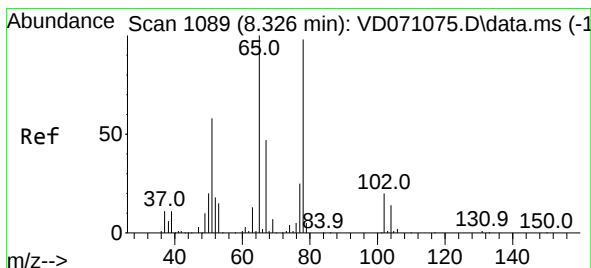
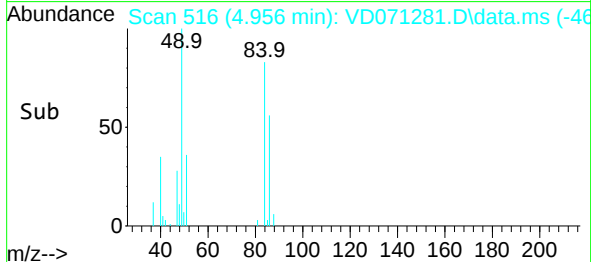
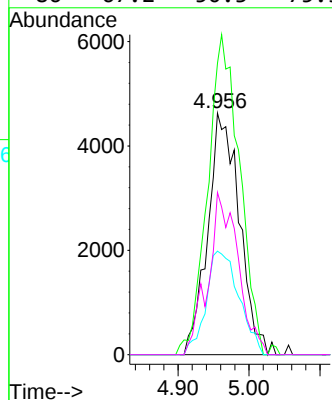
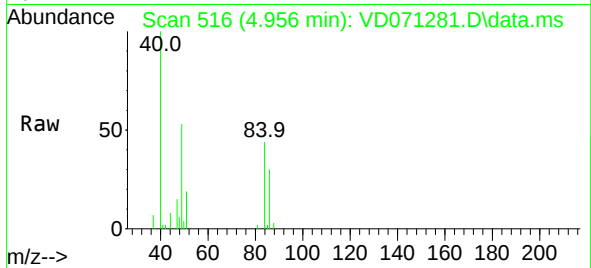




#20
Methylene Chloride
Concen: 4.733 ug/l
RT: 4.956 min Scan# 518
Delta R.T. -0.012 min
Lab File: VD071281.D
Acq: 11 Dec 2021 20:34

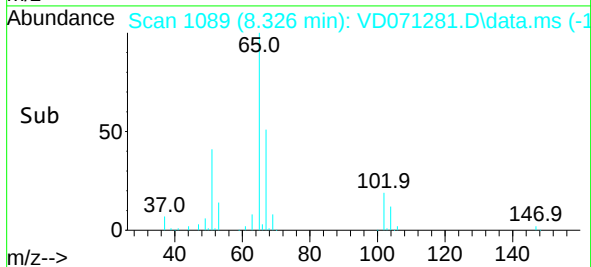
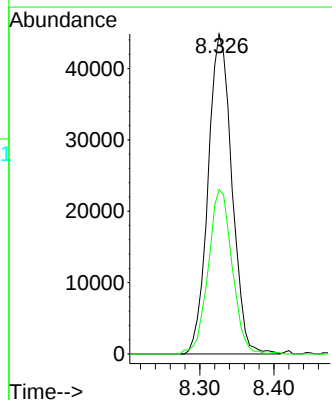
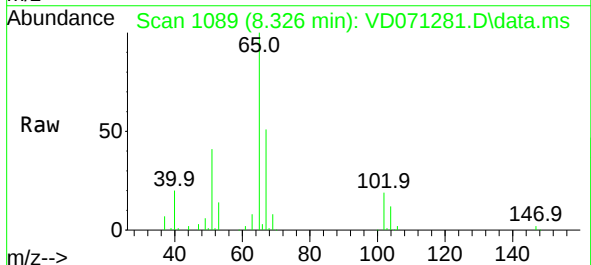
Instrument :
MSVOA_D
ClientSampleId :
TP3

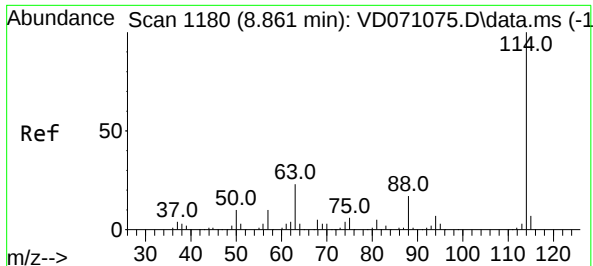
Tgt Ion: 84	Resp: 14328
Ion Ratio	Lower Upper
84 100	
49 120.6	95.8 143.6
51 42.9	30.9 46.3
86 67.2	50.3 75.5



#33
1,2-Dichloroethane-d4
Concen: 59.922 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD071281.D
Acq: 11 Dec 2021 20:34

Tgt Ion: 65	Resp: 99933
Ion Ratio	Lower Upper
65 100	
67 51.4	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: VD071281.D

Acq: 11 Dec 2021 20:34

Instrument :

MSVOA_D

ClientSampleId :

TP3

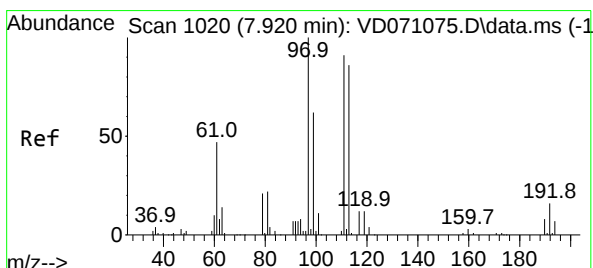
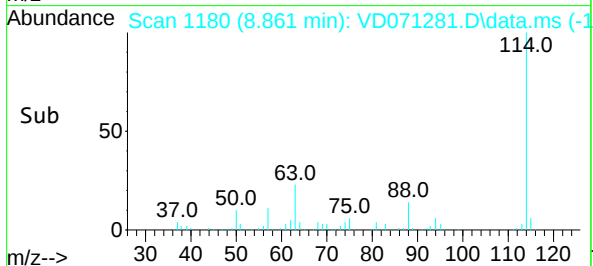
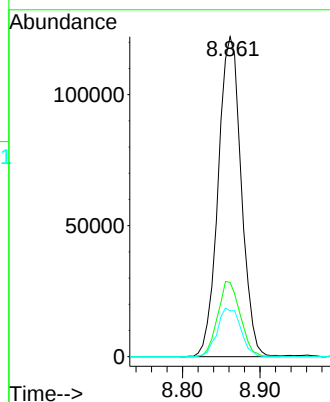
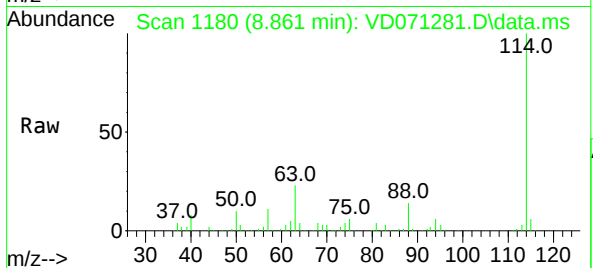
Tgt Ion:114 Resp: 252384

Ion Ratio Lower Upper

114 100

63 23.2 0.0 41.8

88 14.3 0.0 32.8



#35

Dibromofluoromethane

Concen: 53.666 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.006 min

Lab File: VD071281.D

Acq: 11 Dec 2021 20:34

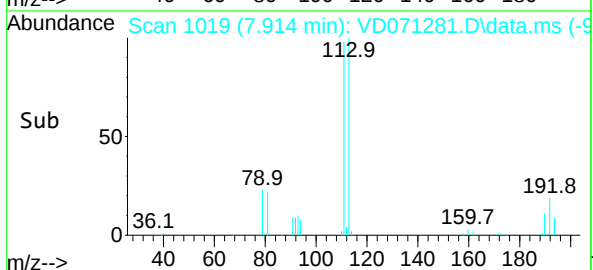
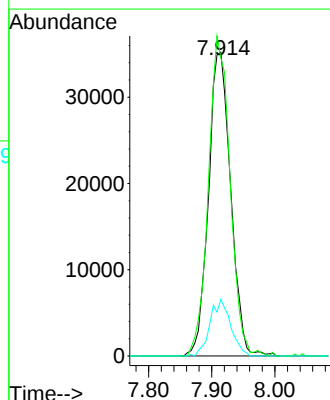
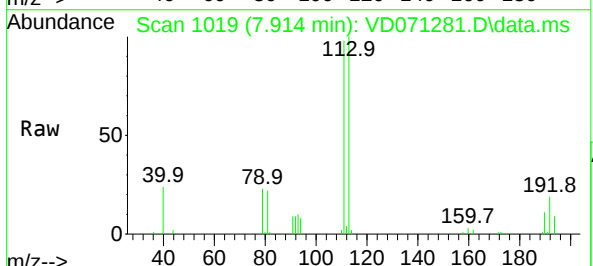
Tgt Ion:113 Resp: 86249

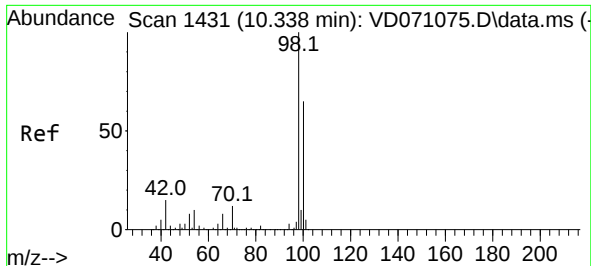
Ion Ratio Lower Upper

113 100

111 102.6 82.0 123.0

192 17.3 15.2 22.8

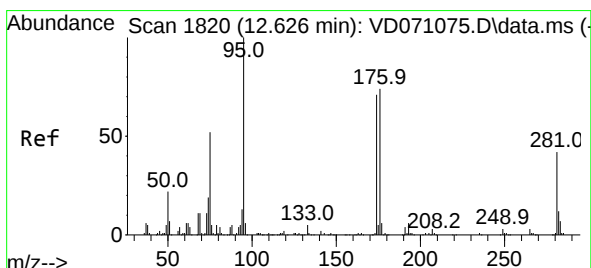
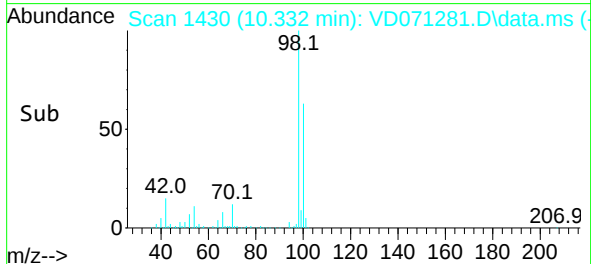
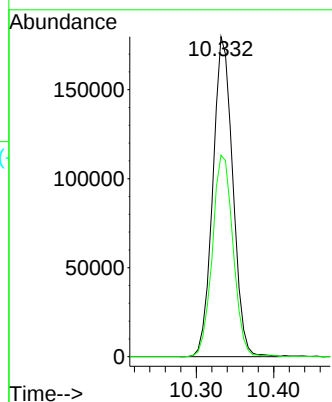
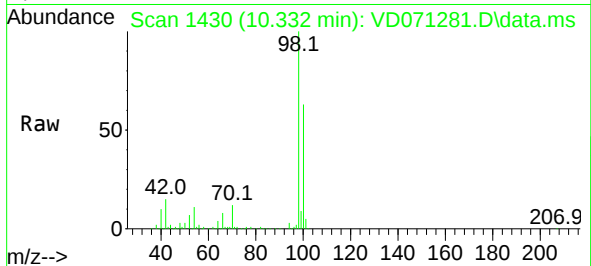




#50
Toluene-d8
Concen: 52.615 ug/l
RT: 10.332 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD071281.D
Acq: 11 Dec 2021 20:34

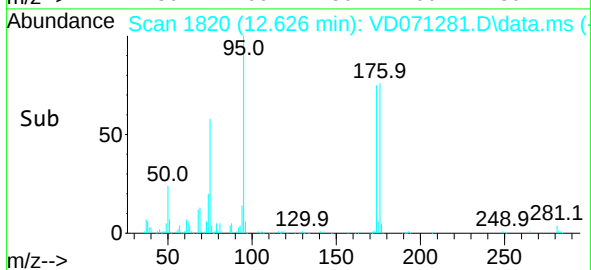
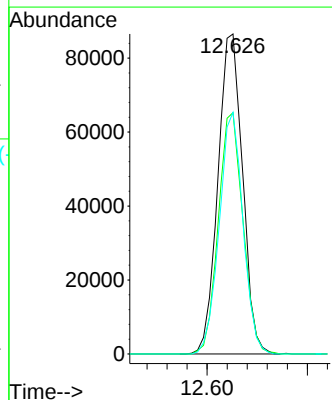
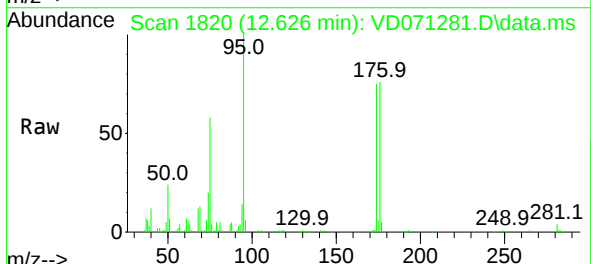
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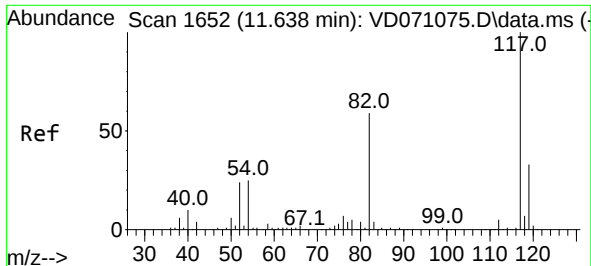
Tgt Ion: 98 Resp: 321793
Ion Ratio Lower Upper
98 100
100 65.1 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 69.541 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071281.D
Acq: 11 Dec 2021 20:34

Tgt Ion: 95 Resp: 147430
Ion Ratio Lower Upper
95 100
174 75.2 0.0 159.4
176 72.7 0.0 154.0

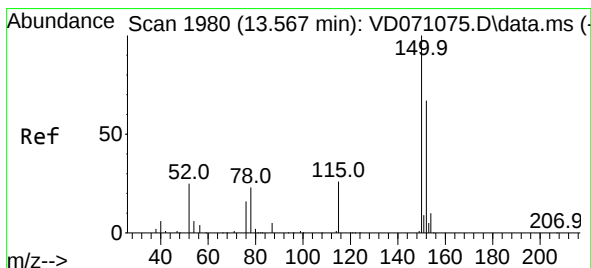
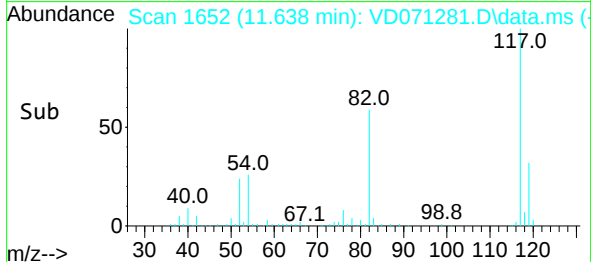
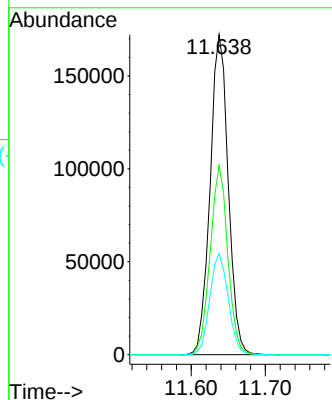
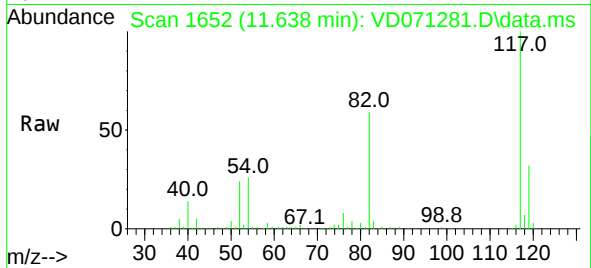




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD071281.D
Acq: 11 Dec 2021 20:34

Instrument :
MSVOA_D
ClientSampleId :
TP3

Tgt Ion:117 Resp: 292617
Ion Ratio Lower Upper
117 100
82 59.2 44.7 67.1
119 31.6 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD071281.D
Acq: 11 Dec 2021 20:34

Tgt Ion:152 Resp: 153113
Ion Ratio Lower Upper
152 100
115 61.3 29.8 89.3
150 158.3 0.0 349.2

