

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120821\
 Data File : VD071208.D
 Acq On : 08 Dec 2021 16:26
 Operator : VA/SY
 Sample : M4966-01
 Misc : 6.61G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P5-2

Quant Time: Dec 09 10:17:38 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)

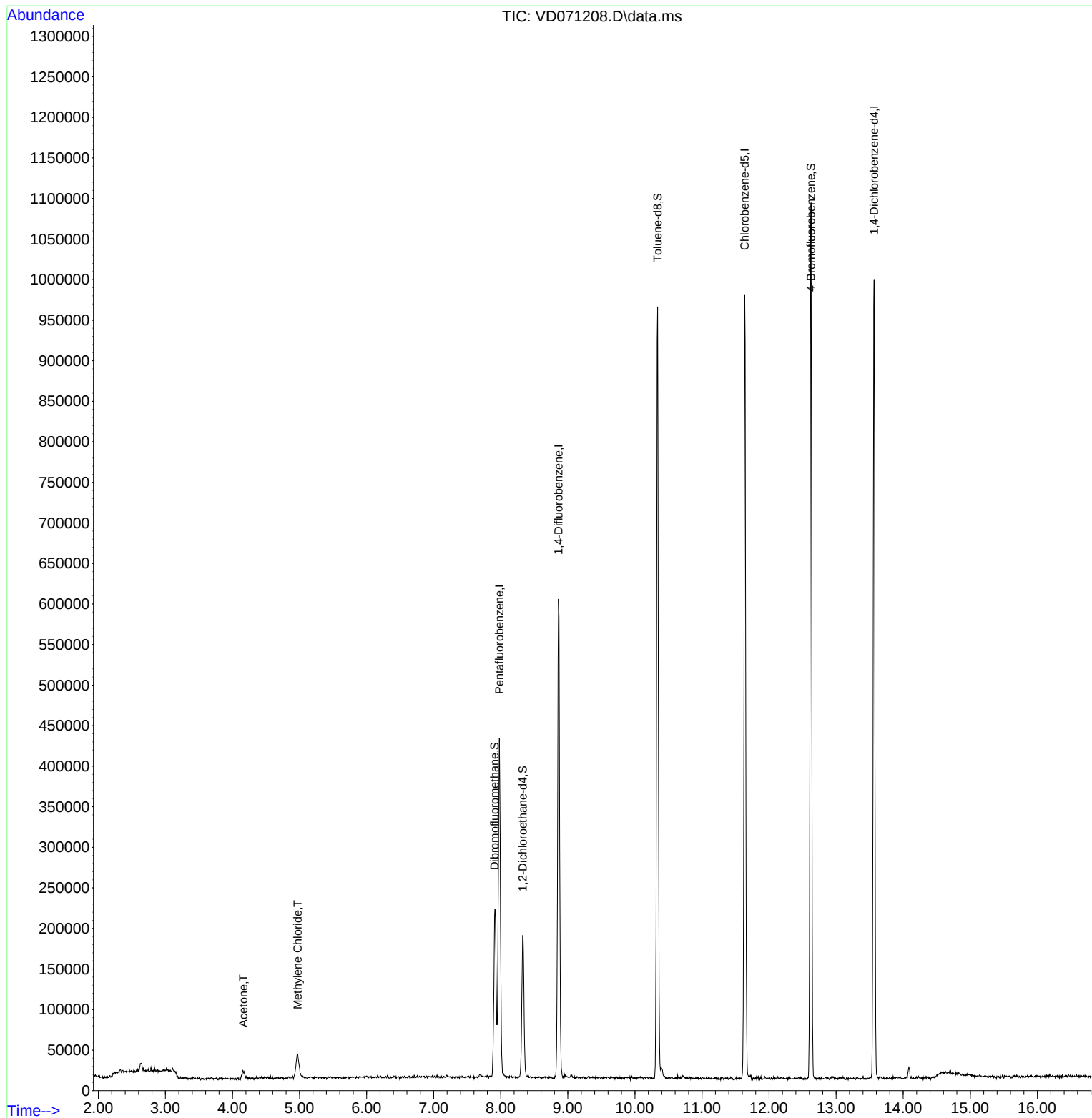
Internal Standards						
1) Pentafluorobenzene	7.979	168	279885	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	478434	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	509993	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	239027	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	137776	41.952	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	83.900%
35) Dibromofluoromethane	7.908	113	146031	47.932	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.860%
50) Toluene-d8	10.338	98	618742	53.368	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.740%
62) 4-Bromofluorobenzene	12.626	95	245371	61.054	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	122.100%
Target Compounds						
					Qvalue	
16) Acetone	4.161	43	15389	46.269	ug/l	89
20) Methylene Chloride	4.973	84	21261	2.443	ug/l	91

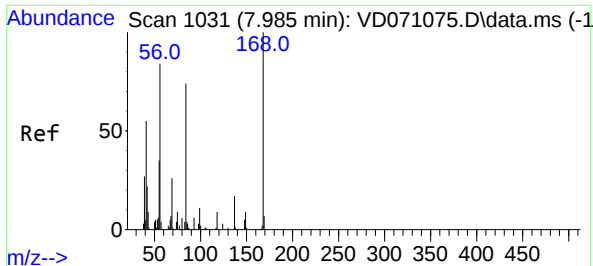
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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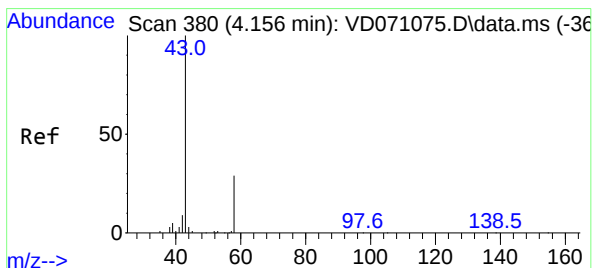
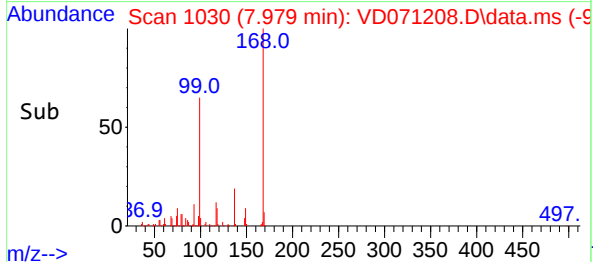
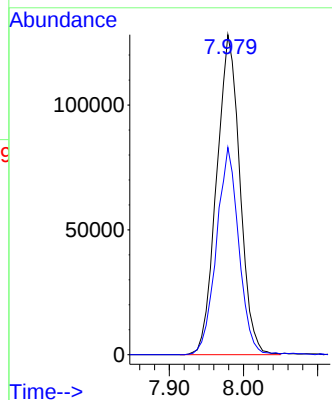
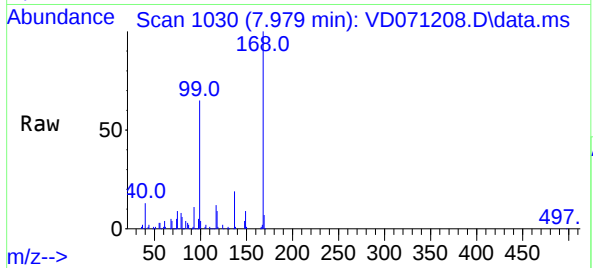




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VD071208.D
Acq: 08 Dec 2021 16:26

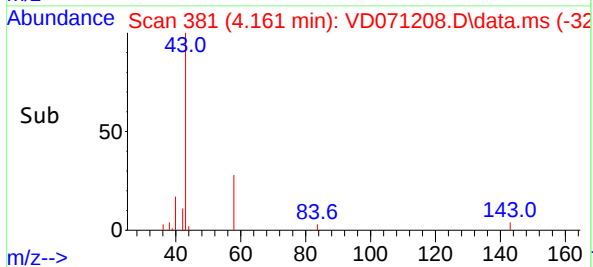
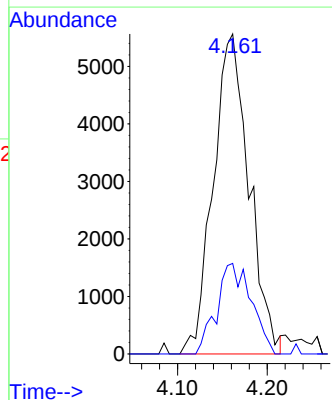
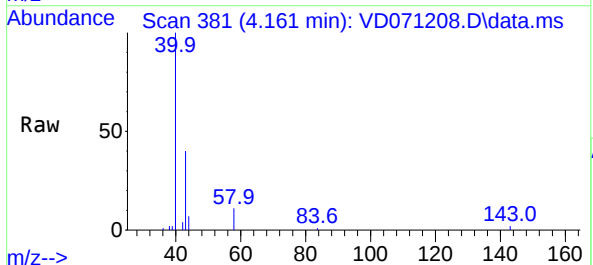
Instrument :
MSVOA_D
ClientSampleId :
P5-2

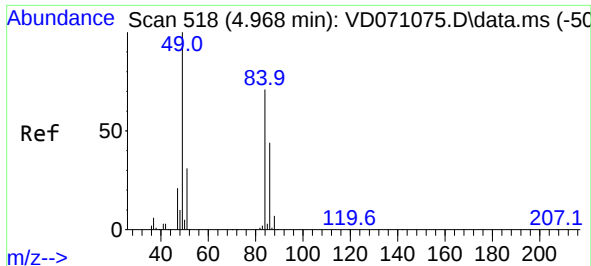
Tgt Ion:168 Resp: 279885
Ion Ratio Lower Upper
168 100
99 64.7 46.6 69.8



#16
Acetone
Concen: 46.269 ug/l
RT: 4.161 min Scan# 381
Delta R.T. 0.005 min
Lab File: VD071208.D
Acq: 08 Dec 2021 16:26

Tgt Ion: 43 Resp: 15389
Ion Ratio Lower Upper
43 100
58 28.3 27.8 41.8



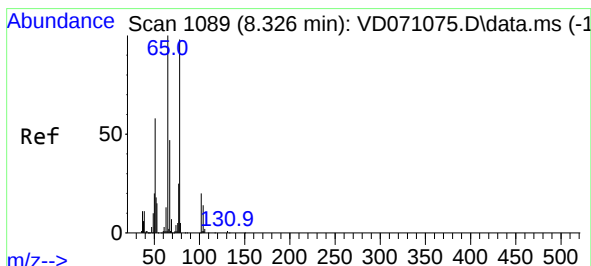
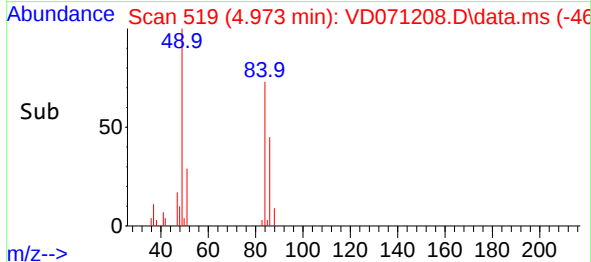
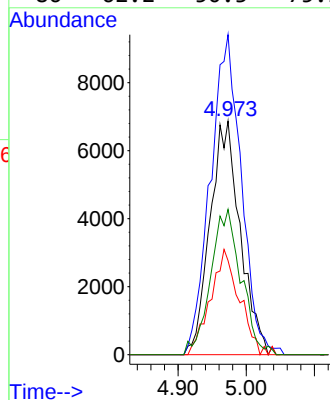
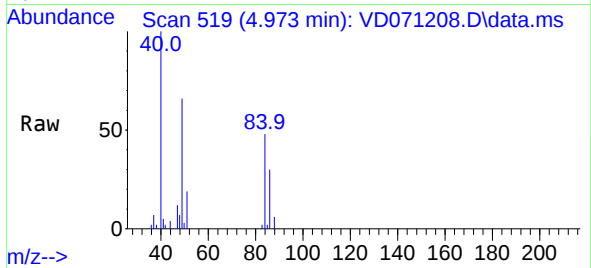


#20
Methylene Chloride
Concen: 2.443 ug/l
RT: 4.973 min Scan# 518
Delta R.T. 0.005 min
Lab File: VD071208.D
Acq: 08 Dec 2021 16:26

Instrument :
MSVOA_D
ClientSampleId :
P5-2

Tgt Ion: 84 Resp: 21261

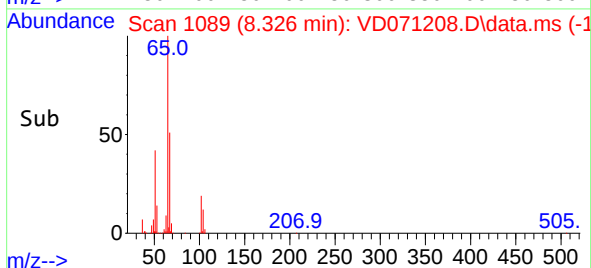
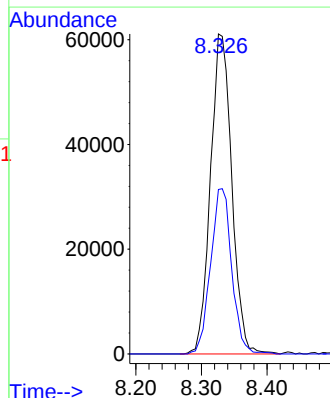
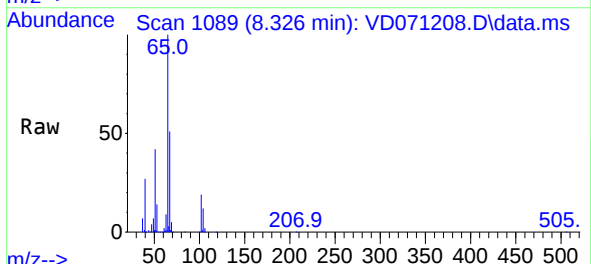
Ion	Ratio	Lower	Upper
84	100		
49	137.0	95.8	143.6
51	40.3	30.9	46.3
86	62.2	50.3	75.5

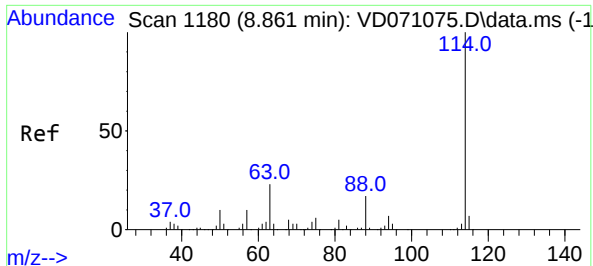


#33
1,2-Dichloroethane-d4
Concen: 41.952 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD071208.D
Acq: 08 Dec 2021 16:26

Tgt Ion: 65 Resp: 137776

Ion	Ratio	Lower	Upper
65	100		
67	51.2	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: VD071208.D

Acq: 08 Dec 2021 16:26

Instrument :

MSVOA_D

ClientSampleId :

P5-2

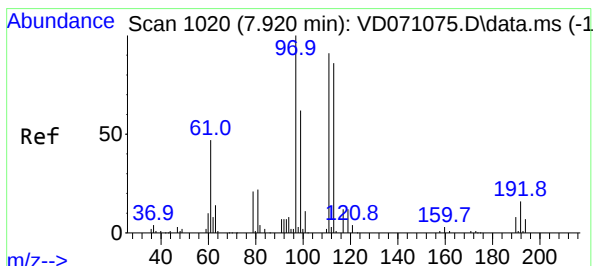
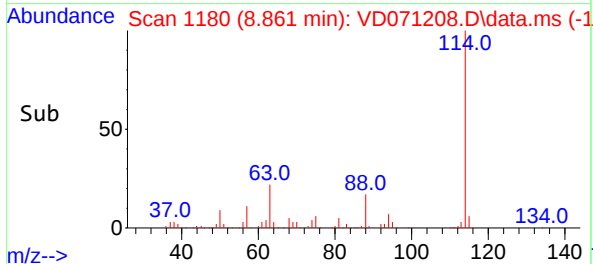
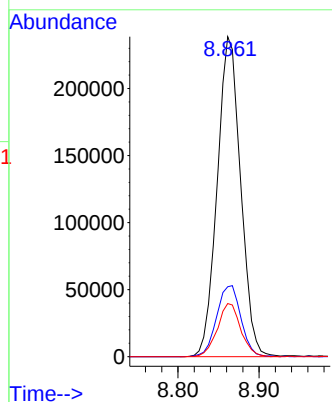
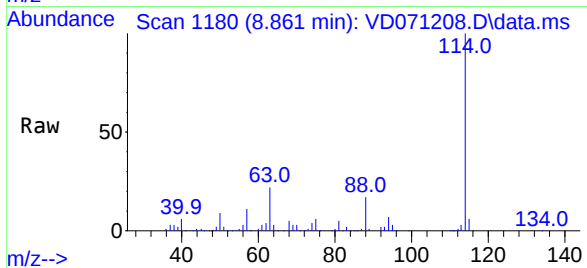
Tgt Ion:114 Resp: 478434

Ion Ratio Lower Upper

114 100

63 21.8 0.0 41.8

88 16.6 0.0 32.8



#35

Dibromofluoromethane

Concen: 47.932 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.012 min

Lab File: VD071208.D

Acq: 08 Dec 2021 16:26

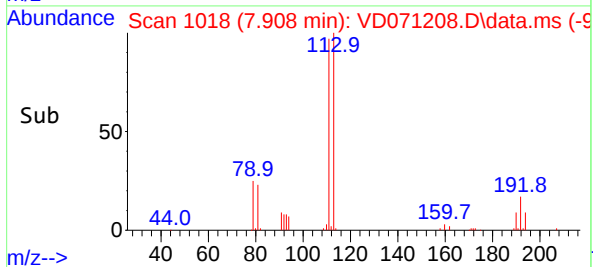
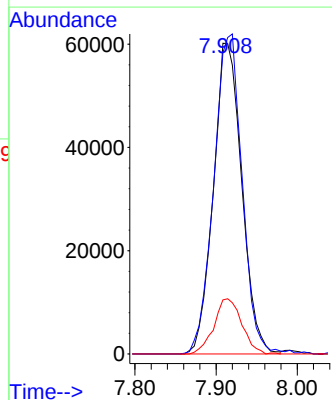
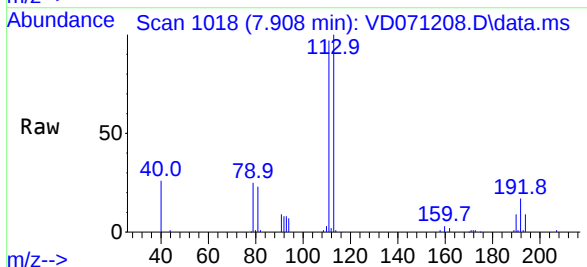
Tgt Ion:113 Resp: 146031

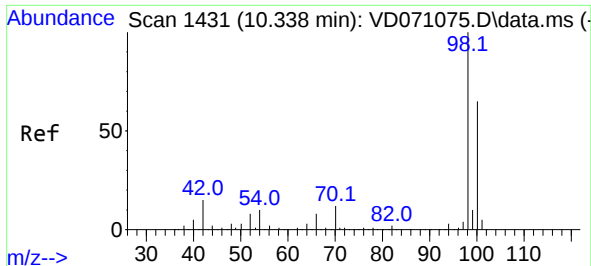
Ion Ratio Lower Upper

113 100

111 103.4 82.0 123.0

192 17.5 15.2 22.8

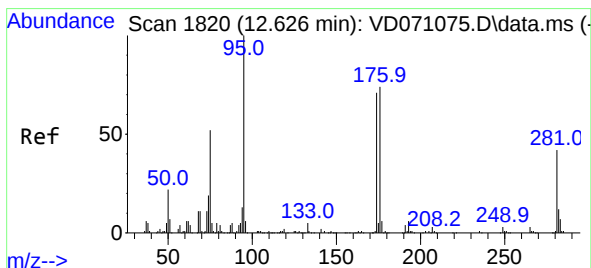
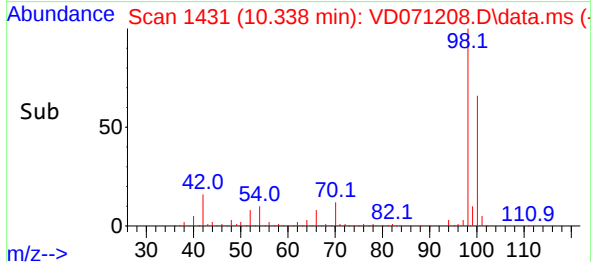
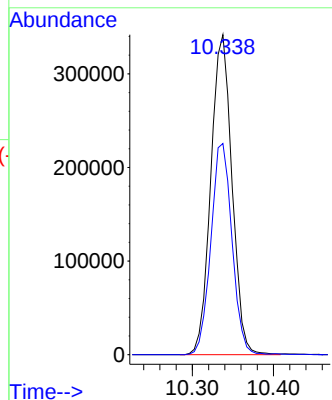
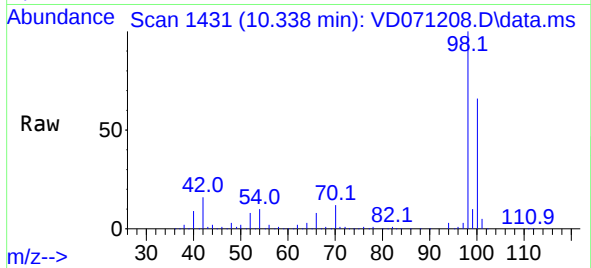




#50
Toluene-d8
Concen: 53.368 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD071208.D
Acq: 08 Dec 2021 16:26

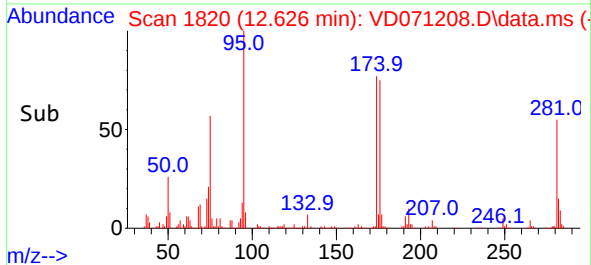
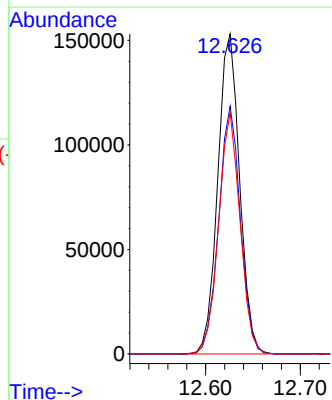
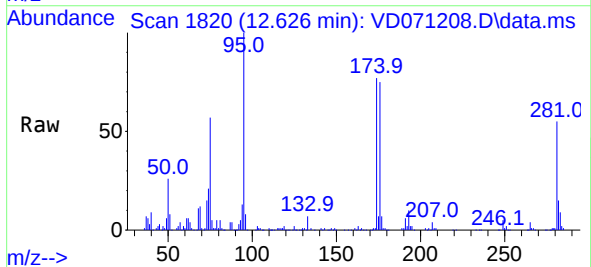
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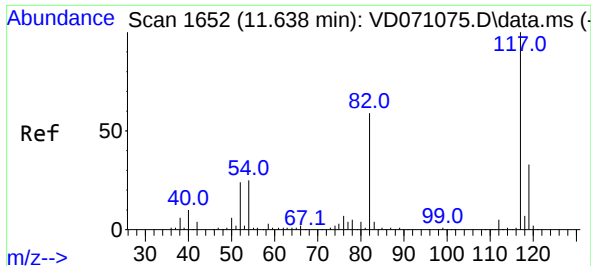
Tgt Ion: 98 Resp: 618742
Ion Ratio Lower Upper
98 100
100 65.8 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 61.054 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071208.D
Acq: 08 Dec 2021 16:26

Tgt Ion: 95 Resp: 245371
Ion Ratio Lower Upper
95 100
174 77.1 0.0 159.4
176 73.7 0.0 154.0

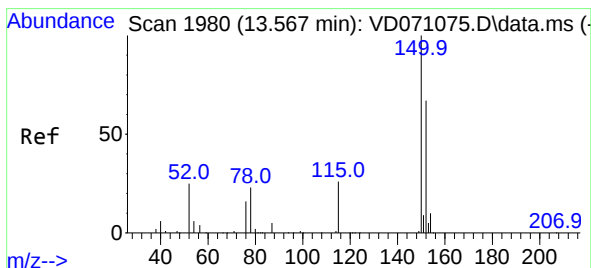
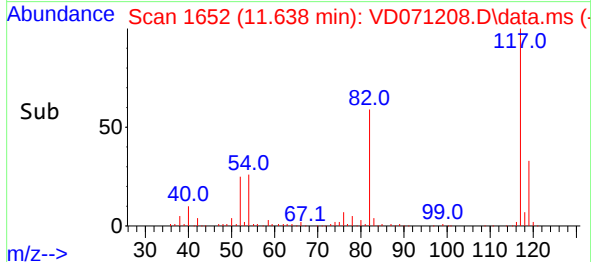
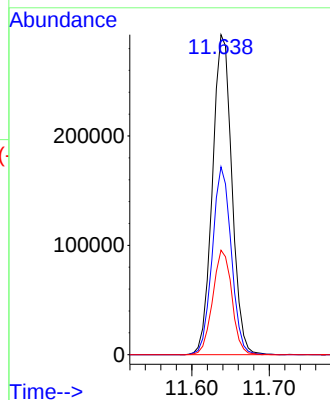
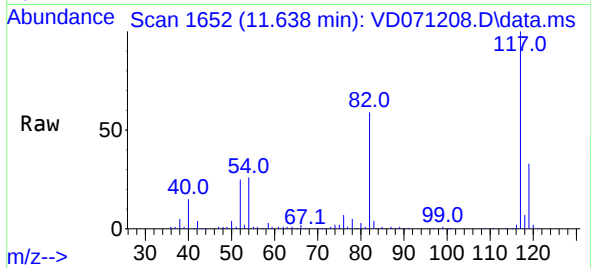




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD071208.D
Acq: 08 Dec 2021 16:26

Instrument :
MSVOA_D
ClientSampleId :
P5-2

Tgt Ion:117 Resp: 509993
Ion Ratio Lower Upper
117 100
82 58.7 44.7 67.1
119 32.6 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: VD071208.D
Acq: 08 Dec 2021 16:26

Tgt Ion:152 Resp: 239027
Ion Ratio Lower Upper
152 100
115 60.2 29.8 89.3
150 157.3 0.0 349.2

