

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120721\
 Data File : VD071187.D
 Acq On : 07 Dec 2021 17:00
 Operator : VA/SY
 Sample : M4959-16
 Misc : 5.03G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-5D

Quant Time: Dec 08 02:51:26 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)

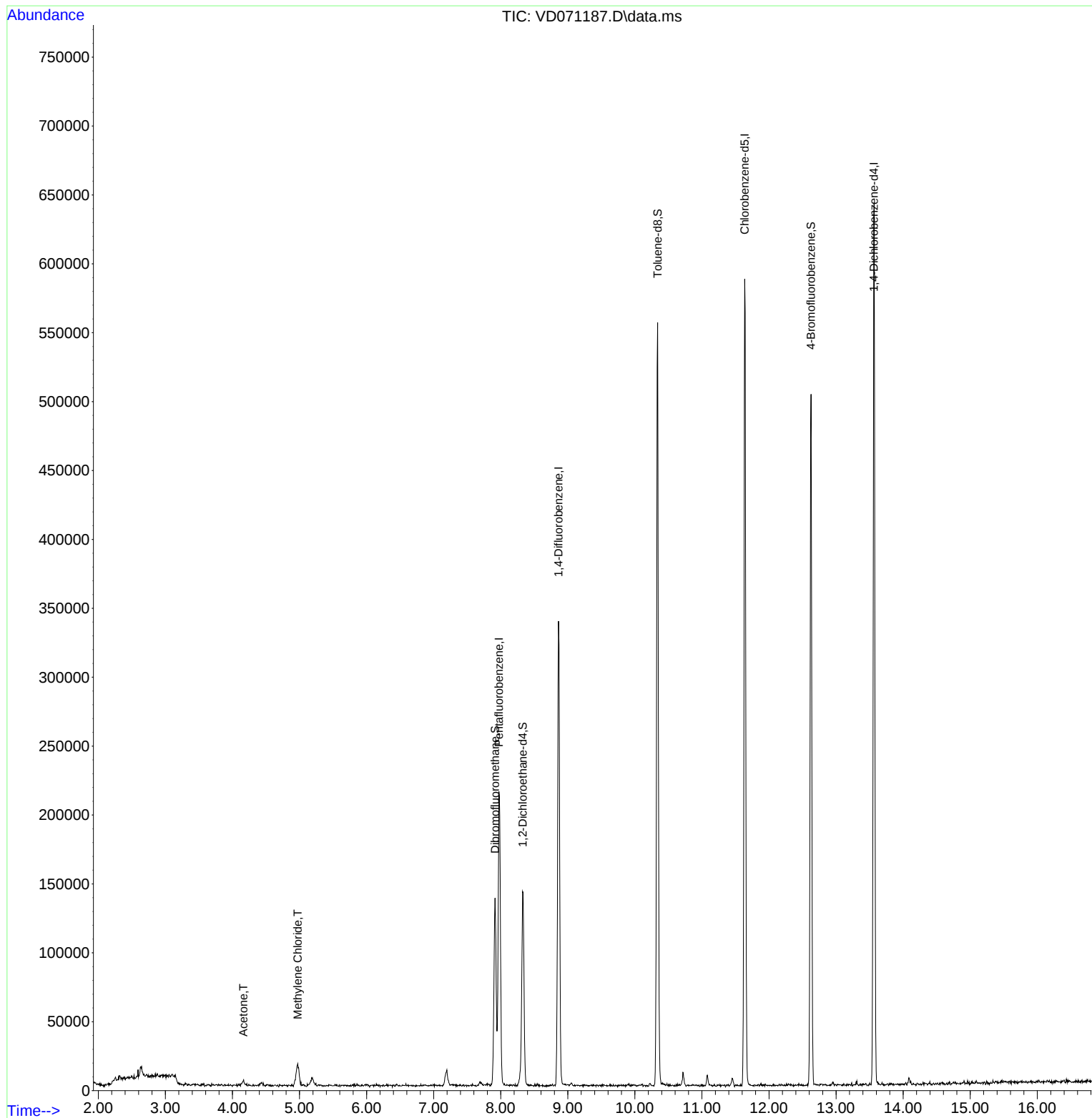
Internal Standards						
1) Pentafluorobenzene	7.973	168	153542	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.861	114	273304	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	316623	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	158760	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	111991	62.161	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 124.320%	
35) Dibromofluoromethane	7.914	113	93736	53.860	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.720%	
50) Toluene-d8	10.338	98	357343	53.955	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 107.900%	
62) 4-Bromofluorobenzene	12.626	95	157539	68.621	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 137.240%	
Target Compounds						
						Qvalue
16) Acetone	4.162	43	5664	41.177	ug/l	95
20) Methylene Chloride	4.973	84	11005	2.048	ug/l	89

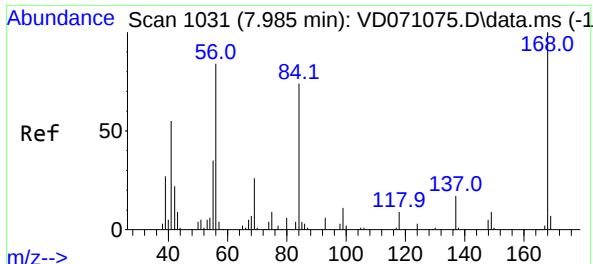
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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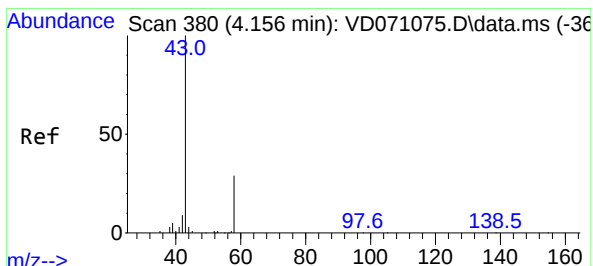
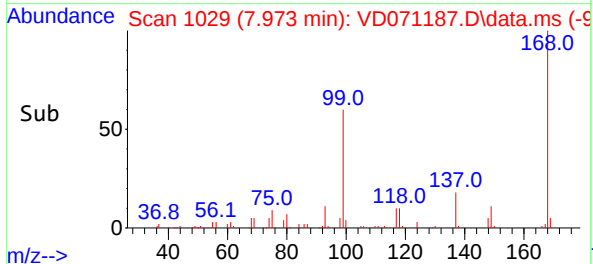
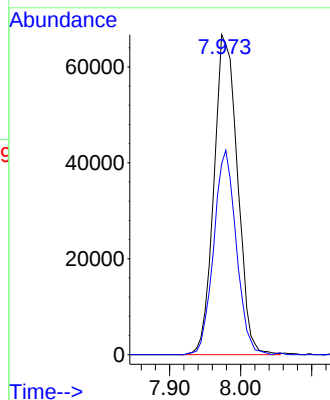
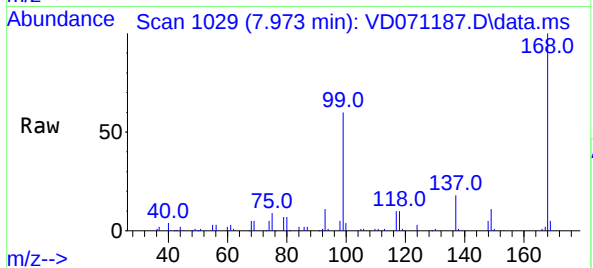




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1031
Delta R.T. -0.012 min
Lab File: VD071187.D
Acq: 07 Dec 2021 17:00

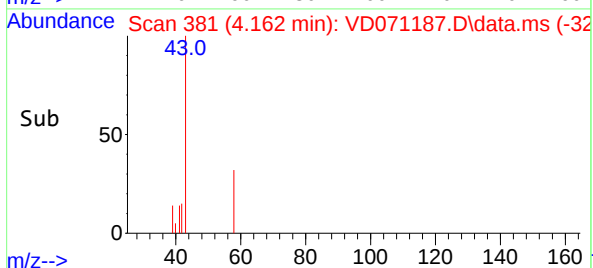
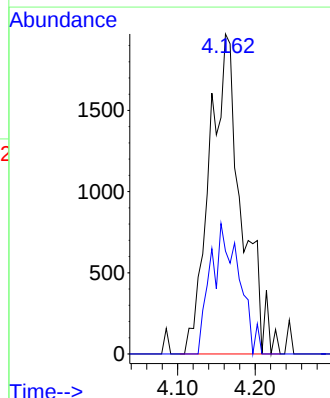
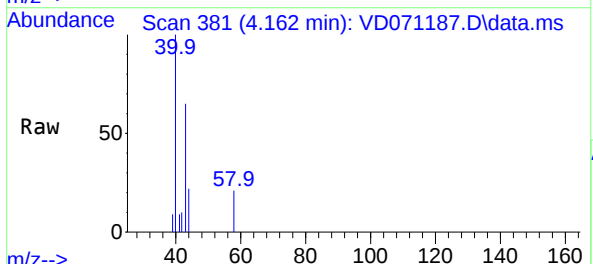
Instrument :
MSVOA_D
ClientSampleId :
TP-5D

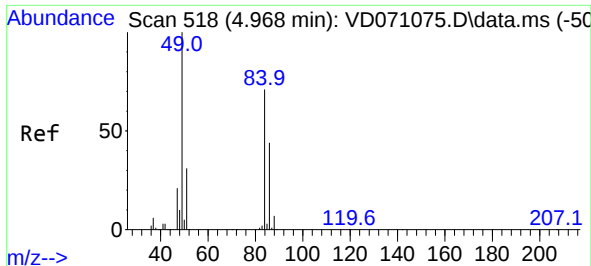
Tgt Ion:168 Resp: 153542
Ion Ratio Lower Upper
168 100
99 59.6 46.6 69.8



#16
Acetone
Concen: 41.177 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD071187.D
Acq: 07 Dec 2021 17:00

Tgt Ion: 43 Resp: 5664
Ion Ratio Lower Upper
43 100
58 32.2 27.8 41.8



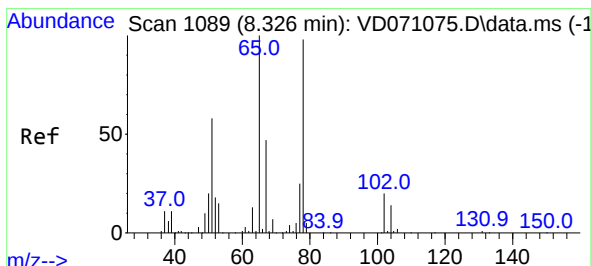
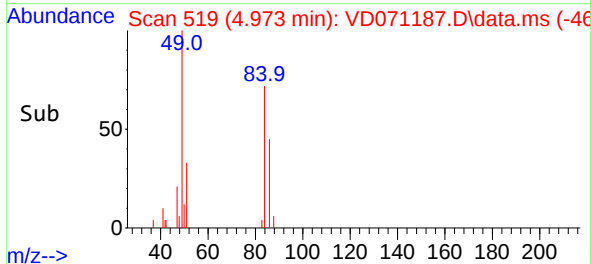
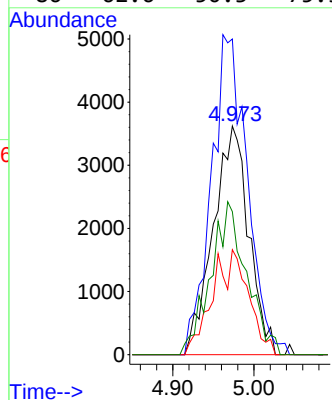
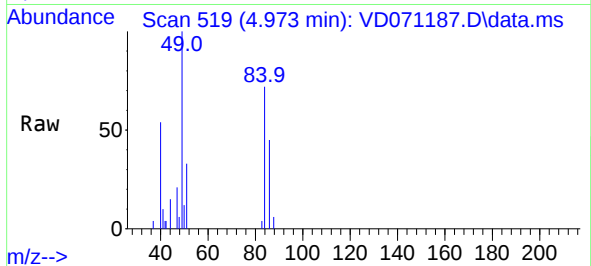


#20
Methylene Chloride
Concen: 2.048 ug/l
RT: 4.973 min Scan# 518
Delta R.T. 0.005 min
Lab File: VD071187.D
Acq: 07 Dec 2021 17:00

Instrument :
MSVOA_D
ClientSampleId :
TP-5D

Tgt Ion: 84 Resp: 11005

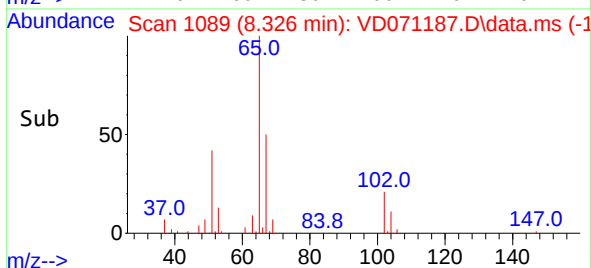
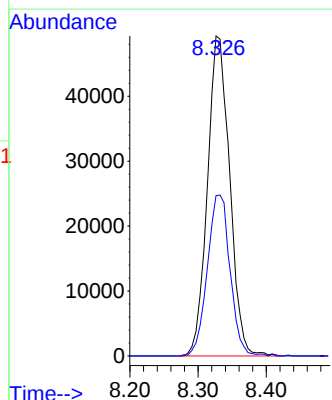
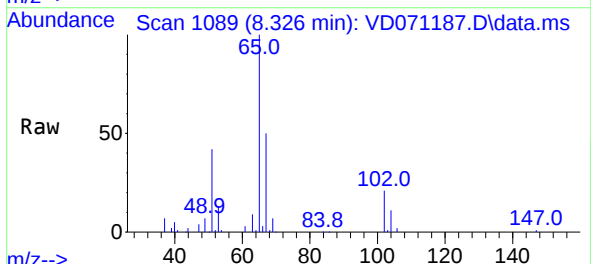
Ion	Ratio	Lower	Upper
84	100		
49	138.1	95.8	143.6
51	45.9	30.9	46.3
86	62.6	50.3	75.5

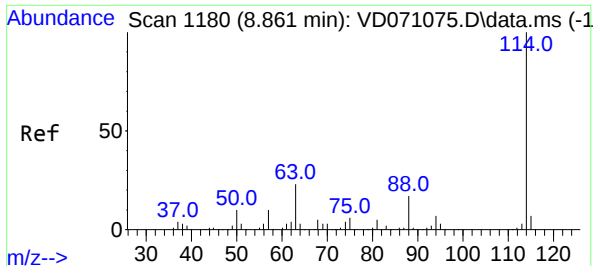


#33
1,2-Dichloroethane-d4
Concen: 62.161 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD071187.D
Acq: 07 Dec 2021 17:00

Tgt Ion: 65 Resp: 111991

Ion	Ratio	Lower	Upper
65	100		
67	51.3	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: VD071187.D

Acq: 07 Dec 2021 17:00

Instrument :

MSVOA_D

ClientSampleId :

TP-5D

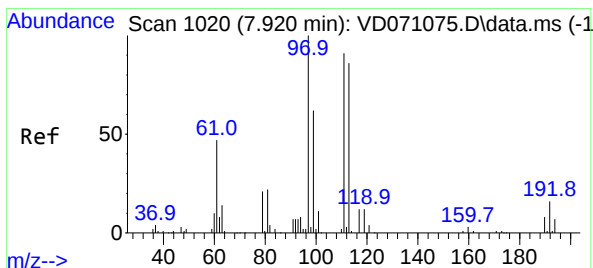
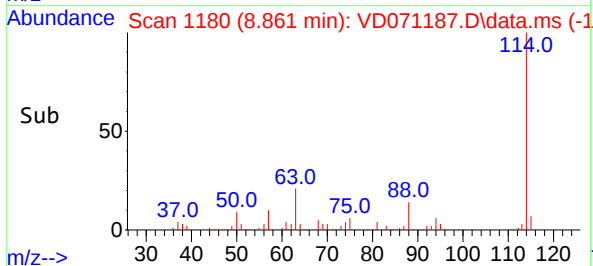
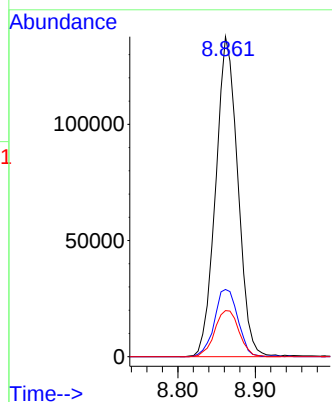
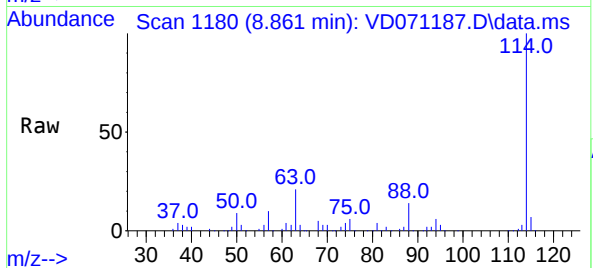
Tgt Ion:114 Resp: 273304

Ion Ratio Lower Upper

114 100

63 21.0 0.0 41.8

88 14.4 0.0 32.8



#35

Dibromofluoromethane

Concen: 53.860 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.006 min

Lab File: VD071187.D

Acq: 07 Dec 2021 17:00

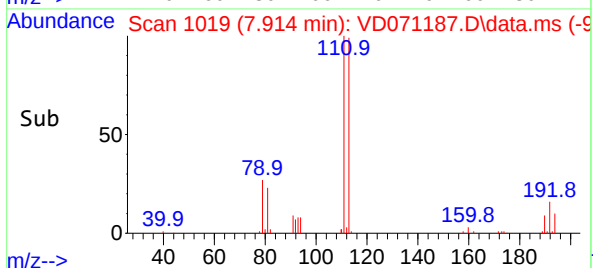
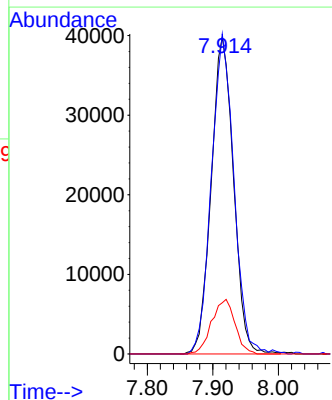
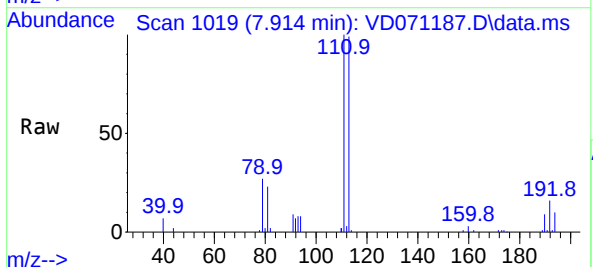
Tgt Ion:113 Resp: 93736

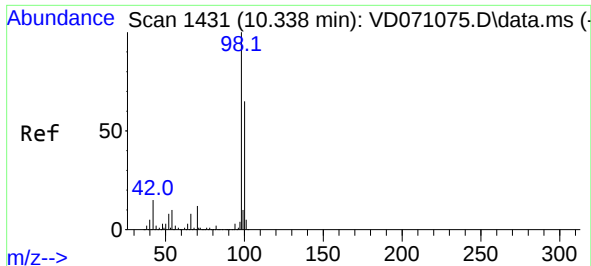
Ion Ratio Lower Upper

113 100

111 101.7 82.0 123.0

192 18.1 15.2 22.8

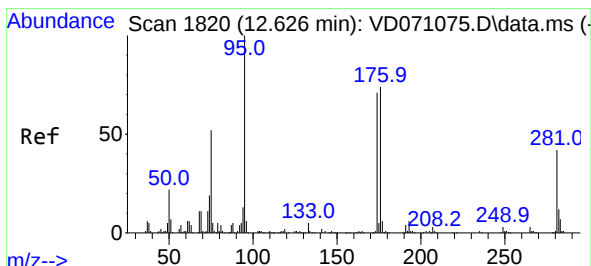
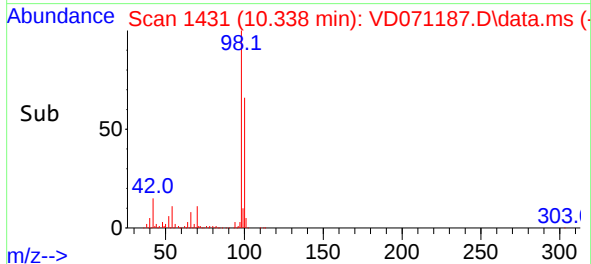
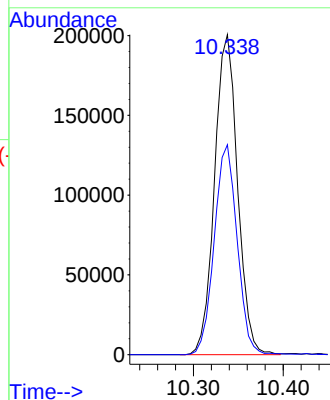
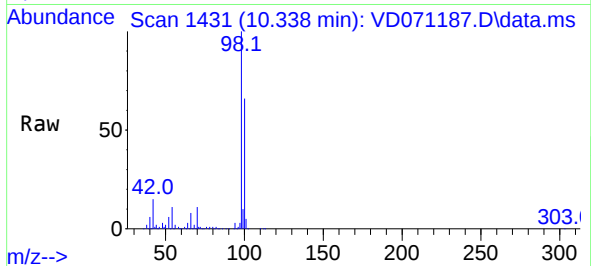




#50
Toluene-d8
Concen: 53.955 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD071187.D
Acq: 07 Dec 2021 17:00

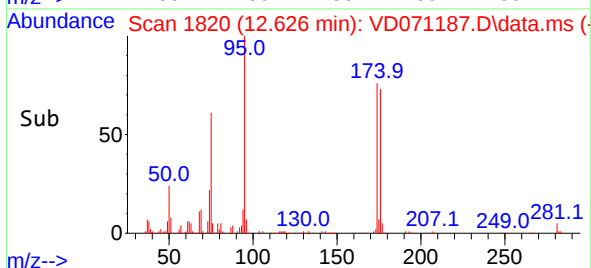
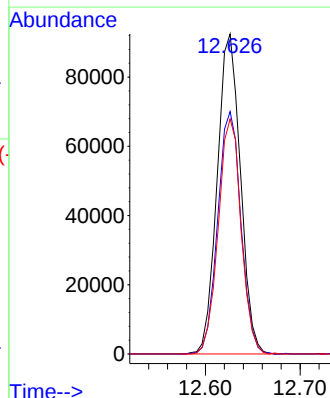
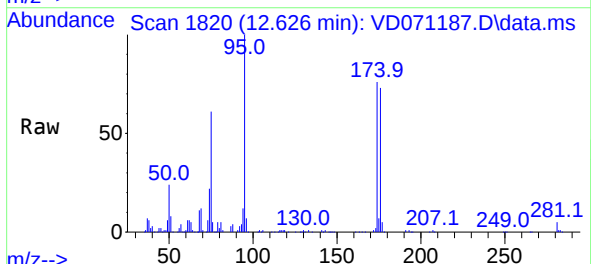
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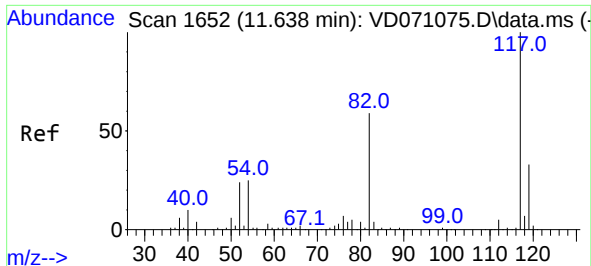
Tgt Ion: 98 Resp: 357343
Ion Ratio Lower Upper
98 100
100 65.3 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 68.621 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071187.D
Acq: 07 Dec 2021 17:00

Tgt Ion: 95 Resp: 157539
Ion Ratio Lower Upper
95 100
174 75.6 0.0 159.4
176 72.0 0.0 154.0

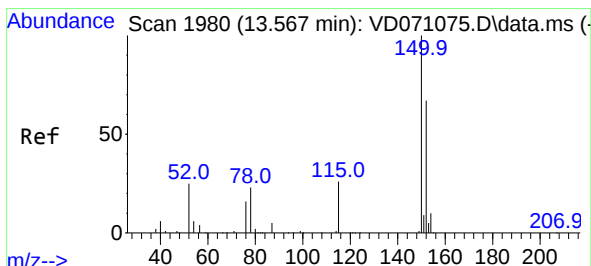
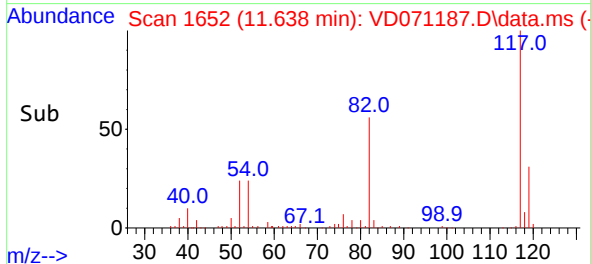
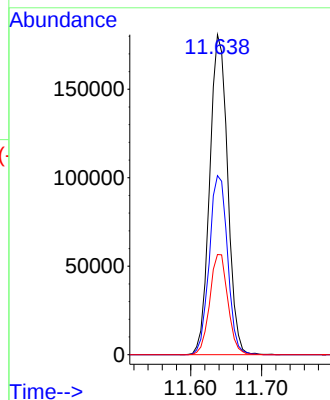
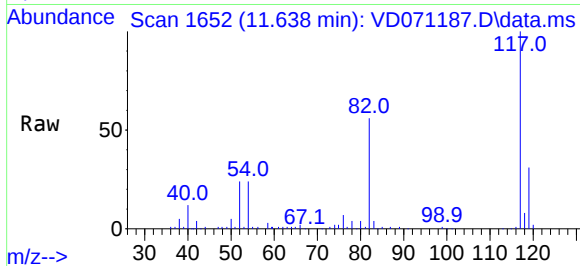




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD071187.D
Acq: 07 Dec 2021 17:00

Instrument :
MSVOA_D
ClientSampleId :
TP-5D

Tgt Ion:117 Resp: 316623
Ion Ratio Lower Upper
117 100
82 56.0 44.7 67.1
119 31.3 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: VD071187.D
Acq: 07 Dec 2021 17:00

Tgt Ion:152 Resp: 158760
Ion Ratio Lower Upper
152 100
115 61.1 29.8 89.3
150 157.8 0.0 349.2

