

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120721\
 Data File : VD071190.D
 Acq On : 07 Dec 2021 18:23
 Operator : VA/SY
 Sample : M4945-01RE
 Misc : 4.44G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-7-COMP

Quant Time: Dec 08 02:52:24 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)

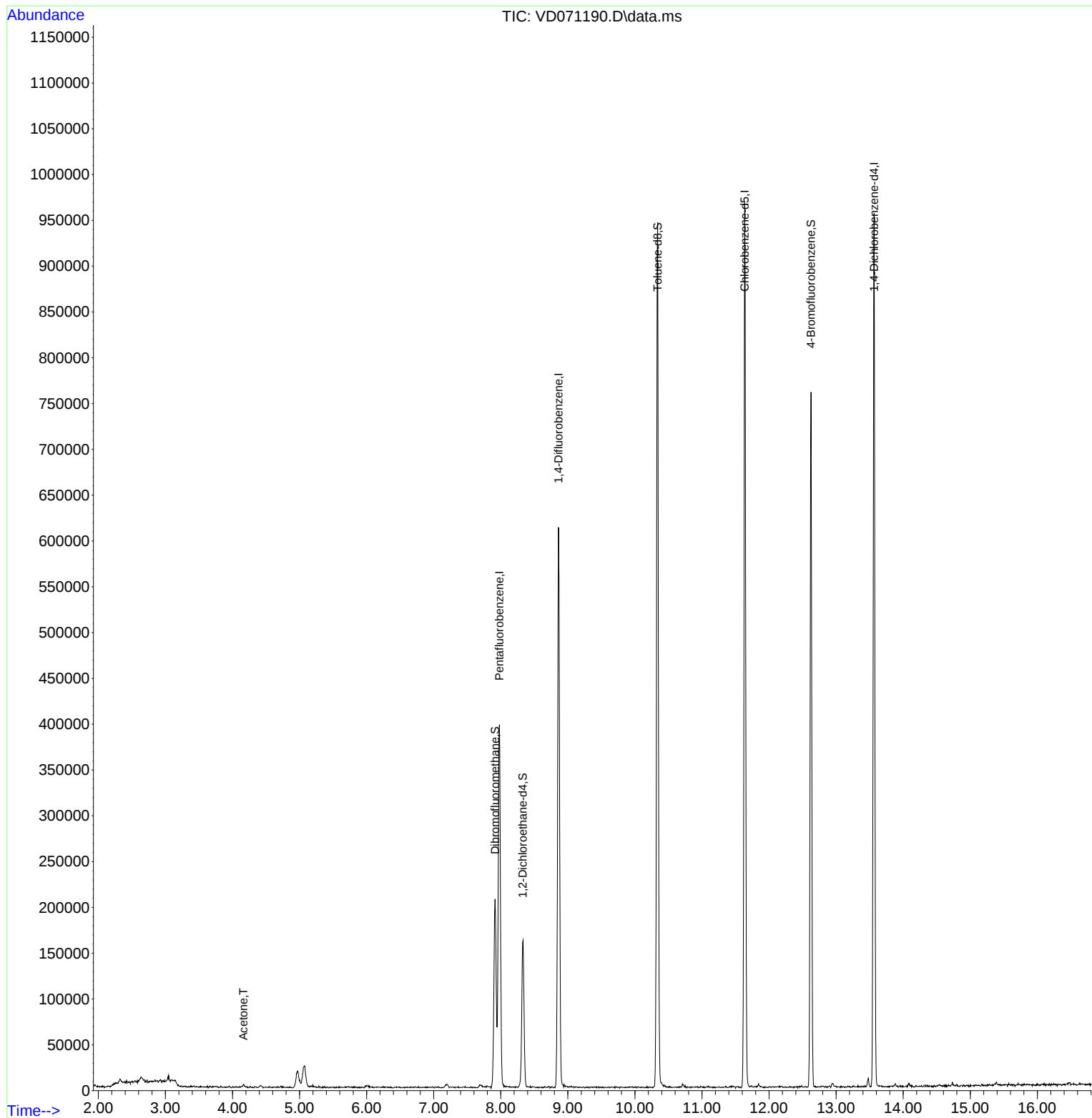
Internal Standards						
1) Pentafluorobenzene	7.979	168	282222	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	491113	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	507183	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	233115	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	128609	38.837	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	77.680%
35) Dibromofluoromethane	7.914	113	145231	46.439	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.880%
50) Toluene-d8	10.338	98	623306	52.373	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.740%
62) 4-Bromofluorobenzene	12.626	95	230457	55.863	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	111.720%
Target Compounds						
16) Acetone	4.162	43	4058	34.843	ug/l	Qvalue # 88

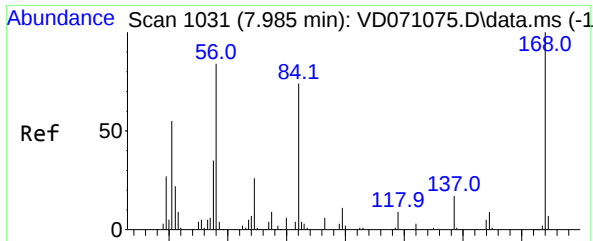
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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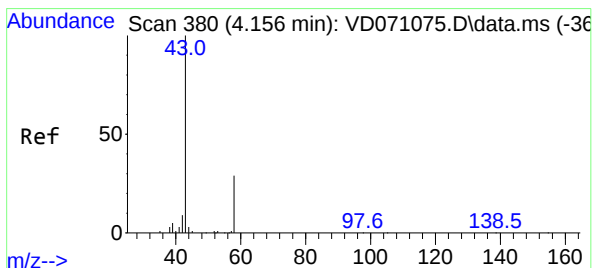
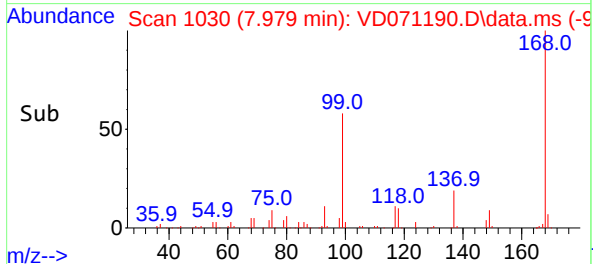
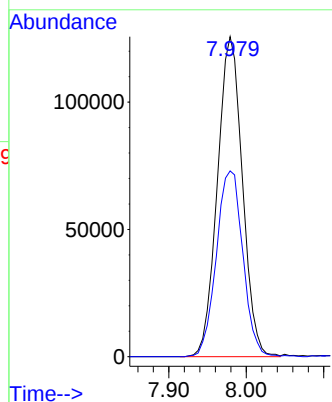
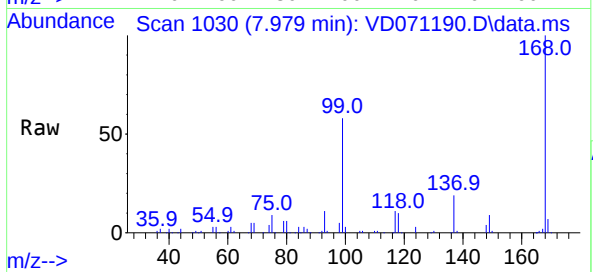




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VD071190.D
Acq: 07 Dec 2021 18:23

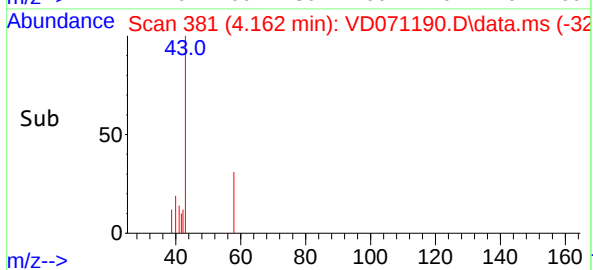
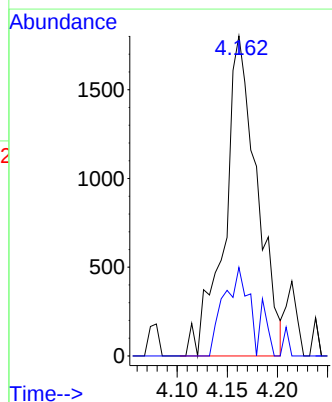
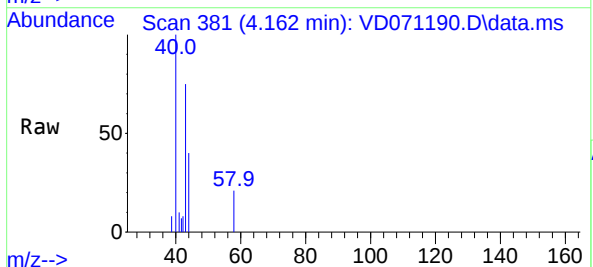
Instrument :
MSVOA_D
ClientSampleId :
TP-7-COMP

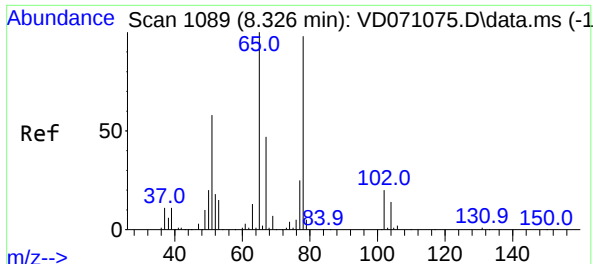
Tgt Ion:168 Resp: 282222
Ion Ratio Lower Upper
168 100
99 58.1 46.6 69.8



#16
Acetone
Concen: 34.843 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD071190.D
Acq: 07 Dec 2021 18:23

Tgt Ion: 43 Resp: 4058
Ion Ratio Lower Upper
43 100
58 27.7 27.8 41.8#





#33

1,2-Dichloroethane-d4

Concen: 38.837 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD071190.D

Acq: 07 Dec 2021 18:23

Instrument :

MSVOA_D

ClientSampleId :

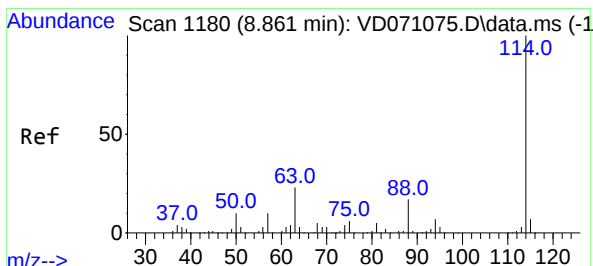
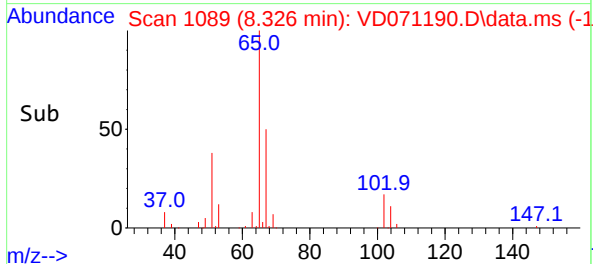
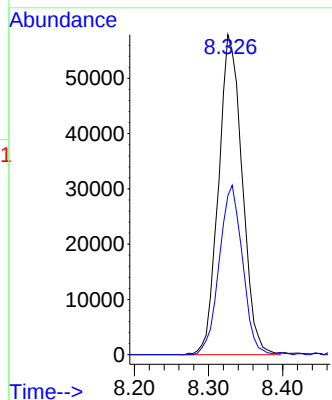
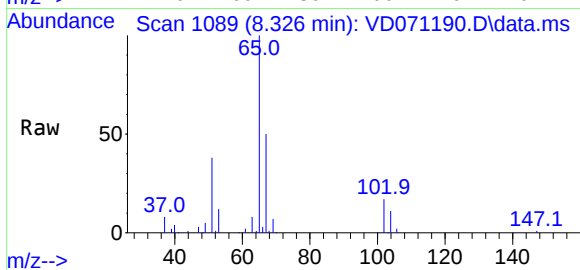
TP-7-COMP

Tgt Ion: 65 Resp: 128609

Ion Ratio Lower Upper

65 100

67 51.8 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: VD071190.D

Acq: 07 Dec 2021 18:23

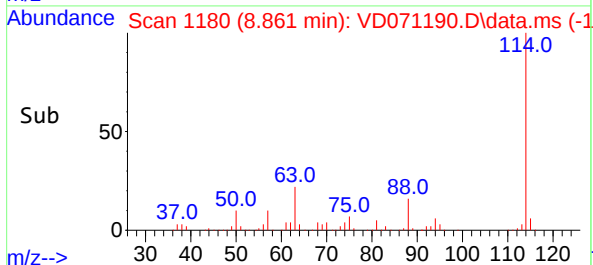
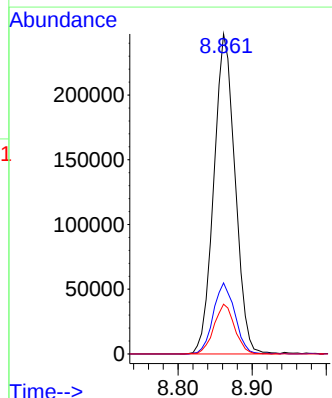
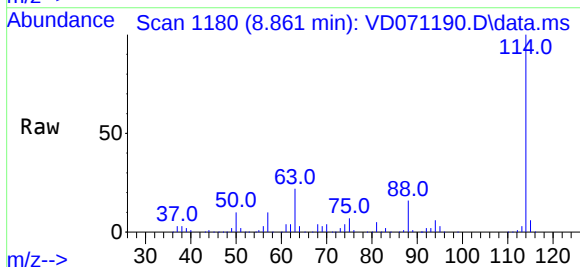
Tgt Ion: 114 Resp: 491113

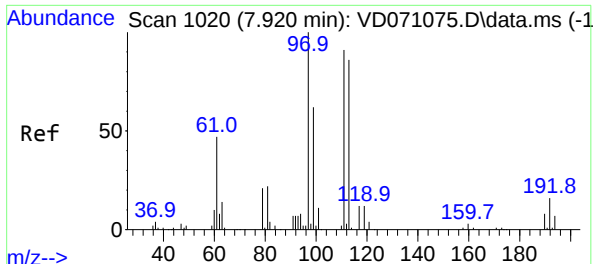
Ion Ratio Lower Upper

114 100

63 22.2 0.0 41.8

88 15.5 0.0 32.8

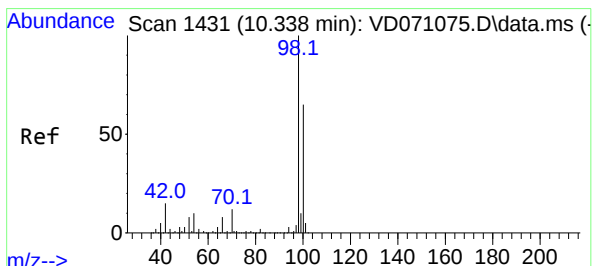
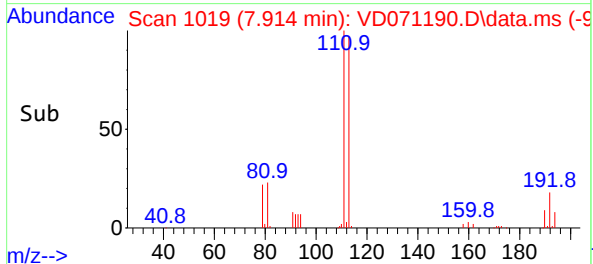
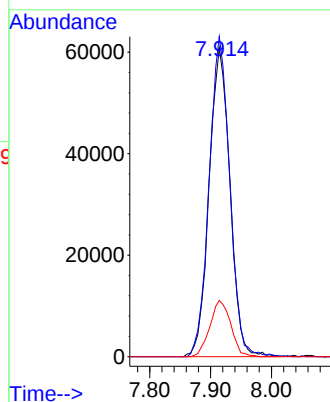
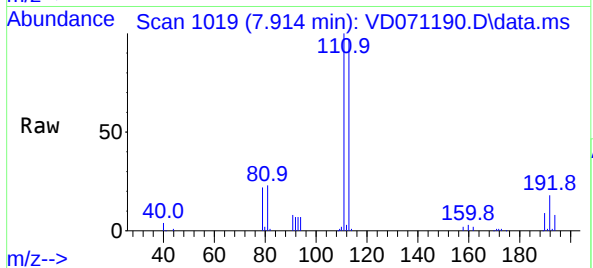




#35
Dibromofluoromethane
Concen: 46.439 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD071190.D
Acq: 07 Dec 2021 18:23

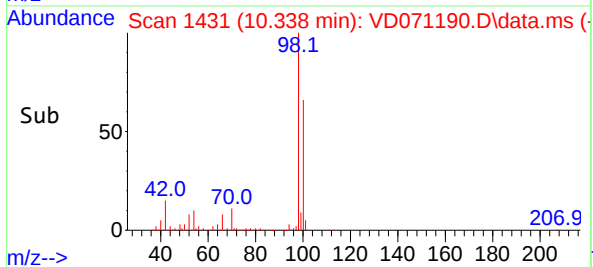
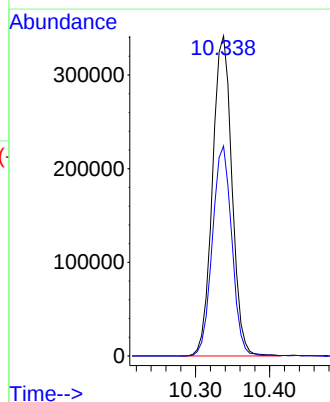
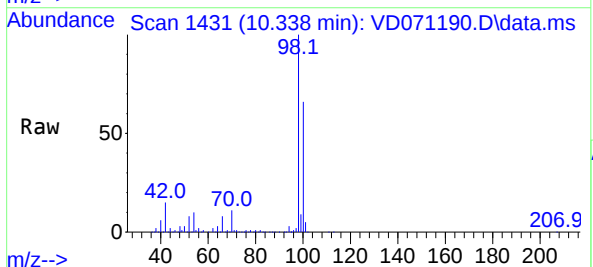
Instrument :
MSVOA_D
ClientSampleId :
TP-7-COMP

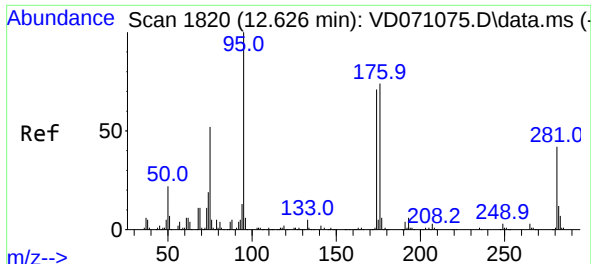
Tgt Ion:113 Resp: 145231
Ion Ratio Lower Upper
113 100
111 102.3 82.0 123.0
192 18.2 15.2 22.8



#50
Toluene-d8
Concen: 52.373 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD071190.D
Acq: 07 Dec 2021 18:23

Tgt Ion: 98 Resp: 623306
Ion Ratio Lower Upper
98 100
100 65.3 51.8 77.6

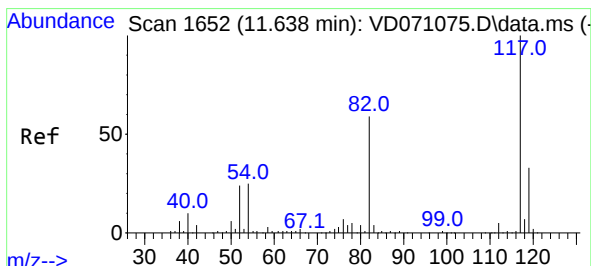
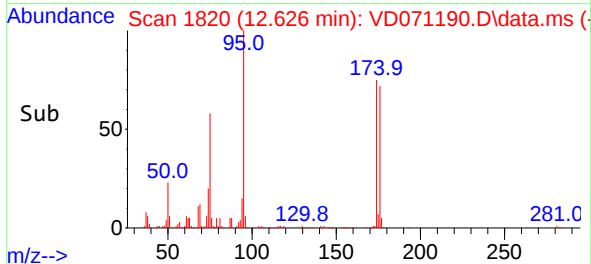
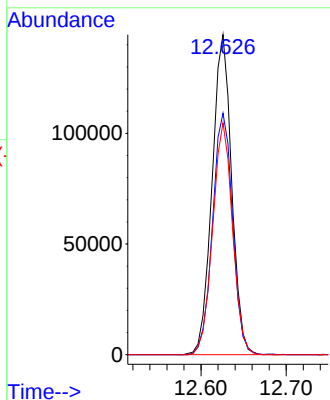
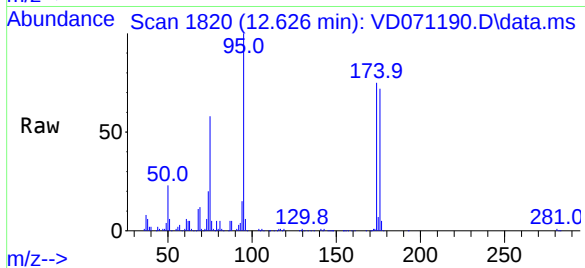




#62
4-Bromofluorobenzene
Concen: 55.863 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071190.D
Acq: 07 Dec 2021 18:23

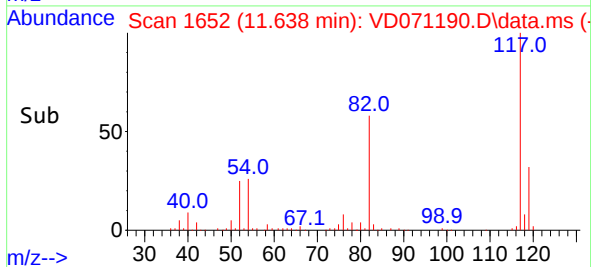
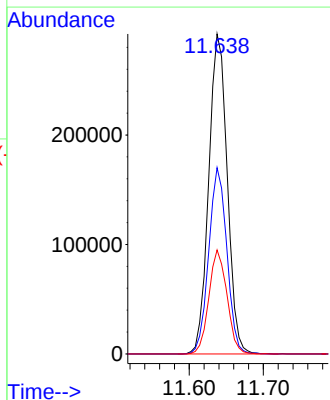
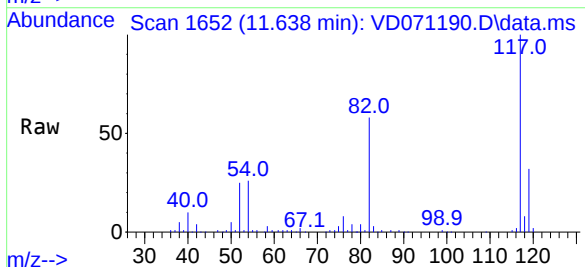
Instrument :
MSVOA_D
ClientSampleId :
TP-7-COMP

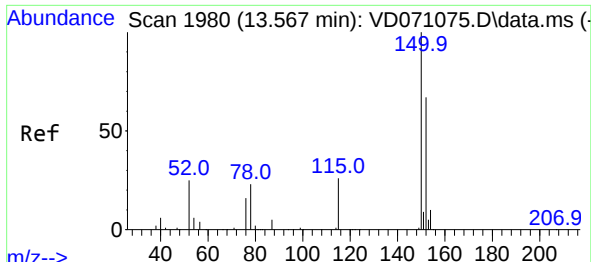
Tgt Ion: 95 Resp: 230457
Ion Ratio Lower Upper
95 100
174 77.5 0.0 159.4
176 73.5 0.0 154.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD071190.D
Acq: 07 Dec 2021 18:23

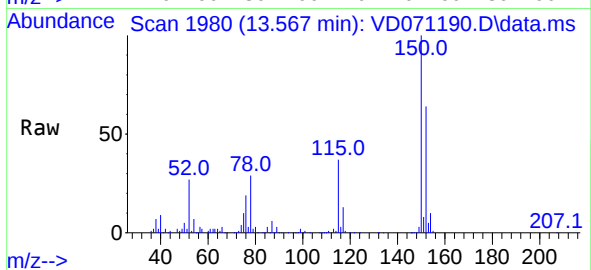
Tgt Ion: 117 Resp: 507183
Ion Ratio Lower Upper
117 100
82 58.2 44.7 67.1
119 32.5 26.2 39.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.567 min Scan# 1980
 Delta R.T. -0.000 min
 Lab File: VD071190.D
 Acq: 07 Dec 2021 18:23

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-7-COMP



Tgt Ion:152 Resp: 233115

Ion	Ratio	Lower	Upper
152	100		
115	60.2	29.8	89.3
150	158.7	0.0	349.2

