

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121021\
 Data File : VD071260.D
 Acq On : 10 Dec 2021 19:11
 Operator : VA/SY
 Sample : M5018-39
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP6

Quant Time: Dec 11 04:42:50 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)

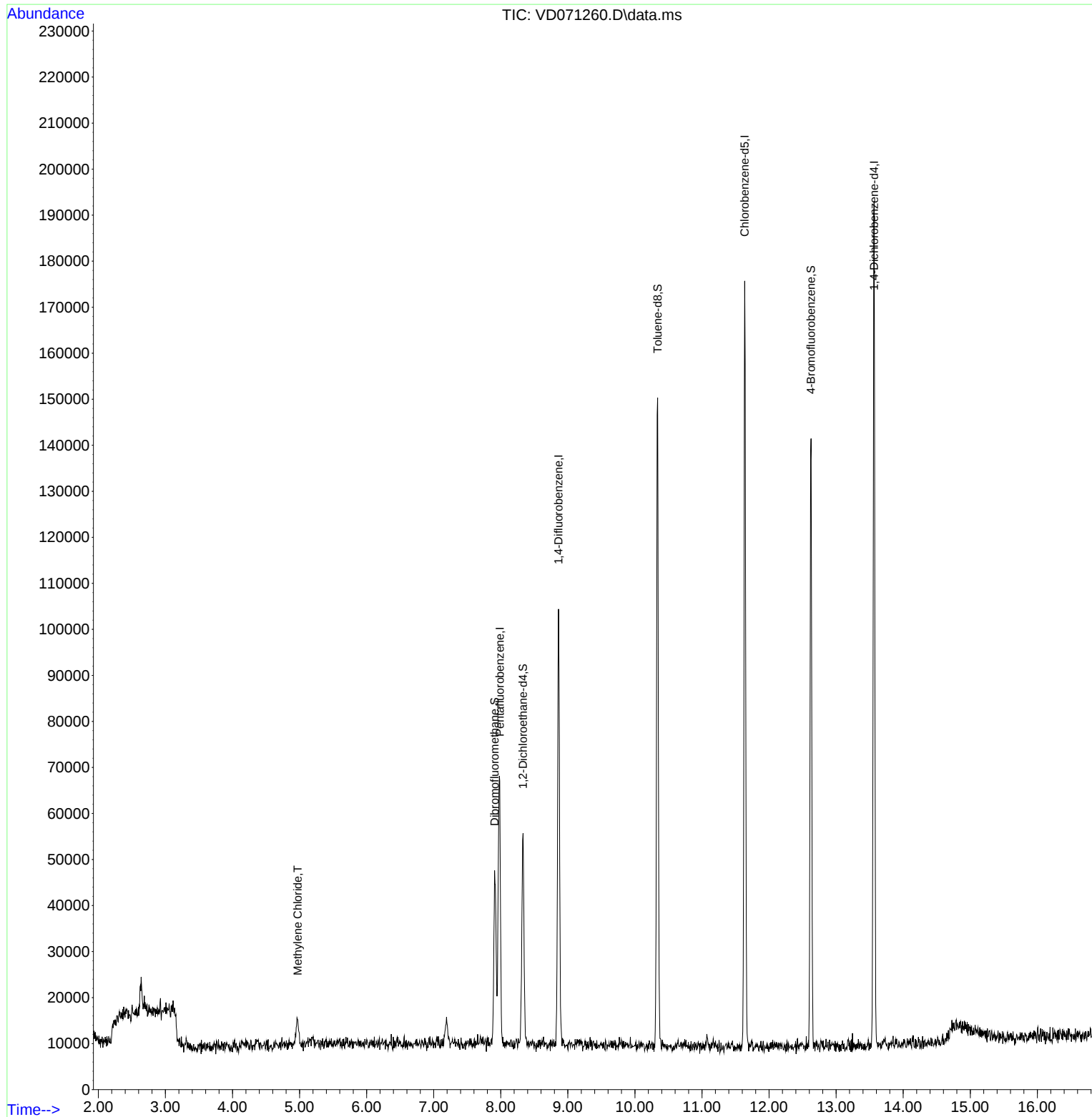
Internal Standards						
1) Pentafluorobenzene	7.985	168	39995	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	71934	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	86159	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	45661	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	34823	74.20	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 148.40%	
35) Dibromofluoromethane	7.908	113	26259	57.33	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 114.66%	
50) Toluene-d8	10.338	98	90318	51.81	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 103.62%	
62) 4-Bromofluorobenzene	12.626	95	40288	66.67	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 133.34%	
Target Compounds						
20) Methylene Chloride	4.973	84	3860	4.34	ug/l	Qvalue # 86

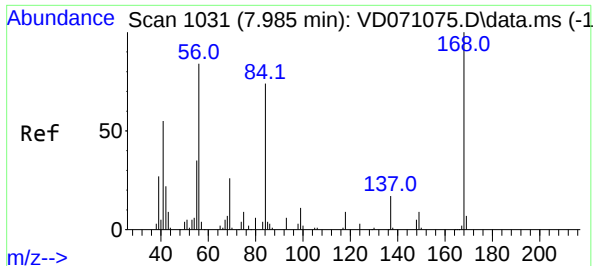
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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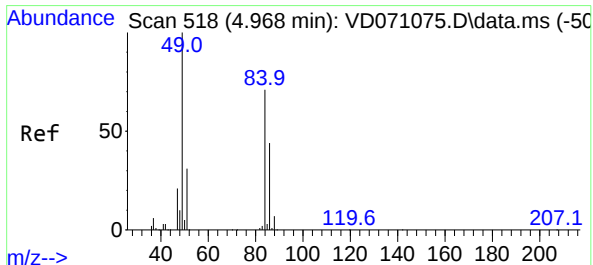
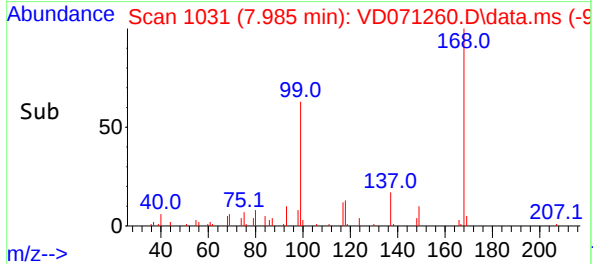
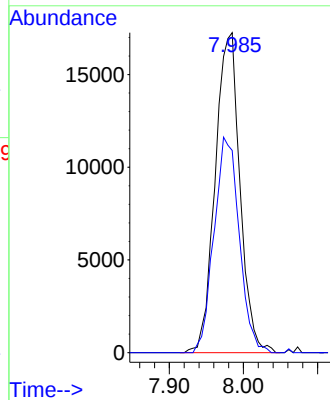
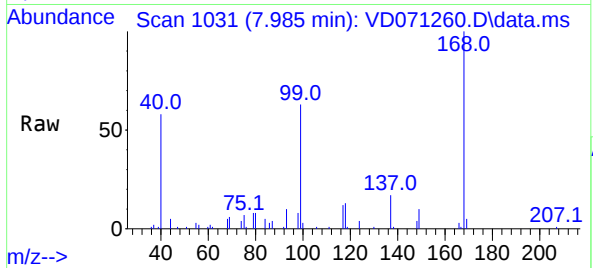




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD071260.D
Acq: 10 Dec 2021 19:11

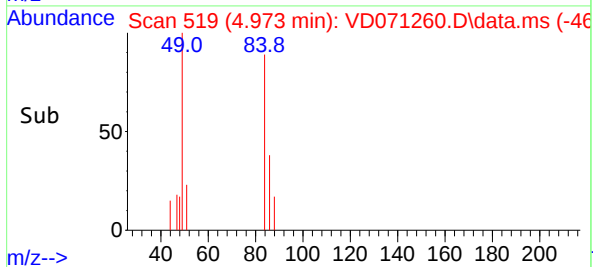
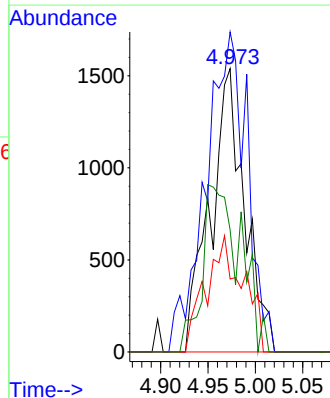
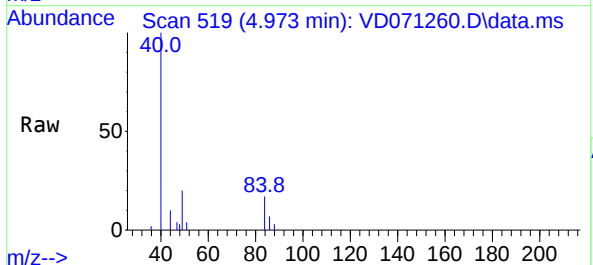
Instrument :
MSVOA_D
ClientSampleId :
TP6

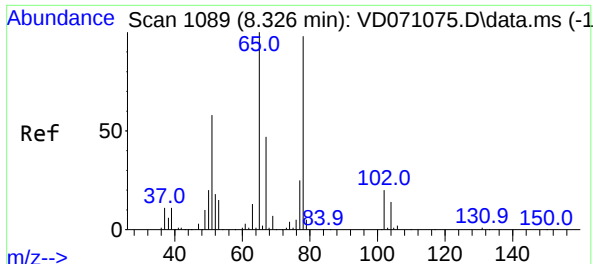
Tgt Ion:168 Resp: 39995
Ion Ratio Lower Upper
168 100
99 63.2 46.6 69.8



#20
Methylene Chloride
Concen: 4.34 ug/l
RT: 4.973 min Scan# 519
Delta R.T. 0.005 min
Lab File: VD071260.D
Acq: 10 Dec 2021 19:11

Tgt Ion: 84 Resp: 3860
Ion Ratio Lower Upper
84 100
49 112.9 95.8 143.6
51 25.7 30.9 46.3#
86 43.1 50.3 75.5#

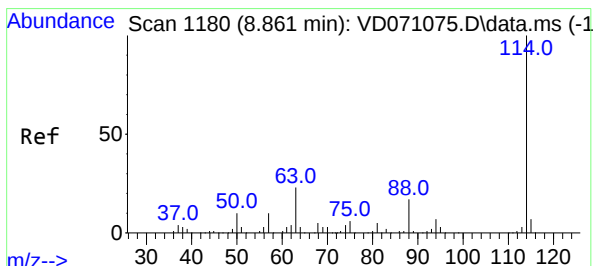
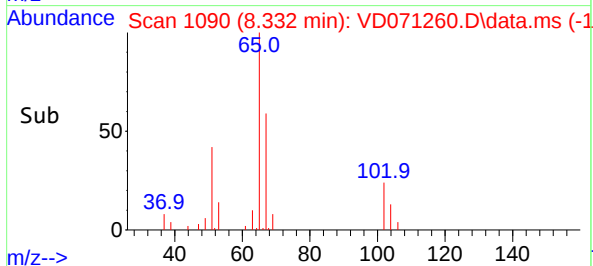
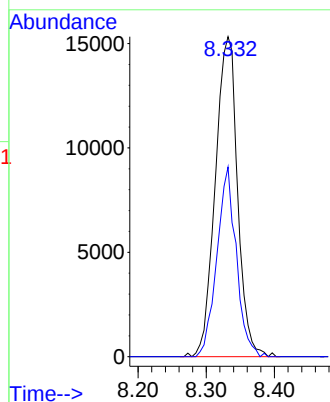
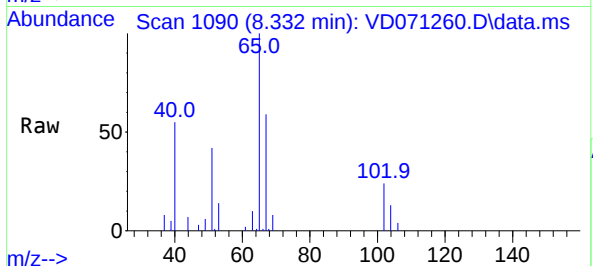




#33
 1,2-Dichloroethane-d4
 Concen: 74.20 ug/l
 RT: 8.332 min Scan# 1089
 Delta R.T. 0.006 min
 Lab File: VD071260.D
 Acq: 10 Dec 2021 19:11

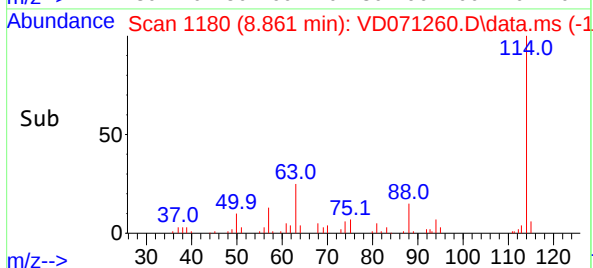
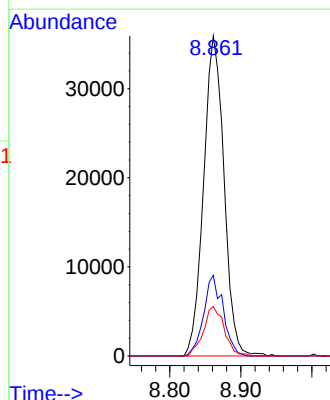
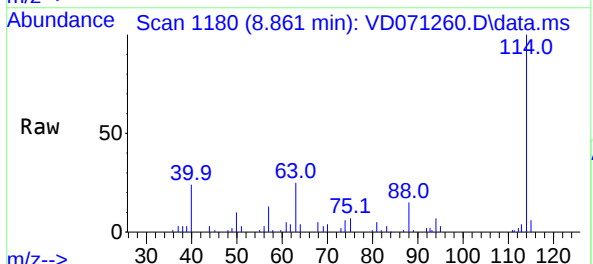
Instrument :
 MSVOA_D
 ClientSampleId :
 TP6

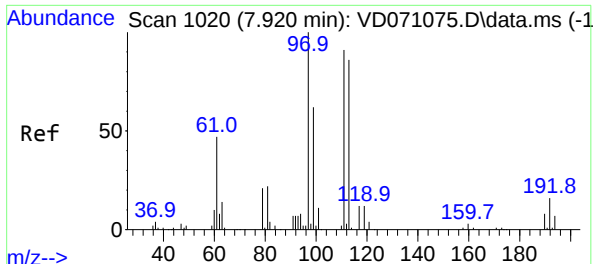
Tgt Ion: 65 Resp: 34823
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 112.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.861 min Scan# 1180
 Delta R.T. 0.000 min
 Lab File: VD071260.D
 Acq: 10 Dec 2021 19:11

Tgt Ion: 114 Resp: 71934
 Ion Ratio Lower Upper
 114 100
 63 25.2 0.0 41.8
 88 15.5 0.0 32.8

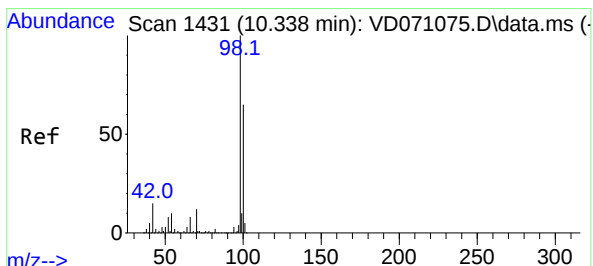
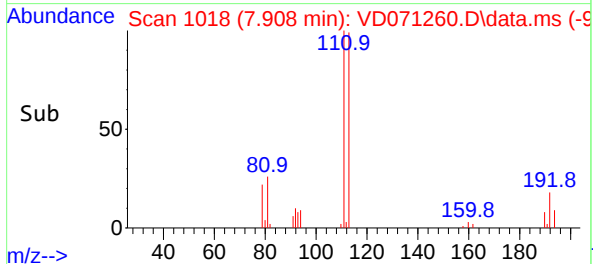
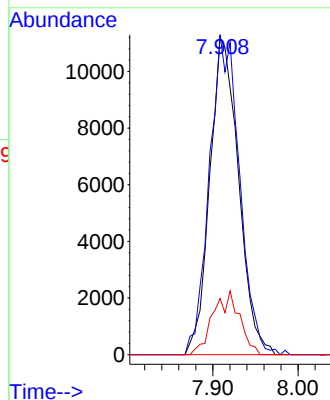
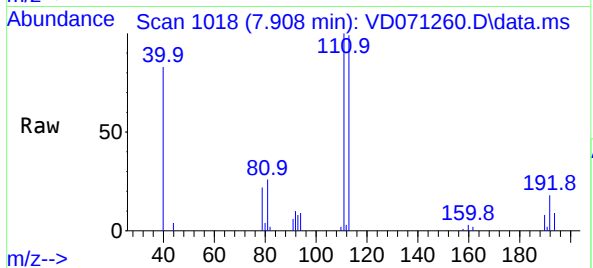




#35
Dibromofluoromethane
Concen: 57.33 ug/l
RT: 7.908 min Scan# 110
Delta R.T. -0.012 min
Lab File: VD071260.D
Acq: 10 Dec 2021 19:11

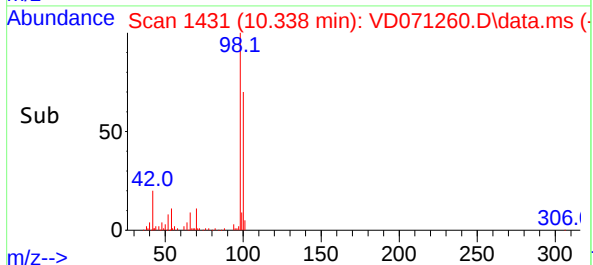
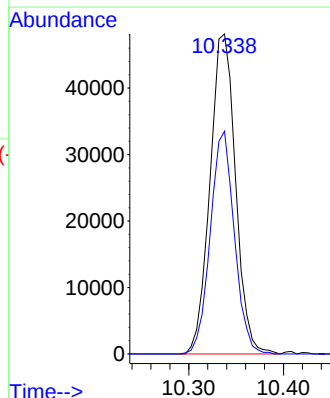
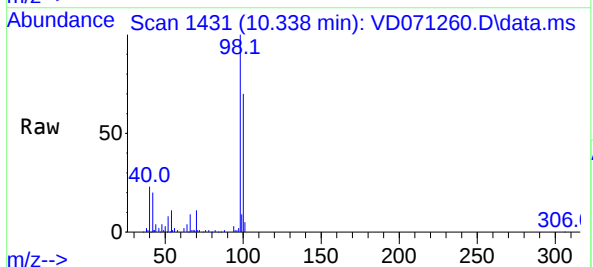
Instrument :
MSVOA_D
ClientSampleId :
TP6

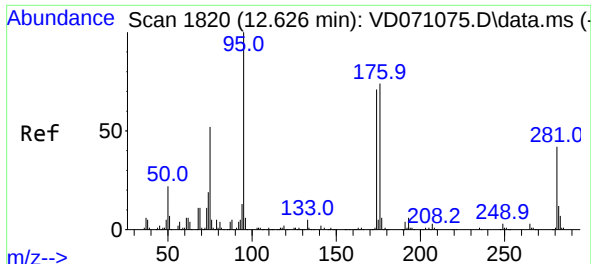
Tgt Ion:113 Resp: 26259
Ion Ratio Lower Upper
113 100
111 105.7 82.0 123.0
192 9.8 15.2 22.8#



#50
Toluene-d8
Concen: 51.81 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD071260.D
Acq: 10 Dec 2021 19:11

Tgt Ion: 98 Resp: 90318
Ion Ratio Lower Upper
98 100
100 65.6 51.8 77.6

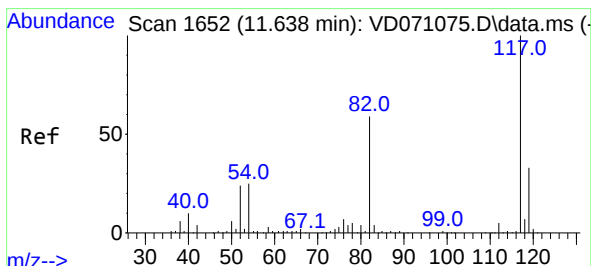
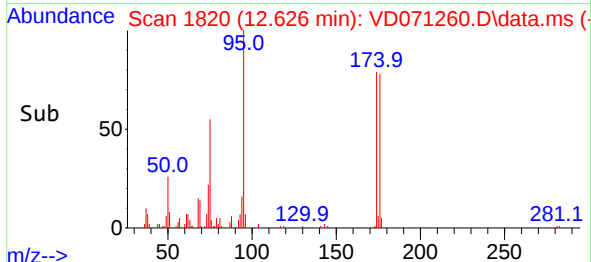
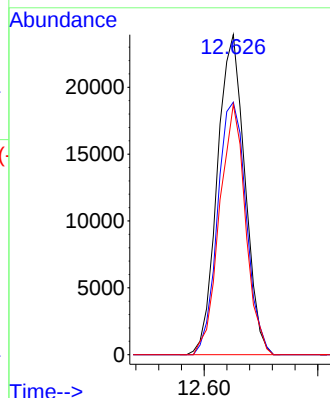
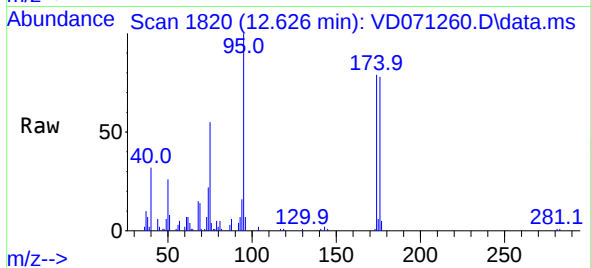




#62
4-Bromofluorobenzene
Concen: 66.67 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071260.D
Acq: 10 Dec 2021 19:11

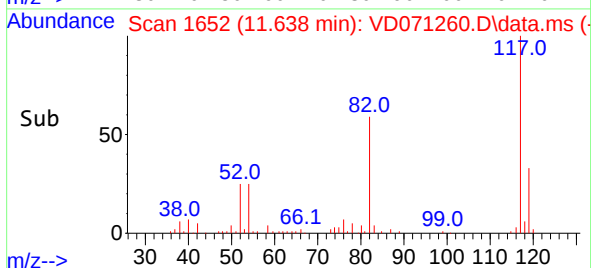
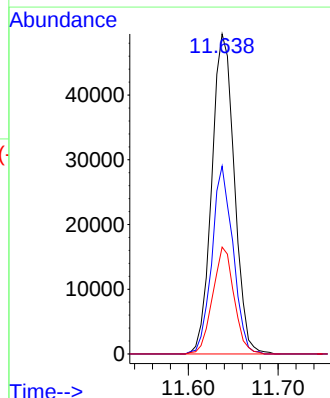
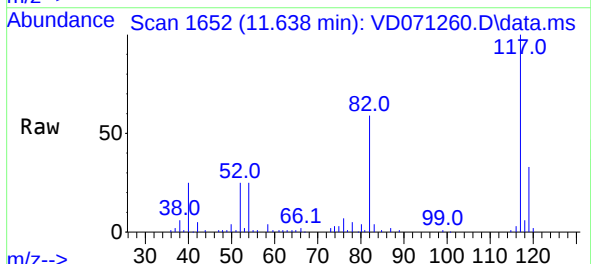
Instrument :
MSVOA_D
ClientSampleId :
TP6

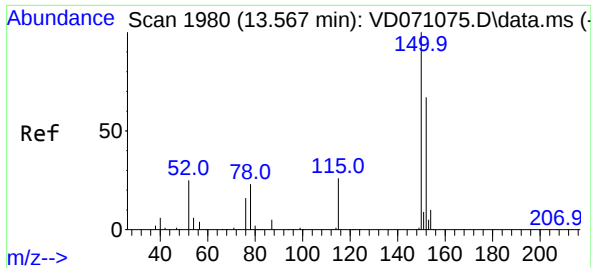
Tgt Ion:	95	Resp:	40288
Ion	Ratio	Lower	Upper
95	100		
174	81.9	0.0	159.4
176	73.9	0.0	154.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD071260.D
Acq: 10 Dec 2021 19:11

Tgt Ion:	117	Resp:	86159
Ion	Ratio	Lower	Upper
117	100		
82	58.7	44.7	67.1
119	33.4	26.2	39.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.567 min Scan# 1980

Delta R.T. -0.000 min

Lab File: VD071260.D

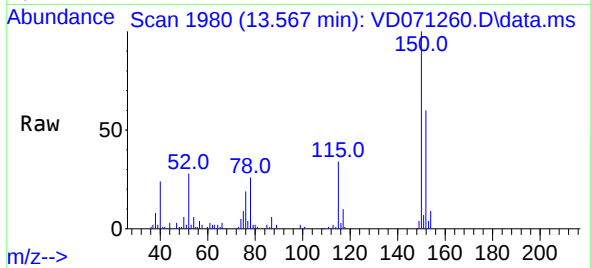
Acq: 10 Dec 2021 19:11

Instrument :

MSVOA_D

ClientSampleId :

TP6



Tgt Ion:152 Resp: 45661

Ion Ratio Lower Upper

152 100

115 60.6 29.8 89.3

150 155.9 0.0 349.2

