

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021622\
 Data File : VD071988.D
 Acq On : 16 Feb 2022 13:16
 Operator : VA/SY
 Sample : N1552-04
 Misc : 4.94G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-2

Quant Time: Feb 17 00:48:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012622S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 27 06:04:38 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

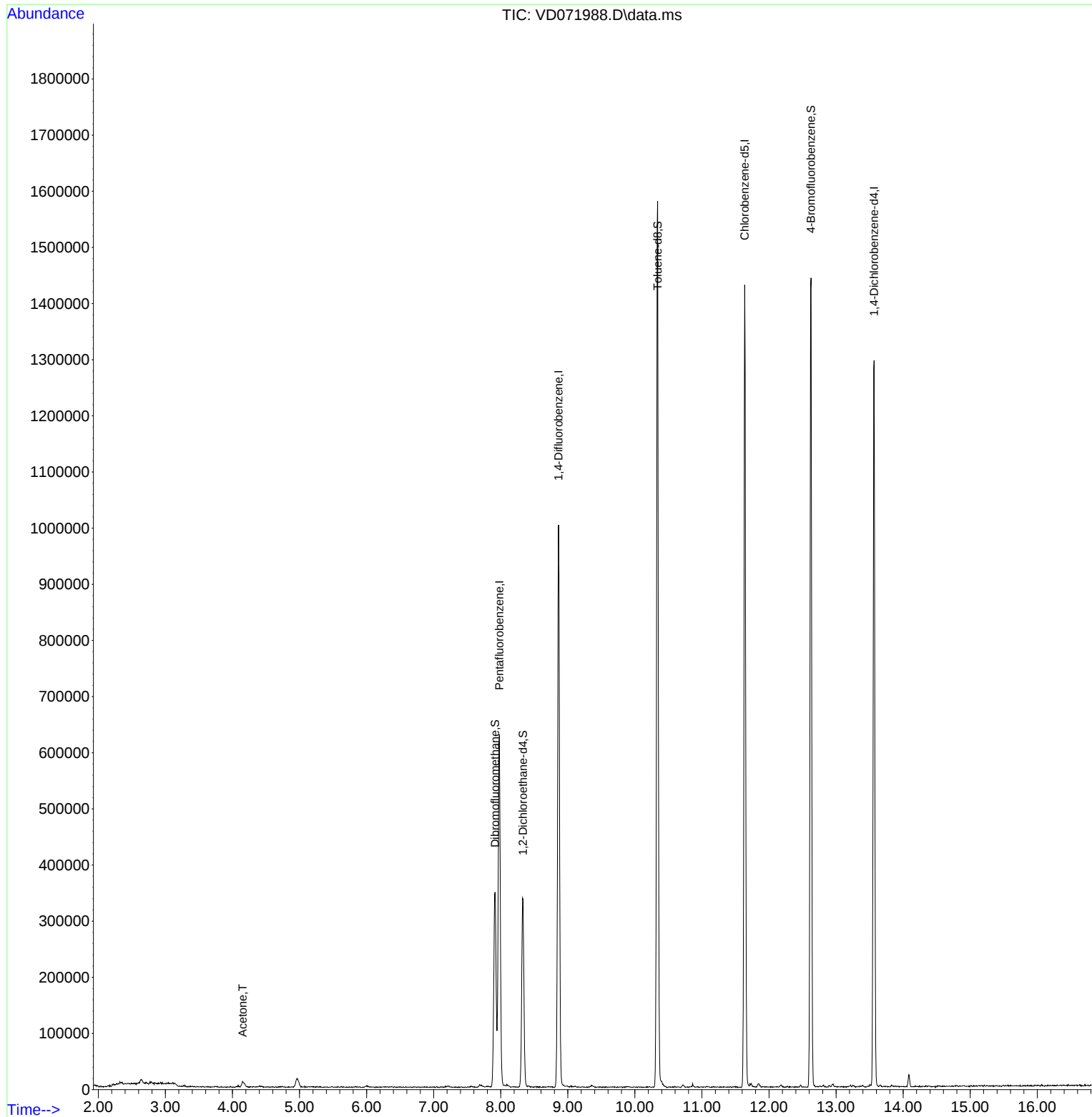
Internal Standards						
1) Pentafluorobenzene	7.979	168	421551	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	768081	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	737079	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	320112	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	275000	51.612	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.220%	
35) Dibromofluoromethane	7.914	113	249613	49.440	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 98.880%	
50) Toluene-d8	10.338	98	1000829	53.078	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 106.160%	
62) 4-Bromofluorobenzene	12.626	95	343788	52.211	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 104.420%	
Target Compounds						
16) Acetone	4.150	43	18593	12.748	ug/l	Qvalue 93

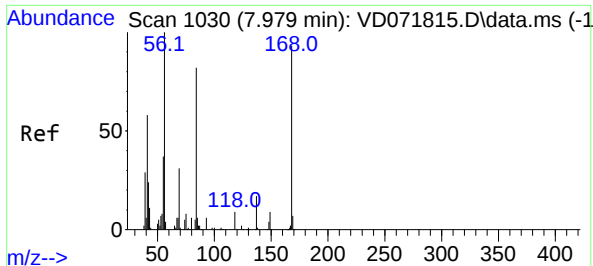
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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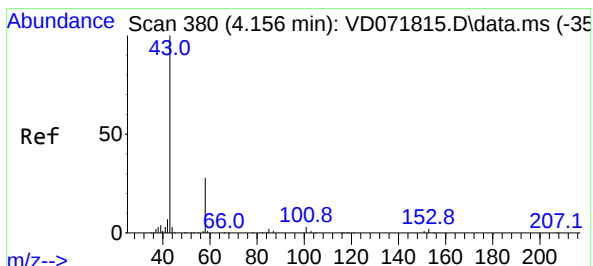
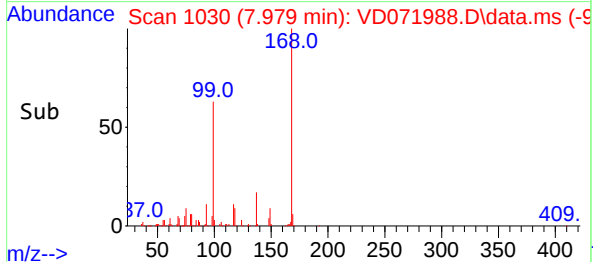
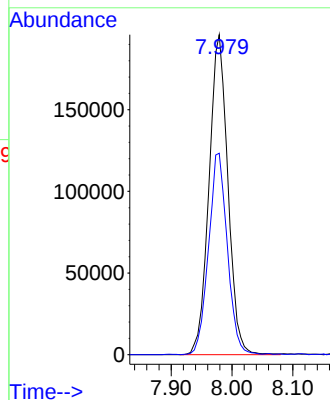
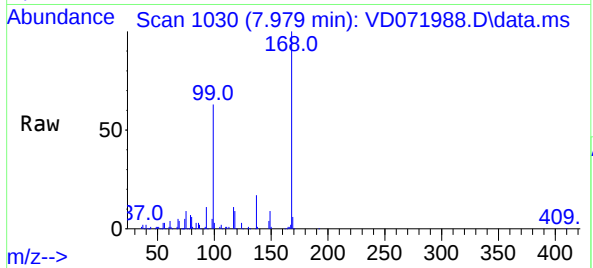




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD071988.D
Acq: 16 Feb 2022 13:16

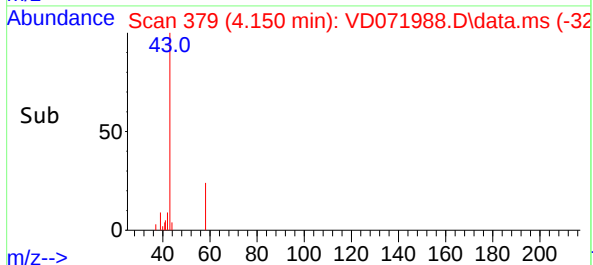
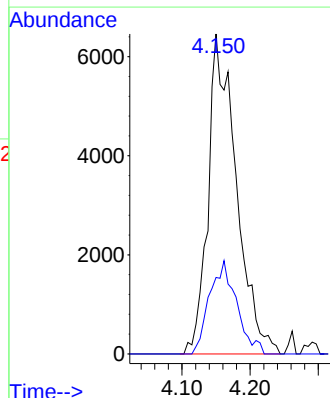
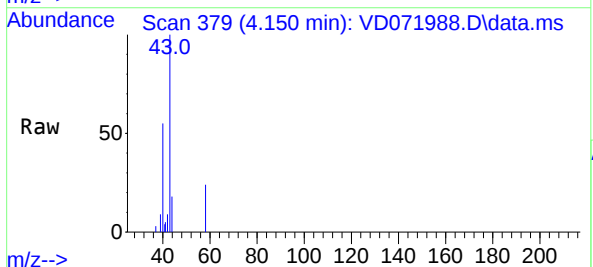
Instrument :
MSVOA_D
ClientSampleId :
TP-2

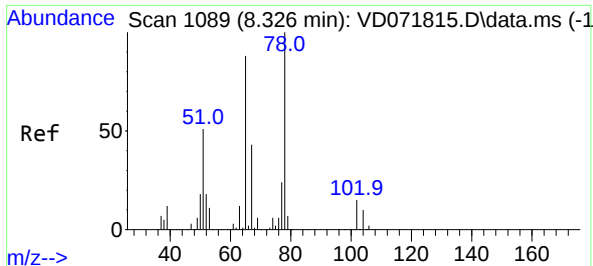
Tgt Ion:168 Resp: 421551
Ion Ratio Lower Upper
168 100
99 63.0 49.8 74.6



#16
Acetone
Concen: 12.748 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.006 min
Lab File: VD071988.D
Acq: 16 Feb 2022 13:16

Tgt Ion: 43 Resp: 18593
Ion Ratio Lower Upper
43 100
58 23.9 22.1 33.1





#33

1,2-Dichloroethane-d4

Concen: 51.612 ug/l

RT: 8.332 min Scan# 110

Delta R.T. 0.006 min

Lab File: VD071988.D

Acq: 16 Feb 2022 13:16

Instrument :

MSVOA_D

ClientSampleId :

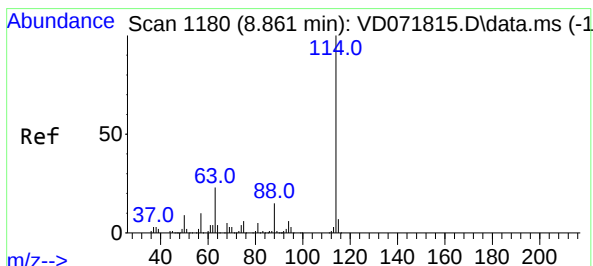
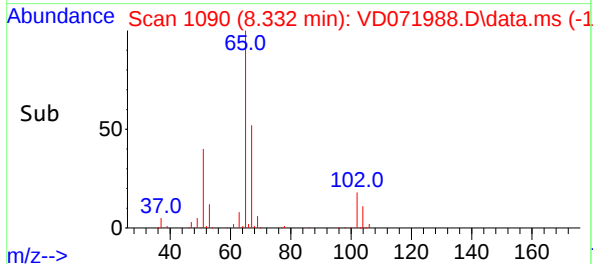
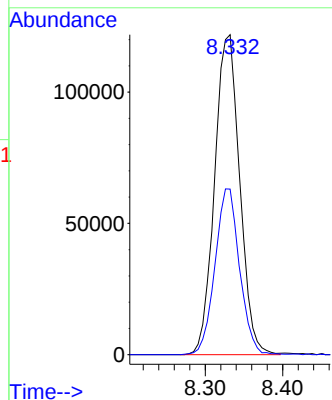
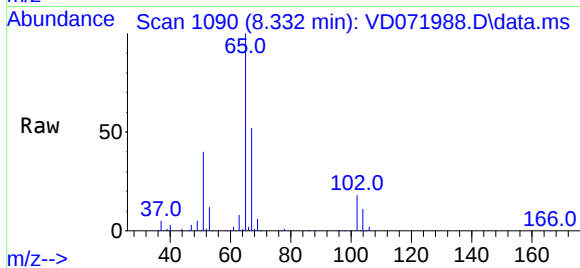
TP-2

Tgt Ion: 65 Resp: 275000

Ion Ratio Lower Upper

65 100

67 50.7 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD071988.D

Acq: 16 Feb 2022 13:16

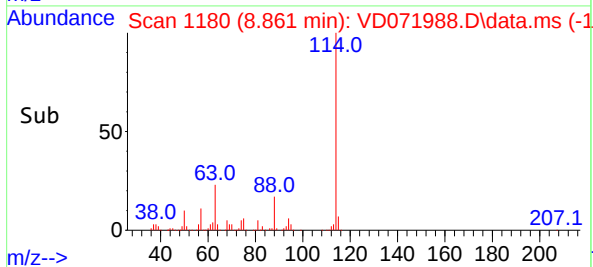
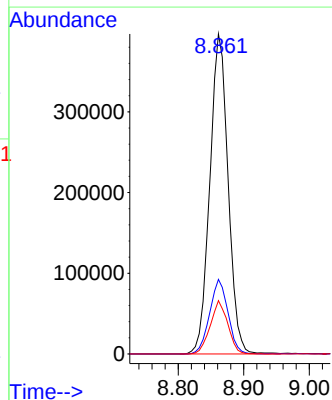
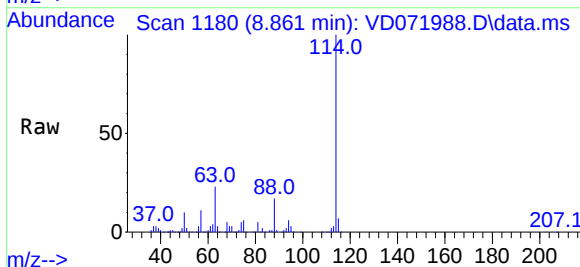
Tgt Ion: 114 Resp: 768081

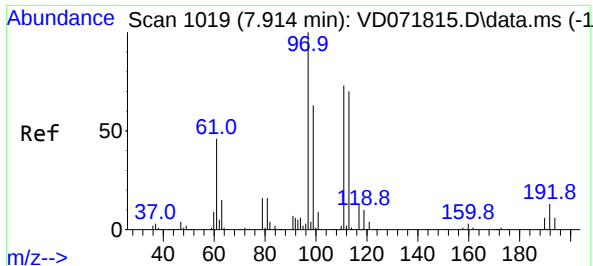
Ion Ratio Lower Upper

114 100

63 23.3 0.0 46.6

88 16.7 0.0 33.2

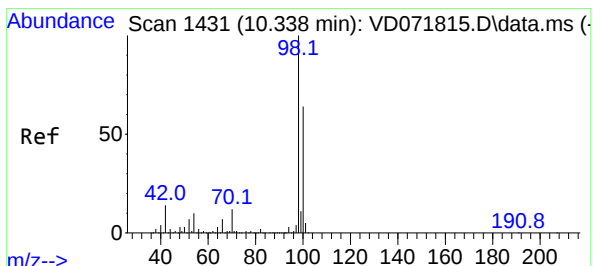
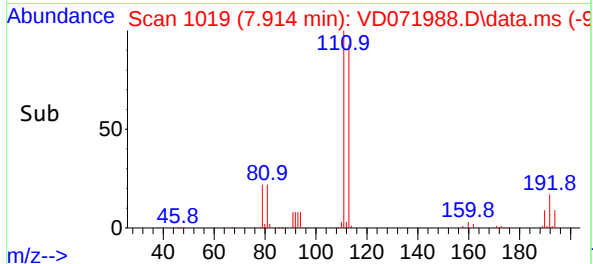
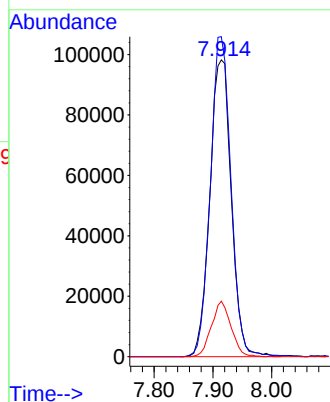
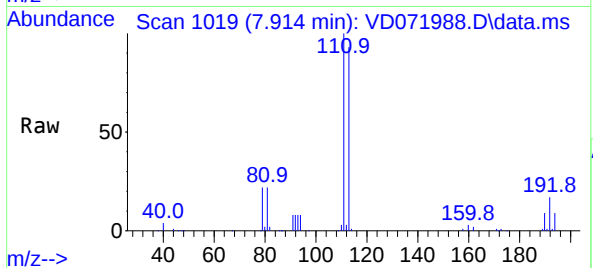




#35
Dibromofluoromethane
Concen: 49.440 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD071988.D
Acq: 16 Feb 2022 13:16

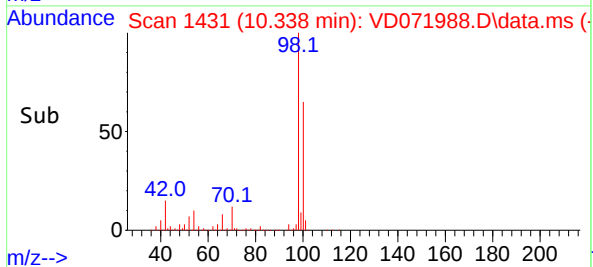
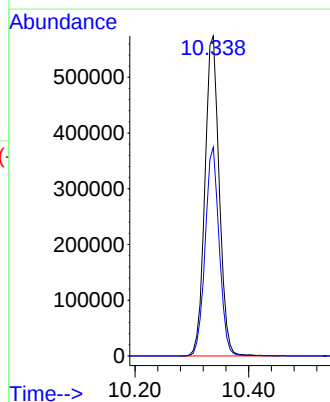
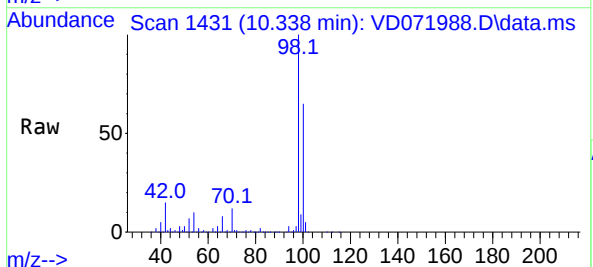
Instrument :
MSVOA_D
ClientSampleId :
TP-2

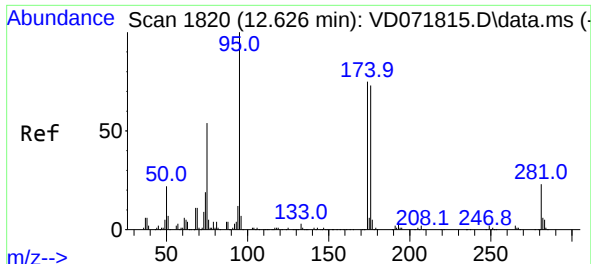
Tgt Ion:113 Resp: 249613
Ion Ratio Lower Upper
113 100
111 103.4 83.8 125.6
192 17.1 14.6 21.8



#50
Toluene-d8
Concen: 53.078 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VD071988.D
Acq: 16 Feb 2022 13:16

Tgt Ion: 98 Resp: 1000829
Ion Ratio Lower Upper
98 100
100 64.1 52.4 78.6

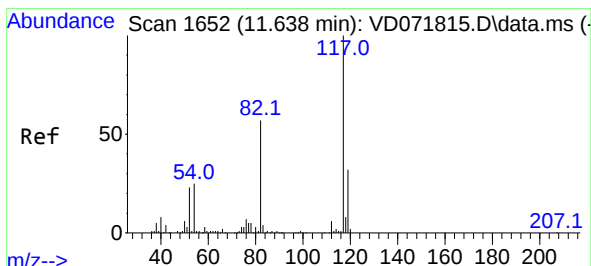
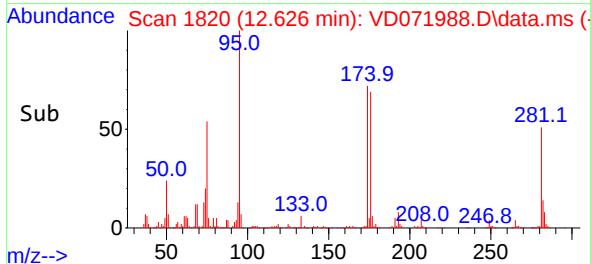
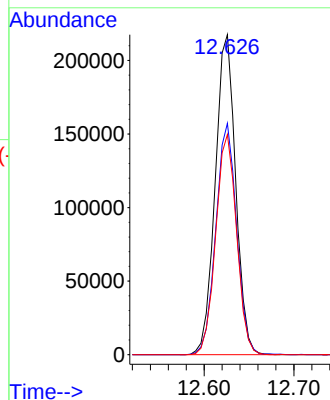
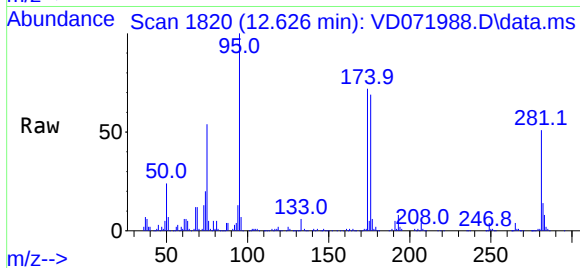




#62
4-Bromofluorobenzene
Concen: 52.211 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD071988.D
Acq: 16 Feb 2022 13:16

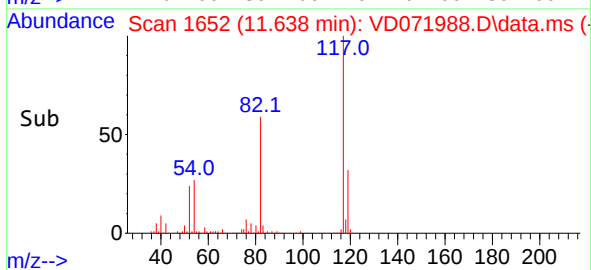
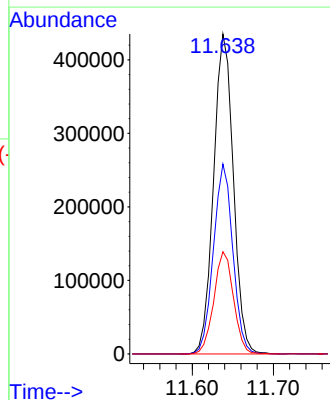
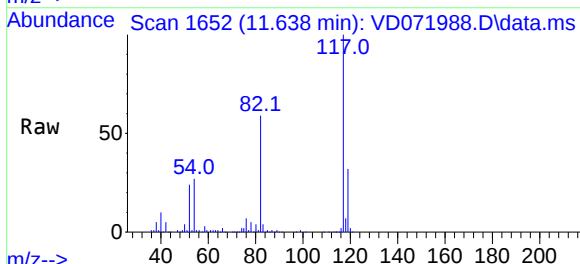
Instrument :
MSVOA_D
ClientSampleId :
TP-2

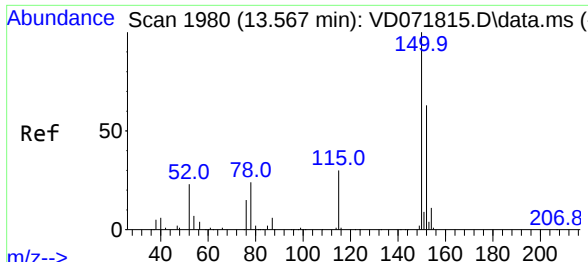
Tgt Ion: 95 Resp: 343788
Ion Ratio Lower Upper
95 100
174 73.6 0.0 152.8
176 70.0 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD071988.D
Acq: 16 Feb 2022 13:16

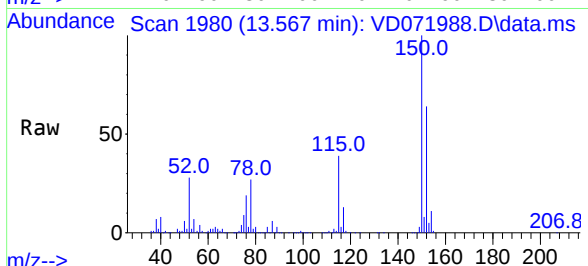
Tgt Ion: 117 Resp: 737079
Ion Ratio Lower Upper
117 100
82 59.4 45.3 67.9
119 32.0 26.6 40.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD071988.D
Acq: 16 Feb 2022 13:16

Instrument :
MSVOA_D
ClientSampleId :
TP-2



Tgt Ion:	152	Resp:	320112
Ion	Ratio	Lower	Upper
152	100		
115	62.0	31.3	93.8
150	157.0	0.0	348.6

