

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012022\
 Data File : VD071760.D
 Acq On : 20 Jan 2022 13:37
 Operator : VA/SY
 Sample : N1188-01RE
 Misc : 2.59G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 72-11940RE

Quant Time: Jan 21 03:15:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010722S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 07 15:39:14 2022
 Response via : Initial Calibration

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

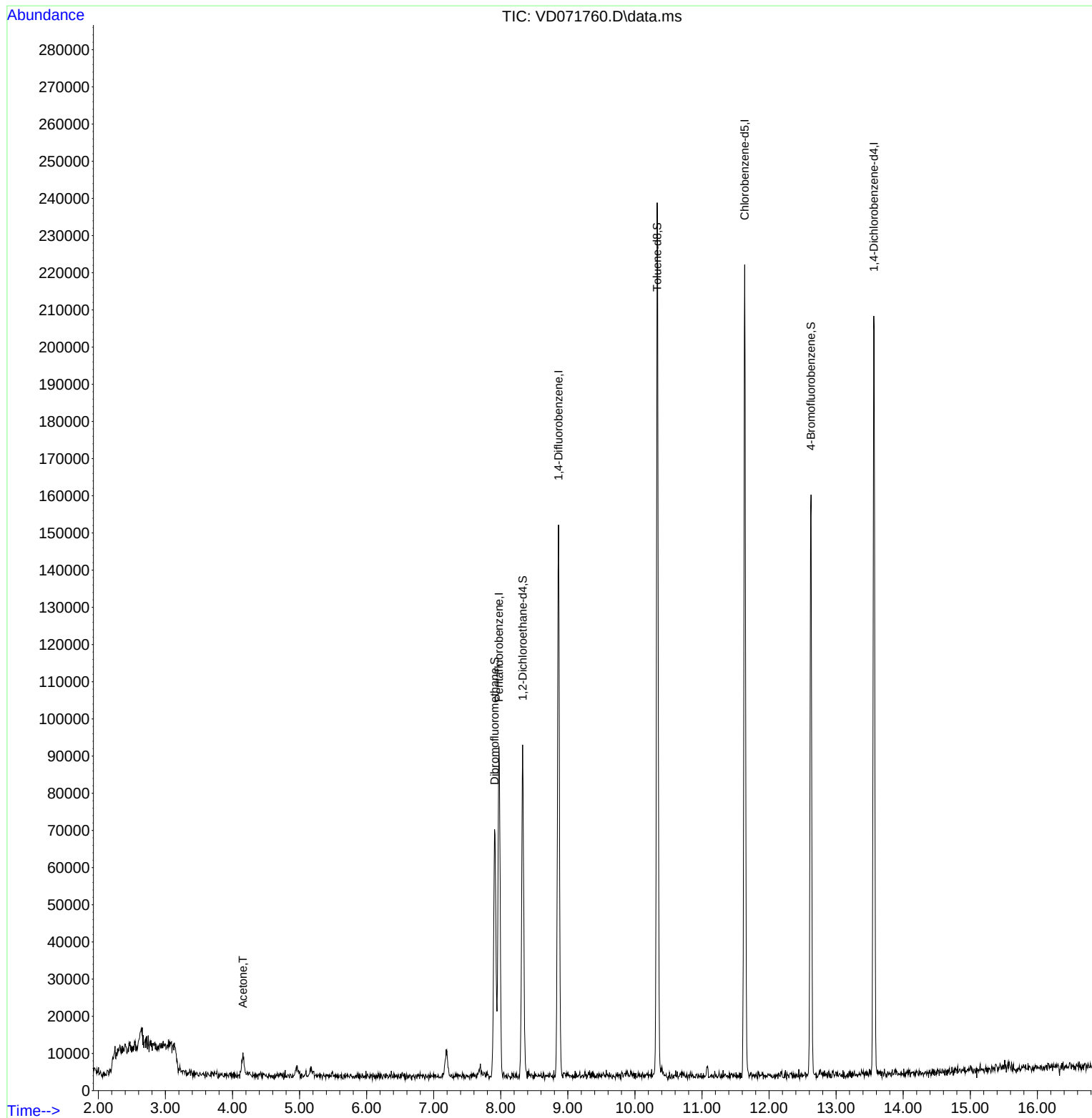
Internal Standards						
1) Pentafluorobenzene	7.973	168	59726	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	112129	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	113983	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	49356	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	68030	88.523	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 177.040%#	
35) Dibromofluoromethane	7.908	113	46336	62.529	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 125.060%	
50) Toluene-d8	10.332	98	145199	52.344	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 104.680%	
62) 4-Bromofluorobenzene	12.626	95	48647	49.769	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 99.540%	
Target Compounds						
16) Acetone	4.156	43	9090	51.232	ug/l	Qvalue 90

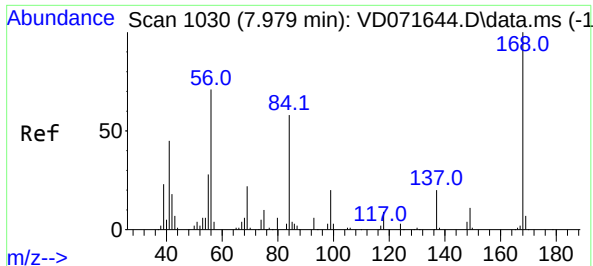
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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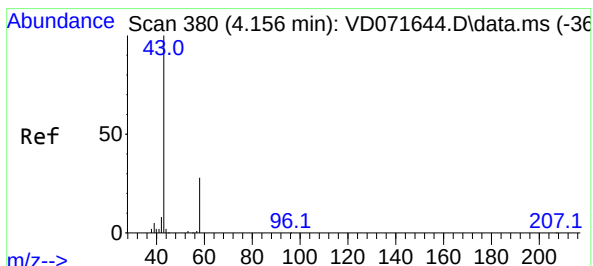
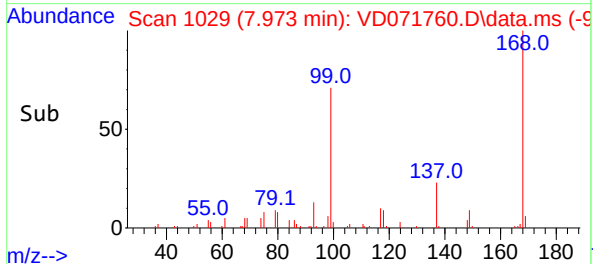
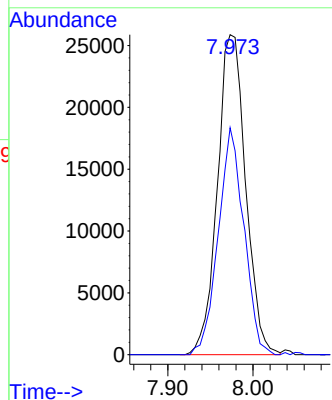
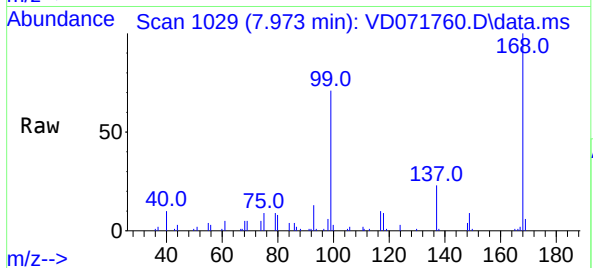




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD071760.D
Acq: 20 Jan 2022 13:37

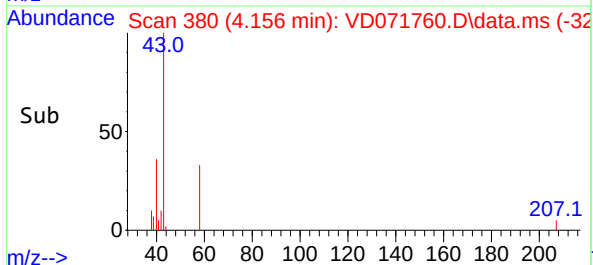
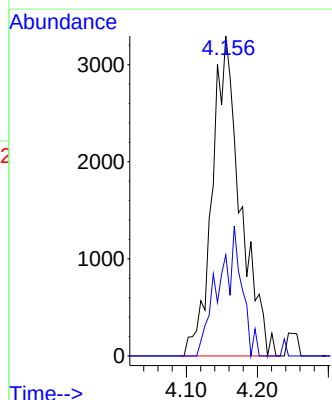
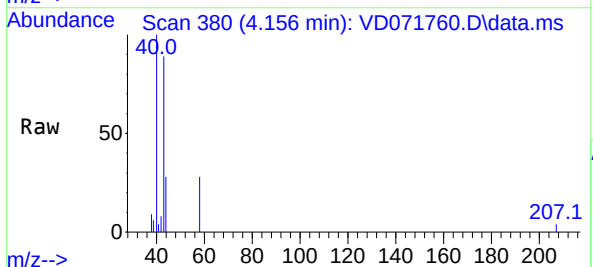
Instrument :
MSVOA_D
ClientSampleId :
72-11940RE

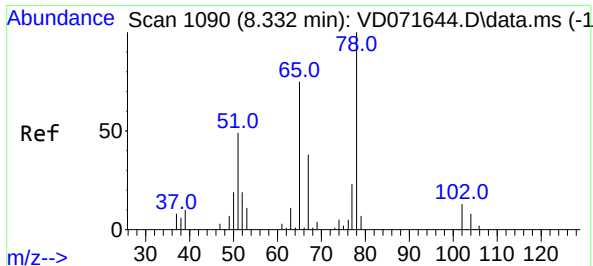
Tgt Ion:168 Resp: 59726
Ion Ratio Lower Upper
168 100
99 70.9 51.8 77.6



#16
Acetone
Concen: 51.232 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.001 min
Lab File: VD071760.D
Acq: 20 Jan 2022 13:37

Tgt Ion: 43 Resp: 9090
Ion Ratio Lower Upper
43 100
58 31.6 21.0 31.6

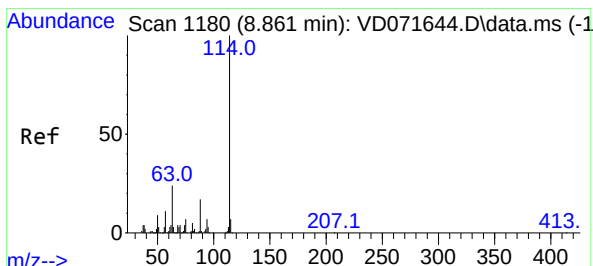
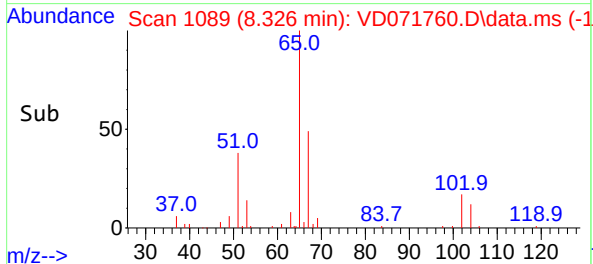
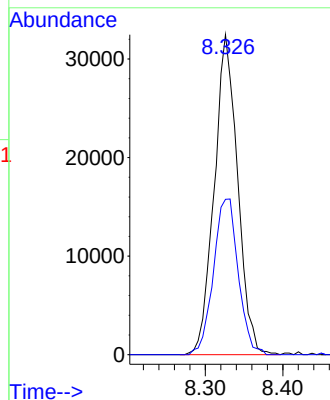
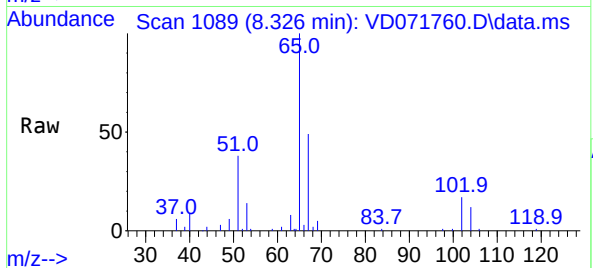




#33
1,2-Dichloroethane-d4
Concen: 88.523 ug/l
RT: 8.326 min Scan# 1090
Delta R.T. -0.006 min
Lab File: VD071760.D
Acq: 20 Jan 2022 13:37

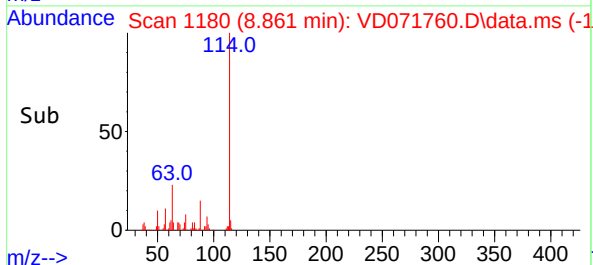
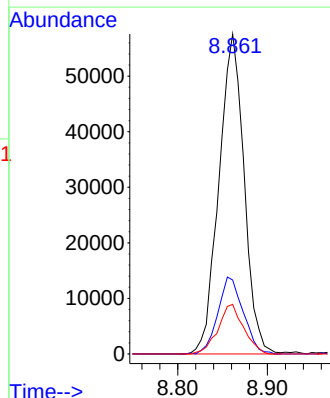
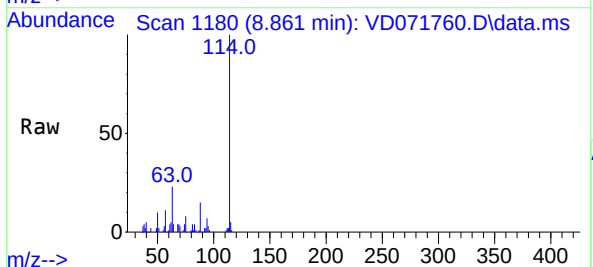
Instrument :
MSVOA_D
ClientSampleId :
72-11940RE

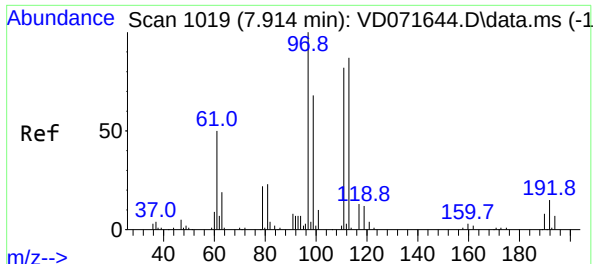
Tgt Ion: 65 Resp: 68030
Ion Ratio Lower Upper
65 100
67 51.6 0.0 101.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.006 min
Lab File: VD071760.D
Acq: 20 Jan 2022 13:37

Tgt Ion: 114 Resp: 112129
Ion Ratio Lower Upper
114 100
63 23.1 0.0 46.2
88 15.5 0.0 32.0

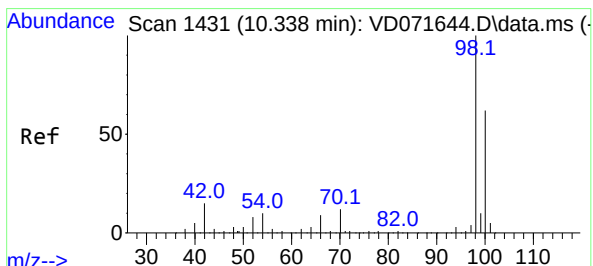
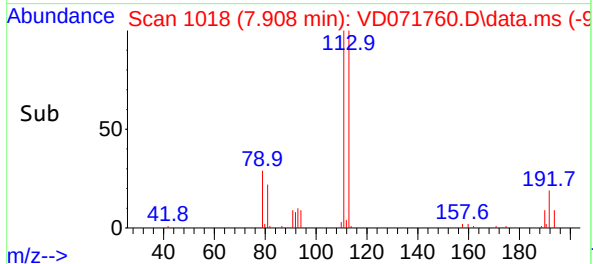
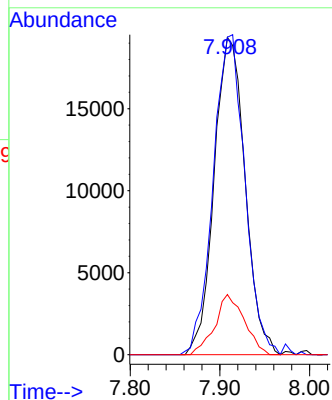
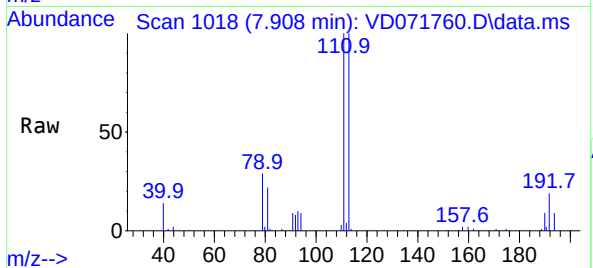




#35
Dibromofluoromethane
Concen: 62.529 ug/l
RT: 7.908 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD071760.D
Acq: 20 Jan 2022 13:37

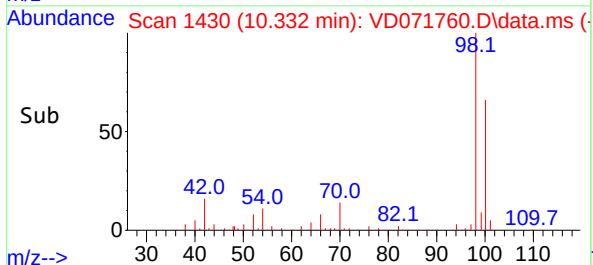
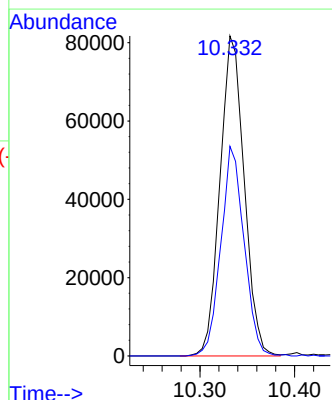
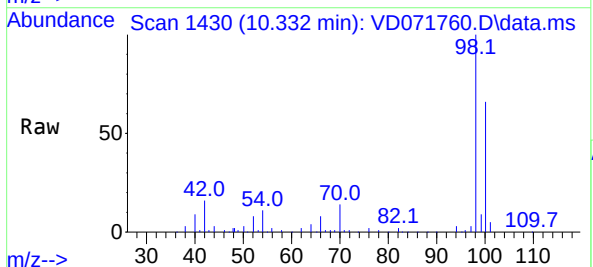
Instrument :
MSVOA_D
ClientSampleId :
72-11940RE

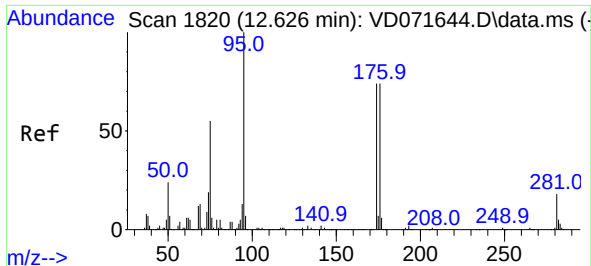
Tgt Ion:113 Resp: 46336
Ion Ratio Lower Upper
113 100
111 102.8 82.2 123.4
192 18.1 14.2 21.2



#50
Toluene-d8
Concen: 52.344 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.005 min
Lab File: VD071760.D
Acq: 20 Jan 2022 13:37

Tgt Ion: 98 Resp: 145199
Ion Ratio Lower Upper
98 100
100 63.0 52.1 78.1

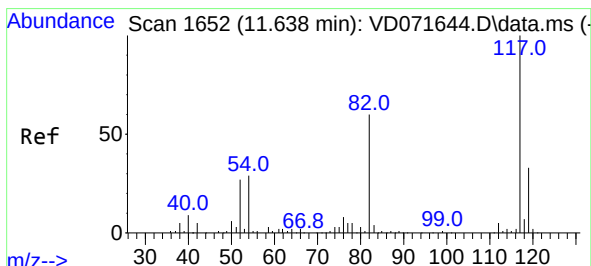
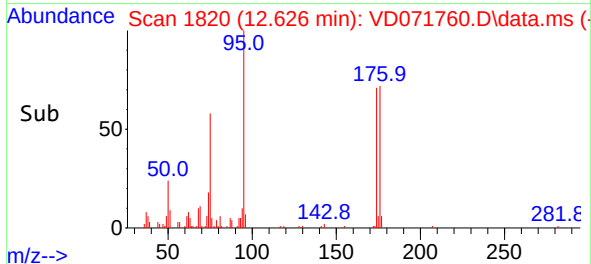
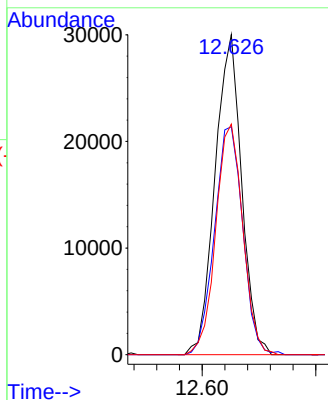
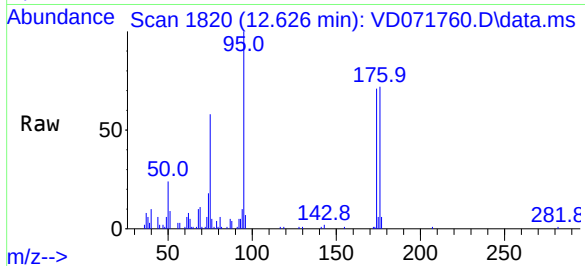




#62
4-Bromofluorobenzene
Concen: 49.769 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071760.D
Acq: 20 Jan 2022 13:37

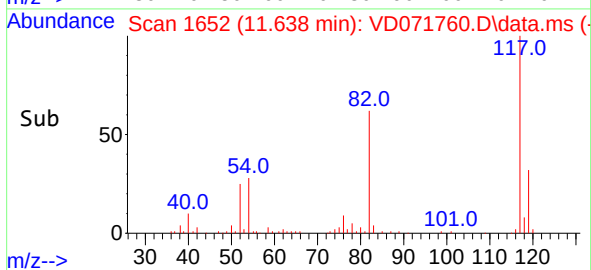
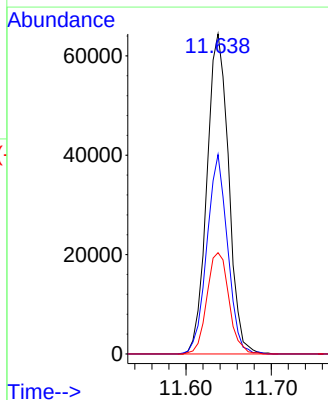
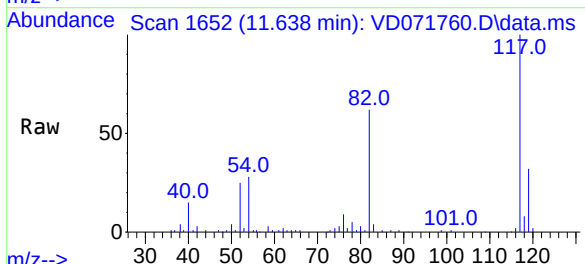
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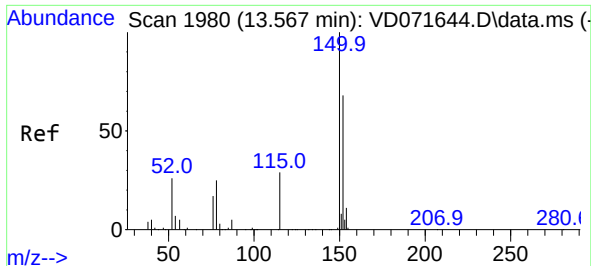
Tgt Ion:	95	Resp:	48647
Ion	Ratio	Lower	Upper
95	100		
174	76.0	0.0	150.0
176	73.5	0.0	146.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.001 min
Lab File: VD071760.D
Acq: 20 Jan 2022 13:37

Tgt Ion:	117	Resp:	113983
Ion	Ratio	Lower	Upper
117	100		
82	62.3	46.9	70.3
119	31.7	26.6	39.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.561 min Scan# 1979

Delta R.T. -0.006 min

Lab File: VD071760.D

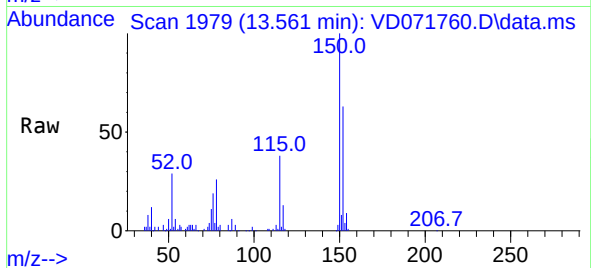
Acq: 20 Jan 2022 13:37

Instrument :

MSVOA_D

ClientSampleId :

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Tgt Ion:152 Resp: 49356

Ion Ratio Lower Upper

152 100

115 61.6 31.5 94.5

150 163.6 0.0 348.0

