

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031522\
 Data File : VD072190.D
 Acq On : 15 Mar 2022 15:49
 Operator : VA/SY
 Sample : N1905-01
 Misc : 3.88G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-14A-1C-(3.5-4.0)

Quant Time: Mar 16 01:00:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 14 05:18:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	30241	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	53862	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	61581	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	23430	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	32804	97.336	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	194.680%#
35) Dibromofluoromethane	7.909	113	25014	65.995	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	131.980%
50) Toluene-d8	10.332	98	67502	48.705	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.420%
62) 4-Bromofluorobenzene	12.620	95	24690	45.849	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	91.700%

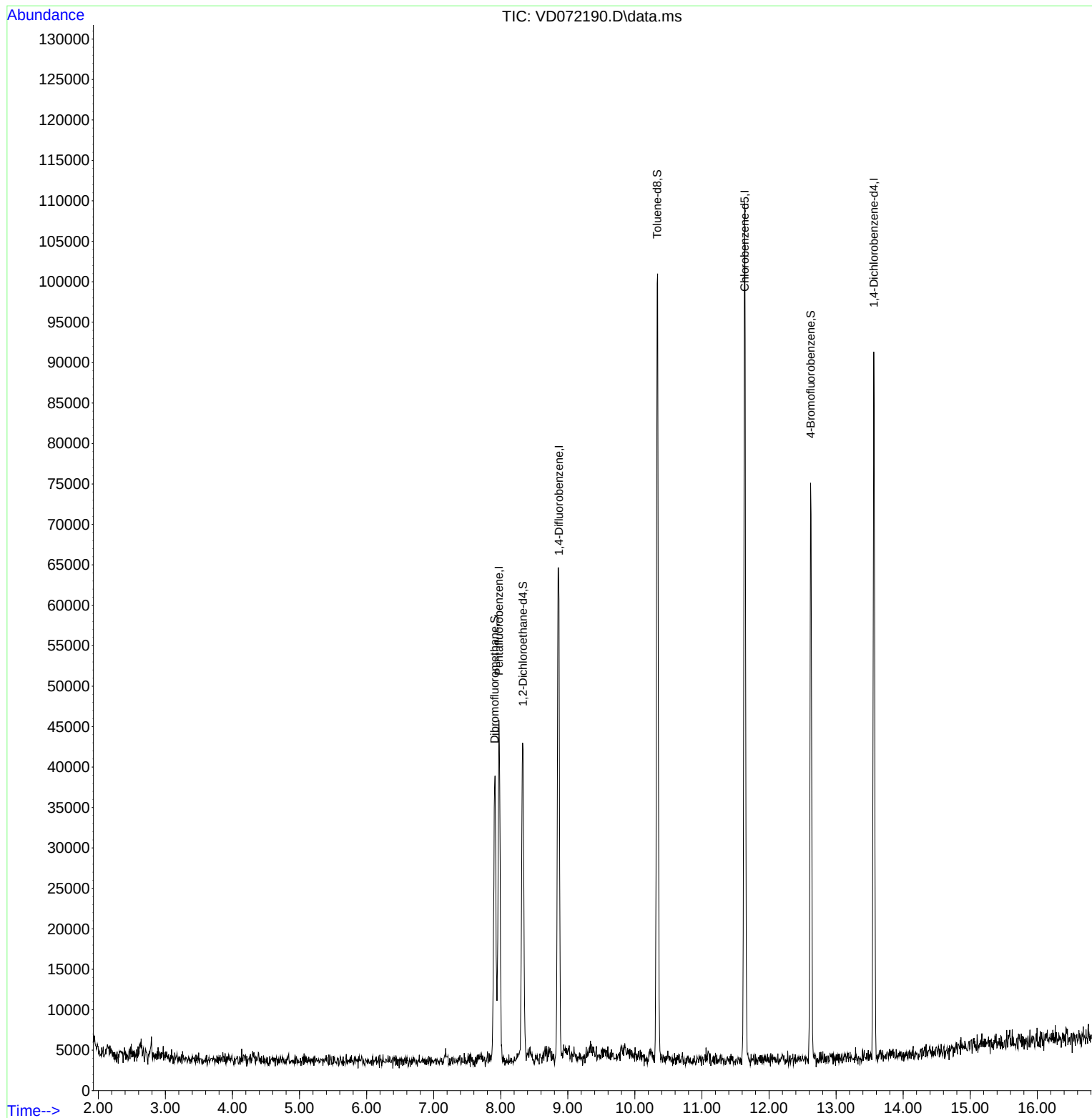
Target Compounds	Qvalue

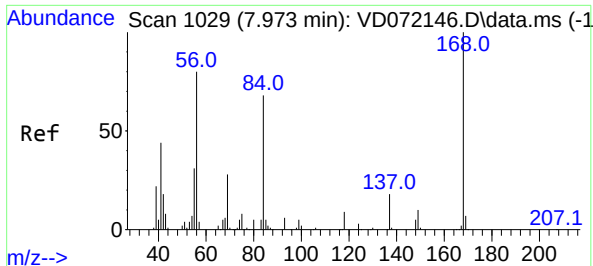
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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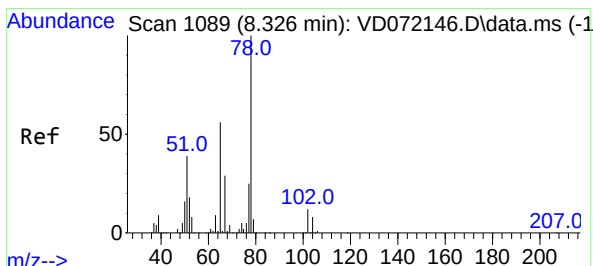
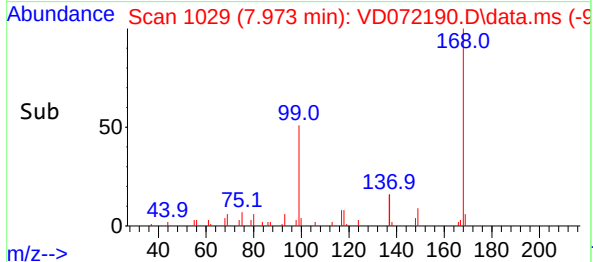
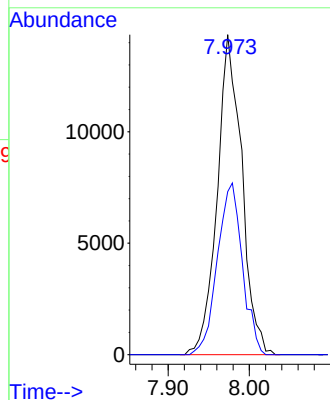
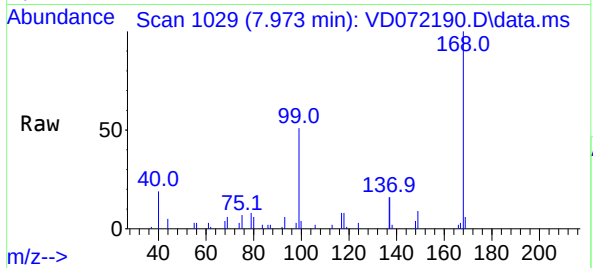




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD072190.D
Acq: 15 Mar 2022 15:49

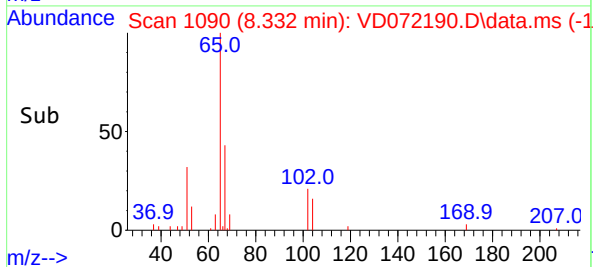
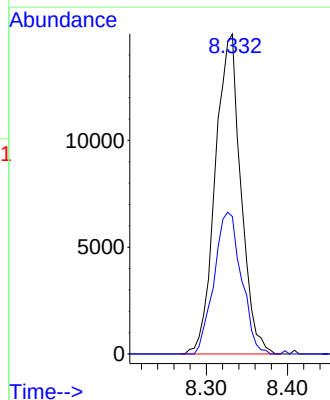
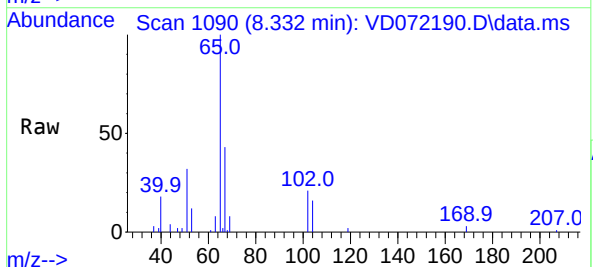
Instrument :
MSVOA_D
ClientSampleId :
WC-14A-1C-(3.5-4.0)

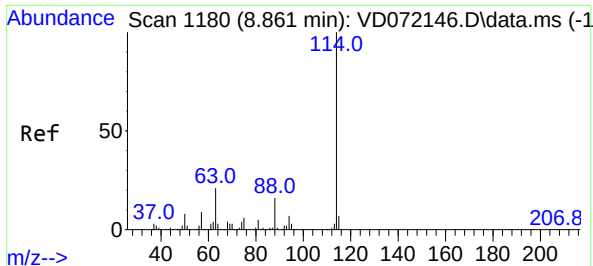
Tgt Ion:168 Resp: 30241
Ion Ratio Lower Upper
168 100
99 50.9 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 97.336 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD072190.D
Acq: 15 Mar 2022 15:49

Tgt Ion: 65 Resp: 32804
Ion Ratio Lower Upper
65 100
67 47.2 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.867 min Scan# 1180

Delta R.T. 0.006 min

Lab File: VD072190.D

Acq: 15 Mar 2022 15:49

Instrument :

MSVOA_D

ClientSampleId :

WC-14A-1C-(3.5-4.0)

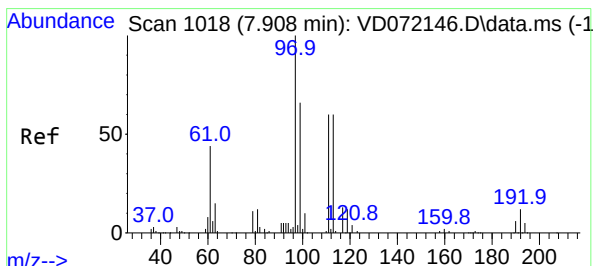
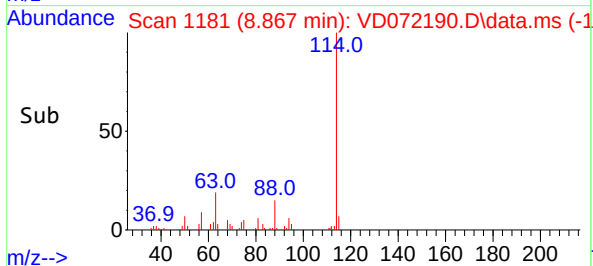
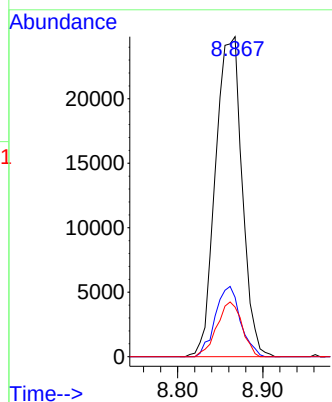
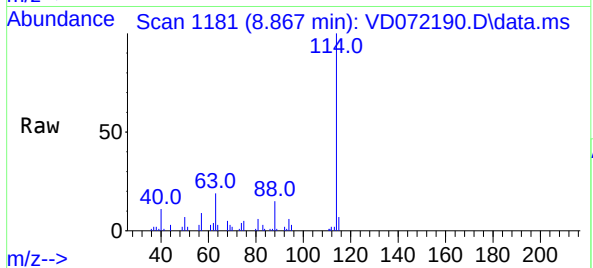
Tgt Ion:114 Resp: 53862

Ion Ratio Lower Upper

114 100

63 18.6 0.0 46.6

88 15.5 0.0 33.2



#35

Dibromofluoromethane

Concen: 65.995 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. 0.000 min

Lab File: VD072190.D

Acq: 15 Mar 2022 15:49

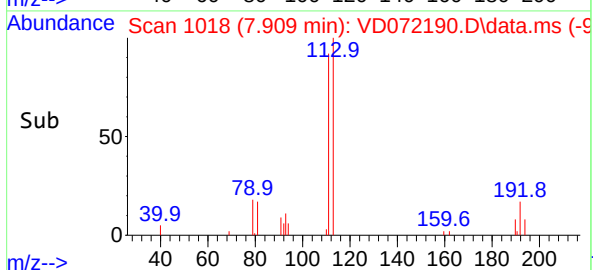
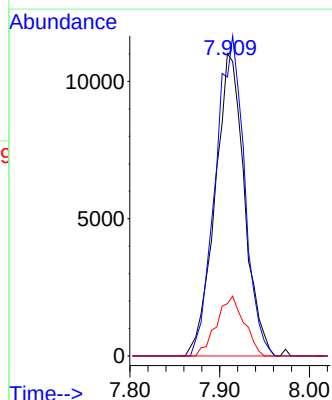
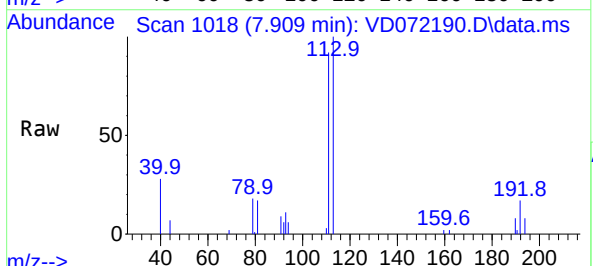
Tgt Ion:113 Resp: 25014

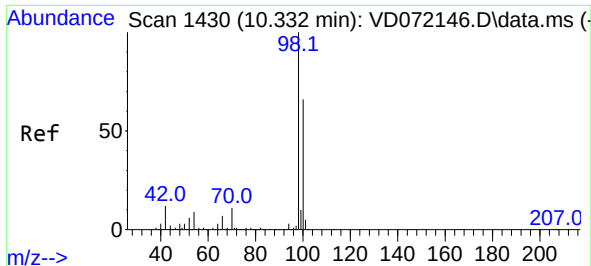
Ion Ratio Lower Upper

113 100

111 104.7 83.8 125.6

192 18.5 14.6 21.8

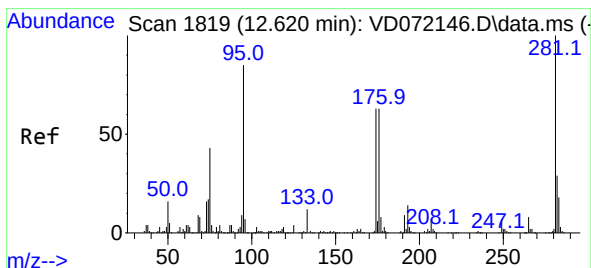
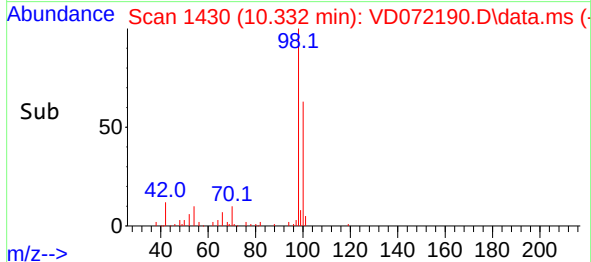
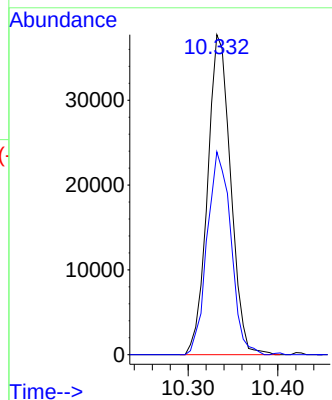
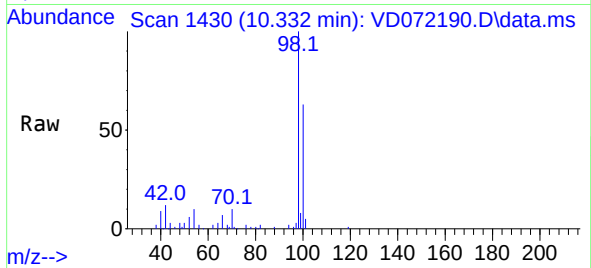




#50
Toluene-d8
Concen: 48.705 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD072190.D
Acq: 15 Mar 2022 15:49

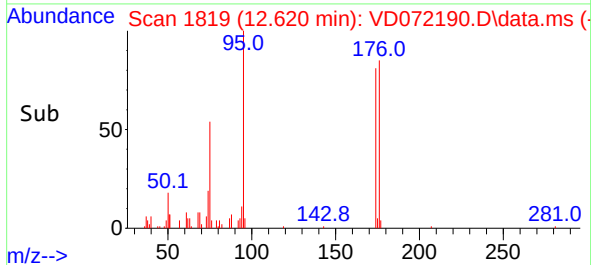
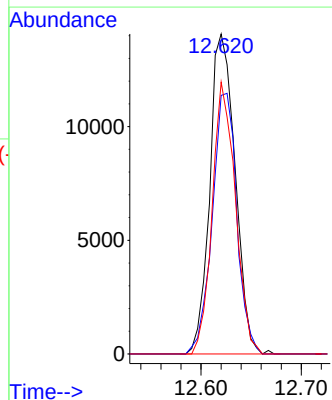
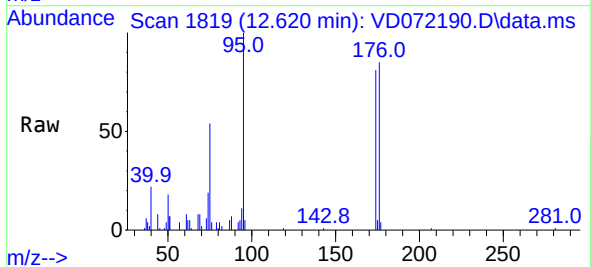
Instrument :
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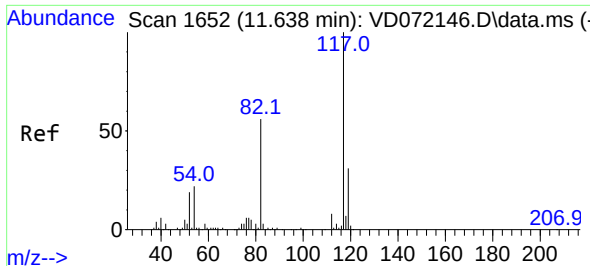
Tgt Ion: 98 Resp: 67502
Ion Ratio Lower Upper
98 100
100 65.2 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 45.849 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD072190.D
Acq: 15 Mar 2022 15:49

Tgt Ion: 95 Resp: 24690
Ion Ratio Lower Upper
95 100
174 78.9 0.0 152.8
176 77.7 0.0 145.4

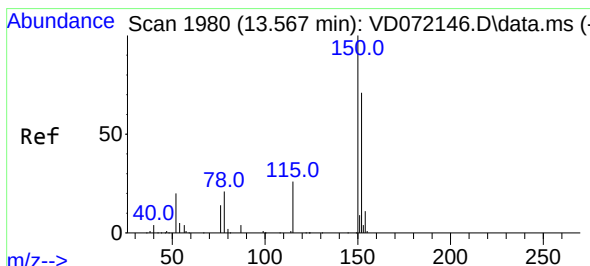
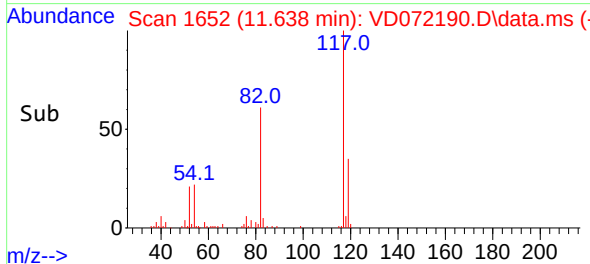
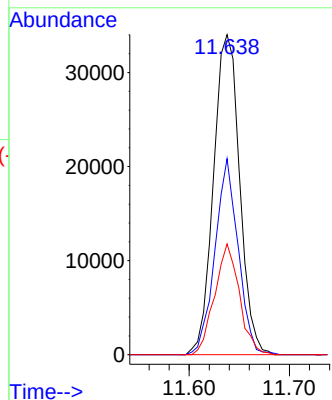
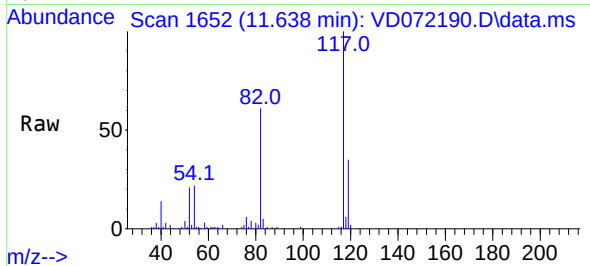




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VD072190.D
Acq: 15 Mar 2022 15:49

Instrument :
MSVOA_D
ClientSampleId :
WC-14A-1C-(3.5-4.0)

Tgt Ion:	117	Resp:	61581
Ion Ratio	Lower	Upper	
117	100		
82	61.3	45.3	67.9
119	34.6	26.6	40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD072190.D
Acq: 15 Mar 2022 15:49

Tgt Ion:	152	Resp:	23430
Ion Ratio	Lower	Upper	
152	100		
115	55.3	31.3	93.8
150	148.7	0.0	348.6

