

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020422\
 Data File : VD071904.D
 Acq On : 04 Feb 2022 17:50
 Operator : VA/SY
 Sample : N1401-07
 Misc : 4.29G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RO-124030

Quant Time: Feb 07 04:21:37 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)

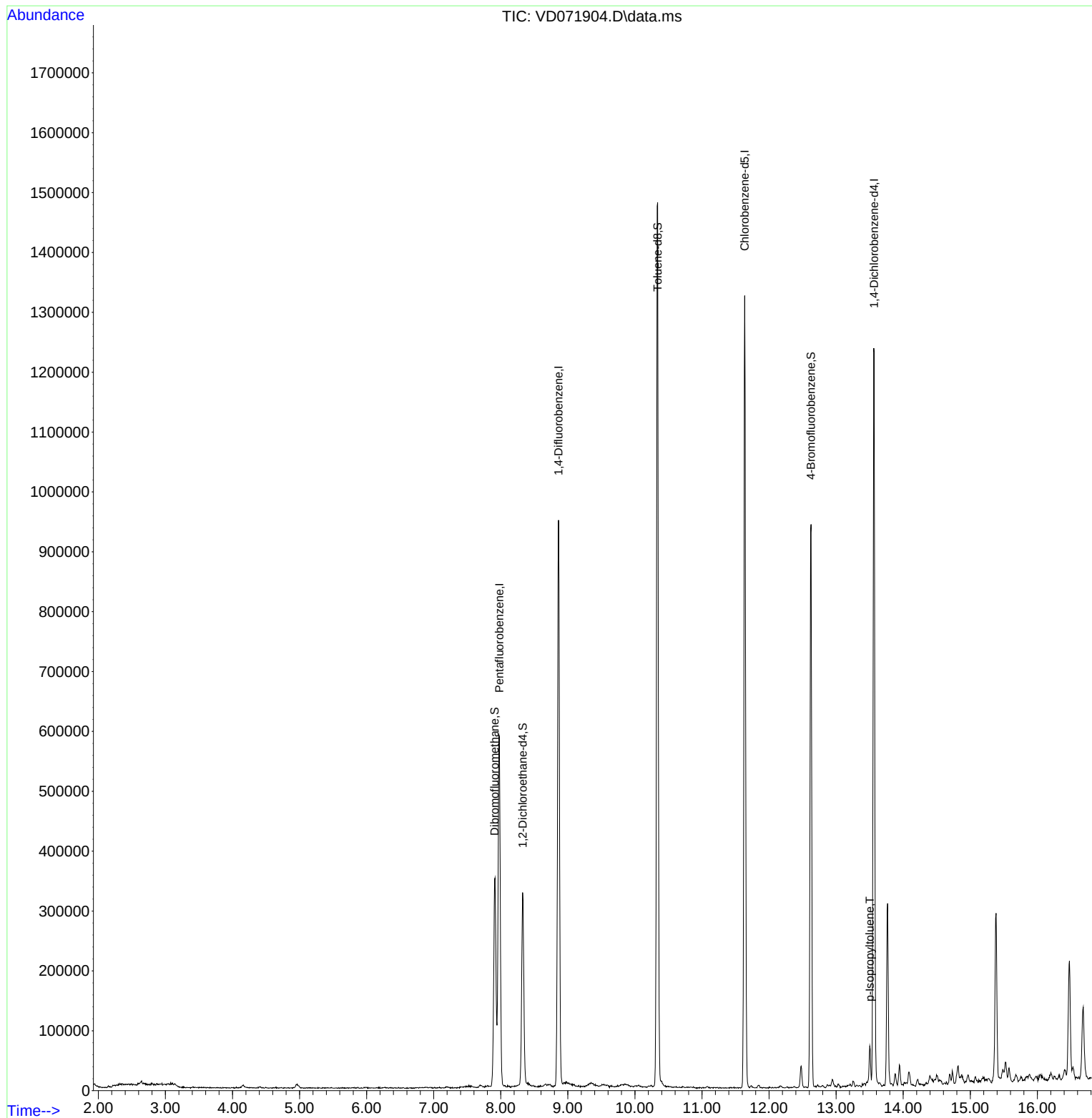
Internal Standards						
1) Pentafluorobenzene	7.979	168	407658	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	746164	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	702579	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	313206	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	254613	49.415	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.820%
35) Dibromofluoromethane	7.908	113	247840	50.531	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.060%
50) Toluene-d8	10.338	98	959836	52.400	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.800%
62) 4-Bromofluorobenzene	12.626	95	311810	48.745	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.500%
Target Compounds						
86) p-Isopropyltoluene	13.502	119	31607	1.491	ug/l	95

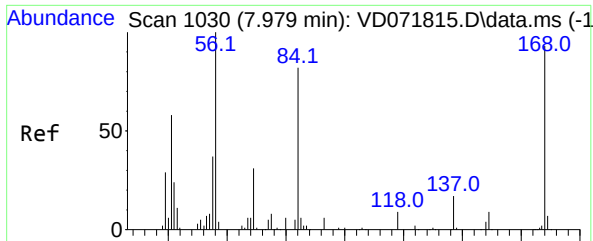
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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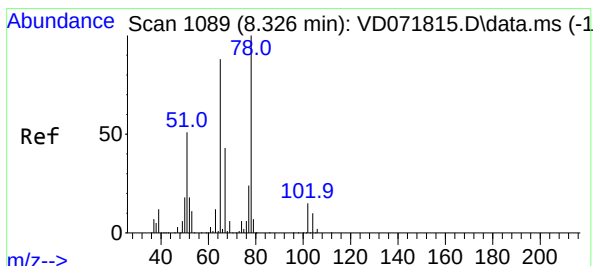
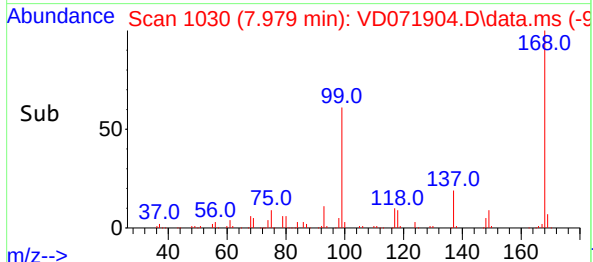
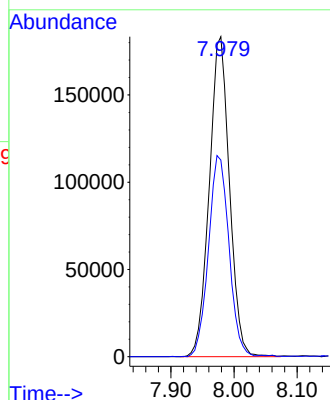
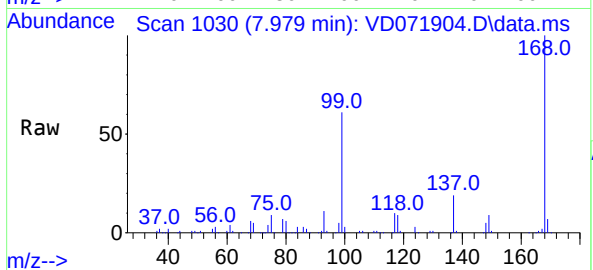




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD071904.D
Acq: 04 Feb 2022 17:50

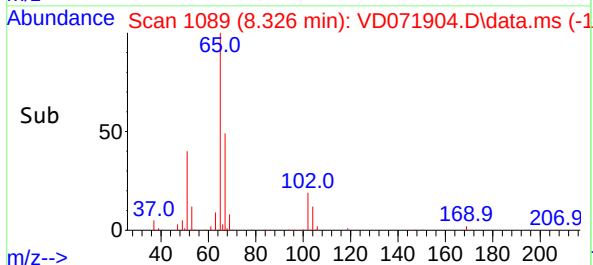
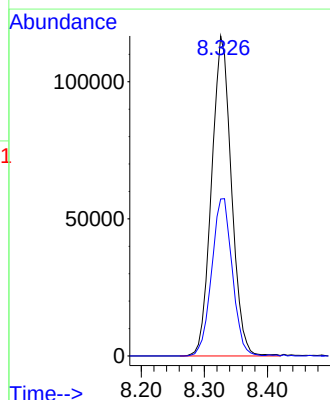
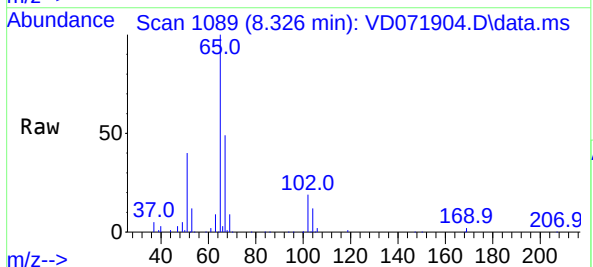
Instrument :
MSVOA_D
ClientSampleId :
RO-124030

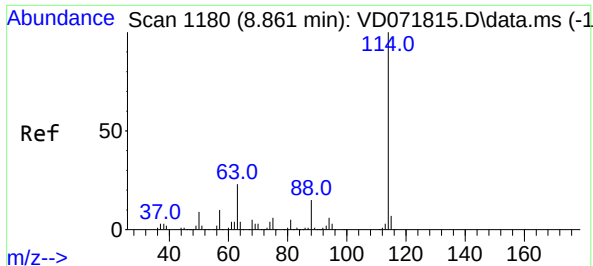
Tgt Ion:168 Resp: 407658
Ion Ratio Lower Upper
168 100
99 61.5 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 49.415 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD071904.D
Acq: 04 Feb 2022 17:50

Tgt Ion: 65 Resp: 254613
Ion Ratio Lower Upper
65 100
67 51.0 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: VD071904.D

Acq: 04 Feb 2022 17:50

Instrument :

MSVOA_D

ClientSampleId :

RO-124030

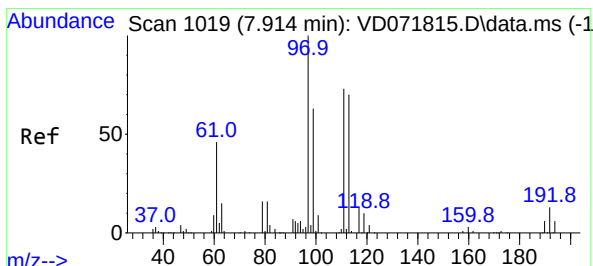
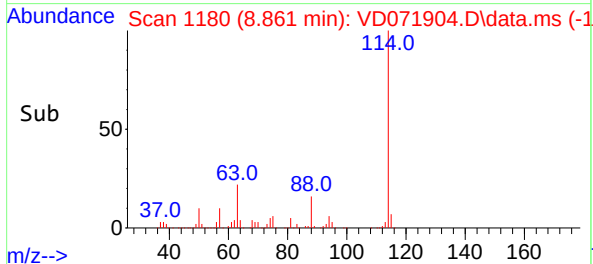
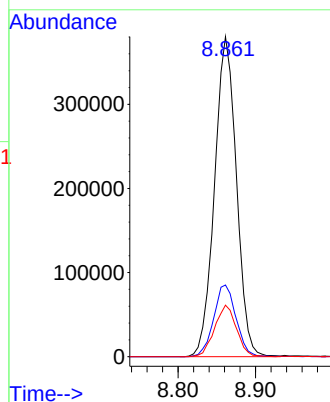
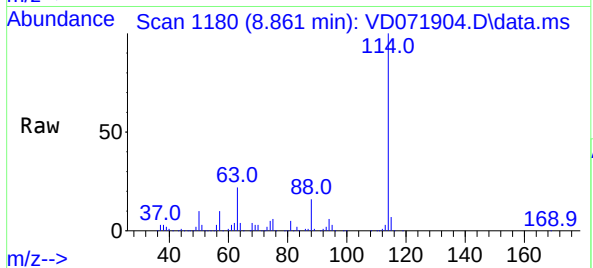
Tgt Ion:114 Resp: 746164

Ion Ratio Lower Upper

114 100

63 22.4 0.0 46.6

88 16.1 0.0 33.2



#35

Dibromofluoromethane

Concen: 50.531 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD071904.D

Acq: 04 Feb 2022 17:50

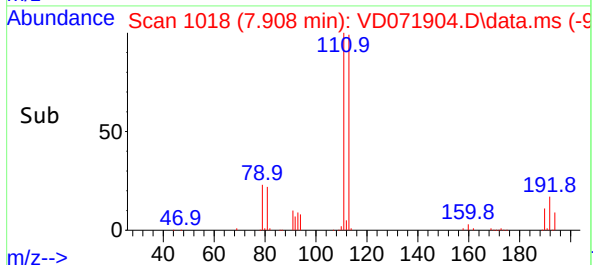
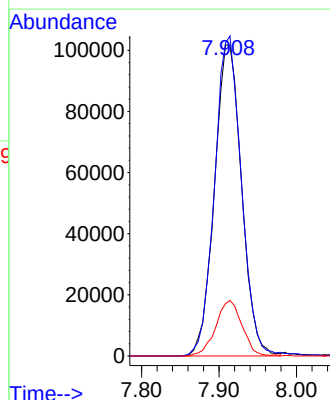
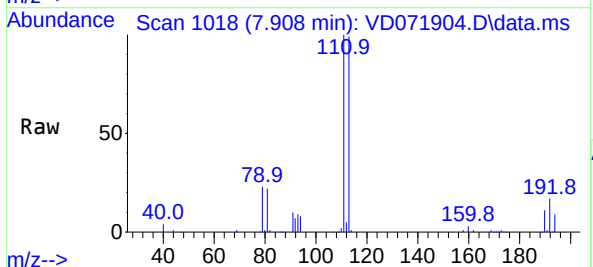
Tgt Ion:113 Resp: 247840

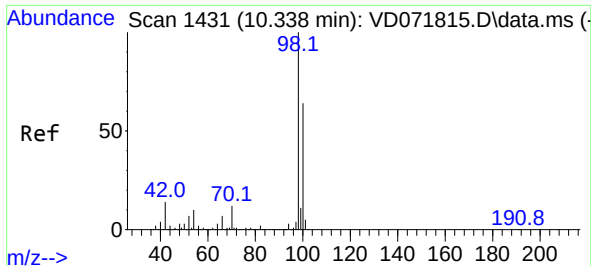
Ion Ratio Lower Upper

113 100

111 101.9 83.8 125.6

192 17.3 14.6 21.8

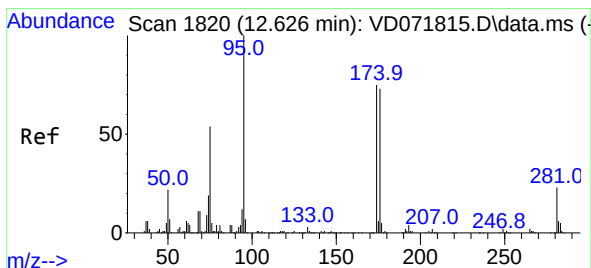
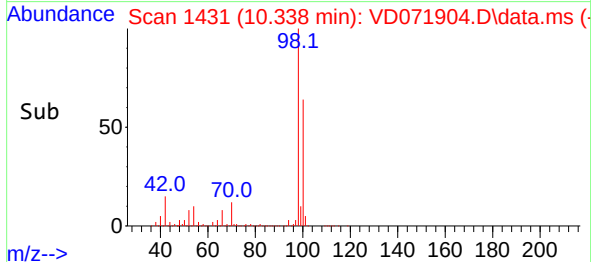
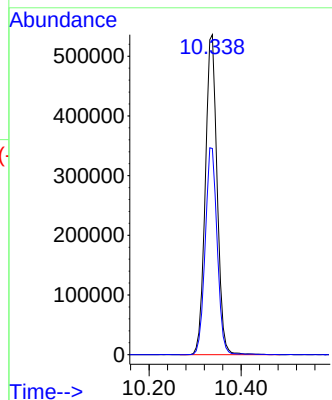
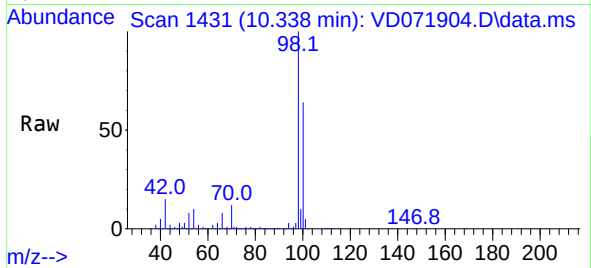




#50
Toluene-d8
Concen: 52.400 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD071904.D
Acq: 04 Feb 2022 17:50

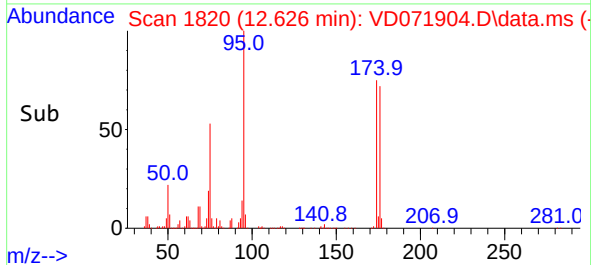
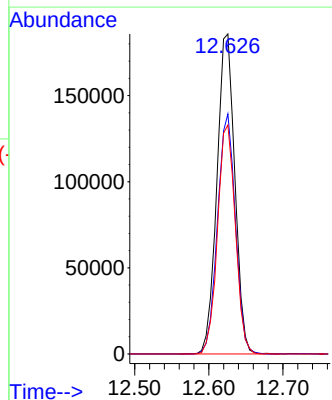
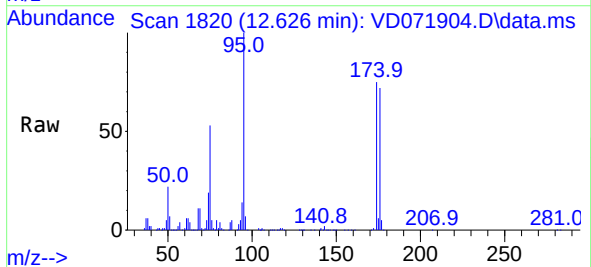
Instrument :
MSVOA_D
ClientSampleId :
RO-124030

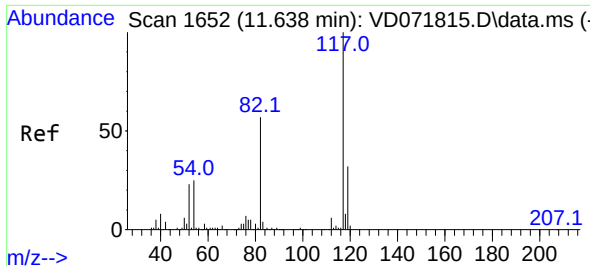
Tgt Ion: 98 Resp: 959836
Ion Ratio Lower Upper
98 100
100 65.4 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 48.745 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071904.D
Acq: 04 Feb 2022 17:50

Tgt Ion: 95 Resp: 311810
Ion Ratio Lower Upper
95 100
174 74.8 0.0 152.8
176 71.0 0.0 145.4

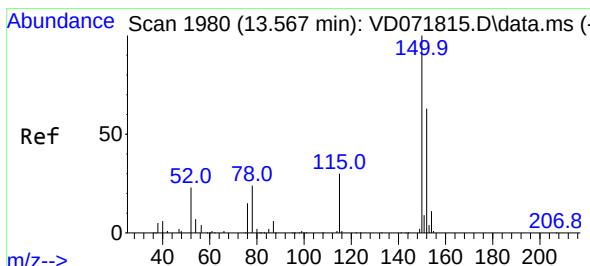
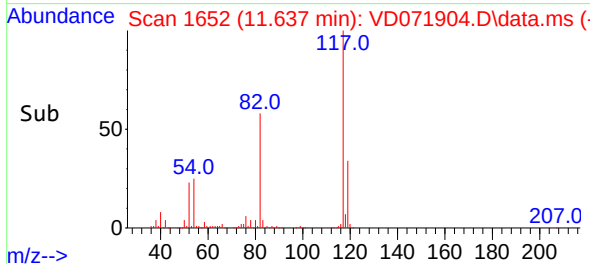
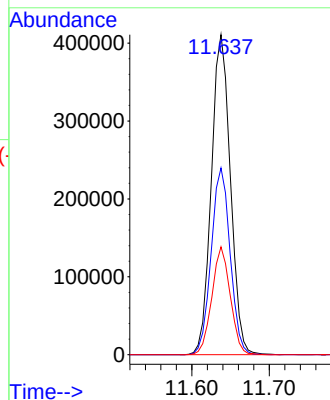
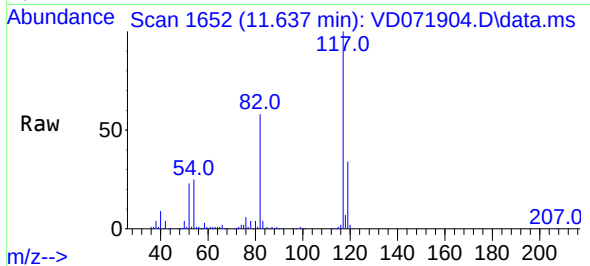




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VD071904.D
Acq: 04 Feb 2022 17:50

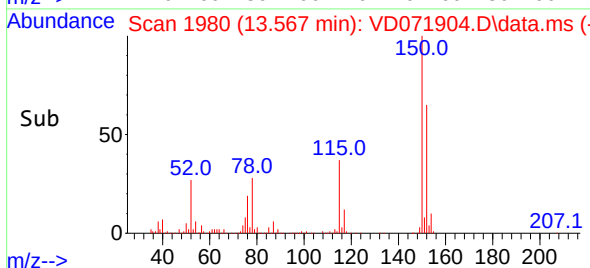
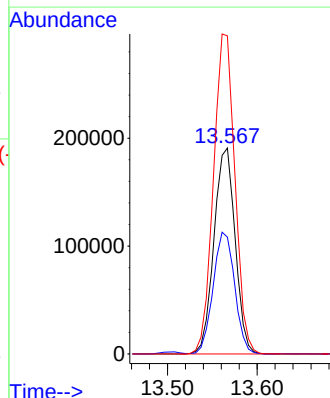
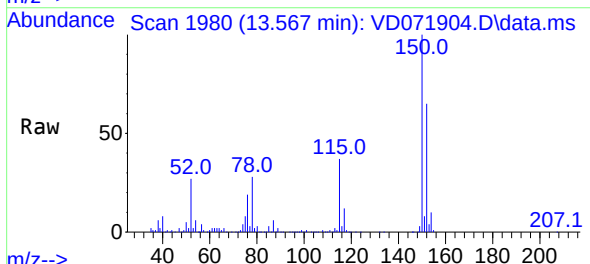
Instrument :
MSVOA_D
ClientSampleId :
RO-124030

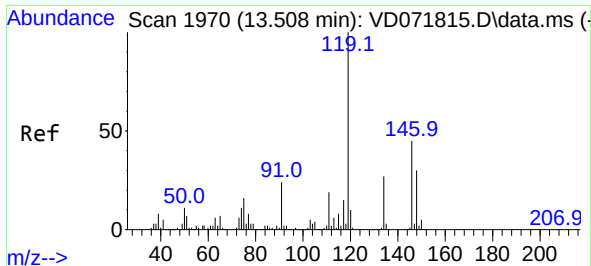
Tgt Ion:117 Resp: 702579
Ion Ratio Lower Upper
117 100
82 58.4 45.3 67.9
119 33.7 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD071904.D
Acq: 04 Feb 2022 17:50

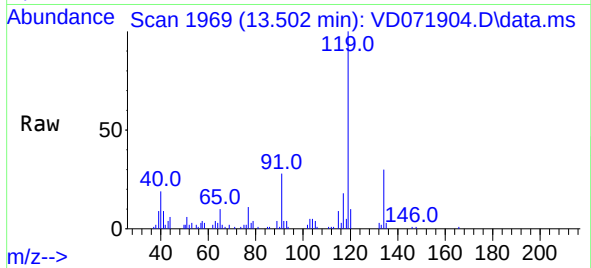
Tgt Ion:152 Resp: 313206
Ion Ratio Lower Upper
152 100
115 60.1 31.3 93.8
150 157.3 0.0 348.6





#86
 p-Isopropyltoluene
 Concen: 1.491 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. -0.000 min
 Lab File: VD071904.D
 Acq: 04 Feb 2022 17:50

Instrument :
 MSVOA_D
 ClientSampleId :
 RO-124030



Tgt Ion:119 Resp: 31607

Ion	Ratio	Lower	Upper
119	100		
134	26.3	12.9	38.6
91	28.5	12.1	36.3

