

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032322\
 Data File : VD072389.D
 Acq On : 23 Mar 2022 17:41
 Operator : VA/SY
 Sample : N2063-09
 Misc : 5.58G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-8-(10-10.5)

Quant Time: Mar 24 00:53:57 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	7.979	168	334782	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	571957	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	647680	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	337476	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	170476	45.692	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.380%
35) Dibromofluoromethane	7.914	113	181450	45.082	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.160%
50) Toluene-d8	10.338	98	729521	49.570	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.140%
62) 4-Bromofluorobenzene	12.626	95	341383	59.699	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	119.400%

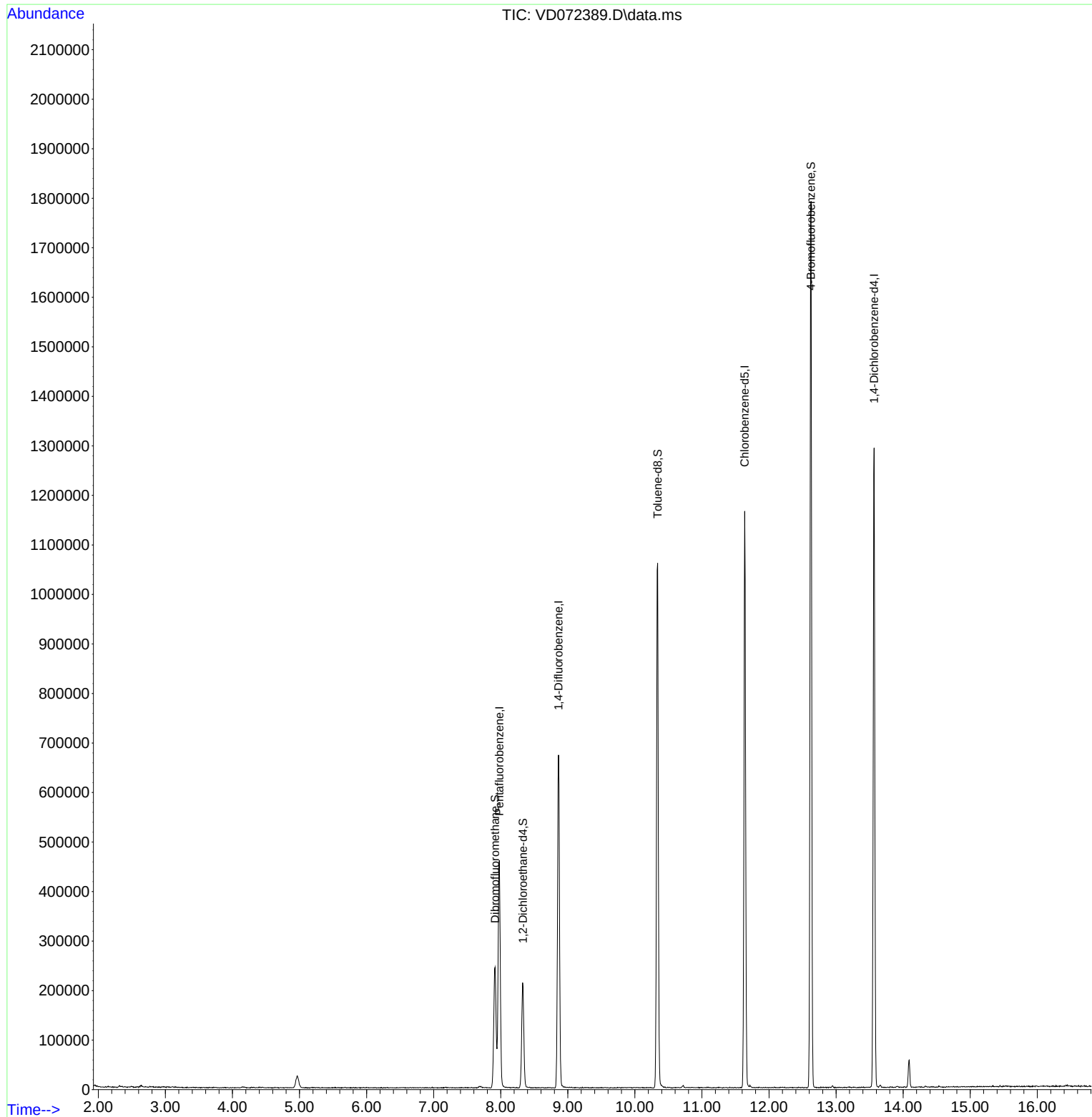
Target Compounds	Qvalue

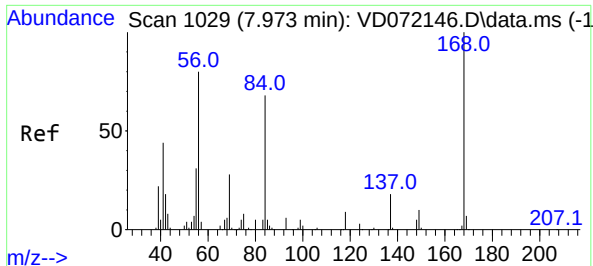
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032322\
Data File : VD072389.D
Acq On : 23 Mar 2022 17:41
Operator : VA/SY
Sample : N2063-09
Misc : 5.58G/5.00ml/MSVOA_D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
WC-8-(10-10.5)

Quant Time: Mar 24 00:53:57 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





Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.979 min Scan# 1029

Delta R.T. 0.006 min

Lab File: VD072389.D

Acq: 23 Mar 2022 17:41

Instrument :

MSVOA_D

ClientSampleId :

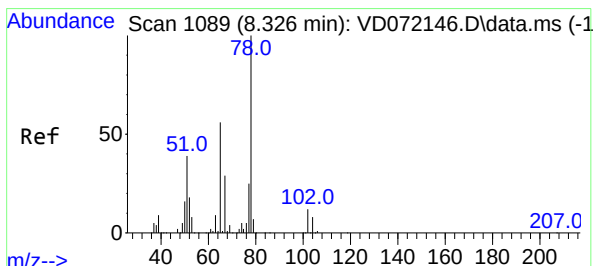
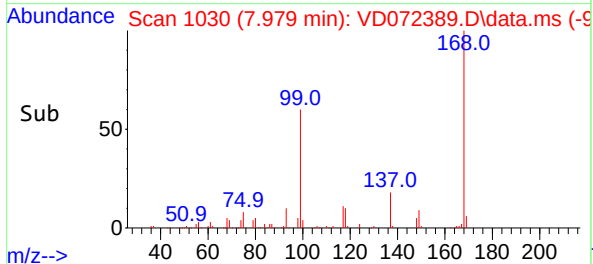
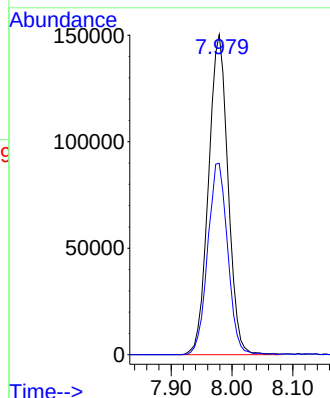
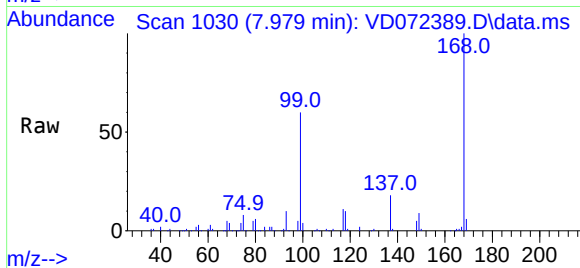
WC-8-(10-10.5)

Tgt Ion:168 Resp: 334782

Ion Ratio Lower Upper

168 100

99 59.8 49.8 74.6



1,2-Dichloroethane-d4

Concen: 45.692 ug/l

RT: 8.332 min Scan# 1090

Delta R.T. 0.006 min

Lab File: VD072389.D

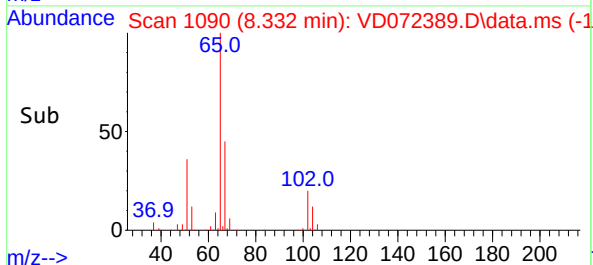
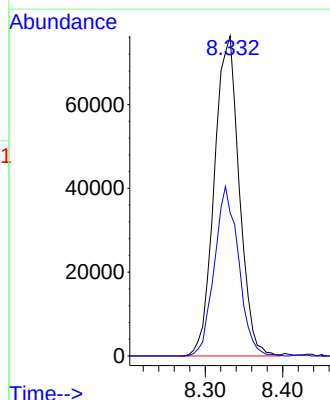
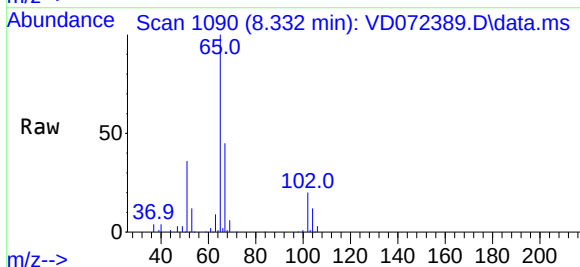
Acq: 23 Mar 2022 17:41

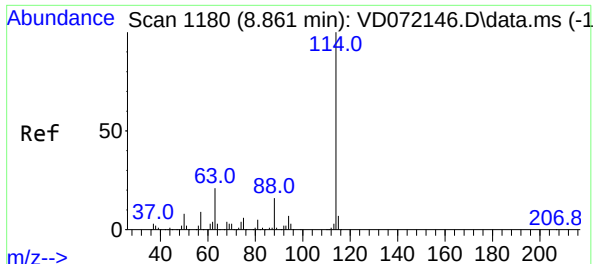
Tgt Ion: 65 Resp: 170476

Ion Ratio Lower Upper

65 100

67 51.5 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: VD072389.D

Acq: 23 Mar 2022 17:41

Instrument :

MSVOA_D

ClientSampleId :

WC-8-(10-10.5)

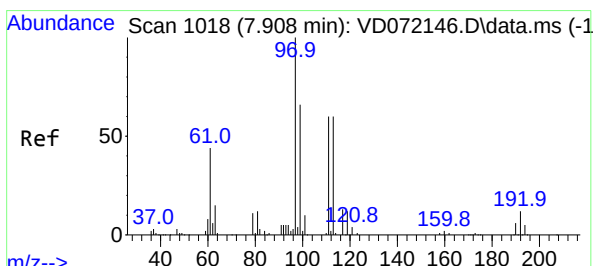
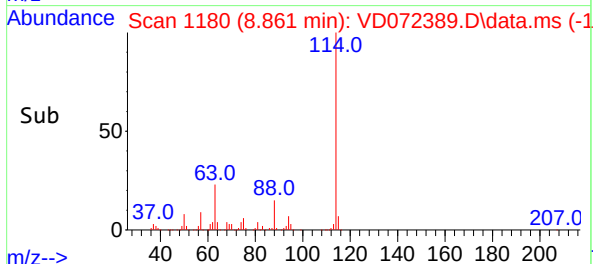
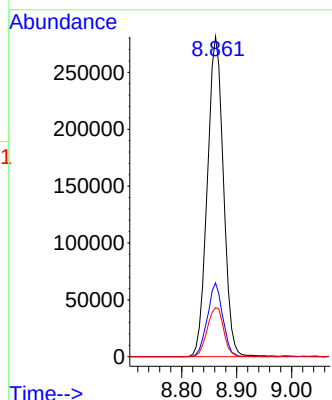
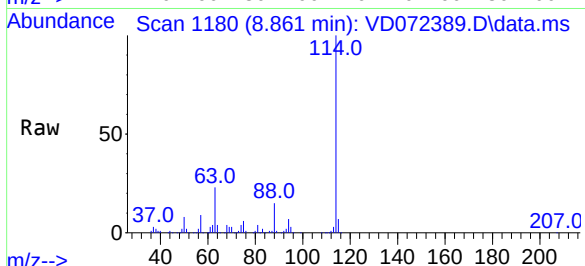
Tgt Ion:114 Resp: 571957

Ion Ratio Lower Upper

114 100

63 23.0 0.0 46.6

88 15.4 0.0 33.2



#35

Dibromofluoromethane

Concen: 45.082 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.006 min

Lab File: VD072389.D

Acq: 23 Mar 2022 17:41

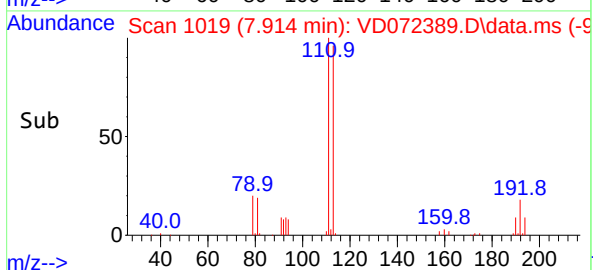
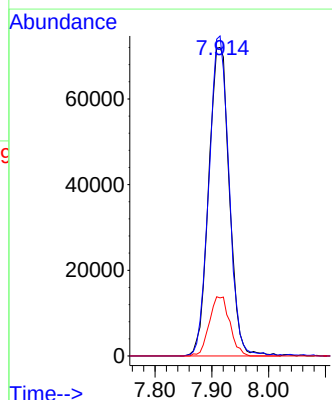
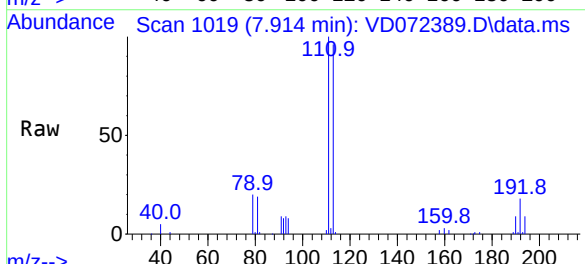
Tgt Ion:113 Resp: 181450

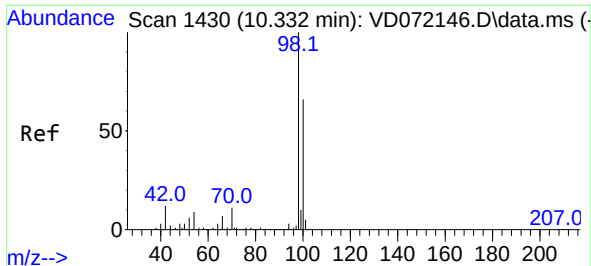
Ion Ratio Lower Upper

113 100

111 100.7 83.8 125.6

192 19.0 14.6 21.8

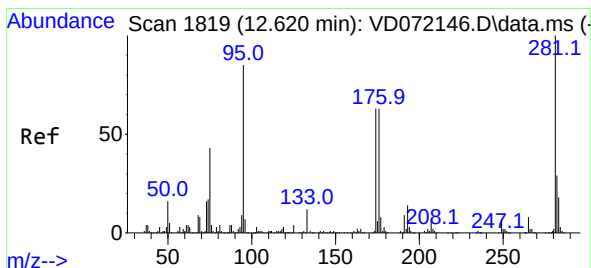
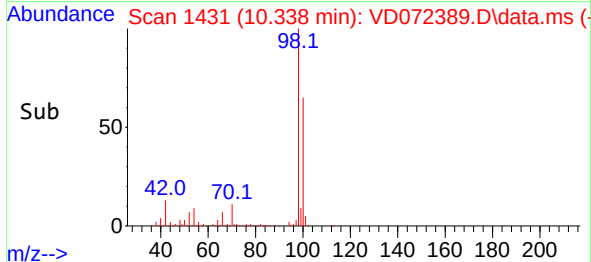
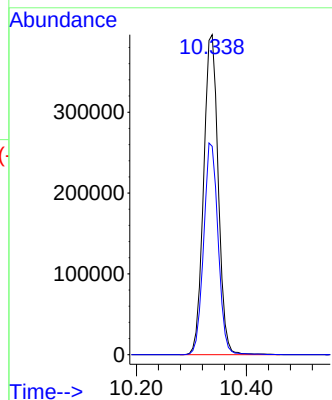
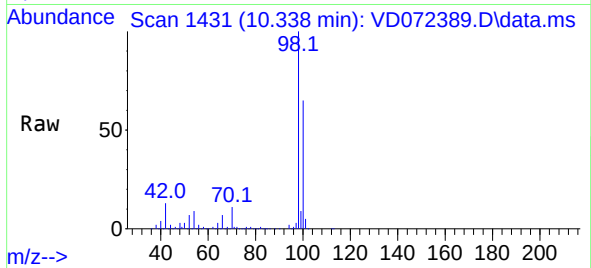




#50
Toluene-d8
Concen: 49.570 ug/l
RT: 10.338 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VD072389.D
Acq: 23 Mar 2022 17:41

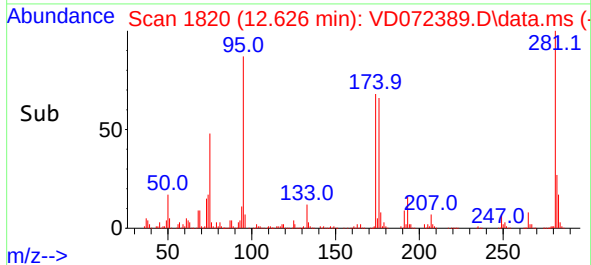
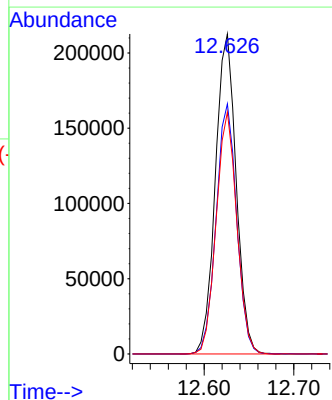
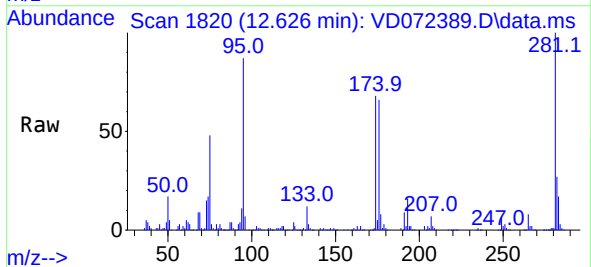
Instrument :
MSVOA_D
ClientSampleId :
WC-8-(10-10.5)

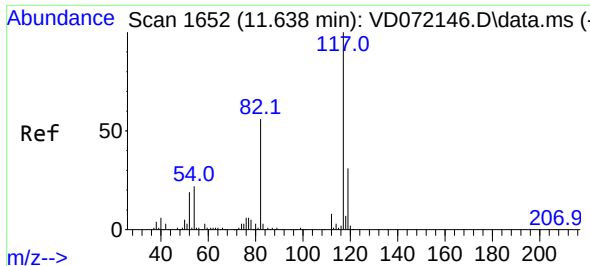
Tgt Ion: 98 Resp: 729521
Ion Ratio Lower Upper
98 100
100 65.5 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 59.699 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD072389.D
Acq: 23 Mar 2022 17:41

Tgt Ion: 95 Resp: 341383
Ion Ratio Lower Upper
95 100
174 77.3 0.0 152.8
176 75.0 0.0 145.4

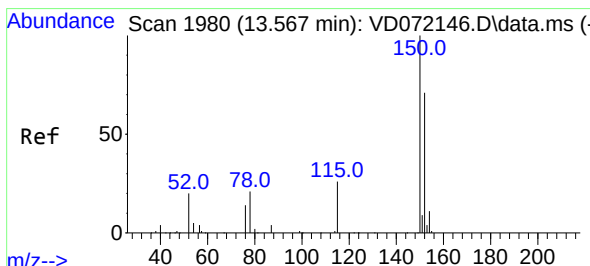
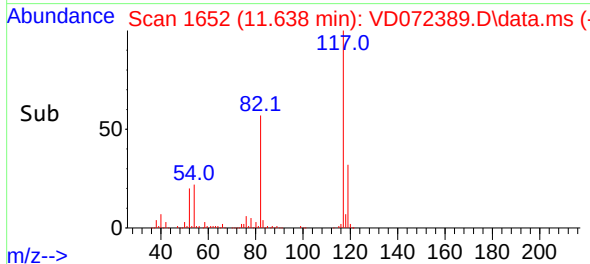
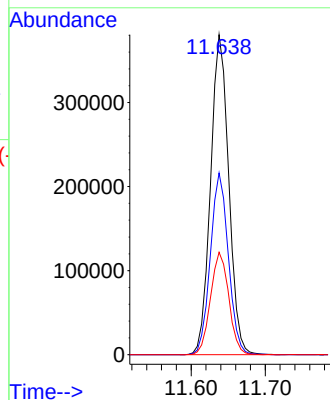
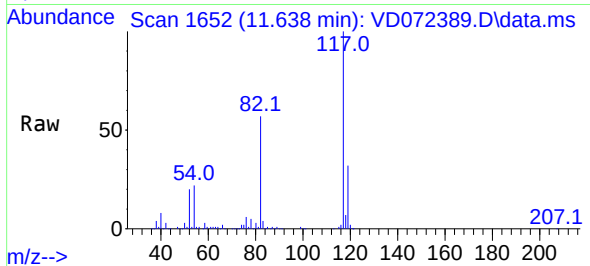




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD072389.D
Acq: 23 Mar 2022 17:41

Instrument :
MSVOA_D
ClientSampleId :
WC-8-(10-10.5)

Tgt Ion:117 Resp: 647680
Ion Ratio Lower Upper
117 100
82 56.8 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: VD072389.D
Acq: 23 Mar 2022 17:41

Tgt Ion:152 Resp: 337476
Ion Ratio Lower Upper
152 100
115 61.5 31.3 93.8
150 155.1 0.0 348.6

