

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032922\
 Data File : VD072466.D
 Acq On : 29 Mar 2022 16:17
 Operator : VA/SY
 Sample : VIBLK
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VIBLK

Quant Time: Mar 30 02:49:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D032922S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 30 02:44:36 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	511875	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	881554	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	1005590	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	526258	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	216221	34.919	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	69.840%
35) Dibromofluoromethane	7.908	113	267553	39.054	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	78.100%
50) Toluene-d8	10.338	98	1094354	45.954	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	91.900%
62) 4-Bromofluorobenzene	12.626	95	511982	55.049	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	110.100%

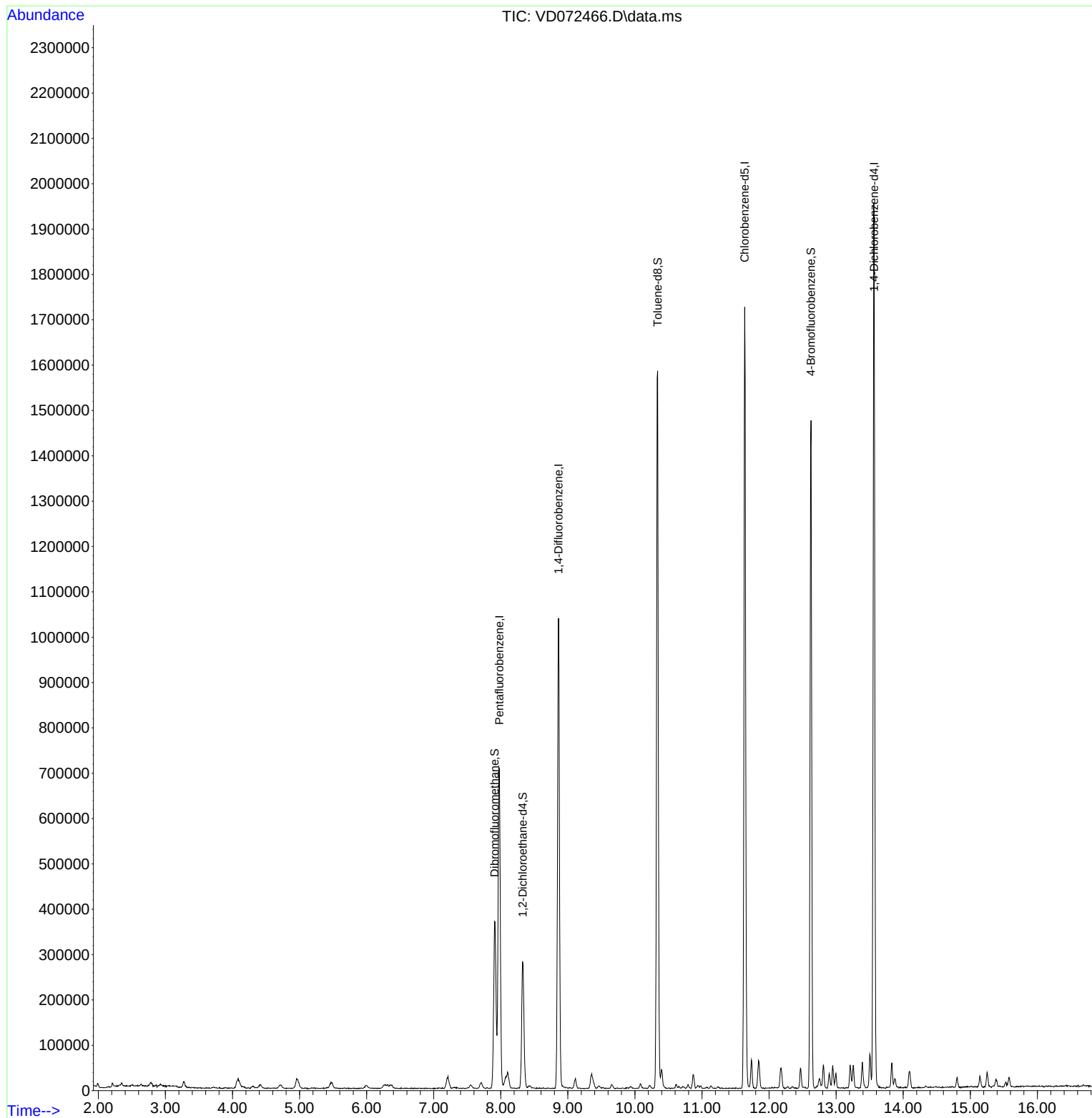
Target Compounds	Qvalue

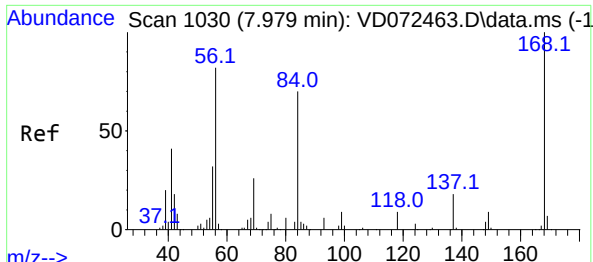
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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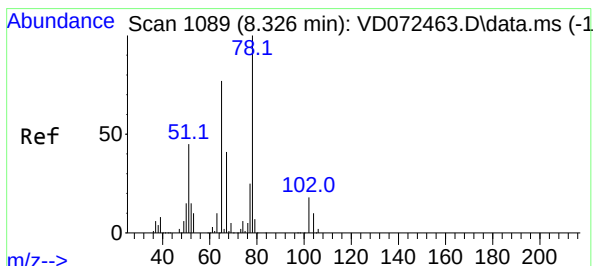
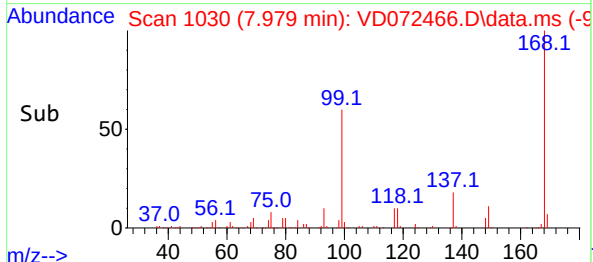
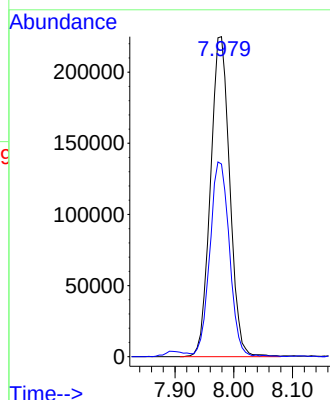
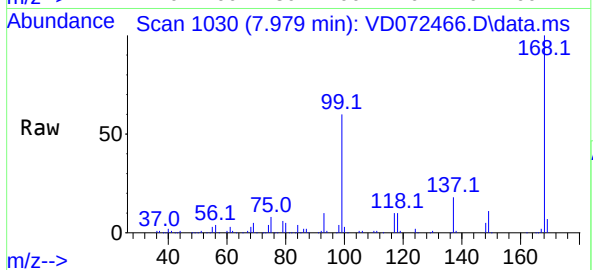




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD072466.D
Acq: 29 Mar 2022 16:17

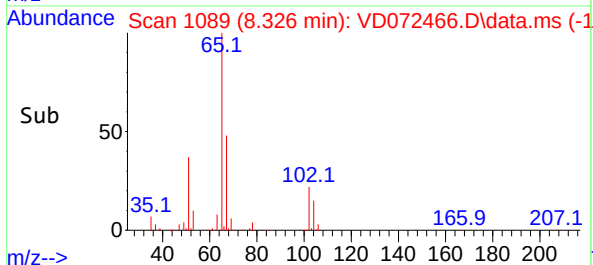
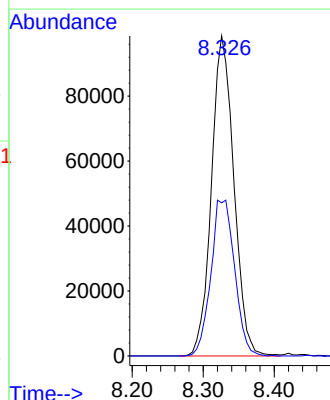
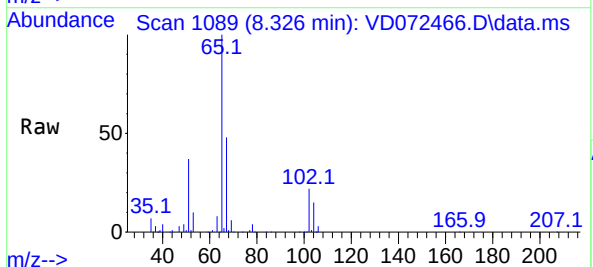
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

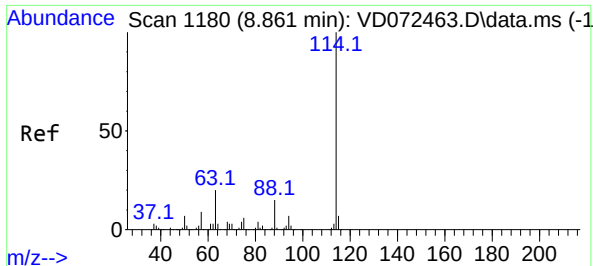
Tgt Ion:168 Resp: 511875
Ion Ratio Lower Upper
168 100
99 60.1 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 34.919 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD072466.D
Acq: 29 Mar 2022 16:17

Tgt Ion: 65 Resp: 216221
Ion Ratio Lower Upper
65 100
67 51.7 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: VD072466.D

Acq: 29 Mar 2022 16:17

Instrument :

MSVOA_D

ClientSampleId :

VIBLK

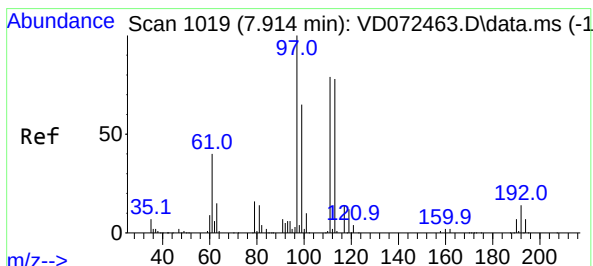
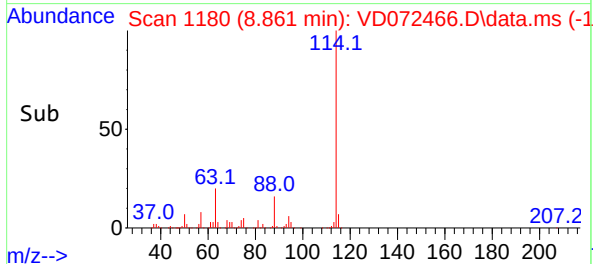
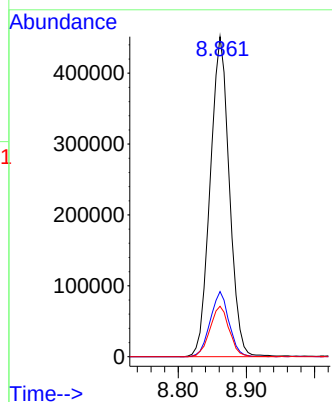
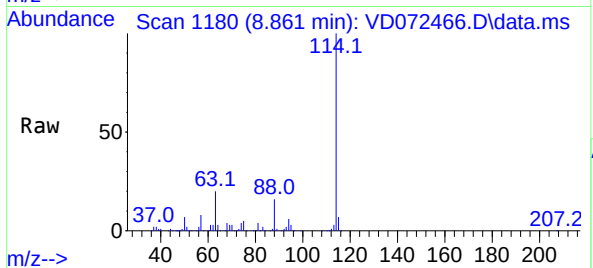
Tgt Ion:114 Resp: 881554

Ion Ratio Lower Upper

114 100

63 20.4 0.0 46.6

88 15.8 0.0 33.2



#35

Dibromofluoromethane

Concen: 39.054 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD072466.D

Acq: 29 Mar 2022 16:17

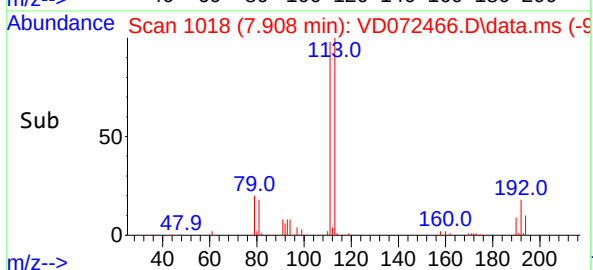
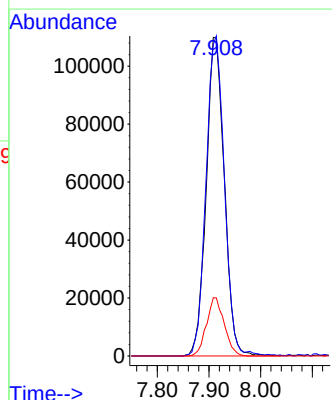
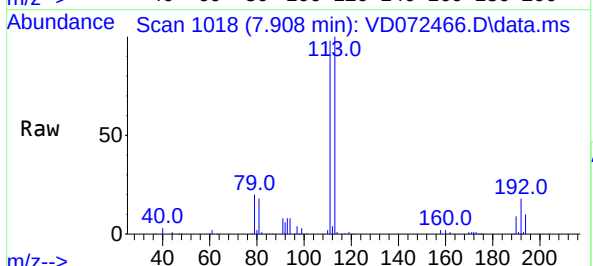
Tgt Ion:113 Resp: 267553

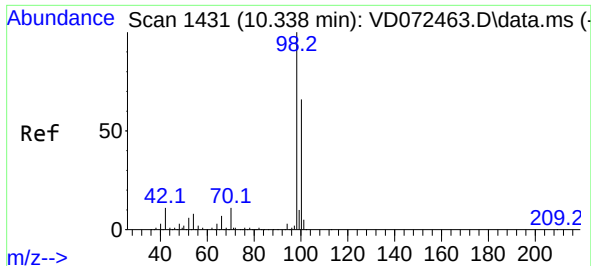
Ion Ratio Lower Upper

113 100

111 101.6 83.8 125.6

192 17.9 14.6 21.8

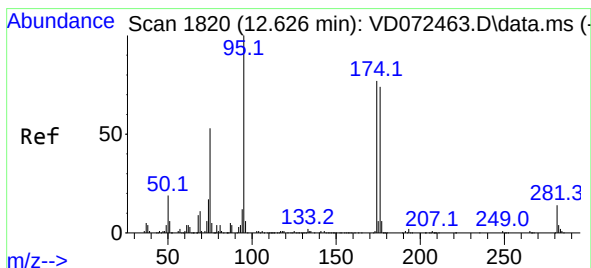
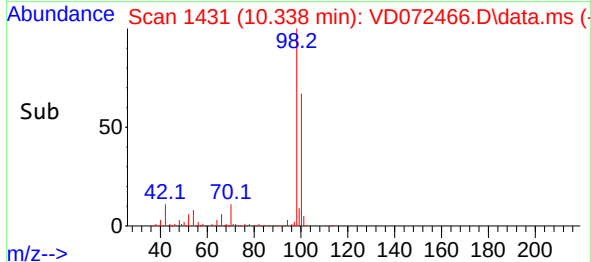
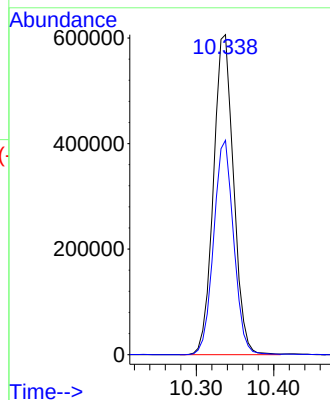
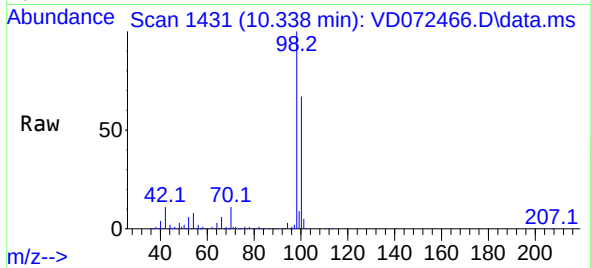




#50
Toluene-d8
Concen: 45.954 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD072466.D
Acq: 29 Mar 2022 16:17

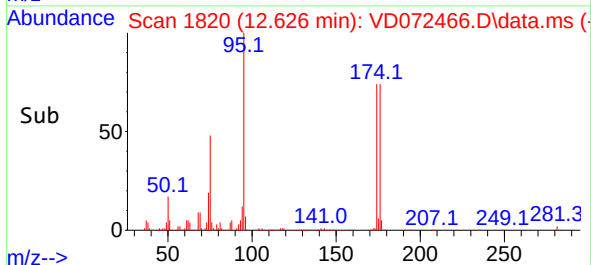
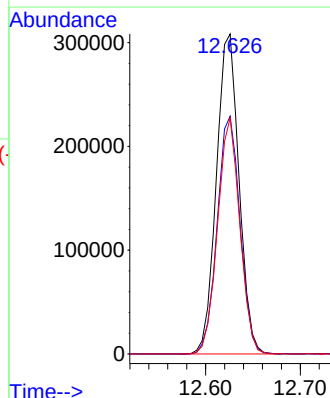
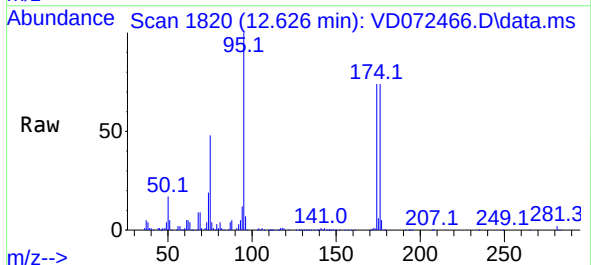
Instrument :
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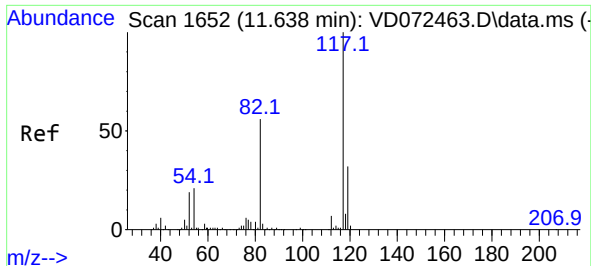
Tgt Ion: 98 Resp: 1094354
Ion Ratio Lower Upper
98 100
100 66.7 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 55.049 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD072466.D
Acq: 29 Mar 2022 16:17

Tgt Ion: 95 Resp: 511982
Ion Ratio Lower Upper
95 100
174 75.1 0.0 152.8
176 72.0 0.0 145.4

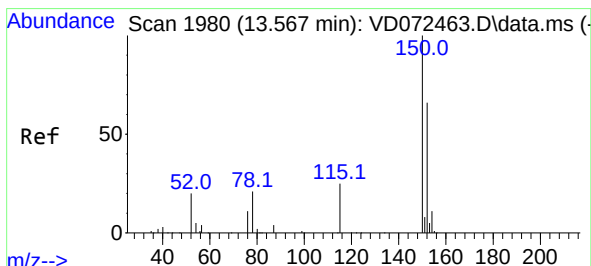
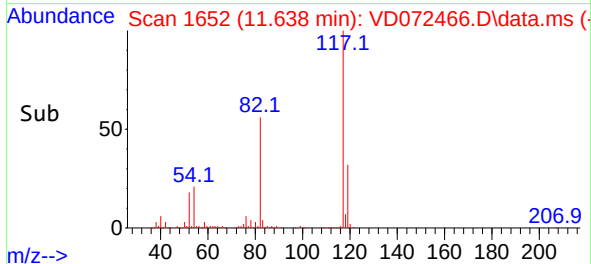
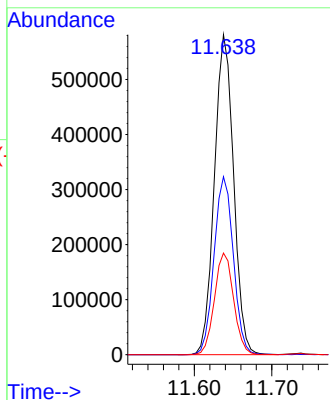
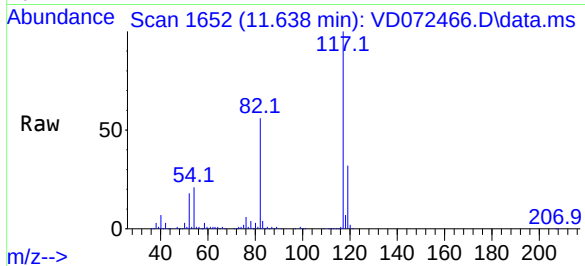




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD072466.D
Acq: 29 Mar 2022 16:17

Instrument :
MSVOA_D
ClientSampleId :
VIBLK

Tgt Ion:117 Resp: 1005590
Ion Ratio Lower Upper
117 100
82 55.6 45.3 67.9
119 31.8 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: VD072466.D
Acq: 29 Mar 2022 16:17

Tgt Ion:152 Resp: 526258
Ion Ratio Lower Upper
152 100
115 61.3 31.3 93.8
150 156.4 0.0 348.6

