

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062222\
 Data File : VD073661.D
 Acq On : 22 Jun 2022 18:16
 Operator : VA/SY
 Sample : N3421-06
 Misc : 4.17G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-3-23-25-20220620

Quant Time: Jun 23 09:29:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062022S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 21 05:24:45 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	228334	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	416292	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	394552	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	177257	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	139764	53.198	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	106.400%
35) Dibromofluoromethane	7.908	113	144003	47.684	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.360%
50) Toluene-d8	10.332	98	508666	47.059	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	94.120%
62) 4-Bromofluorobenzene	12.620	95	160936	40.600	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	81.200%

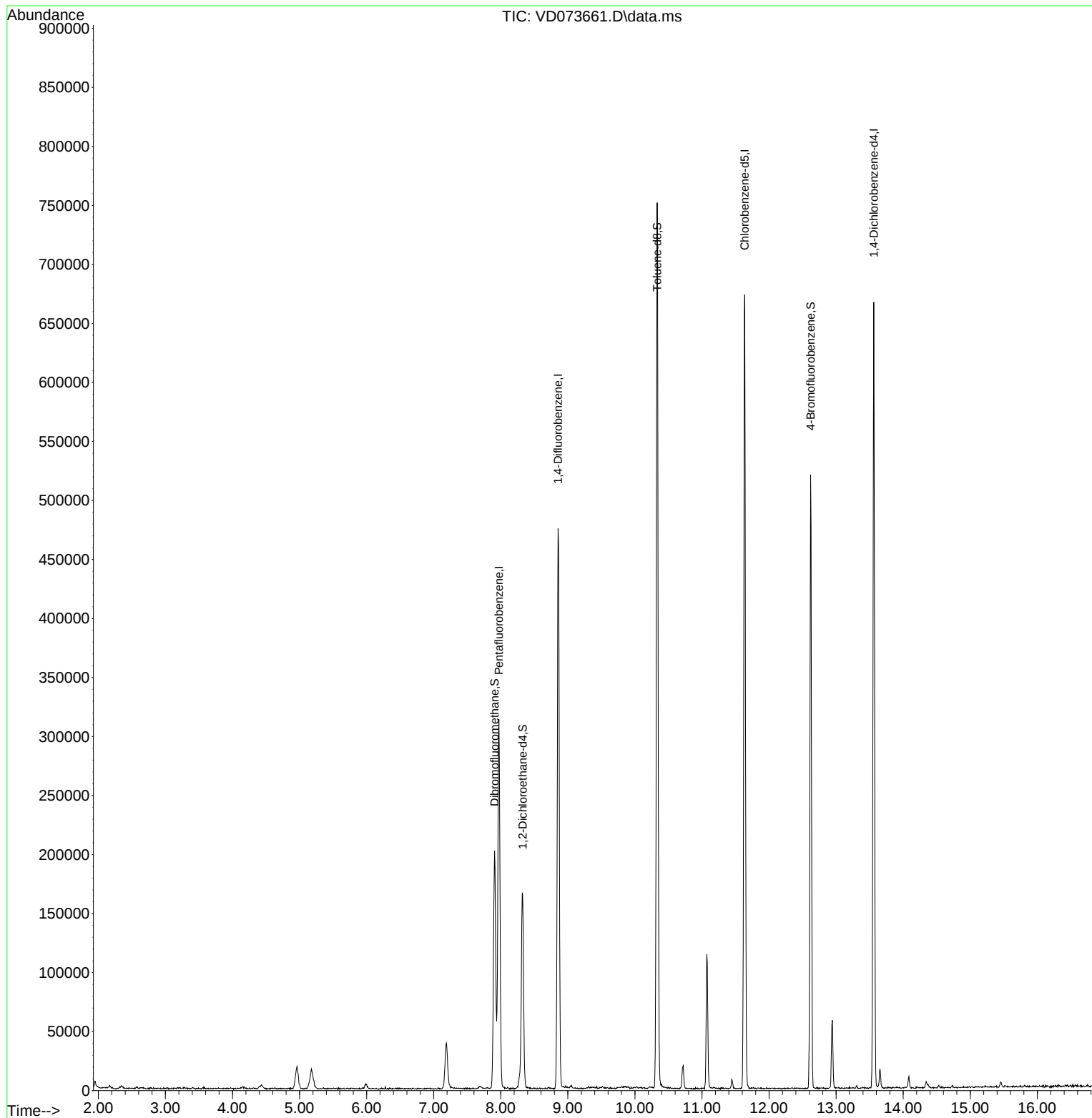
Target Compounds	Qvalue

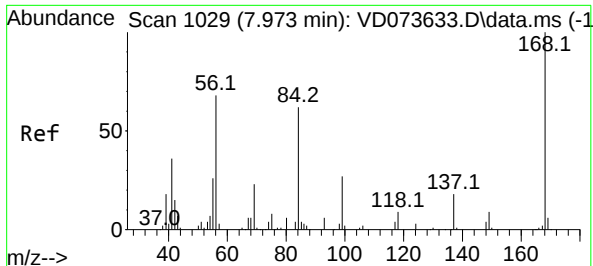
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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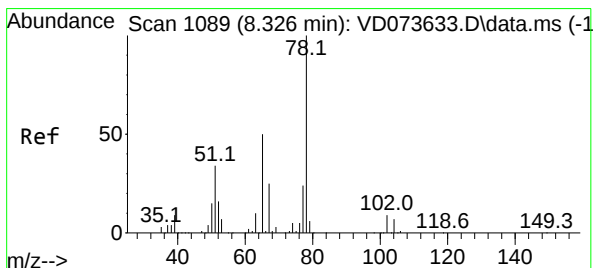
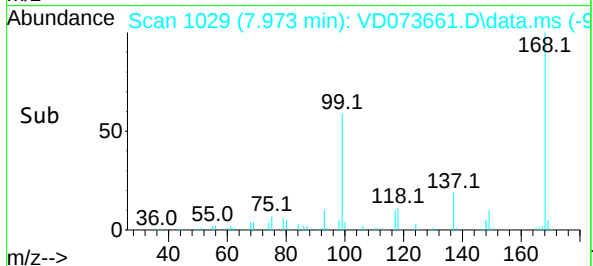
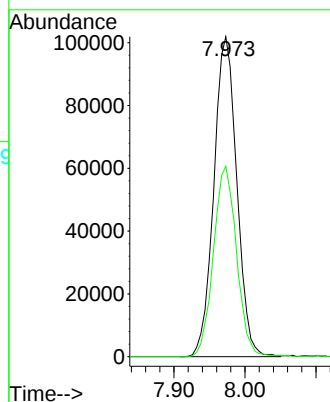
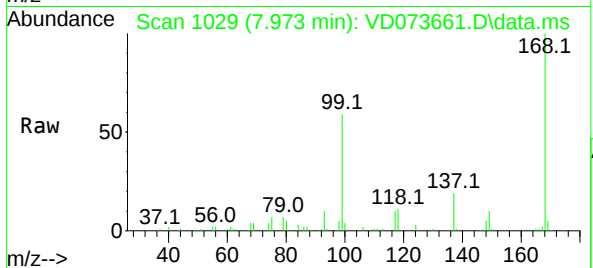




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073661.D
Acq: 22 Jun 2022 18:16

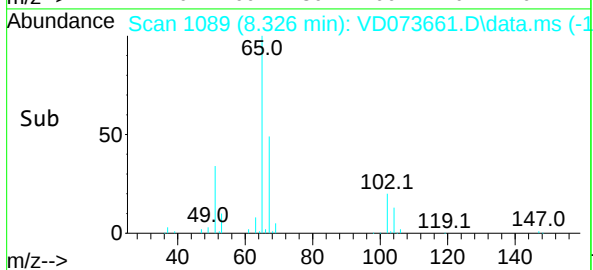
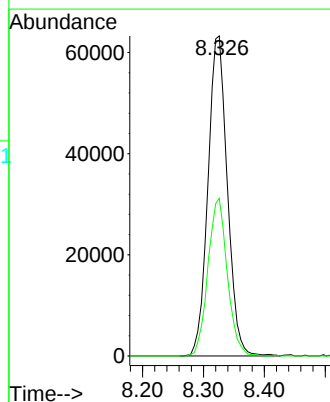
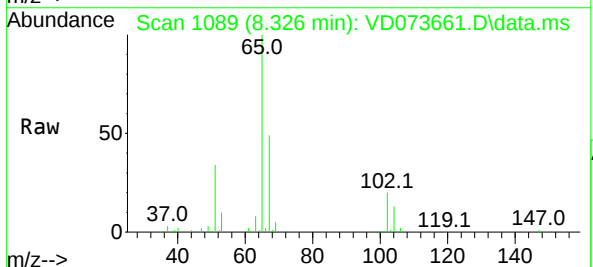
Instrument :
MSVOA_D
ClientSampleId :
SB-3-23-25-20220620

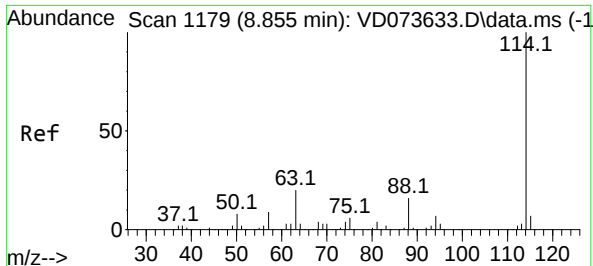
Tgt Ion:168 Resp: 228334
Ion Ratio Lower Upper
168 100
99 59.5 47.4 71.0



#33
1,2-Dichloroethane-d4
Concen: 53.198 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD073661.D
Acq: 22 Jun 2022 18:16

Tgt Ion: 65 Resp: 139764
Ion Ratio Lower Upper
65 100
67 49.2 0.0 102.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VD073661.D

Acq: 22 Jun 2022 18:16

Instrument :

MSVOA_D

ClientSampleId :

SB-3-23-25-20220620

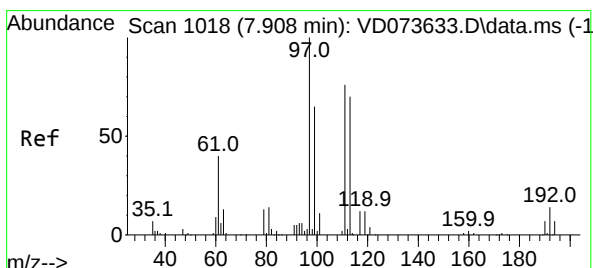
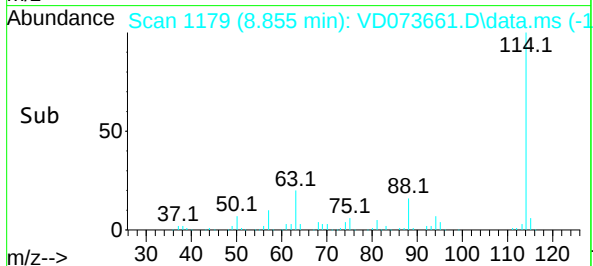
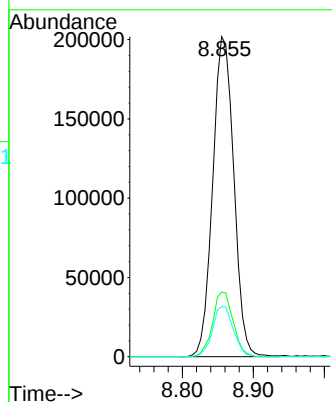
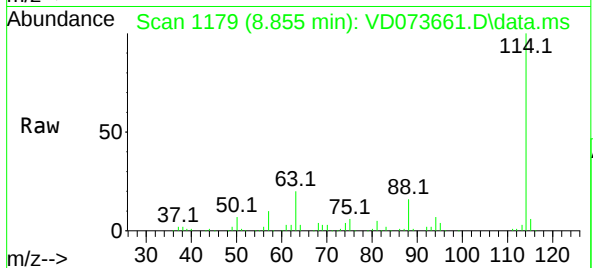
Tgt Ion:114 Resp: 416292

Ion Ratio Lower Upper

114 100

63 20.2 0.0 40.4

88 15.7 0.0 32.2



#35

Dibromofluoromethane

Concen: 47.684 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.000 min

Lab File: VD073661.D

Acq: 22 Jun 2022 18:16

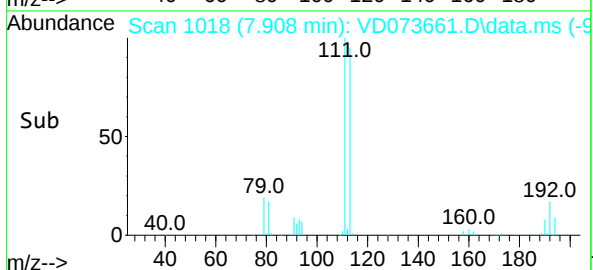
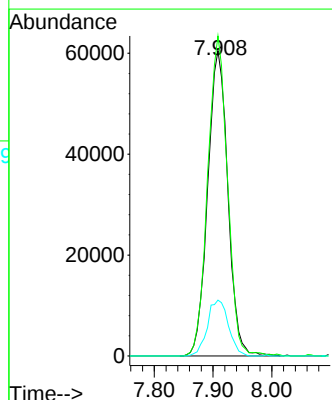
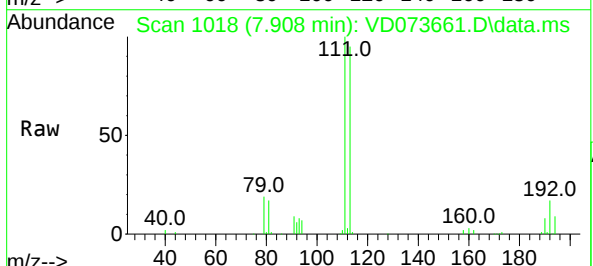
Tgt Ion:113 Resp: 144003

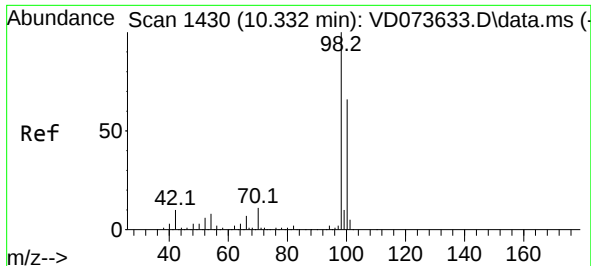
Ion Ratio Lower Upper

113 100

111 103.3 81.1 121.7

192 19.1 14.3 21.5

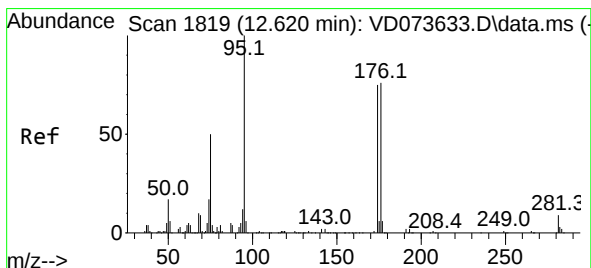
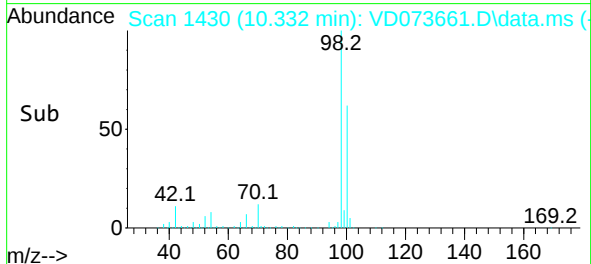
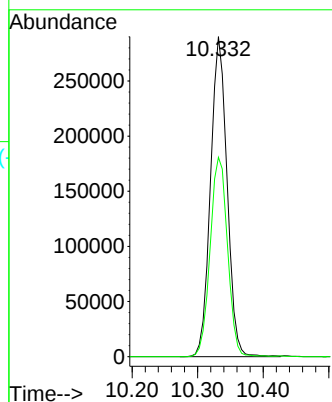
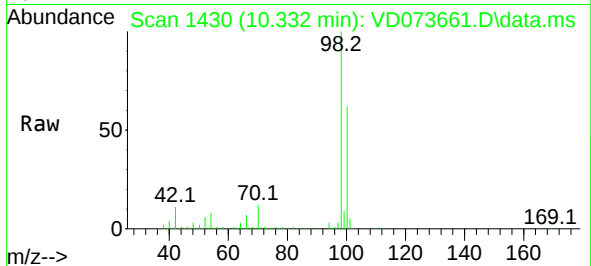




#50
Toluene-d8
Concen: 47.059 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073661.D
Acq: 22 Jun 2022 18:16

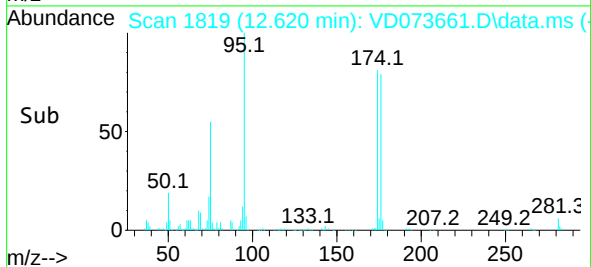
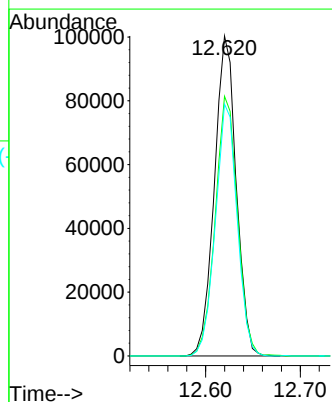
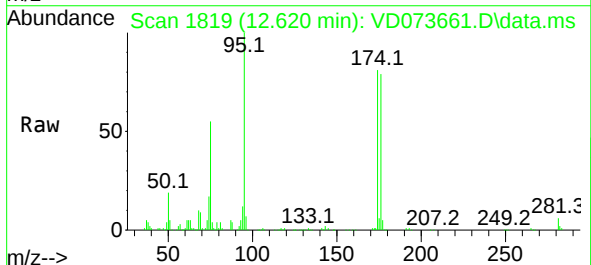
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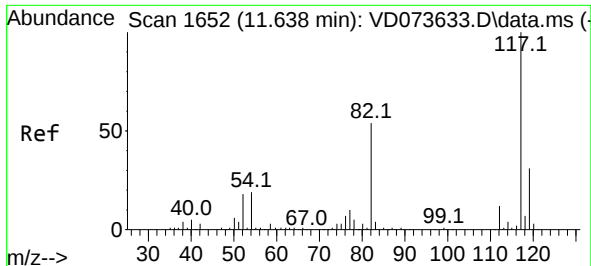
Tgt Ion: 98 Resp: 508666
Ion Ratio Lower Upper
98 100
100 65.4 51.4 77.2



#62
4-Bromofluorobenzene
Concen: 40.600 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073661.D
Acq: 22 Jun 2022 18:16

Tgt Ion: 95 Resp: 160936
Ion Ratio Lower Upper
95 100
174 82.6 0.0 156.4
176 78.2 0.0 151.8

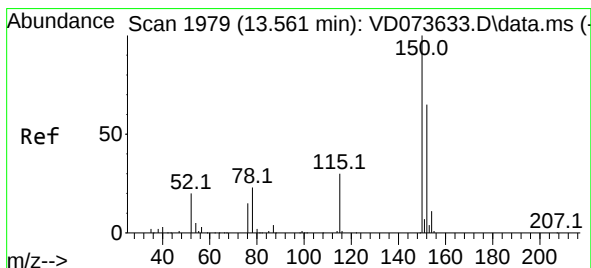
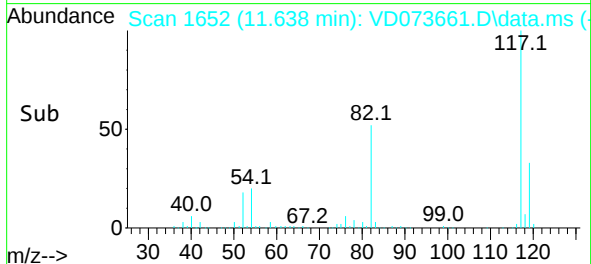
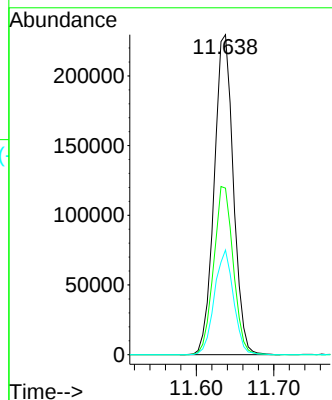
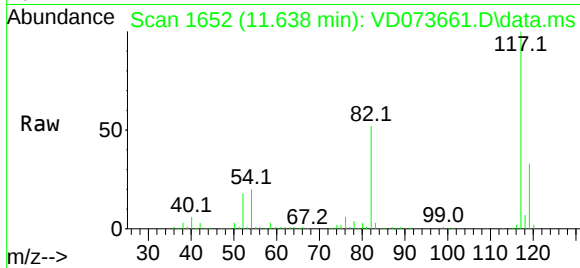




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD073661.D
Acq: 22 Jun 2022 18:16

Instrument :
MSVOA_D
ClientSampleId :
SB-3-23-25-20220620

Tgt Ion:117 Resp: 394552
Ion Ratio Lower Upper
117 100
82 52.1 43.0 64.4
119 32.7 24.5 36.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD073661.D
Acq: 22 Jun 2022 18:16

Tgt Ion:152 Resp: 177257
Ion Ratio Lower Upper
152 100
115 59.2 29.6 88.9
150 158.2 0.0 351.2

