

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082322\
 Data File : VD074206.D
 Acq On : 24 Aug 2022 02:58
 Operator : VA/SY
 Sample : N4274-01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CL-1

Quant Time: Aug 24 06:26:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D082322S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 23 13:12:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	10233	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	22198	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	28848	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	13946	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	13394	128.092	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	256.180%#
35) Dibromofluoromethane	7.903	113	11565	77.890	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	155.780%#
50) Toluene-d8	10.332	98	30570	63.972	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	127.940%
62) 4-Bromofluorobenzene	12.620	95	11919	63.136	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	126.280%

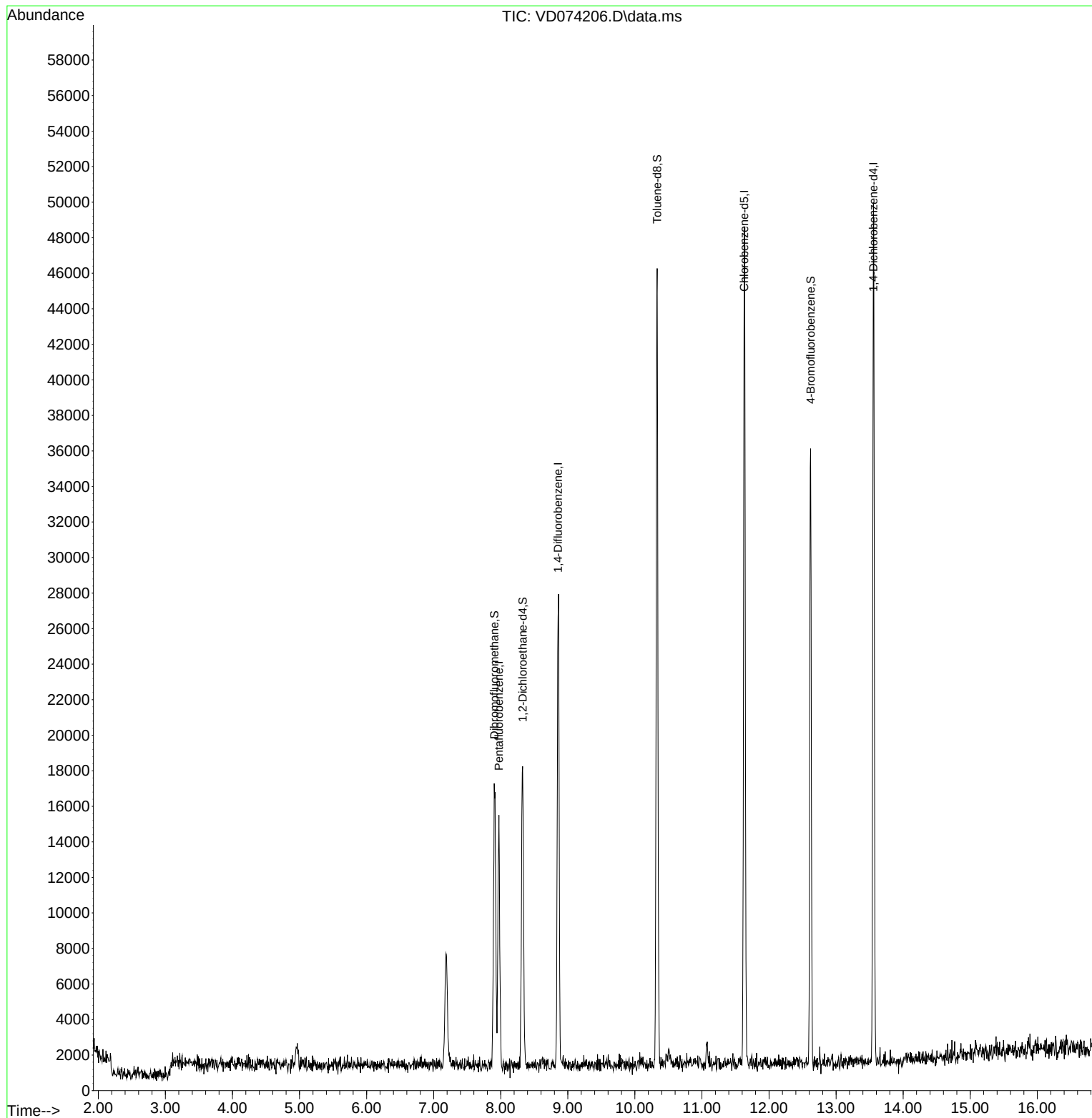
Target Compounds	Qvalue

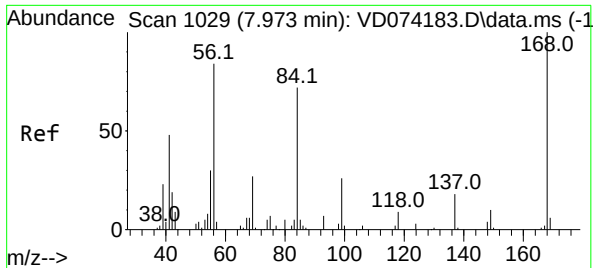
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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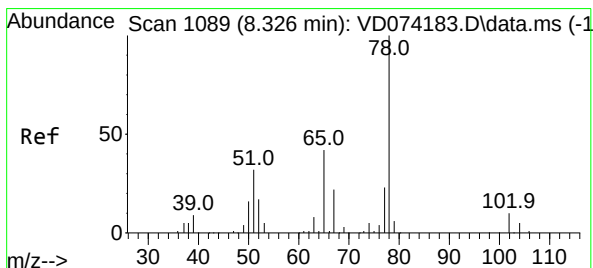
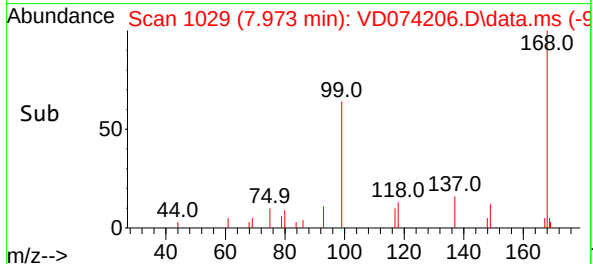
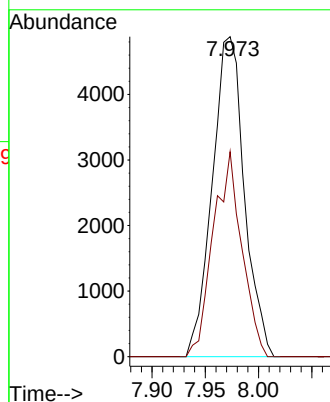
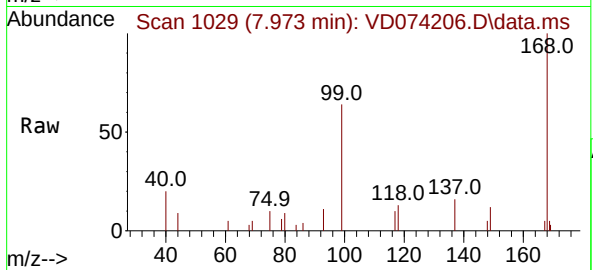




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD074206.D
Acq: 24 Aug 2022 02:58

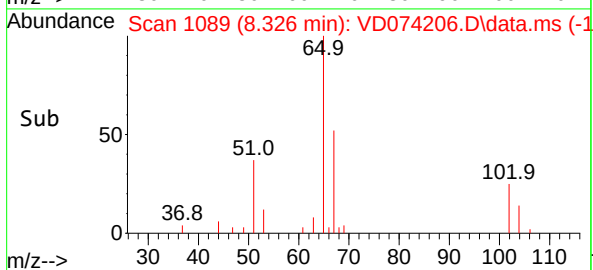
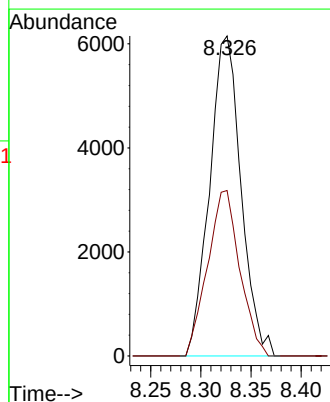
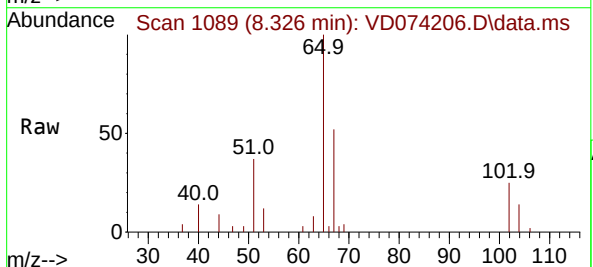
Instrument :
MSVOA_D
ClientSampleId :
CL-1

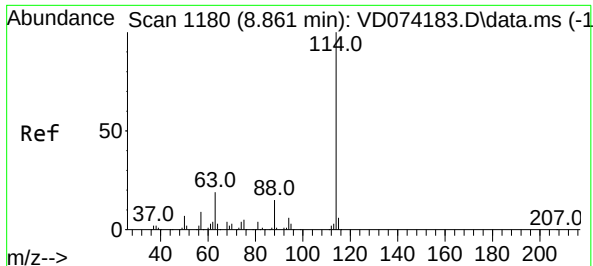
Tgt Ion:168 Resp: 10233
Ion Ratio Lower Upper
168 100
99 64.1 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 128.092 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD074206.D
Acq: 24 Aug 2022 02:58

Tgt Ion: 65 Resp: 13394
Ion Ratio Lower Upper
65 100
67 53.0 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.856 min Scan# 1179

Delta R.T. -0.005 min

Lab File: VD074206.D

Acq: 24 Aug 2022 02:58

Instrument :

MSVOA_D

ClientSampleId :

CL-1

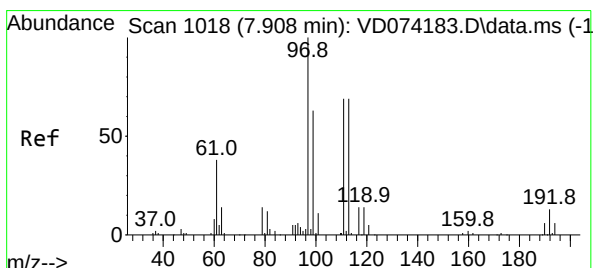
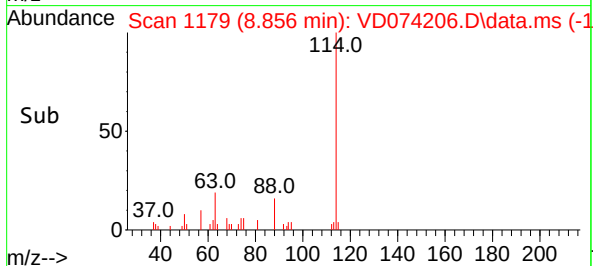
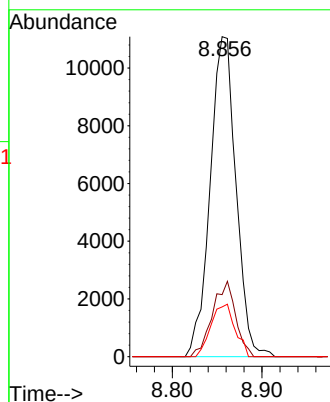
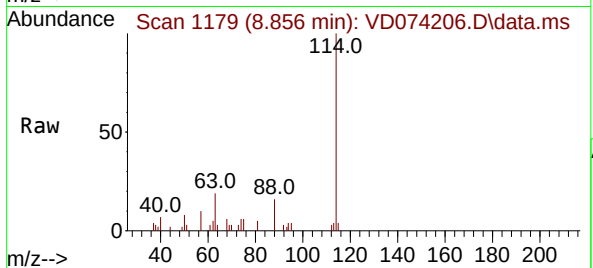
Tgt Ion:114 Resp: 22198

Ion Ratio Lower Upper

114 100

63 19.4 0.0 46.6

88 15.5 0.0 33.2



#35

Dibromofluoromethane

Concen: 77.890 ug/l

RT: 7.903 min Scan# 1017

Delta R.T. -0.005 min

Lab File: VD074206.D

Acq: 24 Aug 2022 02:58

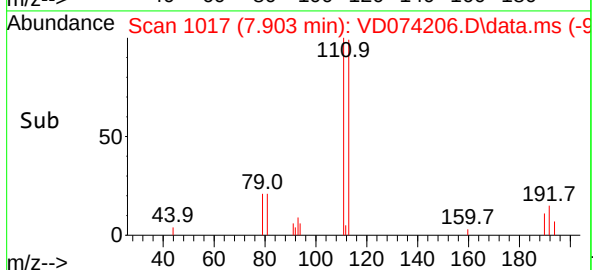
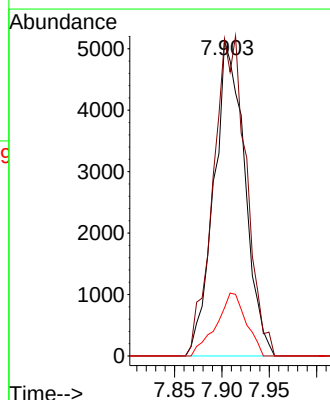
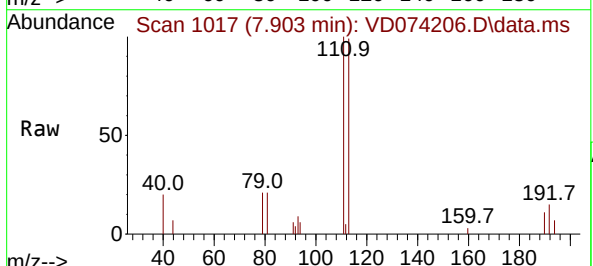
Tgt Ion:113 Resp: 11565

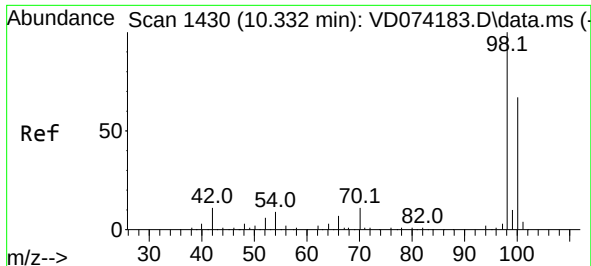
Ion Ratio Lower Upper

113 100

111 109.1 83.8 125.6

192 19.4 14.6 21.8

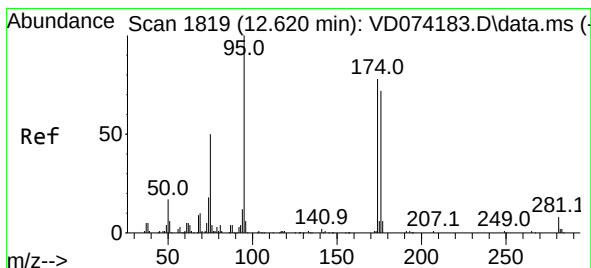
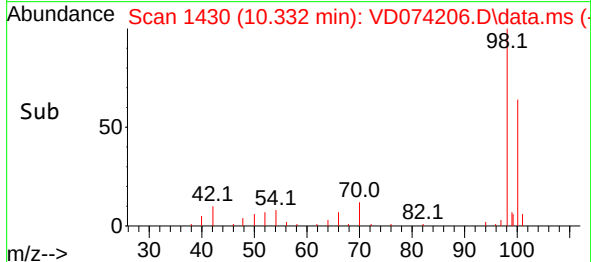
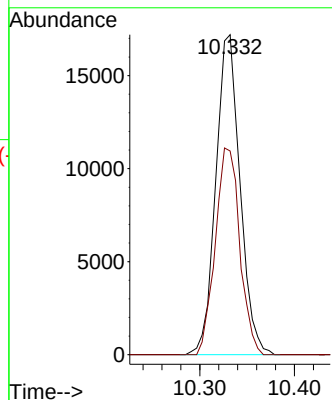
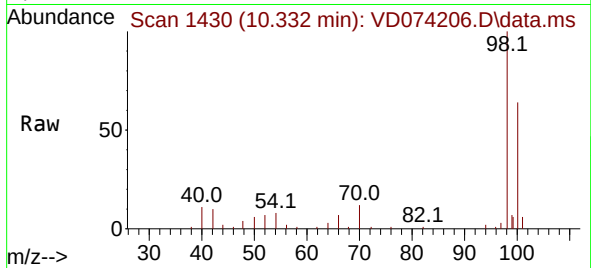




#50
Toluene-d8
Concen: 63.972 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD074206.D
Acq: 24 Aug 2022 02:58

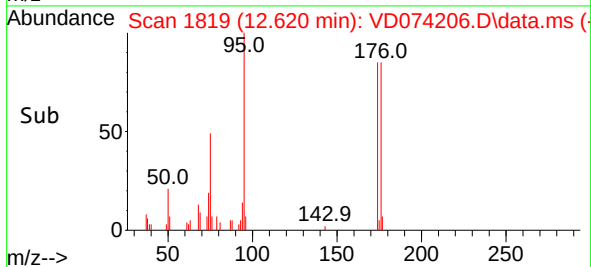
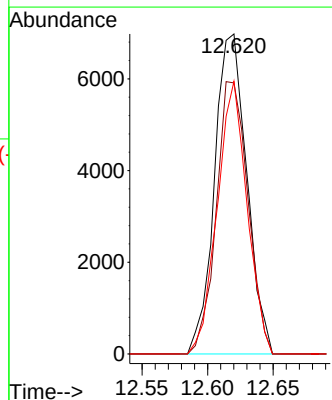
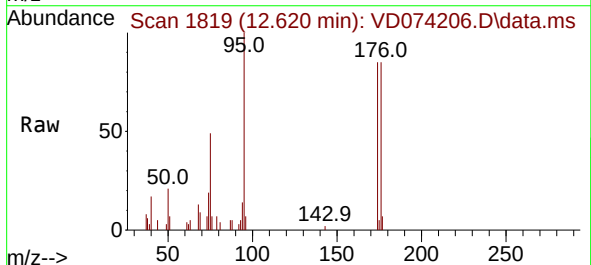
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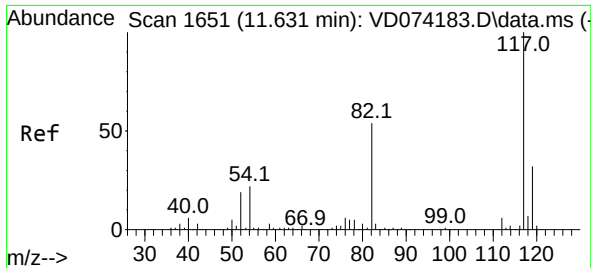
Tgt Ion: 98 Resp: 30570
Ion Ratio Lower Upper
98 100
100 65.1 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 63.136 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD074206.D
Acq: 24 Aug 2022 02:58

Tgt Ion: 95 Resp: 11919
Ion Ratio Lower Upper
95 100
174 83.7 0.0 152.8
176 78.9 0.0 145.4

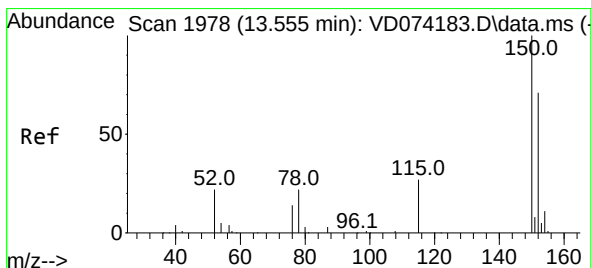
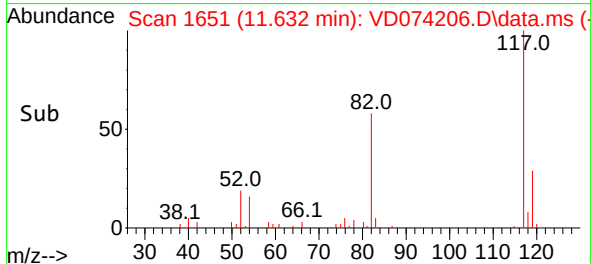
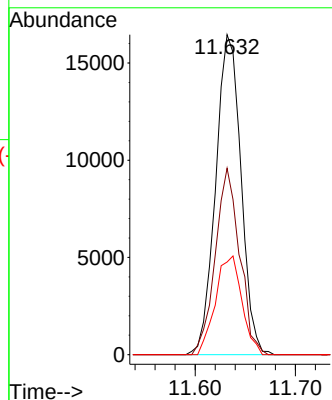
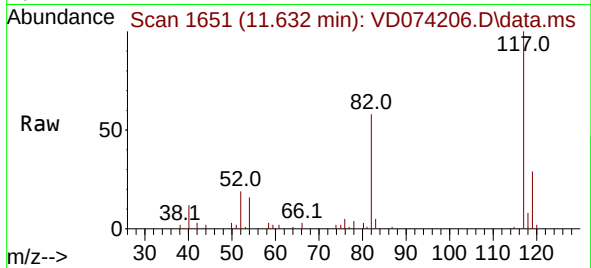




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 11
Delta R.T. 0.001 min
Lab File: VD074206.D
Acq: 24 Aug 2022 02:58

Instrument :
MSVOA_D
ClientSampleId :
CL-1

Tgt Ion:117 Resp: 28848
Ion Ratio Lower Upper
117 100
82 58.3 45.3 67.9
119 29.0 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.555 min Scan# 1978
Delta R.T. 0.000 min
Lab File: VD074206.D
Acq: 24 Aug 2022 02:58

Tgt Ion:152 Resp: 13946
Ion Ratio Lower Upper
152 100
115 56.0 31.3 93.8
150 152.2 0.0 348.6

