

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011922\
 Data File : VD071745.D
 Acq On : 19 Jan 2022 15:42
 Operator : VA/SY
 Sample : N1195-01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CL-02-011922

Quant Time: Jan 20 04:59:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010722S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 07 15:39:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	18823	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	34458	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	35971	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	15369	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	23130	95.500	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	191.000%#
35) Dibromofluoromethane	7.908	113	12608	55.365	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.740%
50) Toluene-d8	10.337	98	43108	50.570	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.140%
62) 4-Bromofluorobenzene	12.620	95	15640	52.067	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	104.140%

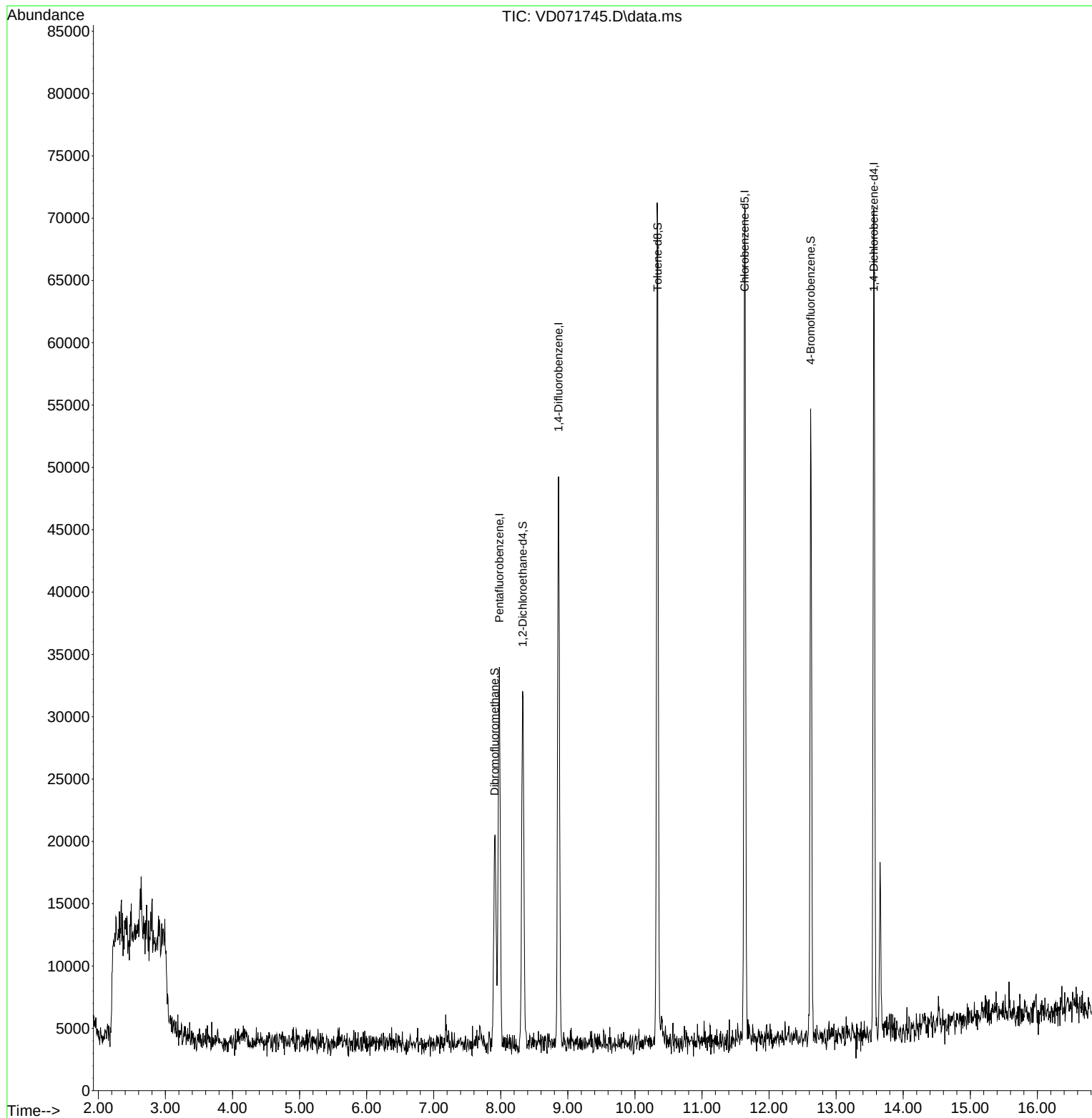
Target Compounds	Qvalue

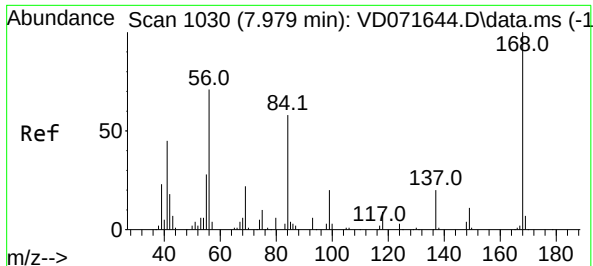
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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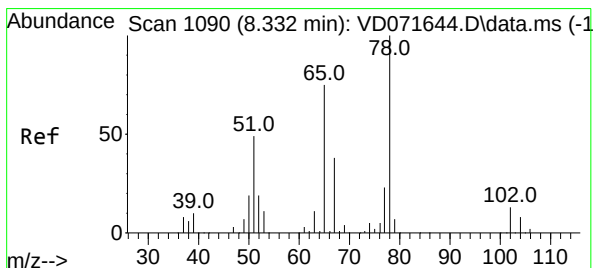
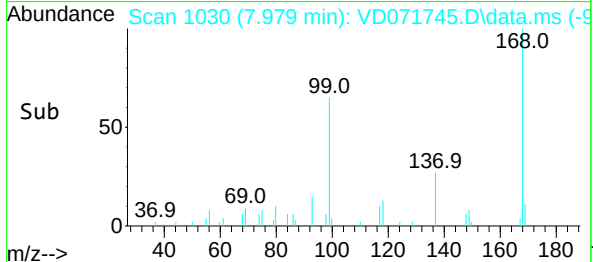
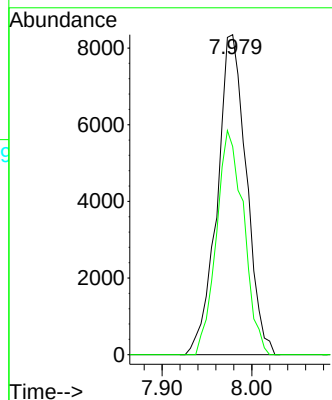
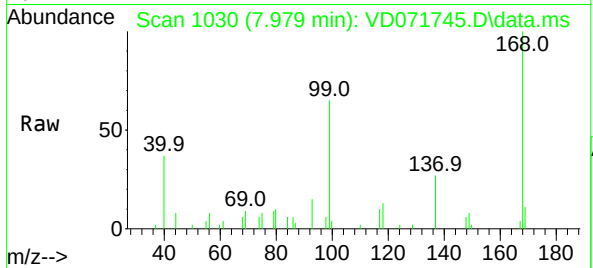




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD071745.D
Acq: 19 Jan 2022 15:42

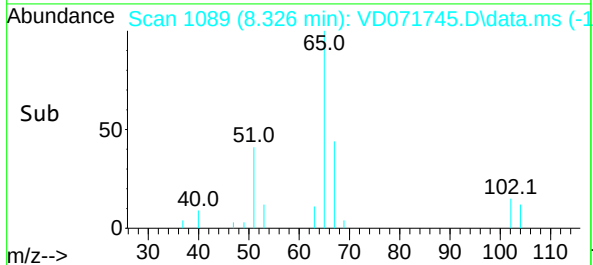
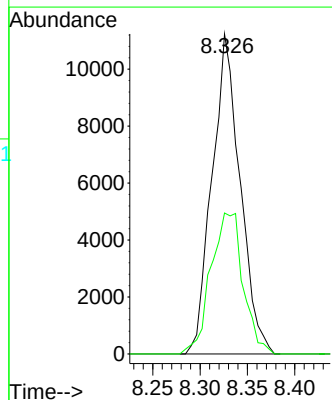
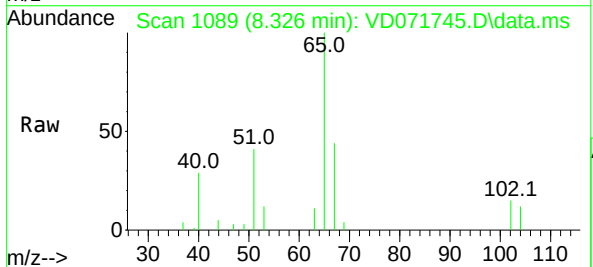
Instrument :
MSVOA_D
ClientSampleId :
CL-02-011922

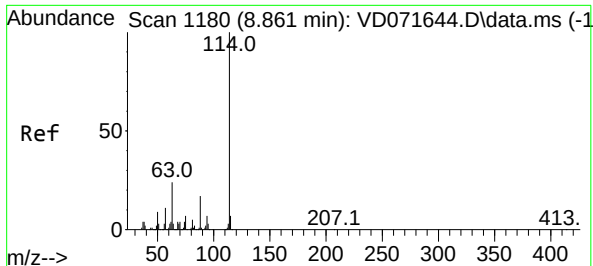
Tgt Ion:168 Resp: 18823
Ion Ratio Lower Upper
168 100
99 65.0 51.8 77.6



#33
1,2-Dichloroethane-d4
Concen: 95.500 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD071745.D
Acq: 19 Jan 2022 15:42

Tgt Ion: 65 Resp: 23130
Ion Ratio Lower Upper
65 100
67 50.7 0.0 101.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD071745.D

Acq: 19 Jan 2022 15:42

Instrument :

MSVOA_D

ClientSampleId :

CL-02-011922

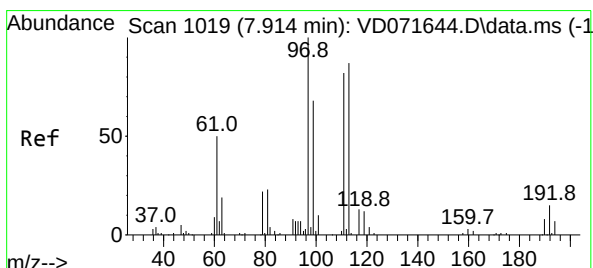
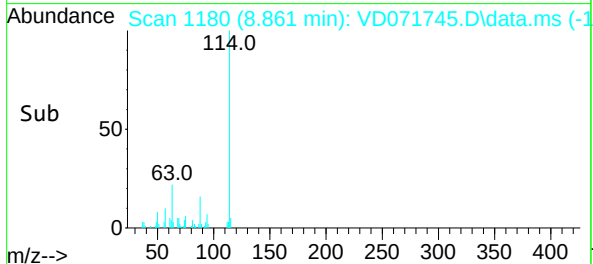
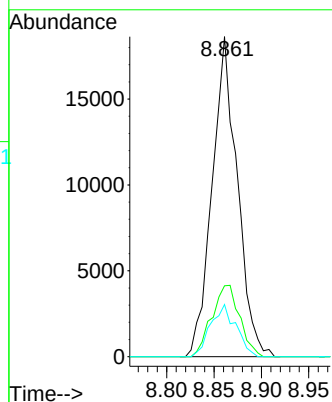
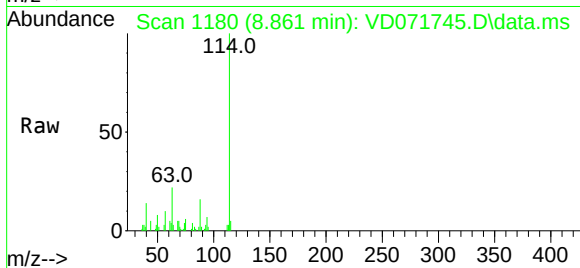
Tgt Ion:114 Resp: 34458

Ion Ratio Lower Upper

114 100

63 22.1 0.0 46.2

88 16.3 0.0 32.0



#35

Dibromofluoromethane

Concen: 55.365 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD071745.D

Acq: 19 Jan 2022 15:42

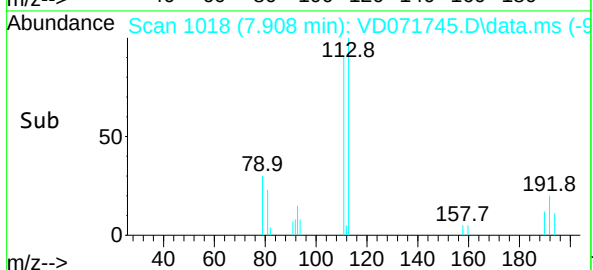
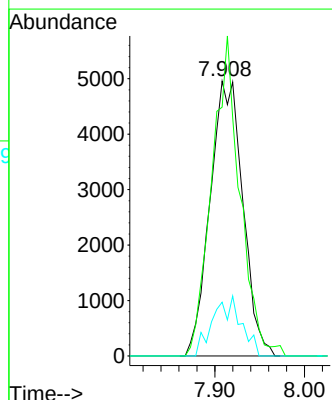
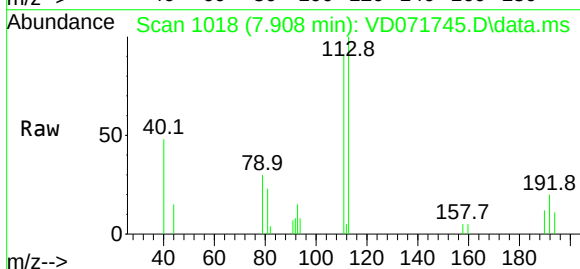
Tgt Ion:113 Resp: 12608

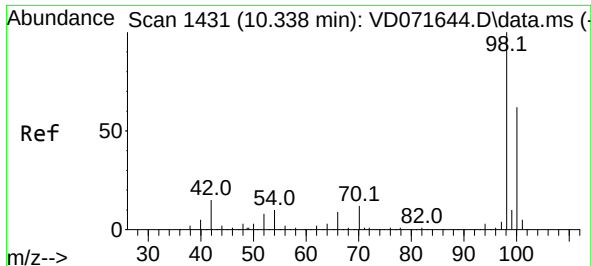
Ion Ratio Lower Upper

113 100

111 99.8 82.2 123.4

192 18.5 14.2 21.2

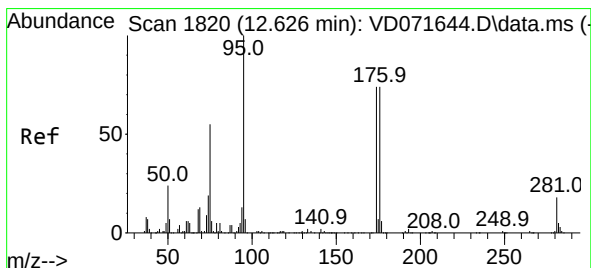
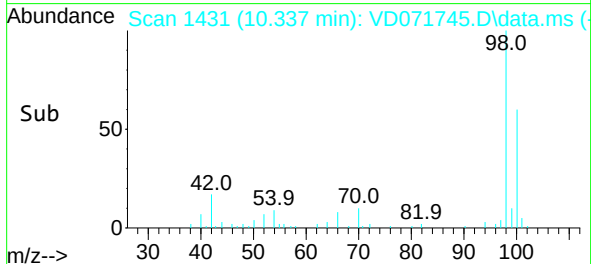
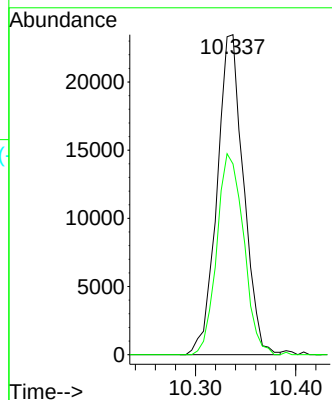
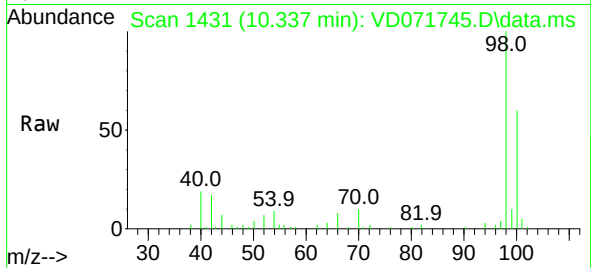




#50
Toluene-d8
Concen: 50.570 ug/l
RT: 10.337 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VD071745.D
Acq: 19 Jan 2022 15:42

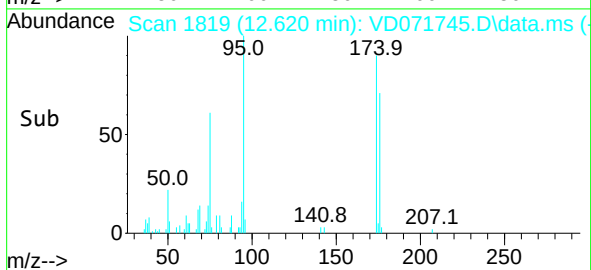
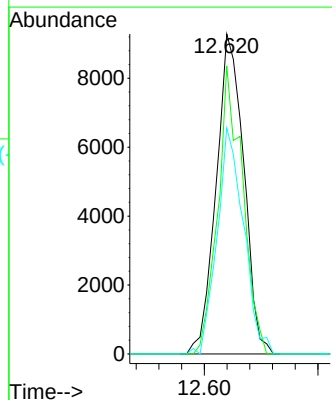
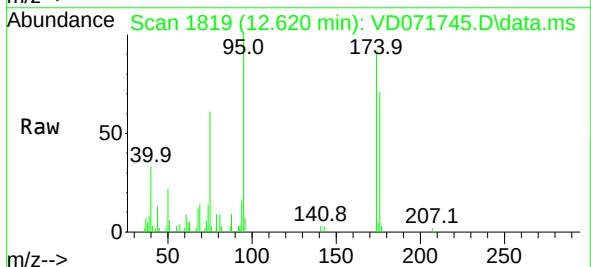
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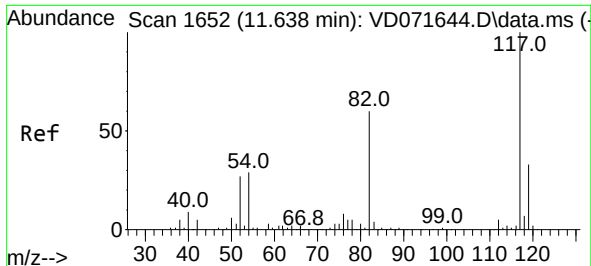
Tgt Ion: 98 Resp: 43108
Ion Ratio Lower Upper
98 100
100 63.5 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 52.067 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD071745.D
Acq: 19 Jan 2022 15:42

Tgt Ion: 95 Resp: 15640
Ion Ratio Lower Upper
95 100
174 80.8 0.0 150.0
176 67.9 0.0 146.4

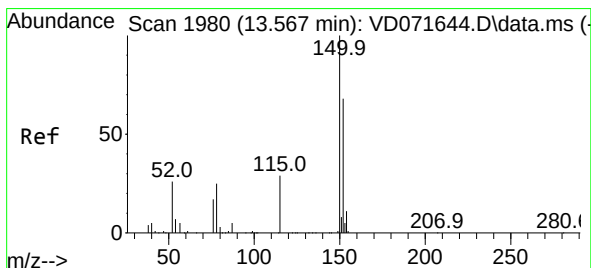
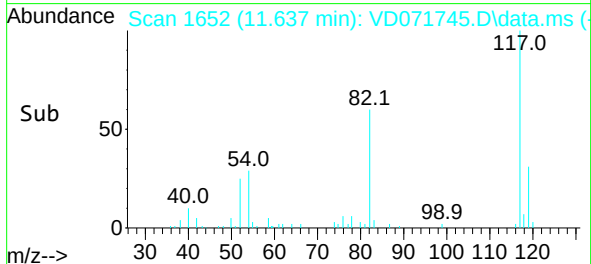
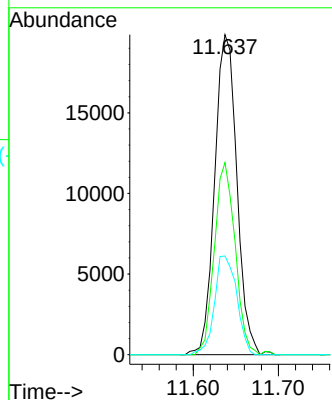
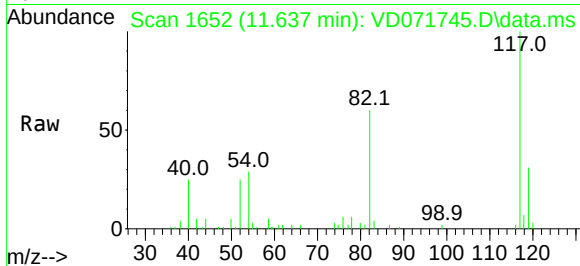




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD071745.D
Acq: 19 Jan 2022 15:42

Instrument :
MSVOA_D
ClientSampleId :
CL-02-011922

Tgt Ion:117 Resp: 35971
Ion Ratio Lower Upper
117 100
82 60.1 46.9 70.3
119 30.8 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD071745.D
Acq: 19 Jan 2022 15:42

Tgt Ion:152 Resp: 15369
Ion Ratio Lower Upper
152 100
115 59.6 31.5 94.5
150 165.9 0.0 348.0

