

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120321\
 Data File : VD071131.D
 Acq On : 03 Dec 2021 13:07
 Operator : VA/SY
 Sample : M4910-17
 Misc : 5.10G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-1-4

Quant Time: Dec 04 03:50:01 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D112921S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 29 17:54:09 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	323033	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.861	114	578840	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	590510	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	257149	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	180526	47.627	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.260%
35) Dibromofluoromethane	7.914	113	180828	49.058	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.120%
50) Toluene-d8	10.338	98	743380	52.996	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.000%
62) 4-Bromofluorobenzene	12.626	95	276103	56.784	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	113.560%

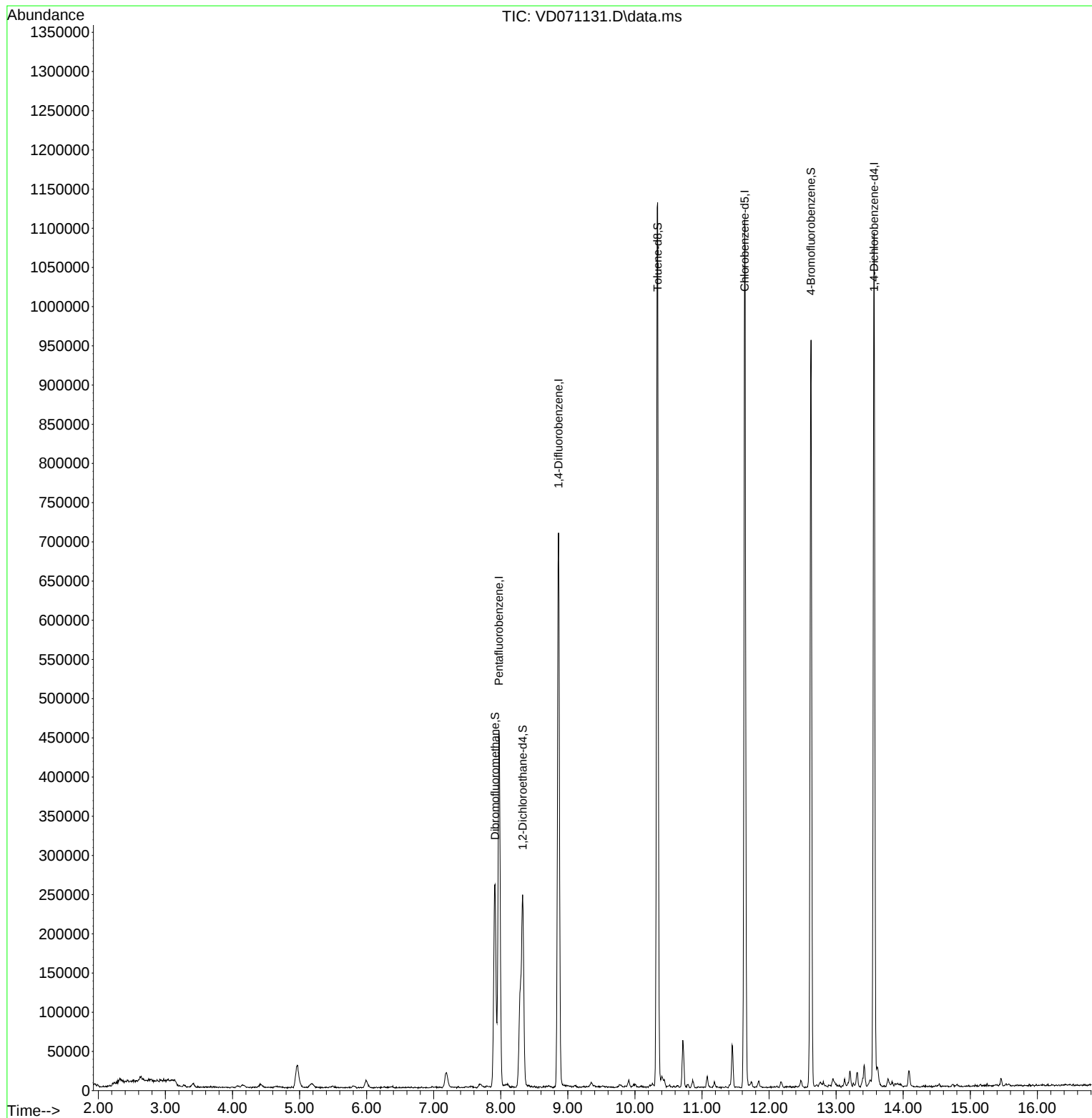
Target Compounds	Qvalue

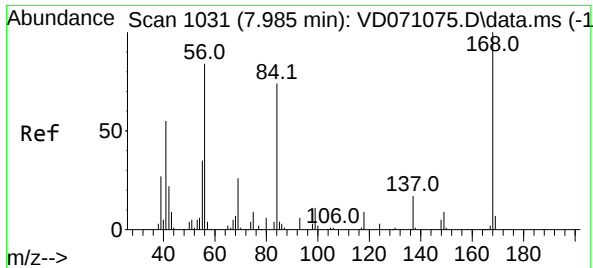
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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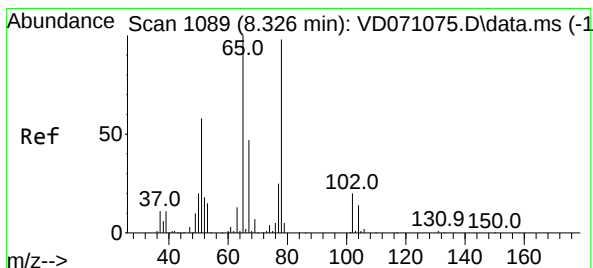
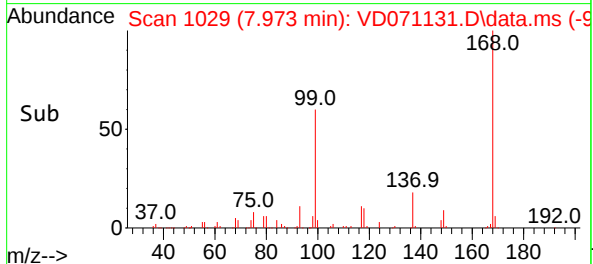
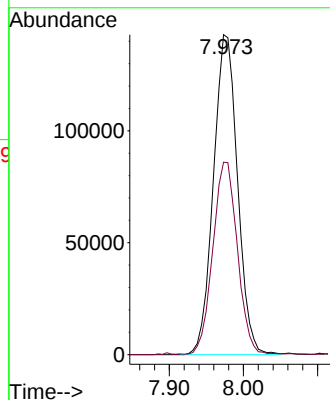
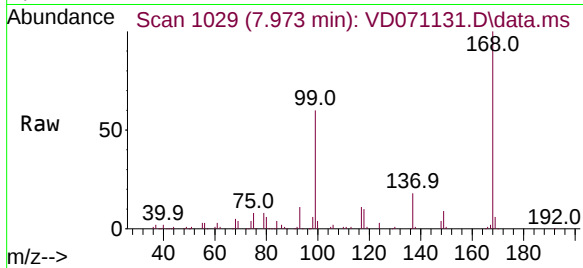




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.012 min
Lab File: VD071131.D
Acq: 03 Dec 2021 13:07

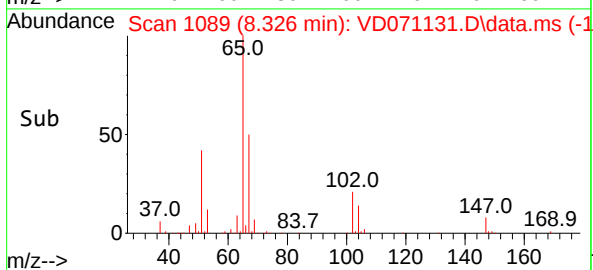
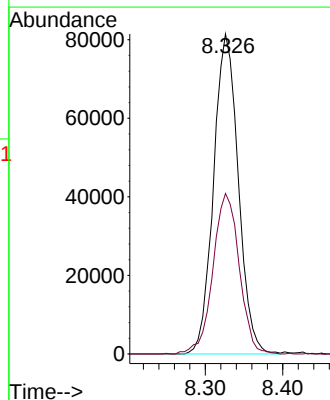
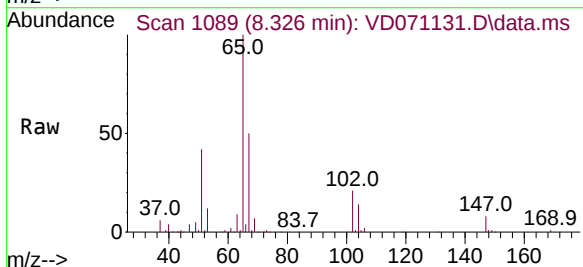
Instrument :
MSVOA_D
ClientSampleId :
SP-1-4

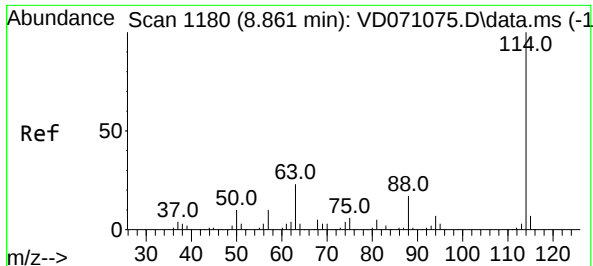
Tgt Ion:168 Resp: 323033
Ion Ratio Lower Upper
168 100
99 59.9 46.6 69.8



#33
1,2-Dichloroethane-d4
Concen: 47.627 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD071131.D
Acq: 03 Dec 2021 13:07

Tgt Ion: 65 Resp: 180526
Ion Ratio Lower Upper
65 100
67 53.4 0.0 112.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD071131.D

Acq: 03 Dec 2021 13:07

Instrument :

MSVOA_D

ClientSampleId :

SP-1-4

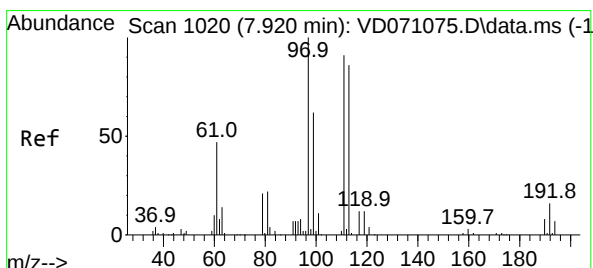
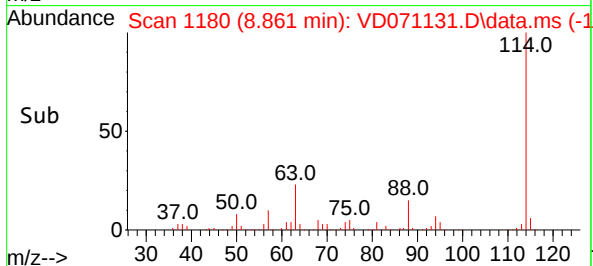
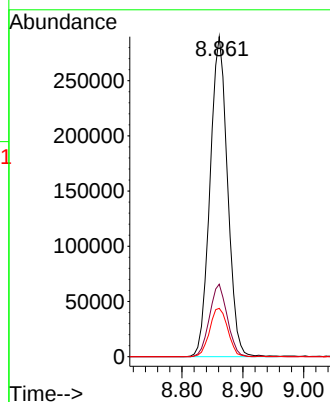
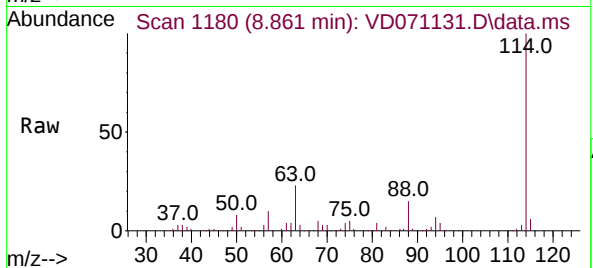
Tgt Ion:114 Resp: 578840

Ion Ratio Lower Upper

114 100

63 22.6 0.0 41.8

88 15.1 0.0 32.8



#35

Dibromofluoromethane

Concen: 49.058 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.006 min

Lab File: VD071131.D

Acq: 03 Dec 2021 13:07

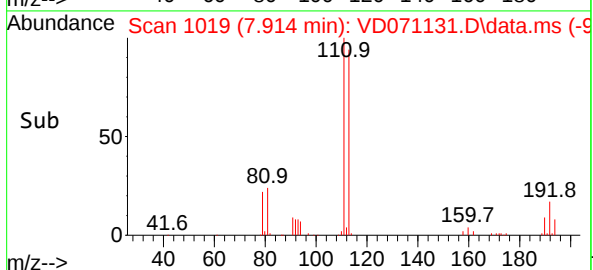
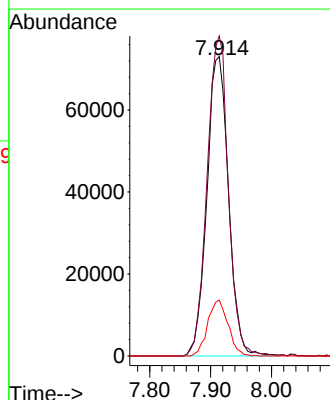
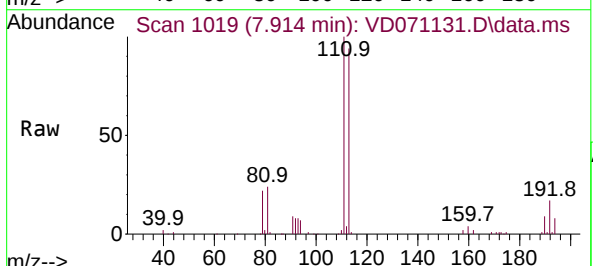
Tgt Ion:113 Resp: 180828

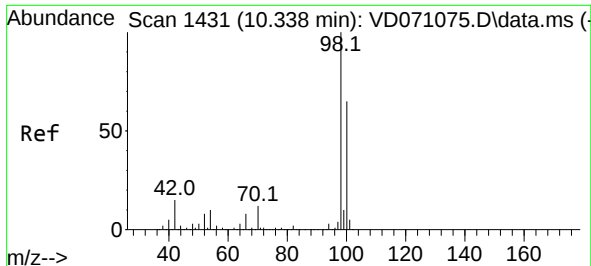
Ion Ratio Lower Upper

113 100

111 104.9 82.0 123.0

192 17.5 15.2 22.8

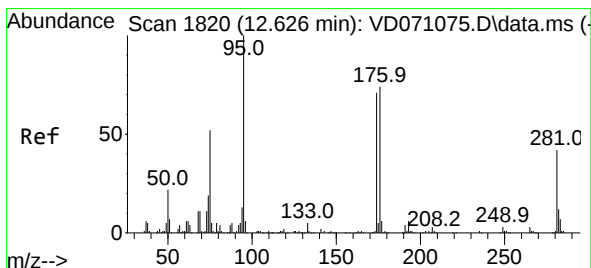
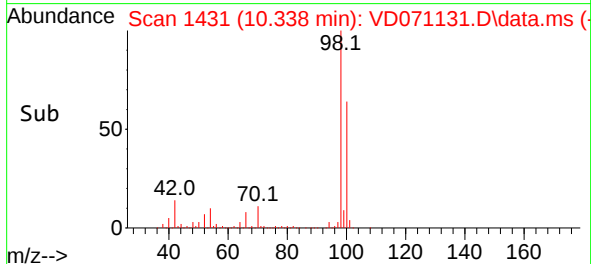
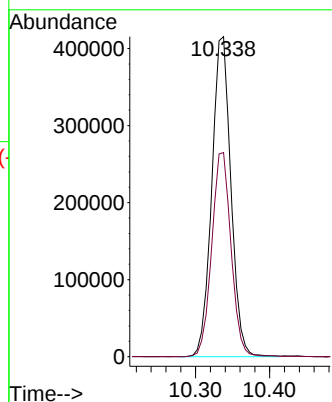
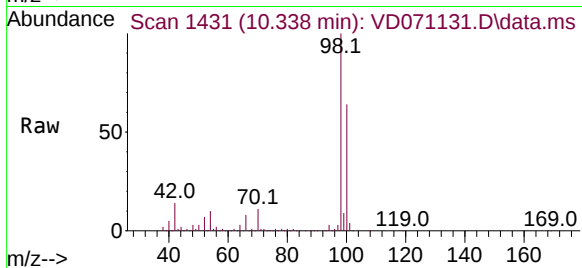




#50
Toluene-d8
Concen: 52.996 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD071131.D
Acq: 03 Dec 2021 13:07

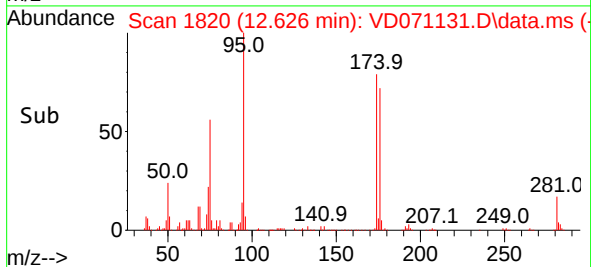
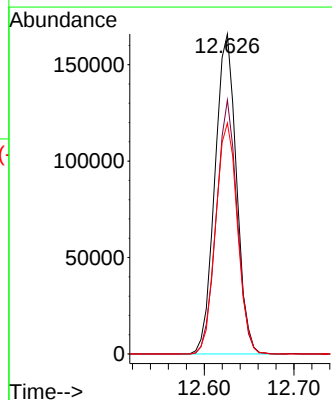
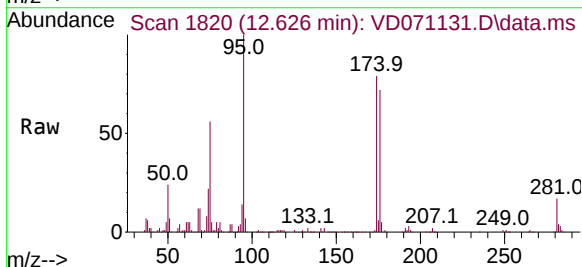
Instrument :
MSVOA_D
ClientSampleId :
SP-1-4

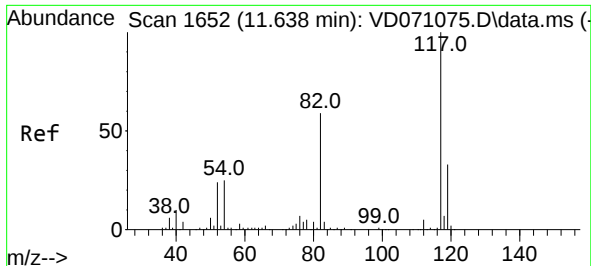
Tgt Ion: 98 Resp: 743380
Ion Ratio Lower Upper
98 100
100 64.6 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 56.784 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071131.D
Acq: 03 Dec 2021 13:07

Tgt Ion: 95 Resp: 276103
Ion Ratio Lower Upper
95 100
174 76.6 0.0 159.4
176 73.4 0.0 154.0

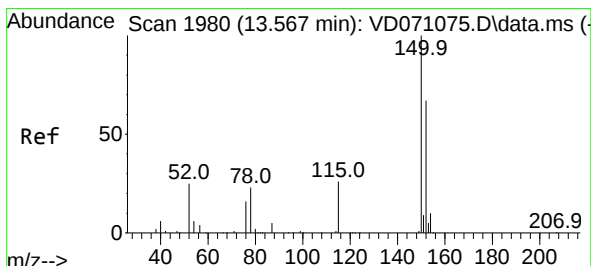
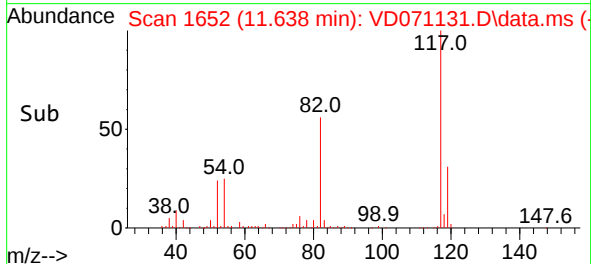
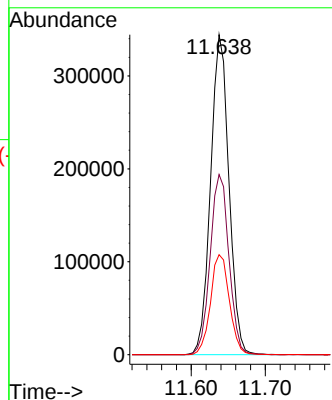
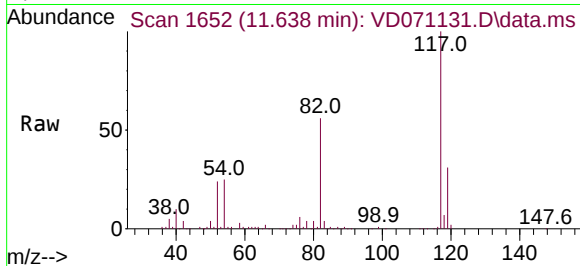




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD071131.D
Acq: 03 Dec 2021 13:07

Instrument :
MSVOA_D
ClientSampleId :
SP-1-4

Tgt Ion:117 Resp: 590510
Ion Ratio Lower Upper
117 100
82 56.3 44.7 67.1
119 31.3 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD071131.D
Acq: 03 Dec 2021 13:07

Tgt Ion:152 Resp: 257149
Ion Ratio Lower Upper
152 100
115 61.6 29.8 89.3
150 160.2 0.0 349.2

