

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120321\
 Data File : VD071132.D
 Acq On : 03 Dec 2021 13:35
 Operator : VA/SY
 Sample : M4910-19
 Misc : 5.48G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-1-4

Quant Time: Dec 04 03:50:11 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	7.985	168	15019	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.861	114	26649	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	27725	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	13699	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	13238	75.118	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	150.240%
35) Dibromofluoromethane	7.920	113	7895	46.524	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.040%
50) Toluene-d8	10.338	98	32338	50.075	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.160%
62) 4-Bromofluorobenzene	12.626	95	12573	56.166	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	112.340%

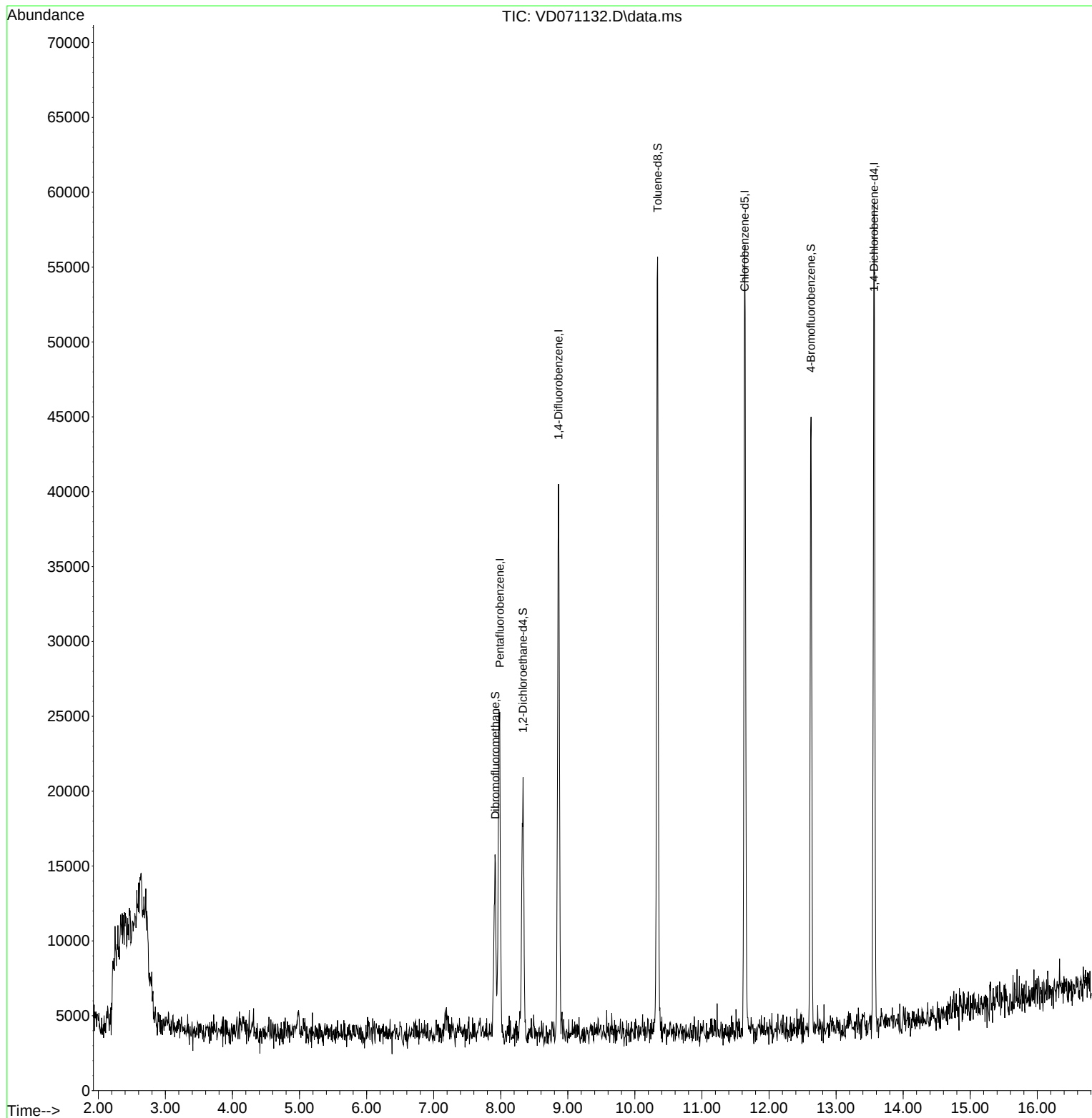
Target Compounds	Qvalue

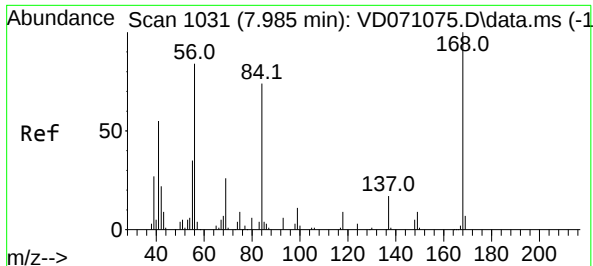
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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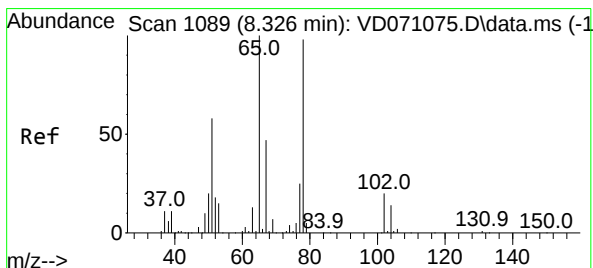
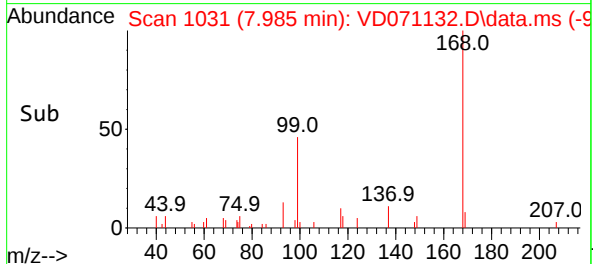
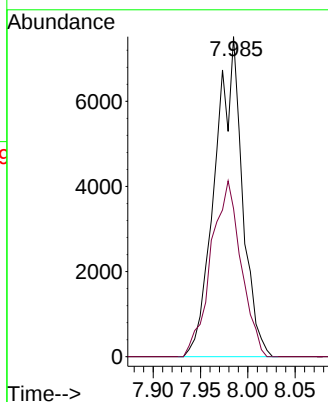
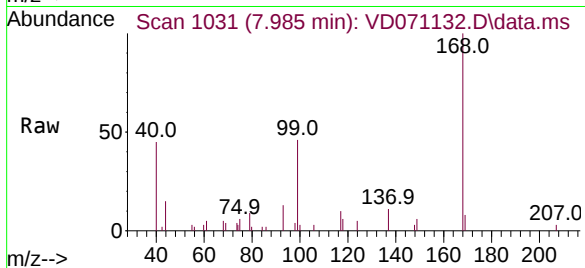




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD071132.D
Acq: 03 Dec 2021 13:35

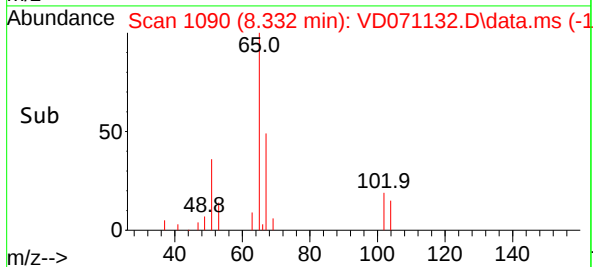
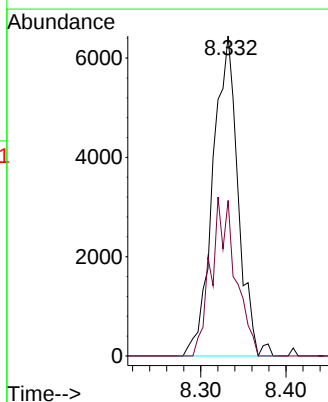
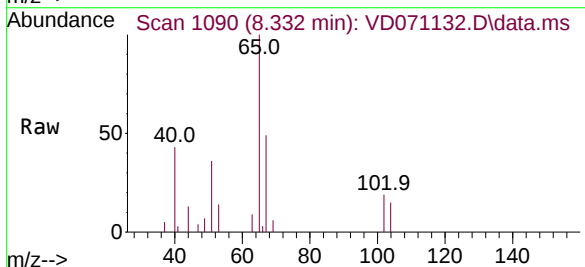
Instrument :
MSVOA_D
ClientSampleId :
SP-1-4

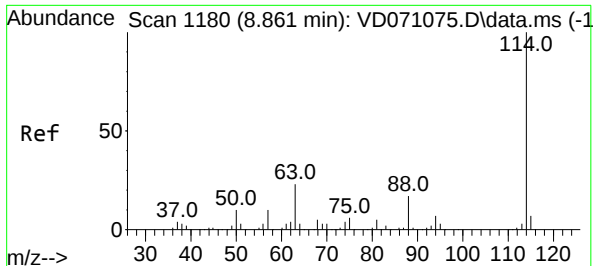
Tgt Ion:168 Resp: 15019
Ion Ratio Lower Upper
168 100
99 46.3 46.6 69.8#



#33
1,2-Dichloroethane-d4
Concen: 75.118 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD071132.D
Acq: 03 Dec 2021 13:35

Tgt Ion: 65 Resp: 13238
Ion Ratio Lower Upper
65 100
67 48.1 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: VD071132.D

Acq: 03 Dec 2021 13:35

Instrument :

MSVOA_D

ClientSampleId :

SP-1-4

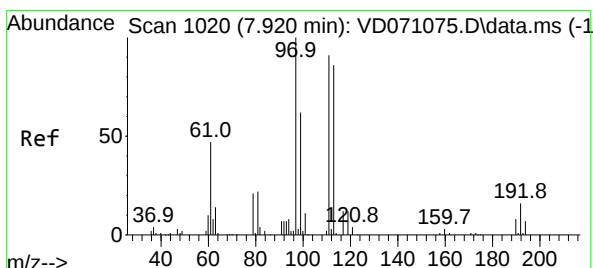
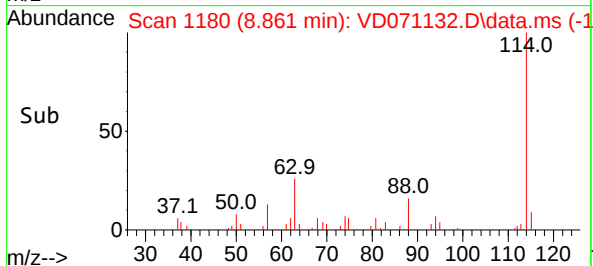
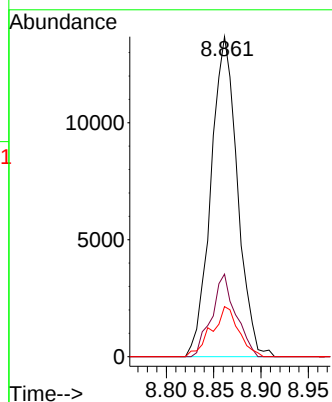
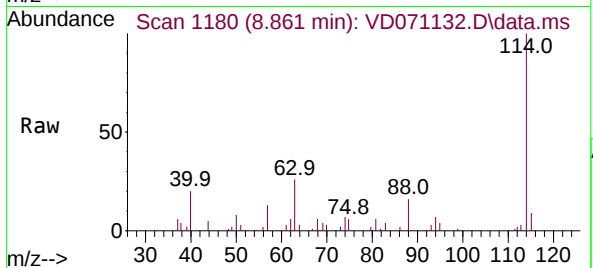
Tgt Ion:114 Resp: 26649

Ion Ratio Lower Upper

114 100

63 25.8 0.0 41.8

88 15.6 0.0 32.8



#35

Dibromofluoromethane

Concen: 46.524 ug/l

RT: 7.920 min Scan# 1020

Delta R.T. 0.000 min

Lab File: VD071132.D

Acq: 03 Dec 2021 13:35

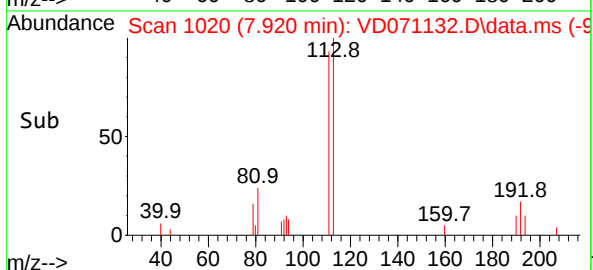
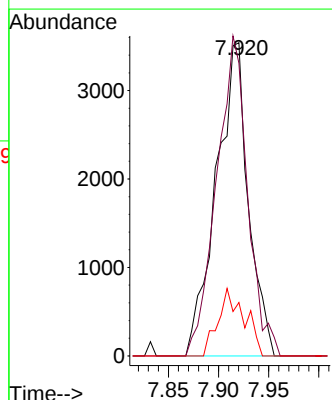
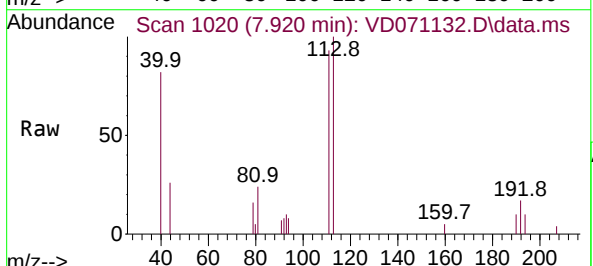
Tgt Ion:113 Resp: 7895

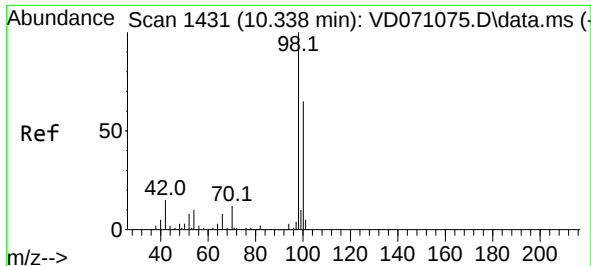
Ion Ratio Lower Upper

113 100

111 98.7 82.0 123.0

192 17.6 15.2 22.8

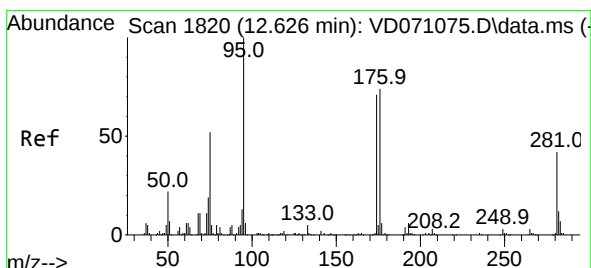
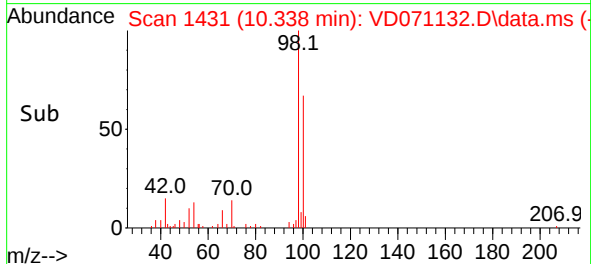
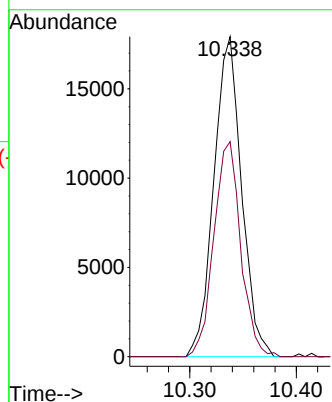
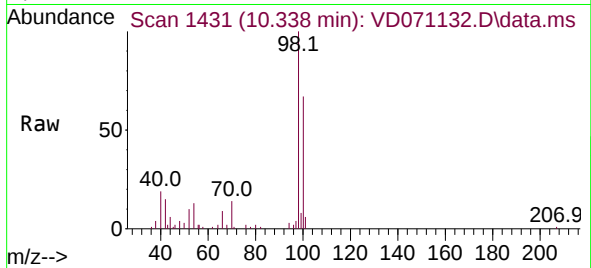




#50
Toluene-d8
Concen: 50.075 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD071132.D
Acq: 03 Dec 2021 13:35

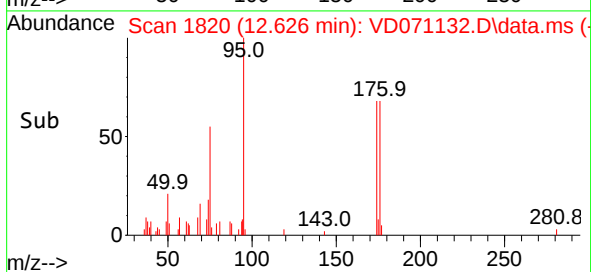
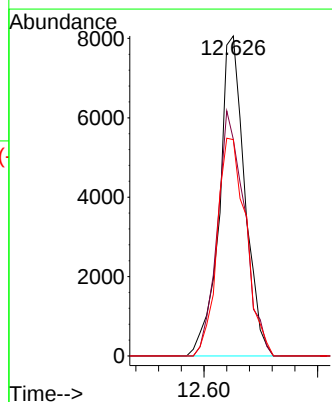
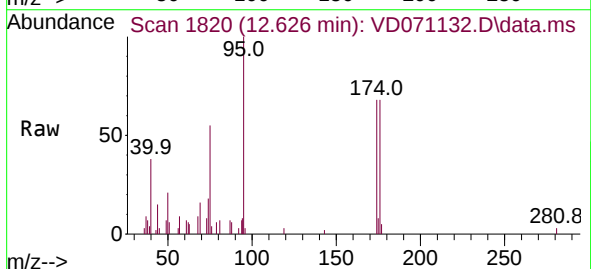
Instrument :
MSVOA_D
ClientSampleId :
SP-1-4

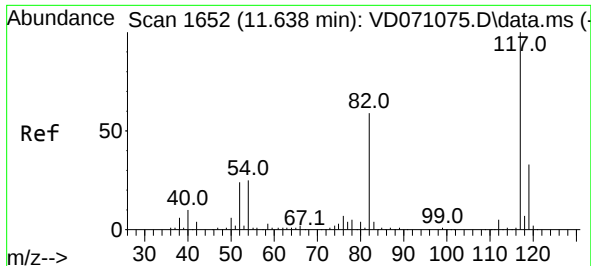
Tgt Ion: 98 Resp: 32338
Ion Ratio Lower Upper
98 100
100 65.2 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 56.166 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071132.D
Acq: 03 Dec 2021 13:35

Tgt Ion: 95 Resp: 12573
Ion Ratio Lower Upper
95 100
174 81.5 0.0 159.4
176 77.1 0.0 154.0

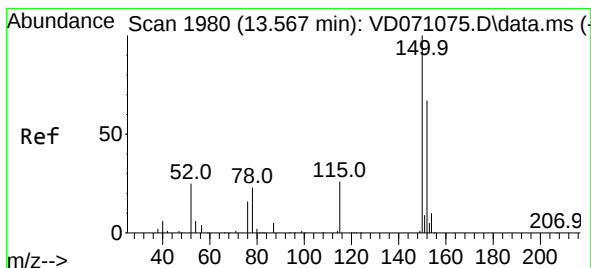
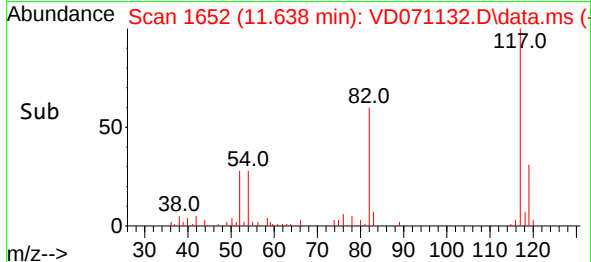
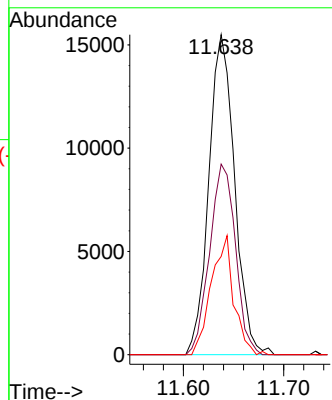
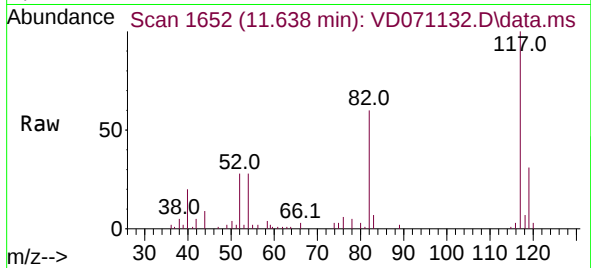




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD071132.D
Acq: 03 Dec 2021 13:35

Instrument :
MSVOA_D
ClientSampleId :
SP-1-4

Tgt Ion:117 Resp: 27725
Ion Ratio Lower Upper
117 100
82 59.5 44.7 67.1
119 30.7 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: VD071132.D
Acq: 03 Dec 2021 13:35

Tgt Ion:152 Resp: 13699
Ion Ratio Lower Upper
152 100
115 58.6 29.8 89.3
150 145.2 0.0 349.2

