

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121321\
 Data File : VD071300.D
 Acq On : 13 Dec 2021 16:56
 Operator : VA/SY
 Sample : M5030-03
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SU-04-121021

Quant Time: Dec 14 08:14:40 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	7.979	168	241075	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	423715	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	470334	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	228312	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	129760	45.872	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.740%
35) Dibromofluoromethane	7.914	113	131755	48.831	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.660%
50) Toluene-d8	10.338	98	549426	53.509	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	107.020%
62) 4-Bromofluorobenzene	12.626	95	228679	64.249	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	128.500%

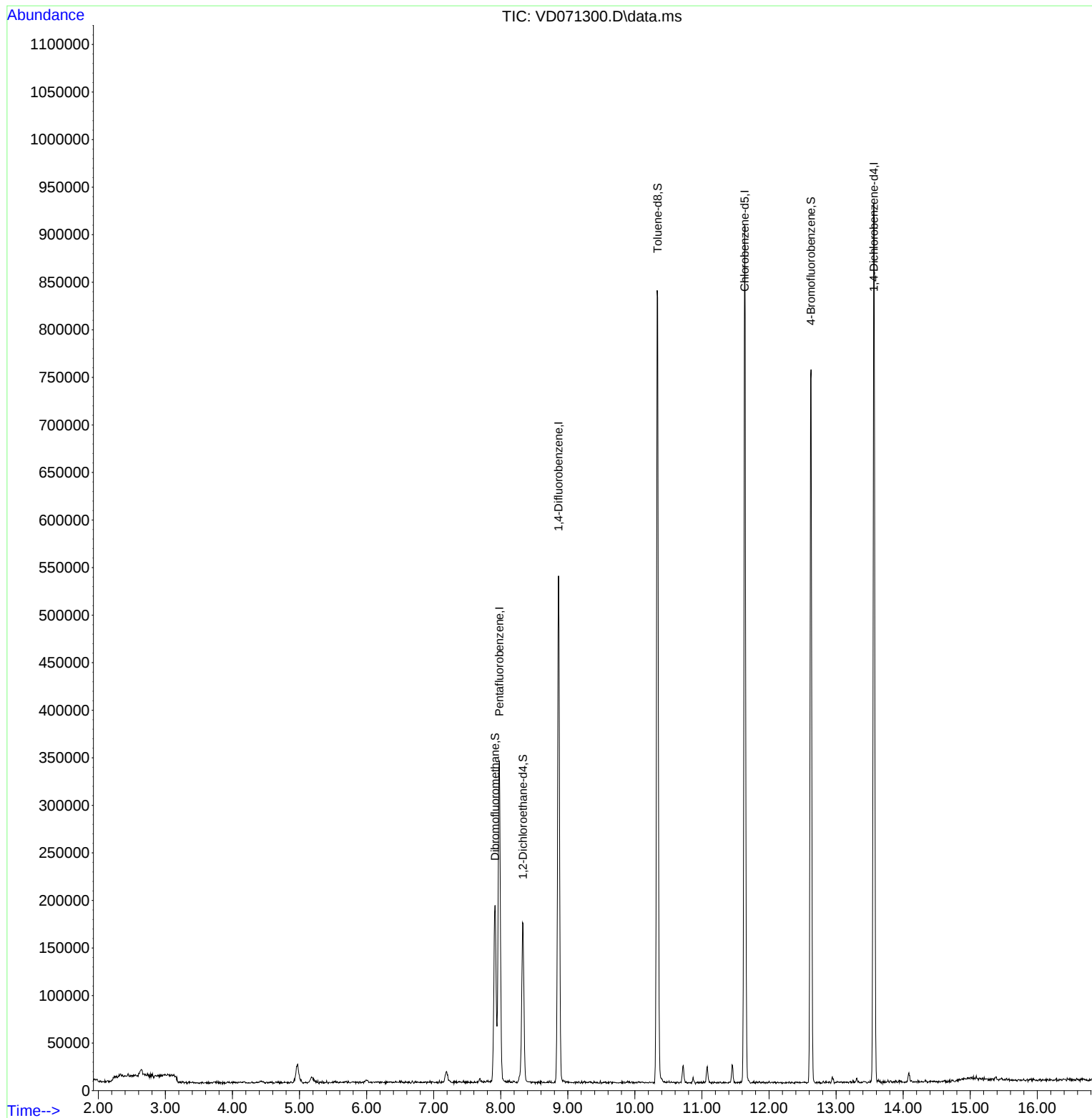
Target Compounds	Qvalue

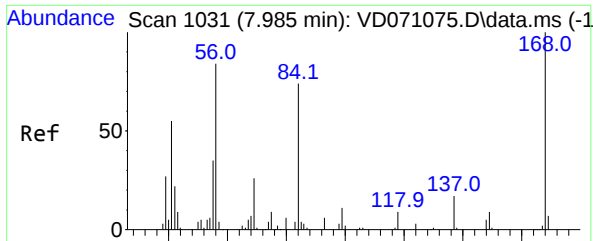
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.006 min

Lab File: VD071300.D

Acq: 13 Dec 2021 16:56

Instrument :

MSVOA_D

ClientSampleId :

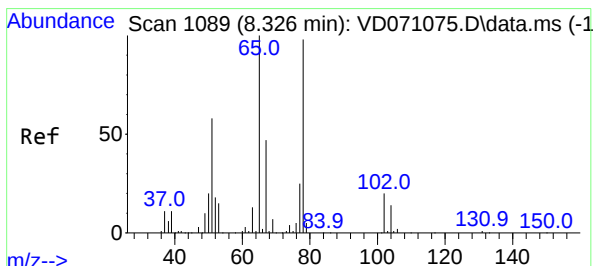
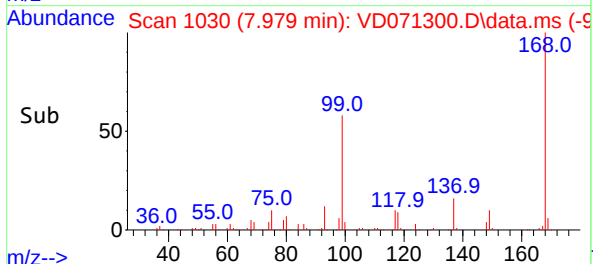
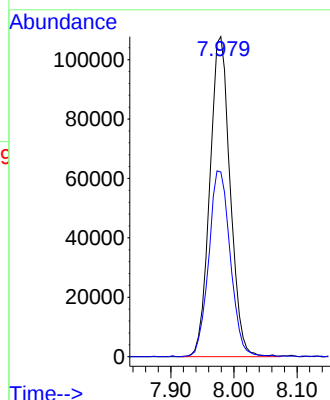
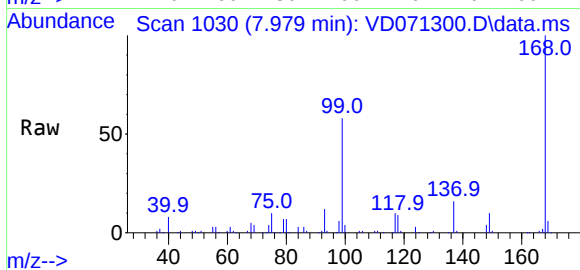
SU-04-121021

Tgt Ion:168 Resp: 241075

Ion Ratio Lower Upper

168 100

99 57.7 46.6 69.8



1,2-Dichloroethane-d4

Concen: 45.872 ug/l

RT: 8.332 min Scan# 1090

Delta R.T. 0.006 min

Lab File: VD071300.D

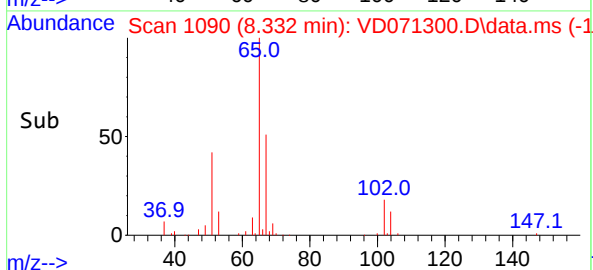
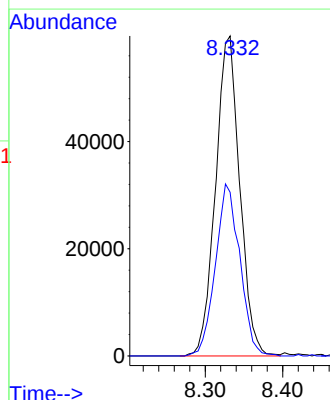
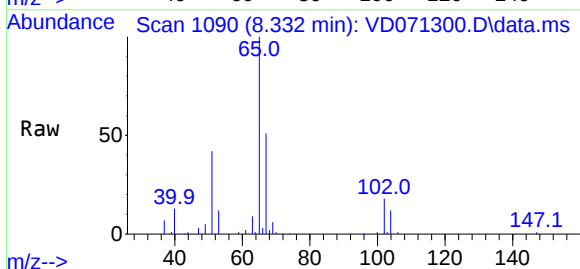
Acq: 13 Dec 2021 16:56

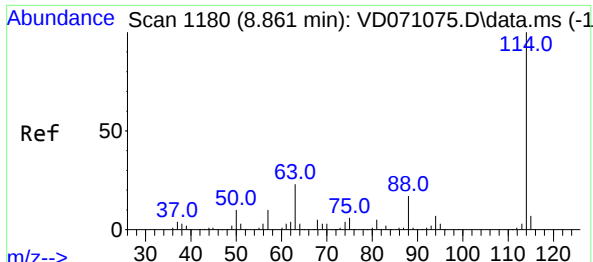
Tgt Ion: 65 Resp: 129760

Ion Ratio Lower Upper

65 100

67 54.2 0.0 112.2



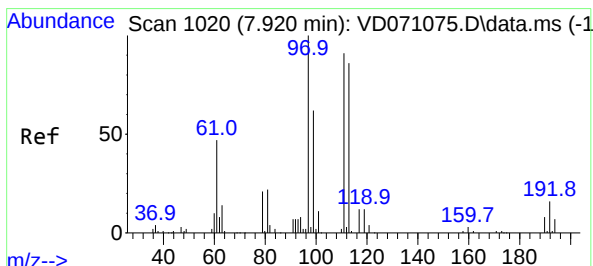
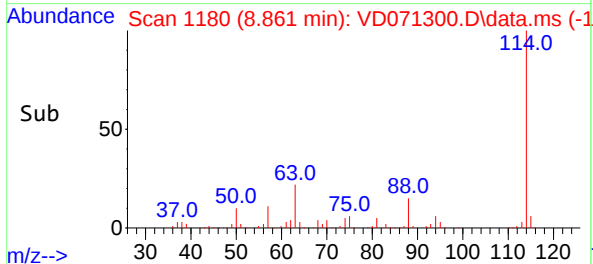
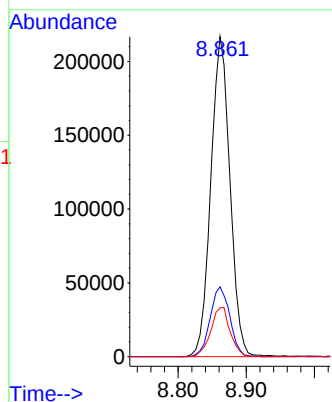
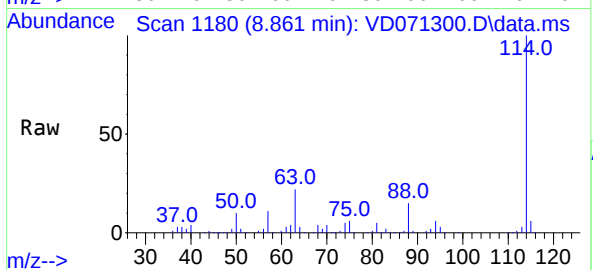


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD071300.D
Acq: 13 Dec 2021 16:56

Instrument :
MSVOA_D
ClientSampleId :
SU-04-121021

Tgt Ion:114 Resp: 423715

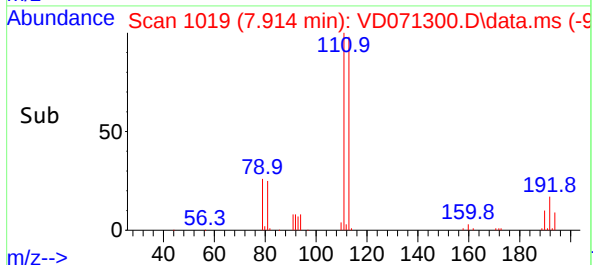
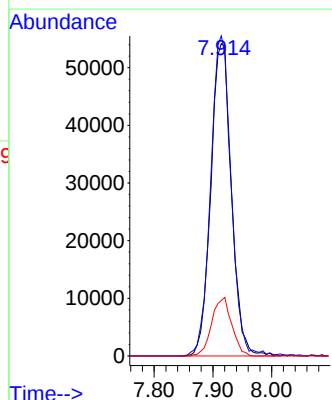
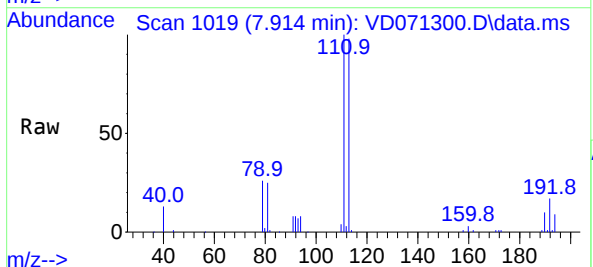
Ion	Ratio	Lower	Upper
114	100		
63	21.9	0.0	41.8
88	15.3	0.0	32.8

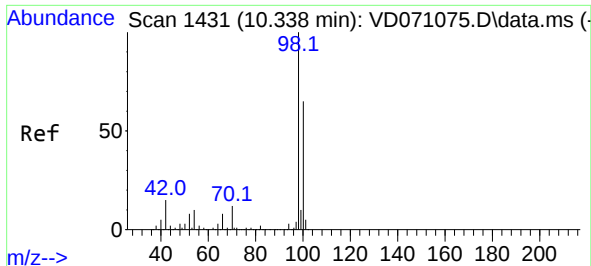


#35
Dibromofluoromethane
Concen: 48.831 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD071300.D
Acq: 13 Dec 2021 16:56

Tgt Ion:113 Resp: 131755

Ion	Ratio	Lower	Upper
113	100		
111	102.0	82.0	123.0
192	18.1	15.2	22.8

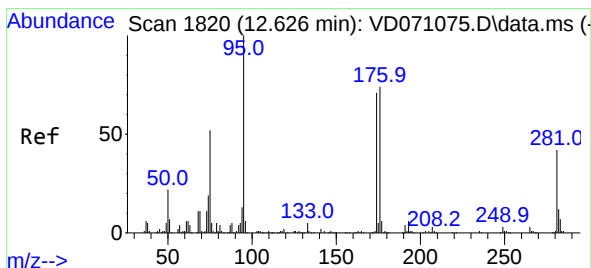
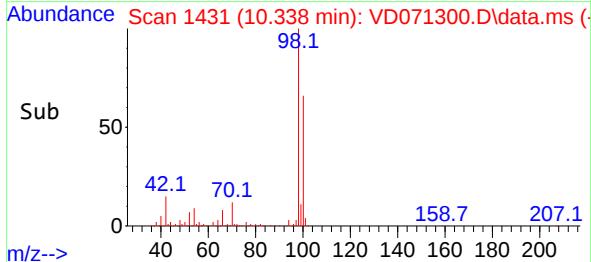
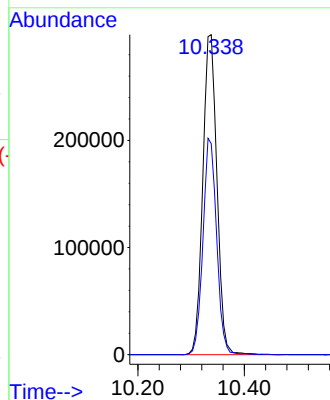
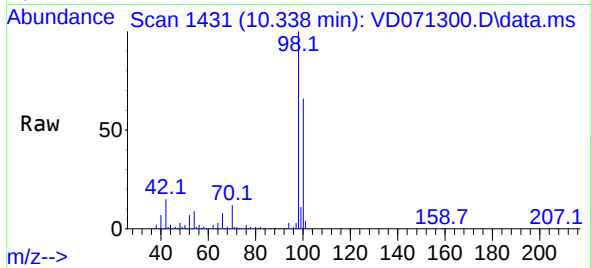




#50
Toluene-d8
Concen: 53.509 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD071300.D
Acq: 13 Dec 2021 16:56

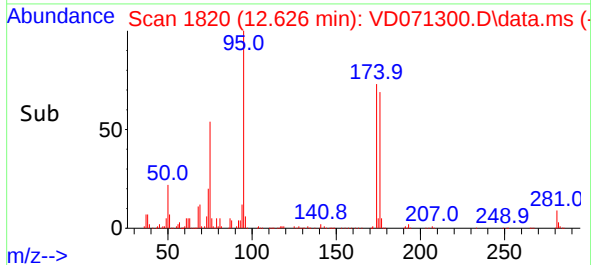
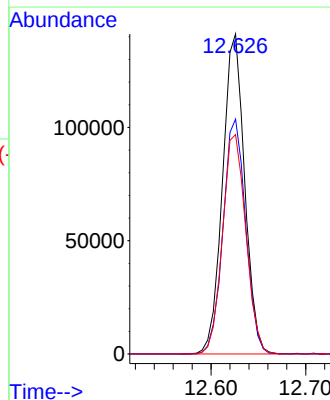
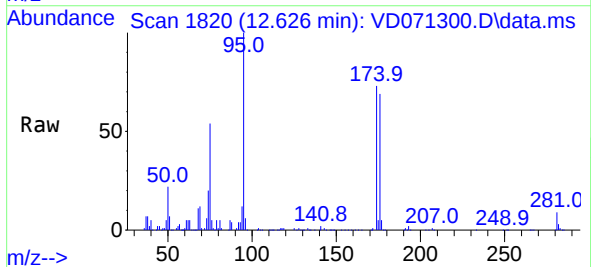
Instrument :
MSVOA_D
ClientSampleId :
SU-04-121021

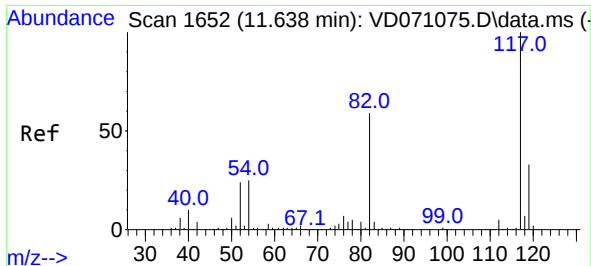
Tgt Ion: 98 Resp: 549426
Ion Ratio Lower Upper
98 100
100 65.5 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 64.249 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071300.D
Acq: 13 Dec 2021 16:56

Tgt Ion: 95 Resp: 228679
Ion Ratio Lower Upper
95 100
174 75.0 0.0 159.4
176 72.4 0.0 154.0

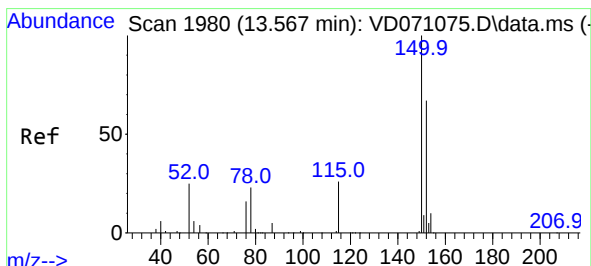
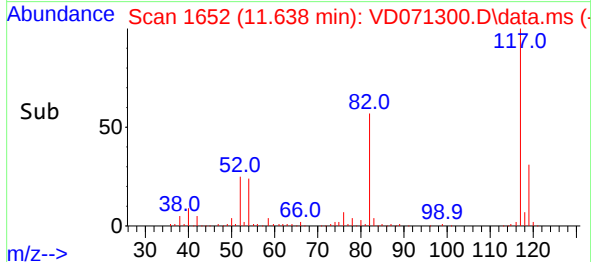
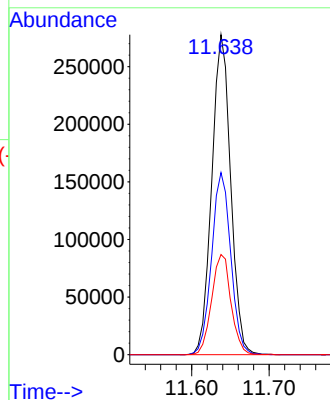
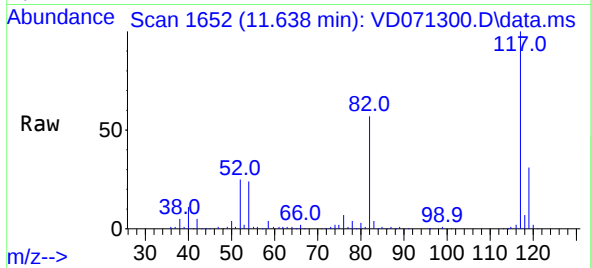




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VD071300.D
Acq: 13 Dec 2021 16:56

Instrument :
MSVOA_D
ClientSampleId :
SU-04-121021

Tgt Ion:117 Resp: 470334
Ion Ratio Lower Upper
117 100
82 56.9 44.7 67.1
119 31.3 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD071300.D
Acq: 13 Dec 2021 16:56

Tgt Ion:152 Resp: 228312
Ion Ratio Lower Upper
152 100
115 61.2 29.8 89.3
150 157.2 0.0 349.2

