

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111921\
 Data File : VD071056.D
 Acq On : 19 Nov 2021 15:00
 Operator : VA/SY
 Sample : M4758-31
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP16

Quant Time: Nov 22 02:53:05 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110921S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 10 03:55:51 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	20707	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	38377	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	40185	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	19825	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	17648	80.048	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	160.100%
35) Dibromofluoromethane	7.914	113	12456	57.519	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	115.040%
50) Toluene-d8	10.338	98	49031	57.814	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	115.620%
62) 4-Bromofluorobenzene	12.626	95	18644	61.056	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	122.120%

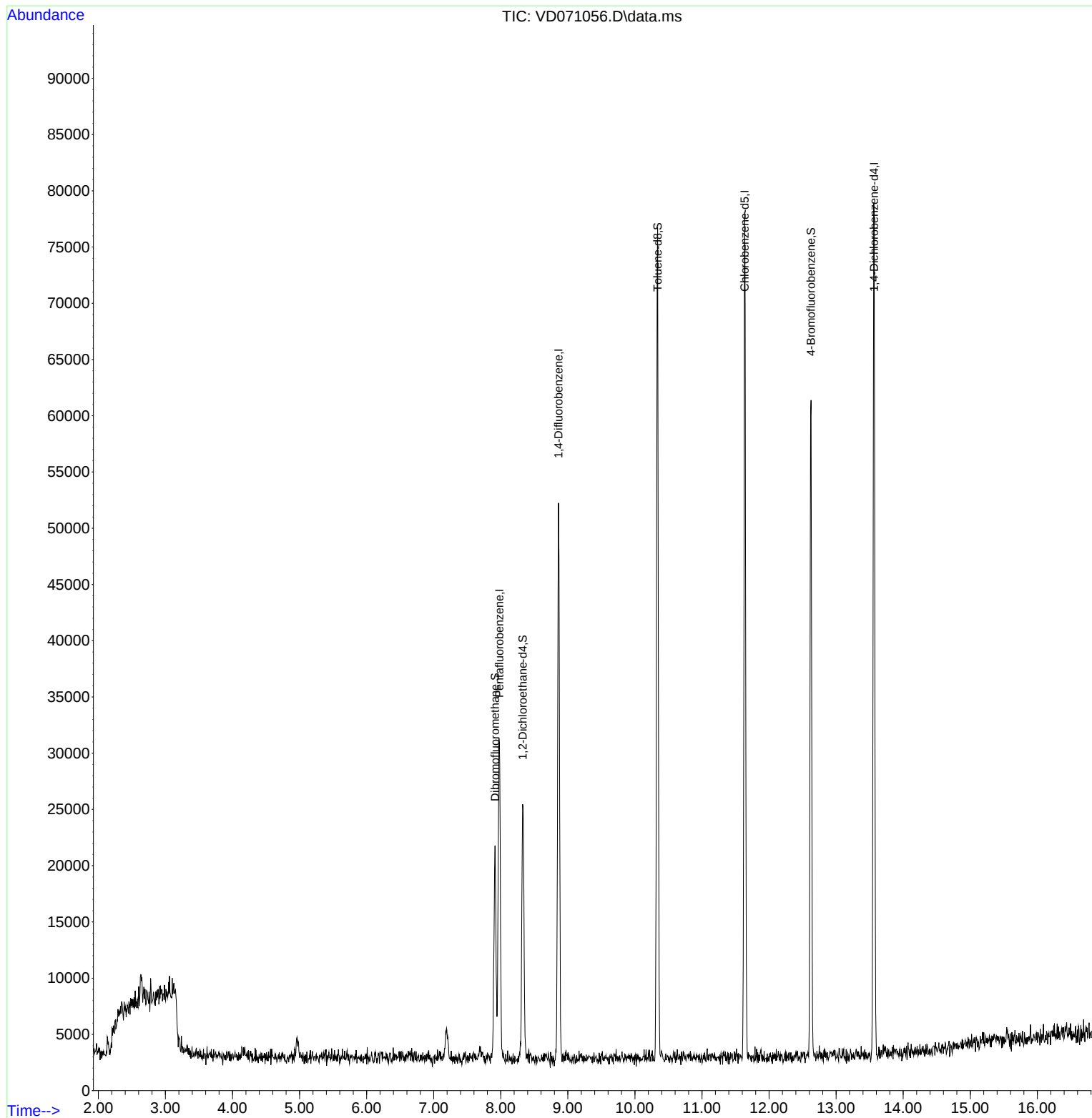
Target Compounds	Qvalue

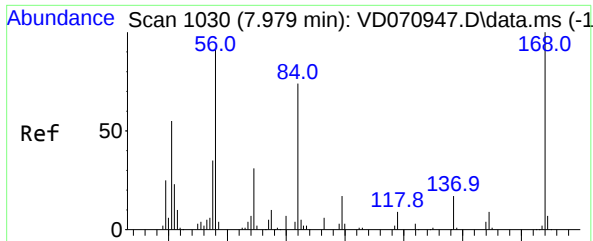
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.000 min

Lab File: VD071056.D

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Instrument :

MSVOA_D

ClientSampleId :

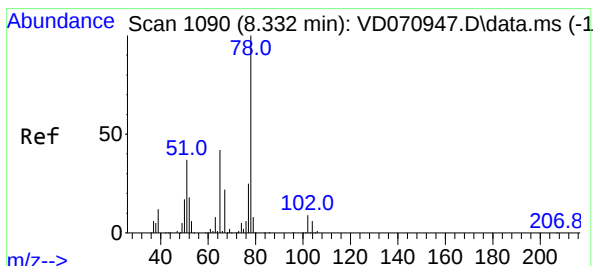
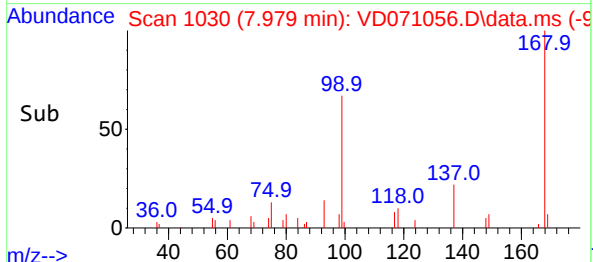
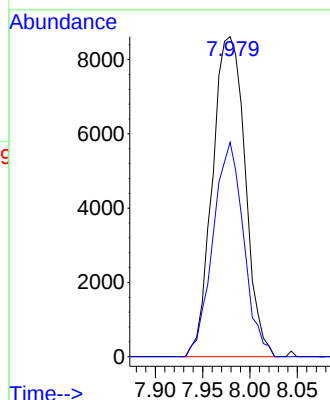
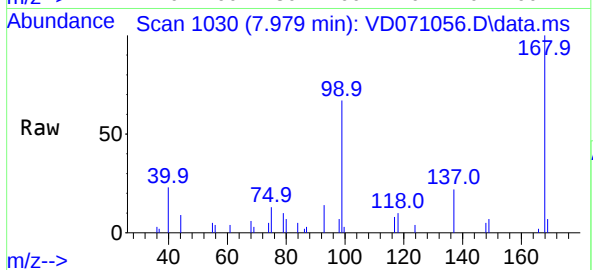
TP16

Tgt Ion:168 Resp: 20707

Ion Ratio Lower Upper

168 100

99 67.0 46.6 69.8



1,2-Dichloroethane-d4

Concen: 80.048 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.006 min

Lab File: VD071056.D

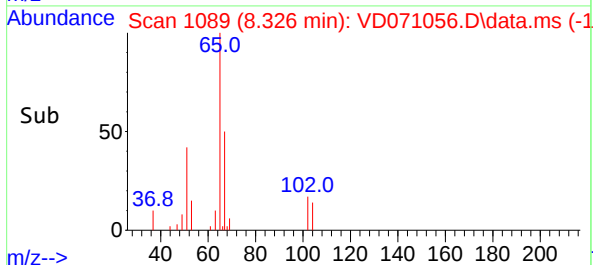
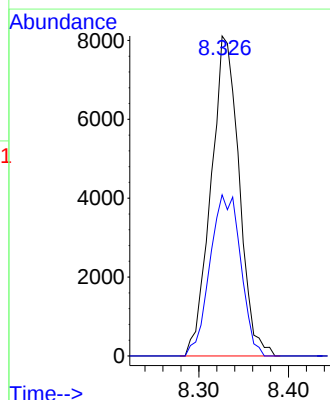
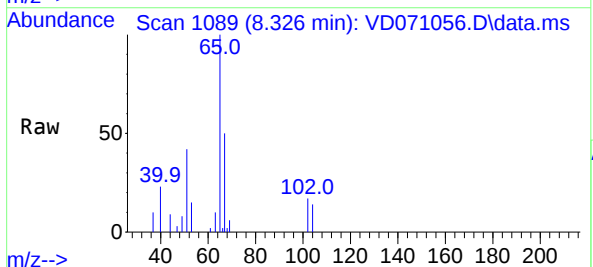
Acq: 19 Nov 2021 15:00

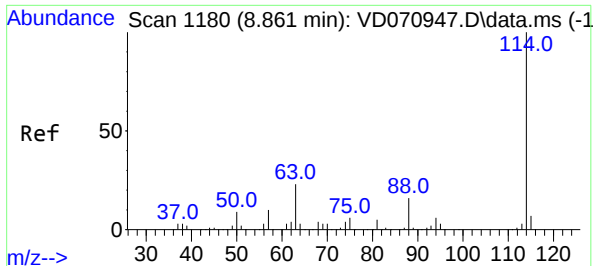
Tgt Ion: 65 Resp: 17648

Ion Ratio Lower Upper

65 100

67 55.1 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: VD071056.D

Acq: 19 Nov 2021 15:00

Instrument :

MSVOA_D

ClientSampleId :

TP16

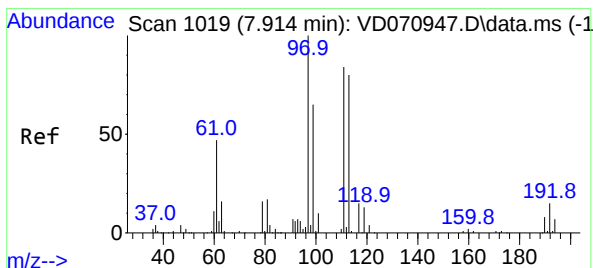
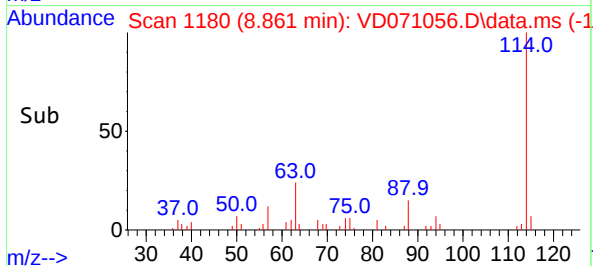
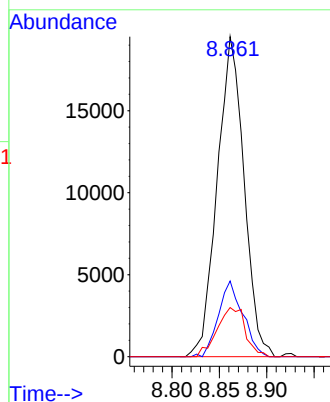
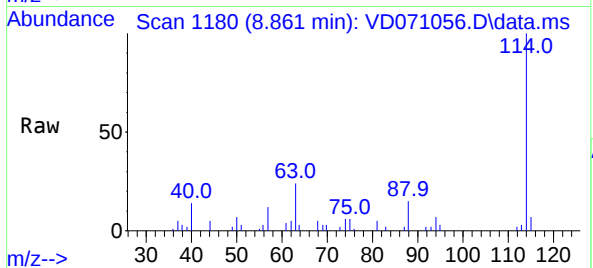
Tgt Ion:114 Resp: 38377

Ion Ratio Lower Upper

114 100

63 23.6 0.0 41.8

88 15.3 0.0 32.8



#35

Dibromofluoromethane

Concen: 57.519 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.000 min

Lab File: VD071056.D

Acq: 19 Nov 2021 15:00

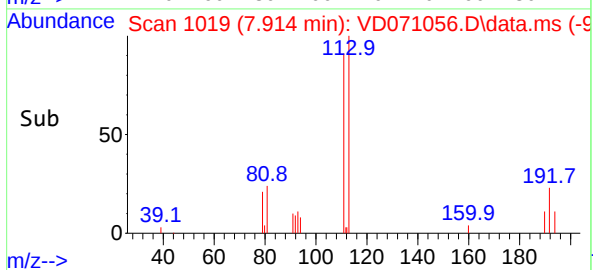
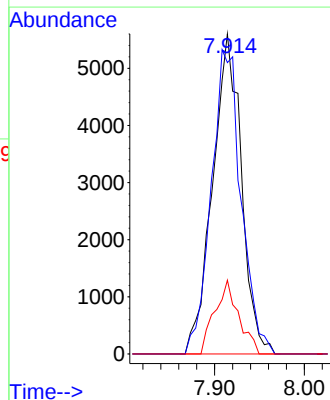
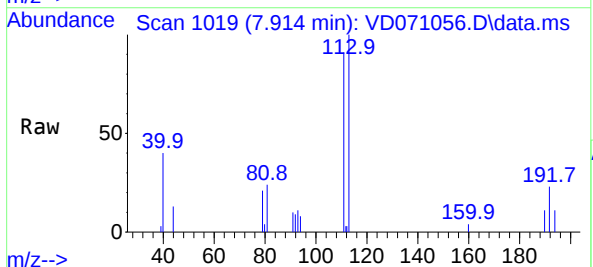
Tgt Ion:113 Resp: 12456

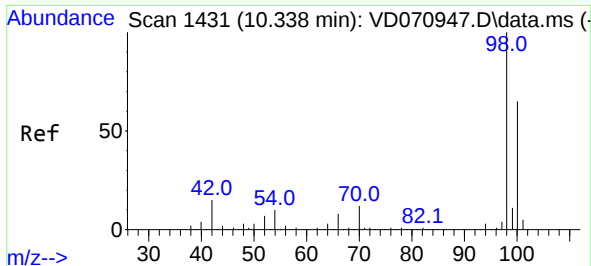
Ion Ratio Lower Upper

113 100

111 98.8 82.0 123.0

192 19.1 15.2 22.8

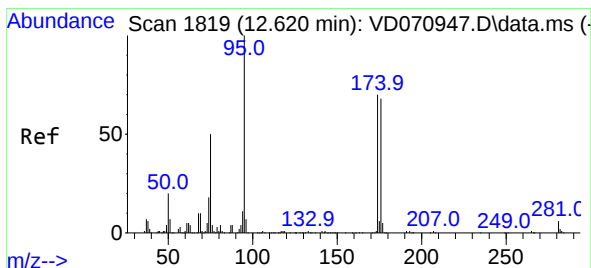
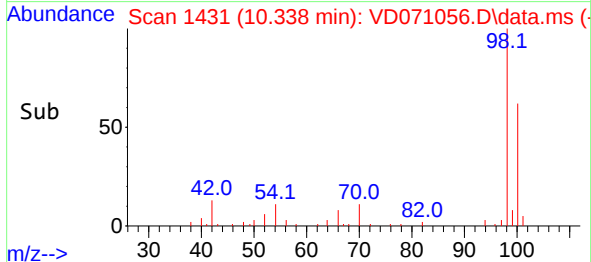
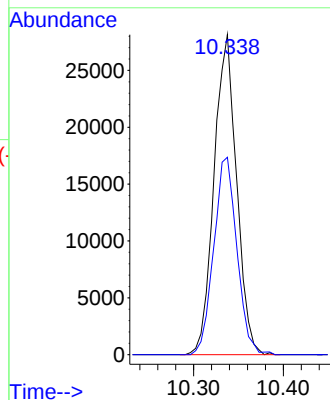
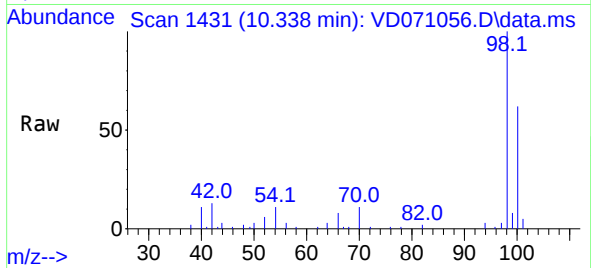




#50
Toluene-d8
Concen: 57.814 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD071056.D
Acq: 19 Nov 2021 15:00

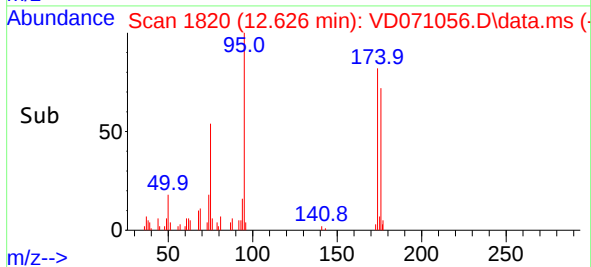
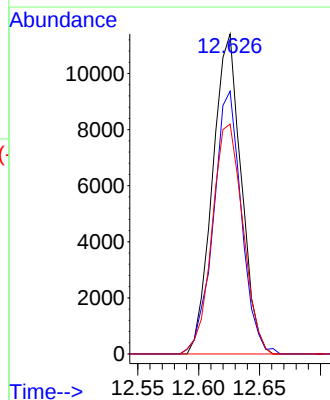
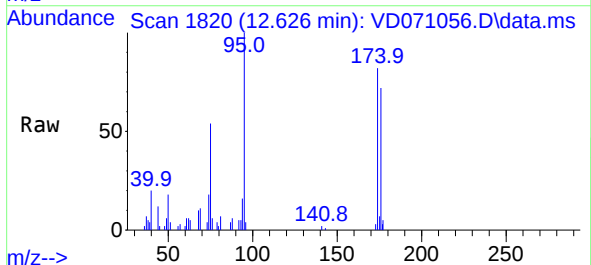
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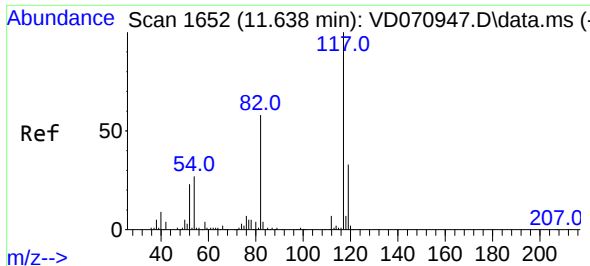
Tgt Ion: 98 Resp: 49031
Ion Ratio Lower Upper
98 100
100 63.4 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 61.056 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD071056.D
Acq: 19 Nov 2021 15:00

Tgt Ion: 95 Resp: 18644
Ion Ratio Lower Upper
95 100
174 80.4 0.0 159.4
176 77.0 0.0 154.0

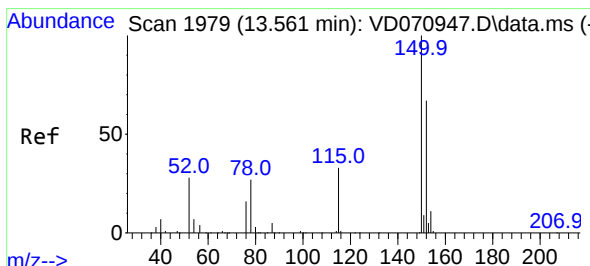
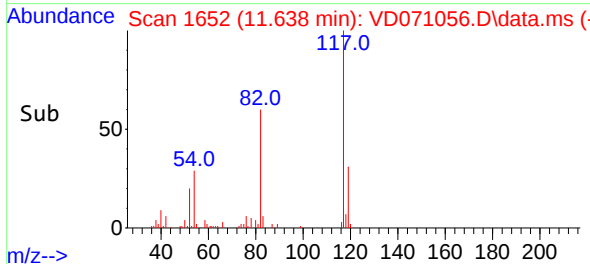
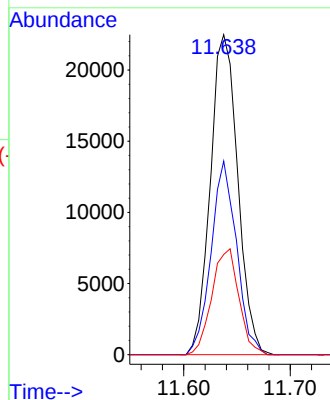
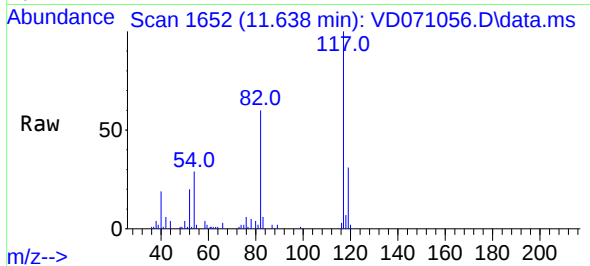




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD071056.D
Acq: 19 Nov 2021 15:00

Instrument :
MSVOA_D
ClientSampleId :
TP16

Tgt Ion:	117	Resp:	40185
Ion	Ratio	Lower	Upper
117	100		
82	60.5	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. 0.006 min
Lab File: VD071056.D
Acq: 19 Nov 2021 15:00

Tgt Ion:	152	Resp:	19825
Ion	Ratio	Lower	Upper
152	100		
115	59.8	29.8	89.3
150	147.3	0.0	349.2

