

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051022\
 Data File : VD072917.D
 Acq On : 10 May 2022 16:31
 Operator : VA/SY
 Sample : N2769-01
 Misc : 5.26G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CL-02-051022

Quant Time: May 11 05:52:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 03 08:33:49 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	9046	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	18198	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	17665	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	11536	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	8523	72.583	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	145.160%
35) Dibromofluoromethane	7.909	113	6559	51.320	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.640%
50) Toluene-d8	10.326	98	22597	49.289	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.580%
62) 4-Bromofluorobenzene	12.626	95	13040	76.282	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	152.560%#

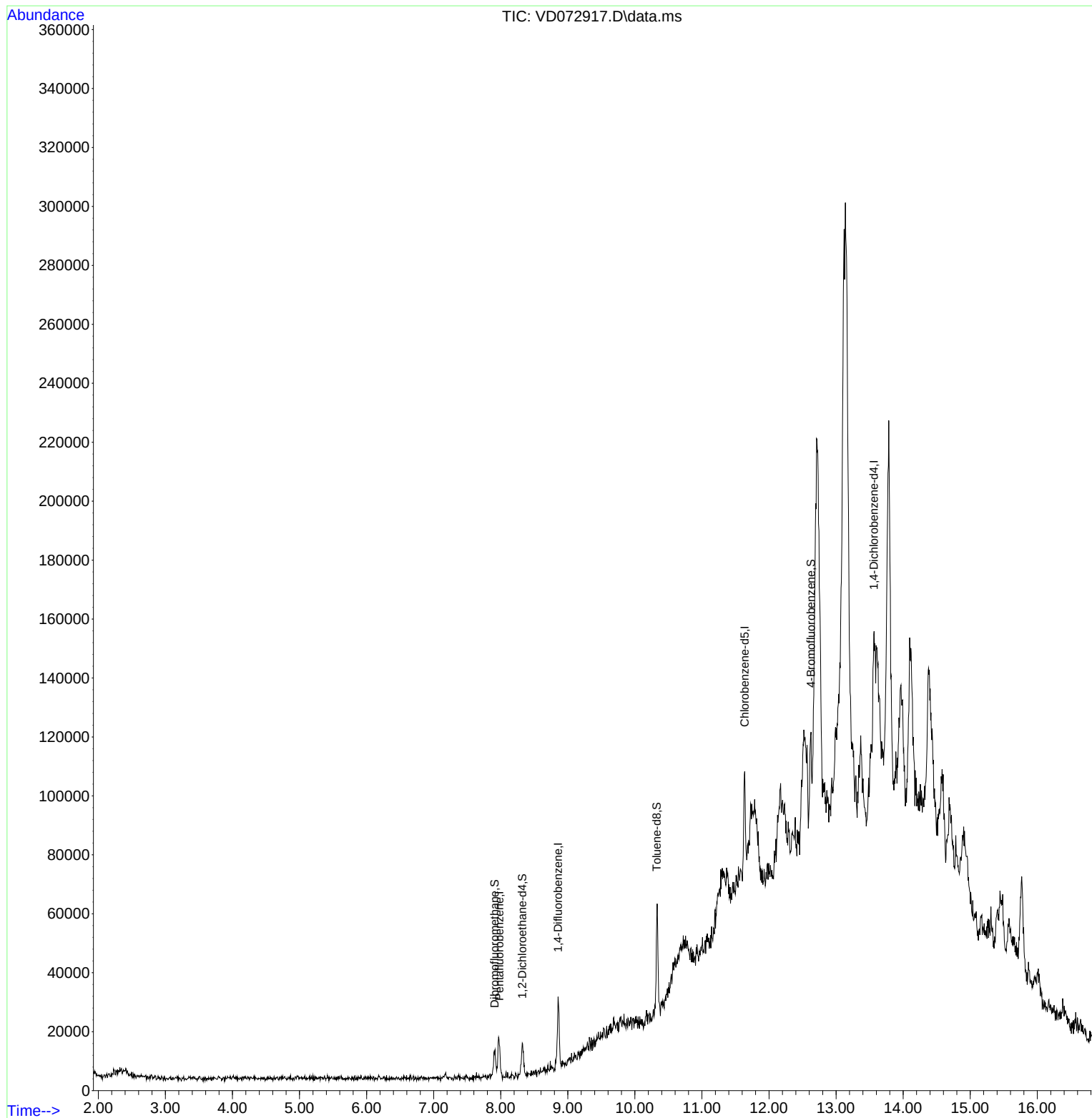
Target Compounds	Qvalue

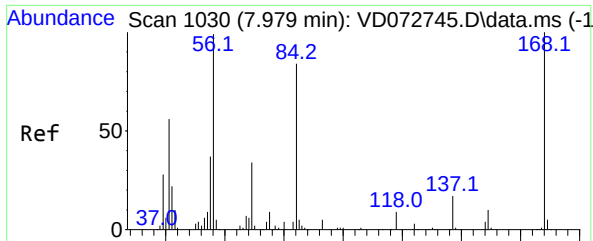
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. 0.000 min

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MSVOA_D

ClientSampleId :

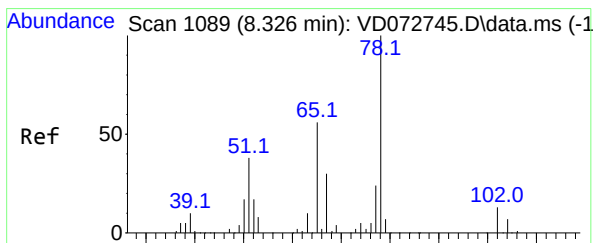
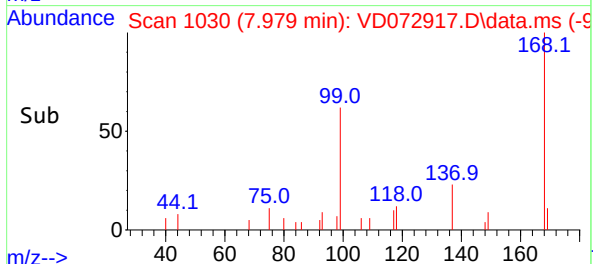
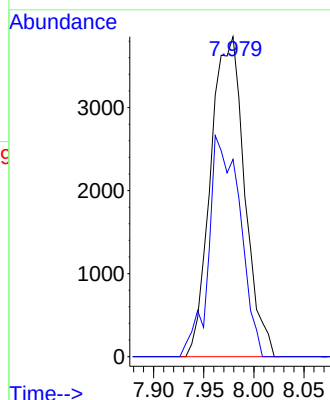
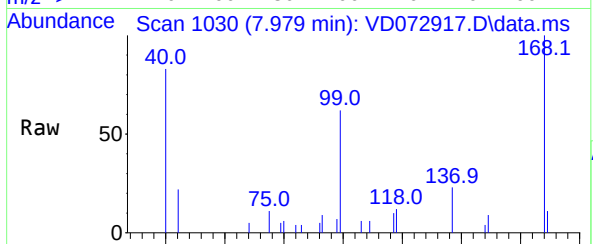
CL-02-051022

Tgt Ion:168 Resp: 9046

Ion Ratio Lower Upper

168 100

99 61.6 49.8 74.6



1,2-Dichloroethane-d4

Concen: 72.583 ug/l

RT: 8.320 min Scan# 1088

Delta R.T. -0.006 min

Lab File: VD072917.D

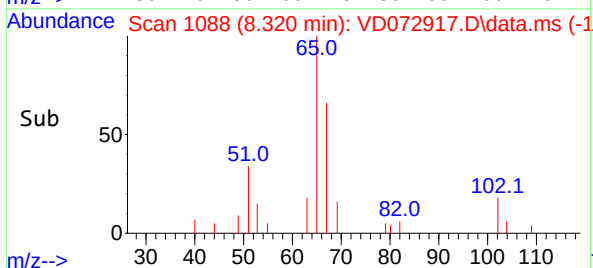
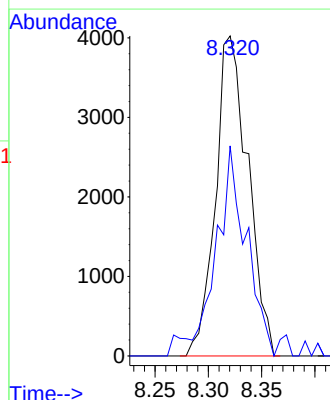
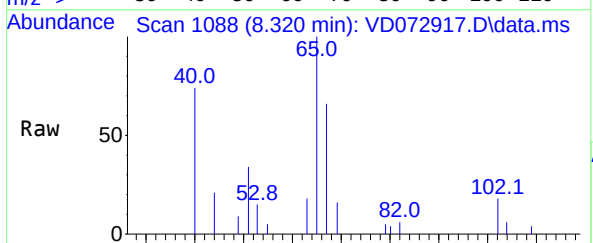
Acq: 10 May 2022 16:31

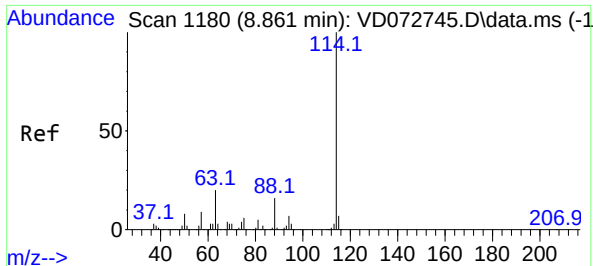
Tgt Ion: 65 Resp: 8523

Ion Ratio Lower Upper

65 100

67 62.8 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.856 min Scan# 11

Delta R.T. -0.005 min

Lab File: VD072917.D

Acq: 10 May 2022 16:31

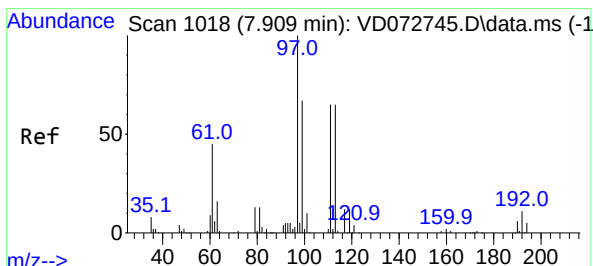
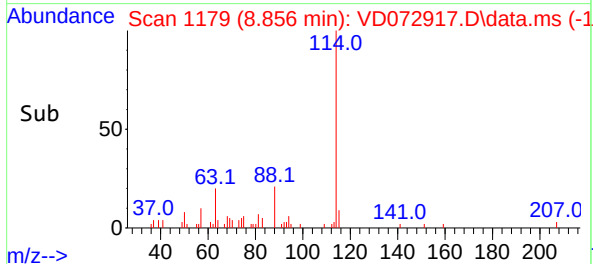
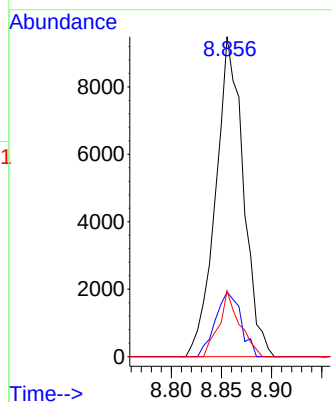
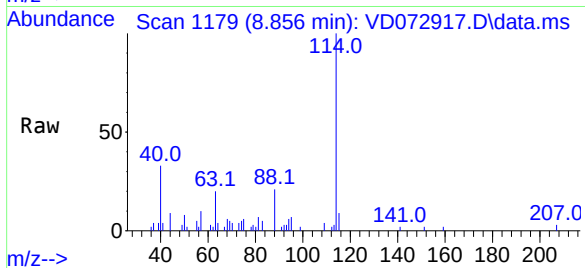
Instrument :

MSVOA_D

ClientSampleId :

CL-02-051022

Tgt Ion:	114	Resp:	18198
Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	46.6
88	20.6	0.0	33.2



#35

Dibromofluoromethane

Concen: 51.320 ug/l

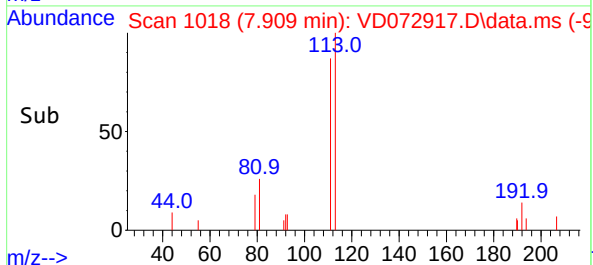
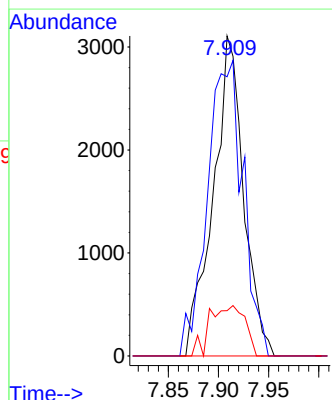
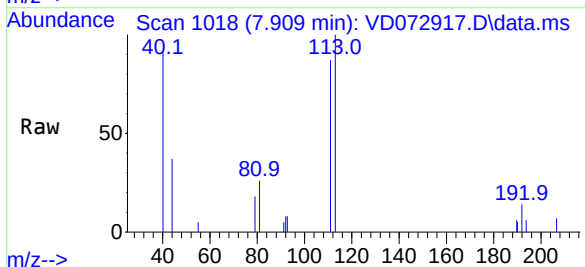
RT: 7.909 min Scan# 1018

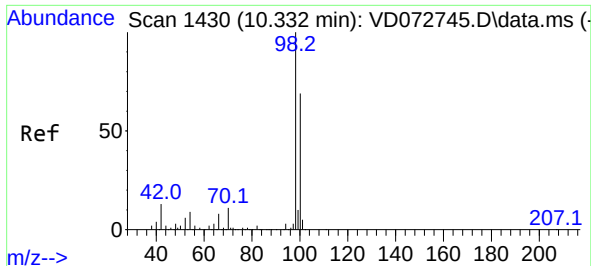
Delta R.T. -0.000 min

Lab File: VD072917.D

Acq: 10 May 2022 16:31

Tgt Ion:	113	Resp:	6559
Ion	Ratio	Lower	Upper
113	100		
111	108.2	83.8	125.6
192	18.3	14.6	21.8

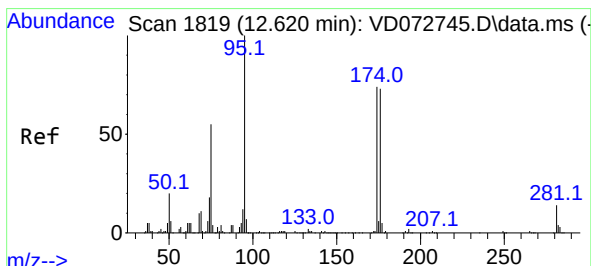
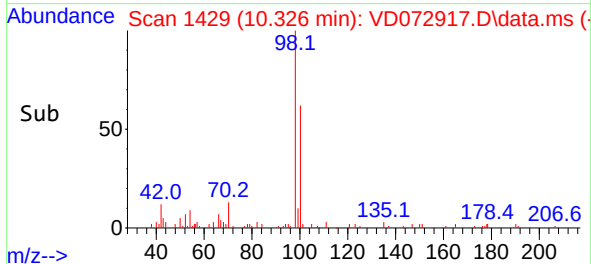
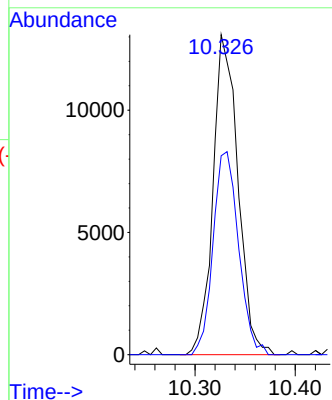
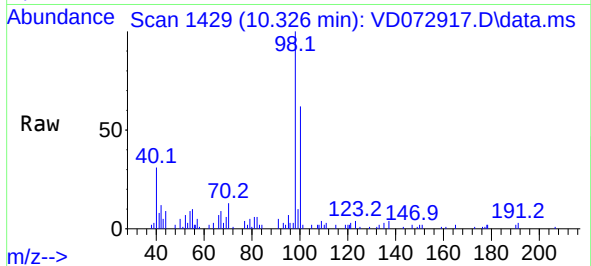




#50
Toluene-d8
Concen: 49.289 ug/l
RT: 10.326 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD072917.D
Acq: 10 May 2022 16:31

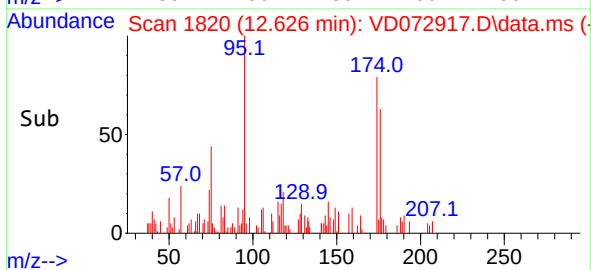
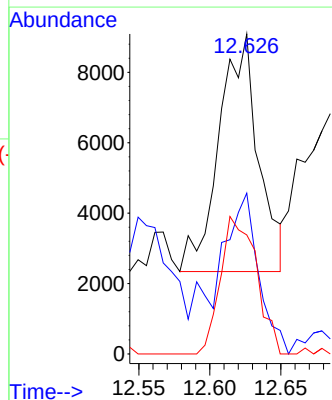
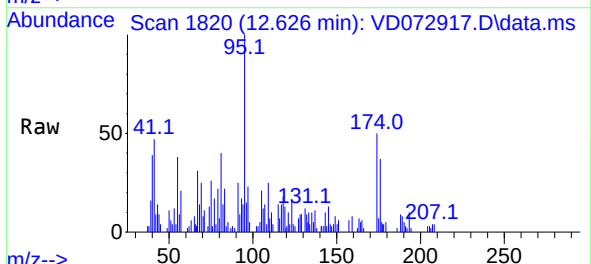
Instrument :
MSVOA_D
ClientSampleId :
CL-02-051022

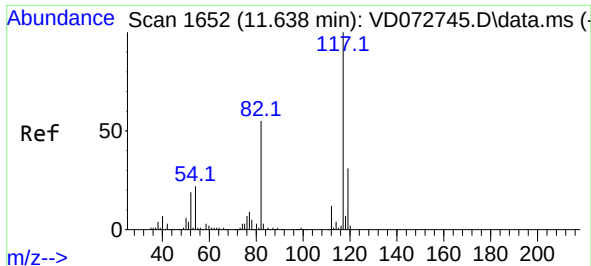
Tgt Ion: 98 Resp: 22597
Ion Ratio Lower Upper
98 100
100 64.8 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 76.282 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD072917.D
Acq: 10 May 2022 16:31

Tgt Ion: 95 Resp: 13040
Ion Ratio Lower Upper
95 100
174 56.3 0.0 152.8
176 52.6 0.0 145.4

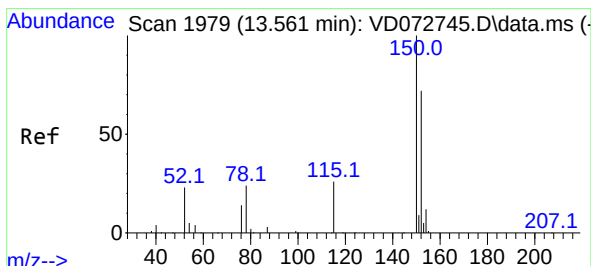
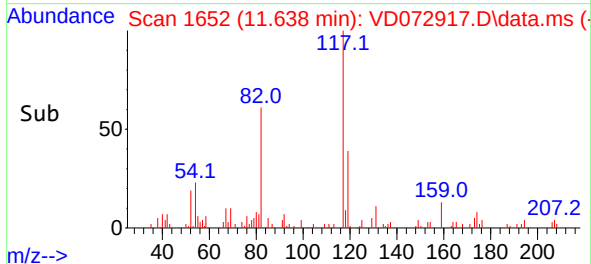
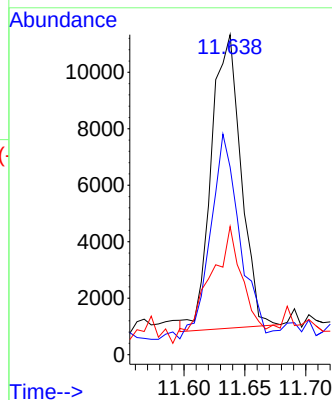
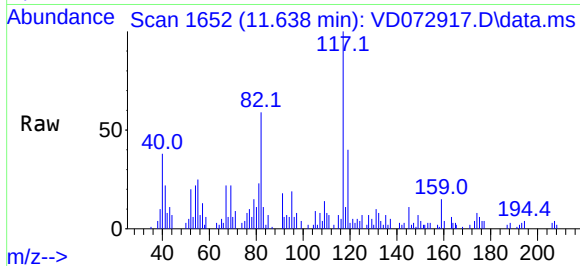




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD072917.D
Acq: 10 May 2022 16:31

Instrument :
MSVOA_D
ClientSampleId :
CL-02-051022

Tgt Ion:	117	Resp:	17665
Ion	Ratio	Lower	Upper
117	100		
82	59.2	45.3	67.9
119	35.2	26.6	40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD072917.D
Acq: 10 May 2022 16:31

Tgt Ion:	152	Resp:	11536
Ion	Ratio	Lower	Upper
152	100		
115	54.7	31.3	93.8
150	121.2	0.0	348.6

