

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031622\
 Data File : VD072212.D
 Acq On : 16 Mar 2022 12:16
 Operator : VA/SY
 Sample : VD0316SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0316SBL01

Quant Time: Mar 16 14:59:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 14 05:18:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	690956	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1101564	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	1144433	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	578571	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	302349	39.264	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	78.520%
35) Dibromofluoromethane	7.914	113	326647	42.138	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	84.280%
50) Toluene-d8	10.332	98	1373395	48.454	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.900%
62) 4-Bromofluorobenzene	12.626	95	573802	52.100	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	104.200%

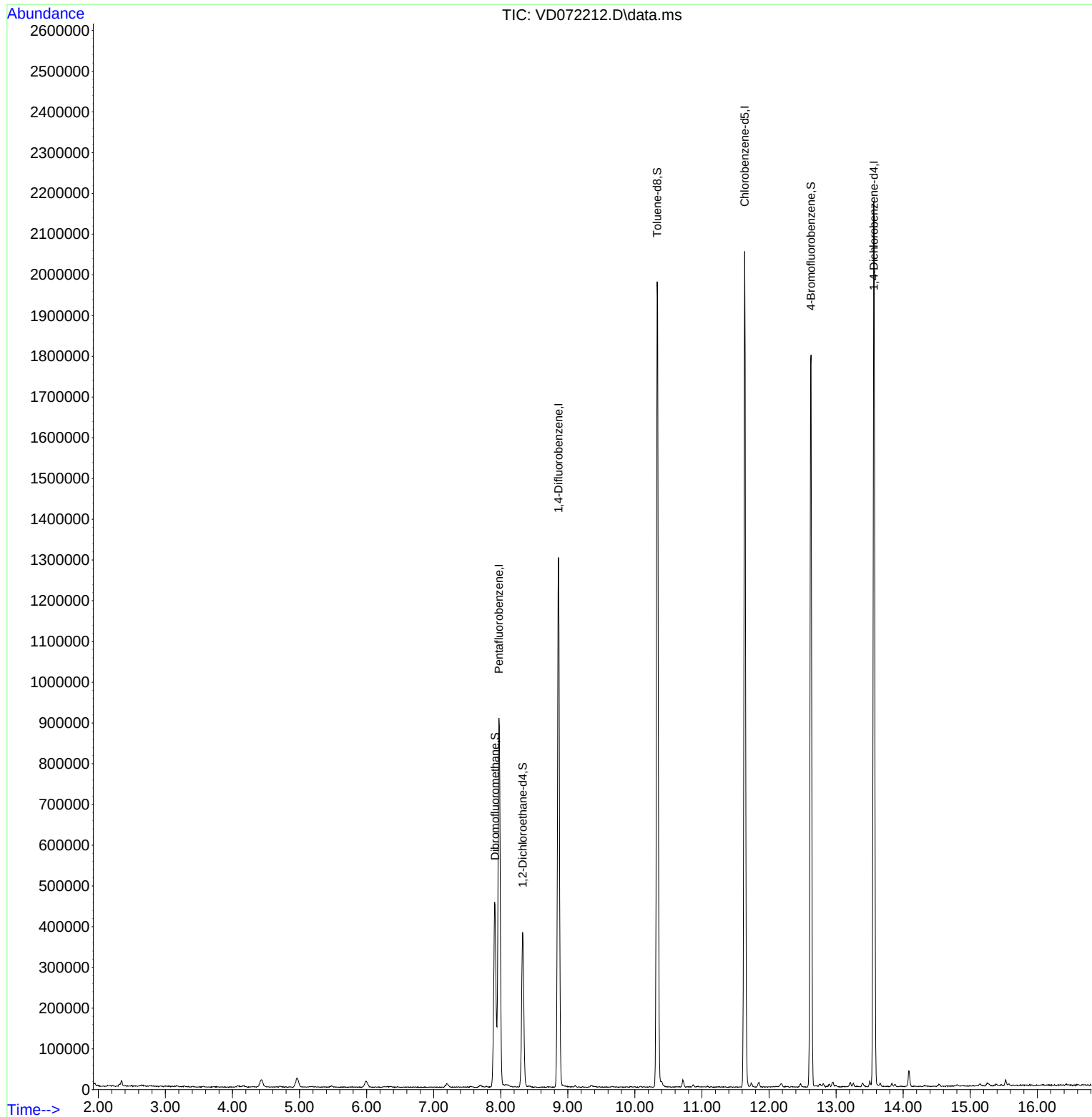
Target Compounds	Qvalue

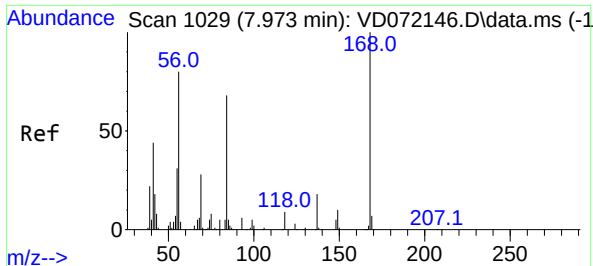
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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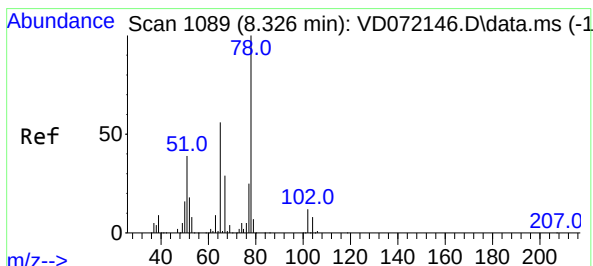
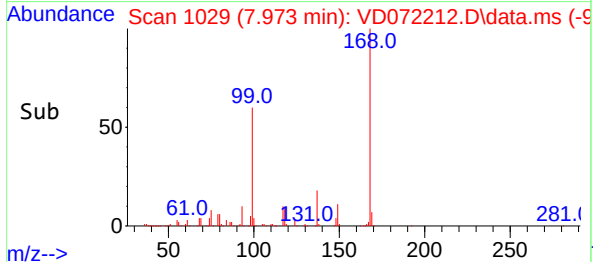
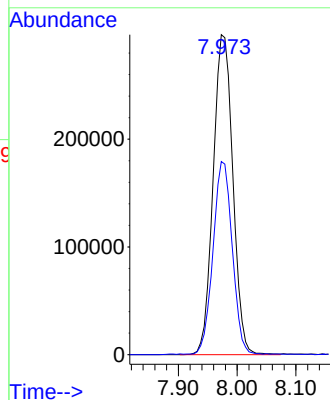
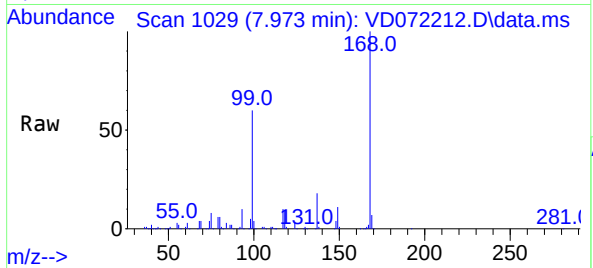




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD072212.D
Acq: 16 Mar 2022 12:16

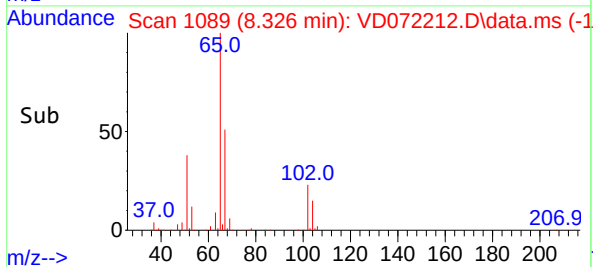
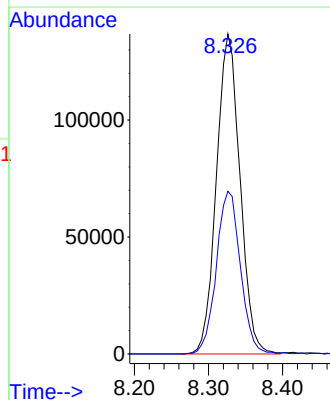
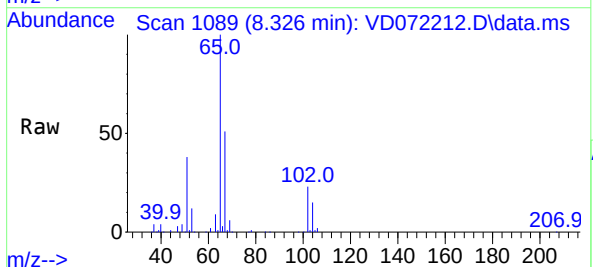
Instrument :
MSVOA_D
ClientSampleId :
VD0316SBL01

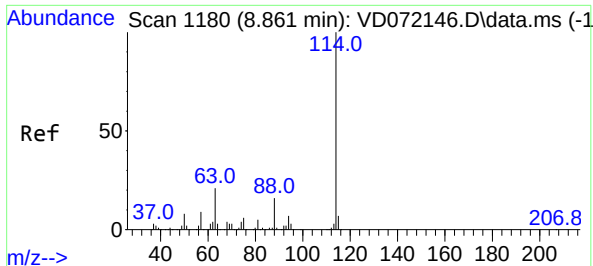
Tgt Ion:168 Resp: 690956
Ion Ratio Lower Upper
168 100
99 60.1 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 39.264 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD072212.D
Acq: 16 Mar 2022 12:16

Tgt Ion: 65 Resp: 302349
Ion Ratio Lower Upper
65 100
67 52.0 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD072212.D

Acq: 16 Mar 2022 12:16

Instrument :

MSVOA_D

ClientSampleId :

VD0316SBL01

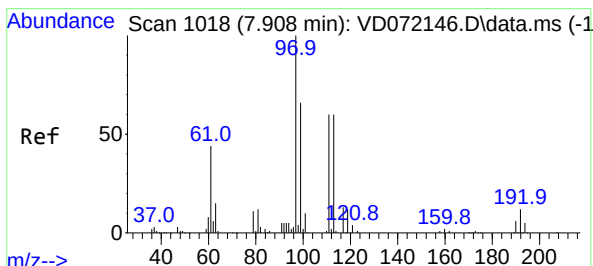
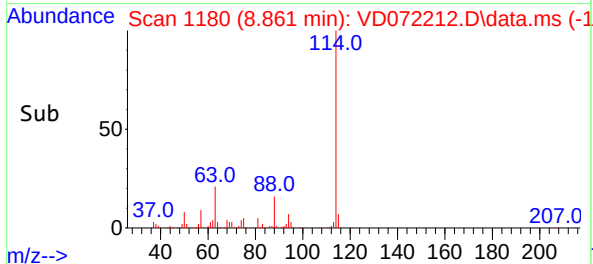
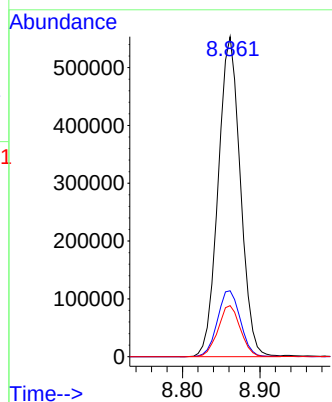
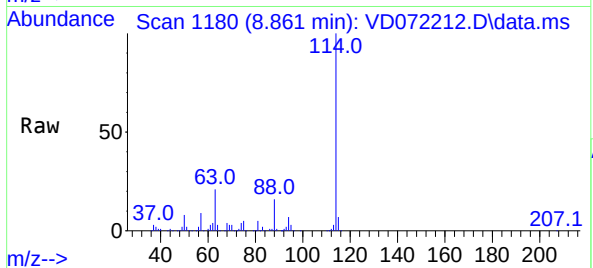
Tgt Ion:114 Resp: 1101564

Ion Ratio Lower Upper

114 100

63 20.6 0.0 46.6

88 16.0 0.0 33.2



#35

Dibromofluoromethane

Concen: 42.138 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.006 min

Lab File: VD072212.D

Acq: 16 Mar 2022 12:16

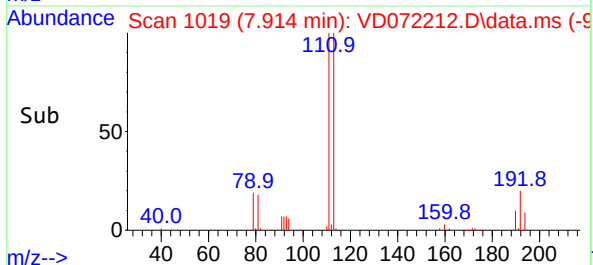
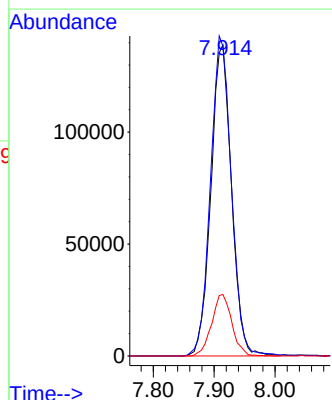
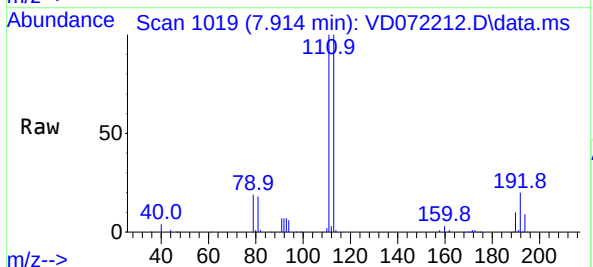
Tgt Ion:113 Resp: 326647

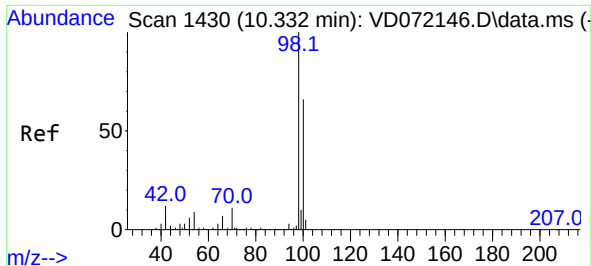
Ion Ratio Lower Upper

113 100

111 104.3 83.8 125.6

192 19.4 14.6 21.8

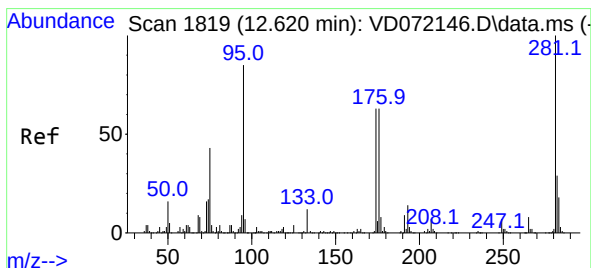
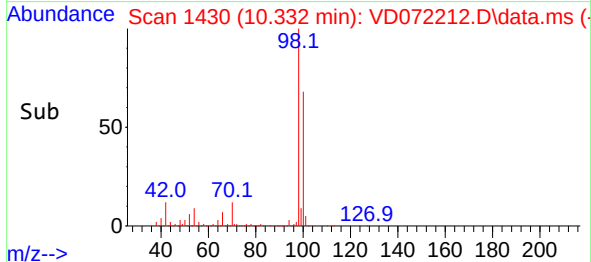
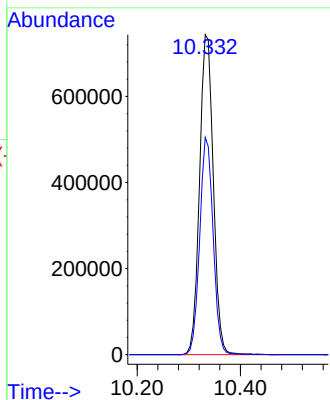
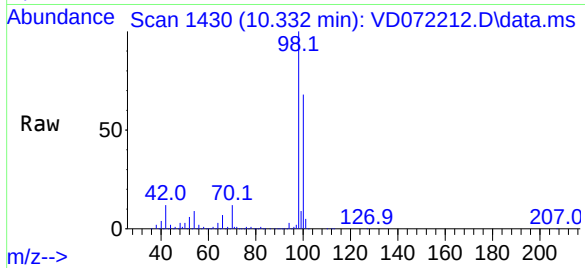




#50
Toluene-d8
Concen: 48.454 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072212.D
Acq: 16 Mar 2022 12:16

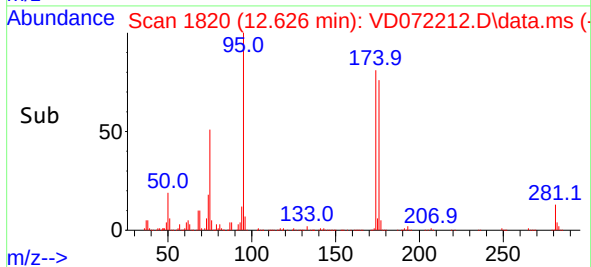
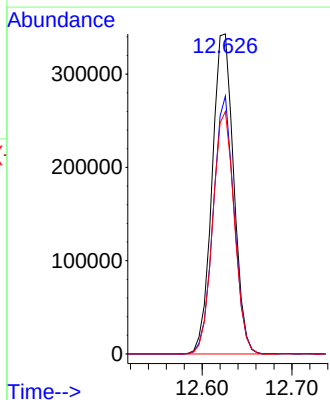
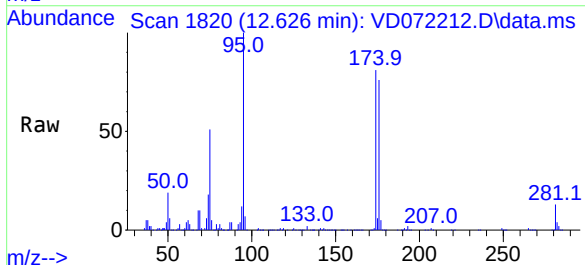
Instrument :
MSVOA_D
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VD0316SBL01

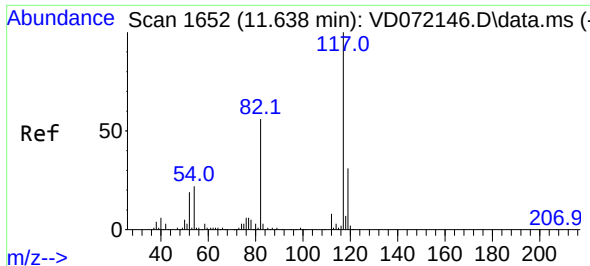
Tgt Ion: 98 Resp: 1373395
Ion Ratio Lower Upper
98 100
100 66.2 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 52.100 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD072212.D
Acq: 16 Mar 2022 12:16

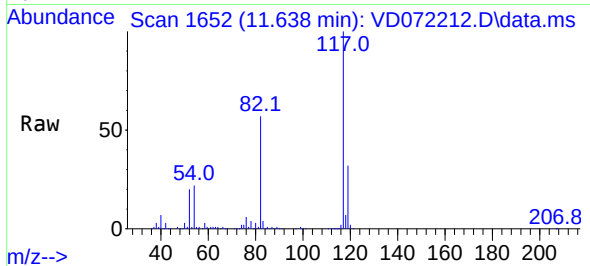
Tgt Ion: 95 Resp: 573802
Ion Ratio Lower Upper
95 100
174 77.6 0.0 152.8
176 75.4 0.0 145.4





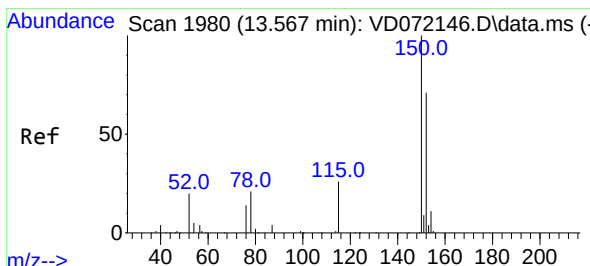
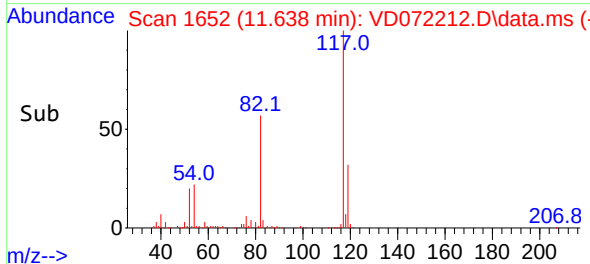
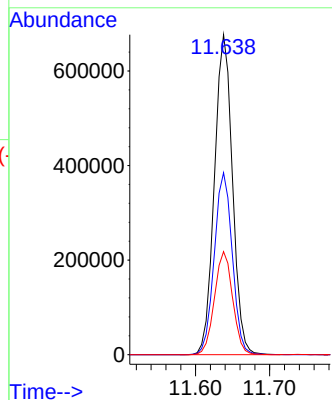
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD072212.D
Acq: 16 Mar 2022 12:16

Instrument :
MSVOA_D
ClientSampleId :
VD0316SBL01



Tgt Ion:117 Resp: 1144433

Ion	Ratio	Lower	Upper
117	100		
82	56.9	45.3	67.9
119	32.2	26.6	40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD072212.D
Acq: 16 Mar 2022 12:16

Tgt Ion:152 Resp: 578571

Ion	Ratio	Lower	Upper
152	100		
115	58.7	31.3	93.8
150	156.7	0.0	348.6

