

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD033022\
 Data File : VD072482.D
 Acq On : 30 Mar 2022 16:41
 Operator : VA/SY
 Sample : N2120-05
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 337

Quant Time: Mar 31 03:09:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D032922S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 30 02:44:36 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	82914	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	145719	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	185520	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	95563	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	67720	67.517	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	135.040%
35) Dibromofluoromethane	7.914	113	58106	51.310	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.620%
50) Toluene-d8	10.338	98	181700	46.159	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	92.320%
62) 4-Bromofluorobenzene	12.626	95	85594	55.676	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	111.360%

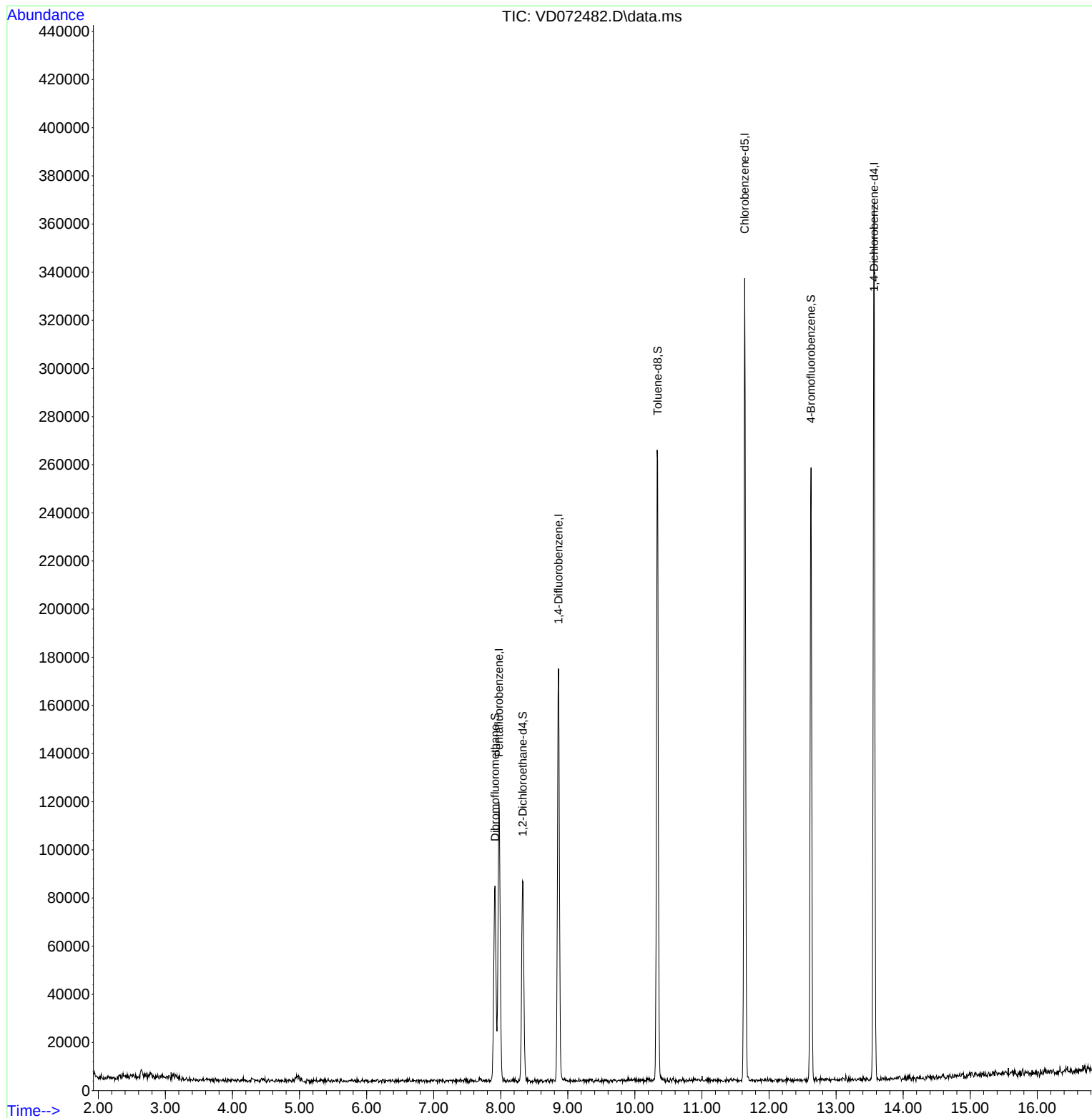
Target Compounds	Qvalue

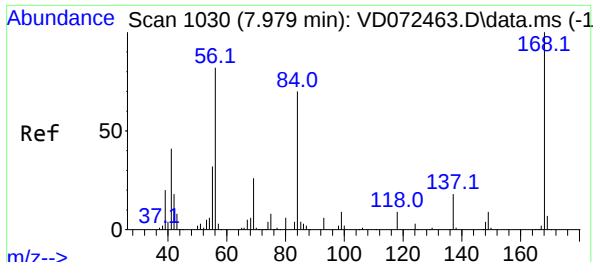
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.006 min

Lab File: VD072482.D

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Instrument :

MSVOA_D

ClientSampleId :

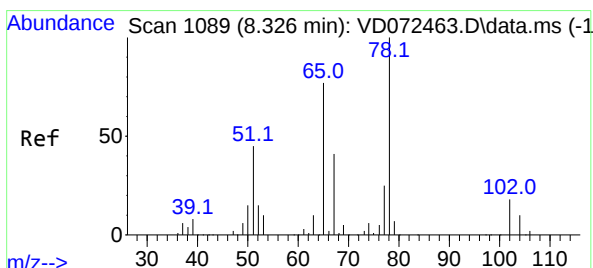
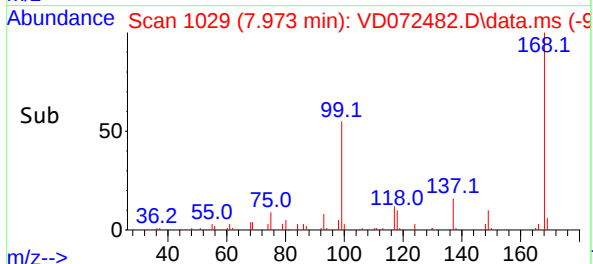
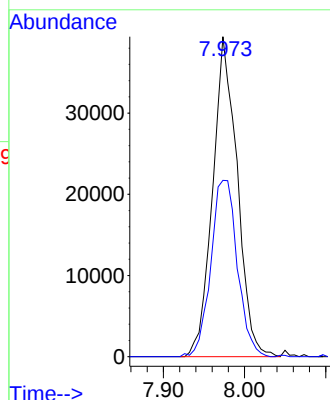
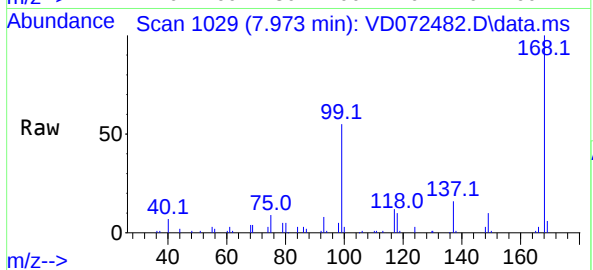
337

Tgt Ion:168 Resp: 82914

Ion Ratio Lower Upper

168 100

99 55.1 49.8 74.6



1,2-Dichloroethane-d4

Concen: 67.517 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD072482.D

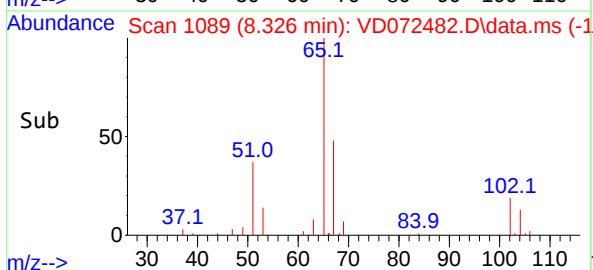
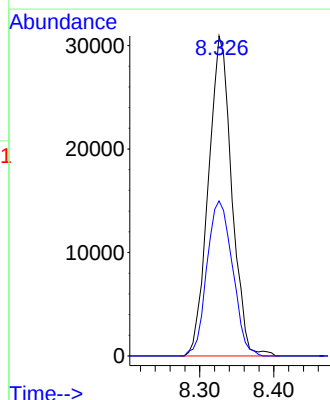
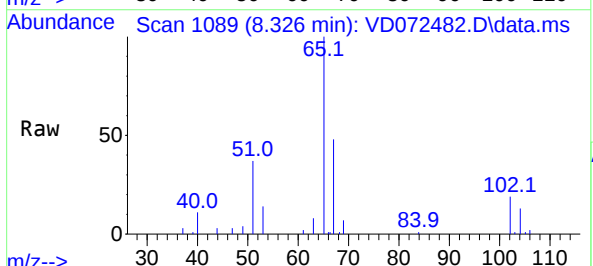
Acq: 30 Mar 2022 16:41

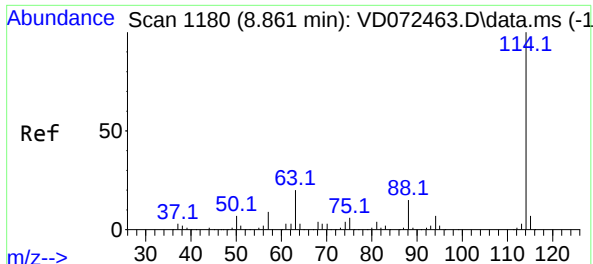
Tgt Ion: 65 Resp: 67720

Ion Ratio Lower Upper

65 100

67 53.1 0.0 101.4

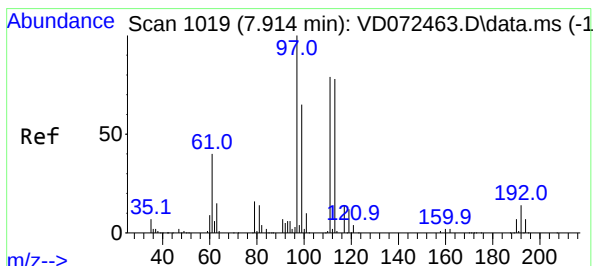
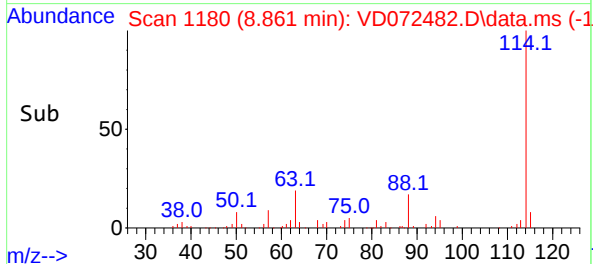
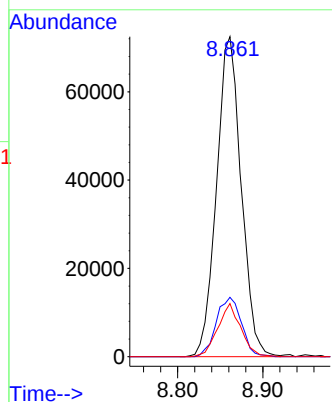
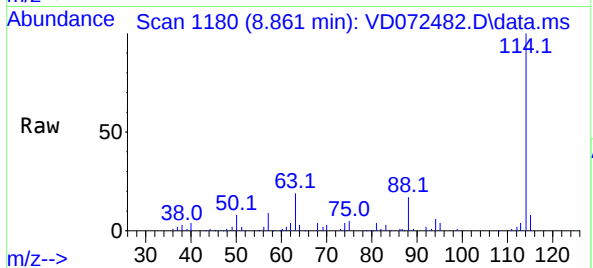




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD072482.D
Acq: 30 Mar 2022 16:41

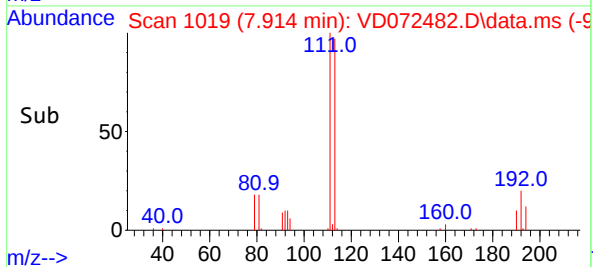
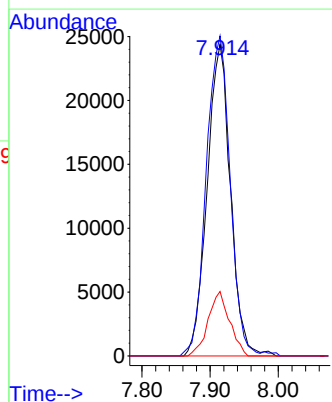
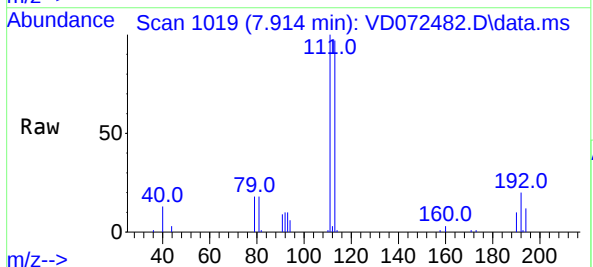
Instrument :
MSVOA_D
ClientSampleId :
337

Tgt Ion:114 Resp: 145719
Ion Ratio Lower Upper
114 100
63 18.5 0.0 46.6
88 16.6 0.0 33.2



#35
Dibromofluoromethane
Concen: 51.310 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD072482.D
Acq: 30 Mar 2022 16:41

Tgt Ion:113 Resp: 58106
Ion Ratio Lower Upper
113 100
111 104.8 83.8 125.6
192 19.0 14.6 21.8

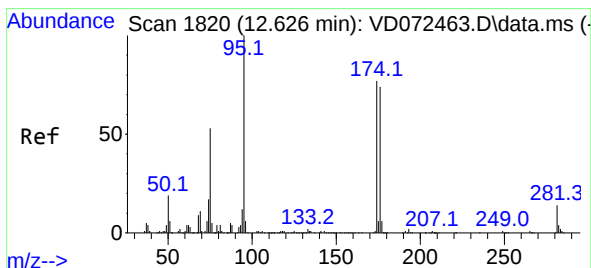
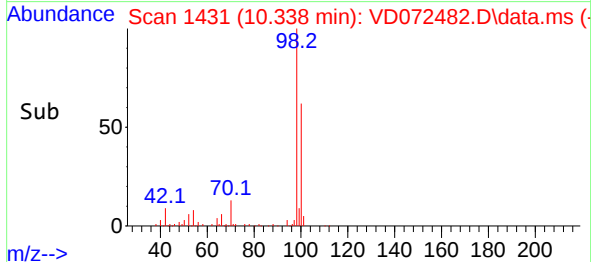
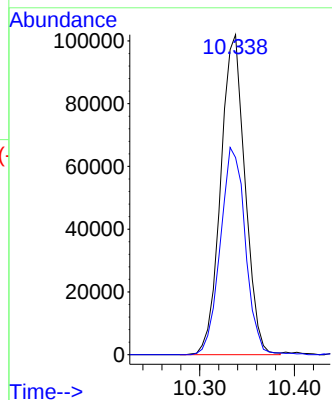
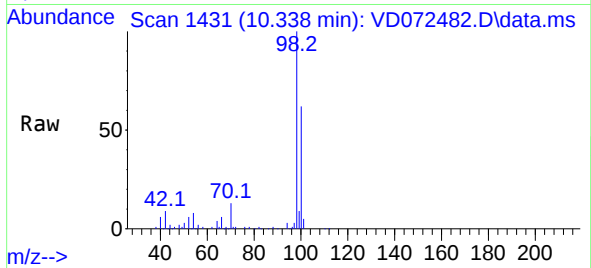




#50
Toluene-d8
Concen: 46.159 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VD072482.D
Acq: 30 Mar 2022 16:41

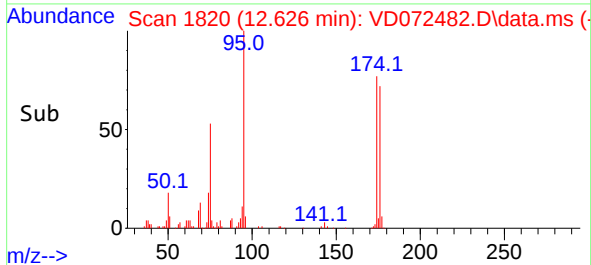
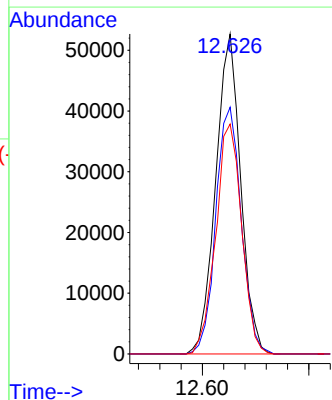
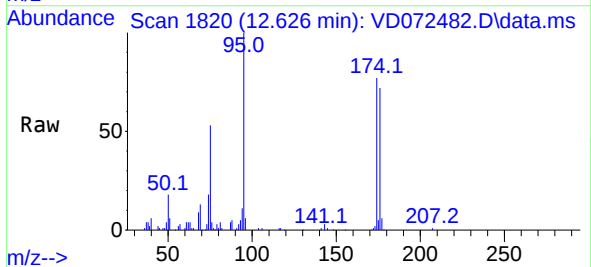
Instrument :
MSVOA_D
ClientSampleId :
337

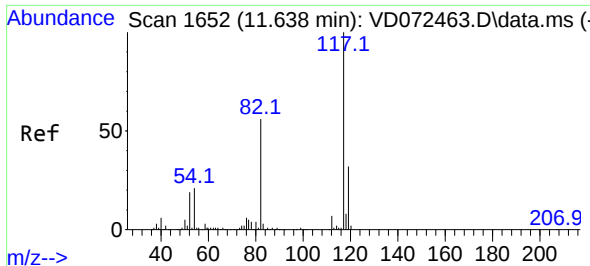
Tgt Ion: 98 Resp: 181700
Ion Ratio Lower Upper
98 100
100 66.7 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 55.676 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD072482.D
Acq: 30 Mar 2022 16:41

Tgt Ion: 95 Resp: 85594
Ion Ratio Lower Upper
95 100
174 78.8 0.0 152.8
176 74.7 0.0 145.4

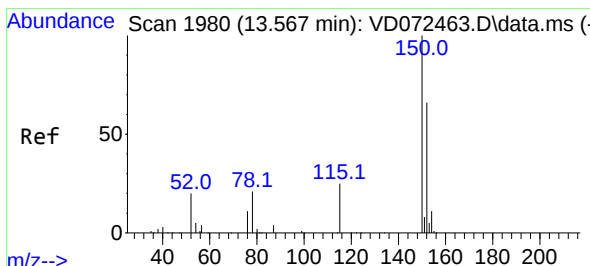
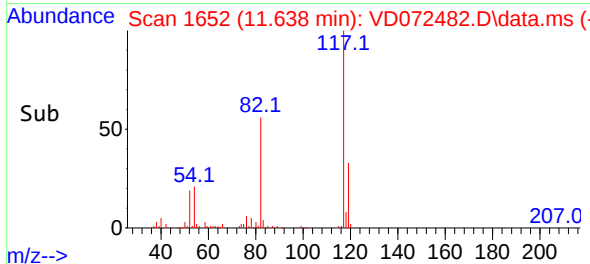
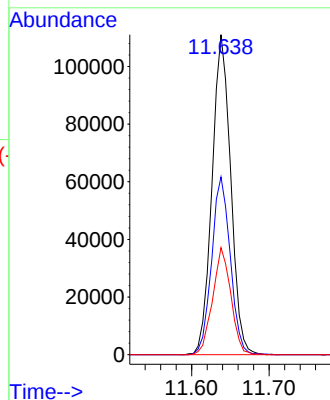
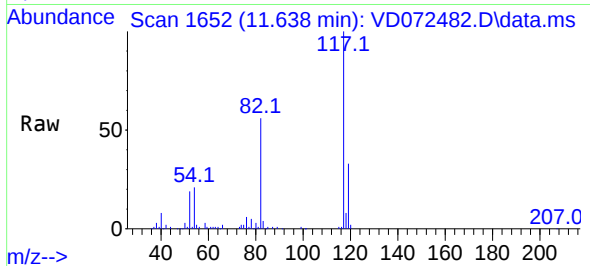




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD072482.D
Acq: 30 Mar 2022 16:41

Instrument :
MSVOA_D
ClientSampleId :
337

Tgt Ion:	117	Resp:	185520
Ion	Ratio	Lower	Upper
117	100		
82	55.6	45.3	67.9
119	33.5	26.6	40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD072482.D
Acq: 30 Mar 2022 16:41

Tgt Ion:	152	Resp:	95563
Ion	Ratio	Lower	Upper
152	100		
115	62.9	31.3	93.8
150	158.4	0.0	348.6

