

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021522\
 Data File : VD071971.D
 Acq On : 15 Feb 2022 11:02
 Operator : VA/SY
 Sample : VD0215SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0215SBL01

Quant Time: Feb 16 00:33:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012622S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 27 06:04:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	289824	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	530385	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	480869	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	214516	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	194158	53.00	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	106.00%
35) Dibromofluoromethane	7.914	113	181275	52.00	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.00%
50) Toluene-d8	10.338	98	597689	45.90	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	91.80%
62) 4-Bromofluorobenzene	12.626	95	194780	42.84	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	85.68%

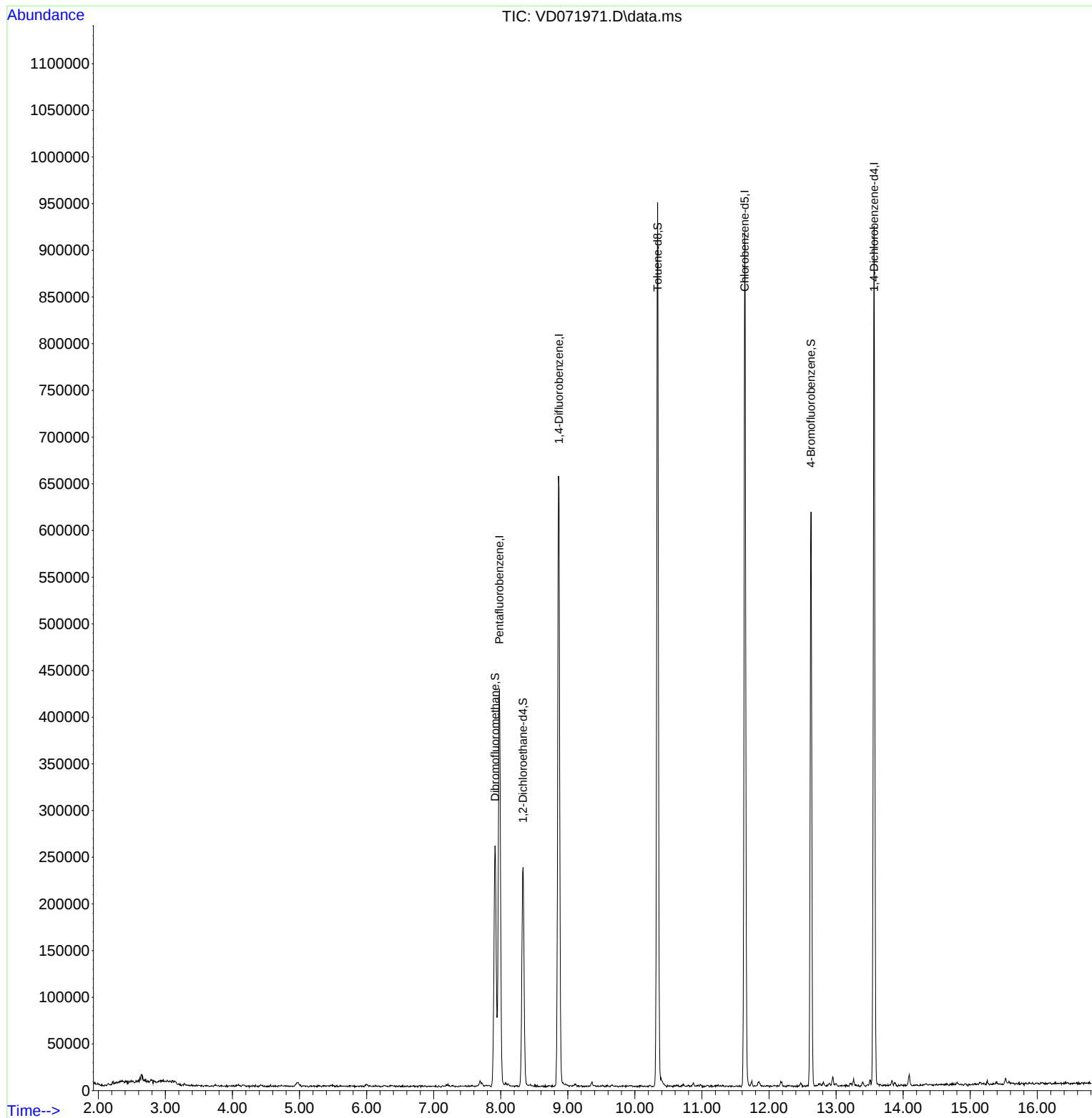
Target Compounds	Qvalue

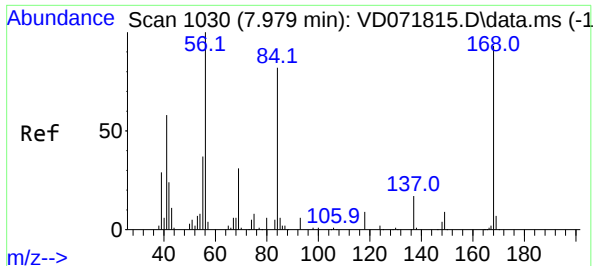
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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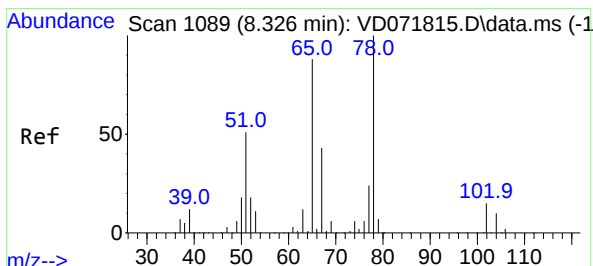
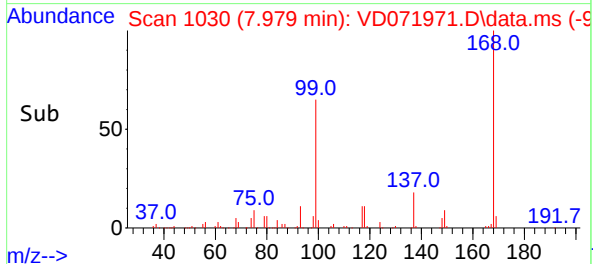
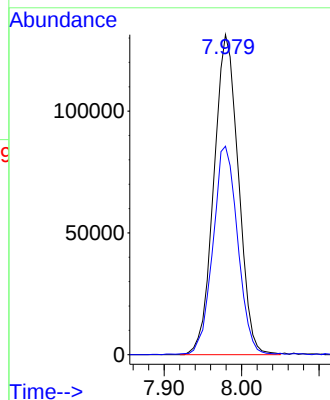
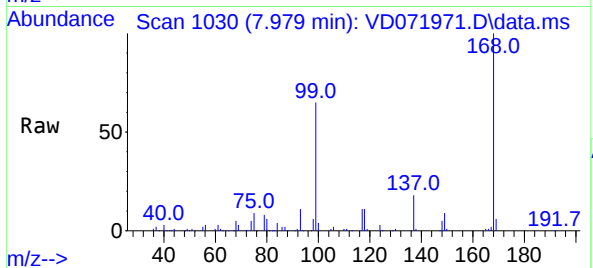




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD071971.D
Acq: 15 Feb 2022 11:02

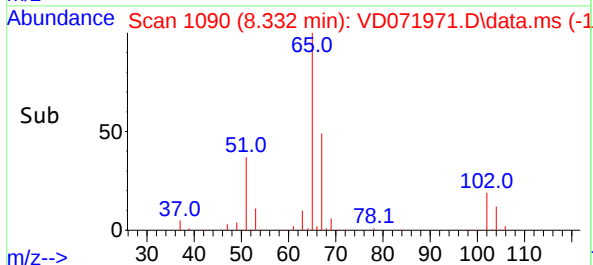
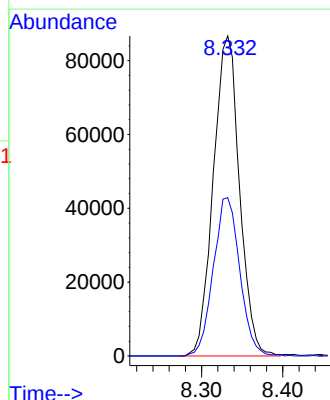
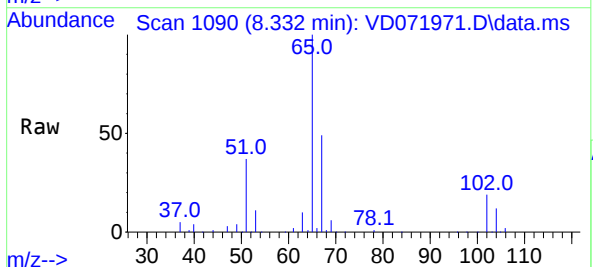
Instrument :
MSVOA_D
ClientSampleId :
VD0215SBL01

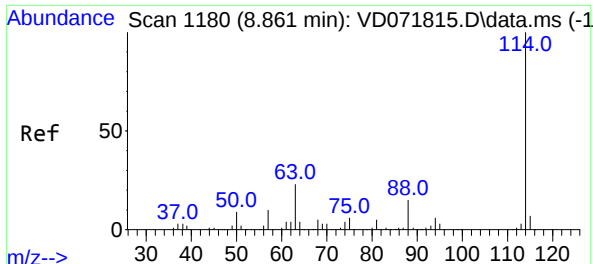
Tgt Ion:168 Resp: 289824
Ion Ratio Lower Upper
168 100
99 64.9 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 53.00 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD071971.D
Acq: 15 Feb 2022 11:02

Tgt Ion: 65 Resp: 194158
Ion Ratio Lower Upper
65 100
67 50.0 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.867 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD071971.D

Acq: 15 Feb 2022 11:02

Instrument :

MSVOA_D

ClientSampleId :

VD0215SBL01

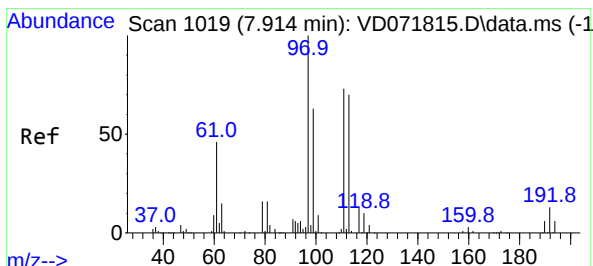
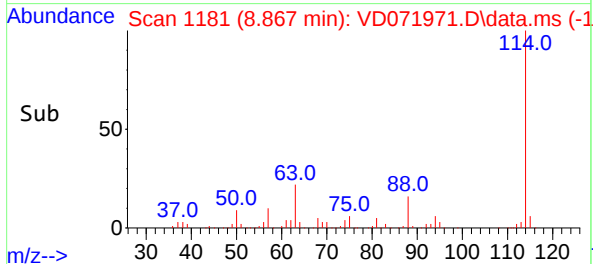
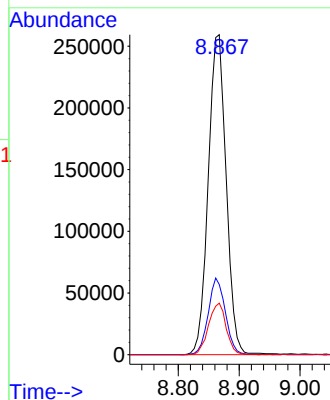
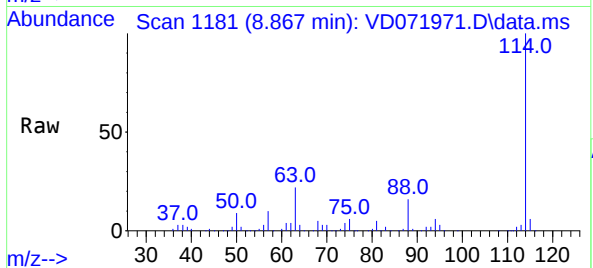
Tgt Ion:114 Resp: 530385

Ion Ratio Lower Upper

114 100

63 21.9 0.0 46.6

88 16.1 0.0 33.2



#35

Dibromofluoromethane

Concen: 52.00 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.000 min

Lab File: VD071971.D

Acq: 15 Feb 2022 11:02

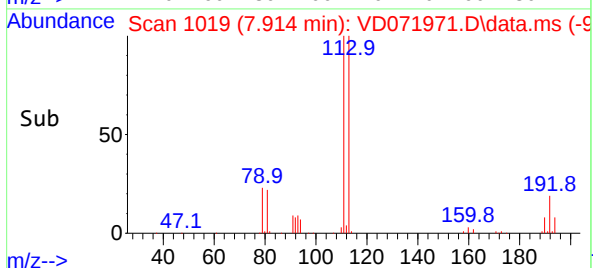
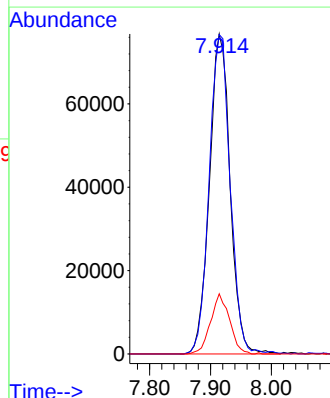
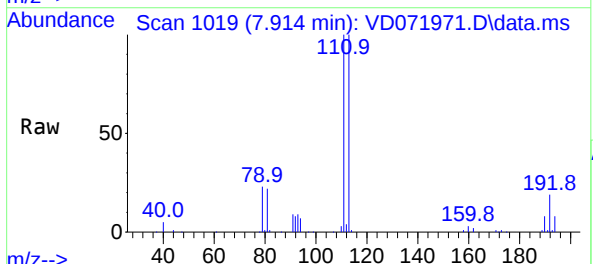
Tgt Ion:113 Resp: 181275

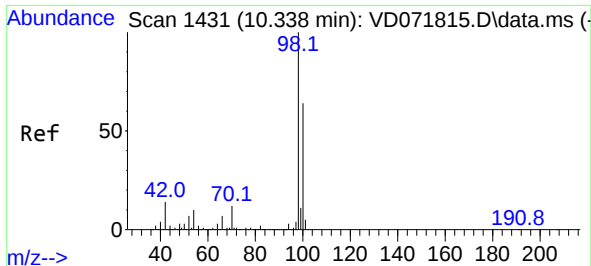
Ion Ratio Lower Upper

113 100

111 101.1 83.8 125.6

192 17.2 14.6 21.8

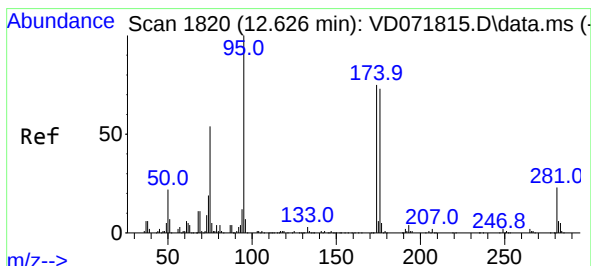
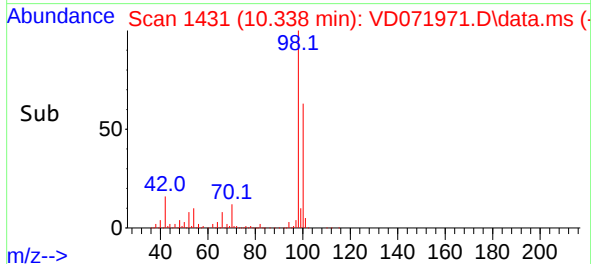
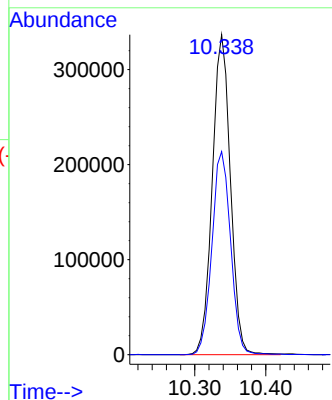
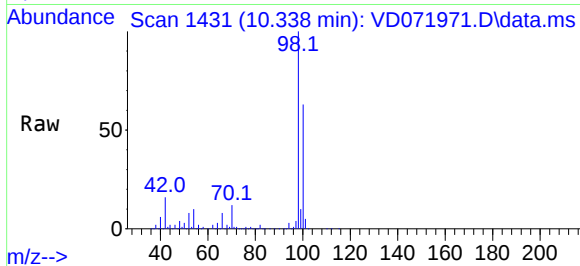




#50
Toluene-d8
Concen: 45.90 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VD071971.D
Acq: 15 Feb 2022 11:02

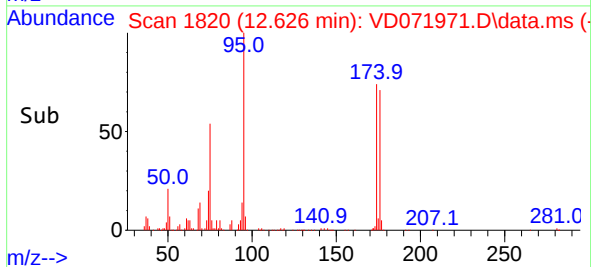
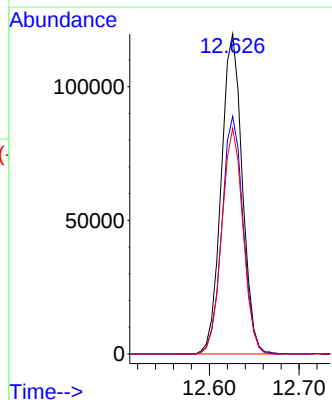
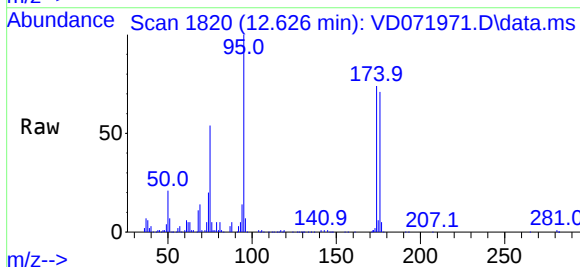
Instrument :
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VD0215SBL01

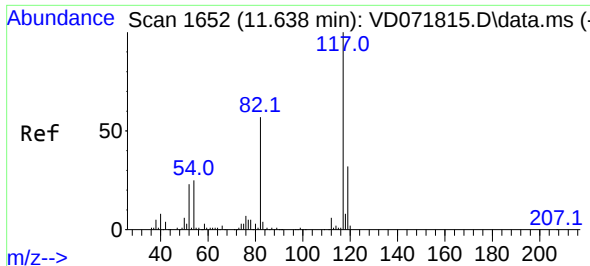
Tgt Ion: 98 Resp: 597689
Ion Ratio Lower Upper
98 100
100 65.3 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 42.84 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD071971.D
Acq: 15 Feb 2022 11:02

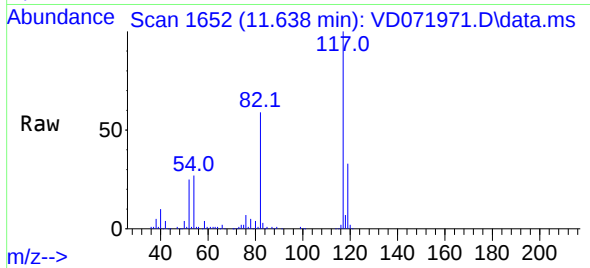
Tgt Ion: 95 Resp: 194780
Ion Ratio Lower Upper
95 100
174 75.3 0.0 152.8
176 71.1 0.0 145.4





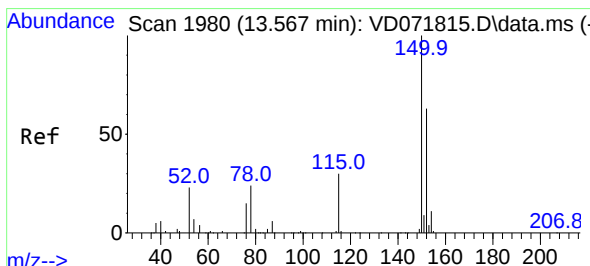
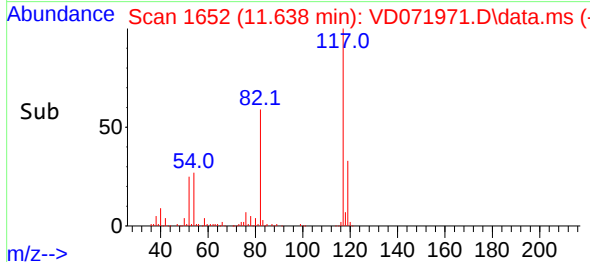
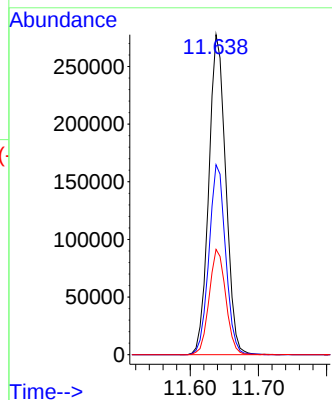
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD071971.D
Acq: 15 Feb 2022 11:02

Instrument :
MSVOA_D
ClientSampleId :
VD0215SBL01



Tgt Ion:117 Resp: 480869

Ion	Ratio	Lower	Upper
117	100		
82	59.3	45.3	67.9
119	32.9	26.6	40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD071971.D
Acq: 15 Feb 2022 11:02

Tgt Ion:152 Resp: 214516

Ion	Ratio	Lower	Upper
152	100		
115	61.4	31.3	93.8
150	161.3	0.0	348.6

