

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052622\
 Data File : VD073399.D
 Acq On : 26 May 2022 20:25
 Operator : VA/SY
 Sample : N3074-02
 Misc : 5.05G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VOC

Quant Time: May 27 01:34:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 19 15:13:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	192856	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	336534	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	370317	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	192248	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	127545	59.843	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	119.680%
35) Dibromofluoromethane	7.908	113	121452	54.691	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.380%
50) Toluene-d8	10.332	98	419476	51.243	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.480%
62) 4-Bromofluorobenzene	12.620	95	178572	62.160	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	124.320%

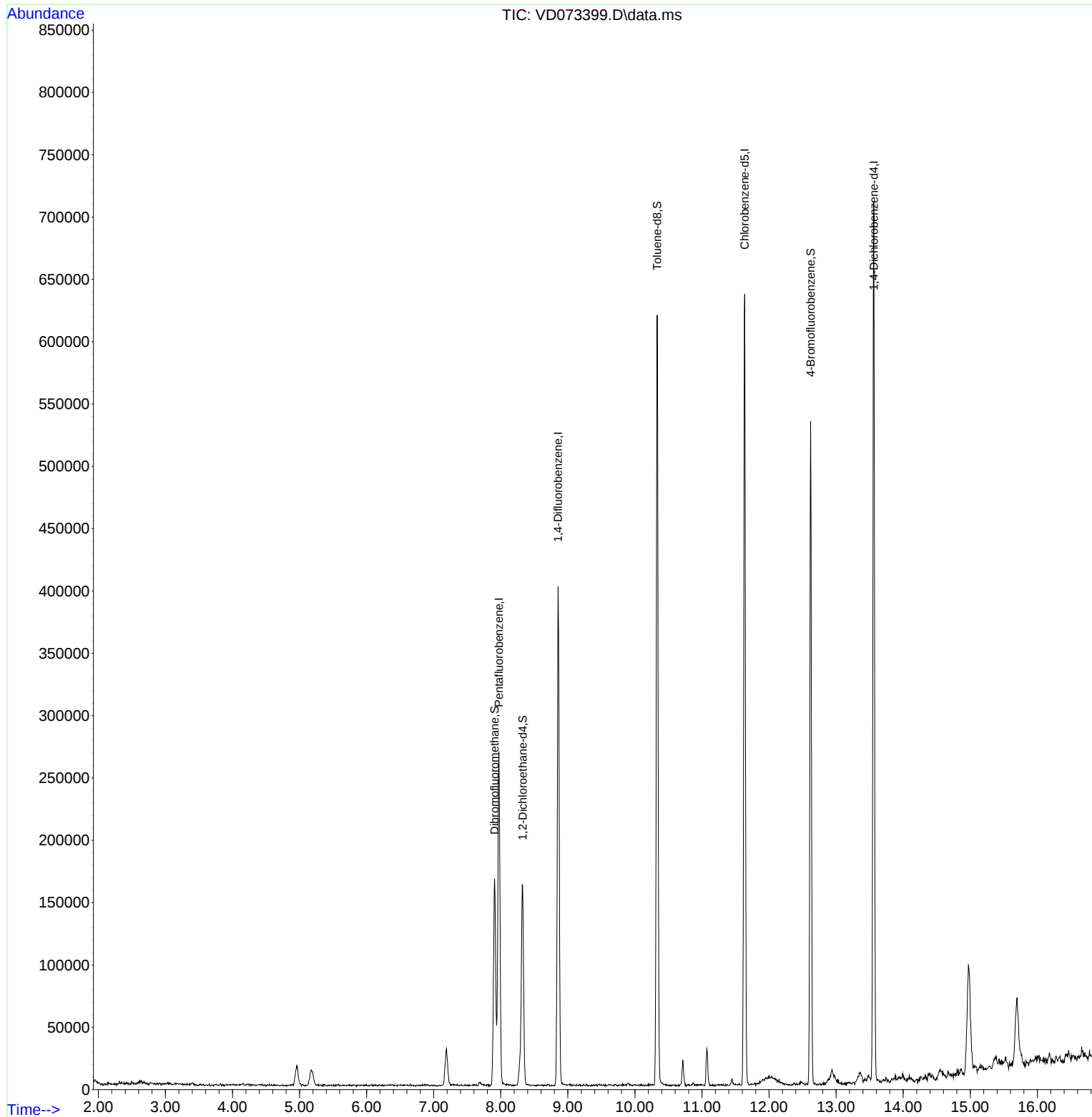
Target Compounds	Qvalue

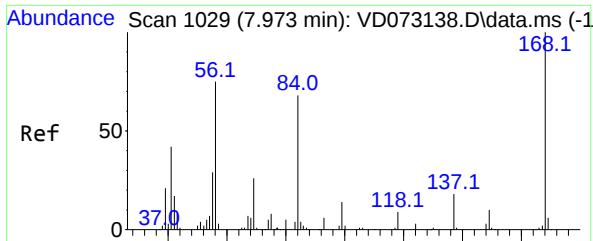
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. 0.000 min

Lab File: VD073399.D

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ClientSampleId :

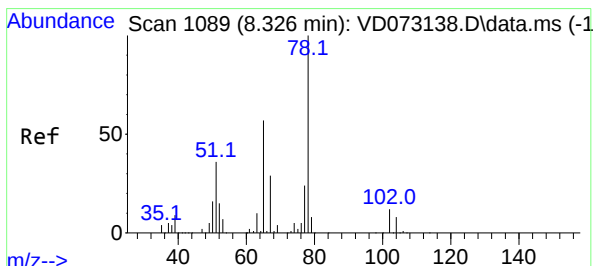
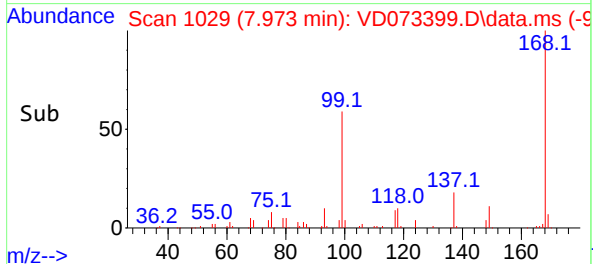
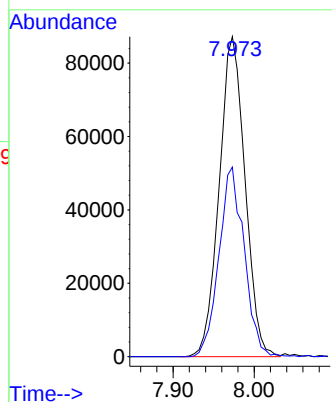
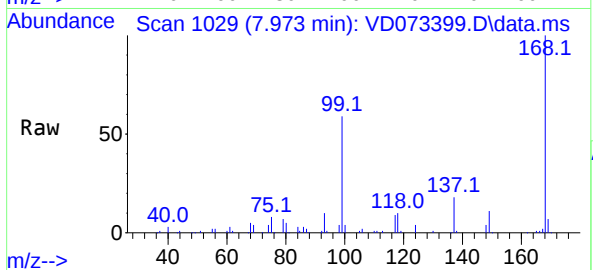
VOC

Tgt Ion:168 Resp: 192856

Ion Ratio Lower Upper

168 100

99 59.3 49.8 74.6



1,2-Dichloroethane-d4

Concen: 59.843 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD073399.D

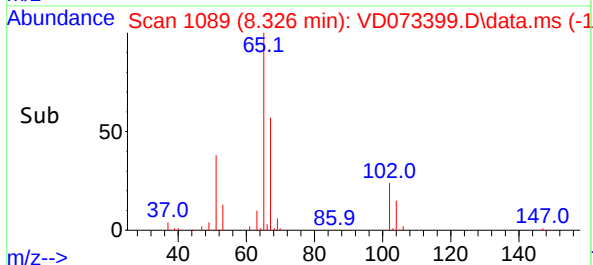
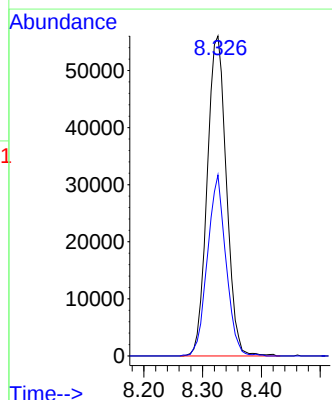
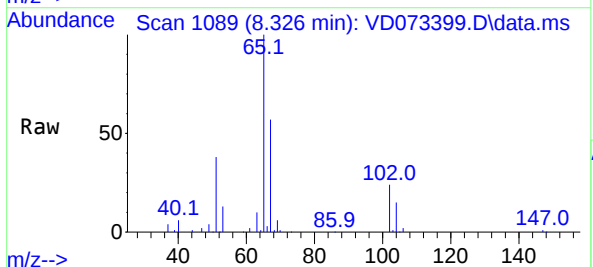
Acq: 26 May 2022 20:25

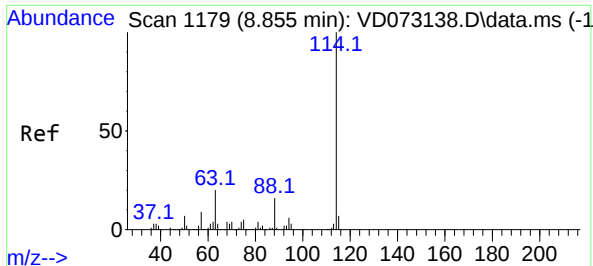
Tgt Ion: 65 Resp: 127545

Ion Ratio Lower Upper

65 100

67 54.5 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VD073399.D

Acq: 26 May 2022 20:25

Instrument :

MSVOA_D

ClientSampleId :

VOC

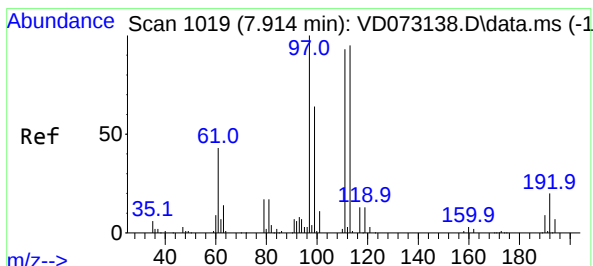
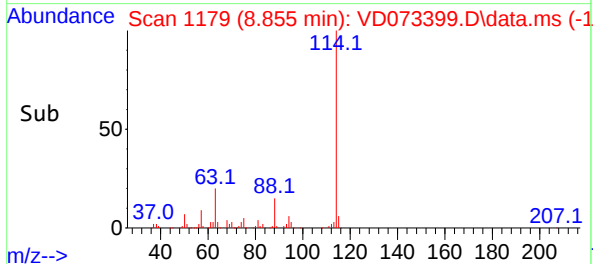
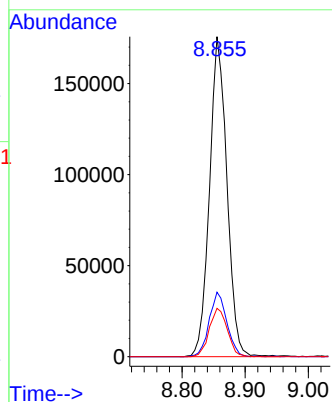
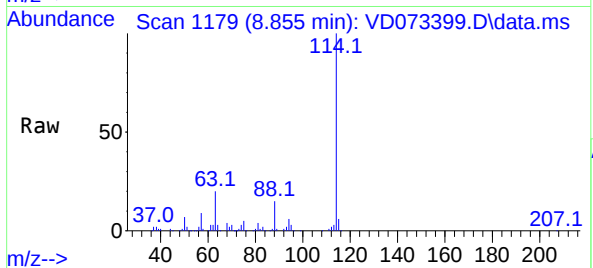
Tgt Ion:114 Resp: 336534

Ion Ratio Lower Upper

114 100

63 20.1 0.0 46.6

88 15.1 0.0 33.2



#35

Dibromofluoromethane

Concen: 54.691 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD073399.D

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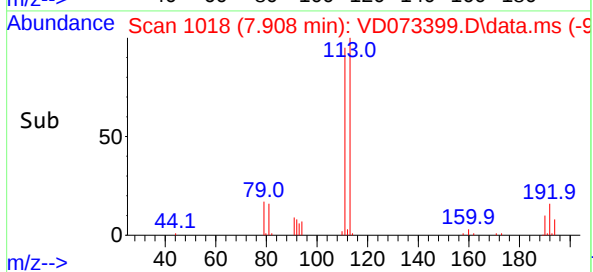
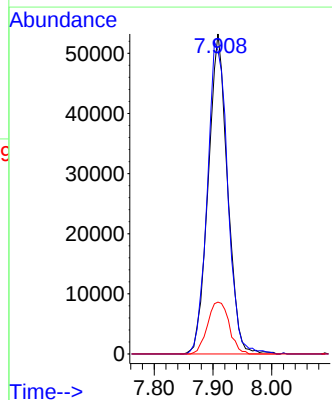
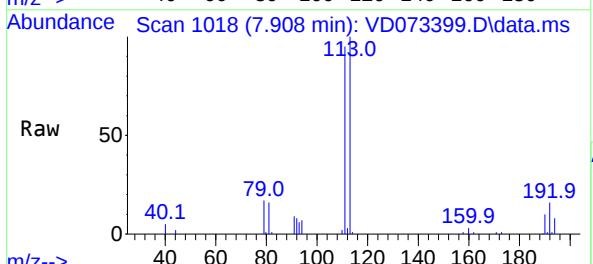
Tgt Ion:113 Resp: 121452

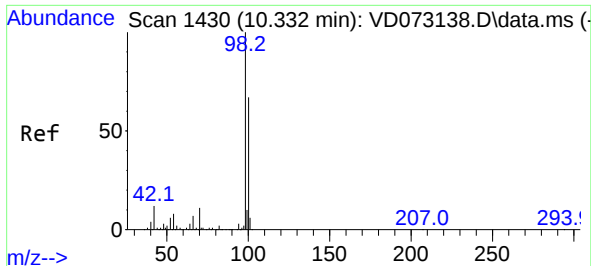
Ion Ratio Lower Upper

113 100

111 102.6 83.8 125.6

192 18.1 14.6 21.8

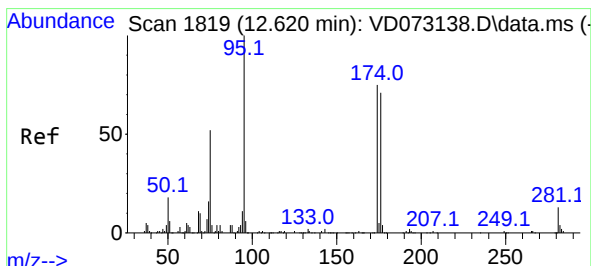
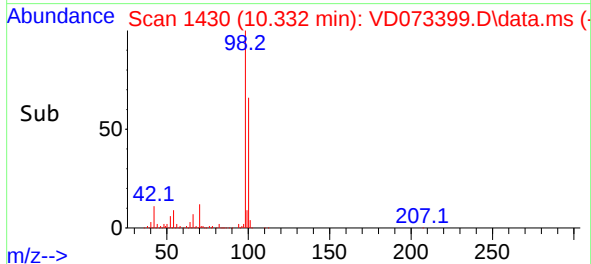
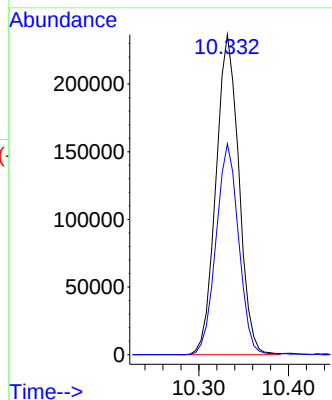
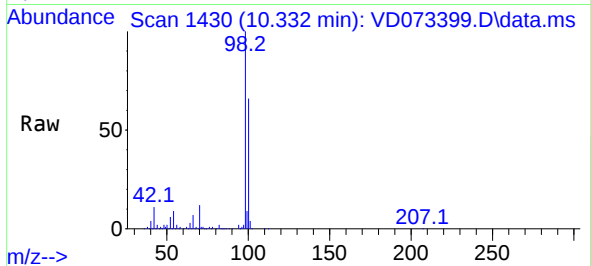




#50
Toluene-d8
Concen: 51.243 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073399.D
Acq: 26 May 2022 20:25

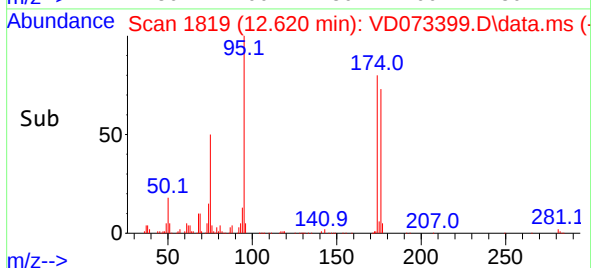
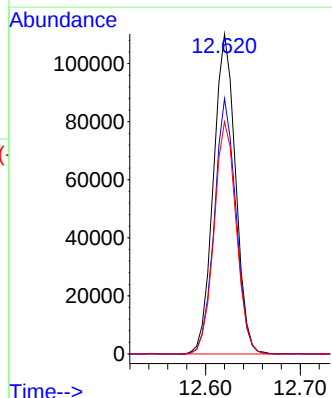
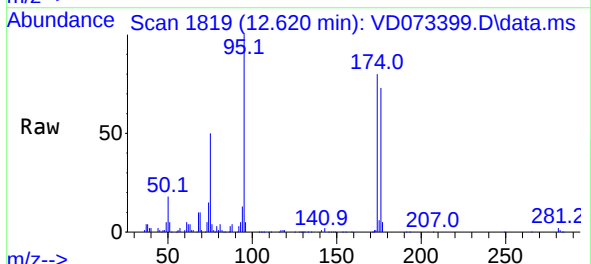
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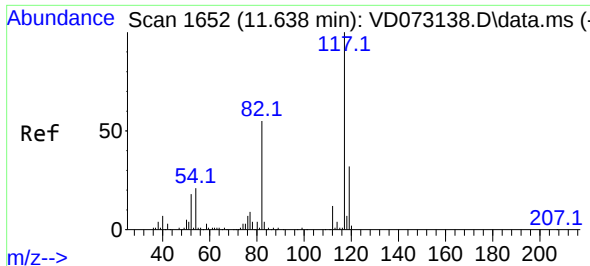
Tgt Ion: 98 Resp: 419476
Ion Ratio Lower Upper
98 100
100 65.2 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 62.160 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073399.D
Acq: 26 May 2022 20:25

Tgt Ion: 95 Resp: 178572
Ion Ratio Lower Upper
95 100
174 77.9 0.0 152.8
176 72.8 0.0 145.4

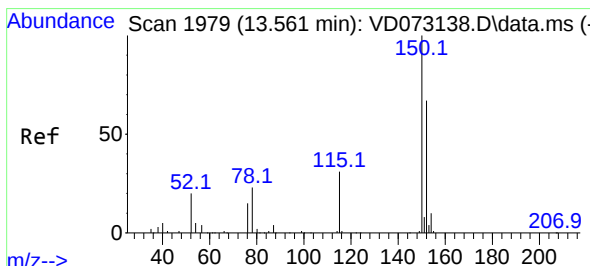
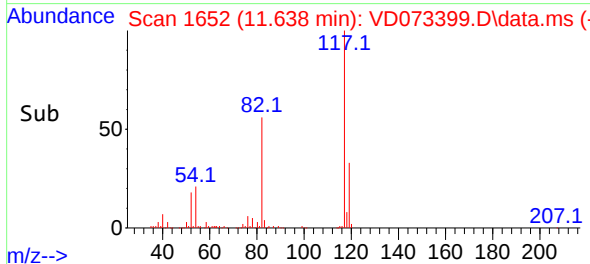
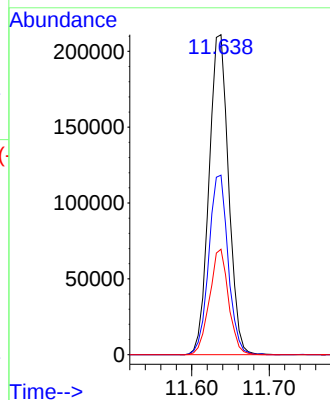
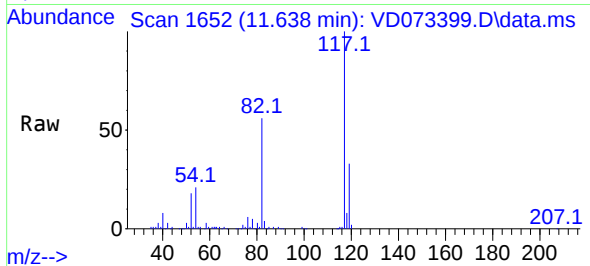




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD073399.D
Acq: 26 May 2022 20:25

Instrument :
MSVOA_D
ClientSampleId :
VOC

Tgt Ion:117 Resp: 370317
Ion Ratio Lower Upper
117 100
82 56.1 45.3 67.9
119 32.9 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: VD073399.D
Acq: 26 May 2022 20:25

Tgt Ion:152 Resp: 192248
Ion Ratio Lower Upper
152 100
115 58.6 31.3 93.8
150 152.8 0.0 348.6

