

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052422\
 Data File : VD073348.D
 Acq On : 25 May 2022 03:47
 Operator : VA/SY
 Sample : N2886-04
 Misc : 4.36G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P020-SS001-0612-01

Quant Time: May 25 05:34:04 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	294156	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	525997	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	540799	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	247825	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	156875	48.257	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.520%
35) Dibromofluoromethane	7.909	113	174320	50.224	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.440%
50) Toluene-d8	10.332	98	633876	49.543	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.080%
62) 4-Bromofluorobenzene	12.620	95	241469	53.778	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	107.560%

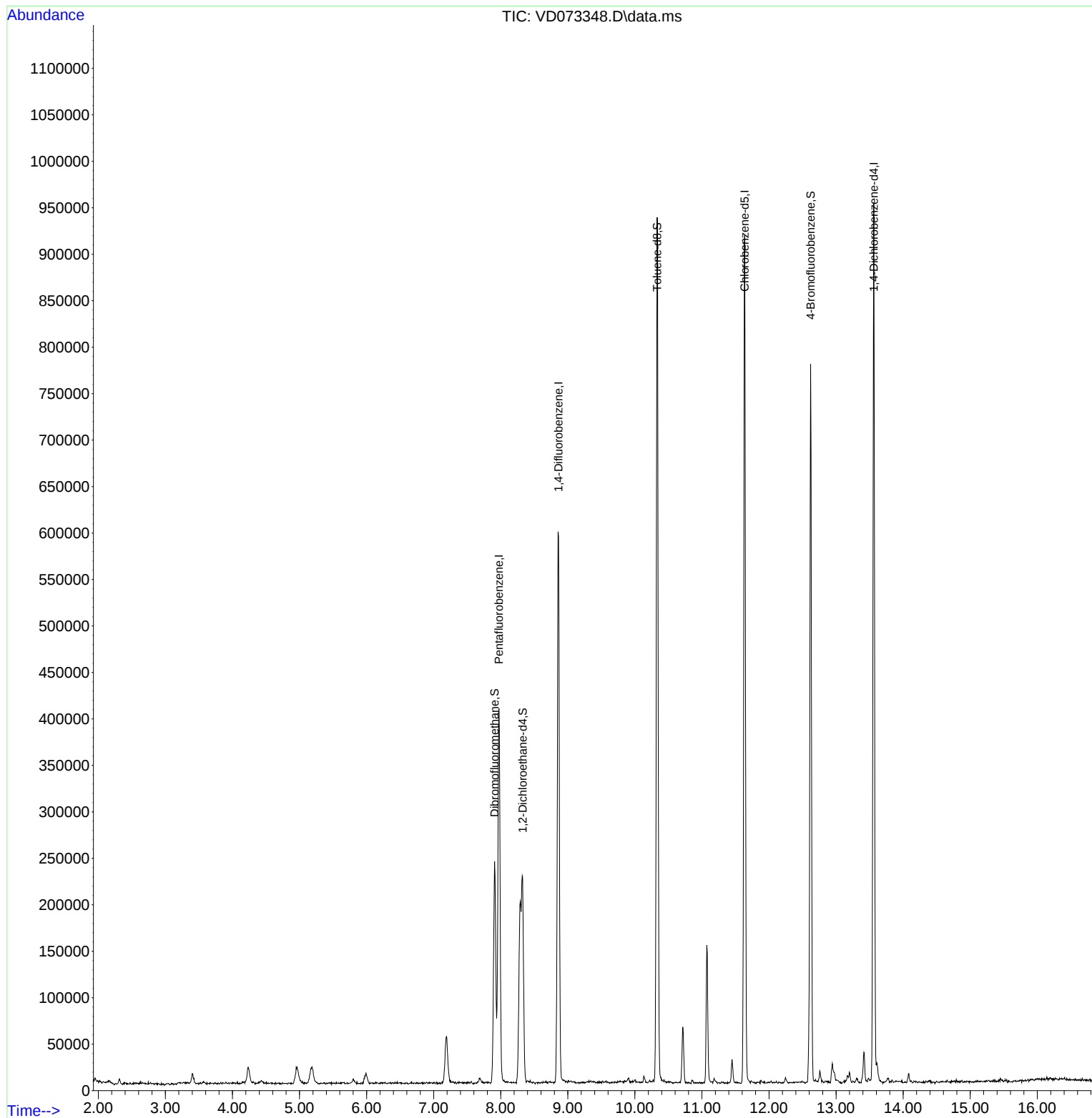
Target Compounds	Qvalue

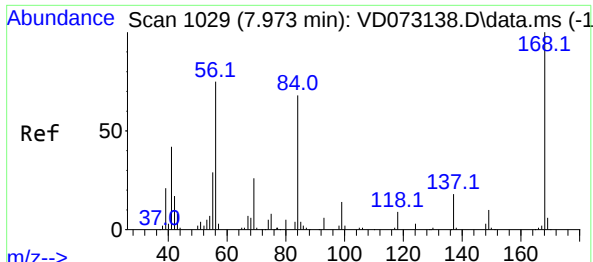
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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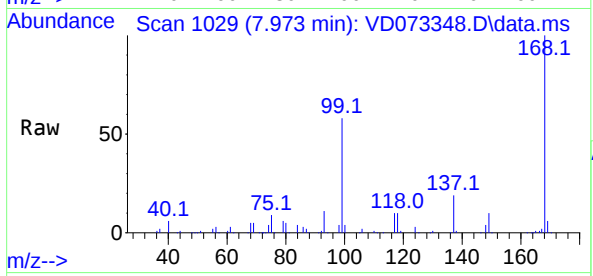
Quant Time: May 25 05:34:04 2022
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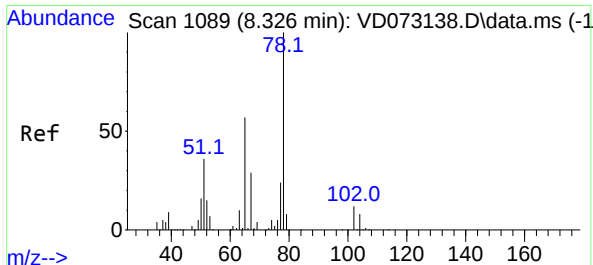
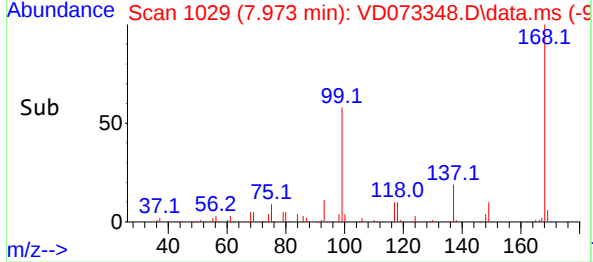
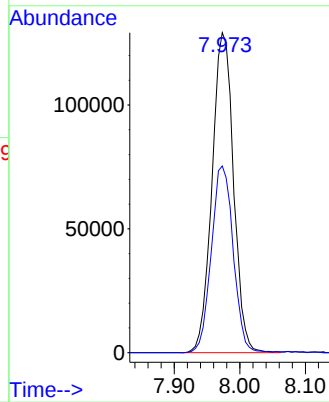


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073348.D
Acq: 25 May 2022 03:47

Instrument :
MSVOA_D
ClientSampleId :
P020-SS001-0612-01

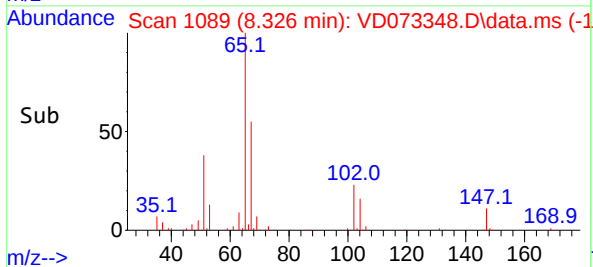
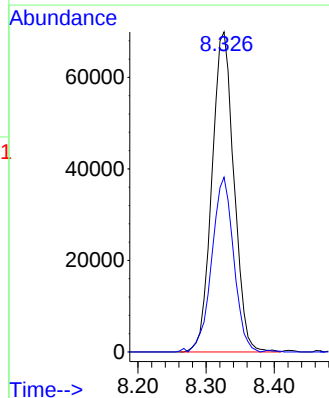
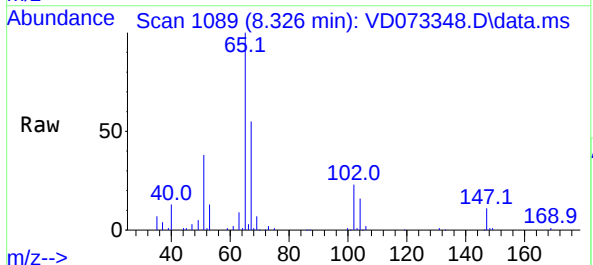


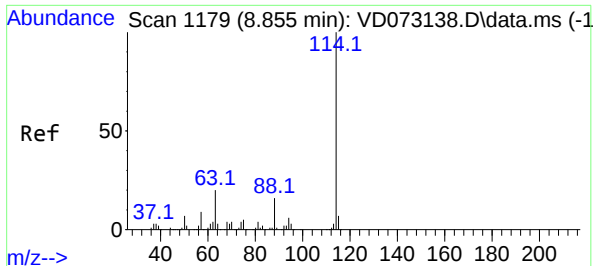
Tgt Ion:168 Resp: 294156
Ion Ratio Lower Upper
168 100
99 58.4 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 48.257 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD073348.D
Acq: 25 May 2022 03:47

Tgt Ion: 65 Resp: 156875
Ion Ratio Lower Upper
65 100
67 54.5 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1179

Delta R.T. 0.006 min

Lab File: VD073348.D

Acq: 25 May 2022 03:47

Instrument :

MSVOA_D

ClientSampleId :

P020-SS001-0612-01

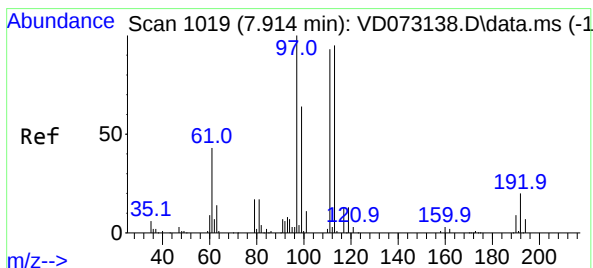
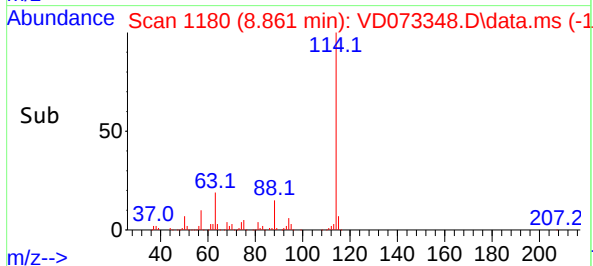
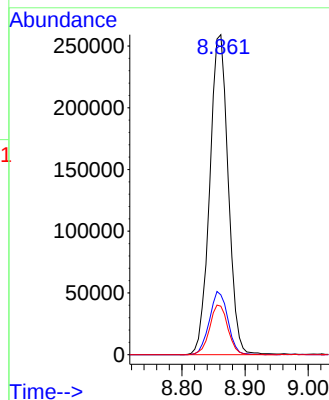
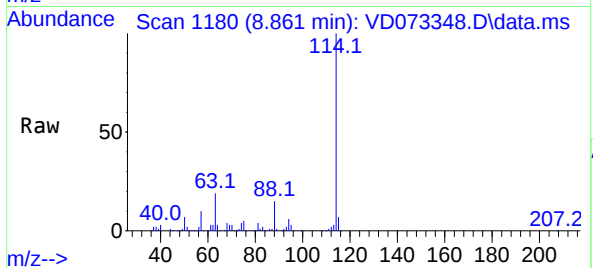
Tgt Ion:114 Resp: 525997

Ion Ratio Lower Upper

114 100

63 18.7 0.0 46.6

88 15.2 0.0 33.2



#35

Dibromofluoromethane

Concen: 50.224 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. -0.005 min

Lab File: VD073348.D

Acq: 25 May 2022 03:47

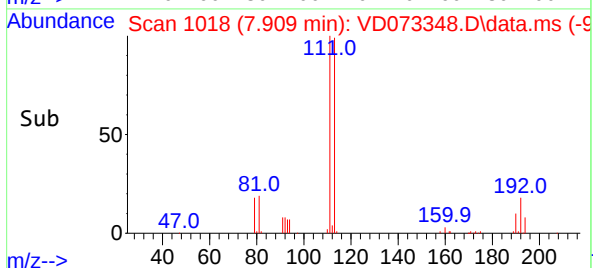
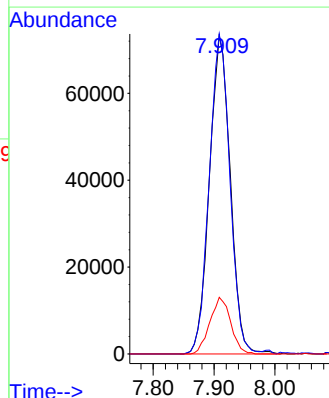
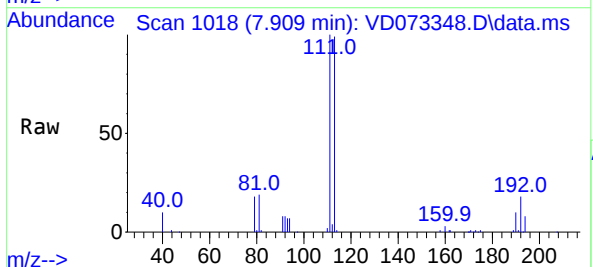
Tgt Ion:113 Resp: 174320

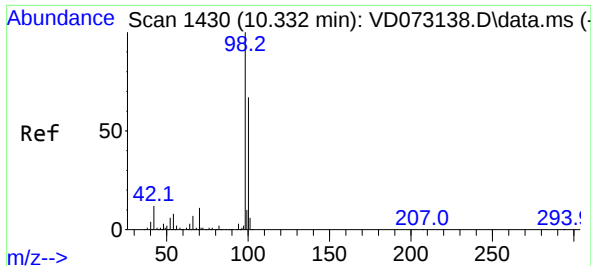
Ion Ratio Lower Upper

113 100

111 99.6 83.8 125.6

192 17.8 14.6 21.8

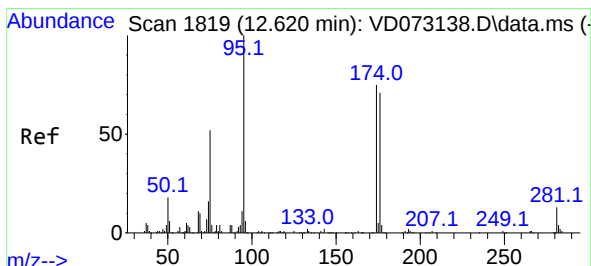
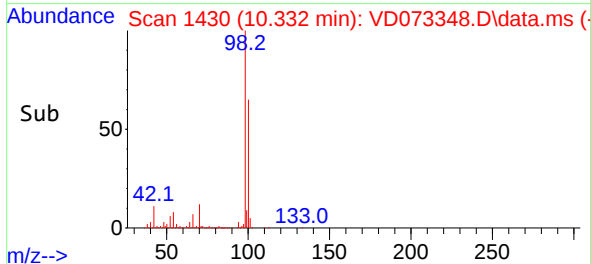
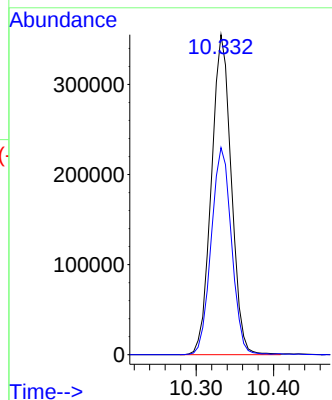
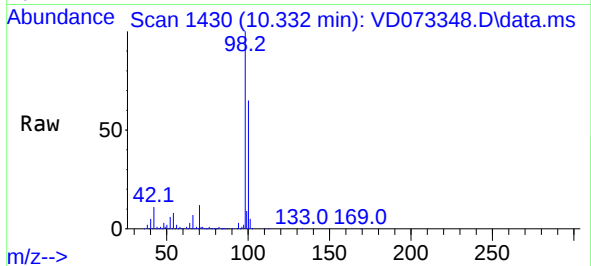




#50
Toluene-d8
Concen: 49.543 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073348.D
Acq: 25 May 2022 03:47

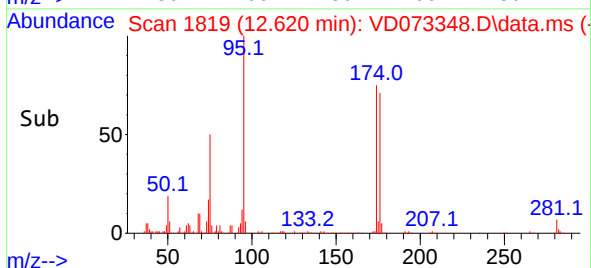
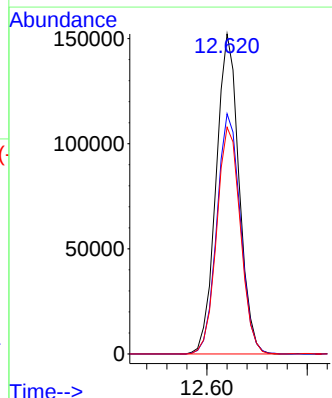
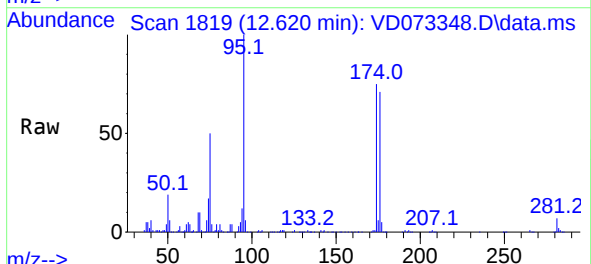
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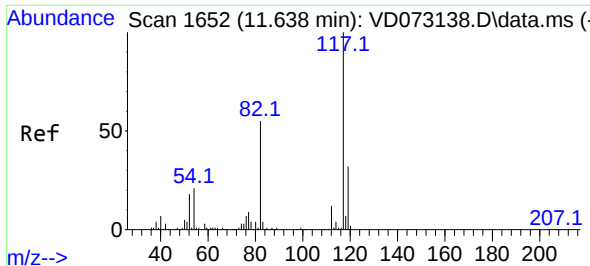
Tgt Ion: 98 Resp: 633876
Ion Ratio Lower Upper
98 100
100 65.8 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 53.778 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073348.D
Acq: 25 May 2022 03:47

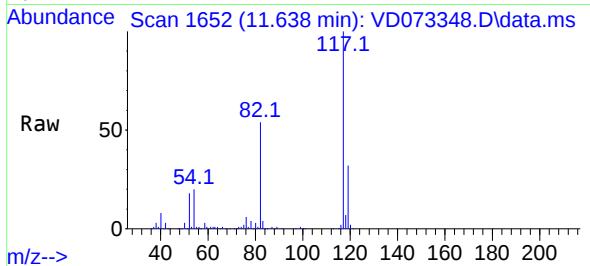
Tgt Ion: 95 Resp: 241469
Ion Ratio Lower Upper
95 100
174 77.0 0.0 152.8
176 73.2 0.0 145.4



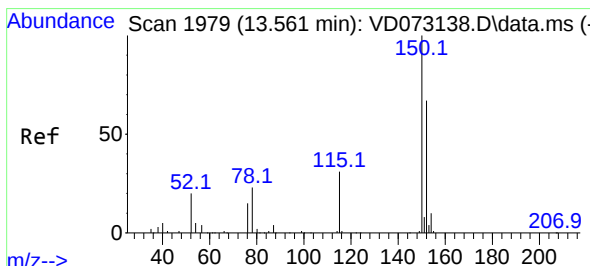
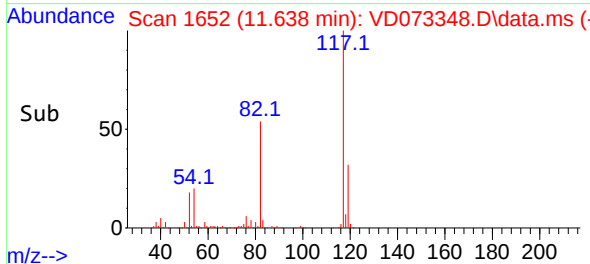
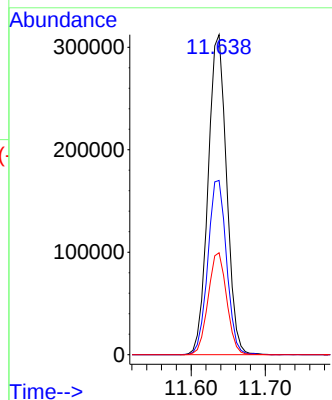


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD073348.D
Acq: 25 May 2022 03:47

Instrument :
MSVOA_D
ClientSampleId :
P020-SS001-0612-01



Tgt Ion:117 Resp: 540799
Ion Ratio Lower Upper
117 100
82 54.5 45.3 67.9
119 31.9 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: VD073348.D
Acq: 25 May 2022 03:47

Tgt Ion:152 Resp: 247825
Ion Ratio Lower Upper
152 100
115 59.5 31.3 93.8
150 156.3 0.0 348.6

