

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052022\
 Data File : VD073213.D
 Acq On : 21 May 2022 06:50
 Operator : VA/SY
 Sample : N2885-09
 Misc : 4.36G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P004-SS006-0006-01

Quant Time: May 22 00:00:14 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)

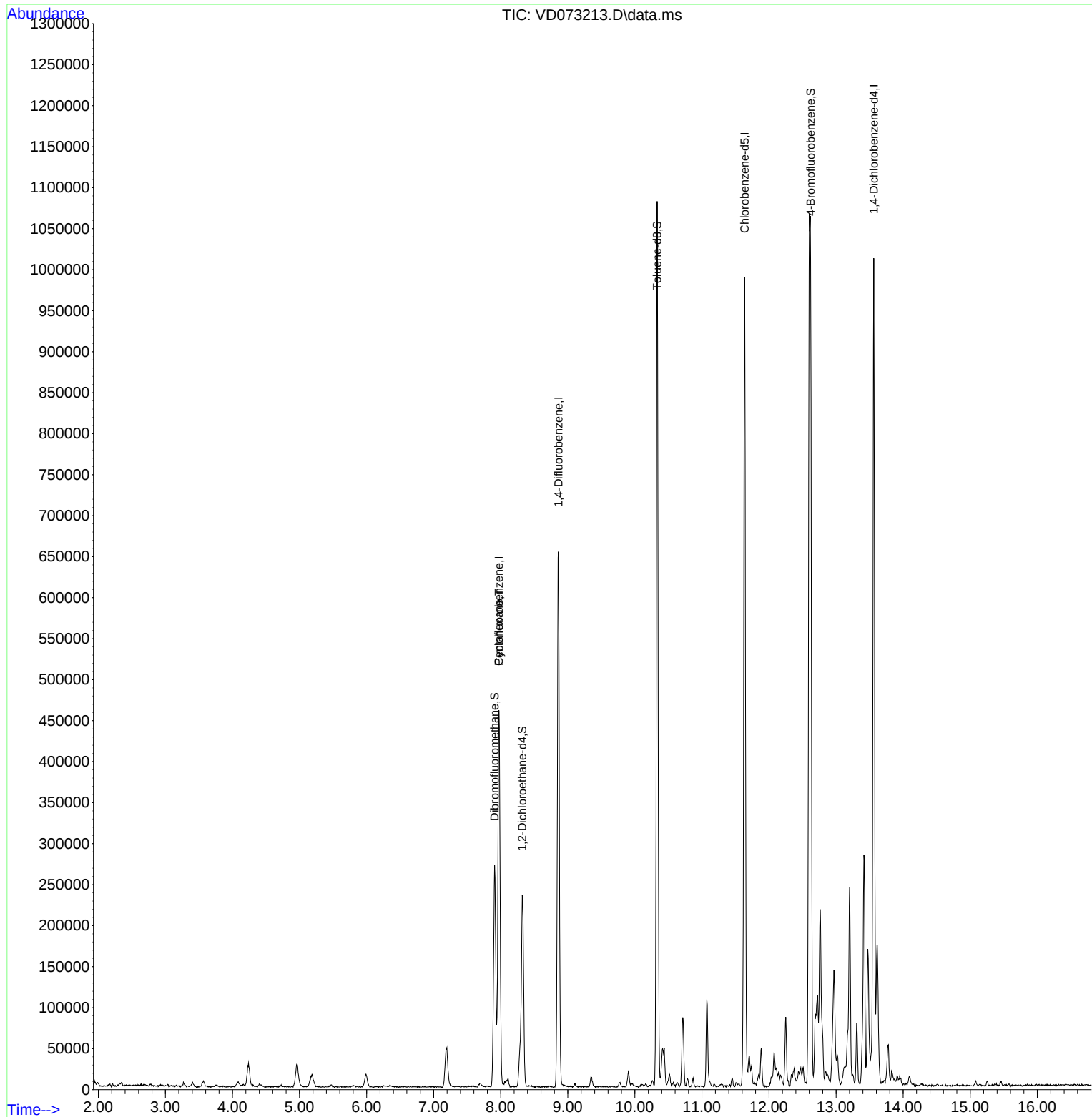
Internal Standards						
1) Pentafluorobenzene	7.973	168	330184	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	568677	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	584955	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	264623	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	177712	48.702	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.400%
35) Dibromofluoromethane	7.909	113	190270	50.705	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.400%
50) Toluene-d8	10.332	98	703807	50.880	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.760%
62) 4-Bromofluorobenzene	12.620	95	286311	58.979	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	117.960%
Target Compounds						
					Qvalue	
31) Cyclohexane	7.973	56	11310	1.774	ug/l #	18

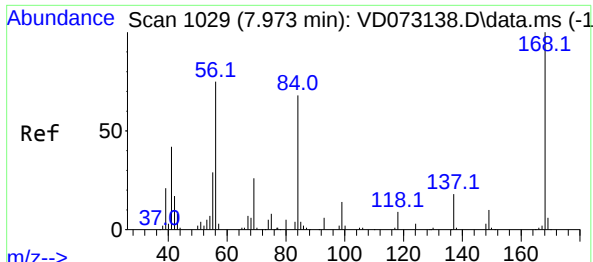
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. 0.000 min

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MSVOA_D

ClientSampleId :

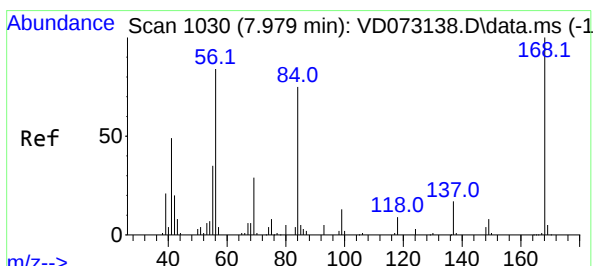
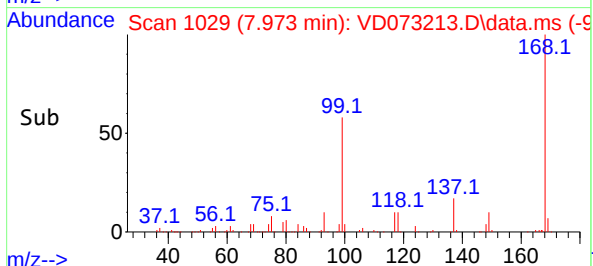
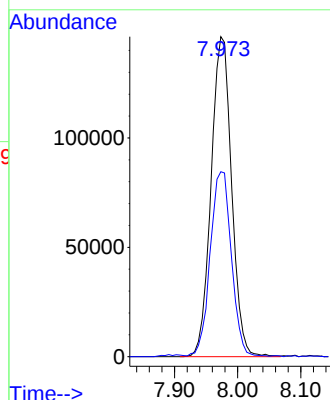
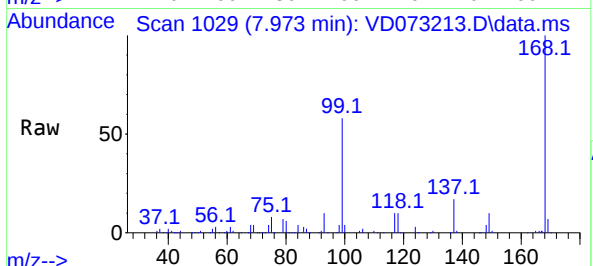
P004-SS006-0006-01

Tgt Ion:168 Resp: 330184

Ion Ratio Lower Upper

168 100

99 57.5 49.8 74.6



Cyclohexane

Concen: 1.774 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.006 min

Lab File: VD073213.D

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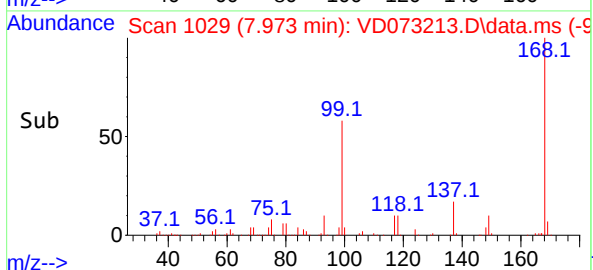
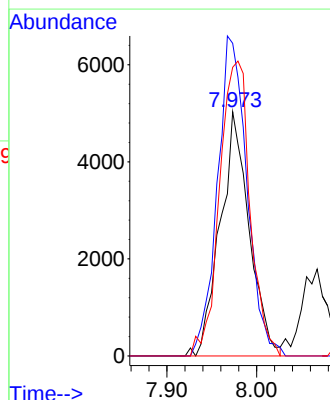
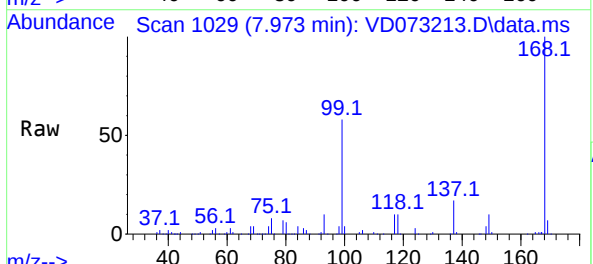
Tgt Ion: 56 Resp: 11310

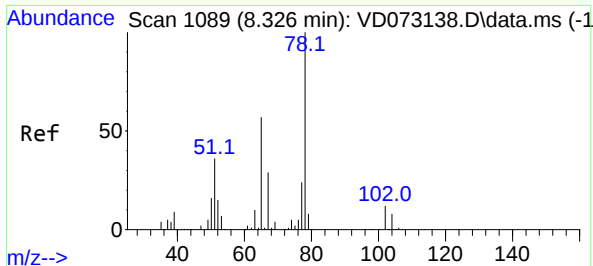
Ion Ratio Lower Upper

56 100

69 128.1 25.4 38.2#

84 118.2 63.0 94.4#





#33

1,2-Dichloroethane-d4

Concen: 48.702 ug/l

RT: 8.320 min Scan# 1180

Delta R.T. -0.006 min

Lab File: VD073213.D

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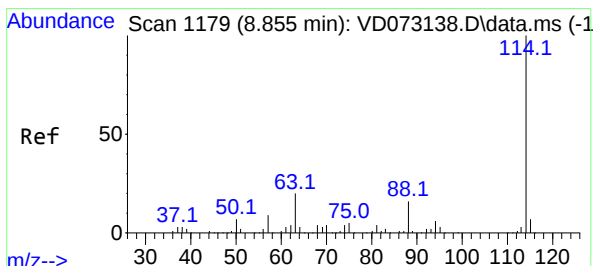
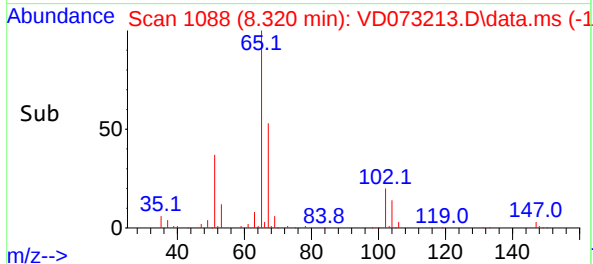
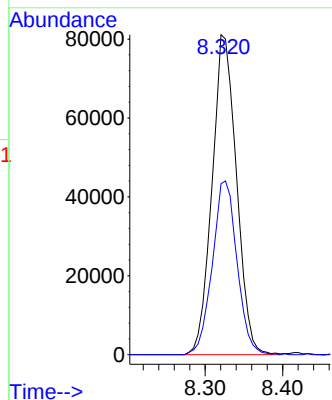
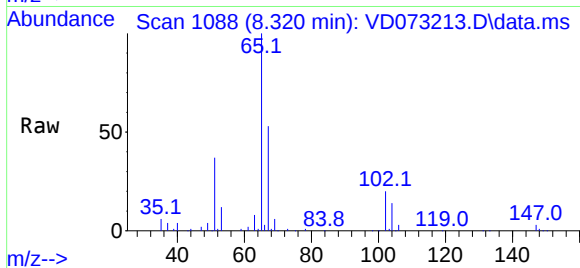
P004-SS006-0006-01

Tgt Ion: 65 Resp: 177712

Ion Ratio Lower Upper

65 100

67 54.8 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.006 min

Lab File: VD073213.D

Acq: 21 May 2022 06:50

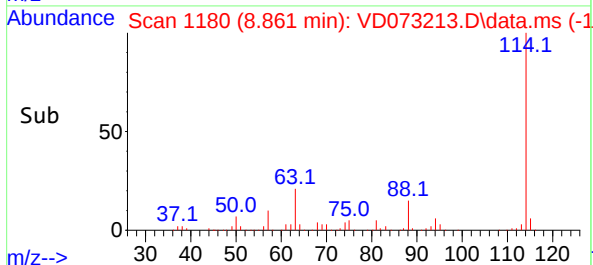
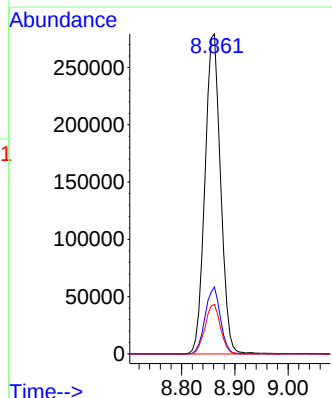
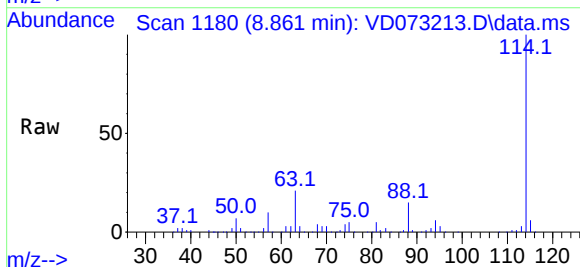
Tgt Ion: 114 Resp: 568677

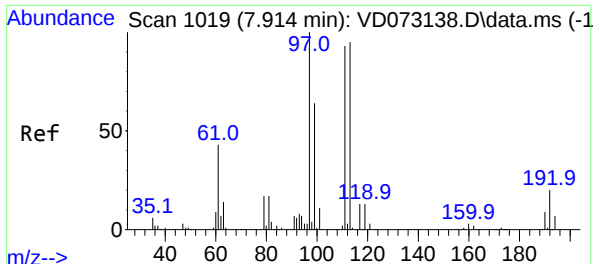
Ion Ratio Lower Upper

114 100

63 20.9 0.0 46.6

88 15.4 0.0 33.2

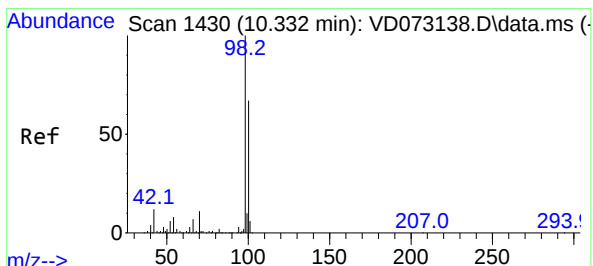
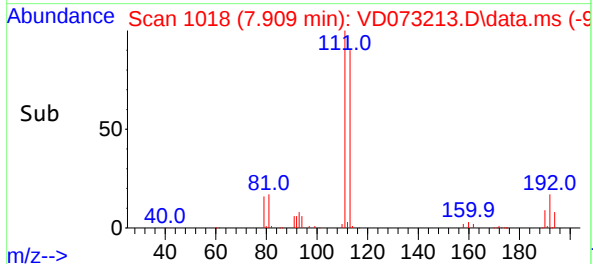
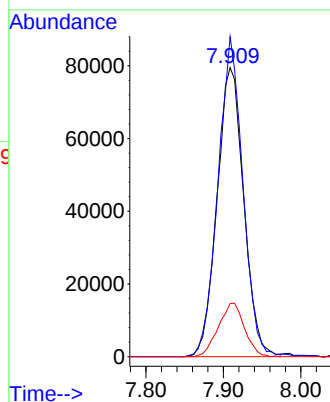
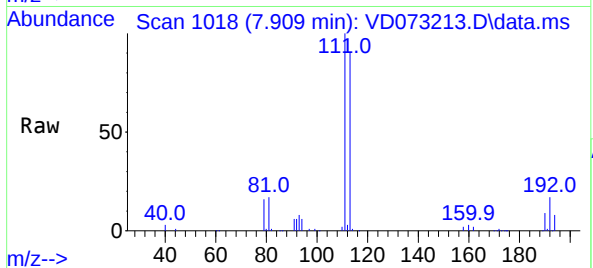




#35
Dibromofluoromethane
Concen: 50.705 ug/l
RT: 7.909 min Scan# 1019
Delta R.T. -0.005 min
Lab File: VD073213.D
Acq: 21 May 2022 06:50

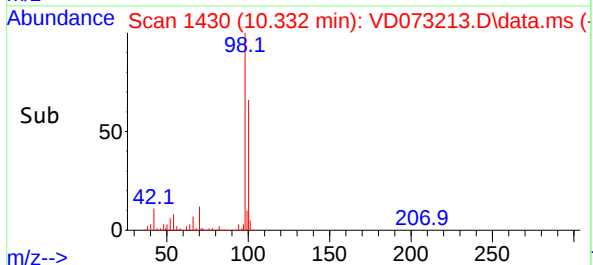
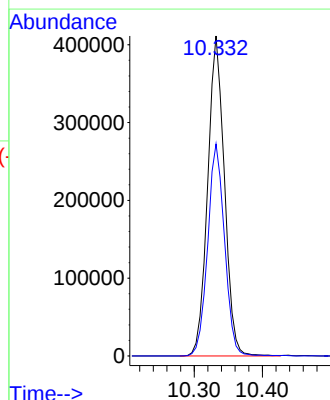
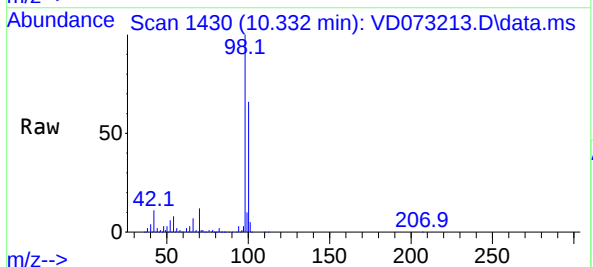
Instrument :
MSVOA_D
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P004-SS006-0006-01

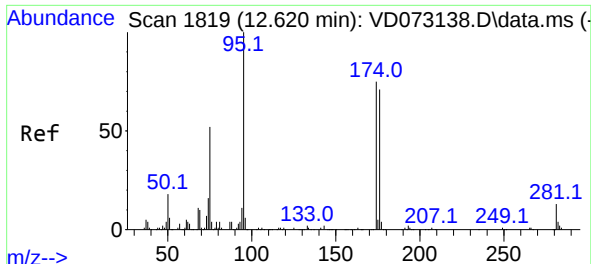
Tgt Ion:113 Resp: 190270
Ion Ratio Lower Upper
113 100
111 103.5 83.8 125.6
192 18.1 14.6 21.8



#50
Toluene-d8
Concen: 50.880 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073213.D
Acq: 21 May 2022 06:50

Tgt Ion: 98 Resp: 703807
Ion Ratio Lower Upper
98 100
100 66.6 52.4 78.6

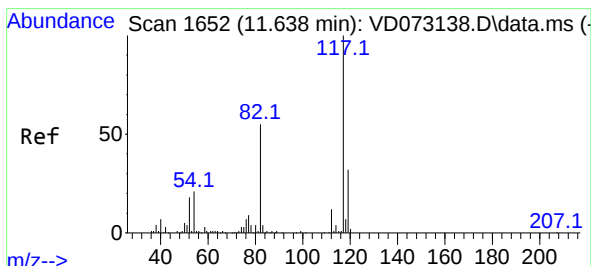
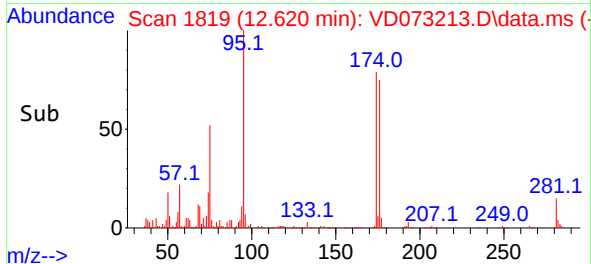
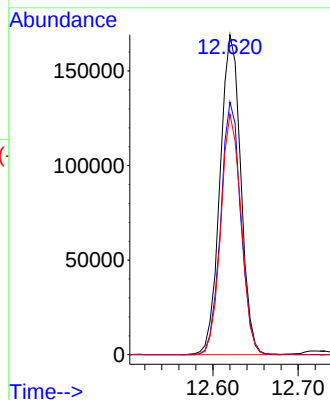
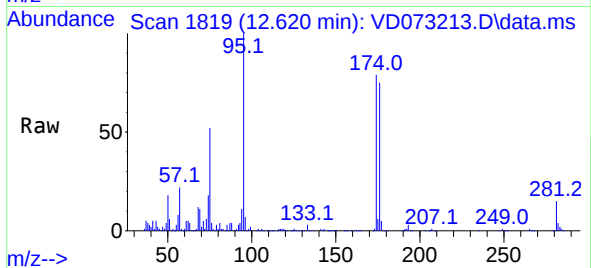




#62
4-Bromofluorobenzene
Concen: 58.979 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073213.D
Acq: 21 May 2022 06:50

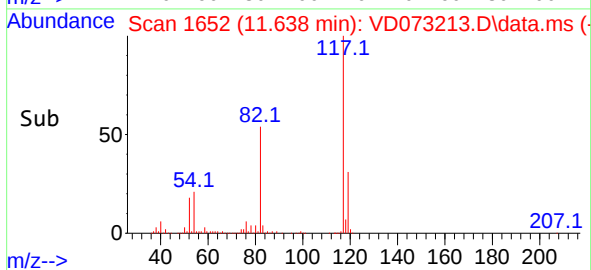
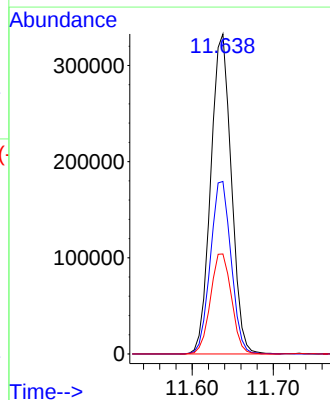
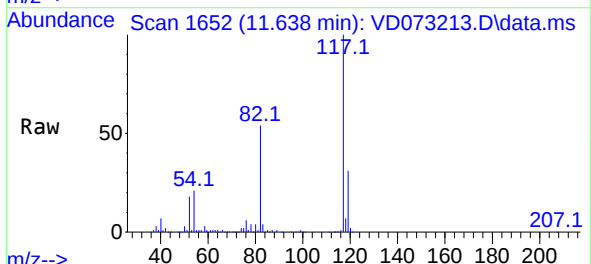
Instrument :
MSVOA_D
ClientSampleId :
P004-SS006-0006-01

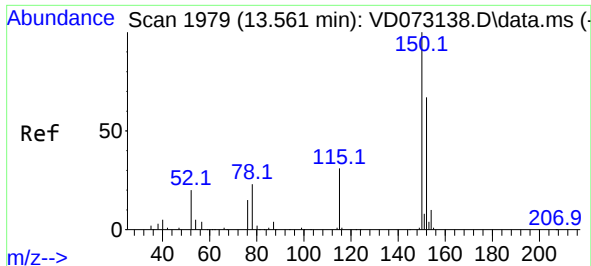
Tgt Ion: 95 Resp: 286311
Ion Ratio Lower Upper
95 100
174 76.6 0.0 152.8
176 73.5 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD073213.D
Acq: 21 May 2022 06:50

Tgt Ion: 117 Resp: 584955
Ion Ratio Lower Upper
117 100
82 53.9 45.3 67.9
119 31.3 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: VD073213.D

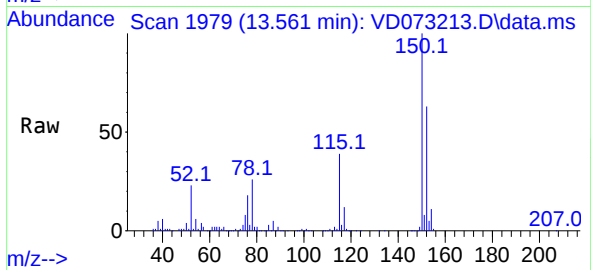
Acq: 21 May 2022 06:50

Instrument :

MSVOA_D

ClientSampleId :

P004-SS006-0006-01



Tgt Ion:152 Resp: 264623

Ion Ratio Lower Upper

152 100

115 59.2 31.3 93.8

150 155.4 0.0 348.6

