

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052022\
 Data File : VD073216.D
 Acq On : 21 May 2022 08:16
 Operator : VA/SY
 Sample : N2885-12
 Misc : 5.62G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P008-SS002-1218-01

Quant Time: May 22 00:00:51 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)

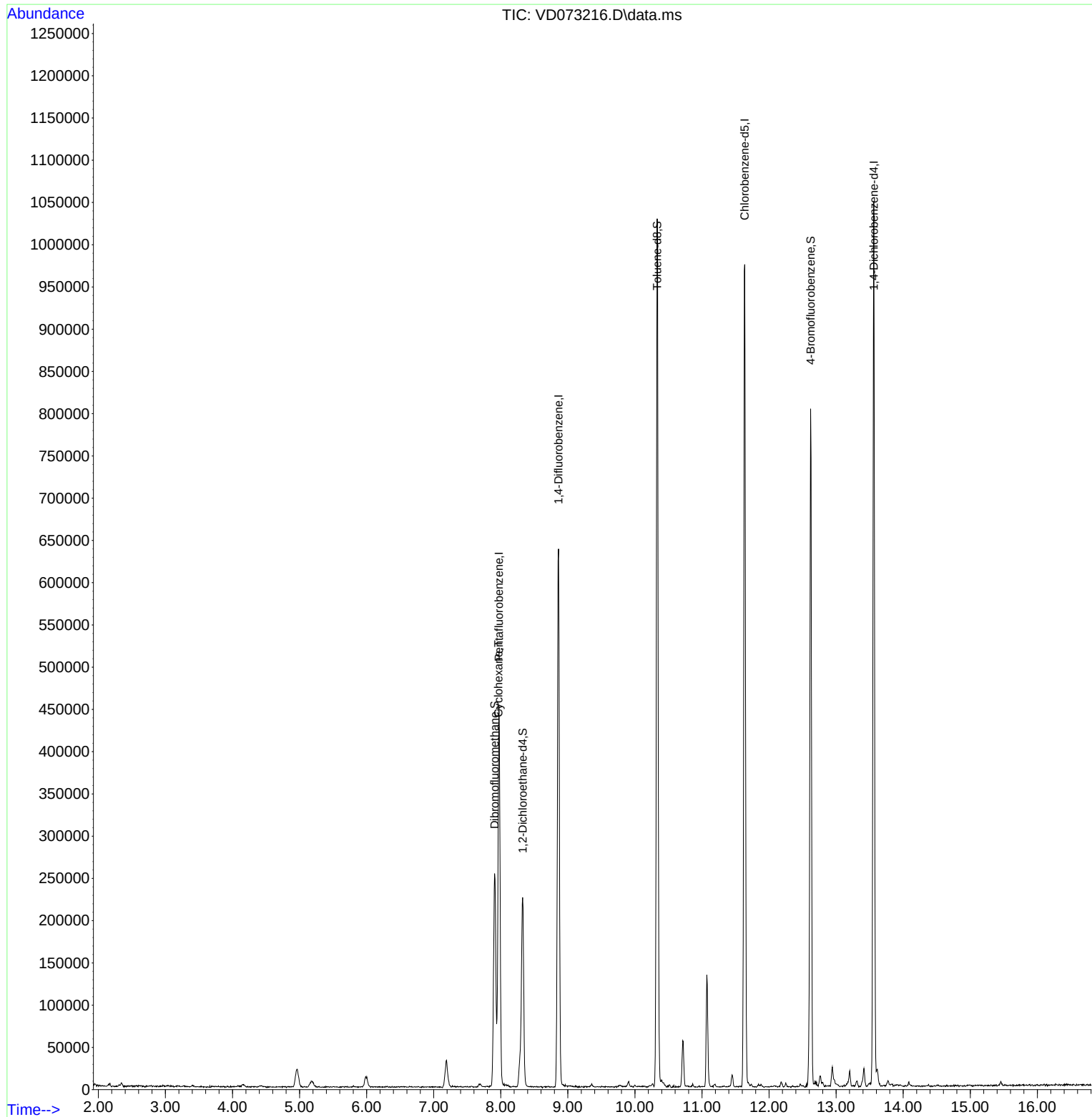
Internal Standards						
1) Pentafluorobenzene	7.973	168	311857	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	553653	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	583996	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	272171	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	177640	51.543	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.080%	
35) Dibromofluoromethane	7.908	113	186569	51.068	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.140%	
50) Toluene-d8	10.332	98	680748	50.548	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 101.100%	
62) 4-Bromofluorobenzene	12.620	95	262159	55.469	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 110.940%	
Target Compounds						
					Qvalue	
31) Cyclohexane	7.967	56	8262	1.372	ug/l #	3

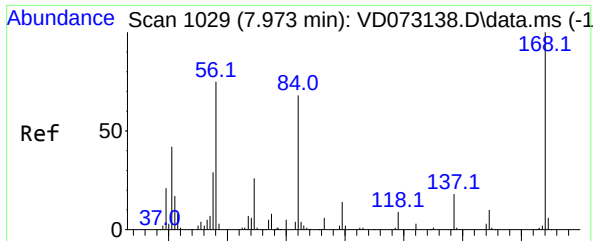
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. 0.000 min

Lab File: VD073216.D

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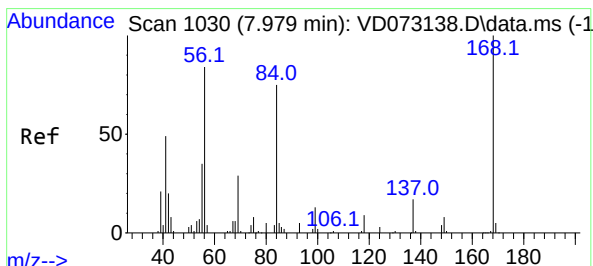
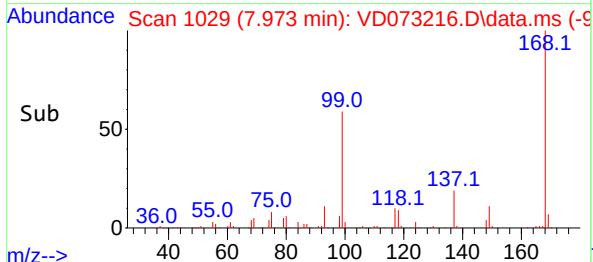
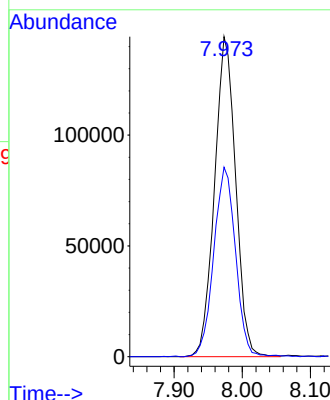
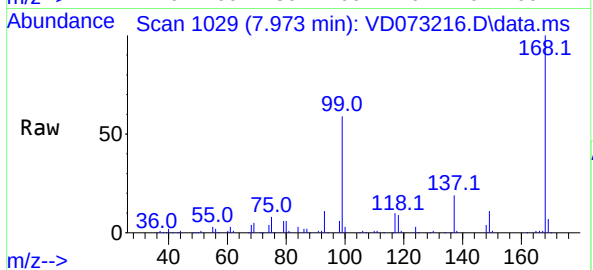
P008-SS002-1218-01

Tgt Ion:168 Resp: 311857

Ion Ratio Lower Upper

168 100

99 59.2 49.8 74.6



Cyclohexane

Concen: 1.372 ug/l

RT: 7.967 min Scan# 1028

Delta R.T. -0.012 min

Lab File: VD073216.D

Acq: 21 May 2022 08:16

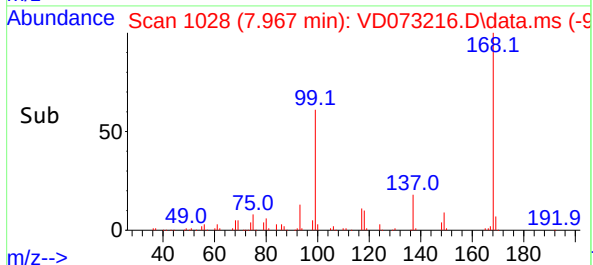
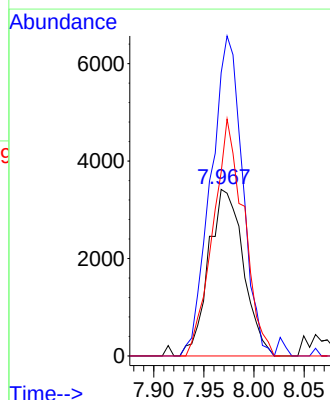
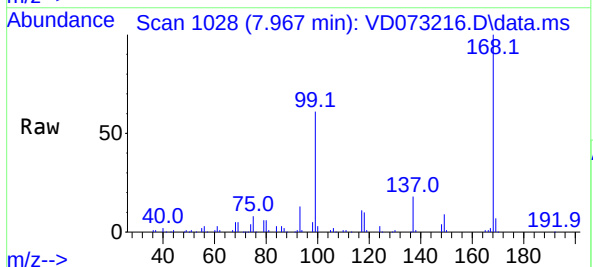
Tgt Ion: 56 Resp: 8262

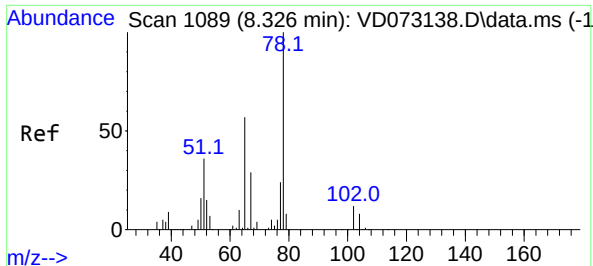
Ion Ratio Lower Upper

56 100

69 170.0 25.4 38.2#

84 110.2 63.0 94.4#

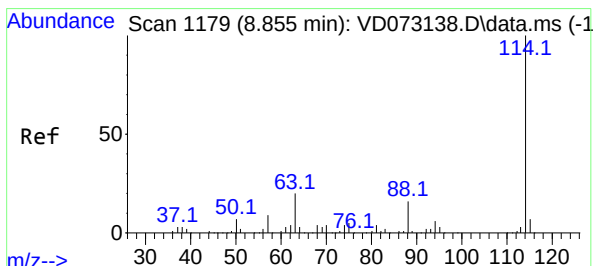
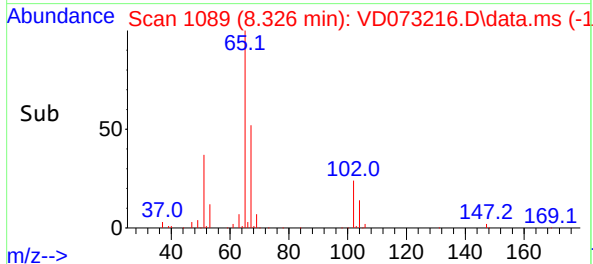
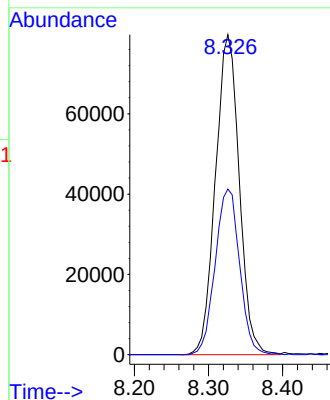
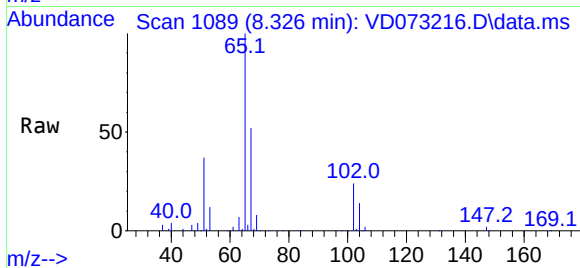




#33
1,2-Dichloroethane-d4
Concen: 51.543 ug/l
RT: 8.326 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD073216.D
Acq: 21 May 2022 08:16

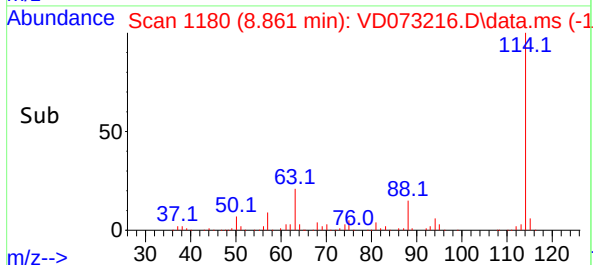
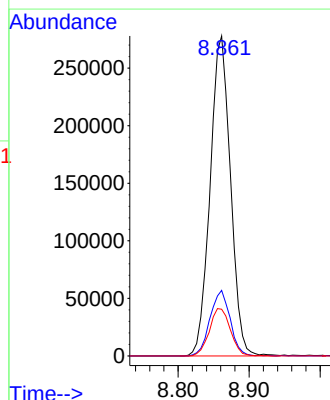
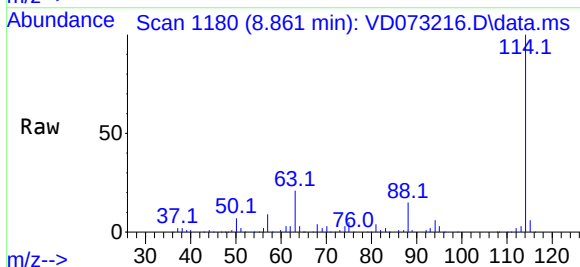
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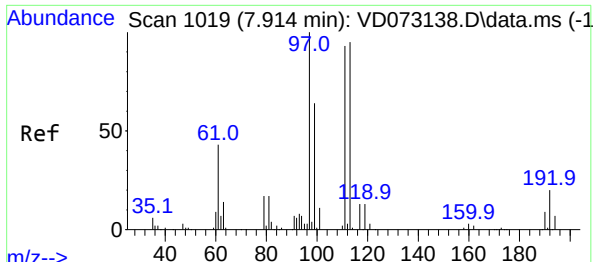
Tgt Ion: 65 Resp: 177640
Ion Ratio Lower Upper
65 100
67 53.2 0.0 101.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.006 min
Lab File: VD073216.D
Acq: 21 May 2022 08:16

Tgt Ion: 114 Resp: 553653
Ion Ratio Lower Upper
114 100
63 20.5 0.0 46.6
88 14.6 0.0 33.2

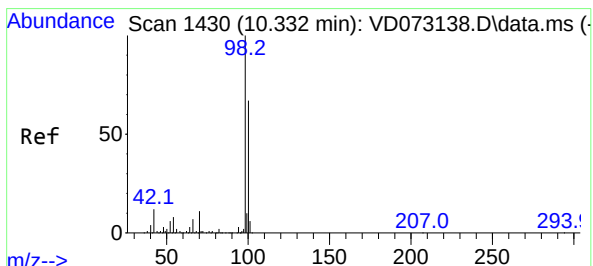
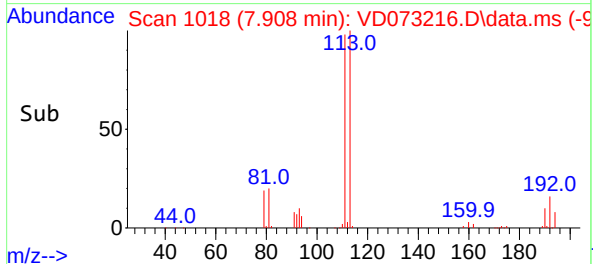
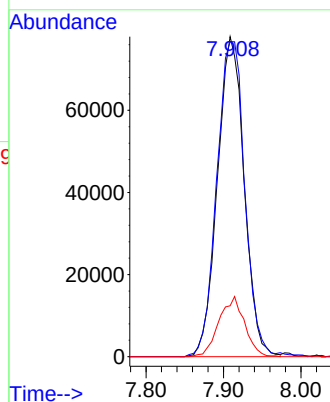
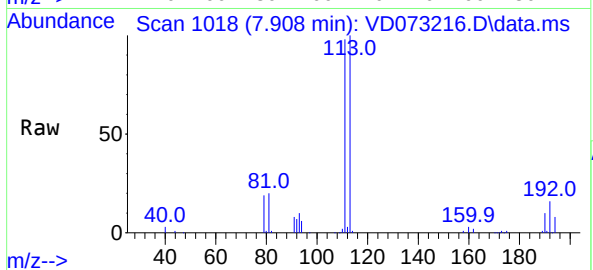




#35
Dibromofluoromethane
Concen: 51.068 ug/l
RT: 7.908 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD073216.D
Acq: 21 May 2022 08:16

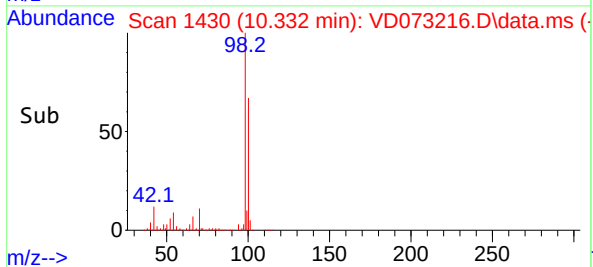
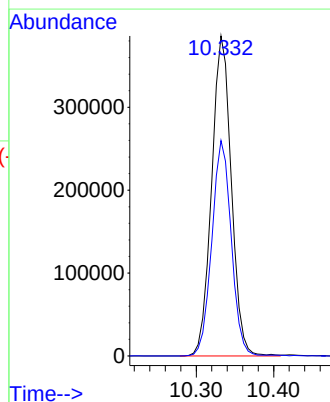
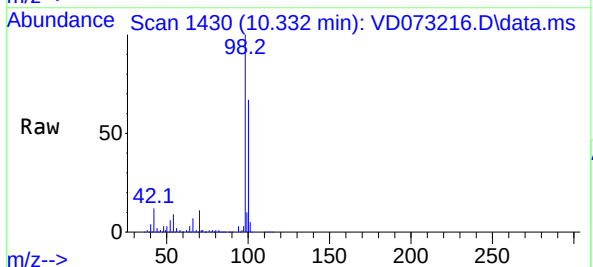
Instrument :
MSVOA_D
ClientSampleId :
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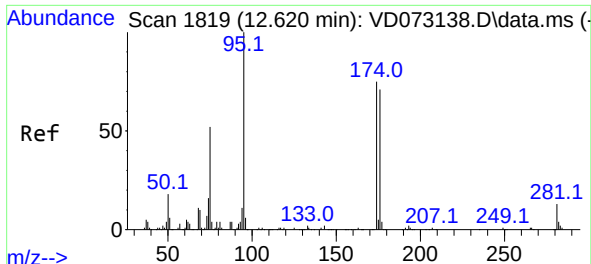
Tgt Ion:113 Resp: 186569
Ion Ratio Lower Upper
113 100
111 103.9 83.8 125.6
192 18.1 14.6 21.8



#50
Toluene-d8
Concen: 50.548 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073216.D
Acq: 21 May 2022 08:16

Tgt Ion: 98 Resp: 680748
Ion Ratio Lower Upper
98 100
100 66.6 52.4 78.6

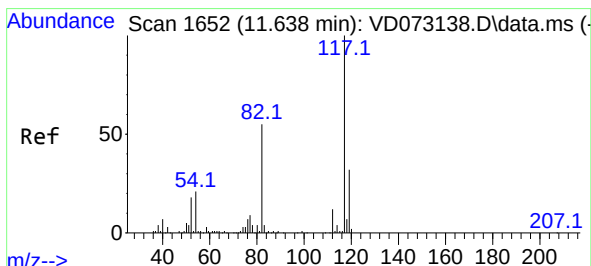
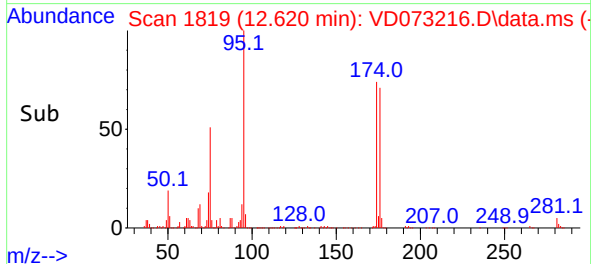
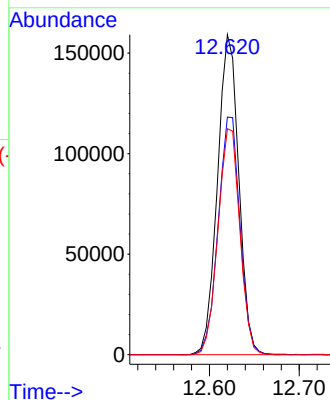
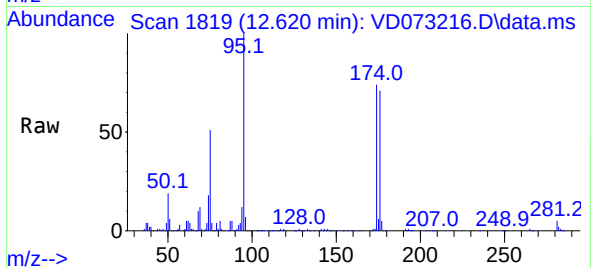




#62
4-Bromofluorobenzene
Concen: 55.469 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073216.D
Acq: 21 May 2022 08:16

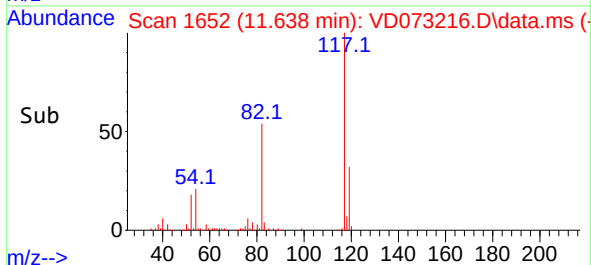
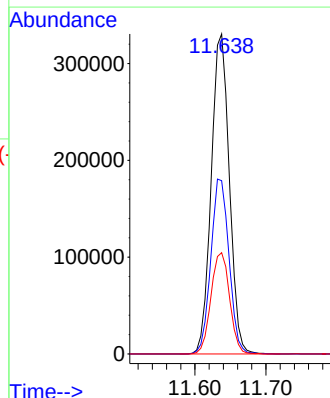
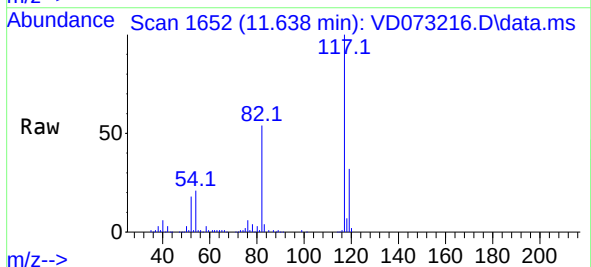
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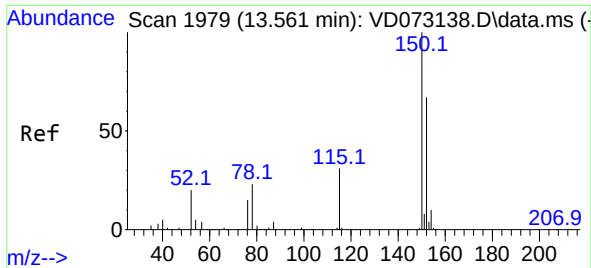
Tgt Ion: 95 Resp: 262159
Ion Ratio Lower Upper
95 100
174 76.2 0.0 152.8
176 72.3 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD073216.D
Acq: 21 May 2022 08:16

Tgt Ion: 117 Resp: 583996
Ion Ratio Lower Upper
117 100
82 54.1 45.3 67.9
119 31.7 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: VD073216.D

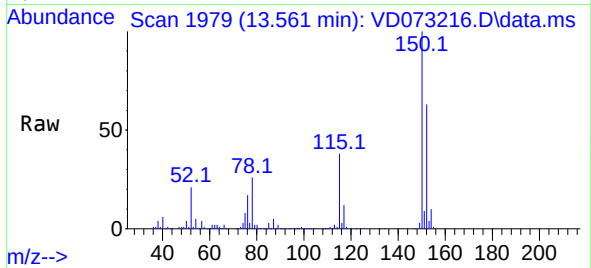
Acq: 21 May 2022 08:16

Instrument :

MSVOA_D

ClientSampleId :

P008-SS002-1218-01



Tgt Ion:152 Resp: 272171

Ion Ratio Lower Upper

152 100

115 59.7 31.3 93.8

150 157.6 0.0 348.6

