

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052022\
 Data File : VD073214.D
 Acq On : 21 May 2022 07:18
 Operator : VA/SY
 Sample : N2885-10
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P008-SS002-0006-01

Quant Time: May 22 00:00:27 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)

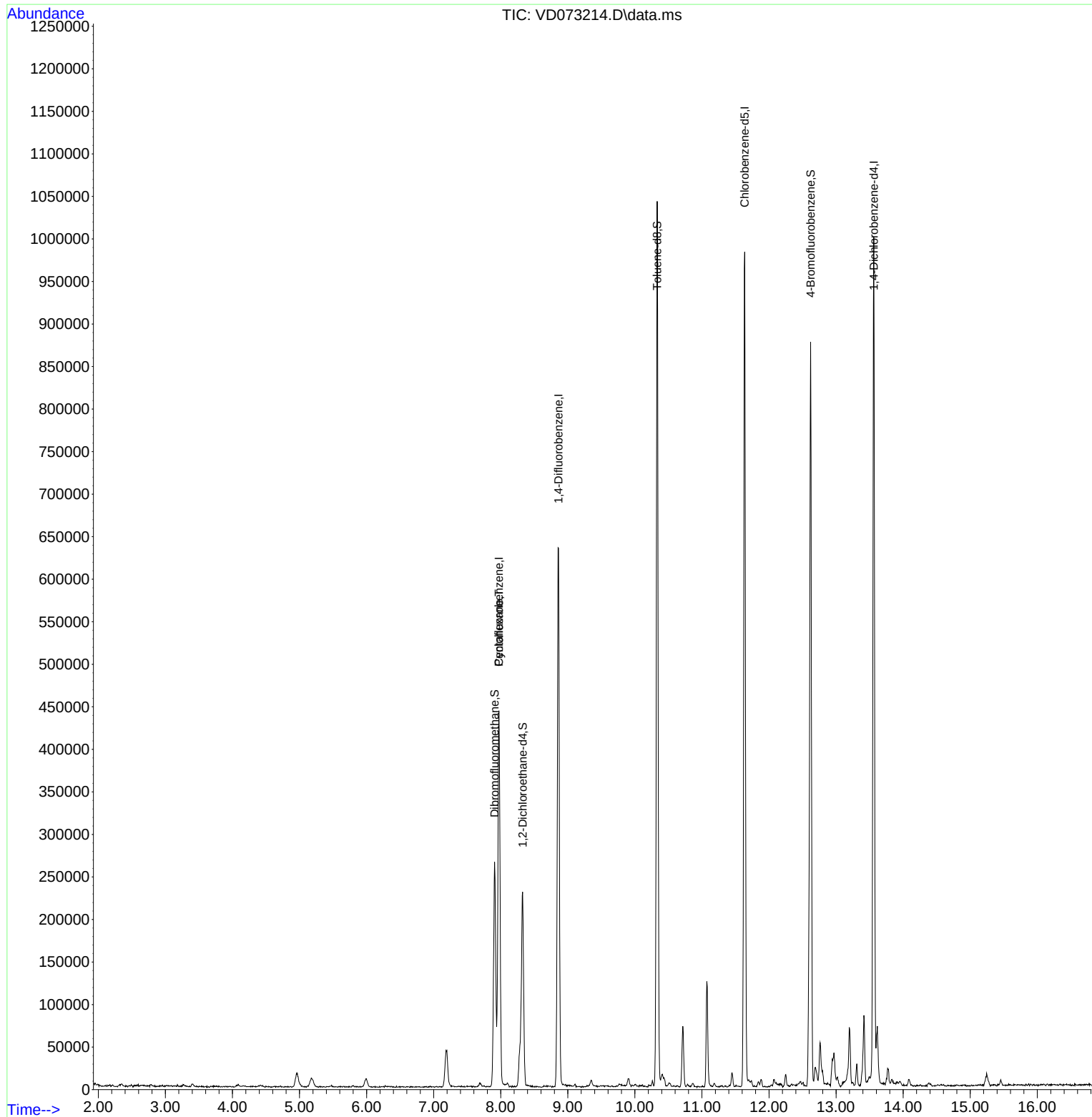
Internal Standards						
1) Pentafluorobenzene	7.973	168	314135	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	549364	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	573486	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	265987	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	173092	49.859	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.720%
35) Dibromofluoromethane	7.909	113	186469	51.439	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.880%
50) Toluene-d8	10.332	98	677967	50.735	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.480%
62) 4-Bromofluorobenzene	12.620	95	270716	57.727	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	115.460%
Target Compounds						
					Qvalue	
31) Cyclohexane	7.973	56	9834	1.621	ug/l #	29

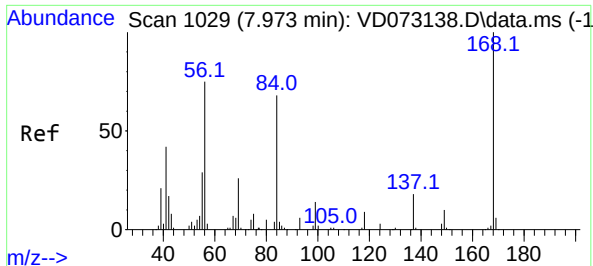
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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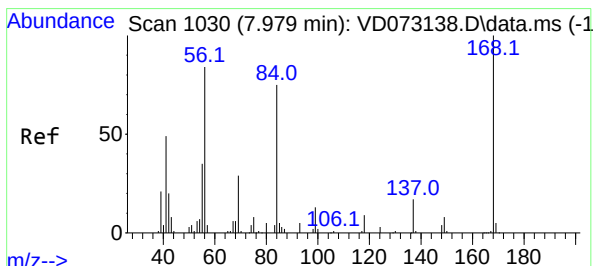
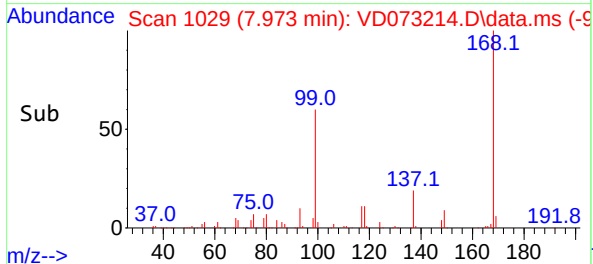
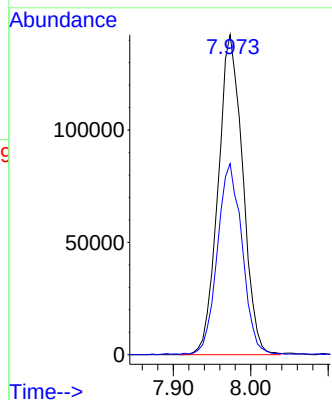
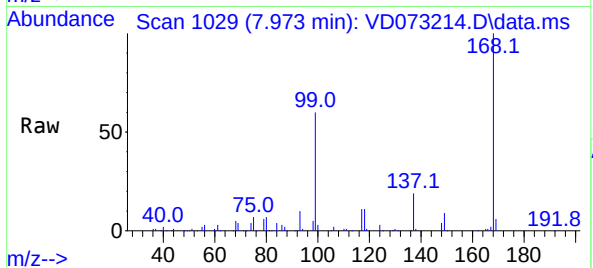




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073214.D
Acq: 21 May 2022 07:18

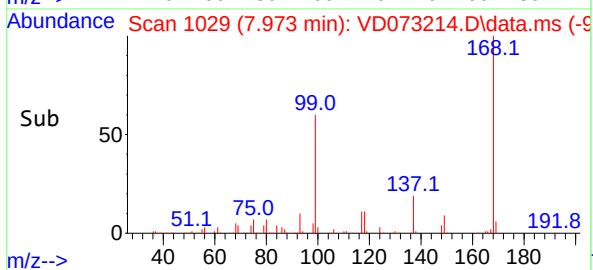
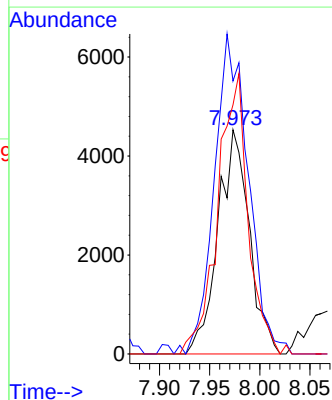
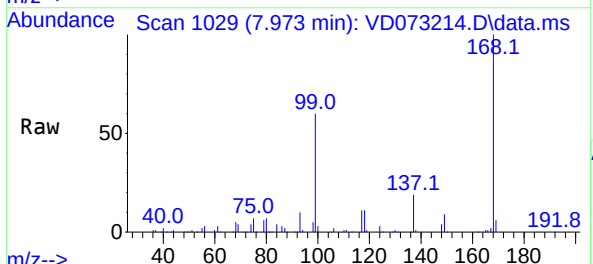
Instrument :
MSVOA_D
ClientSampleId :
P008-SS002-0006-01

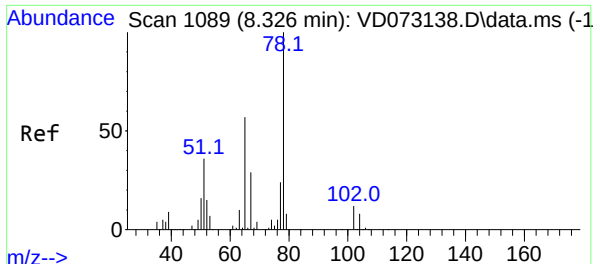
Tgt Ion:168 Resp: 314135
Ion Ratio Lower Upper
168 100
99 59.6 49.8 74.6



#31
Cyclohexane
Concen: 1.621 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD073214.D
Acq: 21 May 2022 07:18

Tgt Ion: 56 Resp: 9834
Ion Ratio Lower Upper
56 100
69 117.9 25.4 38.2#
84 111.1 63.0 94.4#





#33

1,2-Dichloroethane-d4

Concen: 49.859 ug/l

RT: 8.326 min Scan# 110

Delta R.T. 0.000 min

Lab File: VD073214.D

Acq: 21 May 2022 07:18

Instrument :

MSVOA_D

ClientSampleId :

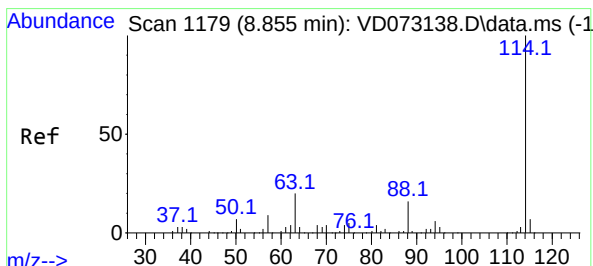
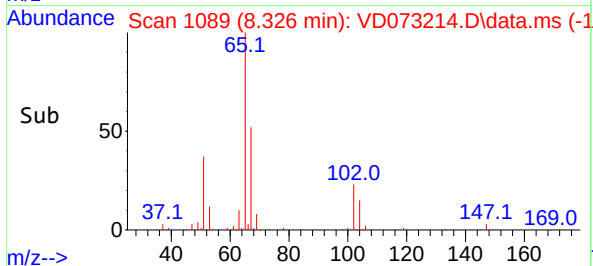
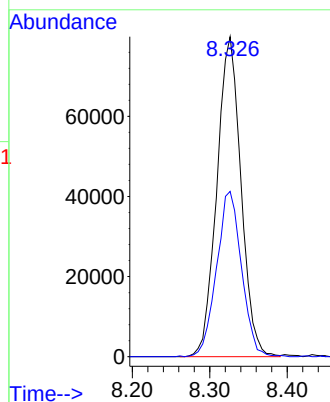
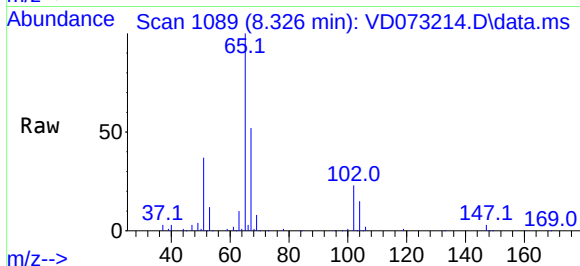
P008-SS002-0006-01

Tgt Ion: 65 Resp: 173092

Ion Ratio Lower Upper

65 100

67 53.5 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: VD073214.D

Acq: 21 May 2022 07:18

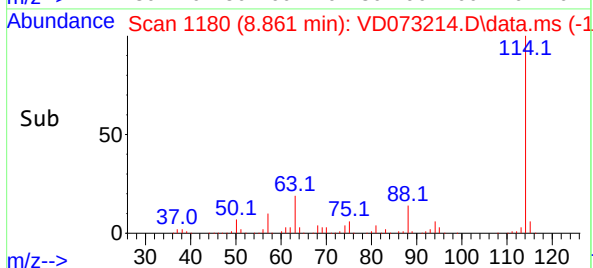
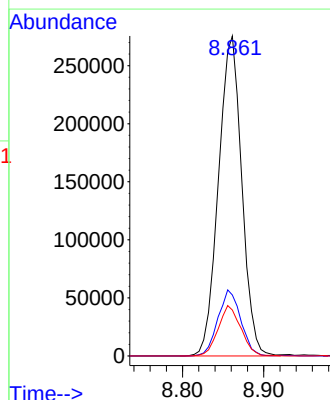
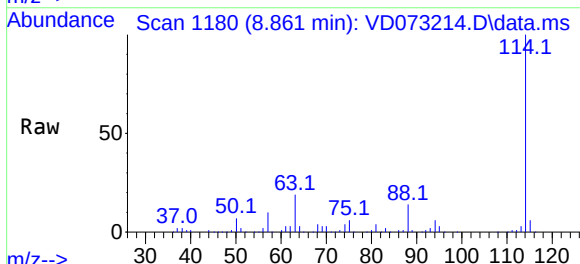
Tgt Ion: 114 Resp: 549364

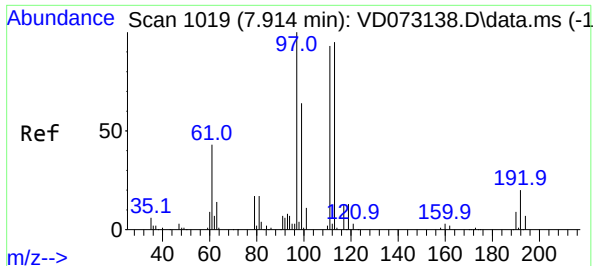
Ion Ratio Lower Upper

114 100

63 19.0 0.0 46.6

88 14.4 0.0 33.2

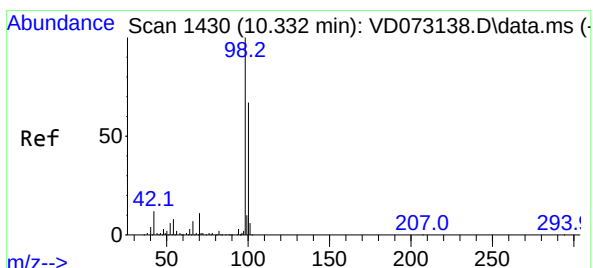
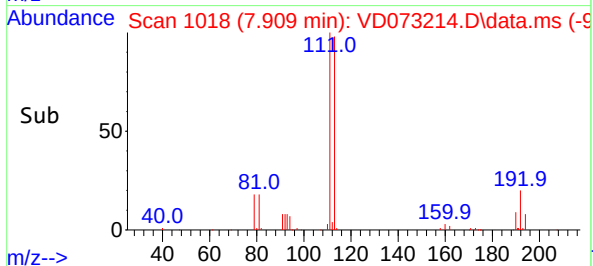
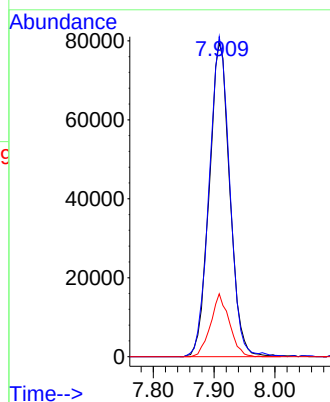
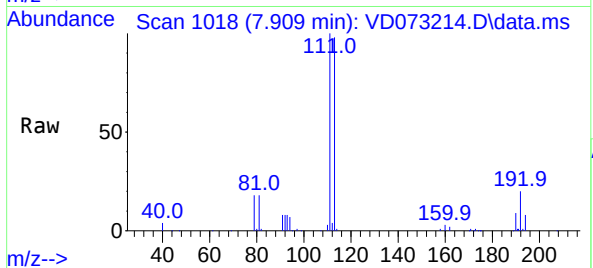




#35
Dibromofluoromethane
Concen: 51.439 ug/l
RT: 7.909 min Scan# 1019
Delta R.T. -0.005 min
Lab File: VD073214.D
Acq: 21 May 2022 07:18

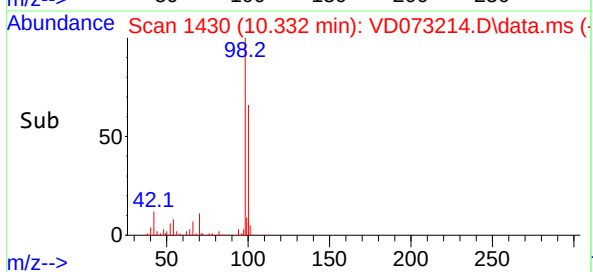
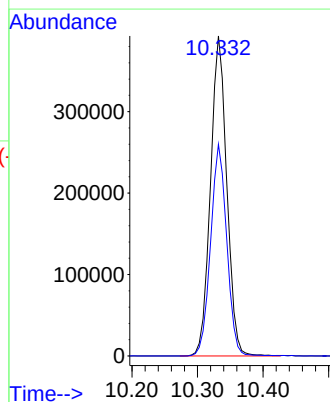
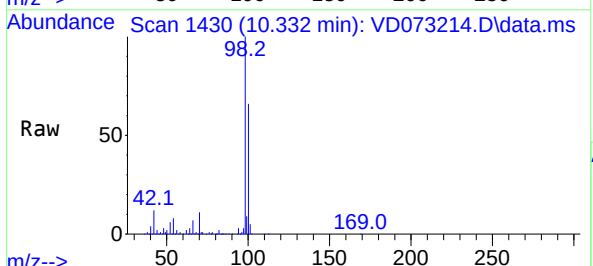
Instrument :
MSVOA_D
ClientSampleId :
P008-SS002-0006-01

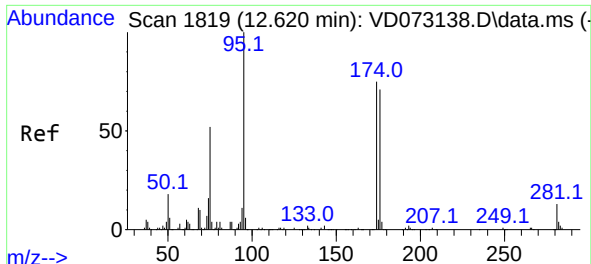
Tgt Ion:113 Resp: 186469
Ion Ratio Lower Upper
113 100
111 101.7 83.8 125.6
192 18.3 14.6 21.8



#50
Toluene-d8
Concen: 50.735 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073214.D
Acq: 21 May 2022 07:18

Tgt Ion: 98 Resp: 677967
Ion Ratio Lower Upper
98 100
100 65.5 52.4 78.6

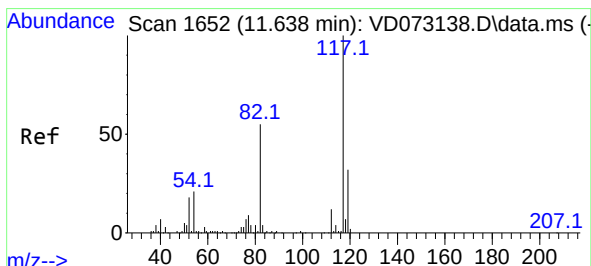
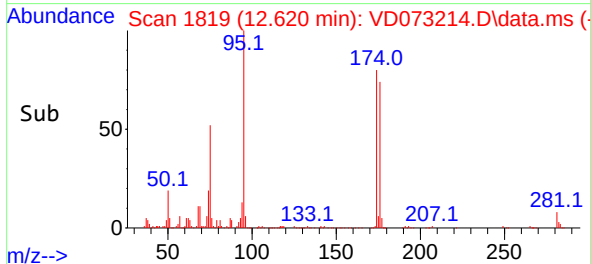
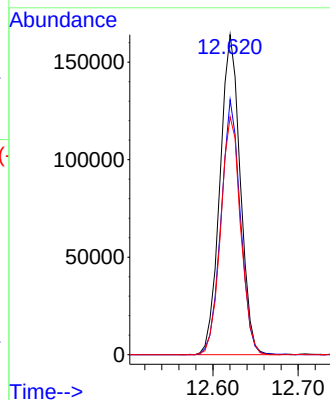
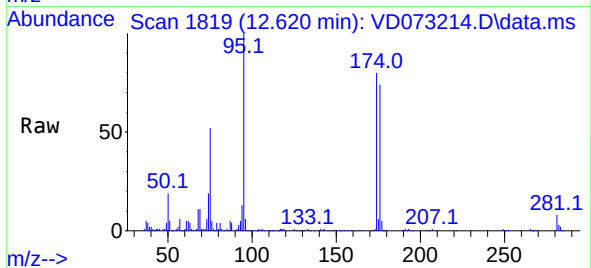




#62
4-Bromofluorobenzene
Concen: 57.727 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073214.D
Acq: 21 May 2022 07:18

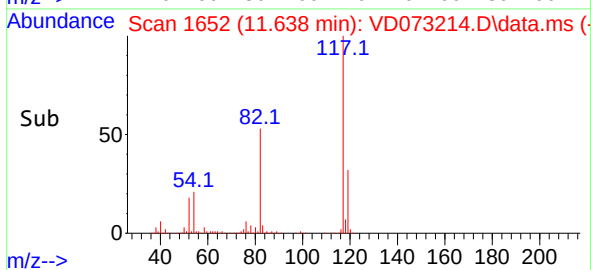
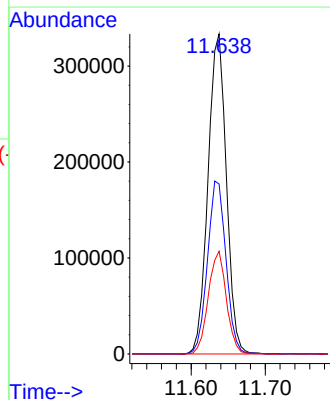
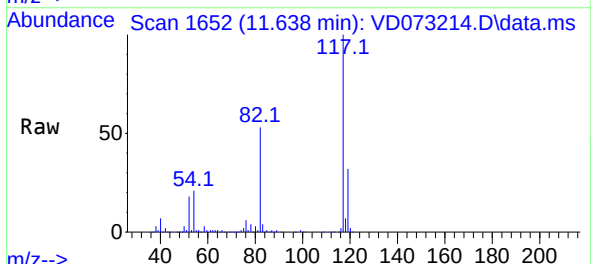
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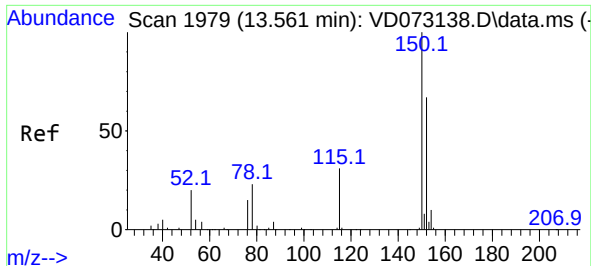
Tgt Ion: 95 Resp: 270716
Ion Ratio Lower Upper
95 100
174 76.1 0.0 152.8
176 73.2 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD073214.D
Acq: 21 May 2022 07:18

Tgt Ion: 117 Resp: 573486
Ion Ratio Lower Upper
117 100
82 53.1 45.3 67.9
119 32.1 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: VD073214.D

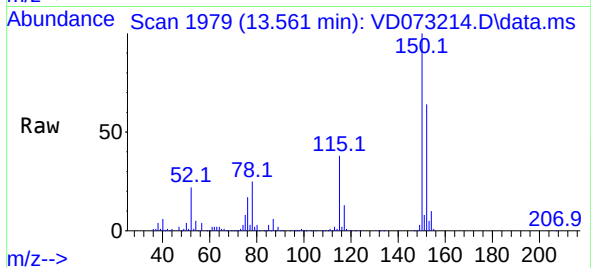
Acq: 21 May 2022 07:18

Instrument :

MSVOA_D

ClientSampleId :

P008-SS002-0006-01



Tgt Ion:152 Resp: 265987

Ion Ratio Lower Upper

152 100

115 60.7 31.3 93.8

150 158.6 0.0 348.6

