

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052122\
 Data File : VD073255.D
 Acq On : 22 May 2022 05:05
 Operator : VA/SY
 Sample : N2920-08
 Misc : 4.43G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P024-SS001-1218-01

Quant Time: May 23 01:12:54 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)

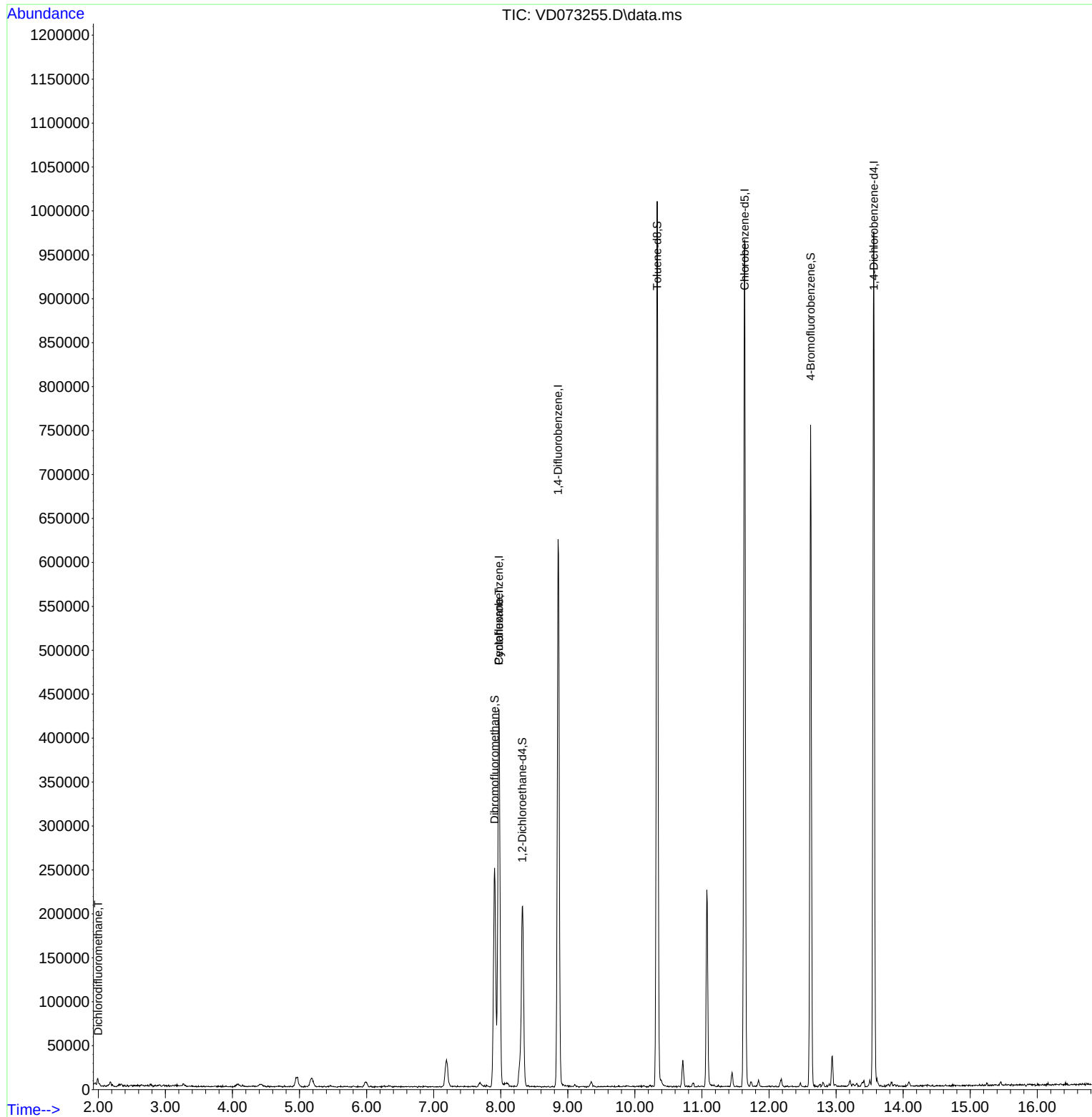
Internal Standards						
1) Pentafluorobenzene	7.973	168	314618	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	533678	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	559977	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	250390	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	164398	47.282	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.560%
35) Dibromofluoromethane	7.909	113	180436	51.238	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.480%
50) Toluene-d8	10.332	98	668320	51.483	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.960%
62) 4-Bromofluorobenzene	12.620	95	242479	53.226	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	106.460%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.997	85	5574	1.773	ug/l	98
31) Cyclohexane	7.973	56	9850	1.621	ug/l #	1

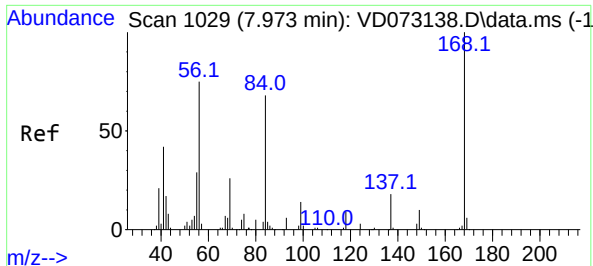
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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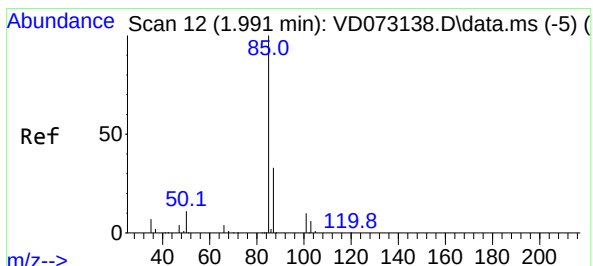
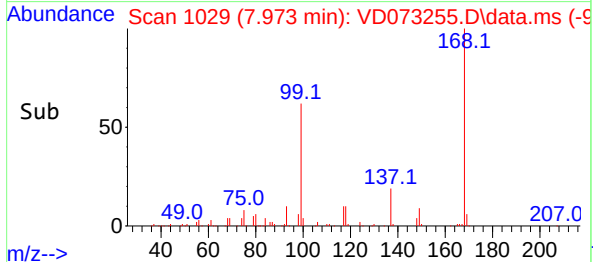
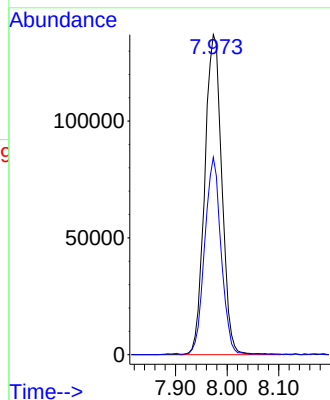
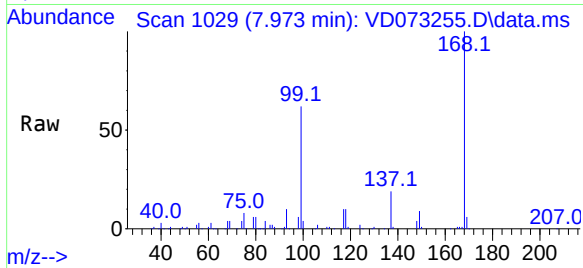




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 10
Delta R.T. 0.000 min
Lab File: VD073255.D
Acq: 22 May 2022 05:05

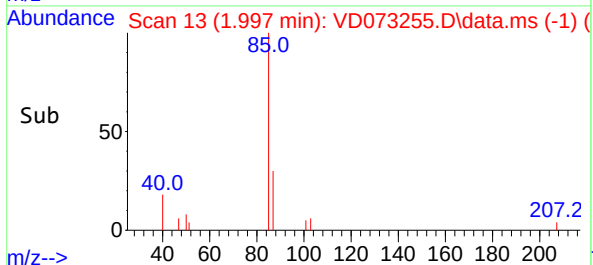
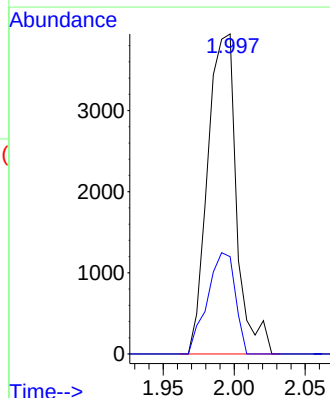
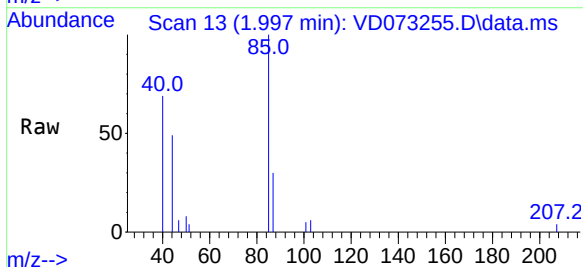
Instrument :
MSVOA_D
ClientSampleId :
P024-SS001-1218-01

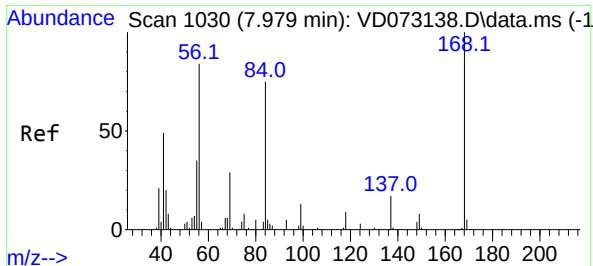
Tgt Ion:168 Resp: 314618
Ion Ratio Lower Upper
168 100
99 61.5 49.8 74.6



#2
Dichlorodifluoromethane
Concen: 1.773 ug/l
RT: 1.997 min Scan# 13
Delta R.T. 0.006 min
Lab File: VD073255.D
Acq: 22 May 2022 05:05

Tgt Ion: 85 Resp: 5574
Ion Ratio Lower Upper
85 100
87 30.4 15.7 47.0





#31

Cyclohexane

Concen: 1.621 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.006 min

Lab File: VD073255.D

Acq: 22 May 2022 05:05

Instrument :

MSVOA_D

ClientSampleId :

P024-SS001-1218-01

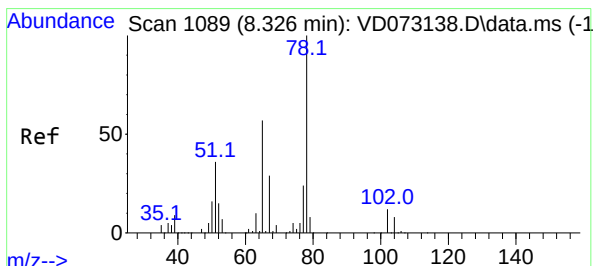
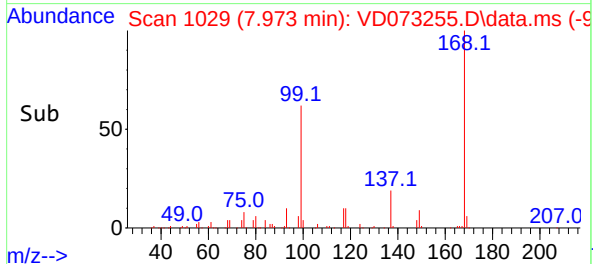
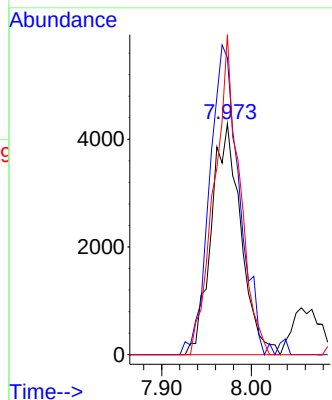
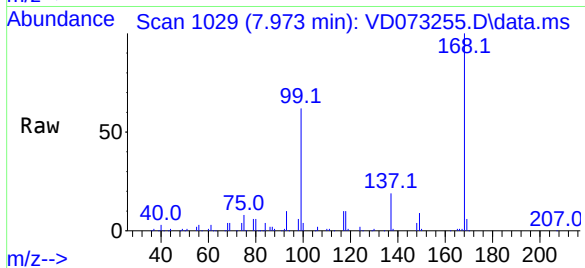
Tgt Ion: 56 Resp: 9850

Ion Ratio Lower Upper

56 100

69 128.6 25.4 38.2#

84 138.6 63.0 94.4#



#33

1,2-Dichloroethane-d4

Concen: 47.282 ug/l

RT: 8.320 min Scan# 1088

Delta R.T. -0.006 min

Lab File: VD073255.D

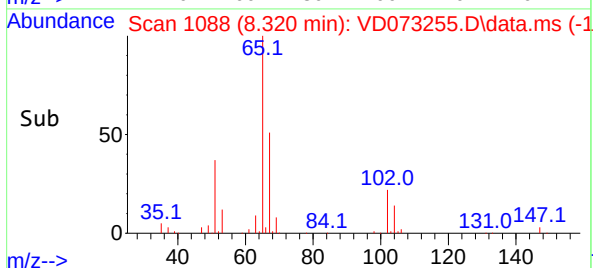
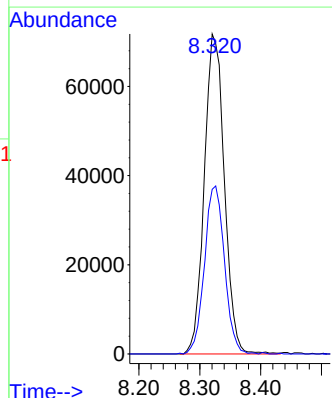
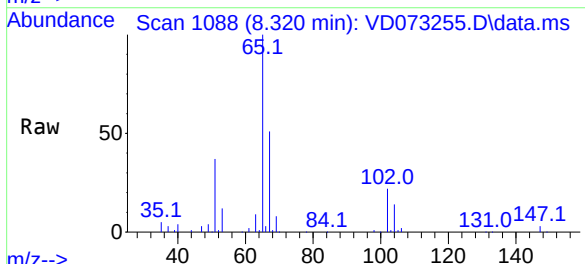
Acq: 22 May 2022 05:05

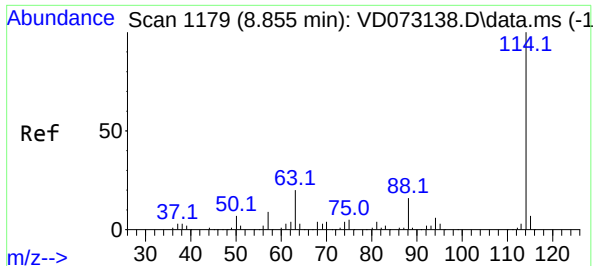
Tgt Ion: 65 Resp: 164398

Ion Ratio Lower Upper

65 100

67 52.4 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.856 min Scan# 1179

Delta R.T. 0.001 min

Lab File: VD073255.D

Acq: 22 May 2022 05:05

Instrument :

MSVOA_D

ClientSampleId :

P024-SS001-1218-01

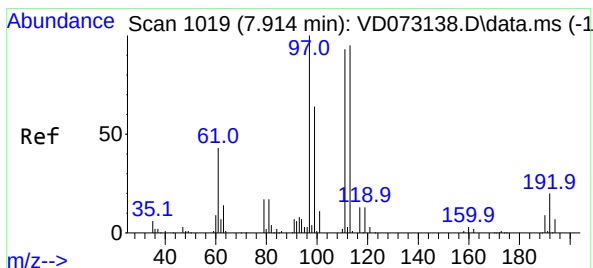
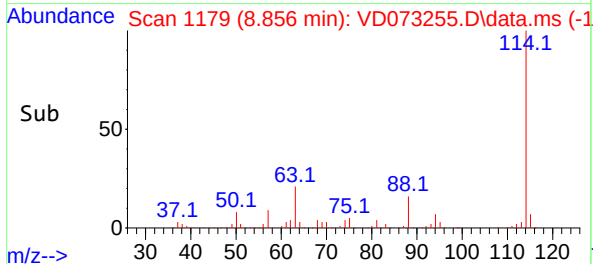
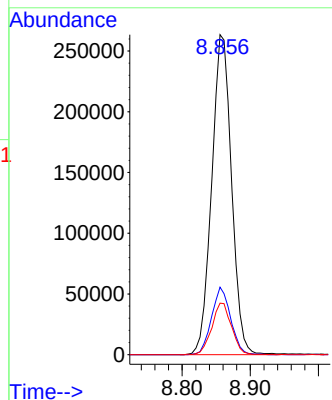
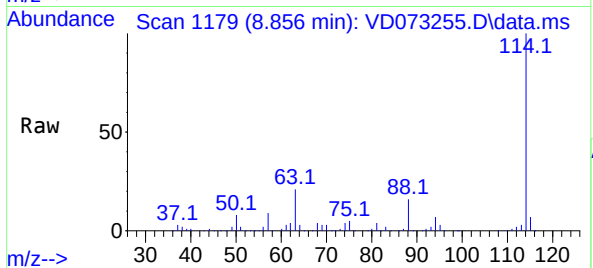
Tgt Ion:114 Resp: 533678

Ion Ratio Lower Upper

114 100

63 21.1 0.0 46.6

88 16.1 0.0 33.2



#35

Dibromofluoromethane

Concen: 51.238 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. -0.005 min

Lab File: VD073255.D

Acq: 22 May 2022 05:05

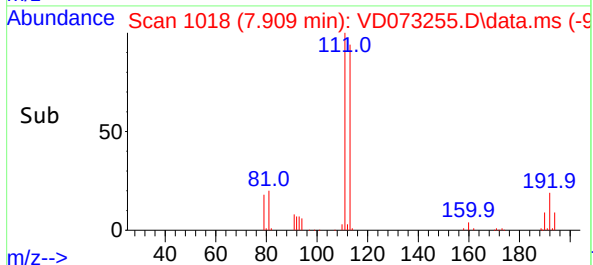
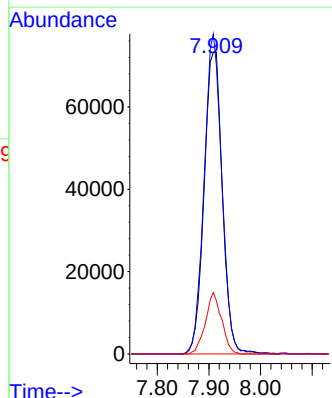
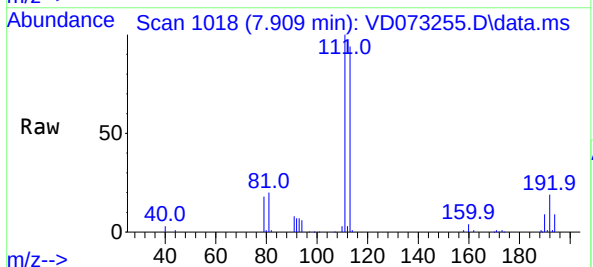
Tgt Ion:113 Resp: 180436

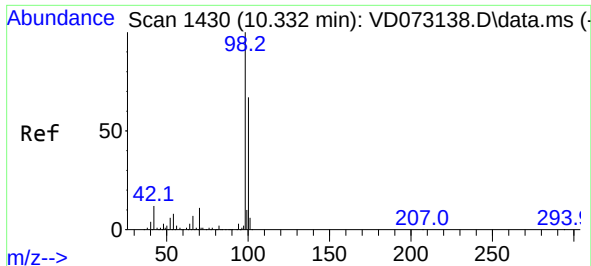
Ion Ratio Lower Upper

113 100

111 102.5 83.8 125.6

192 18.0 14.6 21.8

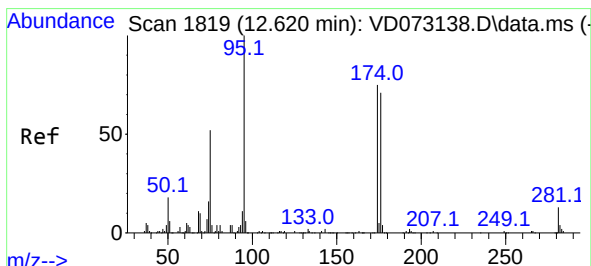
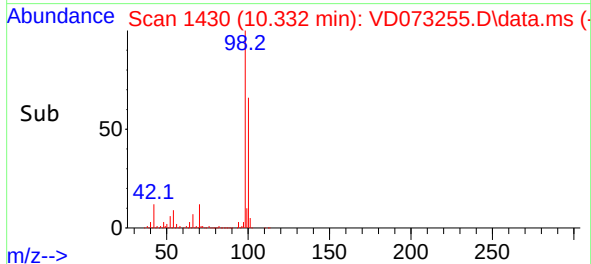
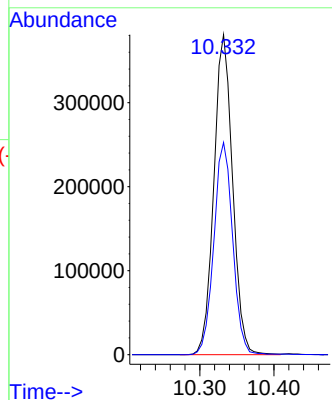
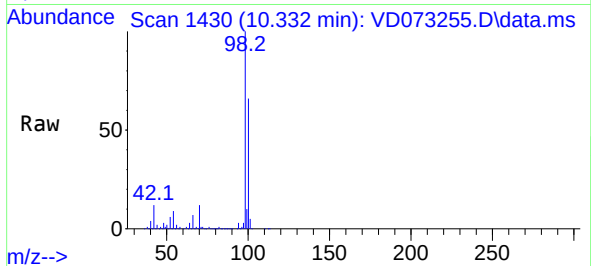




#50
Toluene-d8
Concen: 51.483 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073255.D
Acq: 22 May 2022 05:05

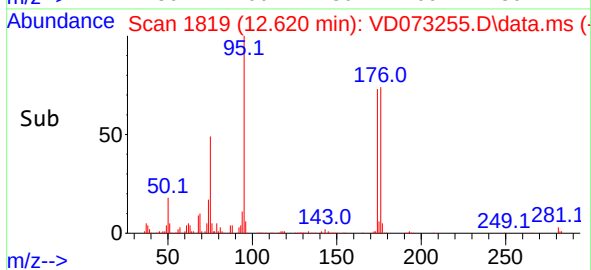
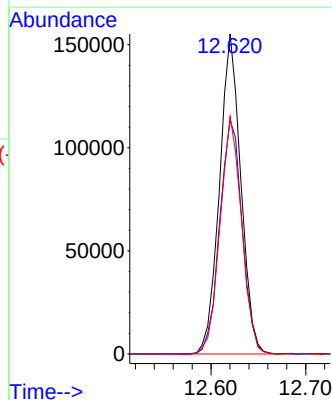
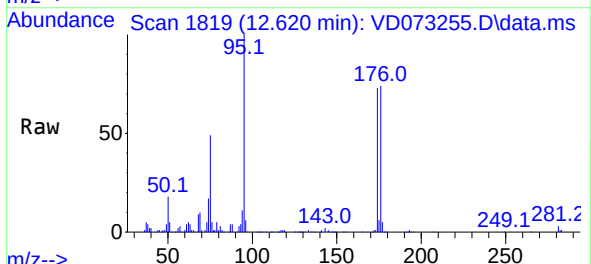
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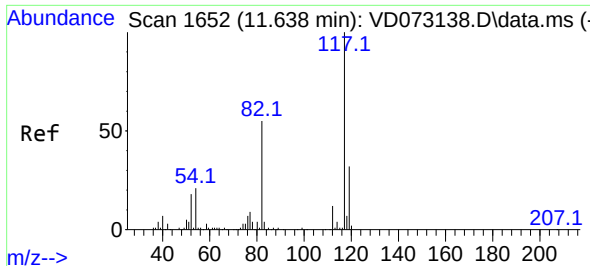
Tgt Ion: 98 Resp: 668320
Ion Ratio Lower Upper
98 100
100 66.8 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 53.226 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073255.D
Acq: 22 May 2022 05:05

Tgt Ion: 95 Resp: 242479
Ion Ratio Lower Upper
95 100
174 77.1 0.0 152.8
176 74.7 0.0 145.4

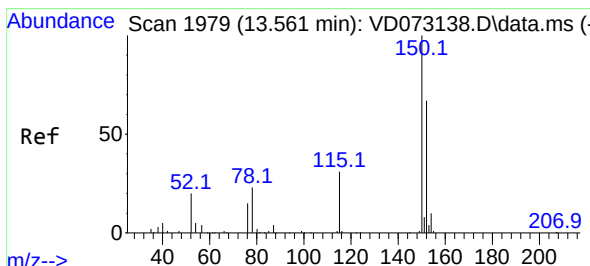
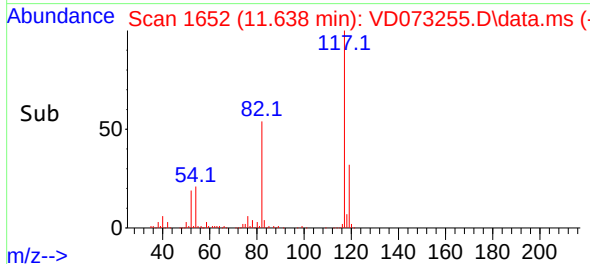
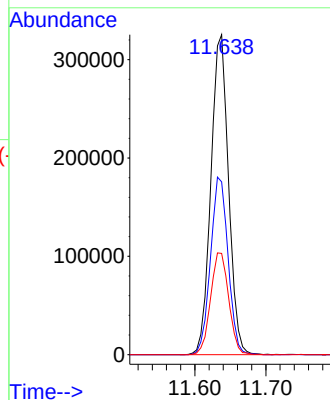
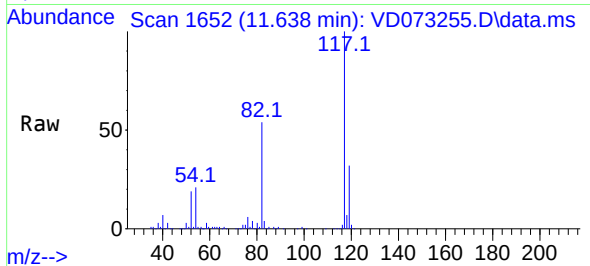




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD073255.D
Acq: 22 May 2022 05:05

Instrument :
MSVOA_D
ClientSampleId :
P024-SS001-1218-01

Tgt Ion:117 Resp: 559977
Ion Ratio Lower Upper
117 100
82 54.0 45.3 67.9
119 31.6 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: VD073255.D
Acq: 22 May 2022 05:05

Tgt Ion:152 Resp: 250390
Ion Ratio Lower Upper
152 100
115 60.9 31.3 93.8
150 160.3 0.0 348.6

