

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052122\
 Data File : VD073259.D
 Acq On : 22 May 2022 07:01
 Operator : VA/SY
 Sample : N2920-14
 Misc : 4.28G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P024-SS002-0006-01

Quant Time: May 23 01:13:45 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)

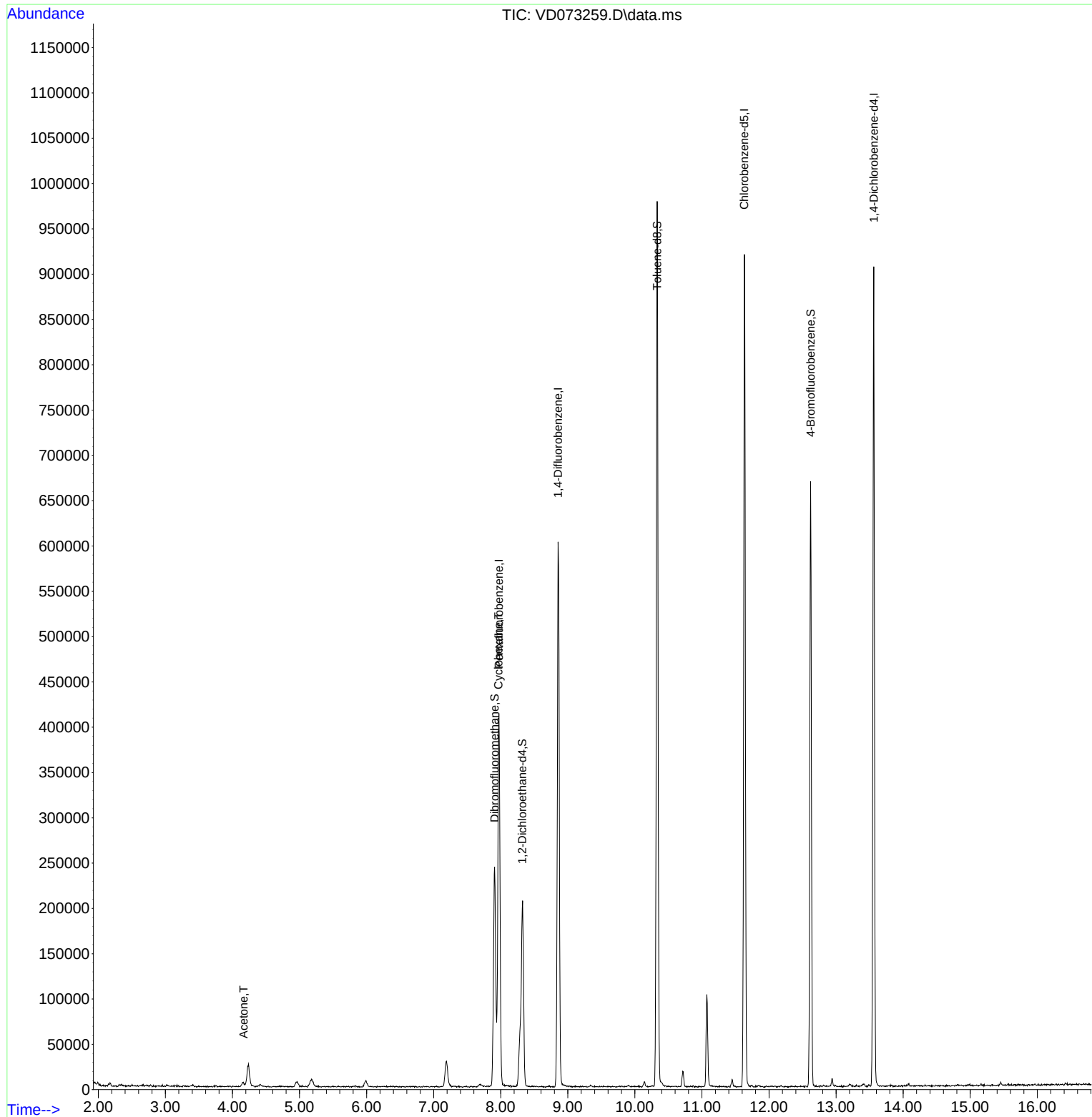
Internal Standards						
1) Pentafluorobenzene	7.973	168	293286	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	517153	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	533337	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	231619	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	155755	48.054	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.100%
35) Dibromofluoromethane	7.909	113	175829	51.525	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.040%
50) Toluene-d8	10.332	98	634912	50.472	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.940%
62) 4-Bromofluorobenzene	12.620	95	220590	49.968	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	99.940%
Target Compounds						
					Qvalue	
16) Acetone	4.168	43	8494	15.130	ug/l #	78
31) Cyclohexane	7.967	56	7472	1.319	ug/l #	19

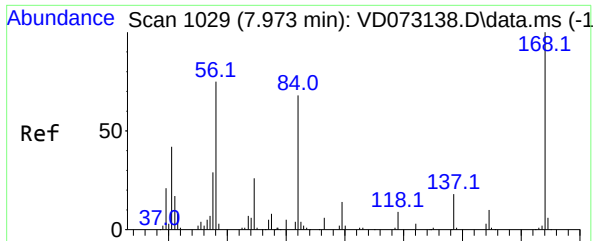
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD073259.D

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Instrument :

MSVOA_D

ClientSampleId :

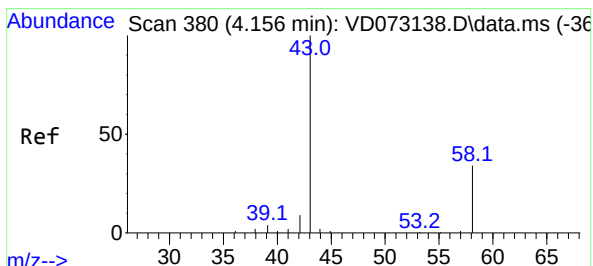
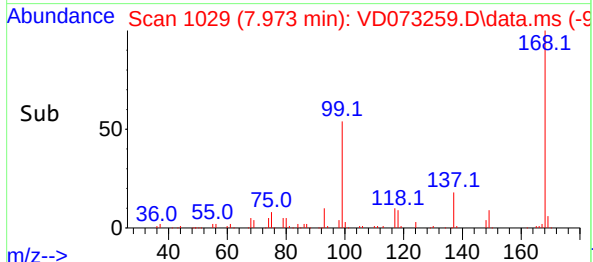
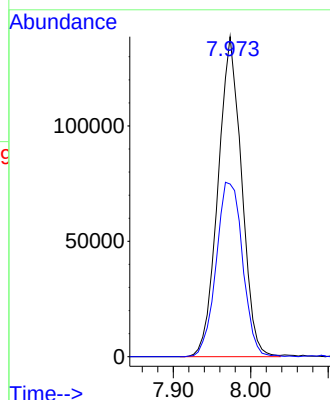
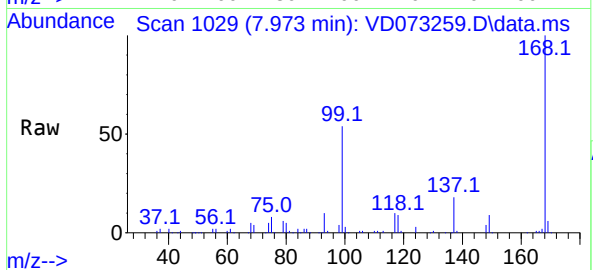
P024-SS002-0006-01

Tgt Ion:168 Resp: 293286

Ion Ratio Lower Upper

168 100

99 54.0 49.8 74.6



#16

Acetone

Concen: 15.130 ug/l

RT: 4.168 min Scan# 382

Delta R.T. 0.012 min

Lab File: VD073259.D

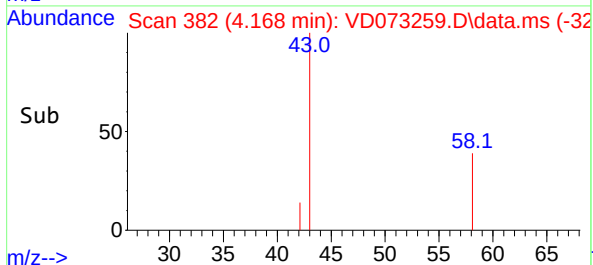
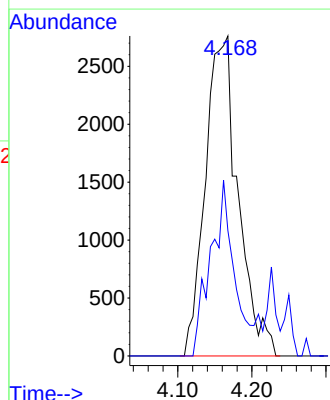
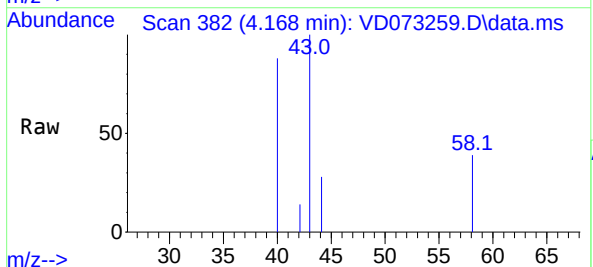
Acq: 22 May 2022 07:01

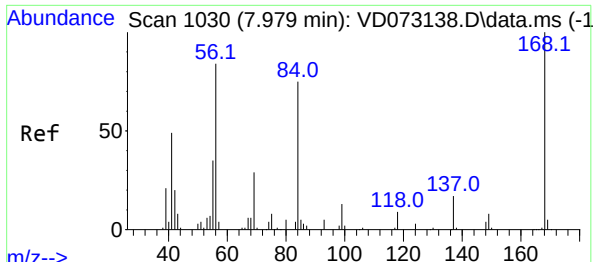
Tgt Ion: 43 Resp: 8494

Ion Ratio Lower Upper

43 100

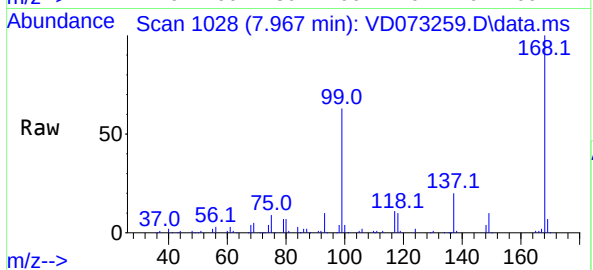
58 39.2 22.1 33.1#



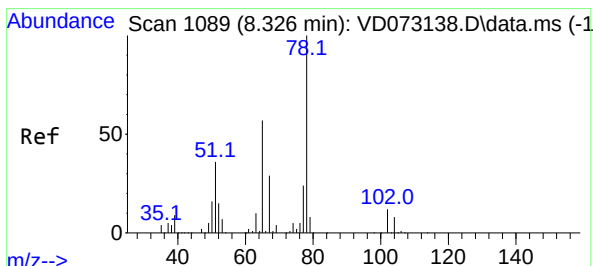
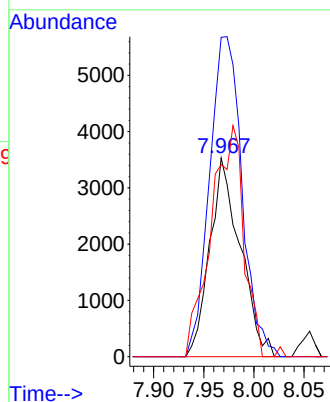
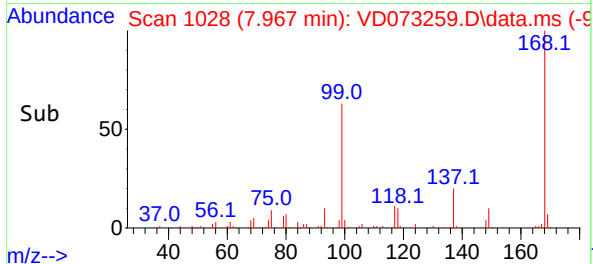


#31
Cyclohexane
Concen: 1.319 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.012 min
Lab File: VD073259.D
Acq: 22 May 2022 07:01

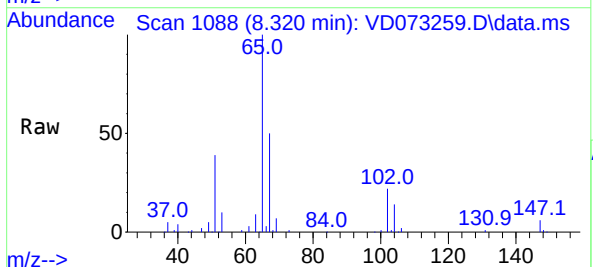
Instrument :
MSVOA_D
ClientSampleId :
P024-SS002-0006-01



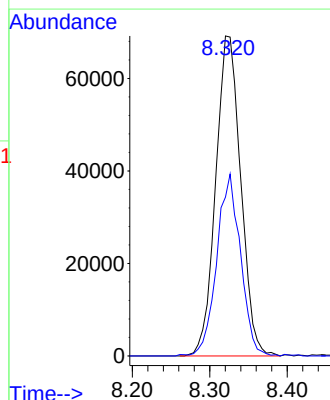
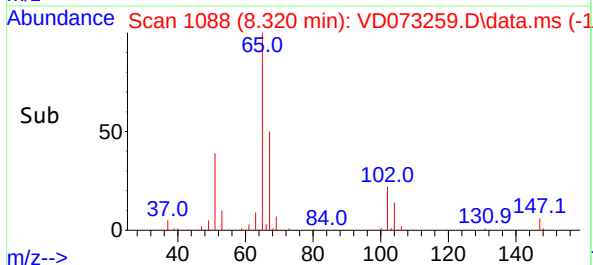
Tgt Ion: 56 Resp: 7472
Ion Ratio Lower Upper
56 100
69 160.7 25.4 38.2#
84 96.6 63.0 94.4#

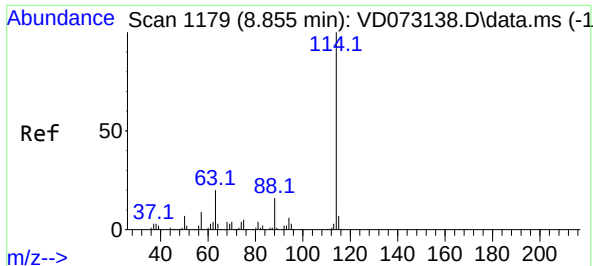


#33
1,2-Dichloroethane-d4
Concen: 48.054 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VD073259.D
Acq: 22 May 2022 07:01



Tgt Ion: 65 Resp: 155755
Ion Ratio Lower Upper
65 100
67 53.9 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: VD073259.D

Acq: 22 May 2022 07:01

Instrument :

MSVOA_D

ClientSampleId :

P024-SS002-0006-01

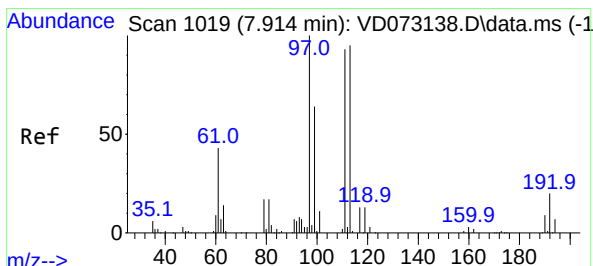
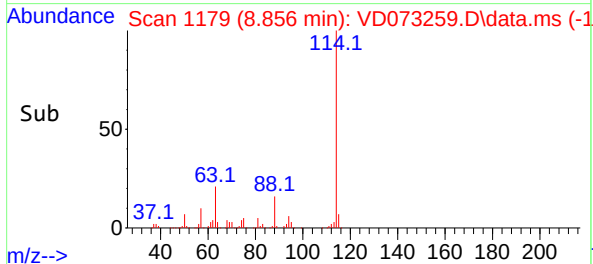
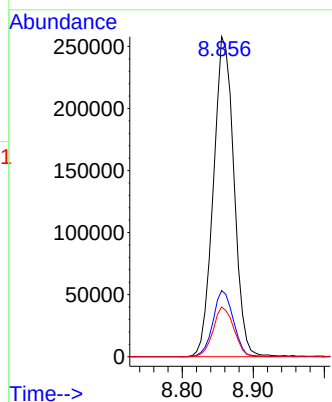
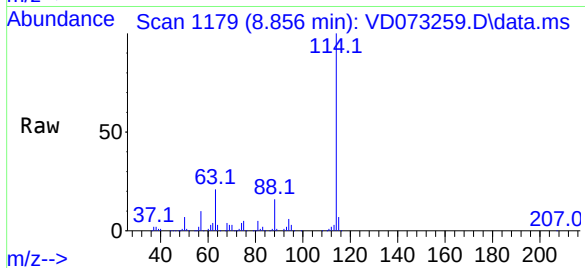
Tgt Ion:114 Resp: 517153

Ion Ratio Lower Upper

114 100

63 20.7 0.0 46.6

88 15.5 0.0 33.2



#35

Dibromofluoromethane

Concen: 51.525 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. -0.005 min

Lab File: VD073259.D

Acq: 22 May 2022 07:01

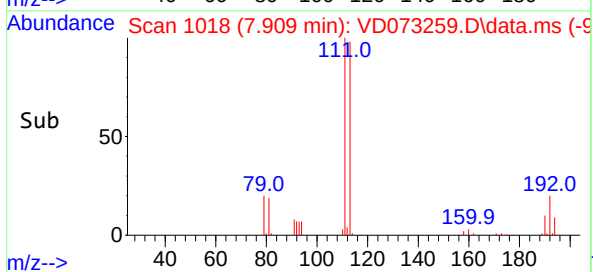
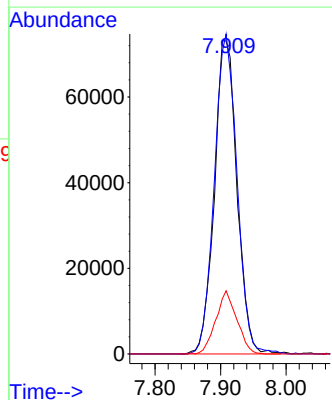
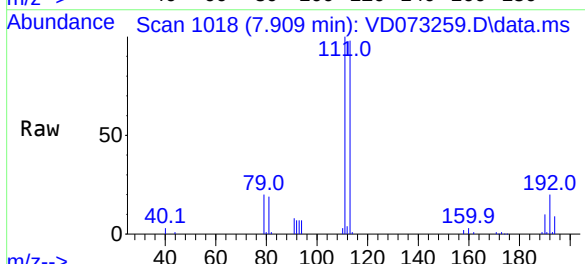
Tgt Ion:113 Resp: 175829

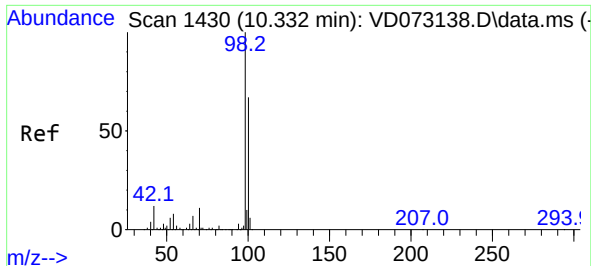
Ion Ratio Lower Upper

113 100

111 101.6 83.8 125.6

192 18.7 14.6 21.8

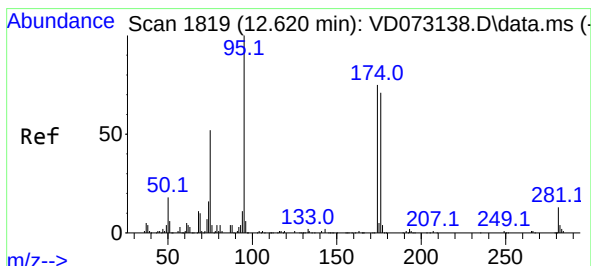
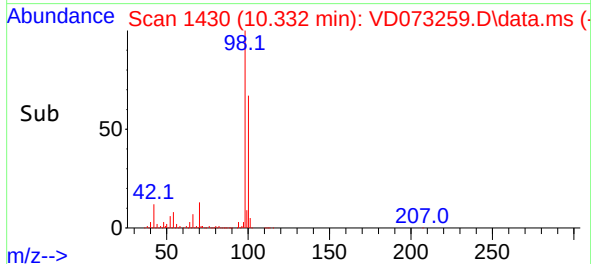
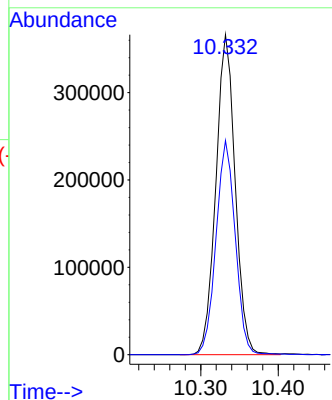
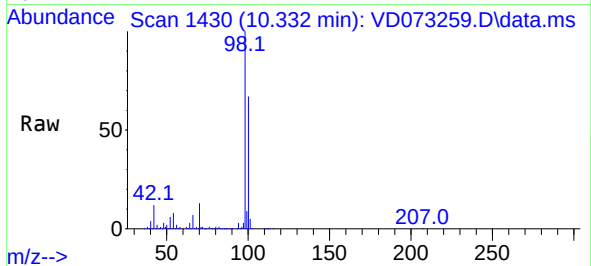




#50
Toluene-d8
Concen: 50.472 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073259.D
Acq: 22 May 2022 07:01

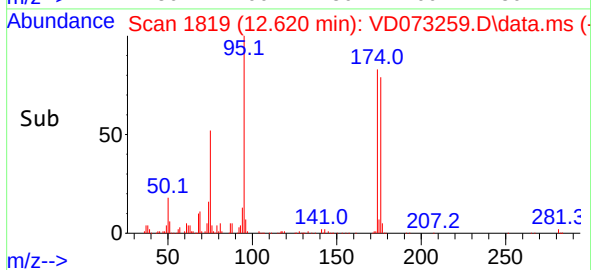
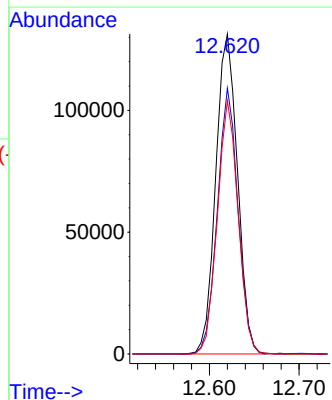
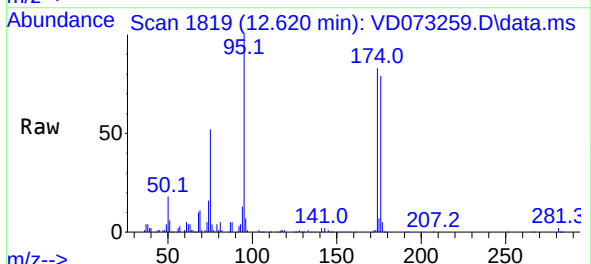
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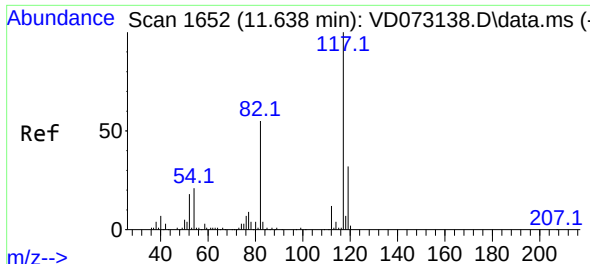
Tgt Ion: 98 Resp: 634912
Ion Ratio Lower Upper
98 100
100 66.7 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 49.968 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073259.D
Acq: 22 May 2022 07:01

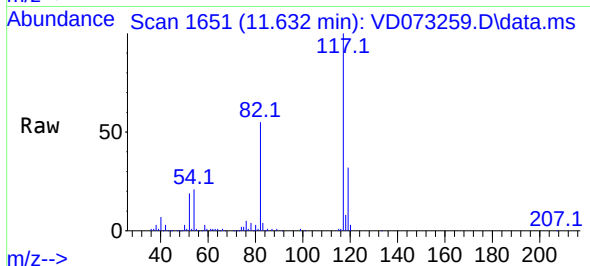
Tgt Ion: 95 Resp: 220590
Ion Ratio Lower Upper
95 100
174 79.0 0.0 152.8
176 75.6 0.0 145.4



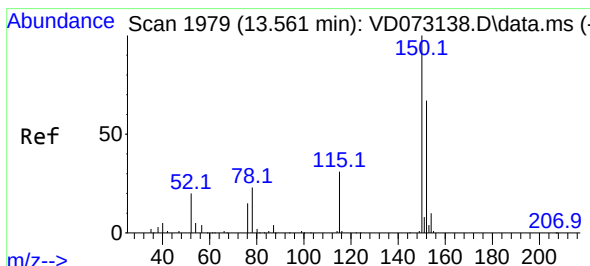
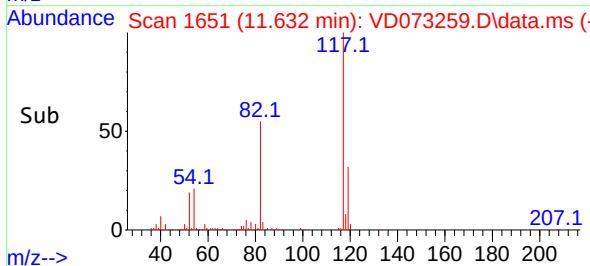
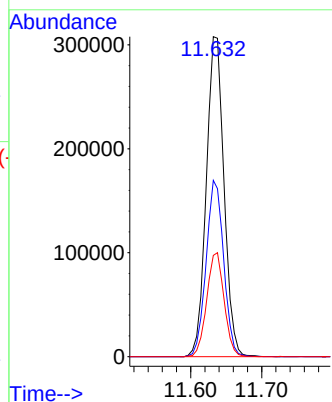


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 117
Delta R.T. -0.006 min
Lab File: VD073259.D
Acq: 22 May 2022 07:01

Instrument :
MSVOA_D
ClientSampleId :
P024-SS002-0006-01



Tgt Ion:117 Resp: 533337
Ion Ratio Lower Upper
117 100
82 55.1 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: VD073259.D
Acq: 22 May 2022 07:01

Tgt Ion:152 Resp: 231619
Ion Ratio Lower Upper
152 100
115 59.8 31.3 93.8
150 158.9 0.0 348.6

