

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082422\
 Data File : VN074089.D
 Acq On : 24 Aug 2022 14:12
 Operator : JC\MD
 Sample : N4244-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-105S

Quant Time: Aug 25 07:54:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081522W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 16 00:45:21 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

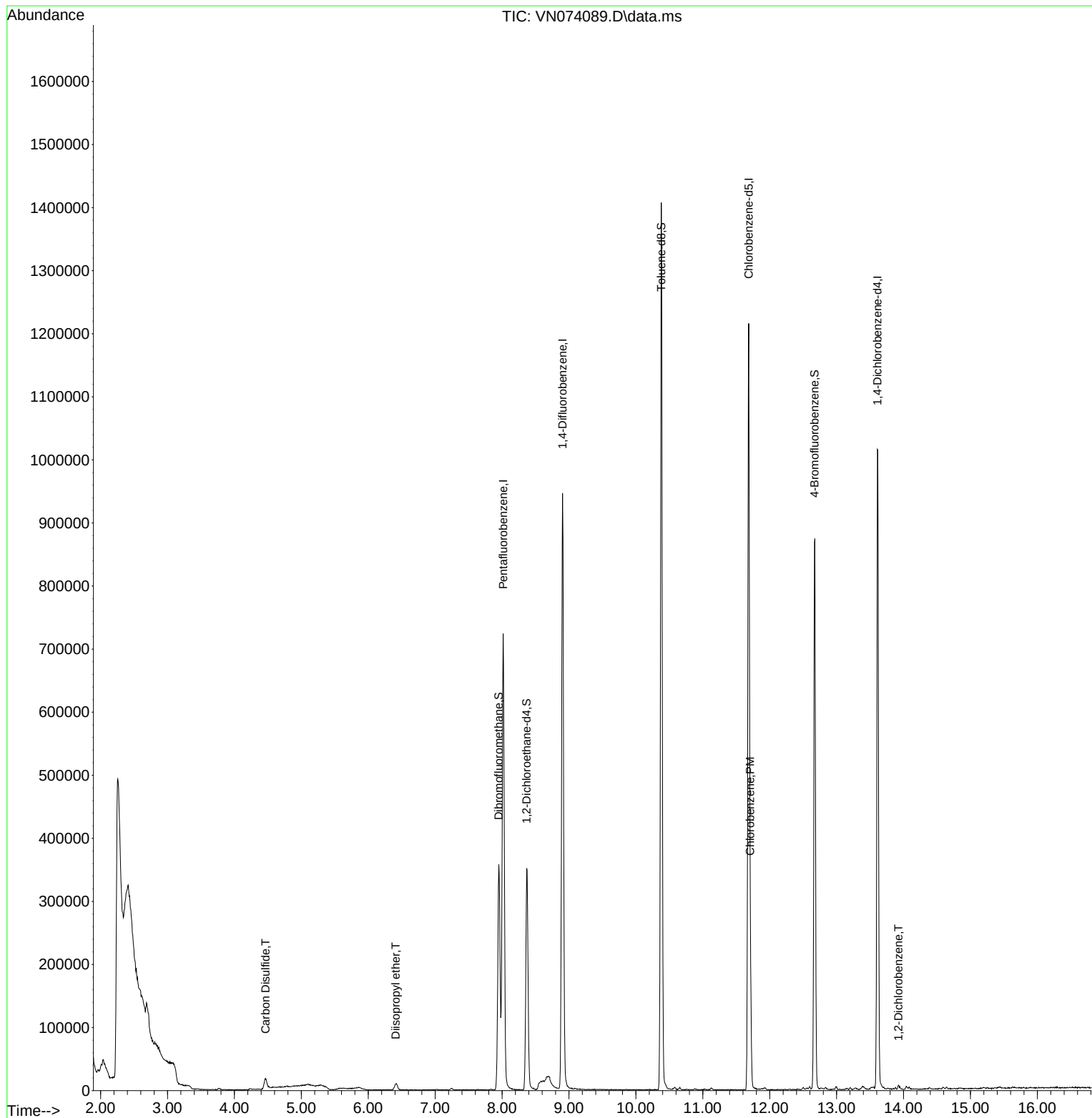
Internal Standards						
1) Pentafluorobenzene	8.016	168	590728	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	891780	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	722652	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	302143	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	296733	51.573	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 103.140%	
35) Dibromofluoromethane	7.951	113	265461	50.335	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.660%	
50) Toluene-d8	10.380	98	987393	48.342	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 96.680%	
62) 4-Bromofluorobenzene	12.668	95	301486	44.475	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 88.940%	
Target Compounds						
						Qvalue
17) Carbon Disulfide	4.463	76	45741	4.126	ug/l	# 94
22) Diisopropyl ether	6.410	45	12698	0.867	ug/l	98
65) Chlorobenzene	11.710	112	111875	7.284	ug/l	99
91) 1,2-Dichlorobenzene	13.921	146	3153	0.296	ug/l	94

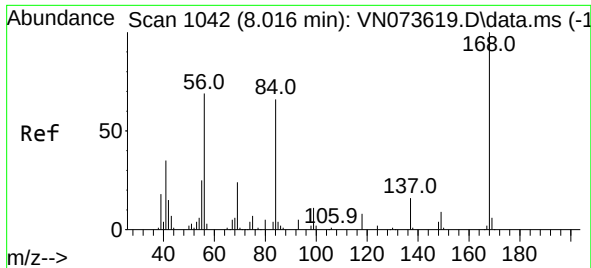
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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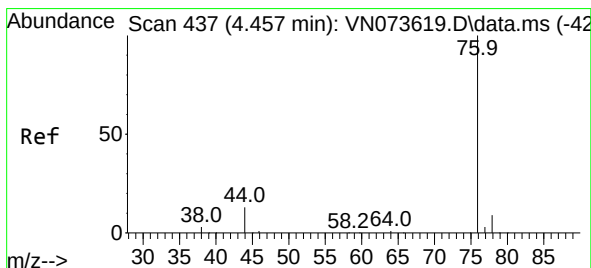
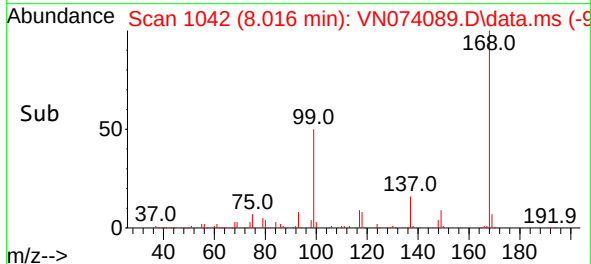
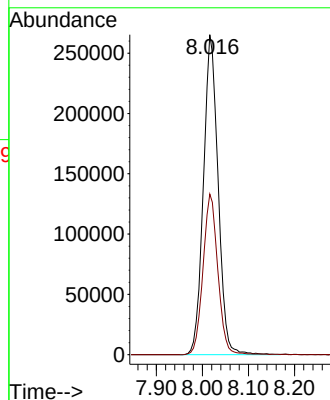
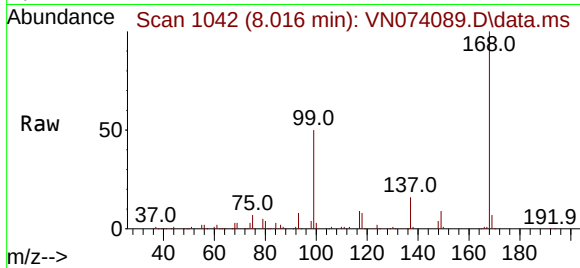




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN074089.D
Acq: 24 Aug 2022 14:12

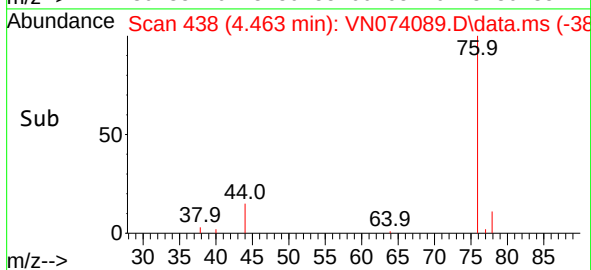
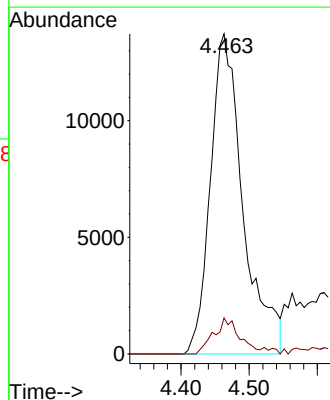
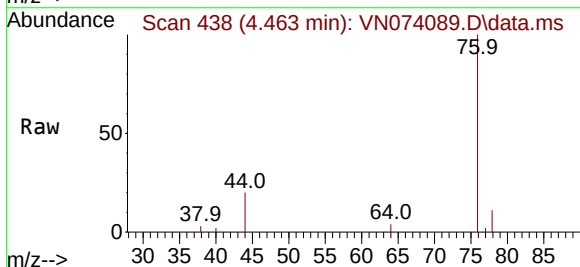
Instrument :
MSVOA_N
ClientSampleId :
MW-105S

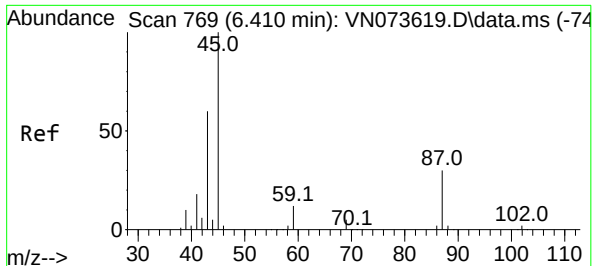
Tgt Ion:168 Resp: 590728
Ion Ratio Lower Upper
168 100
99 50.2 42.3 63.5



#17
Carbon Disulfide
Concen: 4.126 ug/l
RT: 4.463 min Scan# 438
Delta R.T. 0.006 min
Lab File: VN074089.D
Acq: 24 Aug 2022 14:12

Tgt Ion: 76 Resp: 45741
Ion Ratio Lower Upper
76 100
78 11.3 7.2 10.8#

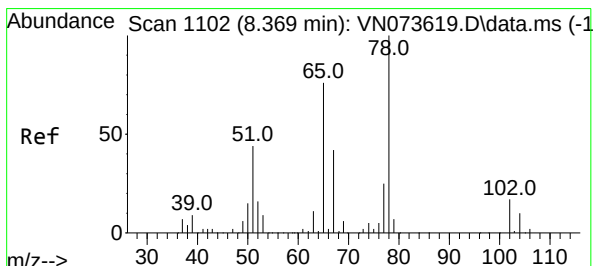
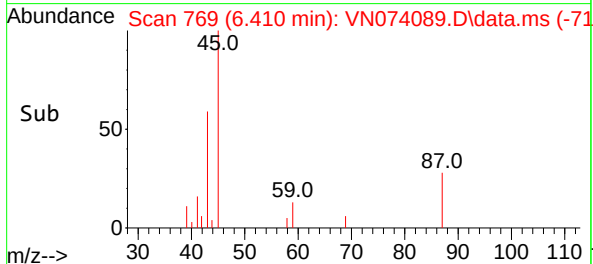
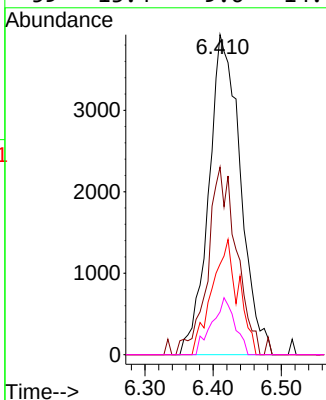
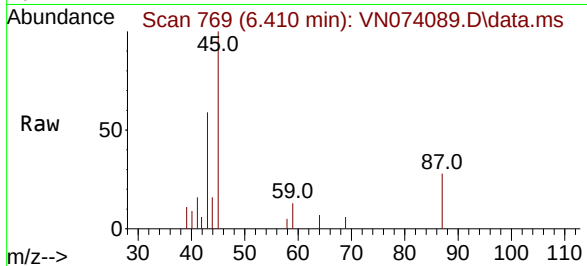




#22
Diisopropyl ether
Concen: 0.867 ug/l
RT: 6.410 min Scan# 769
Delta R.T. -0.000 min
Lab File: VN074089.D
Acq: 24 Aug 2022 14:12

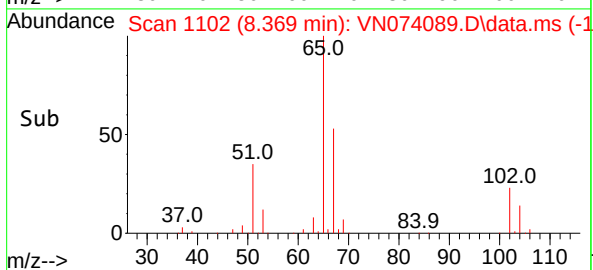
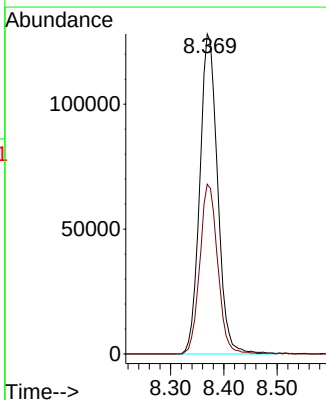
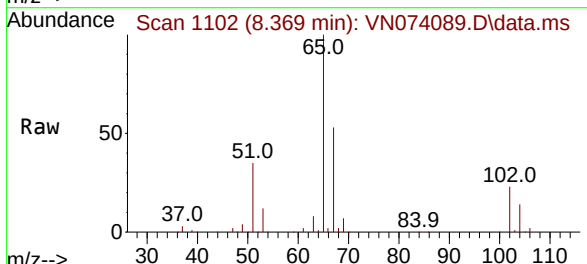
Instrument :
MSVOA_N
ClientSampleId :
MW-105S

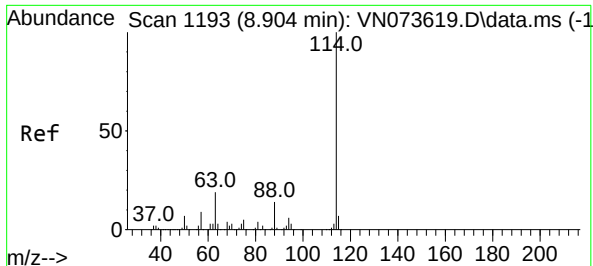
Tgt Ion: 45	Resp: 12698
Ion Ratio	Lower Upper
45 100	
43 58.6	46.6 70.0
87 28.3	24.3 36.5
59 13.4	9.6 14.4



#33
1,2-Dichloroethane-d4
Concen: 51.573 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN074089.D
Acq: 24 Aug 2022 14:12

Tgt Ion: 65	Resp: 296733
Ion Ratio	Lower Upper
65 100	
67 53.3	0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. -0.000 min

Lab File: VN074089.D

Acq: 24 Aug 2022 14:12

Instrument :

MSVOA_N

ClientSampleId :

MW-105S

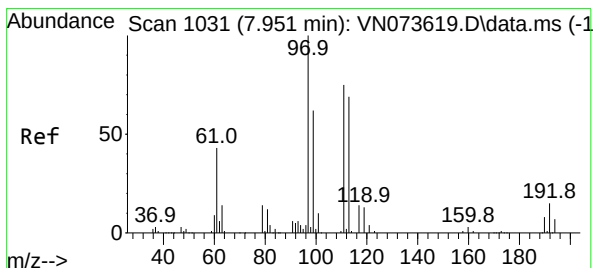
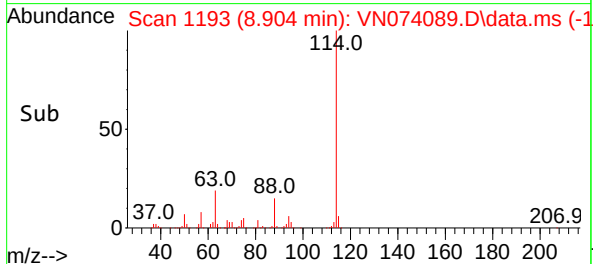
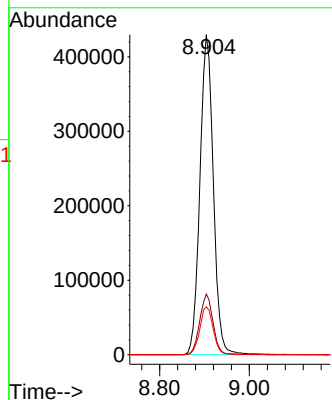
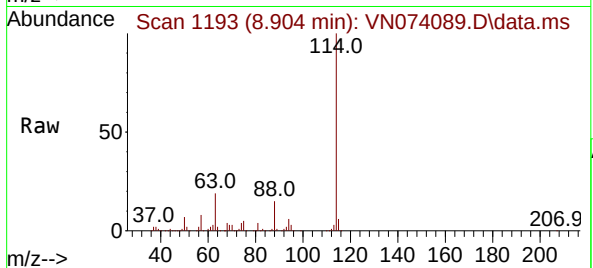
Tgt Ion:114 Resp: 891780

Ion Ratio Lower Upper

114 100

63 18.9 0.0 40.0

88 15.0 0.0 32.6



#35

Dibromofluoromethane

Concen: 50.335 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN074089.D

Acq: 24 Aug 2022 14:12

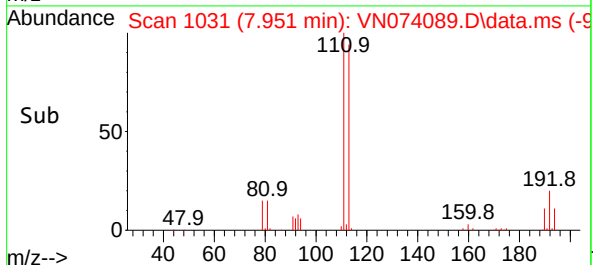
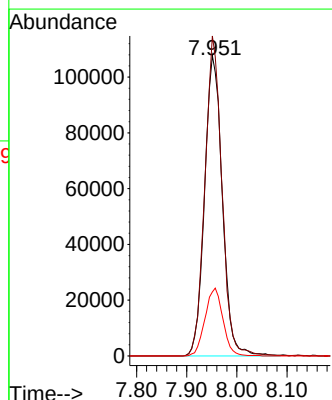
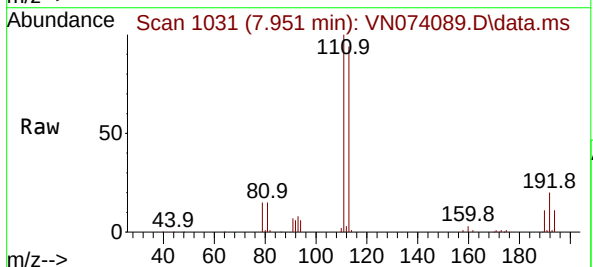
Tgt Ion:113 Resp: 265461

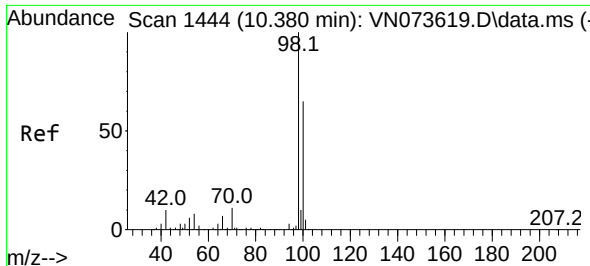
Ion Ratio Lower Upper

113 100

111 102.3 81.4 122.0

192 22.7 17.0 25.6

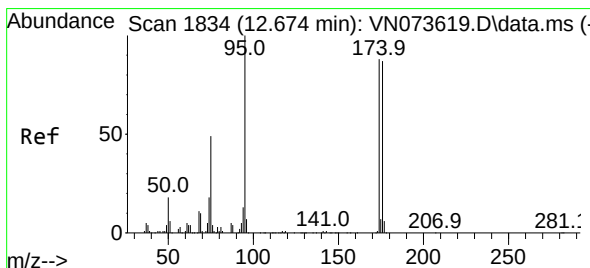
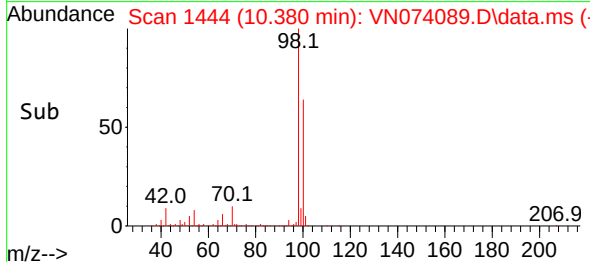
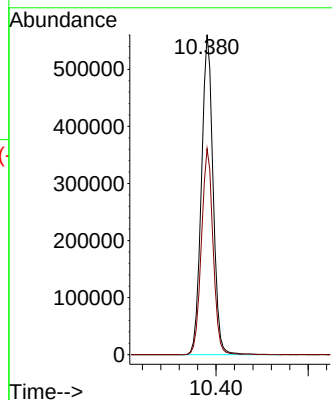
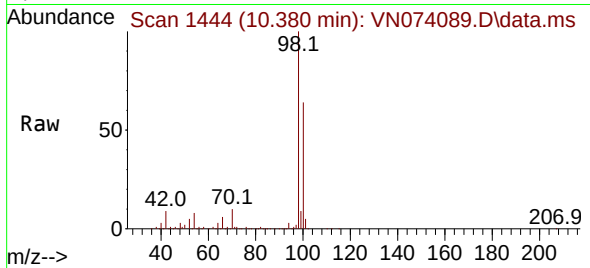




#50
Toluene-d8
Concen: 48.342 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN074089.D
Acq: 24 Aug 2022 14:12

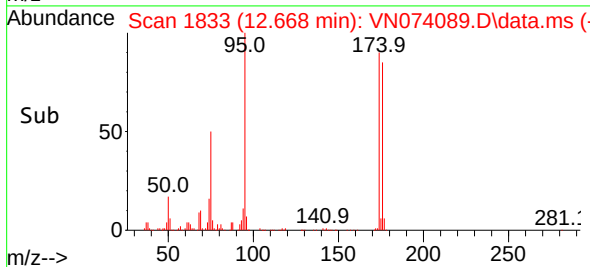
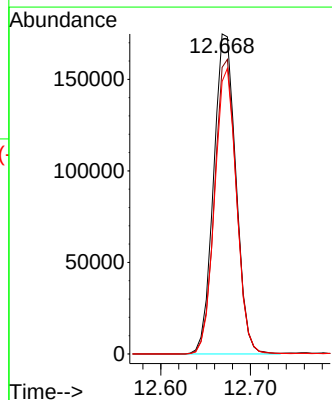
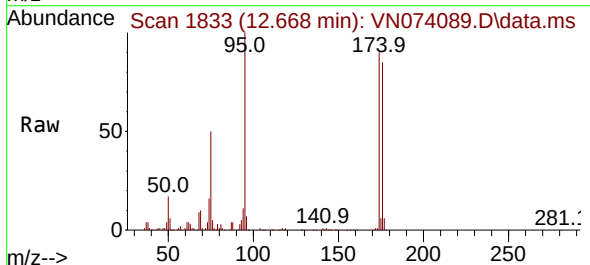
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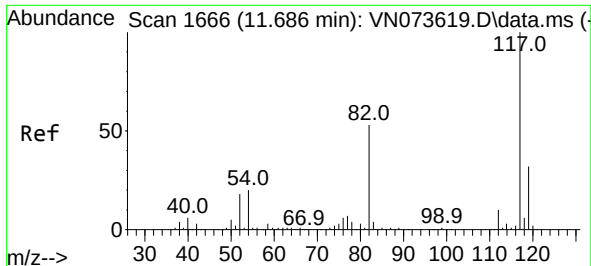
Tgt Ion: 98 Resp: 987393
Ion Ratio Lower Upper
98 100
100 64.3 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 44.475 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN074089.D
Acq: 24 Aug 2022 14:12

Tgt Ion: 95 Resp: 301486
Ion Ratio Lower Upper
95 100
174 90.3 0.0 167.6
176 87.2 0.0 163.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.686 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN074089.D

Acq: 24 Aug 2022 14:12

Instrument :

MSVOA_N

ClientSampleId :

MW-105S

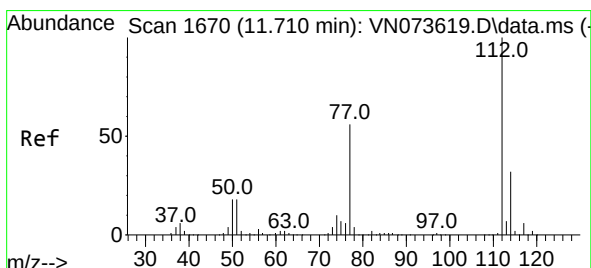
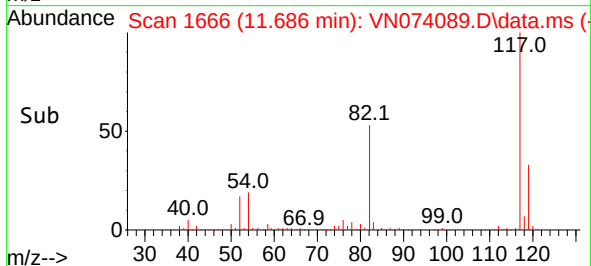
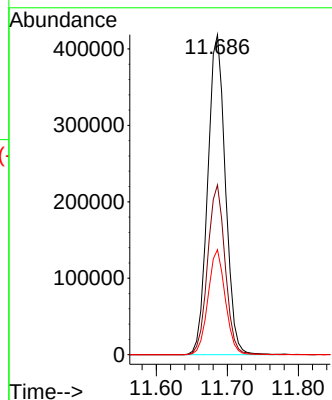
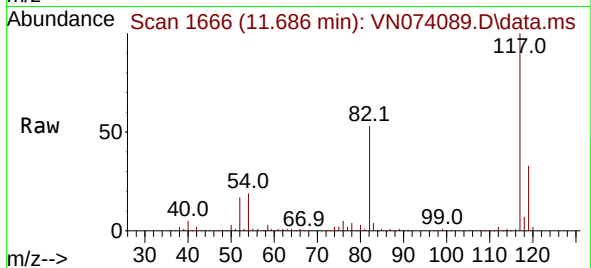
Tgt Ion:117 Resp: 722652

Ion Ratio Lower Upper

117 100

82 53.0 44.2 66.2

119 32.8 25.4 38.0



#65

Chlorobenzene

Concen: 7.284 ug/l

RT: 11.710 min Scan# 1670

Delta R.T. -0.000 min

Lab File: VN074089.D

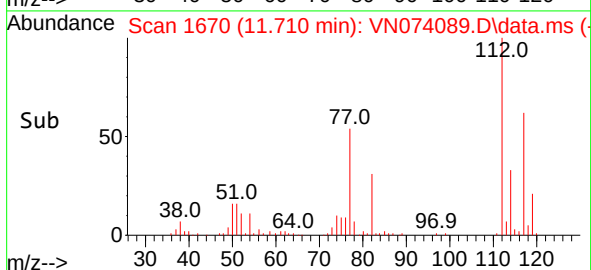
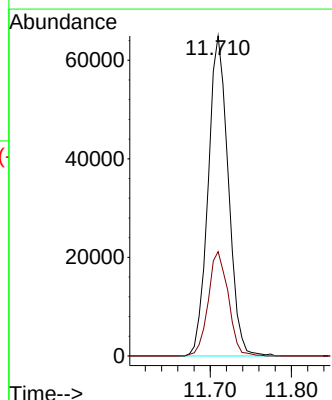
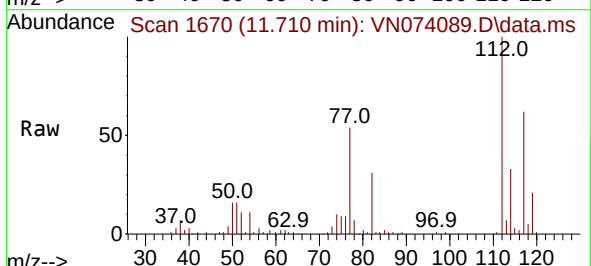
Acq: 24 Aug 2022 14:12

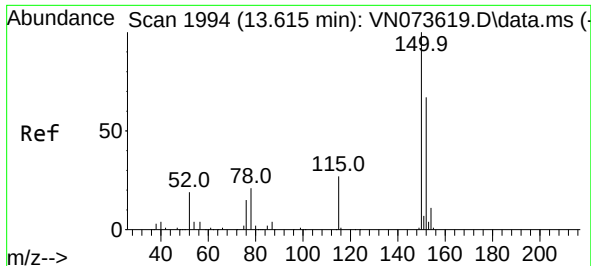
Tgt Ion:112 Resp: 111875

Ion Ratio Lower Upper

112 100

114 32.6 25.4 38.2

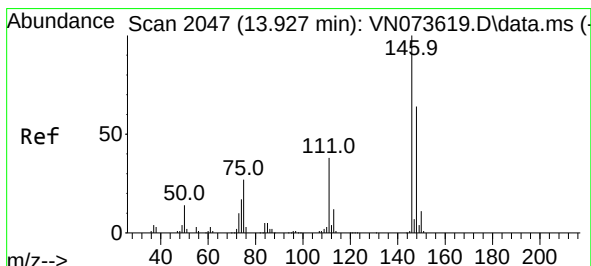
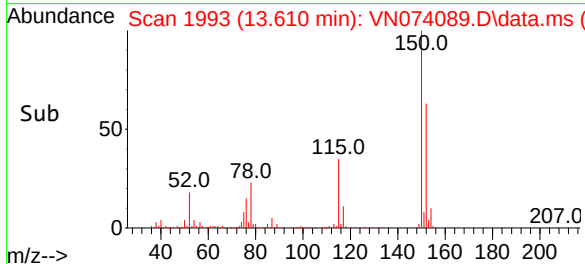
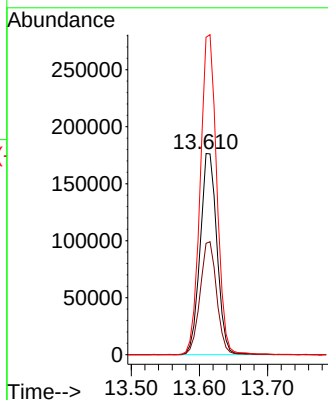
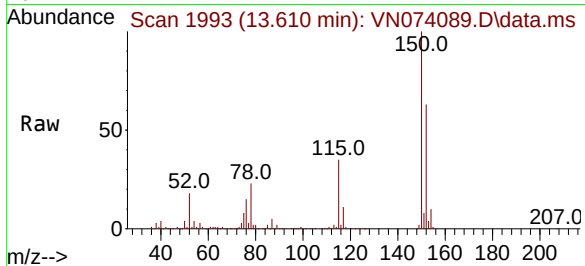




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.610 min Scan# 1994
Delta R.T. -0.005 min
Lab File: VN074089.D
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ClientSampleId :
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Tgt Ion:152 Resp: 302143
Ion Ratio Lower Upper
152 100
115 55.8 28.9 86.7
150 156.7 0.0 356.2



#91
1,2-Dichlorobenzene
Concen: 0.296 ug/l
RT: 13.921 min Scan# 2046
Delta R.T. -0.006 min
Lab File: VN074089.D
Acq: 24 Aug 2022 14:12

Tgt Ion:146 Resp: 3153
Ion Ratio Lower Upper
146 100
111 41.3 20.9 62.8
148 57.2 32.1 96.3

