

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081822\
 Data File : VN074001.D
 Acq On : 18 Aug 2022 13:45
 Operator : JC\MD
 Sample : N4204-26DL 100X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-14DL

Quant Time: Aug 18 23:52:33 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)

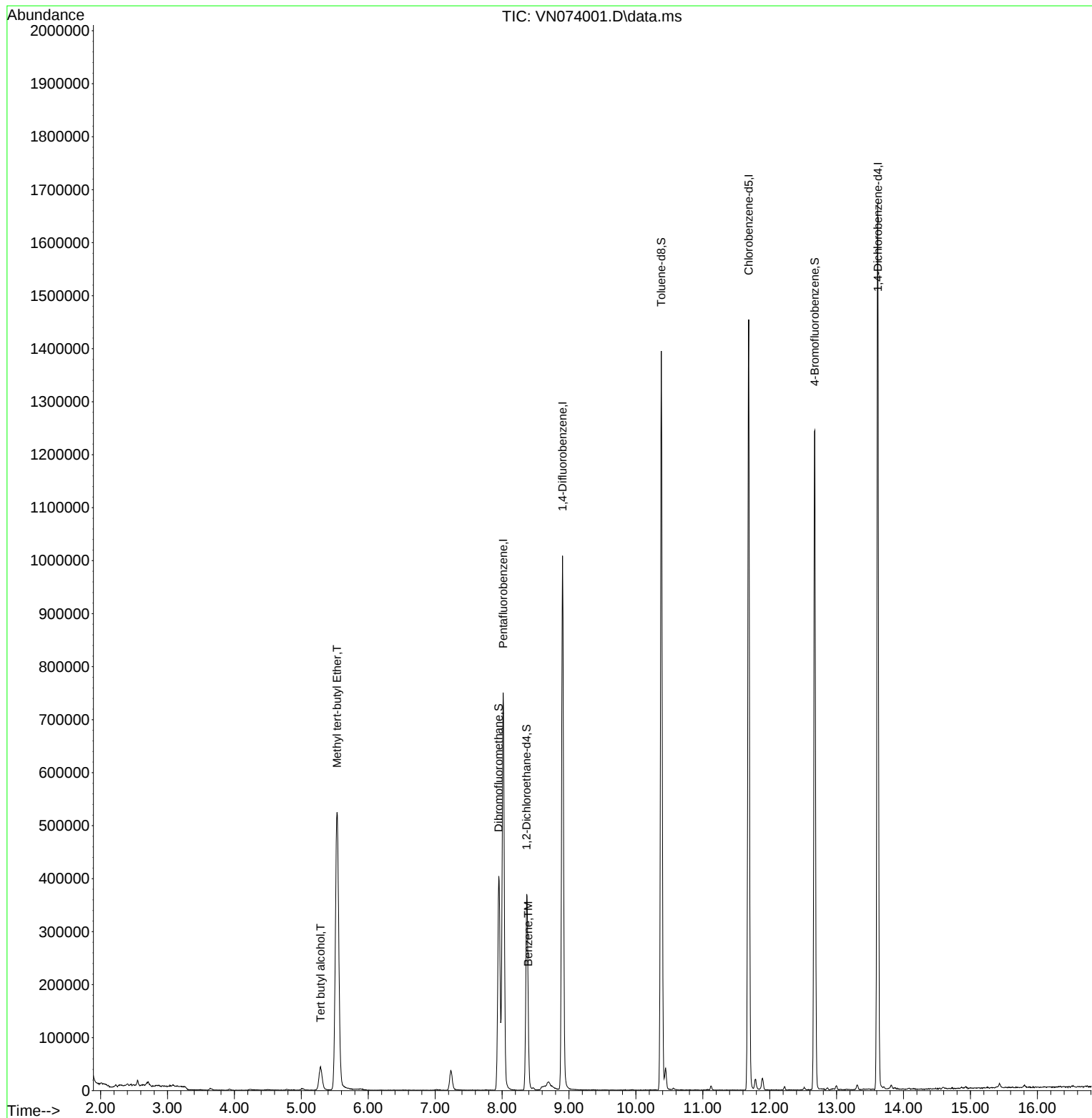
Internal Standards						
1) Pentafluorobenzene	8.016	168	640729	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	938627	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	902324	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	492708	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	309389	49.576	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.160%
35) Dibromofluoromethane	7.951	113	299726	53.996	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	108.000%
50) Toluene-d8	10.380	98	989764	46.039	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	92.080%
62) 4-Bromofluorobenzene	12.674	95	425198	59.594	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	119.180%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.287	59	80111	57.389	ug/l	99
19) Methyl tert-butyl Ether	5.534	73	952046	52.274	ug/l	97
40) Benzene	8.392	78	13235	0.544	ug/l #	86

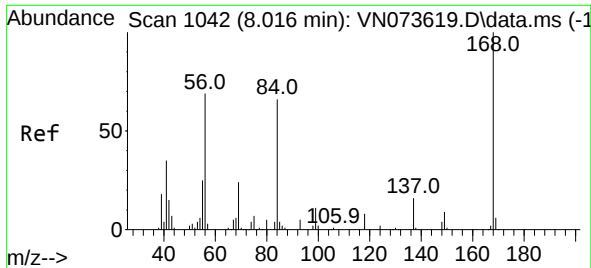
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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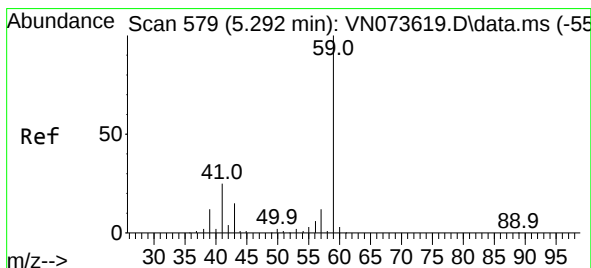
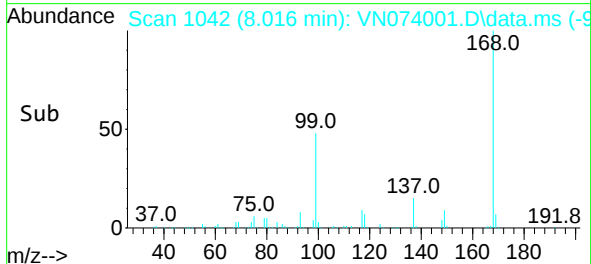
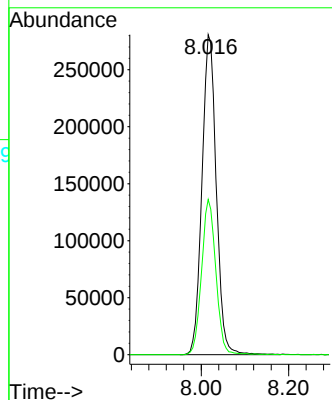
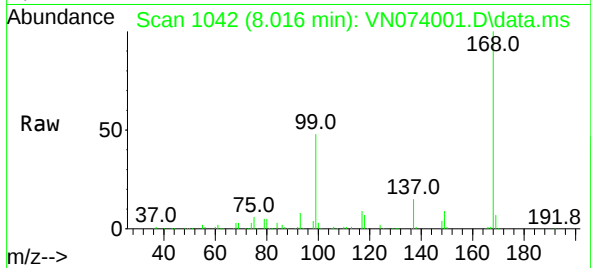




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN074001.D
Acq: 18 Aug 2022 13:45

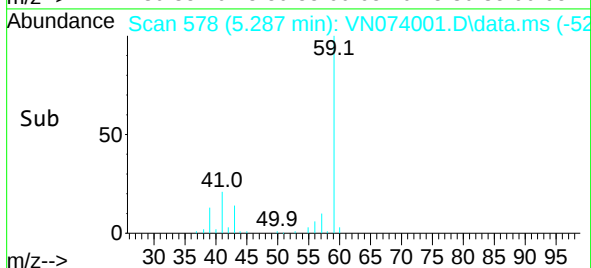
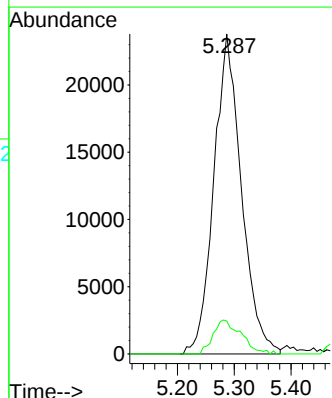
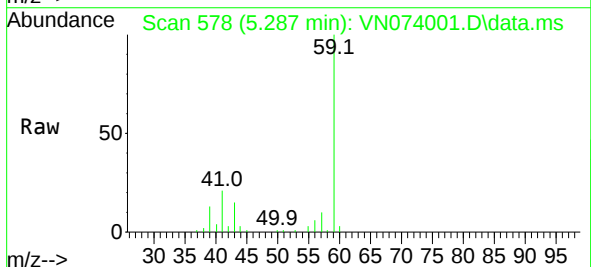
Instrument :
MSVOA_N
ClientSampleId :
MW-14DL

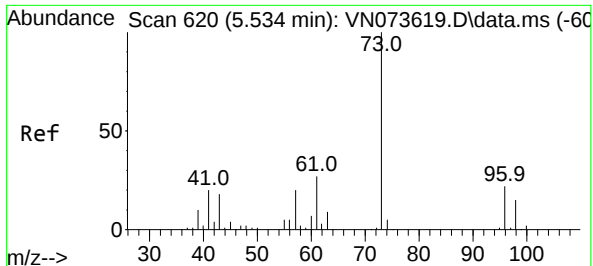
Tgt Ion:168 Resp: 640729
Ion Ratio Lower Upper
168 100
99 48.5 42.3 63.5



#11
Tert butyl alcohol
Concen: 57.389 ug/l
RT: 5.287 min Scan# 578
Delta R.T. -0.005 min
Lab File: VN074001.D
Acq: 18 Aug 2022 13:45

Tgt Ion: 59 Resp: 80111
Ion Ratio Lower Upper
59 100
57 10.8 8.3 12.5

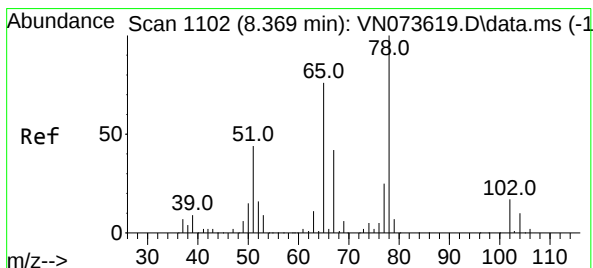
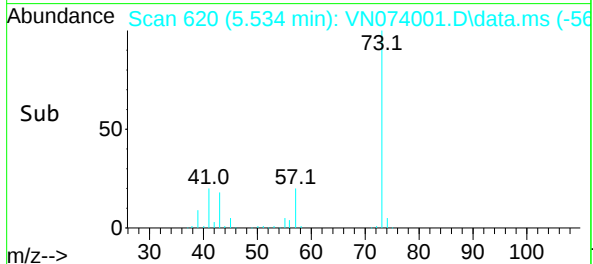
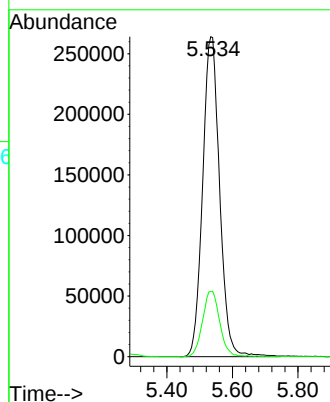
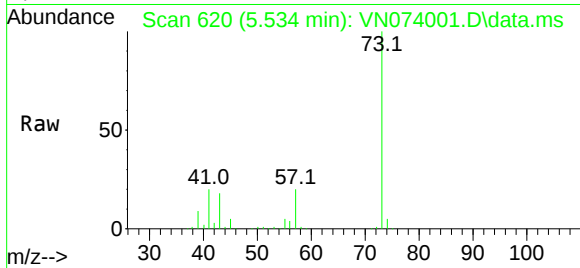




#19
Methyl tert-butyl Ether
Concen: 52.274 ug/l
RT: 5.534 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN074001.D
Acq: 18 Aug 2022 13:45

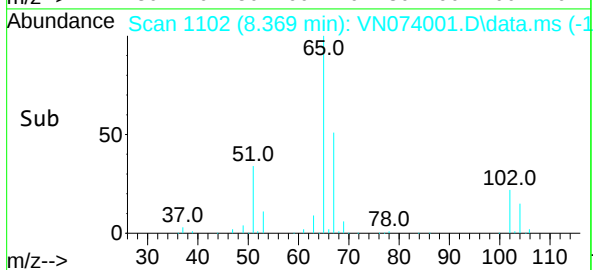
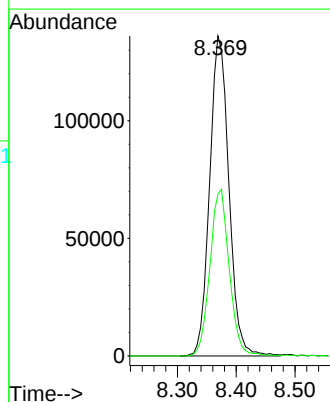
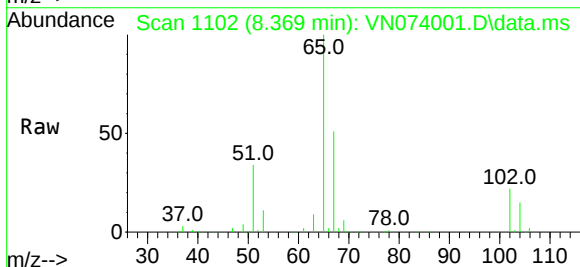
Instrument :
MSVOA_N
ClientSampleId :
MW-14DL

Tgt Ion: 73 Resp: 952046
Ion Ratio Lower Upper
73 100
57 20.4 17.6 26.4



#33
1,2-Dichloroethane-d4
Concen: 49.576 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN074001.D
Acq: 18 Aug 2022 13:45

Tgt Ion: 65 Resp: 309389
Ion Ratio Lower Upper
65 100
67 52.3 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: VN074001.D

Acq: 18 Aug 2022 13:45

Instrument :

MSVOA_N

ClientSampleId :

MW-14DL

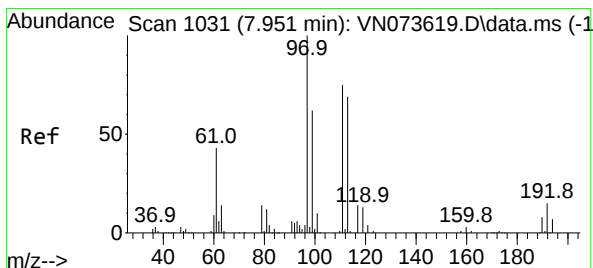
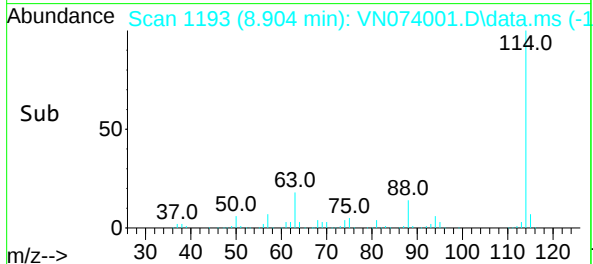
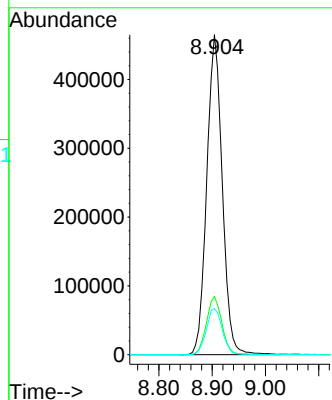
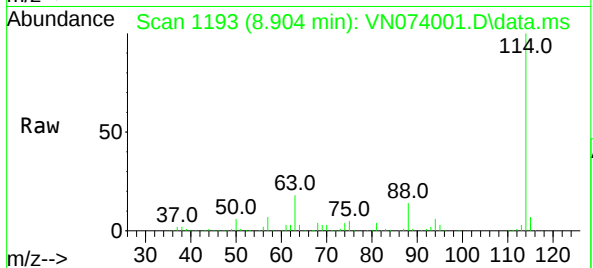
Tgt Ion:114 Resp: 938627

Ion Ratio Lower Upper

114 100

63 18.1 0.0 40.0

88 14.4 0.0 32.6



#35

Dibromofluoromethane

Concen: 53.996 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN074001.D

Acq: 18 Aug 2022 13:45

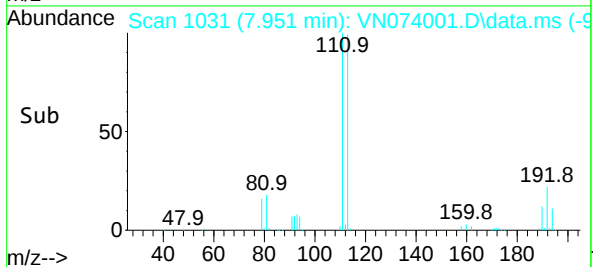
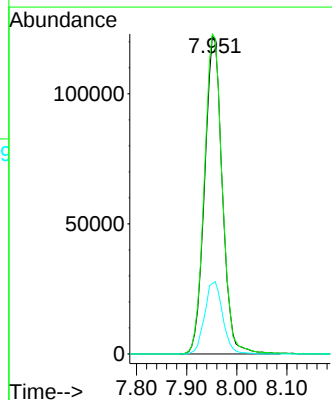
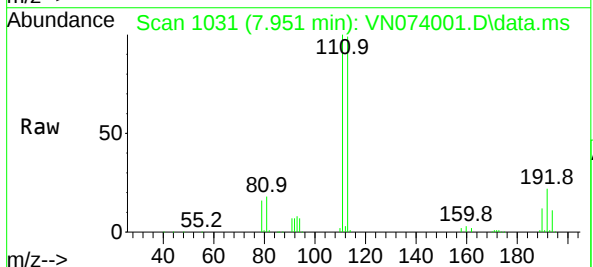
Tgt Ion:113 Resp: 299726

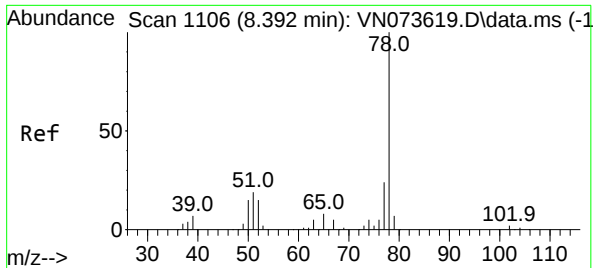
Ion Ratio Lower Upper

113 100

111 102.5 81.4 122.0

192 23.2 17.0 25.6

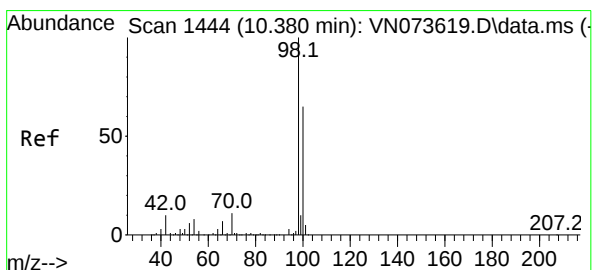
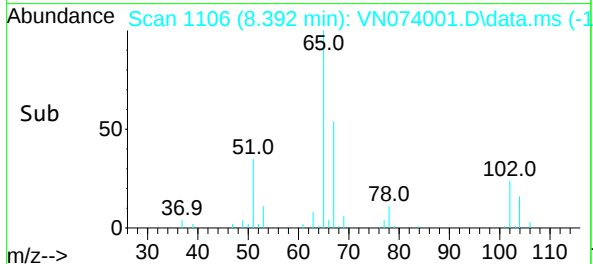
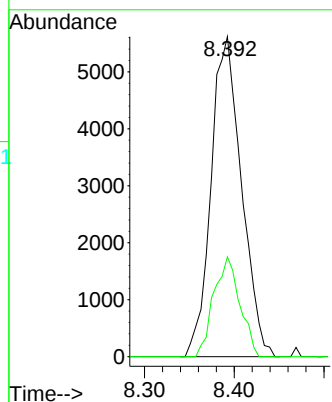
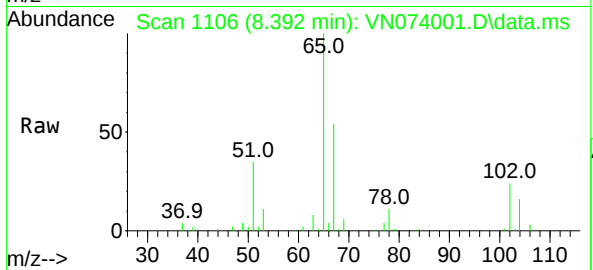




#40
Benzene
Concen: 0.544 ug/l
RT: 8.392 min Scan# 1106
Delta R.T. 0.000 min
Lab File: VN074001.D
Acq: 18 Aug 2022 13:45

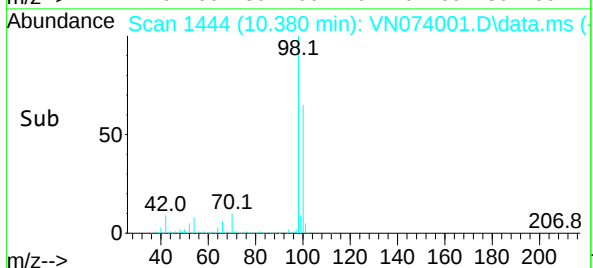
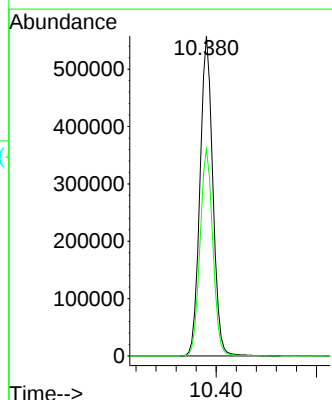
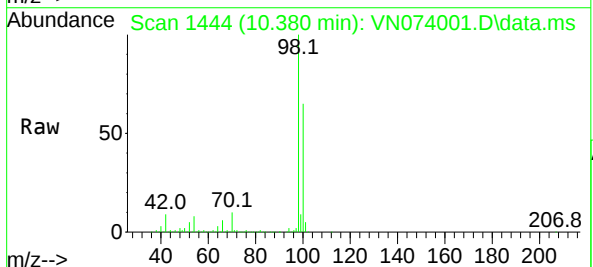
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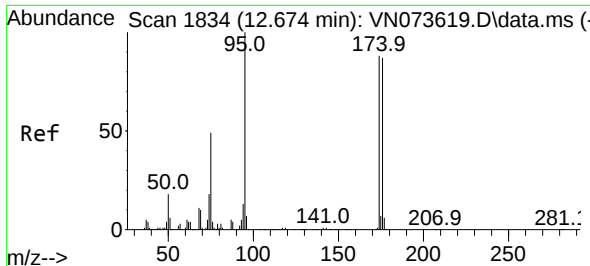
Tgt Ion: 78 Resp: 13235
Ion Ratio Lower Upper
78 100
77 31.2 19.4 29.0#



#50
Toluene-d8
Concen: 46.039 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN074001.D
Acq: 18 Aug 2022 13:45

Tgt Ion: 98 Resp: 989764
Ion Ratio Lower Upper
98 100
100 64.8 52.6 78.8

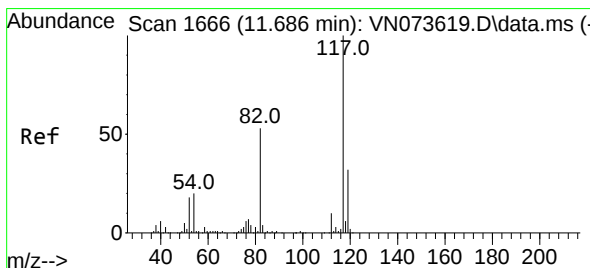
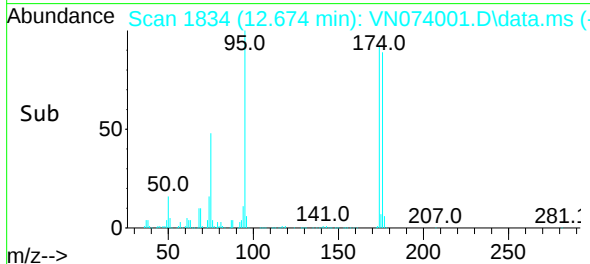
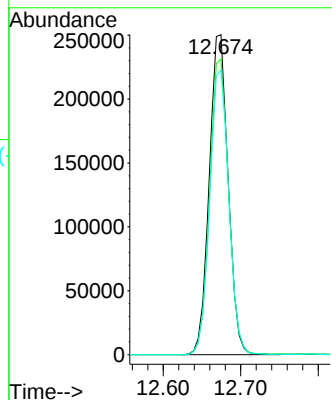
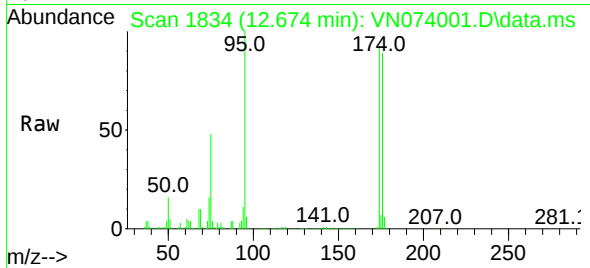




#62
4-Bromofluorobenzene
Concen: 59.594 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN074001.D
Acq: 18 Aug 2022 13:45

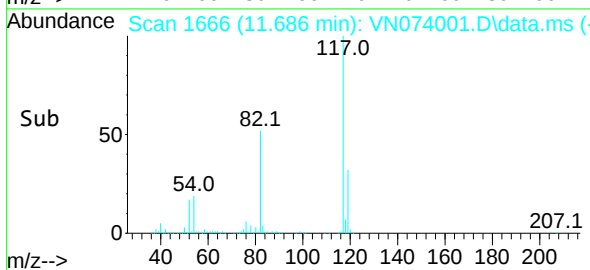
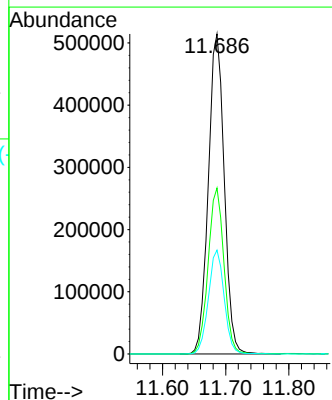
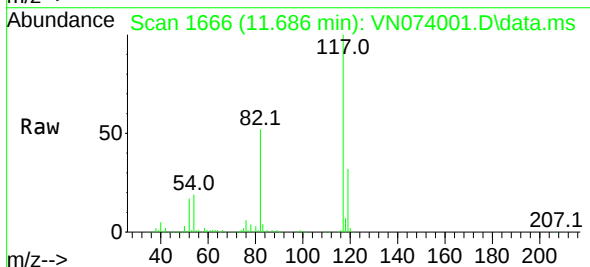
Instrument :
MSVOA_N
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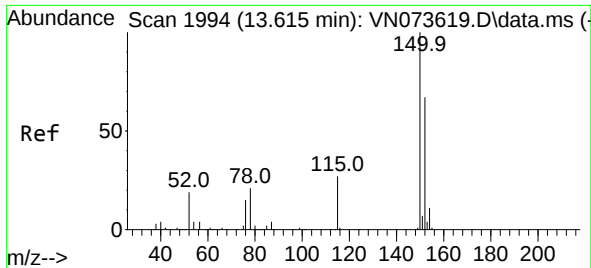
Tgt Ion: 95 Resp: 425198
Ion Ratio Lower Upper
95 100
174 92.6 0.0 167.6
176 89.4 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN074001.D
Acq: 18 Aug 2022 13:45

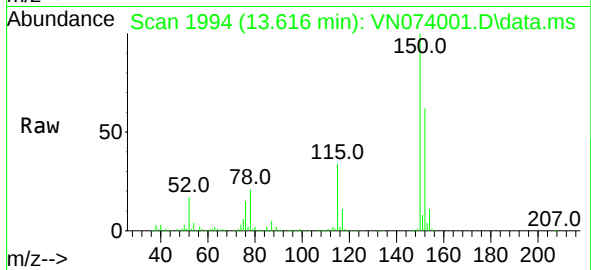
Tgt Ion: 117 Resp: 902324
Ion Ratio Lower Upper
117 100
82 51.8 44.2 66.2
119 32.4 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.616 min Scan# 1994
 Delta R.T. 0.001 min
 Lab File: VN074001.D
 Acq: 18 Aug 2022 13:45

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-14DL



Tgt Ion:152 Resp: 492708
 Ion Ratio Lower Upper
 152 100
 115 54.2 28.9 86.7
 150 157.8 0.0 356.2

