

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082422\
 Data File : VN074087.D
 Acq On : 24 Aug 2022 13:22
 Operator : JC\MD
 Sample : N4244-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-105D

Quant Time: Aug 25 07:53:47 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)

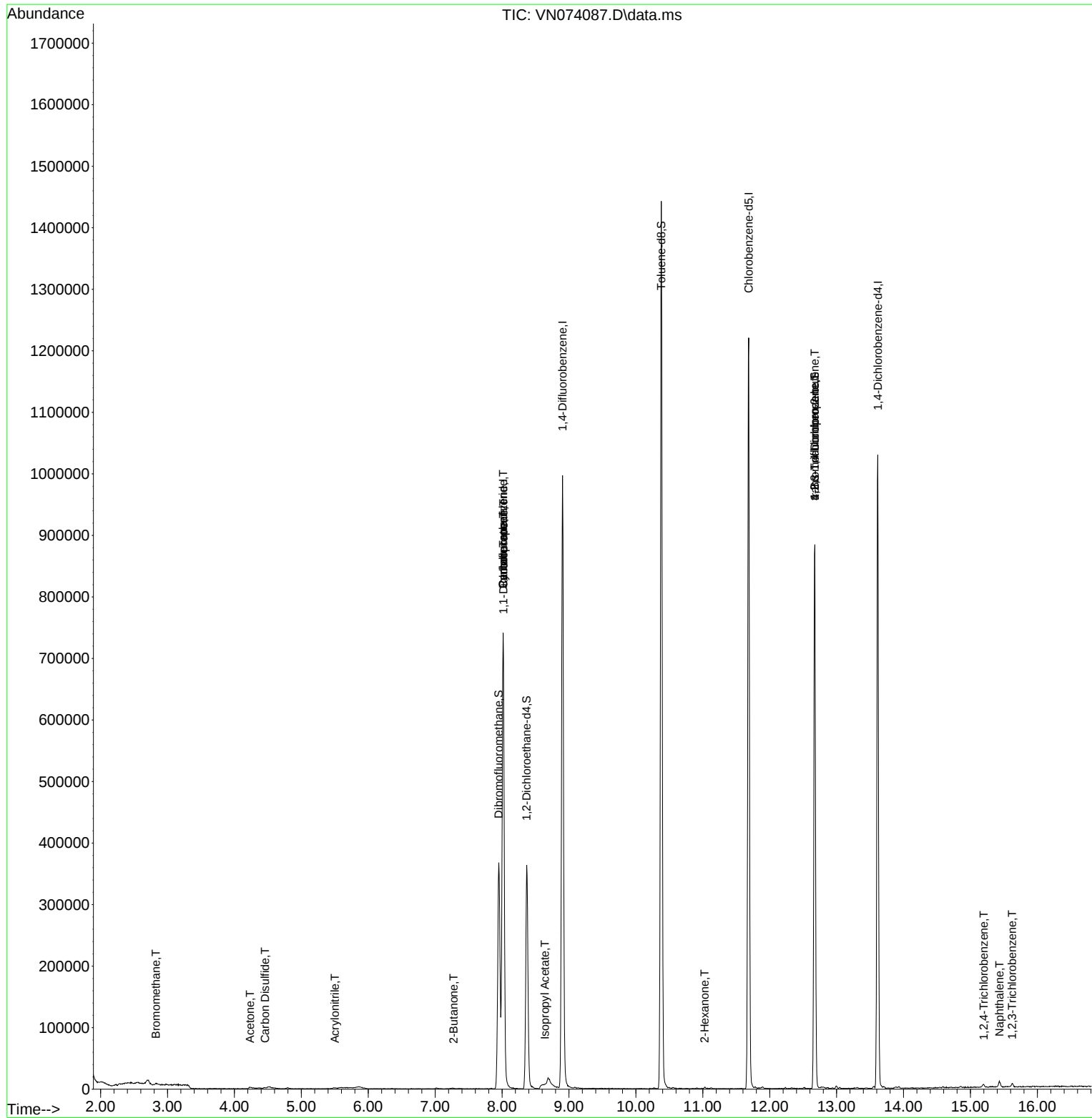
Internal Standards						
1) Pentafluorobenzene	8.016	168	620526	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	924666	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	757492	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	300417	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	302886	50.114	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 100.220%	
35) Dibromofluoromethane	7.951	113	275897	50.453	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.900%	
50) Toluene-d8	10.380	98	1022661	48.288	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 96.580%	
62) 4-Bromofluorobenzene	12.674	95	303512	43.181	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 86.360%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.828	94	2138	0.487	ug/l	98
15) Acrylonitrile	5.504	53	1034	0.313	ug/l #	21
16) Acetone	4.234	43	4600	1.613	ug/l	97
17) Carbon Disulfide	4.457	76	2880	0.247	ug/l #	75
18) Methyl Acetate	4.798	43	3204	Below Cal	#	64
25) 2-Butanone	7.275	43	1469	0.325	ug/l #	78
31) Cyclohexane	8.016	56	9727	1.154	ug/l #	1
36) 1,1-Dichloropropene	8.022	75	40106	5.280	ug/l #	48
38) Carbon Tetrachloride	8.016	117	54824	6.315	ug/l #	17
43) Isopropyl Acetate	8.639	43	12032	0.918	ug/l #	53
59) 2-Hexanone	11.027	43	1716	0.252	ug/l	89
76) 1,2,3-Trichloropropane	12.674	75	148022	23.706	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.674	75	148022	67.424	ug/l #	11
93) 1,2,4-Trichlorobenzene	15.198	180	2201	0.341	ug/l	96
95) Naphthalene	15.433	128	10007	0.476	ug/l	97
96) 1,2,3-Trichlorobenzene	15.621	180	2671	0.400	ug/l #	89

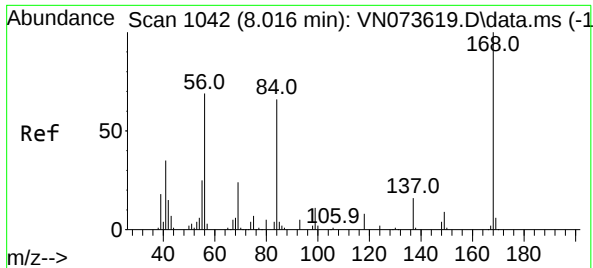
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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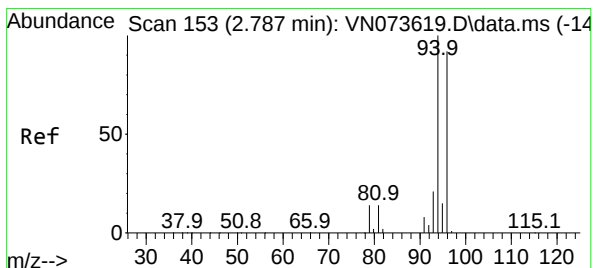
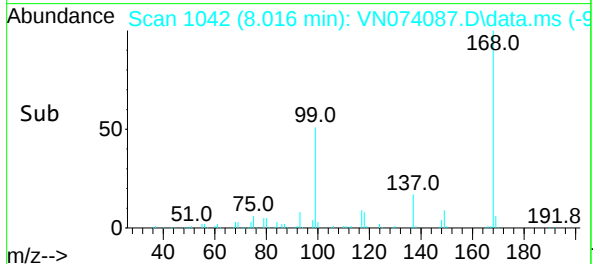
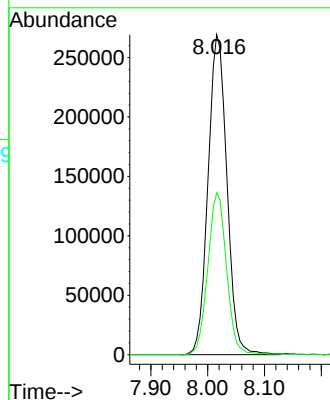
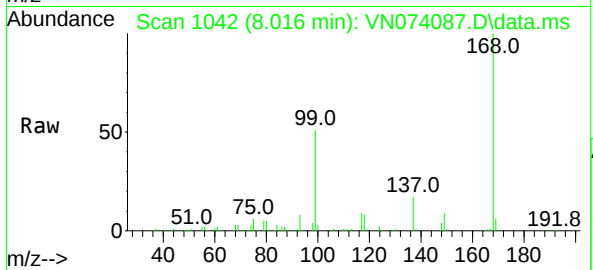




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN074087.D
Acq: 24 Aug 2022 13:22

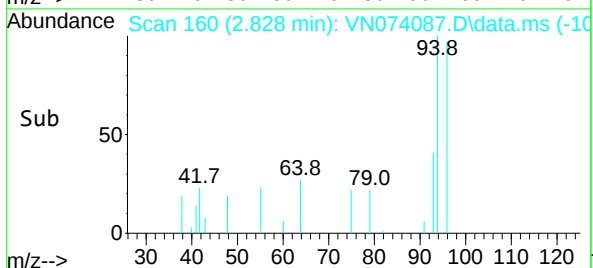
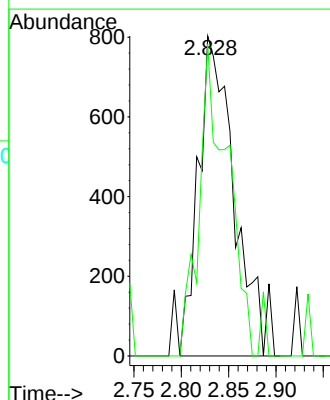
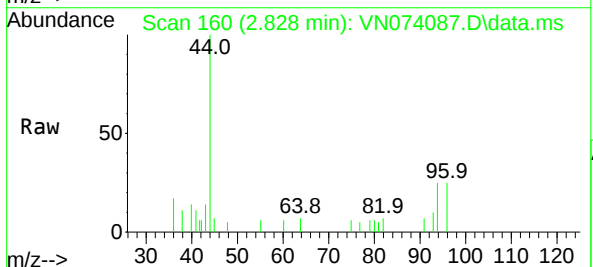
Instrument :
MSVOA_N
ClientSampleId :
MW-105D

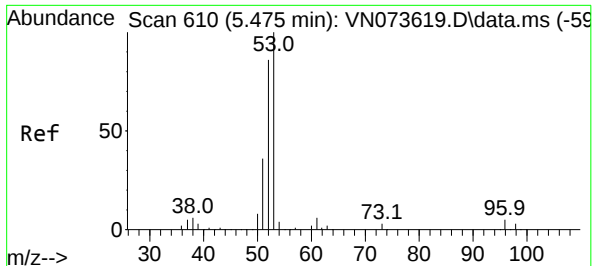
Tgt Ion:168 Resp: 620526
Ion Ratio Lower Upper
168 100
99 50.6 42.3 63.5



#5
Bromomethane
Concen: 0.487 ug/l
RT: 2.828 min Scan# 160
Delta R.T. 0.041 min
Lab File: VN074087.D
Acq: 24 Aug 2022 13:22

Tgt Ion: 94 Resp: 2138
Ion Ratio Lower Upper
94 100
96 97.4 76.0 114.0





#15

Acrylonitrile

Concen: 0.313 ug/l

RT: 5.504 min Scan# 610

Delta R.T. 0.029 min

Lab File: VN074087.D

Acq: 24 Aug 2022 13:22

Instrument :

MSVOA_N

ClientSampleId :

MW-105D

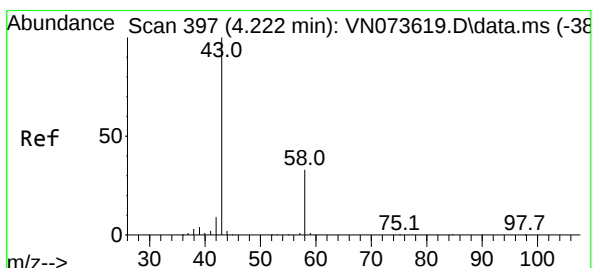
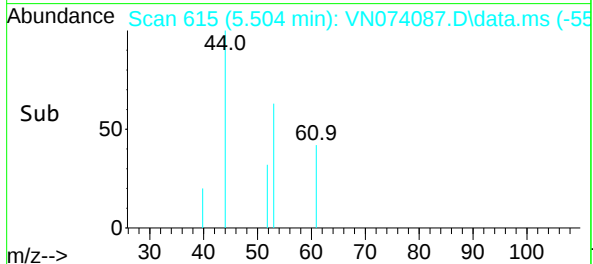
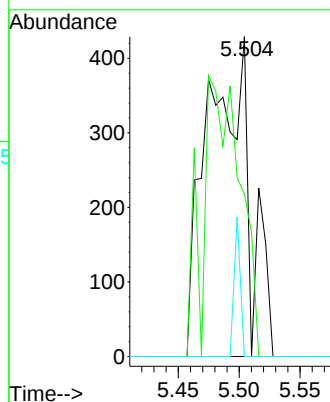
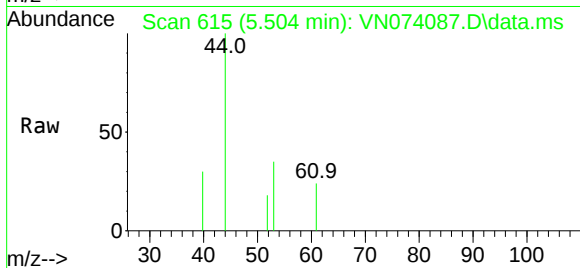
Tgt Ion: 53 Resp: 1034

Ion Ratio Lower Upper

53 100

52 0.0 66.4 99.6#

51 6.4 28.5 42.7#



#16

Acetone

Concen: 1.613 ug/l

RT: 4.234 min Scan# 399

Delta R.T. 0.012 min

Lab File: VN074087.D

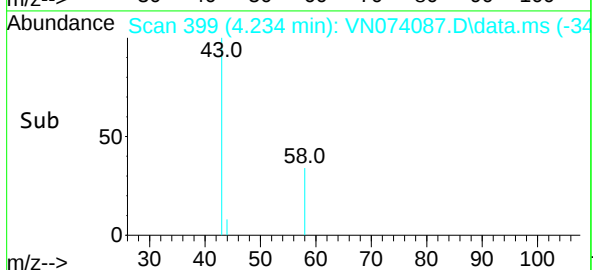
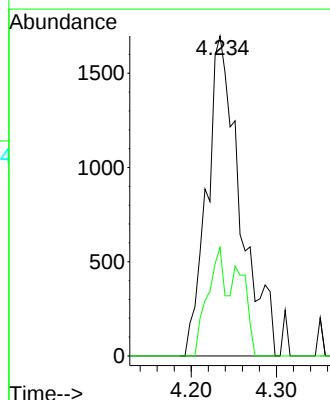
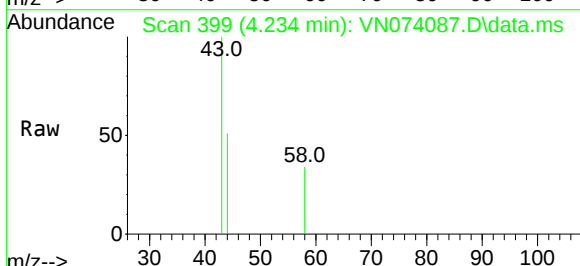
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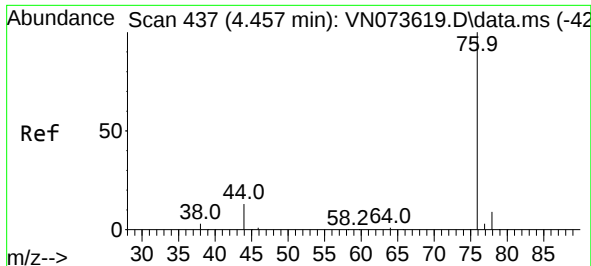
Tgt Ion: 43 Resp: 4600

Ion Ratio Lower Upper

43 100

58 33.9 26.0 39.0

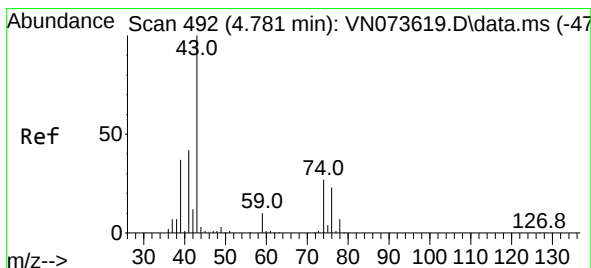
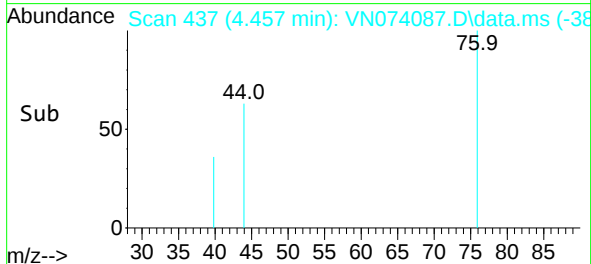
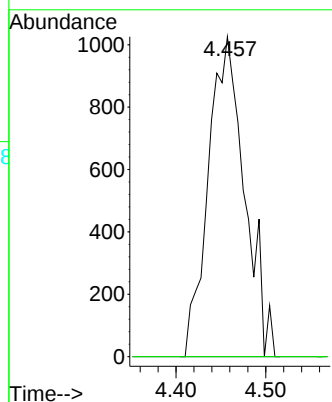
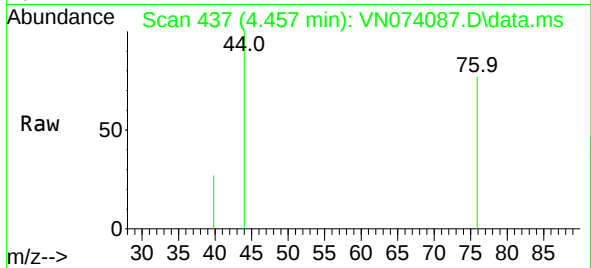




#17
Carbon Disulfide
Concen: 0.247 ug/l
RT: 4.457 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN074087.D
Acq: 24 Aug 2022 13:22

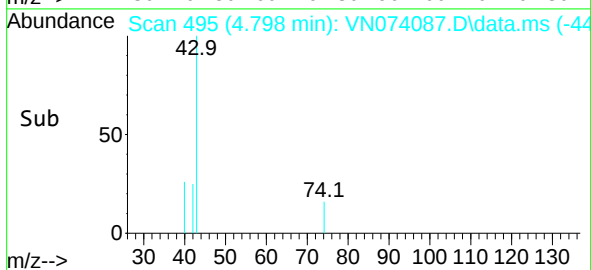
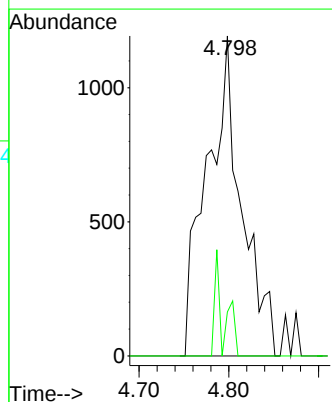
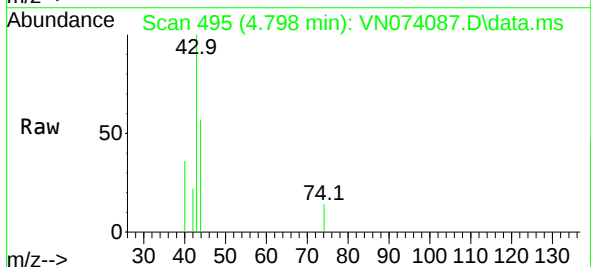
Instrument :
MSVOA_N
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MW-105D

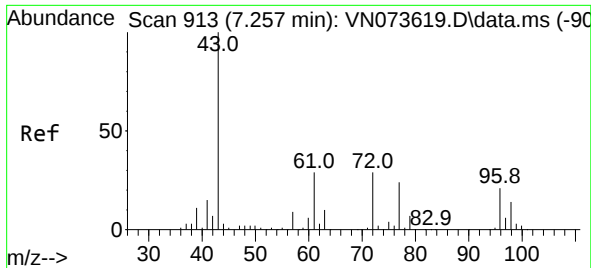
Tgt Ion: 76 Resp: 2880
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.798 min Scan# 495
Delta R.T. 0.017 min
Lab File: VN074087.D
Acq: 24 Aug 2022 13:22

Tgt Ion: 43 Resp: 3204
Ion Ratio Lower Upper
43 100
74 8.4 21.6 32.4#

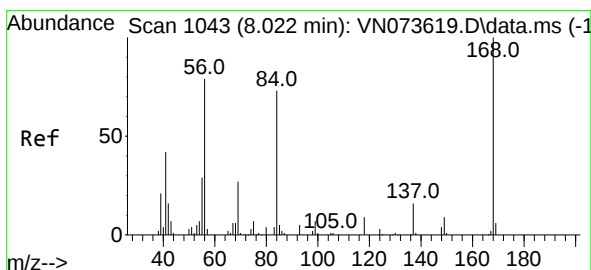
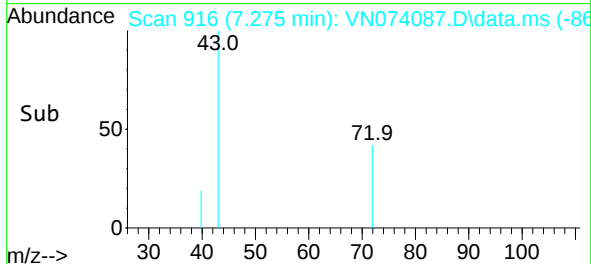
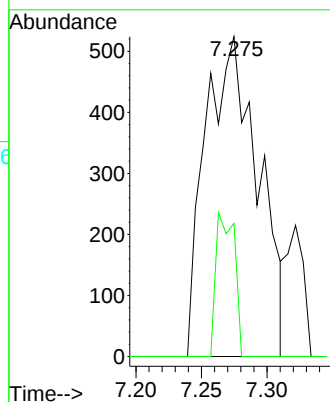
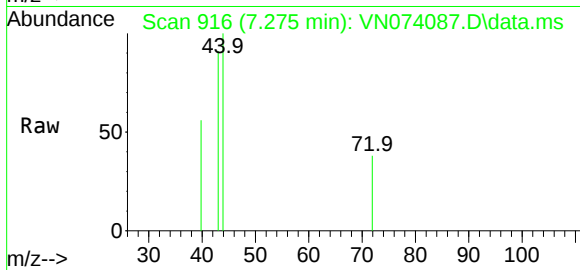




#25
2-Butanone
Concen: 0.325 ug/l
RT: 7.275 min Scan# 913
Delta R.T. 0.018 min
Lab File: VN074087.D
Acq: 24 Aug 2022 13:22

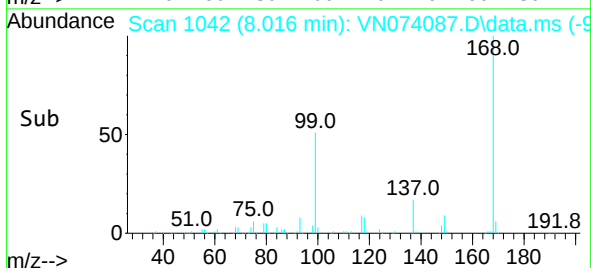
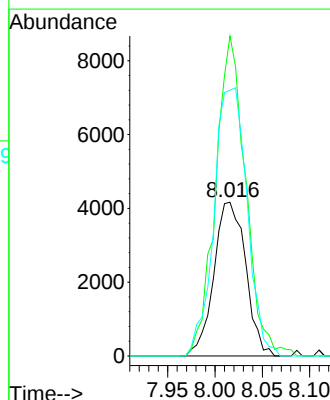
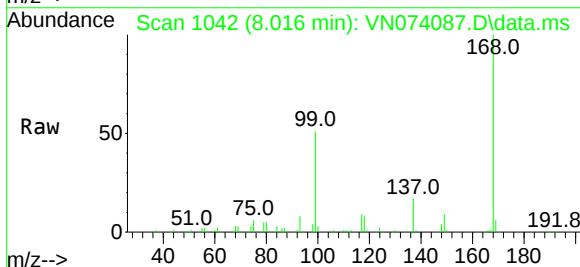
Instrument :
MSVOA_N
ClientSampleId :
MW-105D

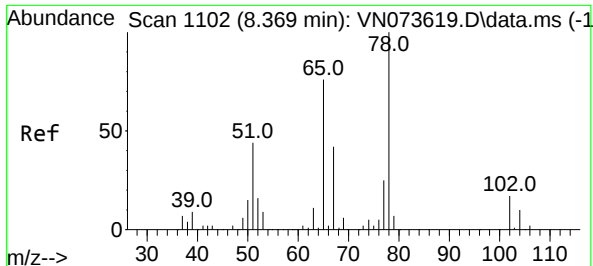
Tgt Ion: 43 Resp: 1469
Ion Ratio Lower Upper
43 100
72 41.6 23.7 35.5#



#31
Cyclohexane
Concen: 1.154 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.006 min
Lab File: VN074087.D
Acq: 24 Aug 2022 13:22

Tgt Ion: 56 Resp: 9727
Ion Ratio Lower Upper
56 100
69 208.1 27.8 41.8#
84 172.8 76.9 115.3#

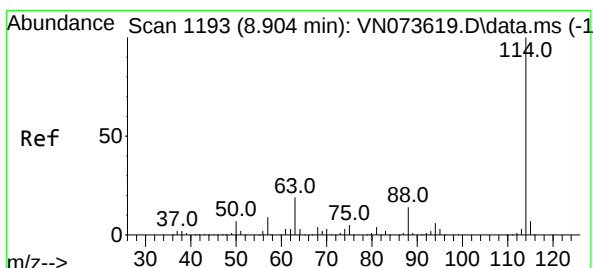
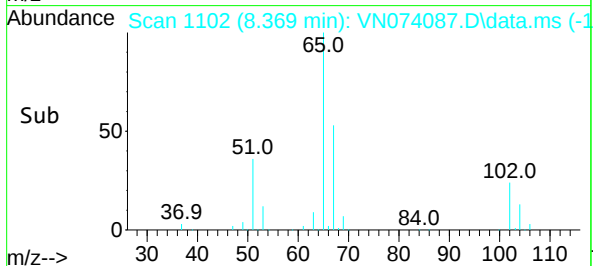
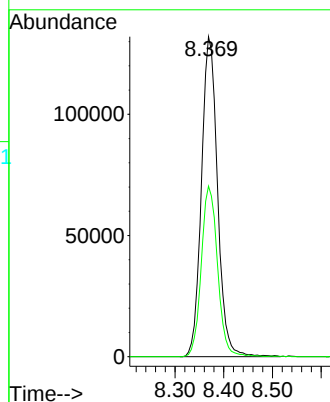
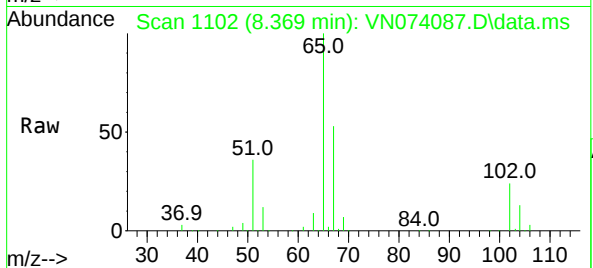




#33
 1,2-Dichloroethane-d4
 Concen: 50.114 ug/l
 RT: 8.369 min Scan# 1102
 Delta R.T. -0.000 min
 Lab File: VN074087.D
 Acq: 24 Aug 2022 13:22

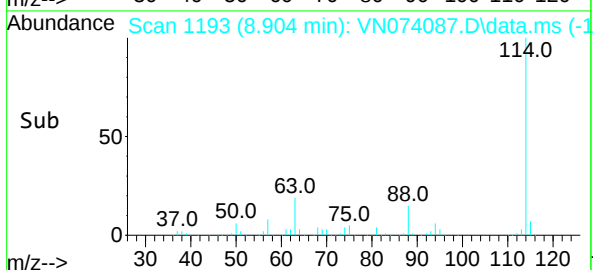
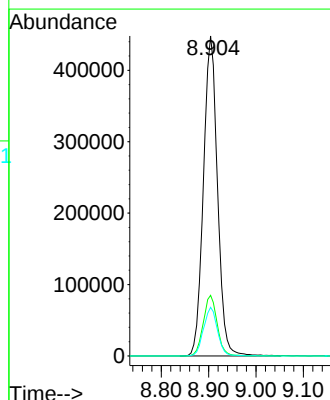
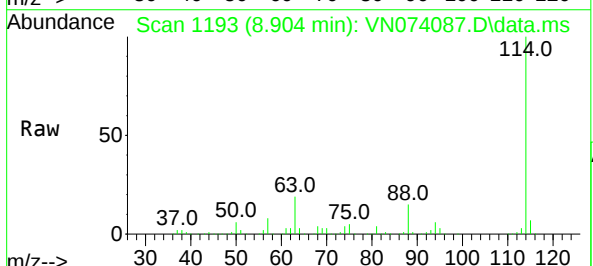
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-105D

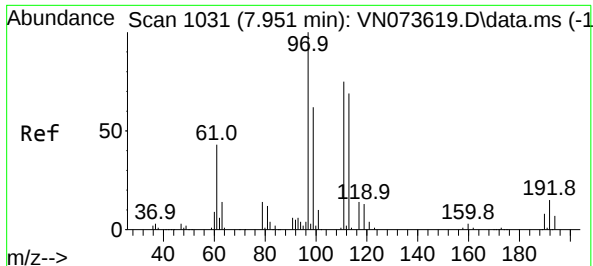
Tgt Ion: 65 Resp: 302886
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.904 min Scan# 1193
 Delta R.T. 0.000 min
 Lab File: VN074087.D
 Acq: 24 Aug 2022 13:22

Tgt Ion: 114 Resp: 924666
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 40.0
 88 15.2 0.0 32.6





#35

Dibromofluoromethane

Concen: 50.453 ug/l

RT: 7.951 min Scan# 1043

Delta R.T. 0.000 min

Lab File: VN074087.D

Acq: 24 Aug 2022 13:22

Instrument :

MSVOA_N

ClientSampleId :

MW-105D

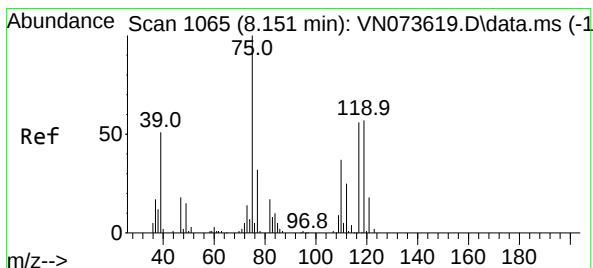
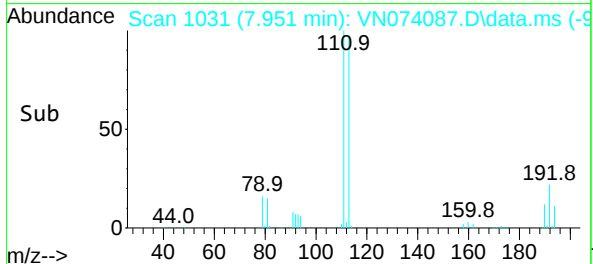
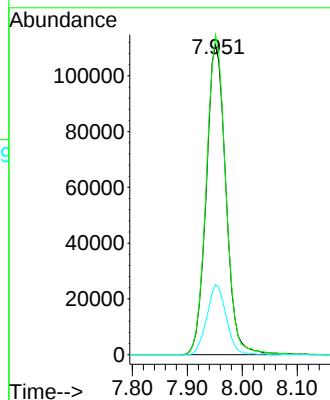
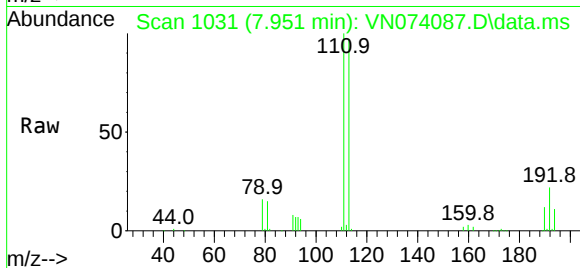
Tgt Ion:113 Resp: 275897

Ion Ratio Lower Upper

113 100

111 102.1 81.4 122.0

192 22.3 17.0 25.6



#36

1,1-Dichloropropene

Concen: 5.280 ug/l

RT: 8.022 min Scan# 1043

Delta R.T. -0.129 min

Lab File: VN074087.D

Acq: 24 Aug 2022 13:22

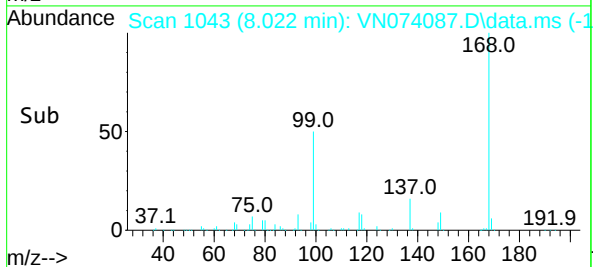
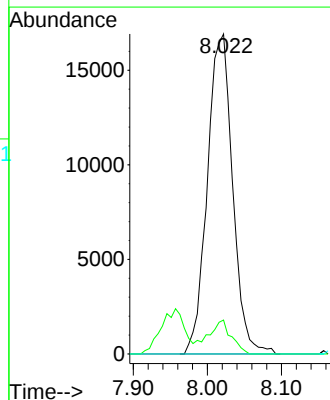
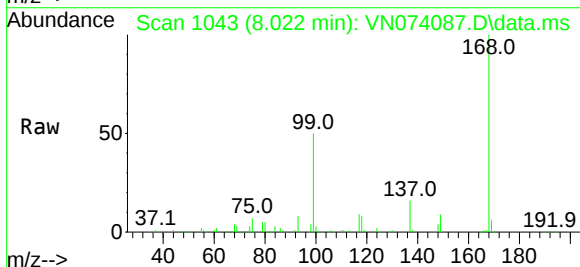
Tgt Ion: 75 Resp: 40106

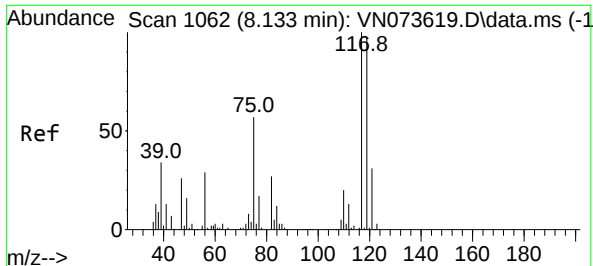
Ion Ratio Lower Upper

75 100

110 8.6 18.3 54.8#

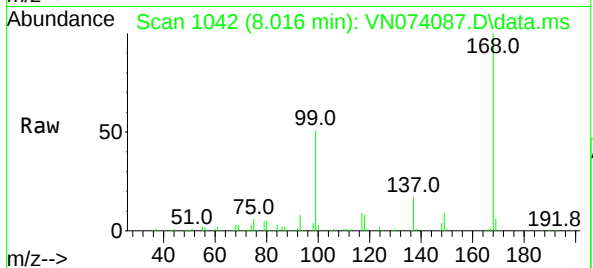
77 0.0 25.1 37.7#



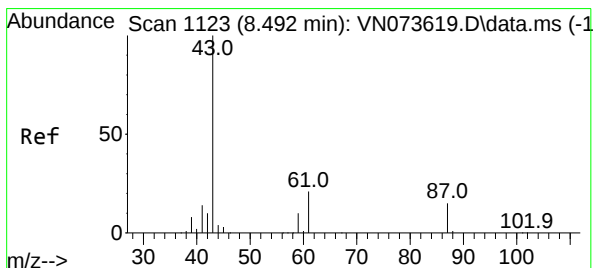
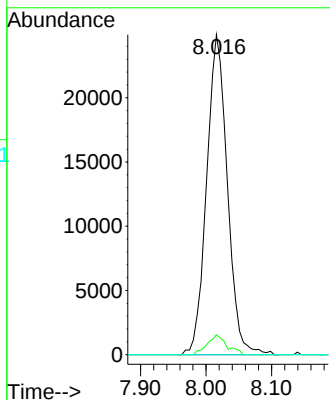
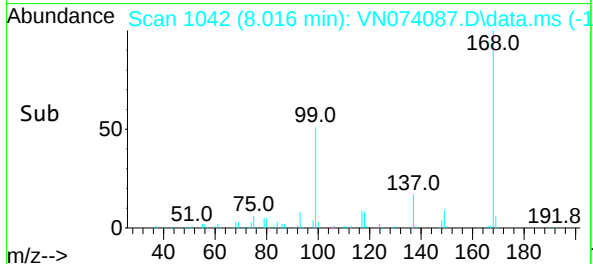


#38
Carbon Tetrachloride
Concen: 6.315 ug/l
RT: 8.016 min Scan# 1148
Delta R.T. -0.117 min
Lab File: VN074087.D
Acq: 24 Aug 2022 13:22

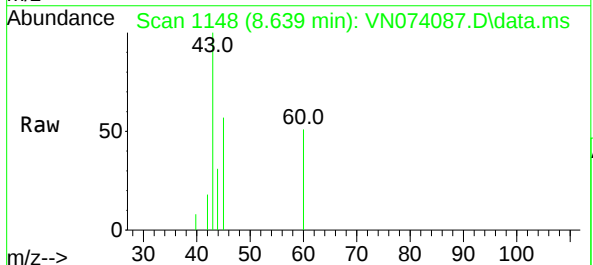
Instrument :
MSVOA_N
ClientSampleId :
MW-105D



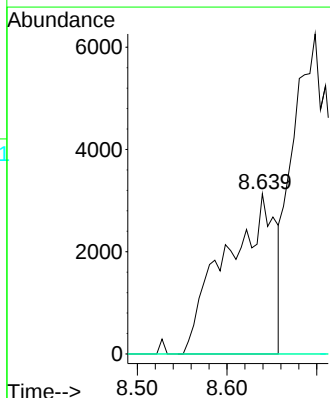
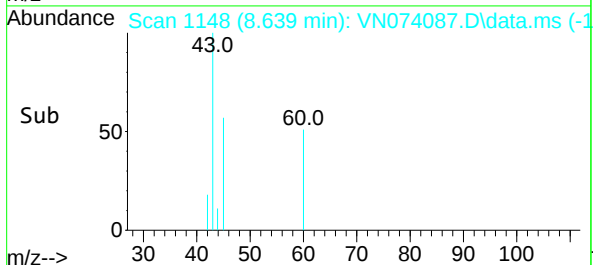
Tgt Ion: 117 Resp: 54824
Ion Ratio Lower Upper
117 100
119 6.2 75.8 113.8#
121 0.0 24.6 37.0#

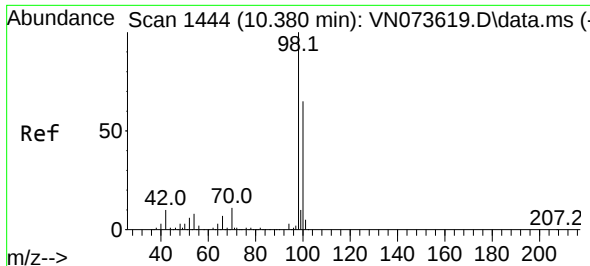


#43
Isopropyl Acetate
Concen: 0.918 ug/l
RT: 8.639 min Scan# 1148
Delta R.T. 0.147 min
Lab File: VN074087.D
Acq: 24 Aug 2022 13:22



Tgt Ion: 43 Resp: 12032
Ion Ratio Lower Upper
43 100
61 0.0 21.9 32.9#
87 0.0 12.0 18.0#

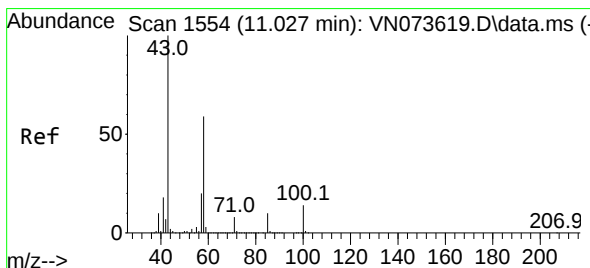
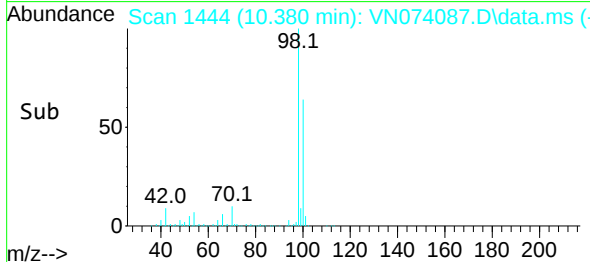
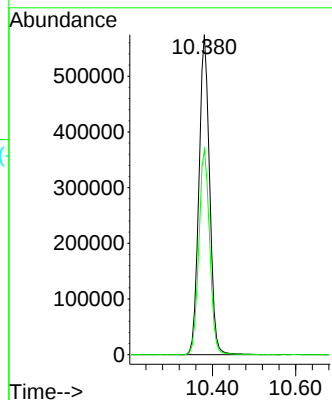
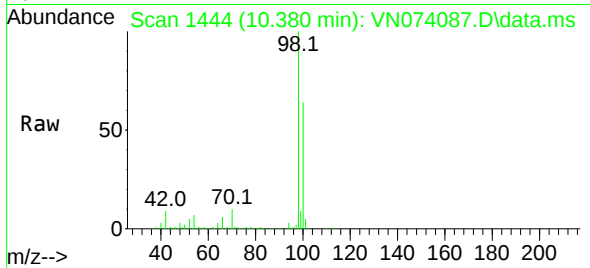




#50
Toluene-d8
Concen: 48.288 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN074087.D
Acq: 24 Aug 2022 13:22

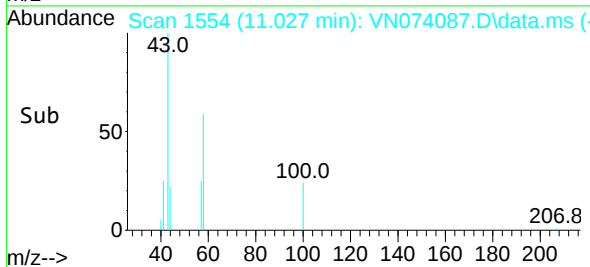
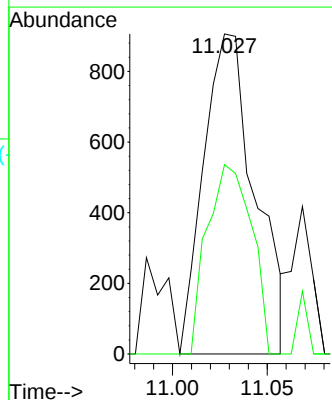
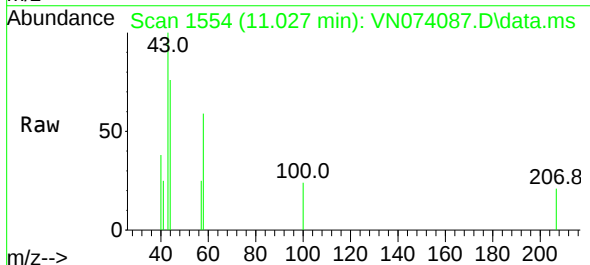
Instrument :
MSVOA_N
ClientSampleId :
MW-105D

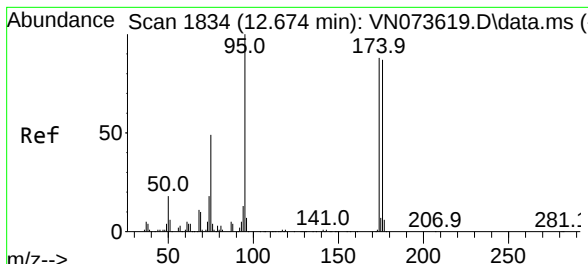
Tgt Ion: 98 Resp: 1022661
Ion Ratio Lower Upper
98 100
100 65.2 52.6 78.8



#59
2-Hexanone
Concen: 0.252 ug/l
RT: 11.027 min Scan# 1554
Delta R.T. 0.000 min
Lab File: VN074087.D
Acq: 24 Aug 2022 13:22

Tgt Ion: 43 Resp: 1716
Ion Ratio Lower Upper
43 100
58 51.1 29.7 89.1

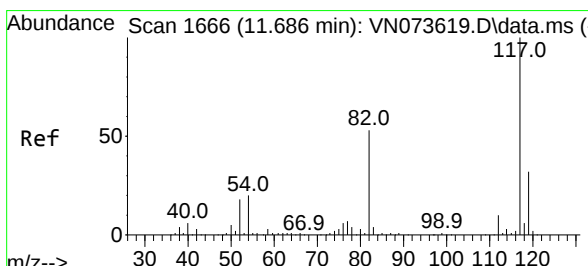
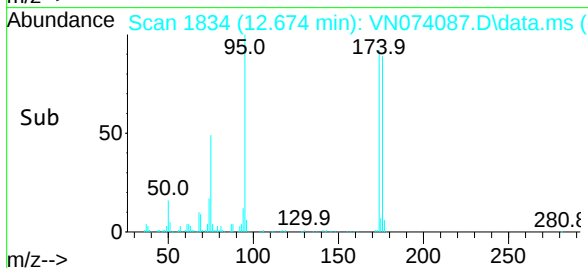
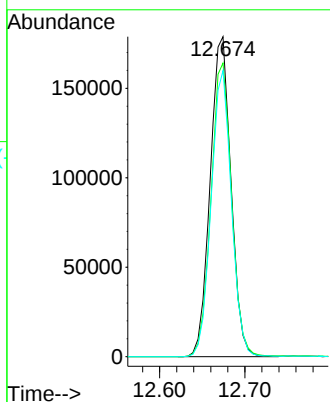
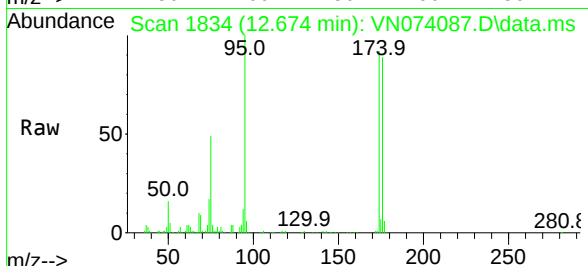




#62
 4-Bromofluorobenzene
 Concen: 43.181 ug/l
 RT: 12.674 min Scan# 1834
 Delta R.T. 0.000 min
 Lab File: VN074087.D
 Acq: 24 Aug 2022 13:22

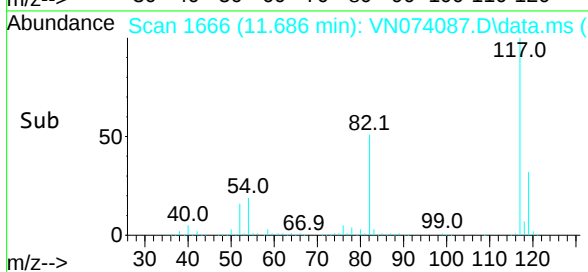
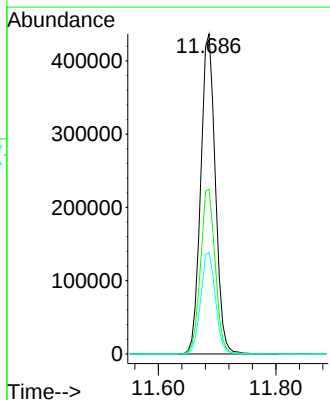
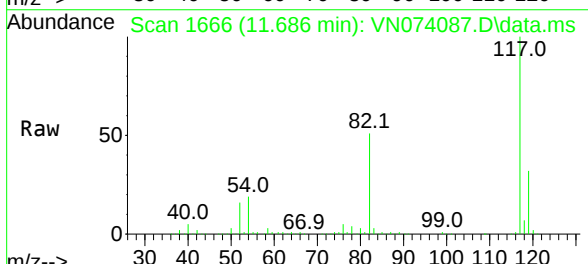
Instrument : MSVOA_N
 ClientSampleId : MW-105D

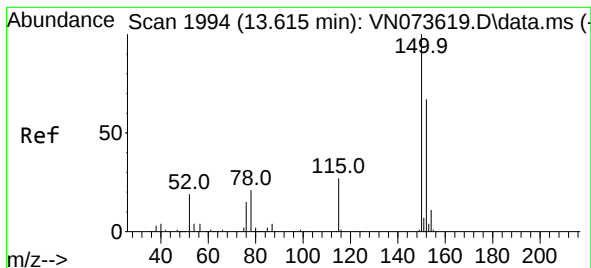
Tgt Ion:	95	Resp:	303512
Ion Ratio	Lower	Upper	
95	100		
174	90.9	0.0	167.6
176	86.6	0.0	163.4



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.686 min Scan# 1666
 Delta R.T. 0.000 min
 Lab File: VN074087.D
 Acq: 24 Aug 2022 13:22

Tgt Ion:	117	Resp:	757492
Ion Ratio	Lower	Upper	
117	100		
82	51.4	44.2	66.2
119	31.8	25.4	38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.615 min Scan# 1994

Delta R.T. 0.000 min

Lab File: VN074087.D

Acq: 24 Aug 2022 13:22

Instrument :

MSVOA_N

ClientSampleId :

MW-105D

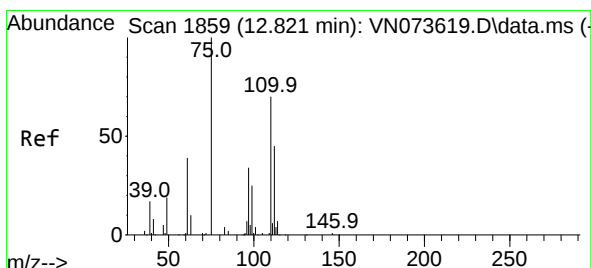
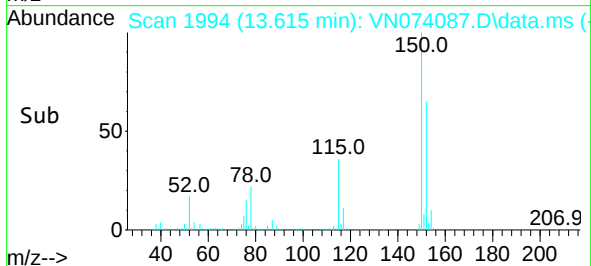
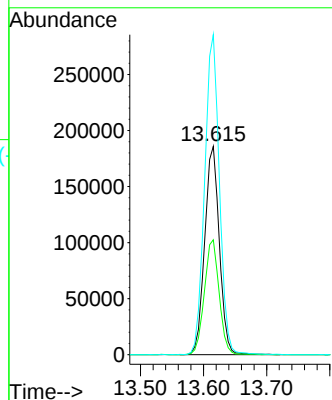
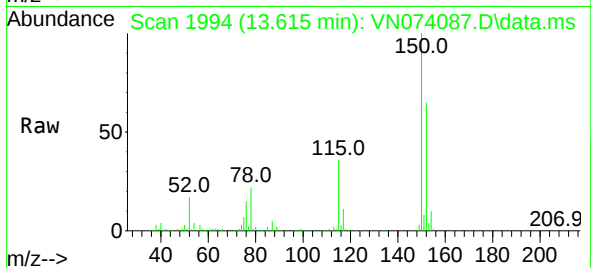
Tgt Ion:152 Resp: 300417

Ion Ratio Lower Upper

152 100

115 55.6 28.9 86.7

150 154.6 0.0 356.2



#76

1,2,3-Trichloropropane

Concen: 23.706 ug/l

RT: 12.674 min Scan# 1834

Delta R.T. -0.147 min

Lab File: VN074087.D

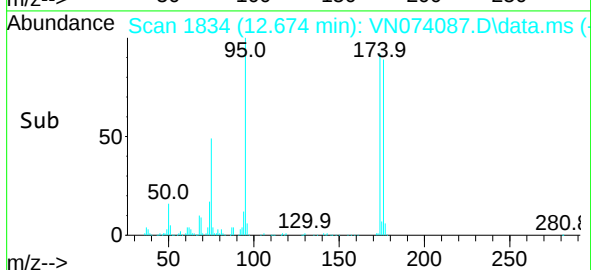
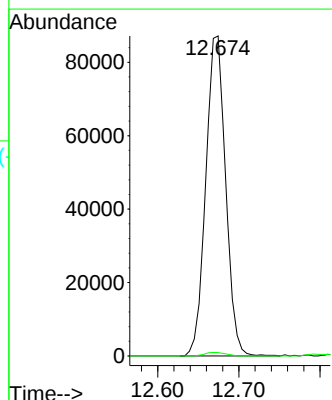
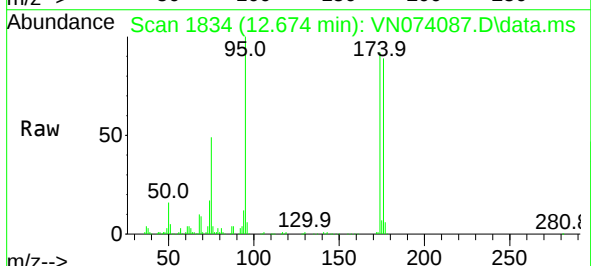
Acq: 24 Aug 2022 13:22

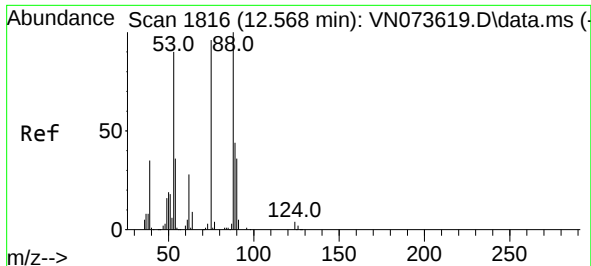
Tgt Ion: 75 Resp: 148022

Ion Ratio Lower Upper

75 100

77 1.2 98.5 295.5#

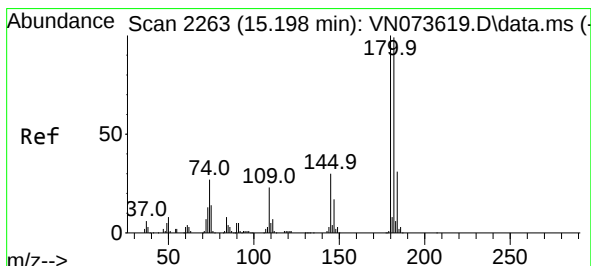
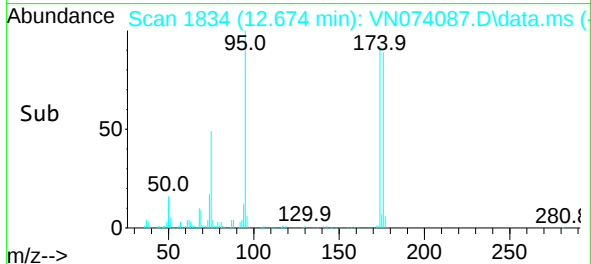
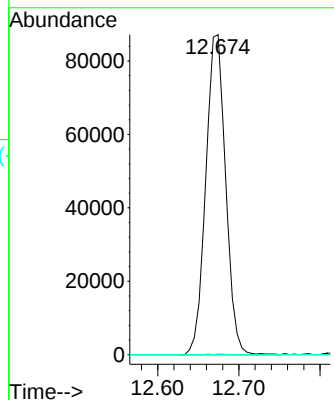
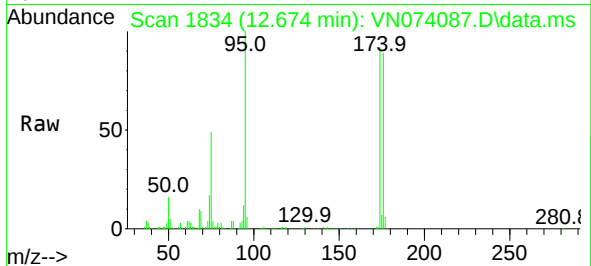




#81
 trans-1,4-Dichloro-2-butene
 Concen: 67.424 ug/l
 RT: 12.674 min Scan# 1834
 Delta R.T. 0.106 min
 Lab File: VN074087.D
 Acq: 24 Aug 2022 13:22

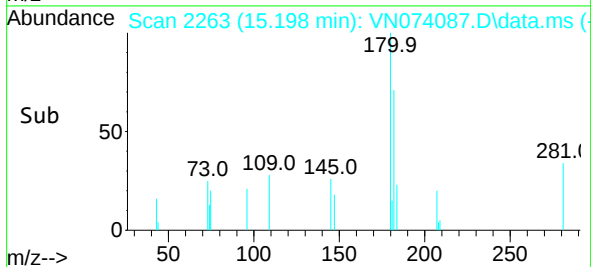
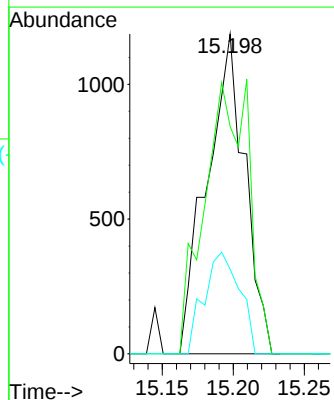
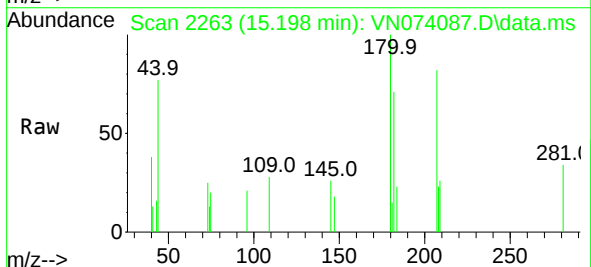
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-105D

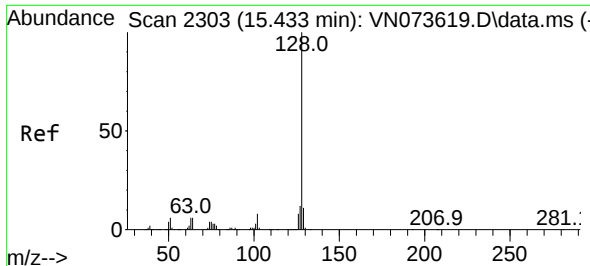
Tgt Ion: 75 Resp: 148022
 Ion Ratio Lower Upper
 75 100
 53 0.1 78.0 117.0#
 89 0.0 37.2 55.8#



#93
 1,2,4-Trichlorobenzene
 Concen: 0.341 ug/l
 RT: 15.198 min Scan# 2263
 Delta R.T. -0.000 min
 Lab File: VN074087.D
 Acq: 24 Aug 2022 13:22

Tgt Ion:180 Resp: 2201
 Ion Ratio Lower Upper
 180 100
 182 99.3 47.5 142.5
 145 29.9 14.5 43.5

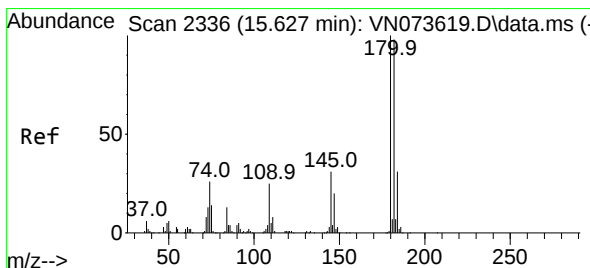
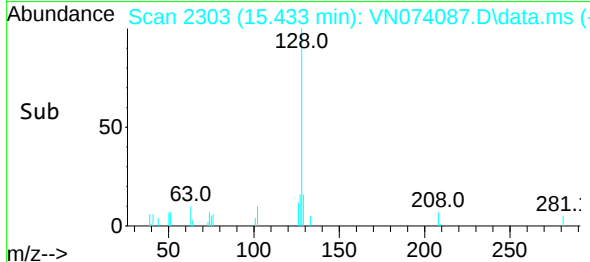
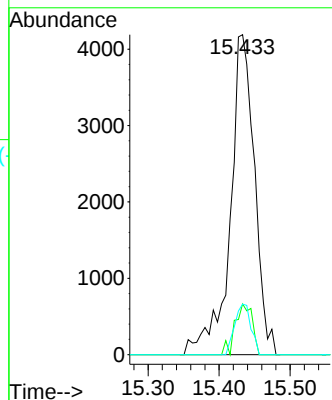
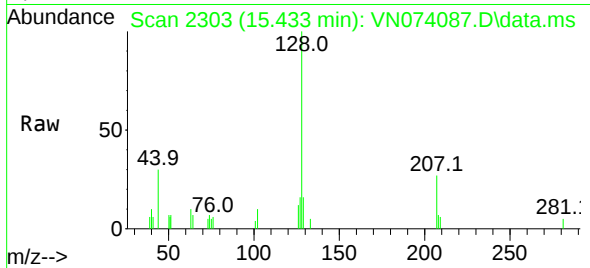




#95
Naphthalene
Concen: 0.476 ug/l
RT: 15.433 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN074087.D
Acq: 24 Aug 2022 13:22

Instrument :
MSVOA_N
ClientSampleId :
MW-105D

Tgt Ion:128 Resp: 10007
Ion Ratio Lower Upper
128 100
127 11.2 10.3 15.5
129 10.6 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 0.400 ug/l
RT: 15.621 min Scan# 2335
Delta R.T. -0.006 min
Lab File: VN074087.D
Acq: 24 Aug 2022 13:22

Tgt Ion:180 Resp: 2671
Ion Ratio Lower Upper
180 100
182 100.6 47.8 143.3
145 14.1 15.5 46.5#

