

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071222\
 Data File : VN073437.D
 Acq On : 12 Jul 2022 15:22
 Operator : JC\MD
 Sample : N3616-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 GWOW-BR-03-82-102-070622

Quant Time: Jul 13 06:18:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 01:54:03 2022
 Response via : Initial Calibration

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

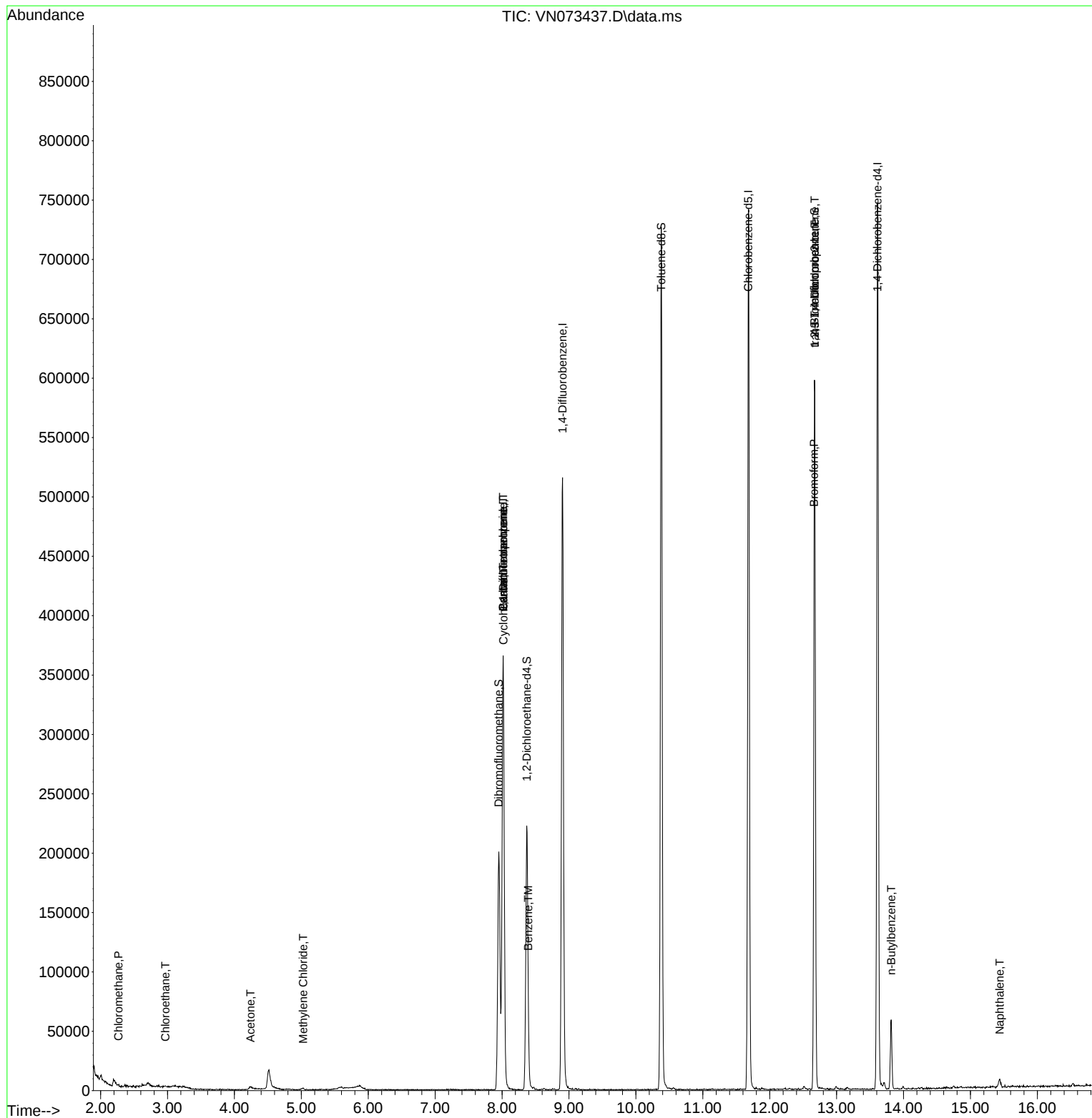
Internal Standards						
1) Pentafluorobenzene	8.016	168	265515	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	451124	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	420529	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	202544	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	180732	47.152	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	94.300%
35) Dibromofluoromethane	7.951	113	149060	49.664	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.320%
50) Toluene-d8	10.380	98	484931	45.491	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	90.980%
62) 4-Bromofluorobenzene	12.669	95	208702	50.946	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.900%
Target Compounds						
					Qvalue	
3) Chloromethane	2.269	50	864	0.229	ug/l	95
6) Chloroethane	2.969	64	454	0.241	ug/l #	42
16) Acetone	4.240	43	4682	2.176	ug/l #	88
20) Methylene Chloride	5.028	84	889	0.235	ug/l #	79
31) Cyclohexane	8.022	56	6755	1.076	ug/l #	26
36) 1,1-Dichloropropene	8.016	75	23515	5.092	ug/l #	48
38) Carbon Tetrachloride	8.016	117	27917	5.845	ug/l #	16
40) Benzene	8.392	78	4156	0.292	ug/l	98
71) Bromoform	12.663	173	1811	0.707	ug/l #	1
76) 1,2,3-Trichloropropane	12.674	75	111593	21.071	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.674	75	111593	57.786	ug/l #	10
89) n-Butylbenzene	13.816	91	5029	0.435	ug/l #	41
95) Naphthalene	15.439	128	7744	0.496	ug/l #	95

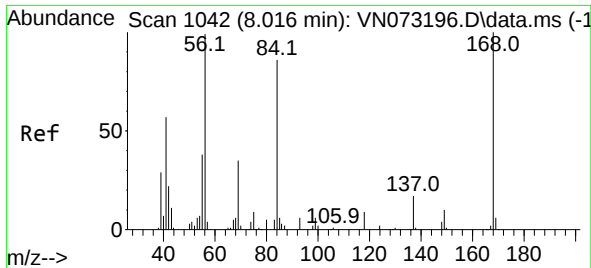
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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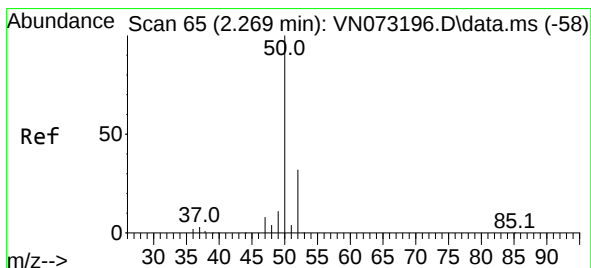
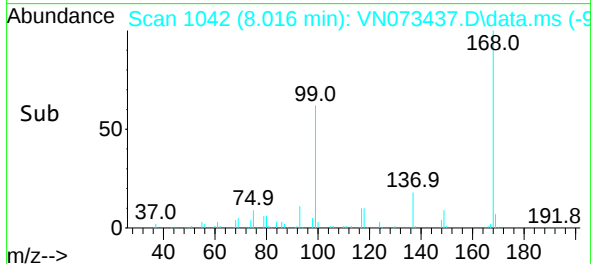
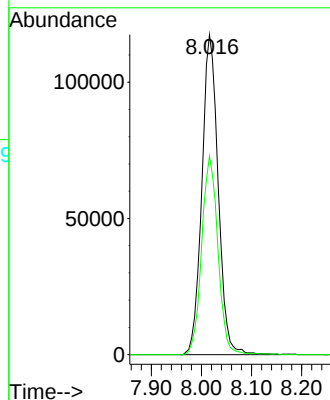
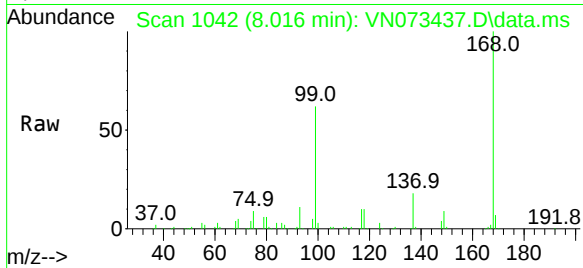




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073437.D
Acq: 12 Jul 2022 15:22

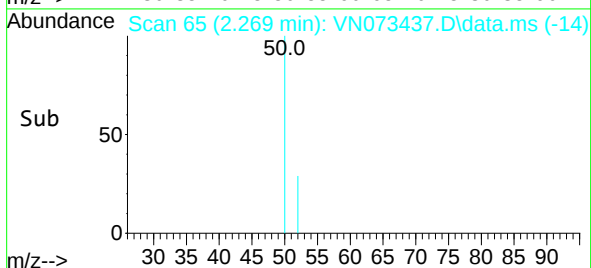
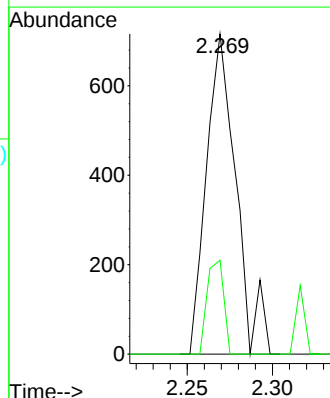
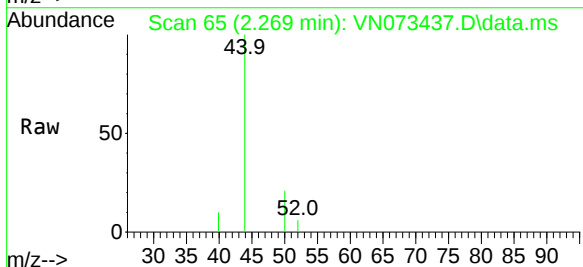
Instrument : MSVOA_N
ClientSampleId : GWOW-BR-03-82-102-070622

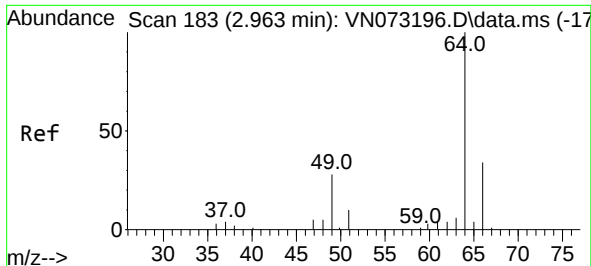
Tgt Ion:168 Resp: 265515
Ion Ratio Lower Upper
168 100
99 62.0 42.3 63.5



#3
Chloromethane
Concen: 0.229 ug/l
RT: 2.269 min Scan# 65
Delta R.T. 0.000 min
Lab File: VN073437.D
Acq: 12 Jul 2022 15:22

Tgt Ion: 50 Resp: 864
Ion Ratio Lower Upper
50 100
52 29.3 25.7 38.5

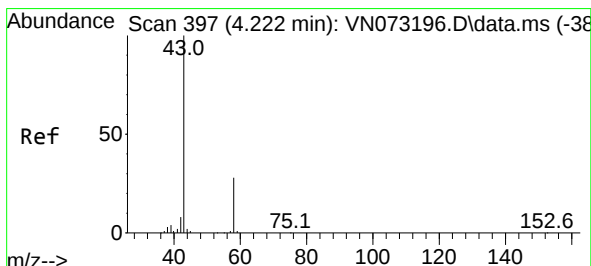
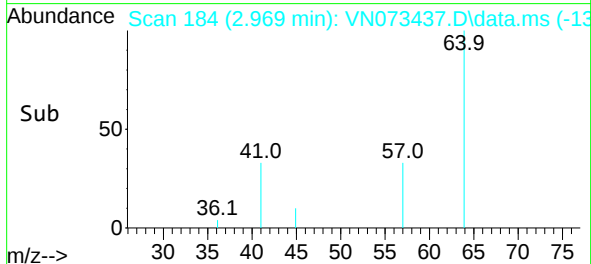
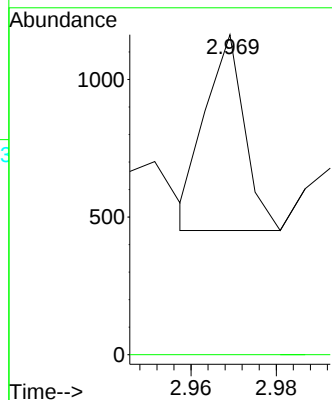
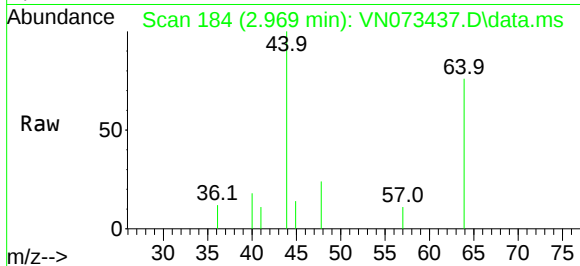




#6
Chloroethane
Concen: 0.241 ug/l
RT: 2.969 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN073437.D
Acq: 12 Jul 2022 15:22

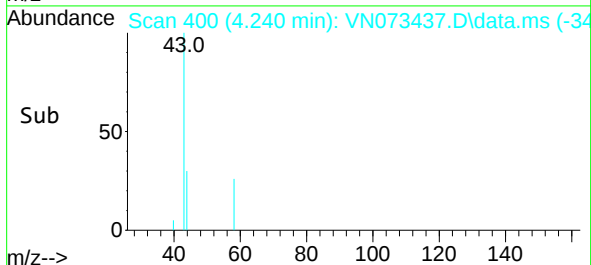
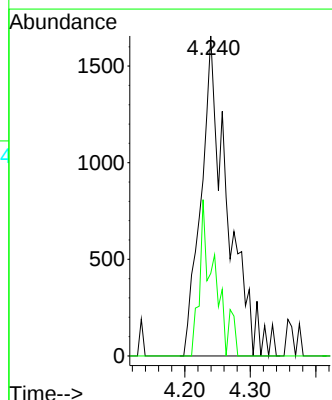
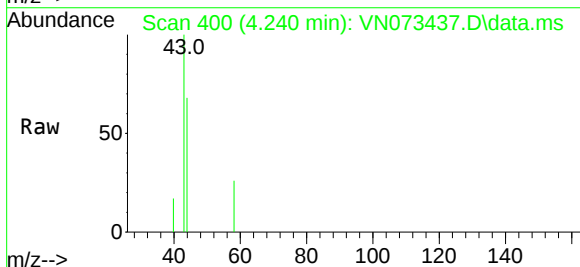
Instrument :
MSVOA_N
ClientSampleId :
GWOW-BR-03-82-102-070622

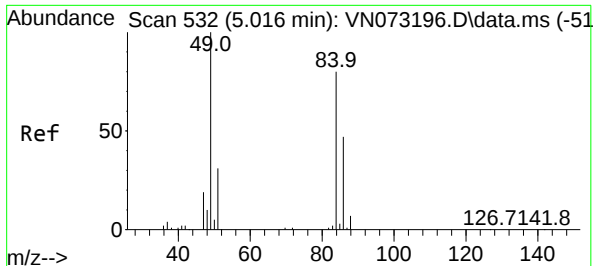
Tgt Ion: 64 Resp: 454
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#



#16
Acetone
Concen: 2.176 ug/l
RT: 4.240 min Scan# 400
Delta R.T. 0.018 min
Lab File: VN073437.D
Acq: 12 Jul 2022 15:22

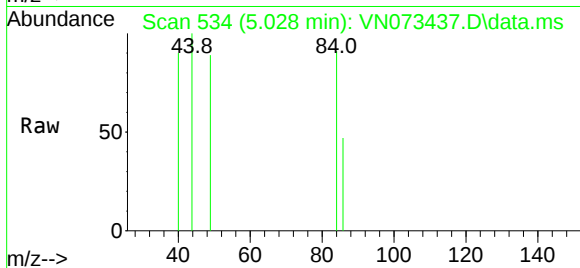
Tgt Ion: 43 Resp: 4682
Ion Ratio Lower Upper
43 100
58 25.8 26.0 39.0#



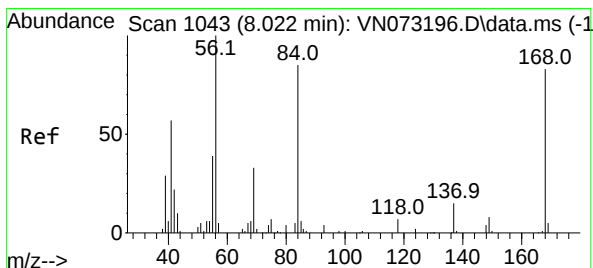
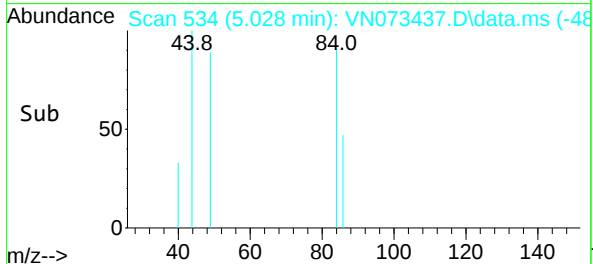
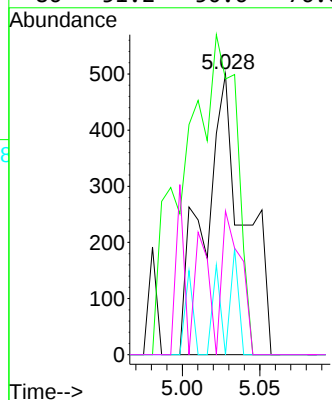


#20
Methylene Chloride
Concen: 0.235 ug/l
RT: 5.028 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN073437.D
Acq: 12 Jul 2022 15:22

Instrument :
MSVOA_N
ClientSampleId :
GWOW-BR-03-82-102-070622

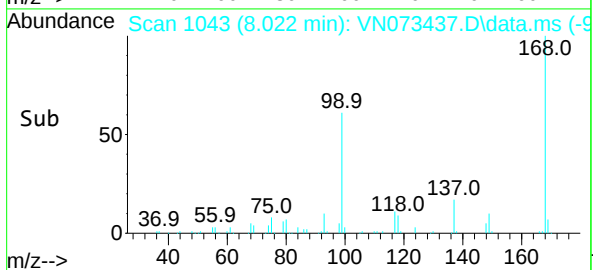
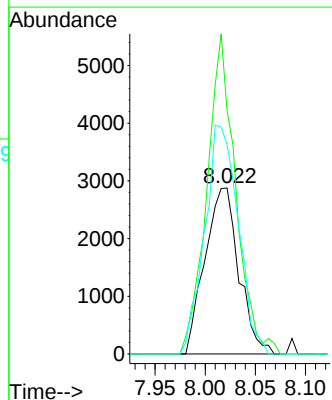
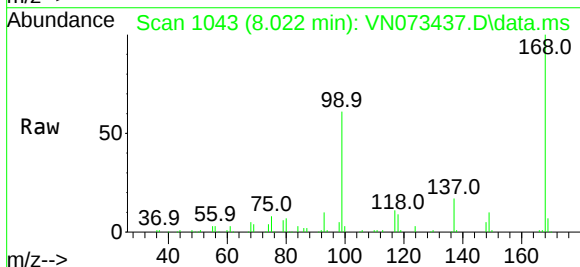


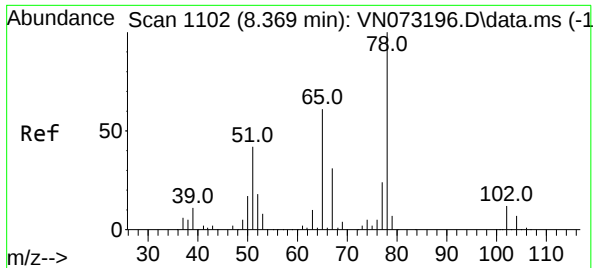
Tgt Ion:	84	Resp:	889
Ion	Ratio	Lower	Upper
84	100		
49	98.2	88.3	132.5
51	0.0	28.2	42.2#
86	51.2	50.6	76.0



#31
Cyclohexane
Concen: 1.076 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. -0.000 min
Lab File: VN073437.D
Acq: 12 Jul 2022 15:22

Tgt Ion:	56	Resp:	6755
Ion	Ratio	Lower	Upper
56	100		
69	146.5	27.8	41.8#
84	126.1	76.9	115.3#

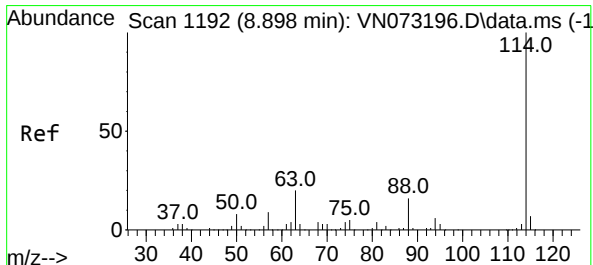
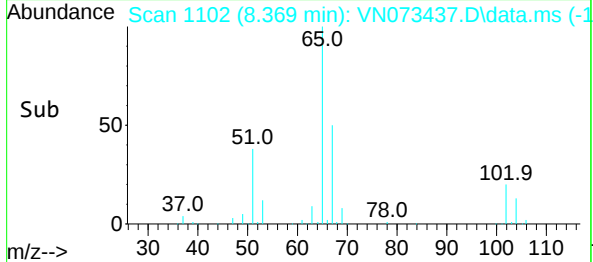
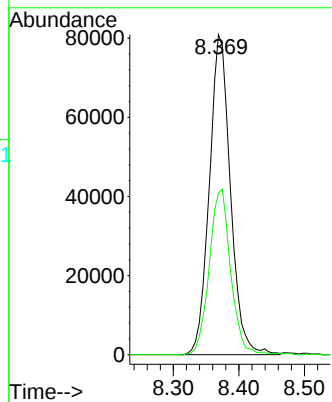
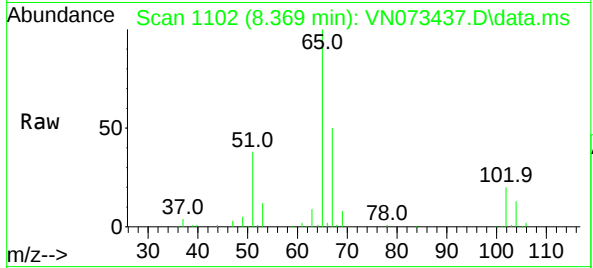




#33
 1,2-Dichloroethane-d4
 Concen: 47.152 ug/l
 RT: 8.369 min Scan# 1102
 Delta R.T. -0.000 min
 Lab File: VN073437.D
 Acq: 12 Jul 2022 15:22

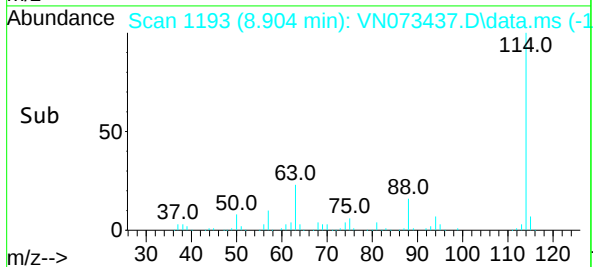
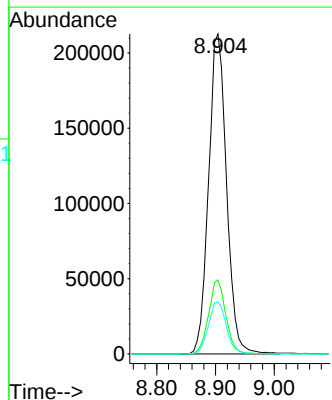
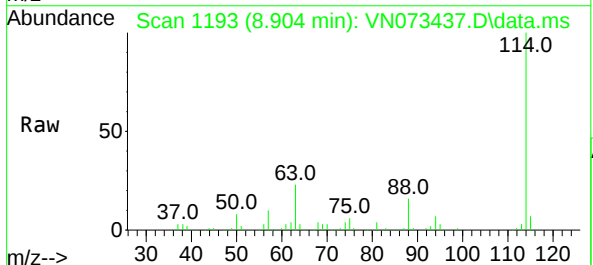
Instrument : MSVOA_N
 ClientSampleId : GWOW-BR-03-82-102-070622

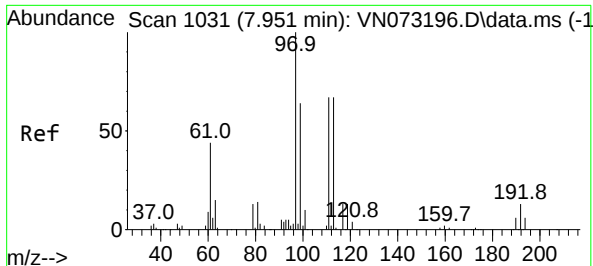
Tgt Ion: 65 Resp: 180732
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.904 min Scan# 1193
 Delta R.T. 0.006 min
 Lab File: VN073437.D
 Acq: 12 Jul 2022 15:22

Tgt Ion: 114 Resp: 451124
 Ion Ratio Lower Upper
 114 100
 63 23.1 0.0 40.0
 88 16.2 0.0 32.6





#35

Dibromofluoromethane

Concen: 49.664 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073437.D

Acq: 12 Jul 2022 15:22

Instrument :

MSVOA_N

ClientSampleId :

GWOW-BR-03-82-102-070622

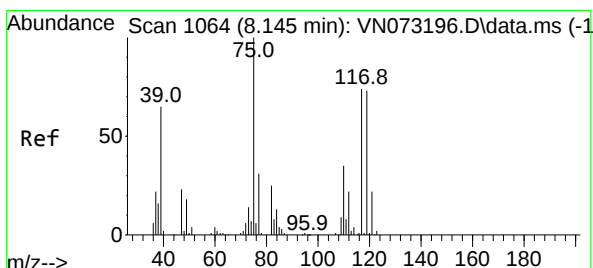
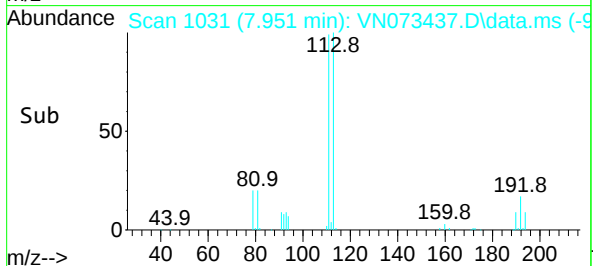
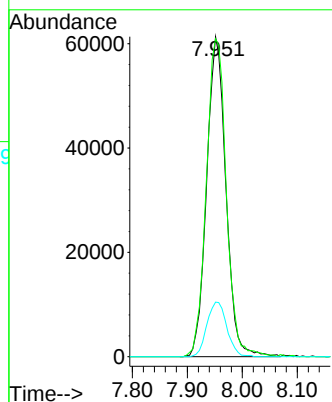
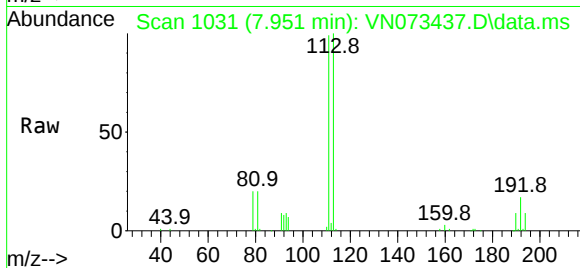
Tgt Ion:113 Resp: 149060

Ion Ratio Lower Upper

113 100

111 103.5 81.4 122.0

192 17.7 17.0 25.6



#36

1,1-Dichloropropene

Concen: 5.092 ug/l

RT: 8.016 min Scan# 1042

Delta R.T. -0.129 min

Lab File: VN073437.D

Acq: 12 Jul 2022 15:22

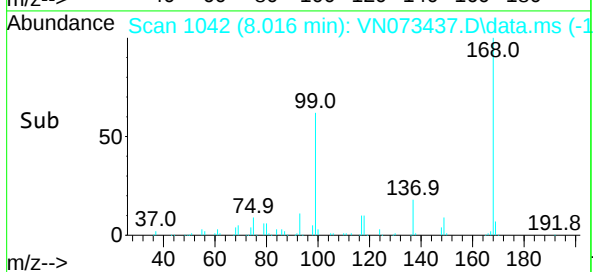
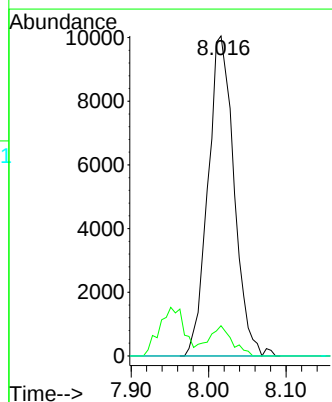
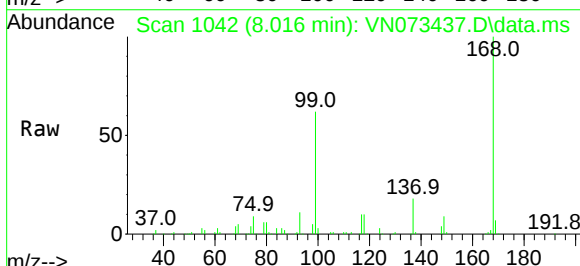
Tgt Ion: 75 Resp: 23515

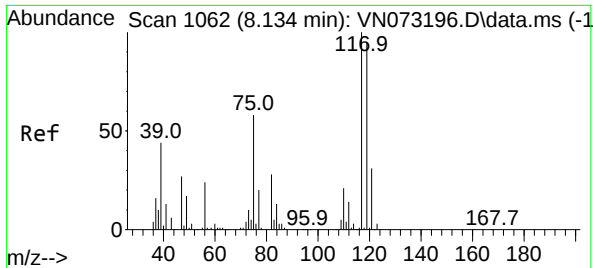
Ion Ratio Lower Upper

75 100

110 8.3 18.3 54.8#

77 0.0 25.1 37.7#

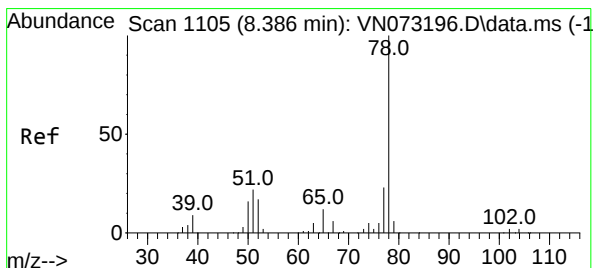
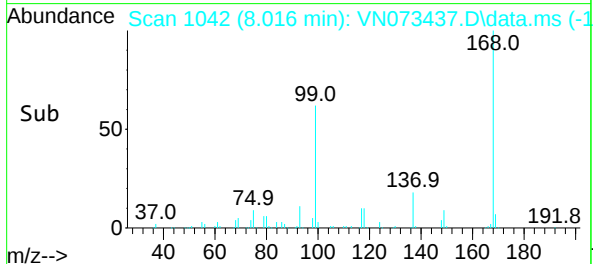
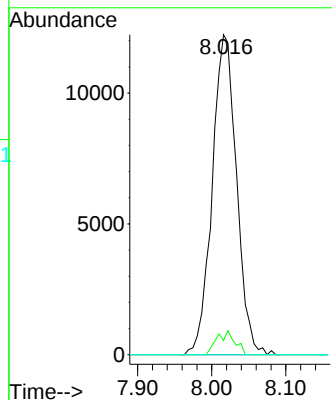
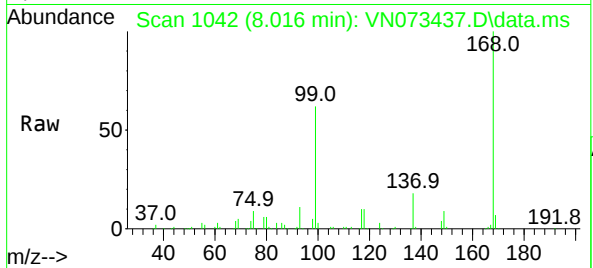




#38
Carbon Tetrachloride
Concen: 5.845 ug/l
RT: 8.016 min Scan# 1106
Delta R.T. -0.118 min
Lab File: VN073437.D
Acq: 12 Jul 2022 15:22

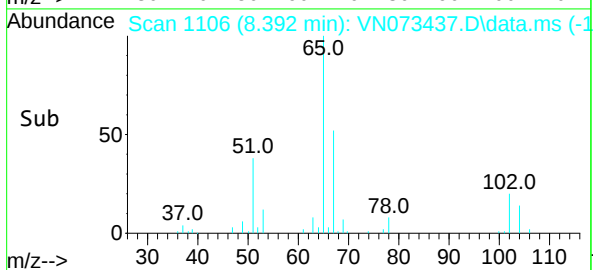
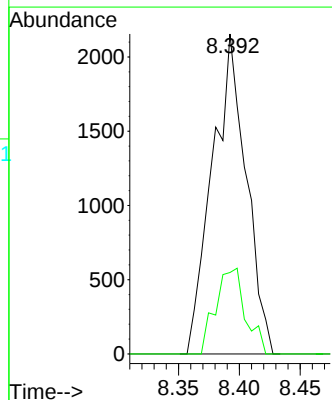
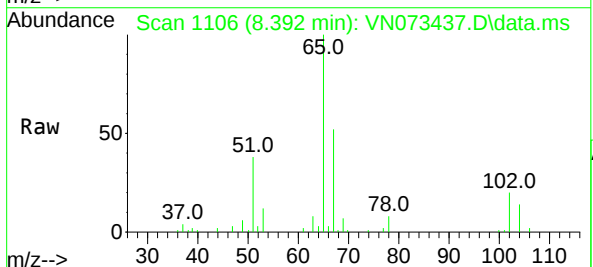
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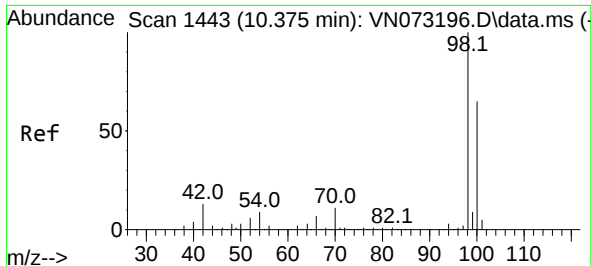
Tgt Ion:117 Resp: 27917
Ion Ratio Lower Upper
117 100
119 4.4 75.8 113.8#
121 0.0 24.6 37.0#



#40
Benzene
Concen: 0.292 ug/l
RT: 8.392 min Scan# 1106
Delta R.T. 0.006 min
Lab File: VN073437.D
Acq: 12 Jul 2022 15:22

Tgt Ion: 78 Resp: 4156
Ion Ratio Lower Upper
78 100
77 25.4 19.4 29.0

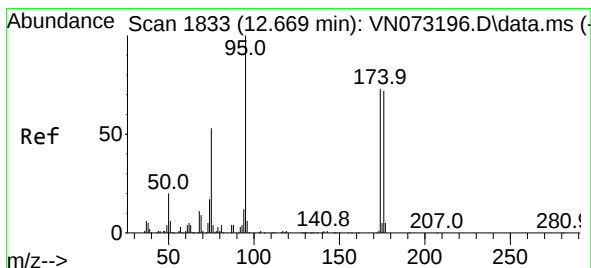
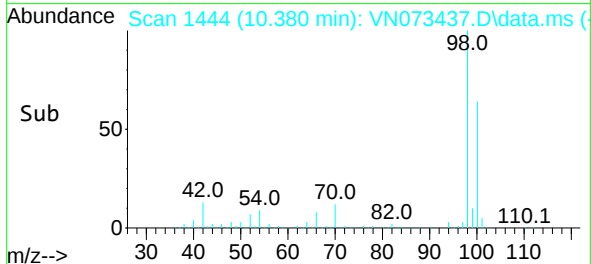
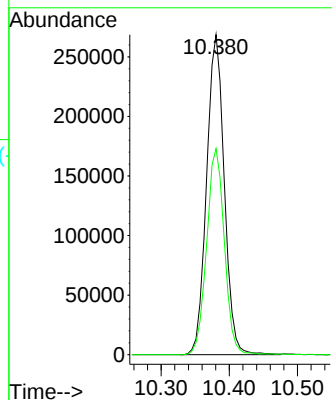
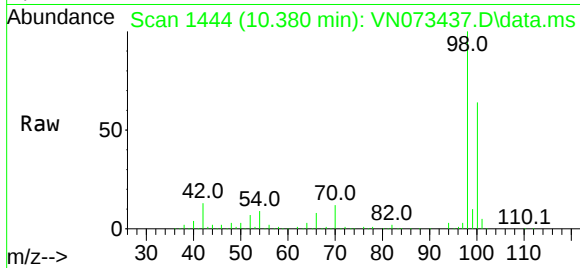




#50
Toluene-d8
Concen: 45.491 ug/l
RT: 10.380 min Scan# 1443
Delta R.T. 0.005 min
Lab File: VN073437.D
Acq: 12 Jul 2022 15:22

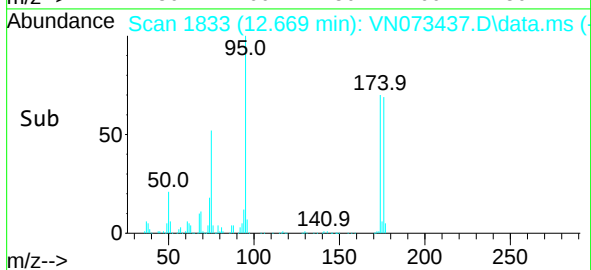
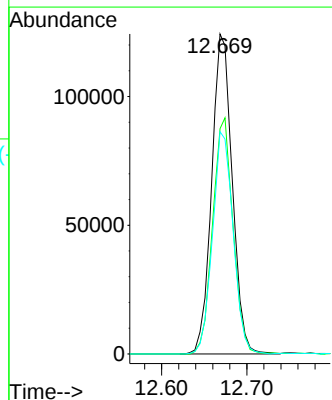
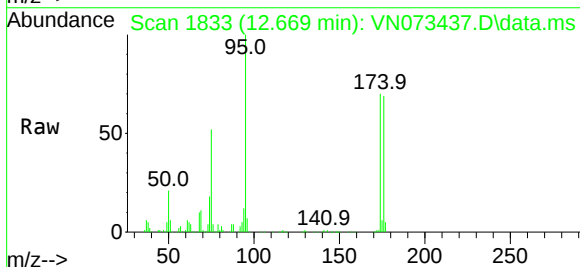
Instrument :
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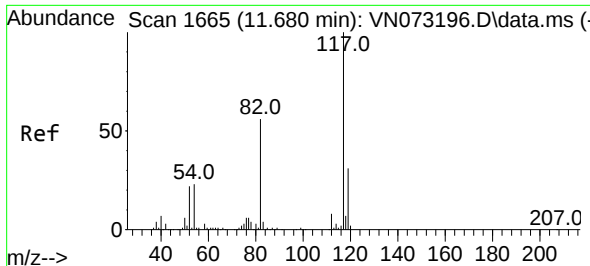
Tgt Ion: 98 Resp: 484931
Ion Ratio Lower Upper
98 100
100 64.6 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 50.946 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN073437.D
Acq: 12 Jul 2022 15:22

Tgt Ion: 95 Resp: 208702
Ion Ratio Lower Upper
95 100
174 73.3 0.0 167.6
176 69.6 0.0 163.4

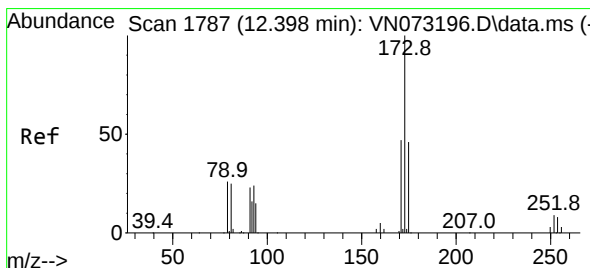
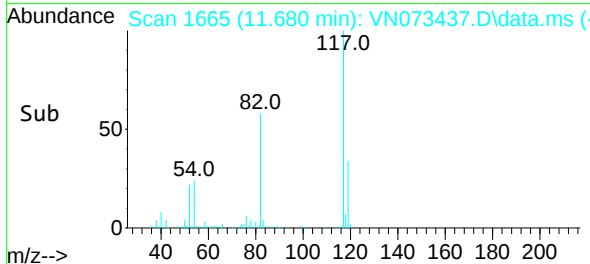
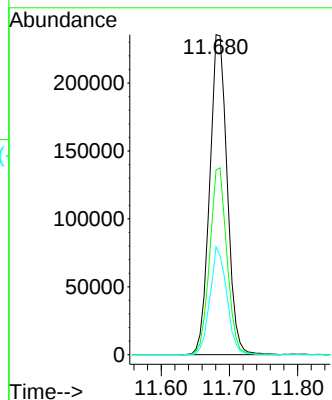
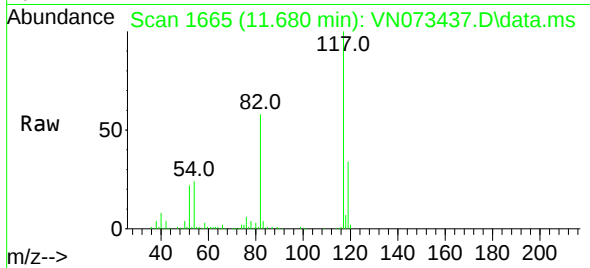




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN073437.D
Acq: 12 Jul 2022 15:22

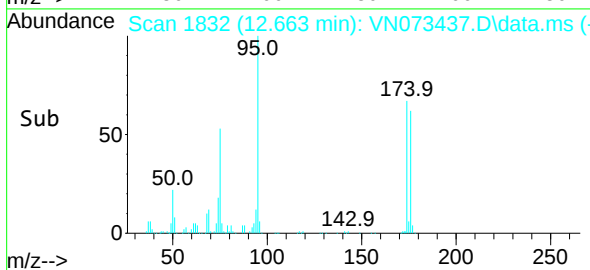
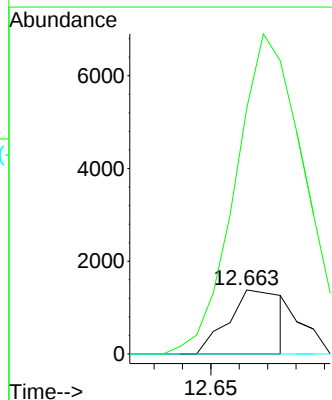
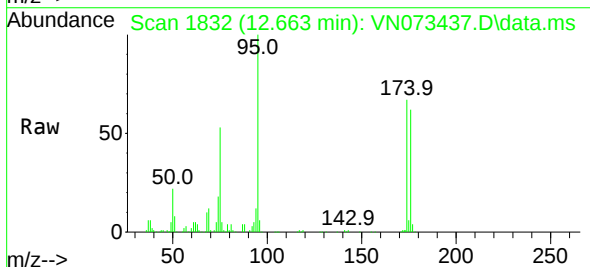
Instrument :
MSVOA_N
ClientSampleId :
GWOW-BR-03-82-102-070622

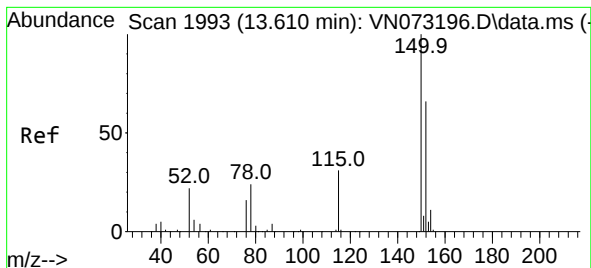
Tgt Ion:117 Resp: 420529
Ion Ratio Lower Upper
117 100
82 57.7 44.2 66.2
119 33.6 25.4 38.0



#71
Bromoform
Concen: 0.707 ug/l
RT: 12.663 min Scan# 1832
Delta R.T. 0.265 min
Lab File: VN073437.D
Acq: 12 Jul 2022 15:22

Tgt Ion:173 Resp: 1811
Ion Ratio Lower Upper
173 100
175 456.3 24.6 73.6#
254 0.0 0.1 0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.610 min Scan# 1993

Delta R.T. -0.000 min

Lab File: VN073437.D

Acq: 12 Jul 2022 15:22

Instrument :

MSVOA_N

ClientSampleId :

GWOW-BR-03-82-102-070622

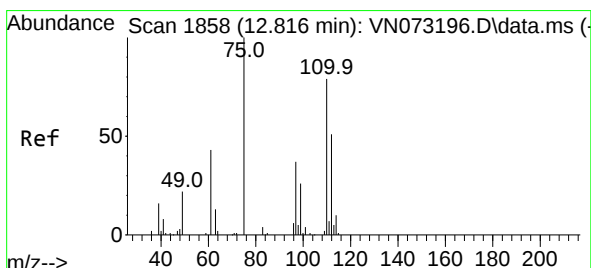
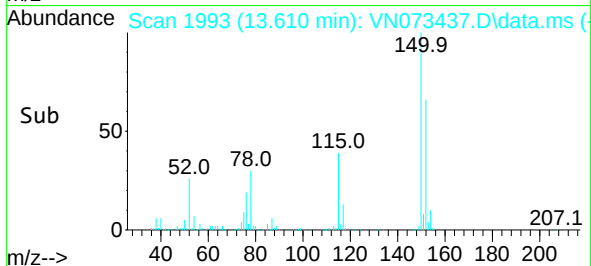
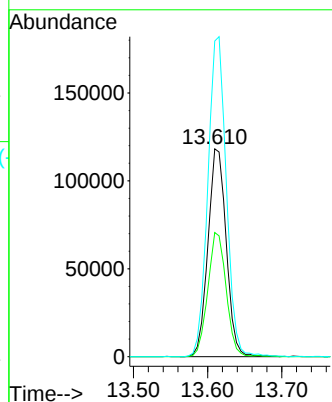
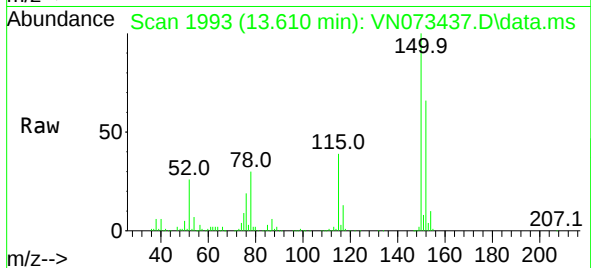
Tgt Ion:152 Resp: 202544

Ion Ratio Lower Upper

152 100

115 59.8 28.9 86.7

150 155.5 0.0 356.2



#76

1,2,3-Trichloropropane

Concen: 21.071 ug/l

RT: 12.674 min Scan# 1834

Delta R.T. -0.142 min

Lab File: VN073437.D

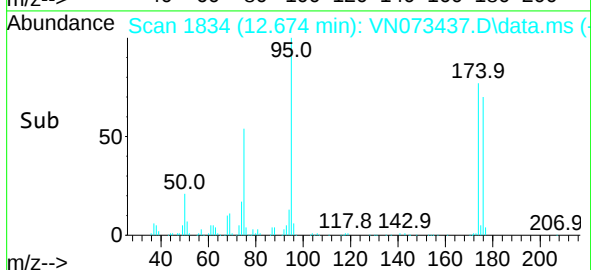
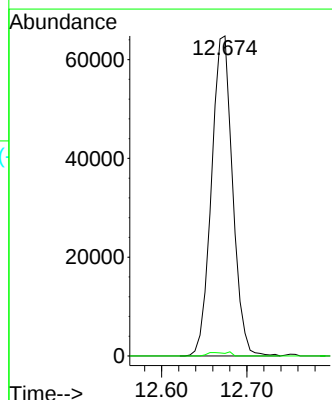
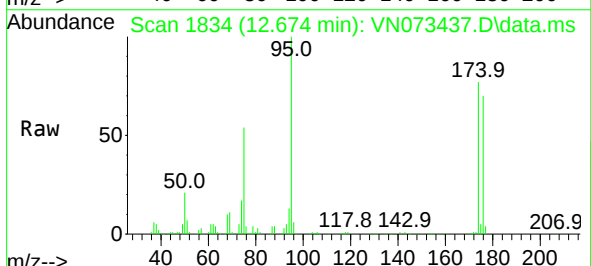
Acq: 12 Jul 2022 15:22

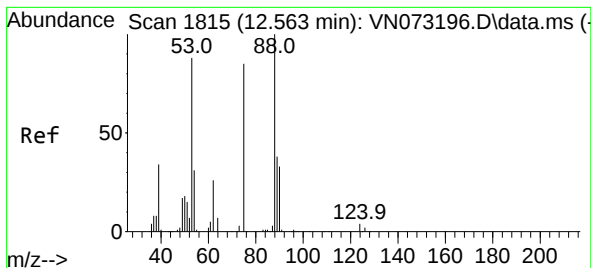
Tgt Ion: 75 Resp: 111593

Ion Ratio Lower Upper

75 100

77 1.1 98.5 295.5#

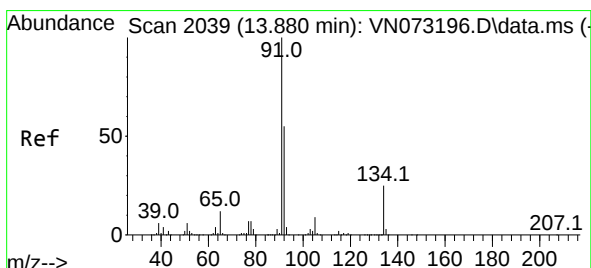
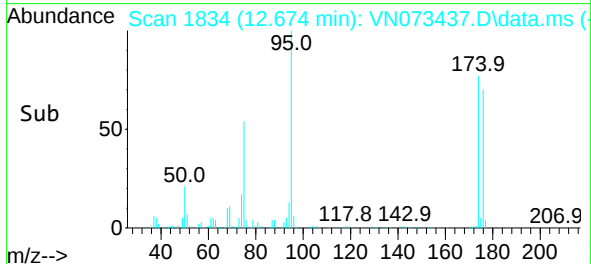
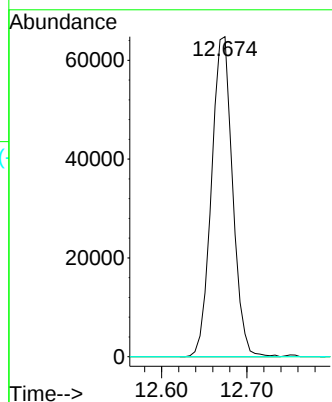
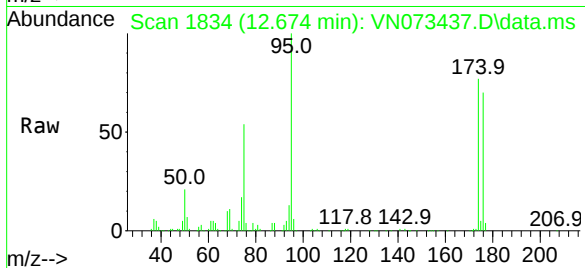




#81
trans-1,4-Dichloro-2-butene
Concen: 57.786 ug/l
RT: 12.674 min Scan# 111593
Delta R.T. 0.111 min
Lab File: VN073437.D
Acq: 12 Jul 2022 15:22

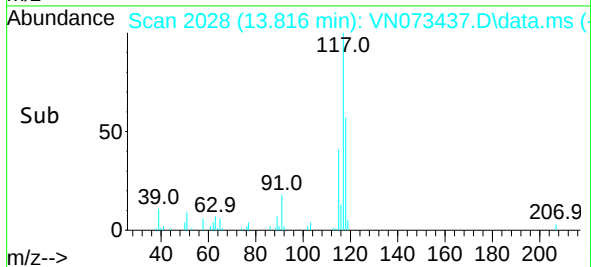
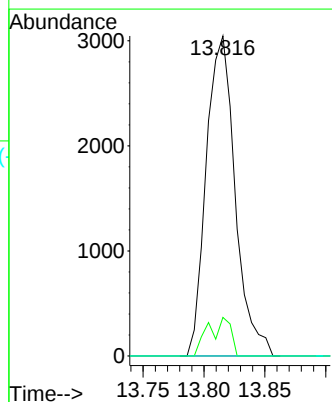
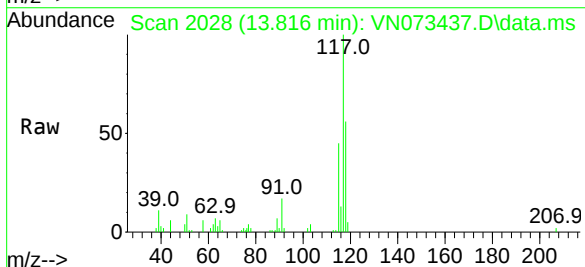
Instrument :
MSVOA_N
ClientSampleId :
GWOW-BR-03-82-102-070622

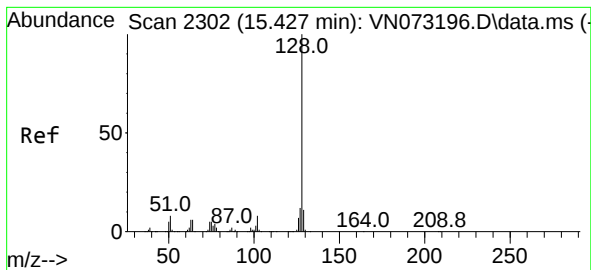
Tgt Ion: 75 Resp: 111593
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#



#89
n-Butylbenzene
Concen: 0.435 ug/l
RT: 13.816 min Scan# 2028
Delta R.T. -0.065 min
Lab File: VN073437.D
Acq: 12 Jul 2022 15:22

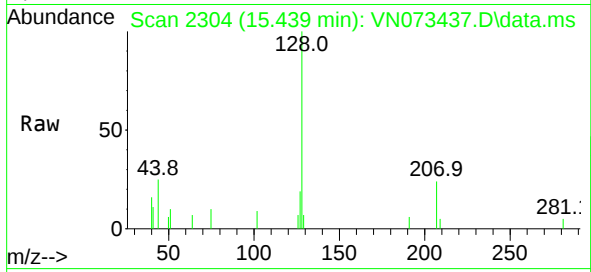
Tgt Ion: 91 Resp: 5029
Ion Ratio Lower Upper
91 100
92 9.4 26.9 80.7#
134 0.0 13.6 40.8#





#95
Naphthalene
Concen: 0.496 ug/l
RT: 15.439 min Scan# 21
Delta R.T. 0.012 min
Lab File: VN073437.D
Acq: 12 Jul 2022 15:22

Instrument :
MSVOA_N
ClientSampleId :
GWOW-BR-03-82-102-070622



Tgt Ion:128 Resp: 7744
Ion Ratio Lower Upper
128 100
127 14.1 10.3 15.5
129 8.3 8.6 13.0#

