

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090922\
 Data File : VN074389.D
 Acq On : 09 Sep 2022 21:47
 Operator : JC\MD
 Sample : N4471-13
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-12B-45-50-083122

Quant Time: Sep 10 07:27:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N090922W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 10 06:10:29 2022
 Response via : Initial Calibration

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

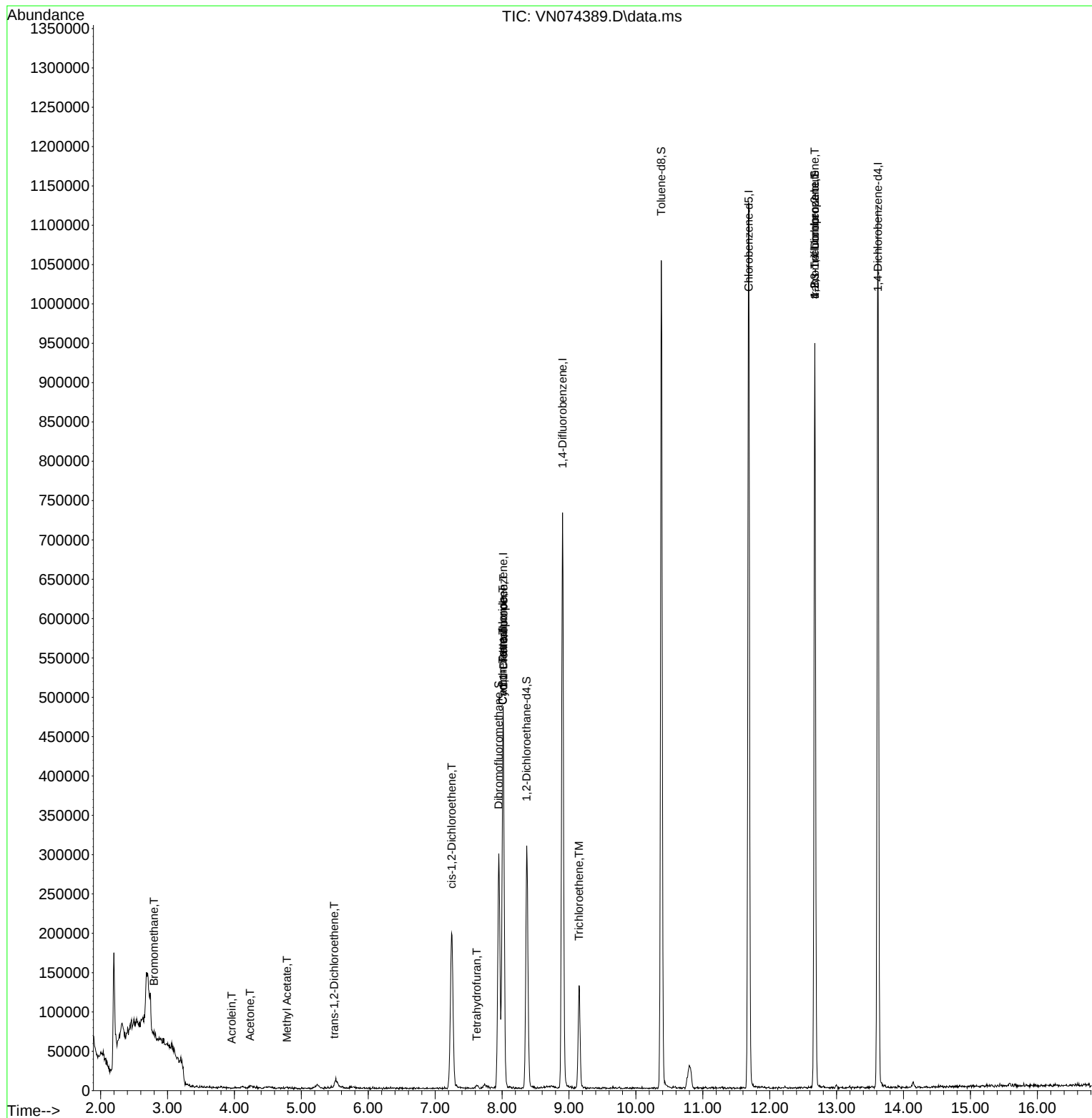
Internal Standards						
1) Pentafluorobenzene	8.016	168	335710	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	592331	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	586777	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	264713	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	240354	41.381	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	82.760%
35) Dibromofluoromethane	7.951	113	196268	49.082	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.160%
50) Toluene-d8	10.380	98	674722	43.304	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	86.600%
62) 4-Bromofluorobenzene	12.674	95	277024	48.970	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.940%
Target Compounds						
					Qvalue	
3) Chloromethane	2.263	50	1398	Below Cal		94
5) Bromomethane	2.798	94	1286	0.253 ug/l #		17
6) Chloroethane	2.740	64	10879	Below Cal #		64
13) Acrolein	3.957	56	231	0.229 ug/l #		15
16) Acetone	4.234	43	2311	0.737 ug/l		92
18) Methyl Acetate	4.787	43	2796	0.302 ug/l #		62
20) Methylene Chloride	5.204	84	168	Below Cal #		3
21) trans-1,2-Dichloroethene	5.492	96	2027	0.432 ug/l #		35
27) cis-1,2-Dichloroethene	7.245	96	104163	18.030 ug/l		91
28) Bromochloromethane	7.816	49	75	Below Cal #		20
29) Tetrahydrofuran	7.622	42	2563	0.737 ug/l		92
31) Cyclohexane	8.010	56	9606	1.040 ug/l #		43
36) 1,1-Dichloropropene	8.022	75	31633	4.802 ug/l #		46
38) Carbon Tetrachloride	8.010	117	35496	5.219 ug/l #		15
44) Trichloroethene	9.151	130	40196	8.889 ug/l		93
74) N-amyl acetate	12.345	43	131	Below Cal #		45
76) 1,2,3-Trichloropropane	12.674	75	169588	24.507 ug/l #		1
81) trans-1,4-Dichloro-2-b...	12.674	75	169588	54.625 ug/l #		9
92) 1,2-Dibromo-3-Chloropr...	14.509	75	63	Below Cal #		8

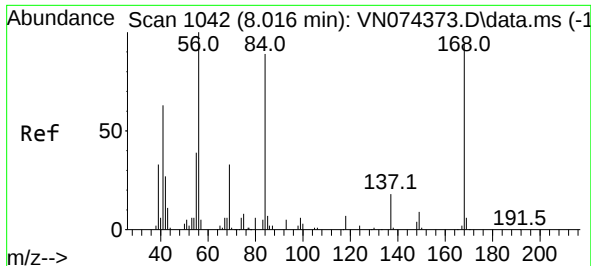
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090922\
Data File : VN074389.D
Acq On : 09 Sep 2022 21:47
Operator : JC\MD
Sample : N4471-13
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-12B-45-50-083122

Quant Time: Sep 10 07:27:28 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N090922W.M
Quant Title : SW846 8260
QLast Update : Sat Sep 10 06:10:29 2022
Response via : Initial Calibration

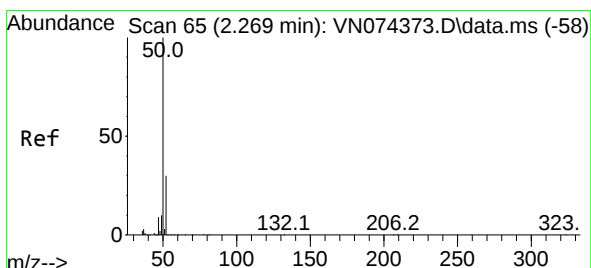
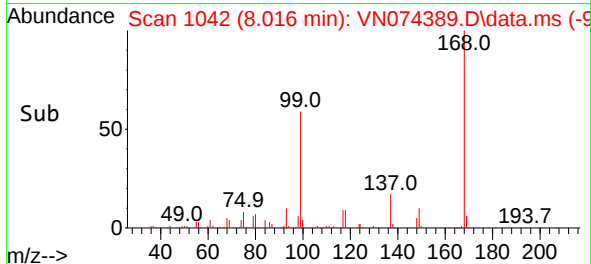
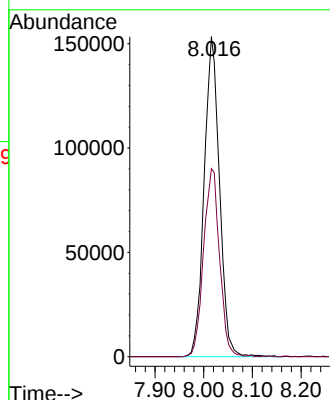
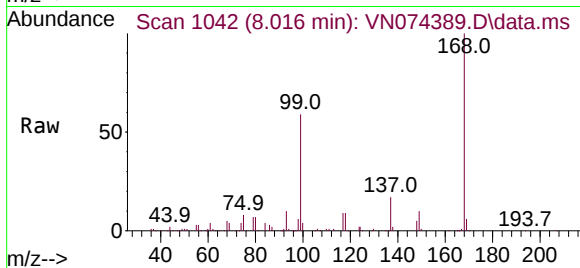




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN074389.D
Acq: 09 Sep 2022 21:47

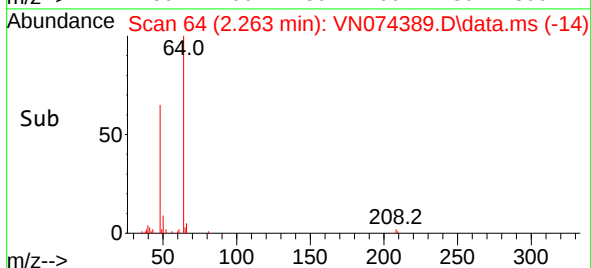
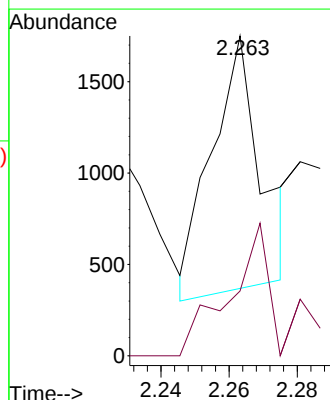
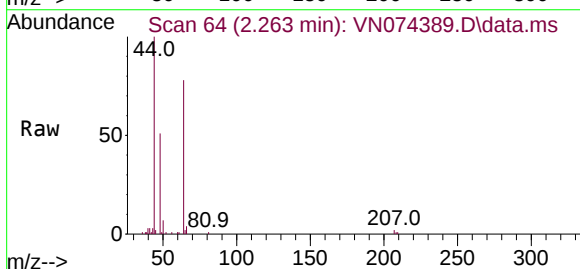
Instrument :
MSVOA_N
ClientSampleId :
MW-12B-45-50-083122

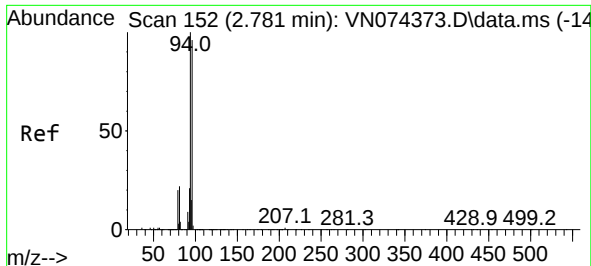
Tgt Ion:168 Resp: 335710
Ion Ratio Lower Upper
168 100
99 58.7 52.8 79.2



#3
Chloromethane
Concen: Below Cal
RT: 2.263 min Scan# 64
Delta R.T. -0.006 min
Lab File: VN074389.D
Acq: 09 Sep 2022 21:47

Tgt Ion: 50 Resp: 1398
Ion Ratio Lower Upper
50 100
52 27.1 24.1 36.1

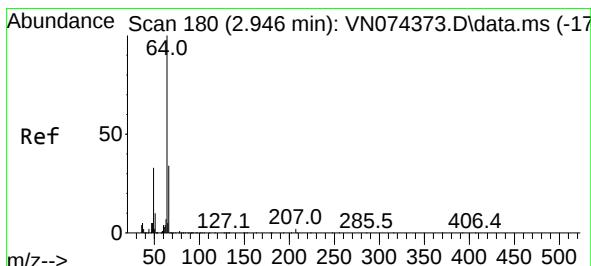
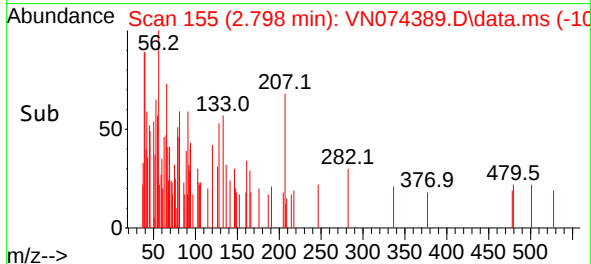
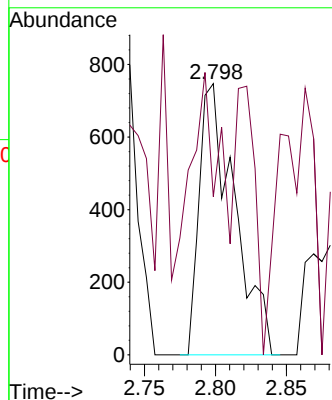
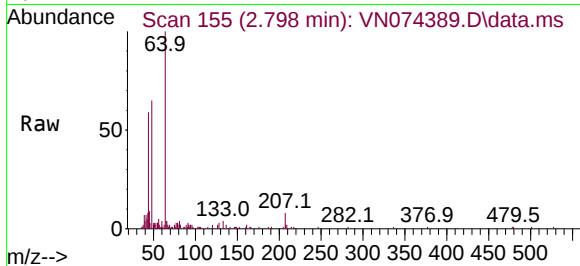




#5
Bromomethane
Concen: 0.253 ug/l
RT: 2.798 min Scan# 11
Delta R.T. 0.017 min
Lab File: VN074389.D
Acq: 09 Sep 2022 21:47

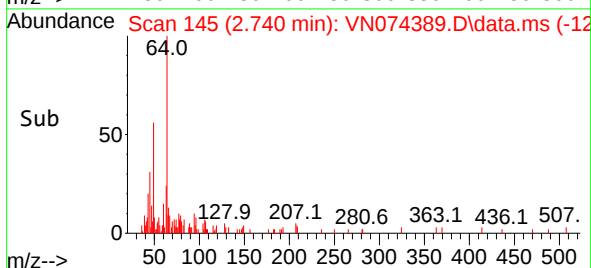
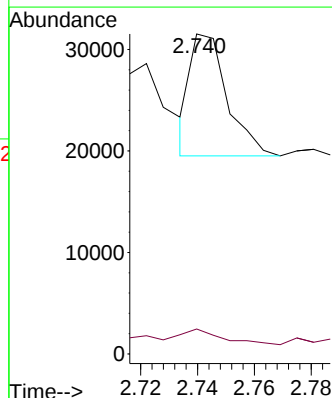
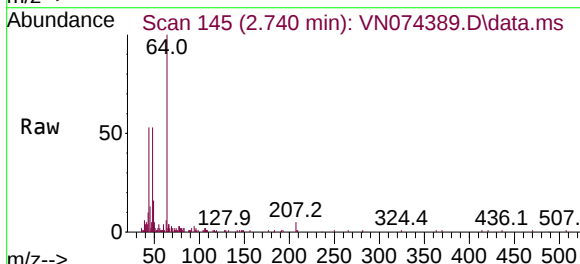
Instrument :
MSVOA_N
ClientSampleId :
MW-12B-45-50-083122

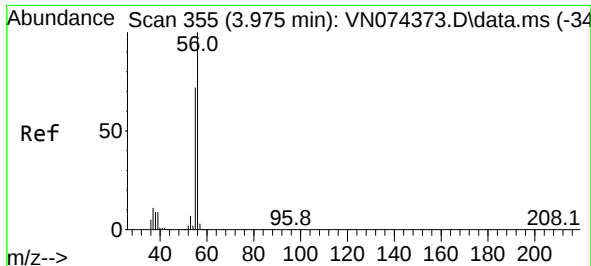
Tgt Ion: 94 Resp: 1286
Ion Ratio Lower Upper
94 100
96 15.3 76.7 115.1#



#6
Chloroethane
Concen: Below Cal
RT: 2.740 min Scan# 145
Delta R.T. -0.206 min
Lab File: VN074389.D
Acq: 09 Sep 2022 21:47

Tgt Ion: 64 Resp: 10879
Ion Ratio Lower Upper
64 100
66 12.8 26.5 39.7#

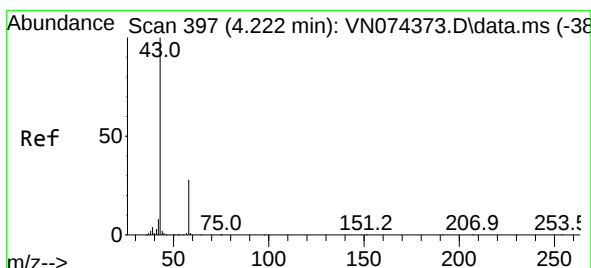
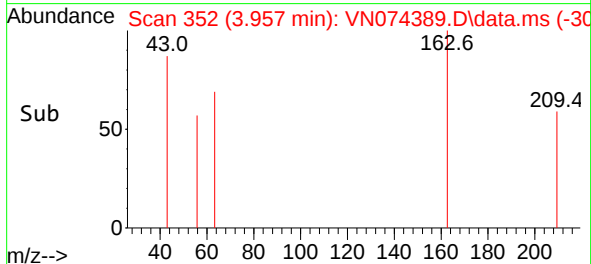
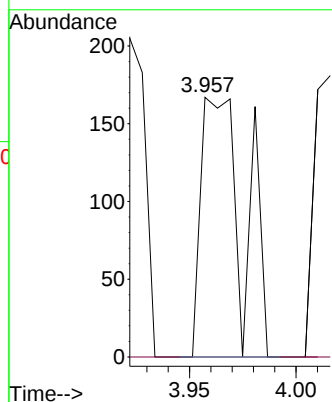
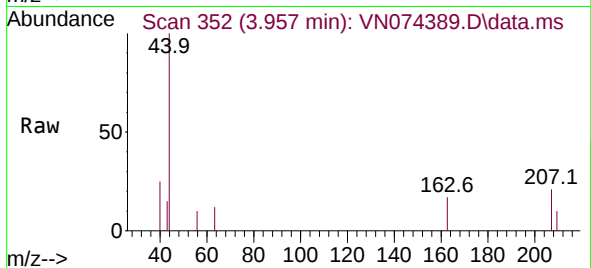




#13
Acrolein
Concen: 0.229 ug/l
RT: 3.957 min Scan# 311
Delta R.T. -0.018 min
Lab File: VN074389.D
Acq: 09 Sep 2022 21:47

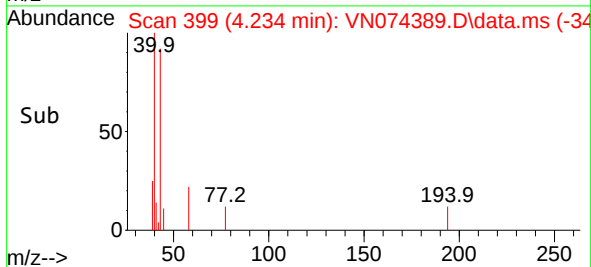
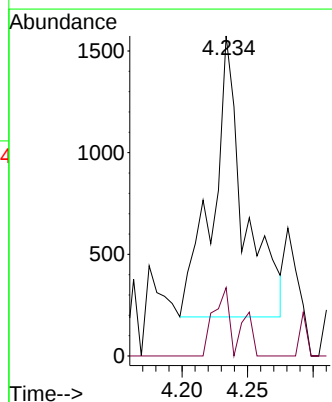
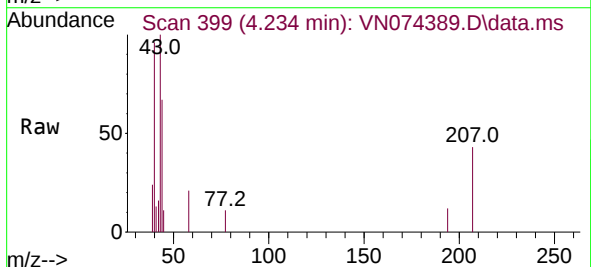
Instrument :
MSVOA_N
ClientSampleId :
MW-12B-45-50-083122

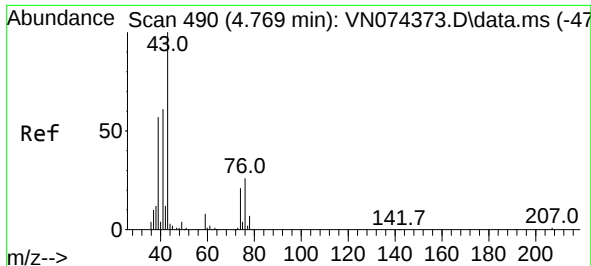
Tgt Ion: 56 Resp: 231
Ion Ratio Lower Upper
56 100
55 0.0 56.2 84.4#



#16
Acetone
Concen: 0.737 ug/l
RT: 4.234 min Scan# 399
Delta R.T. 0.012 min
Lab File: VN074389.D
Acq: 09 Sep 2022 21:47

Tgt Ion: 43 Resp: 2311
Ion Ratio Lower Upper
43 100
58 24.3 22.7 34.1

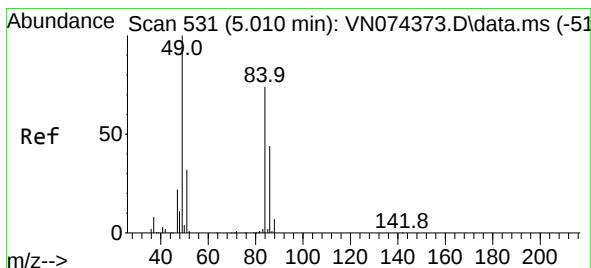
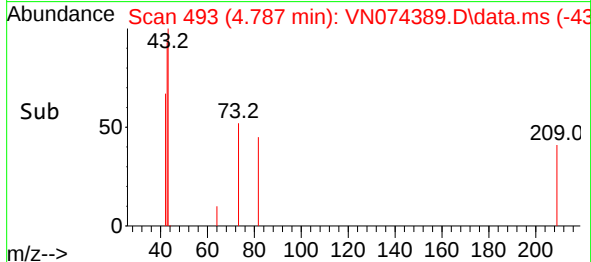
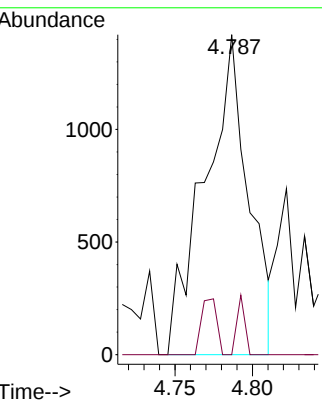
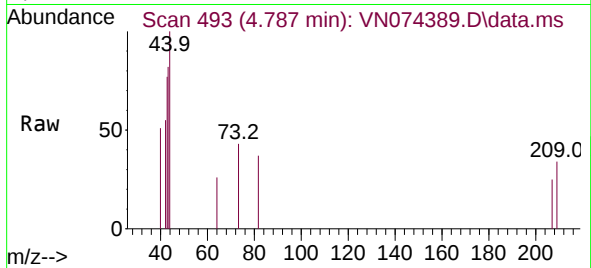




#18
Methyl Acetate
Concen: 0.302 ug/l
RT: 4.787 min Scan# 491
Delta R.T. 0.018 min
Lab File: VN074389.D
Acq: 09 Sep 2022 21:47

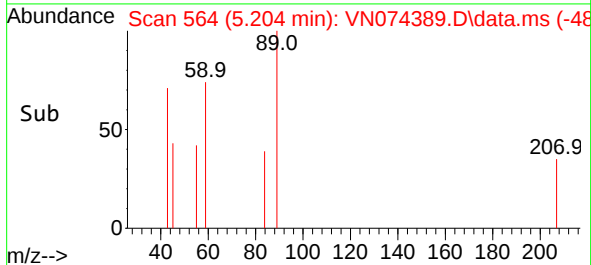
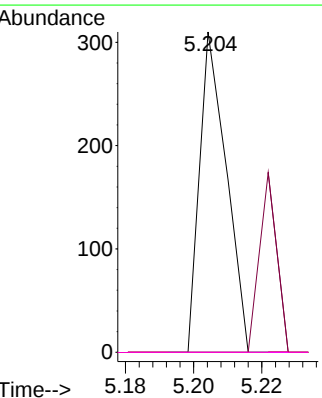
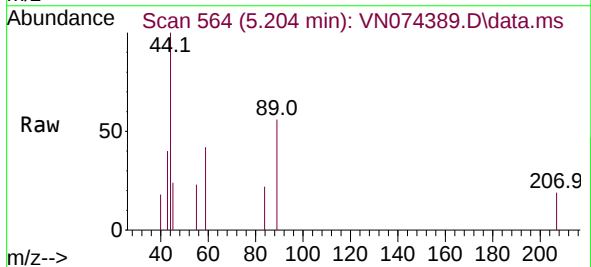
Instrument :
MSVOA_N
ClientSampleId :
MW-12B-45-50-083122

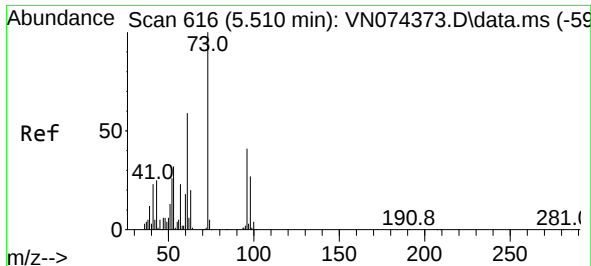
Tgt Ion: 43 Resp: 2796
Ion Ratio Lower Upper
43 100
74 3.3 16.7 25.1#



#20
Methylene Chloride
Concen: Below Cal
RT: 5.204 min Scan# 564
Delta R.T. 0.194 min
Lab File: VN074389.D
Acq: 09 Sep 2022 21:47

Tgt Ion: 84 Resp: 168
Ion Ratio Lower Upper
84 100
49 0.0 108.2 162.4#
51 0.0 34.3 51.5#
86 0.0 48.2 72.2#

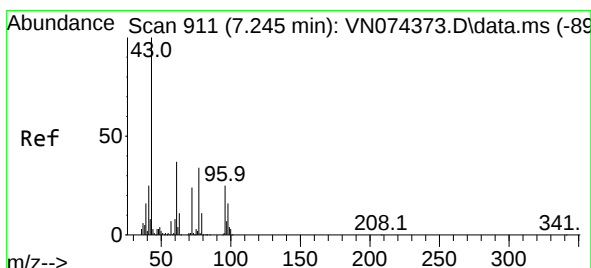
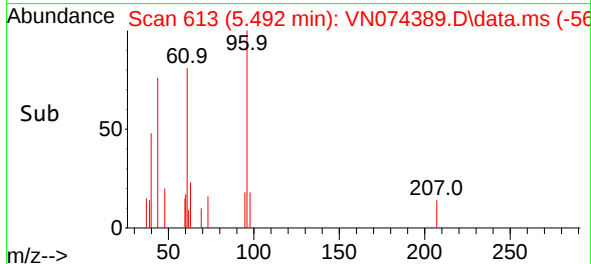
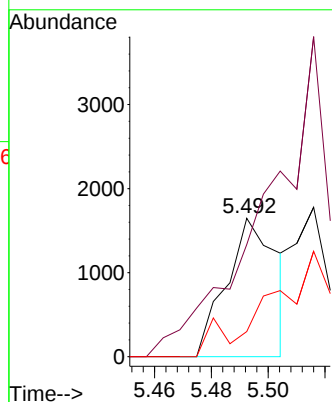
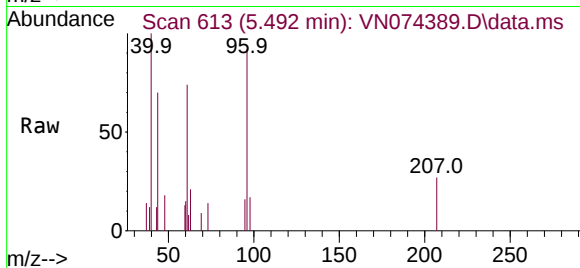




#21
trans-1,2-Dichloroethene
Concen: 0.432 ug/l
RT: 5.492 min Scan# 61
Delta R.T. -0.018 min
Lab File: VN074389.D
Acq: 09 Sep 2022 21:47

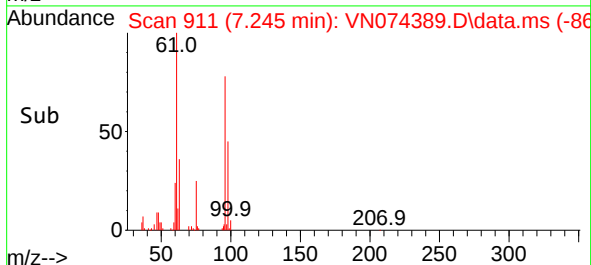
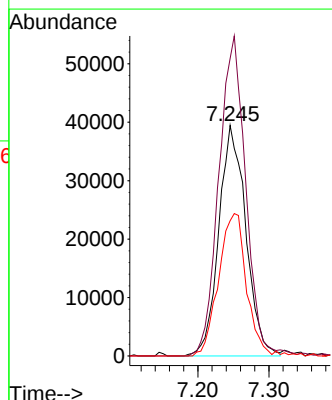
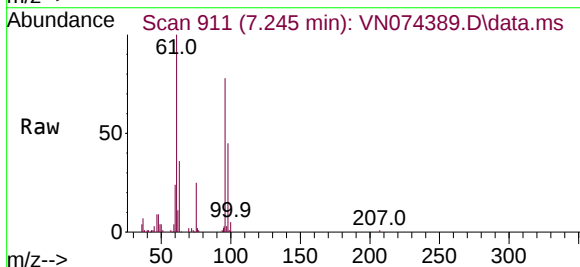
Instrument :
MSVOA_N
ClientSampleId :
MW-12B-45-50-083122

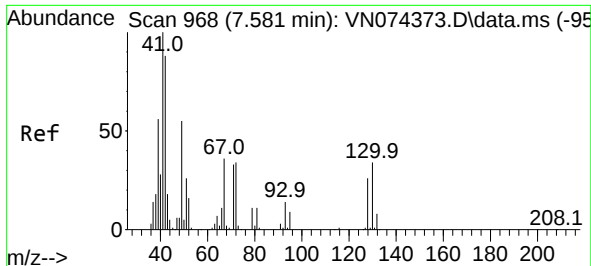
Tgt Ion: 96 Resp: 2027
Ion Ratio Lower Upper
96 100
61 61.5 115.3 172.9#
98 18.1 53.4 80.0#



#27
cis-1,2-Dichloroethene
Concen: 18.030 ug/l
RT: 7.245 min Scan# 911
Delta R.T. -0.000 min
Lab File: VN074389.D
Acq: 09 Sep 2022 21:47

Tgt Ion: 96 Resp: 104163
Ion Ratio Lower Upper
96 100
61 137.8 0.0 306.2
98 64.2 0.0 129.8

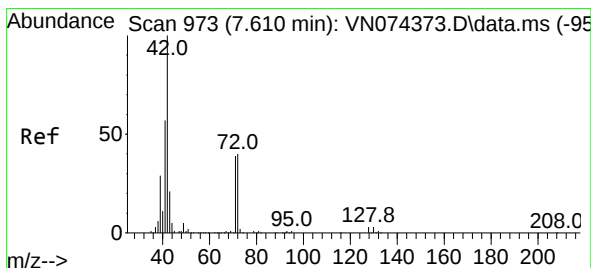
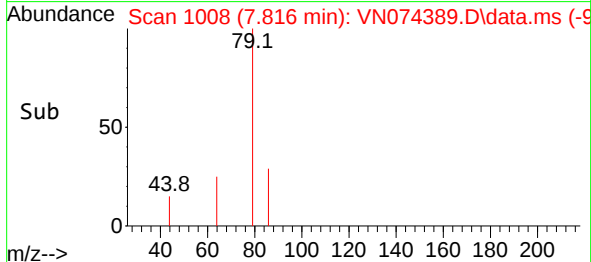
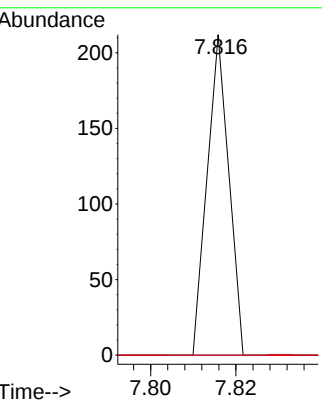
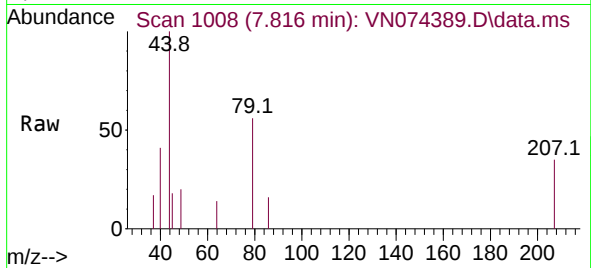




#28
Bromochloromethane
Concen: Below Cal
RT: 7.816 min Scan# 1008
Delta R.T. 0.235 min
Lab File: VN074389.D
Acq: 09 Sep 2022 21:47

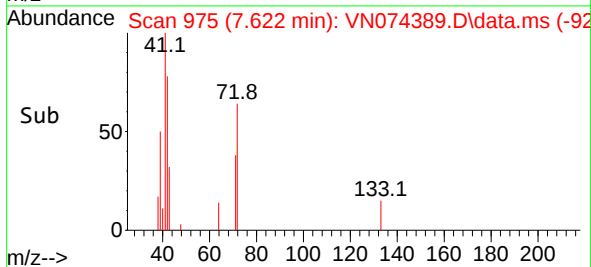
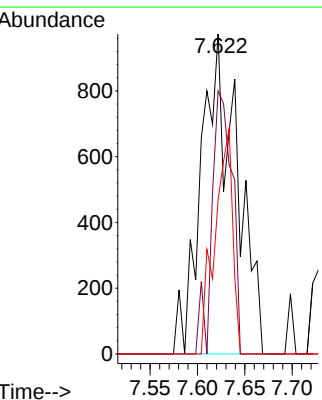
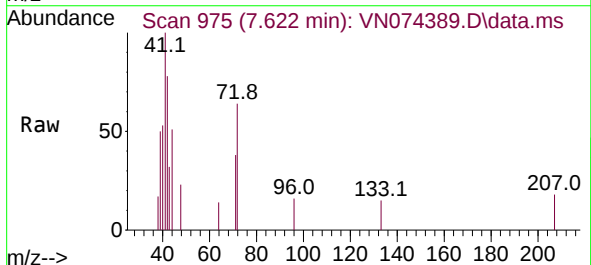
Instrument :
MSVOA_N
ClientSampleId :
MW-12B-45-50-083122

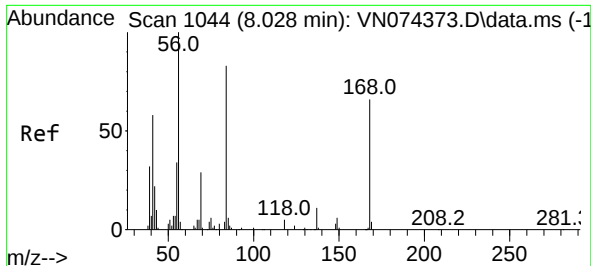
Tgt Ion: 49 Resp: 75
Ion Ratio Lower Upper
49 100
129 0.0 0.0 2.2
130 0.0 50.0 75.0#



#29
Tetrahydrofuran
Concen: 0.737 ug/l
RT: 7.622 min Scan# 975
Delta R.T. 0.012 min
Lab File: VN074389.D
Acq: 09 Sep 2022 21:47

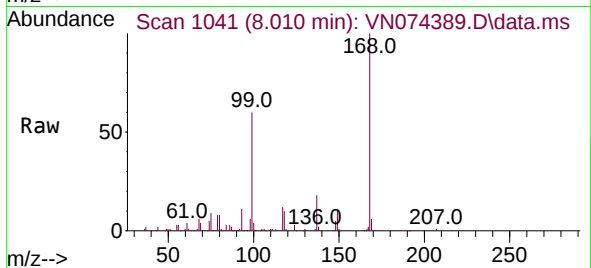
Tgt Ion: 42 Resp: 2563
Ion Ratio Lower Upper
42 100
72 46.5 32.7 49.1
71 34.7 31.0 46.6



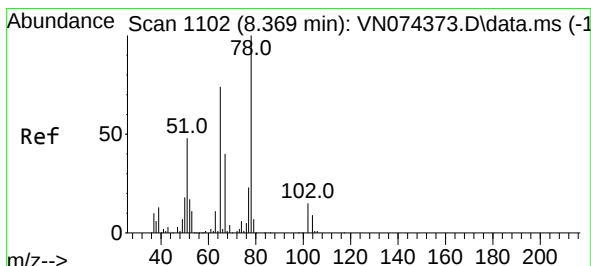
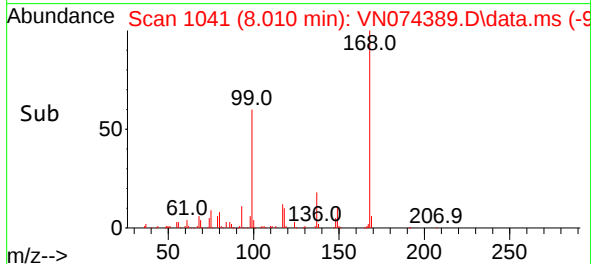
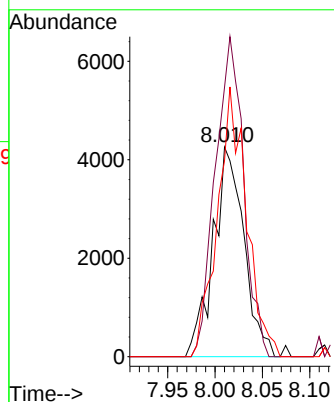


#31
Cyclohexane
Concen: 1.040 ug/l
RT: 8.010 min Scan# 1044
Delta R.T. -0.018 min
Lab File: VN074389.D
Acq: 09 Sep 2022 21:47

Instrument :
MSVOA_N
ClientSampleId :
MW-12B-45-50-083122

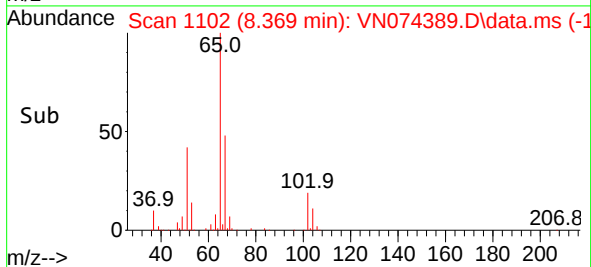
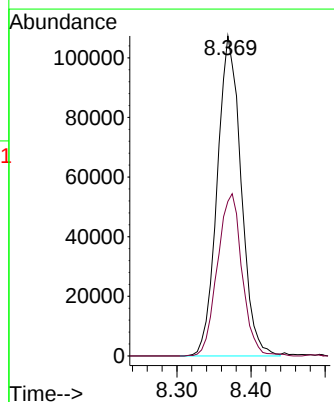
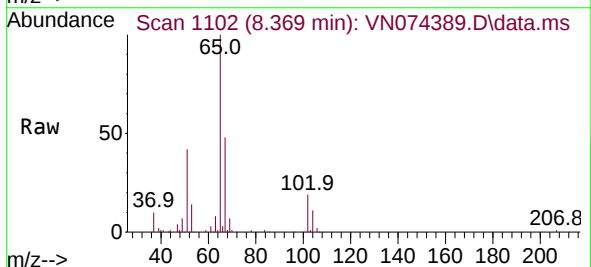


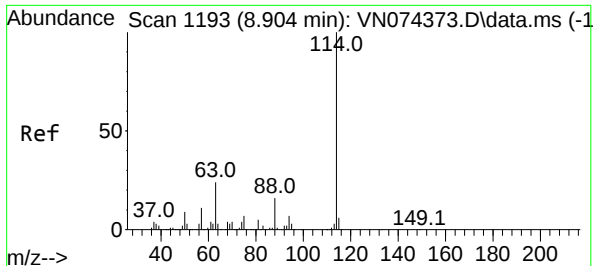
Tgt Ion: 56 Resp: 9606
Ion Ratio Lower Upper
56 100
69 128.5 23.0 34.4#
84 93.5 66.3 99.5



#33
1,2-Dichloroethane-d4
Concen: 41.381 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN074389.D
Acq: 09 Sep 2022 21:47

Tgt Ion: 65 Resp: 240354
Ion Ratio Lower Upper
65 100
67 52.3 0.0 102.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. -0.000 min

Lab File: VN074389.D

Acq: 09 Sep 2022 21:47

Instrument :

MSVOA_N

ClientSampleId :

MW-12B-45-50-083122

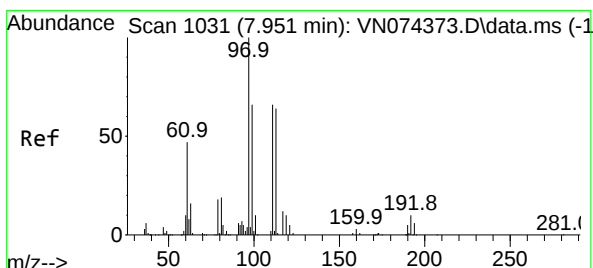
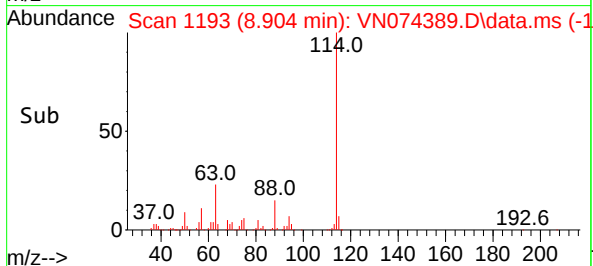
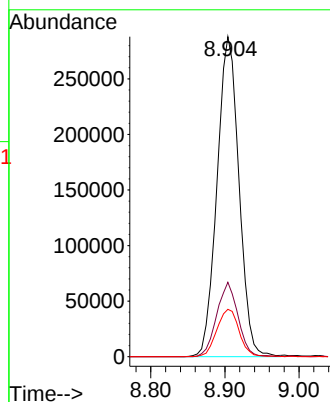
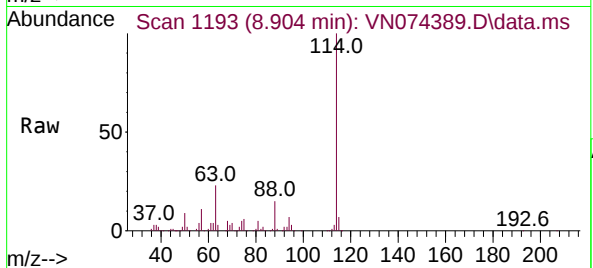
Tgt Ion:114 Resp: 592331

Ion Ratio Lower Upper

114 100

63 23.1 0.0 47.6

88 14.8 0.0 31.4



#35

Dibromofluoromethane

Concen: 49.082 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. -0.000 min

Lab File: VN074389.D

Acq: 09 Sep 2022 21:47

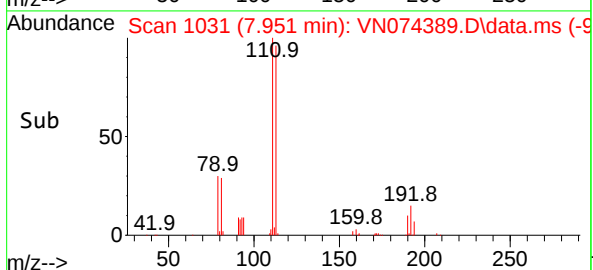
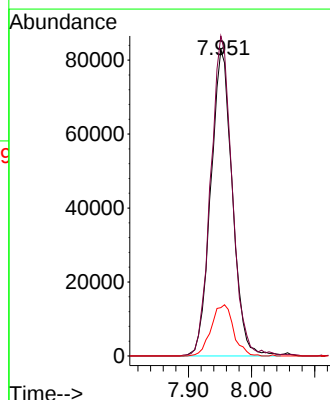
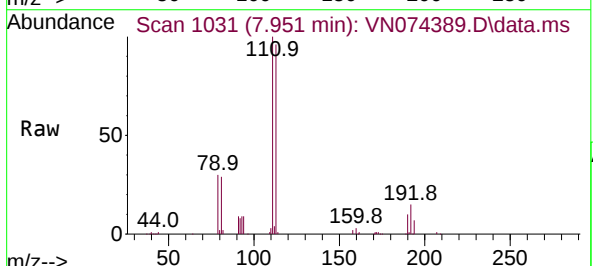
Tgt Ion:113 Resp: 196268

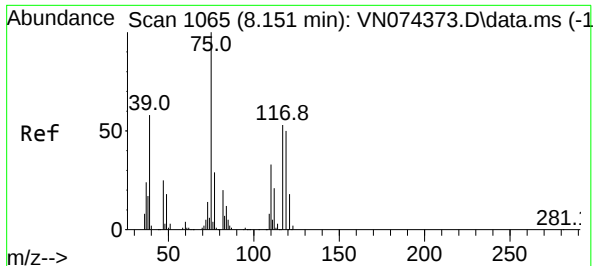
Ion Ratio Lower Upper

113 100

111 104.8 83.0 124.4

192 17.3 13.7 20.5





#36

1,1-Dichloropropene

Concen: 4.802 ug/l

RT: 8.022 min Scan# 1

Delta R.T. -0.129 min

Lab File: VN074389.D

Acq: 09 Sep 2022 21:47

Instrument :

MSVOA_N

ClientSampleId :

MW-12B-45-50-083122

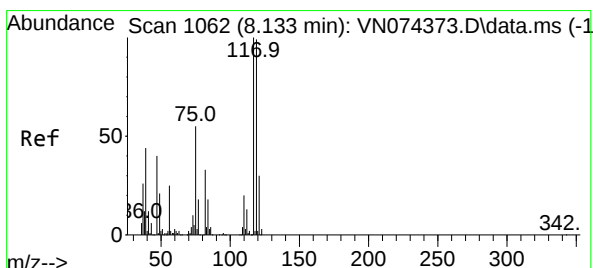
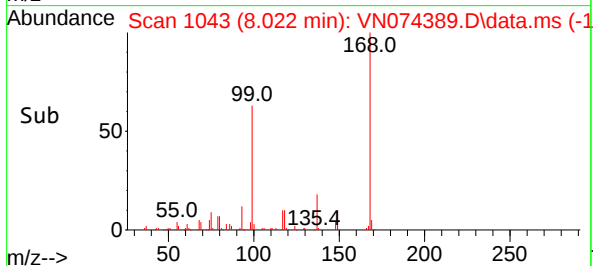
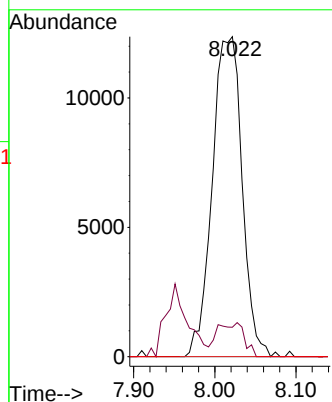
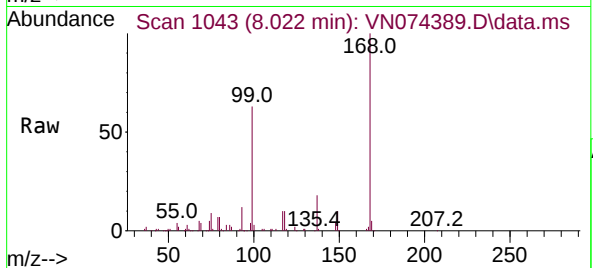
Tgt Ion: 75 Resp: 31633

Ion Ratio Lower Upper

75 100

110 3.9 16.4 49.1#

77 0.0 25.4 38.2#



#38

Carbon Tetrachloride

Concen: 5.219 ug/l

RT: 8.010 min Scan# 1041

Delta R.T. -0.124 min

Lab File: VN074389.D

Acq: 09 Sep 2022 21:47

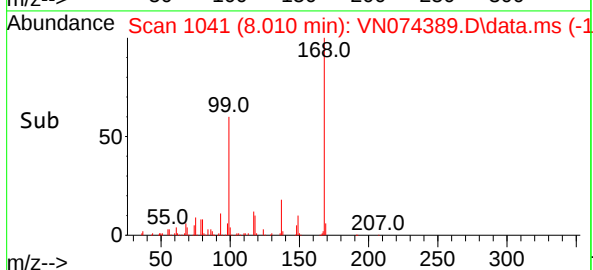
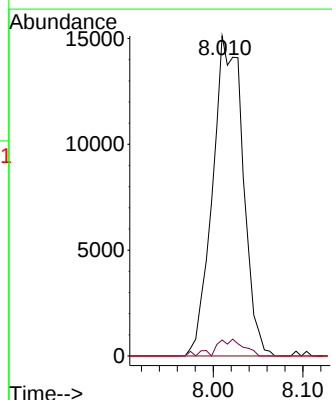
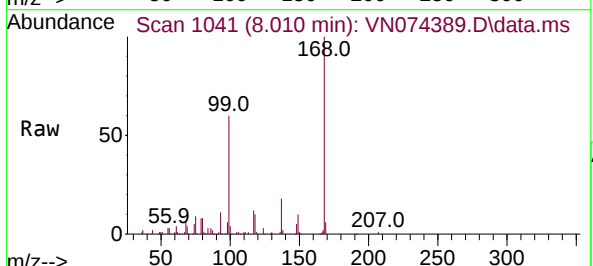
Tgt Ion: 117 Resp: 35496

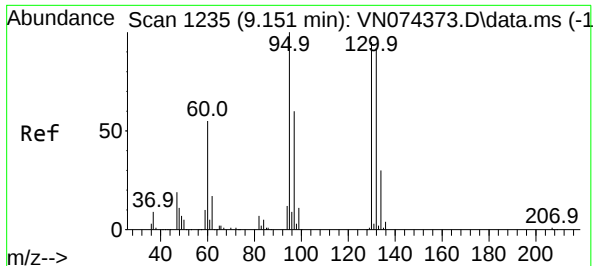
Ion Ratio Lower Upper

117 100

119 5.0 78.8 118.2#

121 0.0 24.1 36.1#

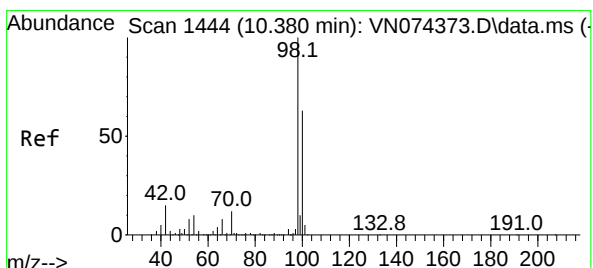
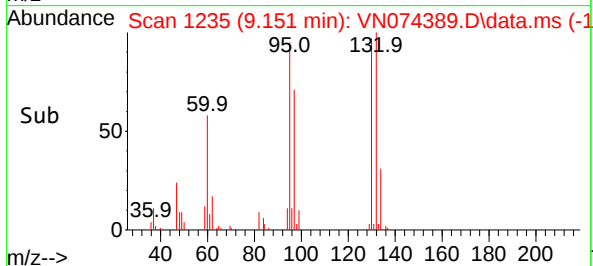
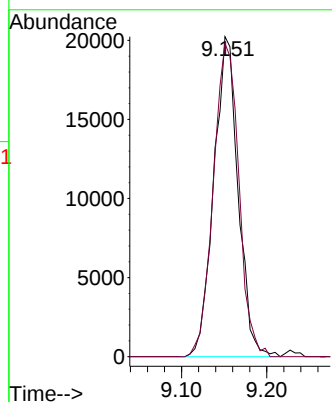
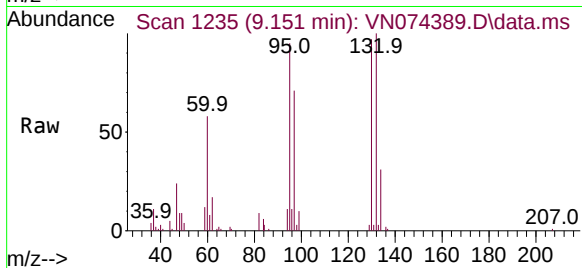




#44
Trichloroethene
Concen: 8.889 ug/l
RT: 9.151 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN074389.D
Acq: 09 Sep 2022 21:47

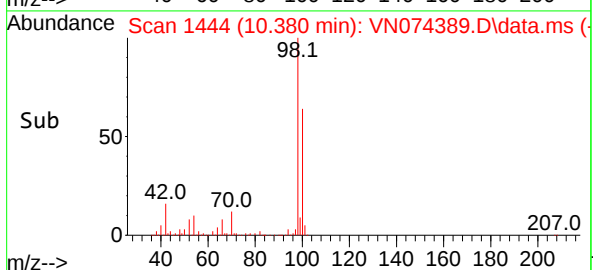
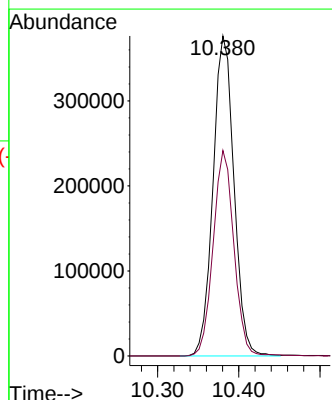
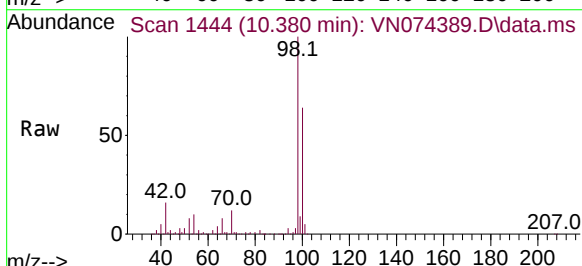
Instrument :
MSVOA_N
ClientSampleId :
MW-12B-45-50-083122

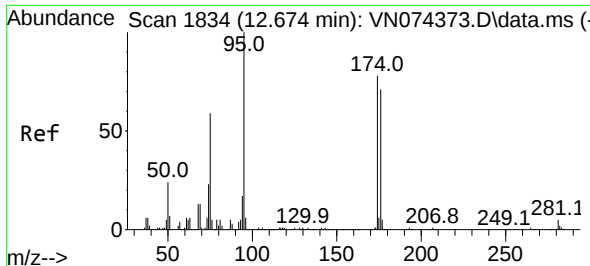
Tgt Ion:130 Resp: 40196
Ion Ratio Lower Upper
130 100
95 97.9 0.0 210.0



#50
Toluene-d8
Concen: 43.304 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN074389.D
Acq: 09 Sep 2022 21:47

Tgt Ion: 98 Resp: 674722
Ion Ratio Lower Upper
98 100
100 63.7 50.6 76.0

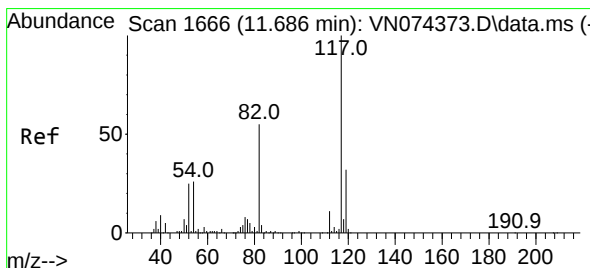
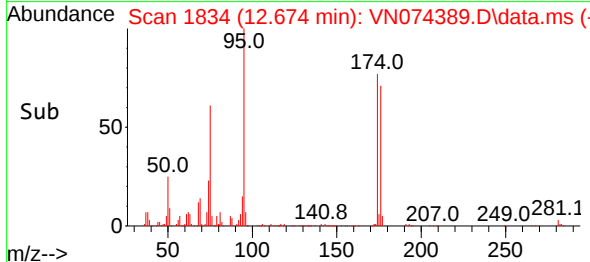
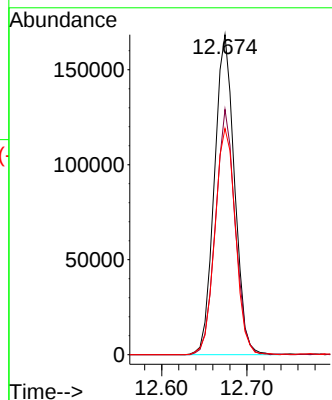
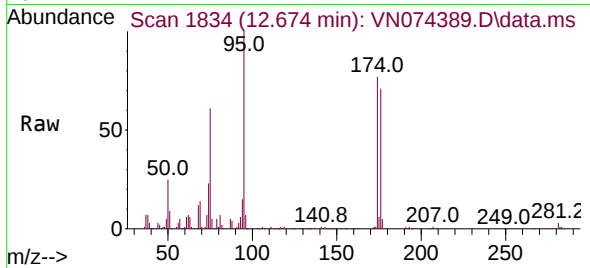




#62
4-Bromofluorobenzene
Concen: 48.970 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN074389.D
Acq: 09 Sep 2022 21:47

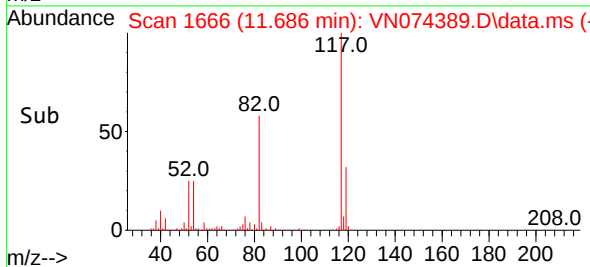
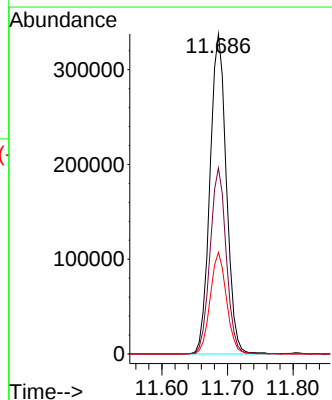
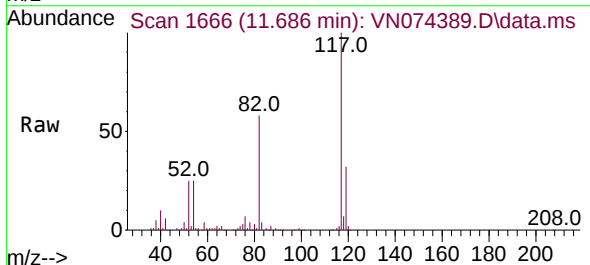
Instrument :
MSVOA_N
ClientSampleId :
MW-12B-45-50-083122

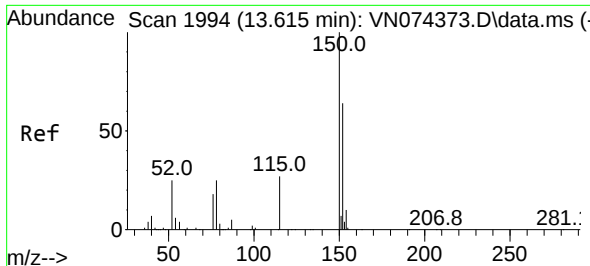
Tgt Ion: 95 Resp: 277024
Ion Ratio Lower Upper
95 100
174 74.7 0.0 150.6
176 72.4 0.0 143.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. -0.000 min
Lab File: VN074389.D
Acq: 09 Sep 2022 21:47

Tgt Ion: 117 Resp: 586777
Ion Ratio Lower Upper
117 100
82 58.1 44.3 66.5
119 31.7 25.5 38.3



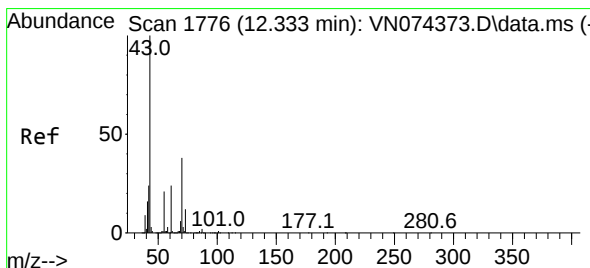
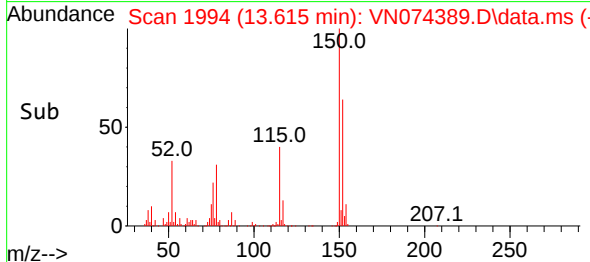
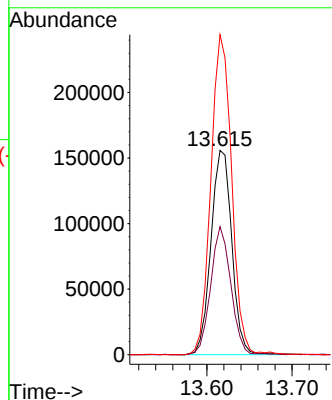
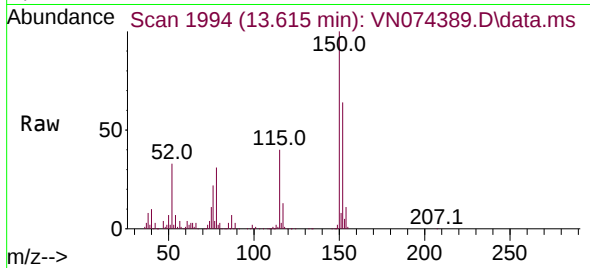


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.615 min Scan# 1994
 Delta R.T. 0.000 min
 Lab File: VN074389.D
 Acq: 09 Sep 2022 21:47

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-12B-45-50-083122

Tgt Ion:152 Resp: 264713

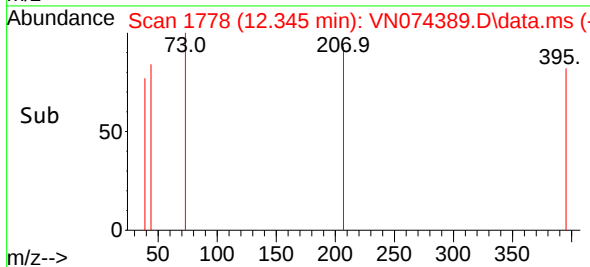
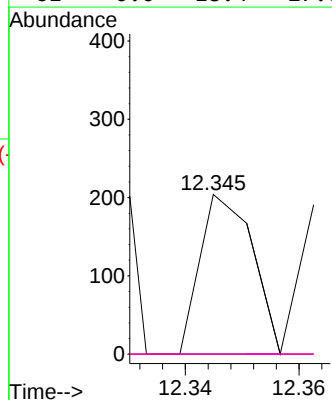
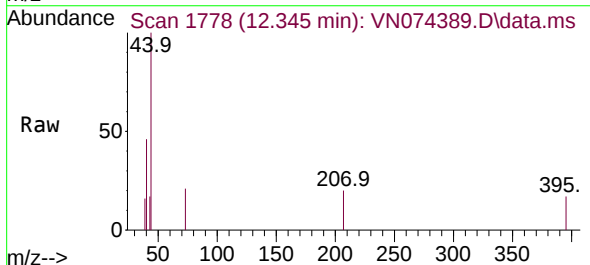
Ion	Ratio	Lower	Upper
152	100		
115	60.6	32.0	96.0
150	156.2	0.0	359.6

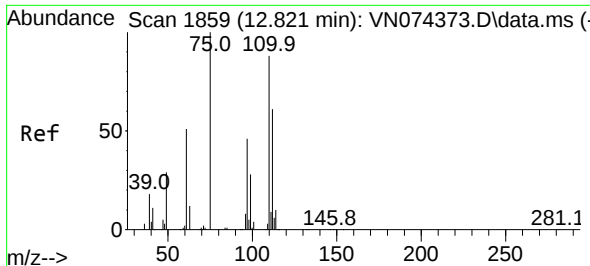


#74
 N-ethyl acetate
 Concen: Below Cal
 RT: 12.345 min Scan# 1778
 Delta R.T. 0.012 min
 Lab File: VN074389.D
 Acq: 09 Sep 2022 21:47

Tgt Ion: 43 Resp: 131

Ion	Ratio	Lower	Upper
43	100		
70	0.0	31.4	47.0#
55	0.0	17.0	25.6#
61	0.0	18.4	27.6#

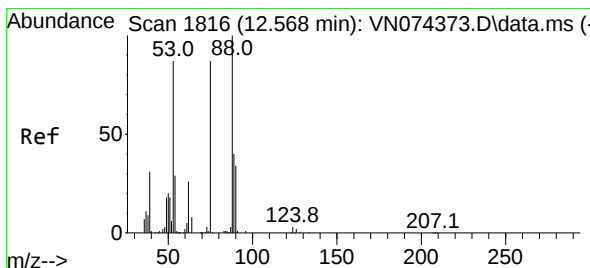
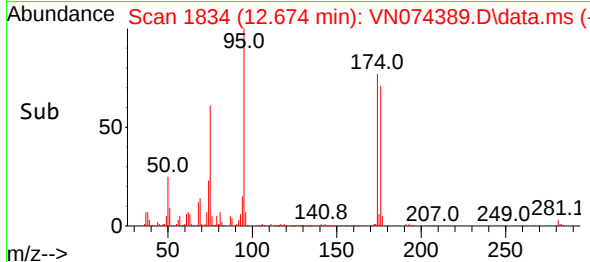
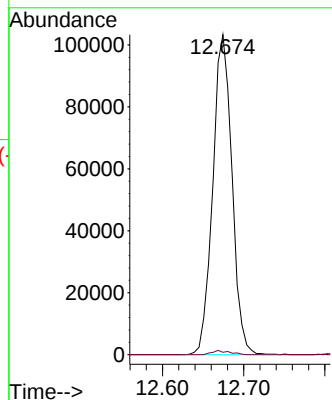
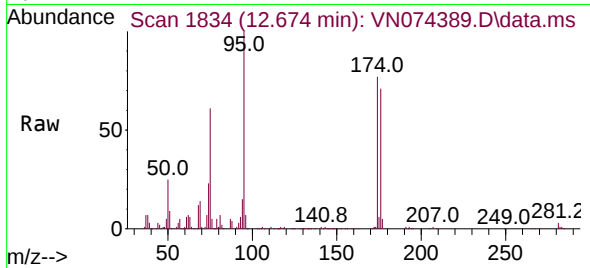




#76
1,2,3-Trichloropropane
Concen: 24.507 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. -0.147 min
Lab File: VN074389.D
Acq: 09 Sep 2022 21:47

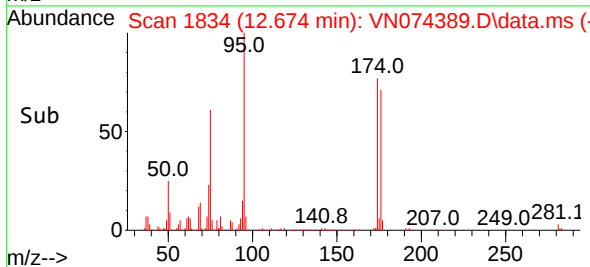
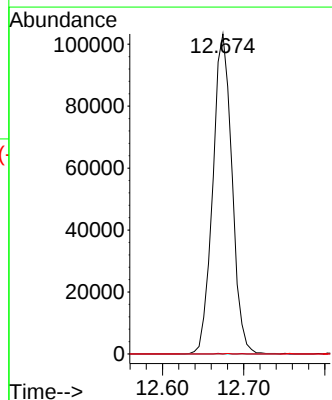
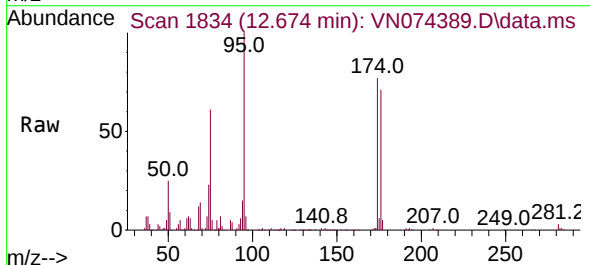
Instrument :
MSVOA_N
ClientSampleId :
MW-12B-45-50-083122

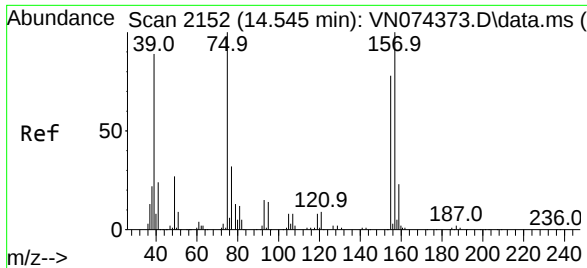
Tgt Ion: 75 Resp: 169588
Ion Ratio Lower Upper
75 100
77 1.2 78.9 236.7#



#81
trans-1,4-Dichloro-2-butene
Concen: 54.625 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.106 min
Lab File: VN074389.D
Acq: 09 Sep 2022 21:47

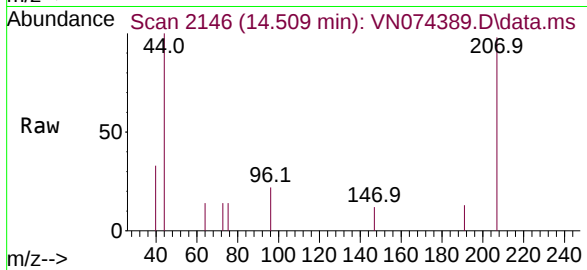
Tgt Ion: 75 Resp: 169588
Ion Ratio Lower Upper
75 100
53 0.1 82.2 123.2#
89 0.0 37.7 56.5#





#92
 1,2-Dibromo-3-Chloropropane
 Concen: Below Cal
 RT: 14.509 min Scan# 21
 Delta R.T. -0.036 min
 Lab File: VN074389.D
 Acq: 09 Sep 2022 21:47

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-12B-45-50-083122



Tgt Ion: 75 Resp: 63
 Ion Ratio Lower Upper
 75 100
 155 0.0 36.6 109.9#
 157 0.0 46.2 138.5#

