

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091322\
 Data File : VN074442.D
 Acq On : 13 Sep 2022 18:55
 Operator : JC\MD
 Sample : N4492-13
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-02-4-14-090122-FD

Quant Time: Sep 14 08:04:28 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)

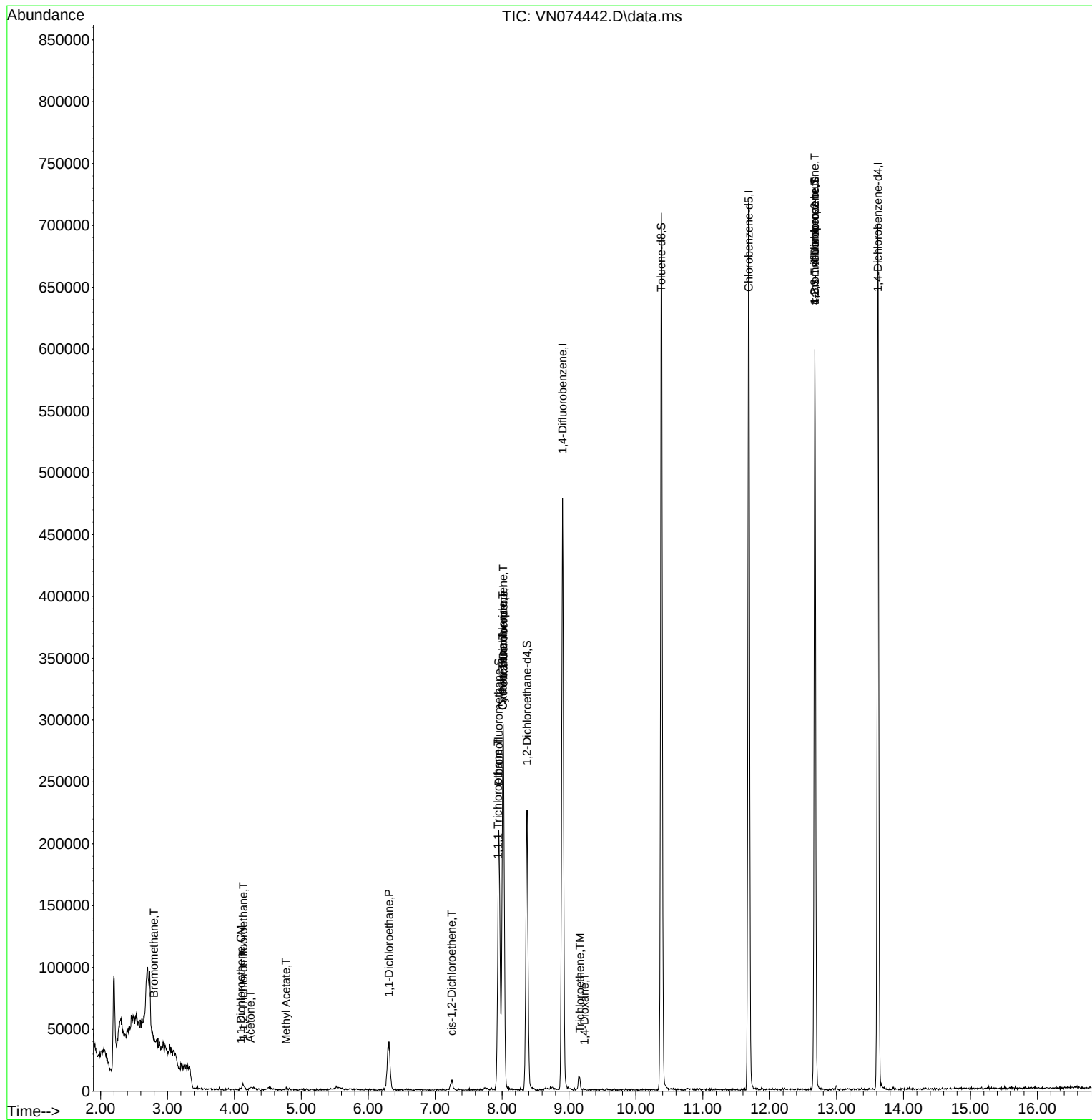
Internal Standards						
1) Pentafluorobenzene	8.022	168	198414	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	366644	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	353241	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	153123	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.375	65	171497	49.958	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.920%		
35) Dibromofluoromethane	7.951	113	135815	54.870	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	109.740%		
50) Toluene-d8	10.380	98	447692	46.419	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	92.840%		
62) 4-Bromofluorobenzene	12.674	95	174866	49.939	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.880%		
Target Compounds						Qvalue
3) Chloromethane	2.263	50	1535	Below Cal	#	89
5) Bromomethane	2.798	94	686	0.229	ug/l #	2
6) Chloroethane	3.028	64	3507	Below Cal	#	42
9) 1,1,2-Trichlorotrifluo...	4.134	101	2048	0.806	ug/l #	79
12) 1,1-Dichloroethene	4.098	96	638	0.258	ug/l #	20
16) Acetone	4.240	43	1986	1.072	ug/l #	87
18) Methyl Acetate	4.769	43	1542	0.282	ug/l #	55
20) Methylene Chloride	4.998	84	79	Below Cal	#	44
24) 1,1-Dichloroethane	6.310	63	51783	9.226	ug/l	93
27) cis-1,2-Dichloroethene	7.245	96	4102	1.201	ug/l	79
28) Bromochloromethane	7.710	49	117	Below Cal	#	20
31) Cyclohexane	8.010	56	7549	1.383	ug/l #	63
32) 1,1,1-Trichloroethane	7.939	97	6944	1.382	ug/l #	51
36) 1,1-Dichloropropene	8.016	75	20255	4.967	ug/l #	49
38) Carbon Tetrachloride	8.010	117	22450	5.333	ug/l #	16
44) Trichloroethene	9.163	130	3896	1.392	ug/l	64
49) 1,4-Dioxane	9.233	88	56	0.623	ug/l #	1
74) N-amyl acetate	12.327	43	58	Below Cal	#	45
76) 1,2,3-Trichloropropane	12.674	75	110778	27.674	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.674	75	110778	61.686	ug/l #	9

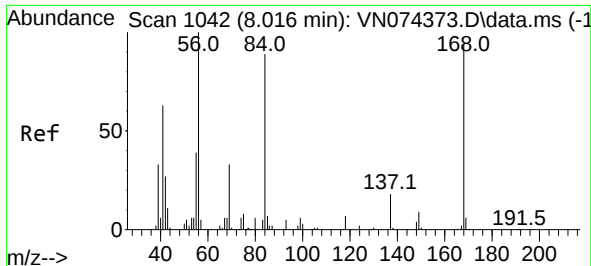
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091322\
Data File : VN074442.D
Acq On : 13 Sep 2022 18:55
Operator : JC\MD
Sample : N4492-13
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-02-4-14-090122-FD

Quant Time: Sep 14 08:04:28 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

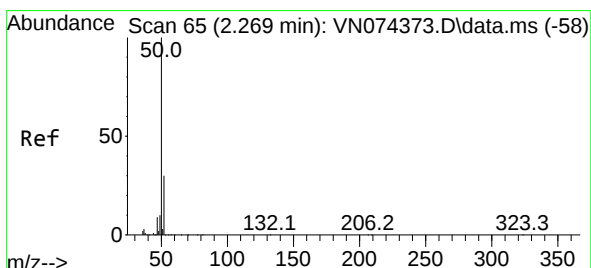
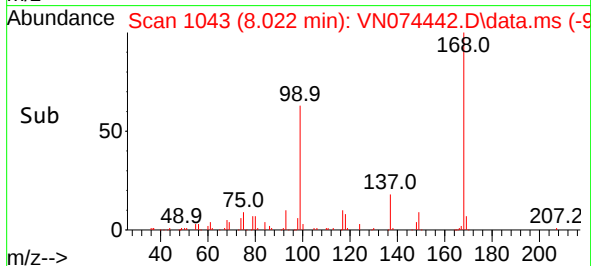
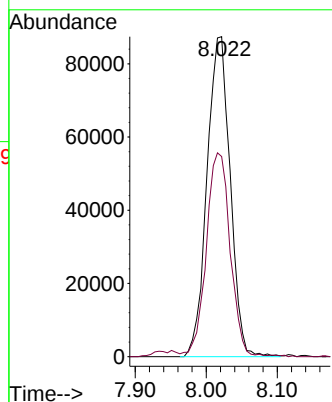
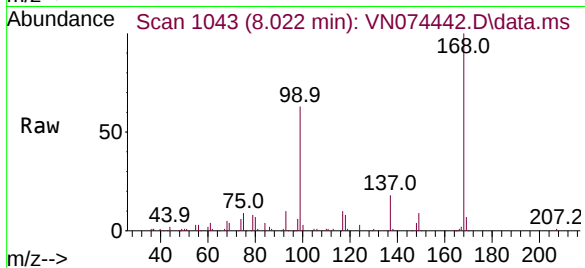




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. 0.006 min
Lab File: VN074442.D
Acq: 13 Sep 2022 18:55

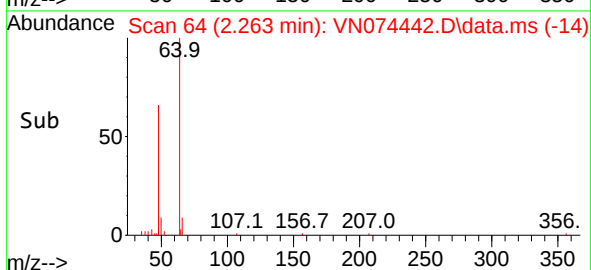
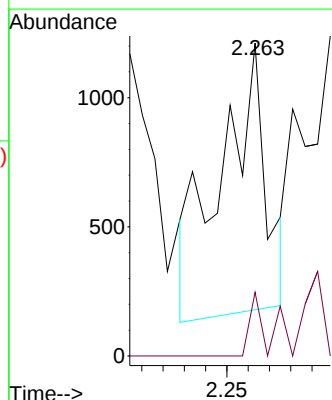
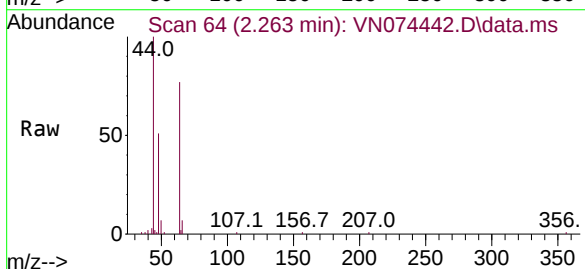
Instrument :
MSVOA_N
ClientSampleId :
MW-02-4-14-090122-FD

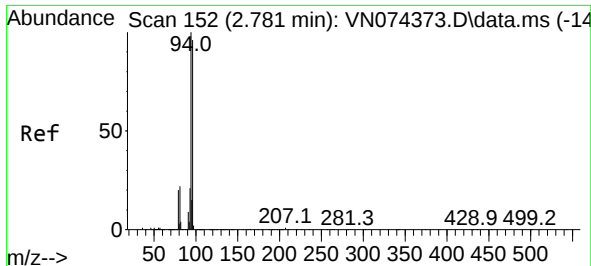
Tgt Ion:168 Resp: 198414
Ion Ratio Lower Upper
168 100
99 62.2 52.8 79.2



#3
Chloromethane
Concen: Below Cal
RT: 2.263 min Scan# 64
Delta R.T. -0.006 min
Lab File: VN074442.D
Acq: 13 Sep 2022 18:55

Tgt Ion: 50 Resp: 1535
Ion Ratio Lower Upper
50 100
52 36.2 24.1 36.1#

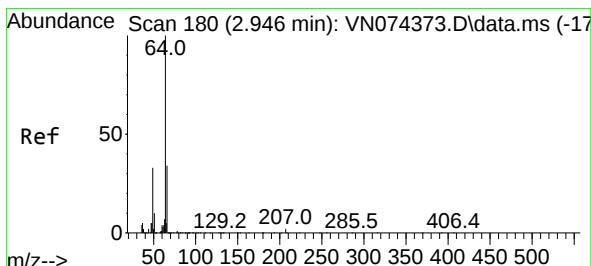
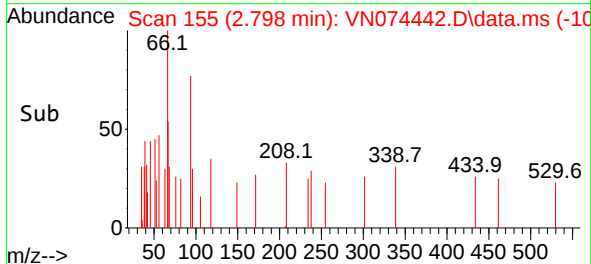
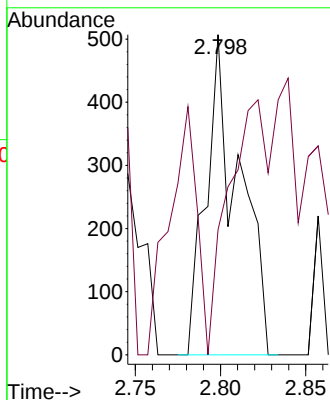
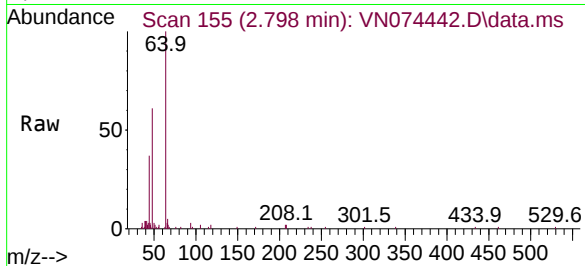




#5
Bromomethane
Concen: 0.229 ug/l
RT: 2.798 min Scan# 11
Delta R.T. 0.017 min
Lab File: VN074442.D
Acq: 13 Sep 2022 18:55

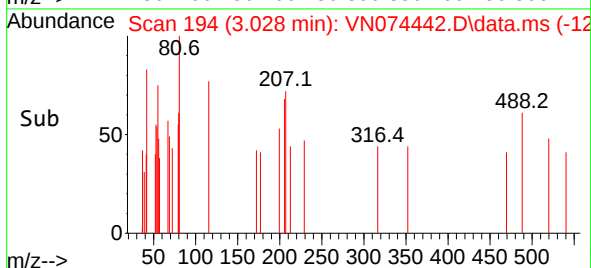
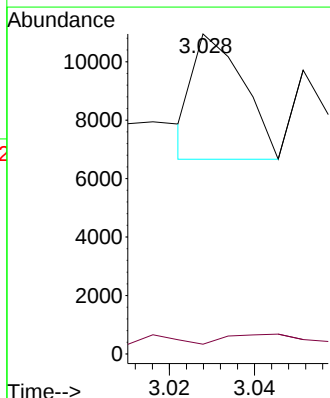
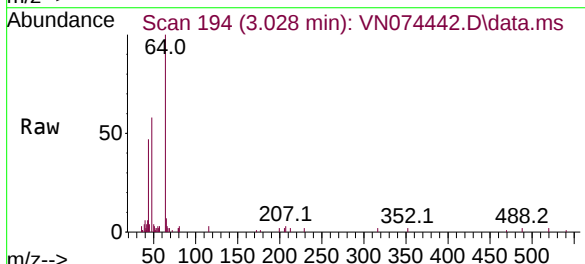
Instrument :
MSVOA_N
ClientSampleId :
MW-02-4-14-090122-FD

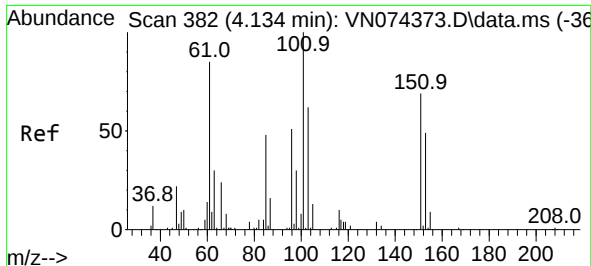
Tgt Ion: 94 Resp: 686
Ion Ratio Lower Upper
94 100
96 0.0 76.7 115.1#



#6
Chloroethane
Concen: Below Cal
RT: 3.028 min Scan# 194
Delta R.T. 0.082 min
Lab File: VN074442.D
Acq: 13 Sep 2022 18:55

Tgt Ion: 64 Resp: 3507
Ion Ratio Lower Upper
64 100
66 0.0 26.5 39.7#

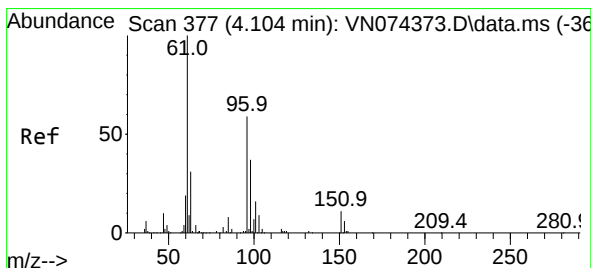
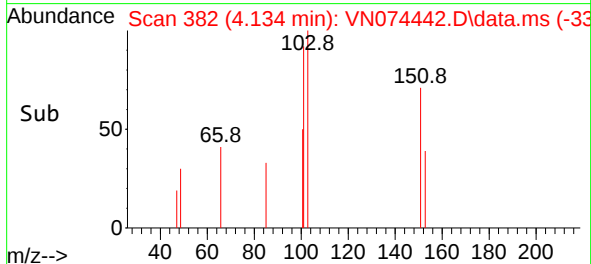
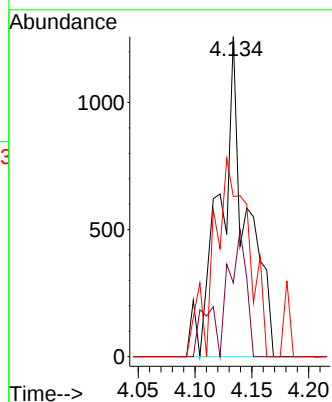
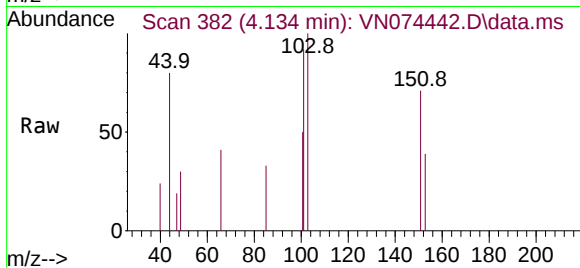




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.806 ug/l
RT: 4.134 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN074442.D
Acq: 13 Sep 2022 18:55

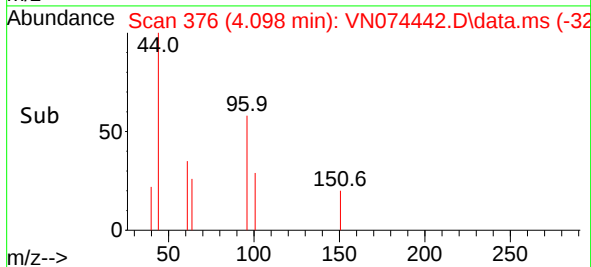
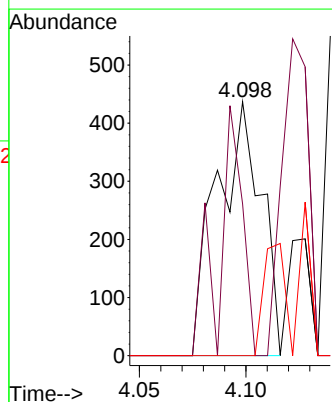
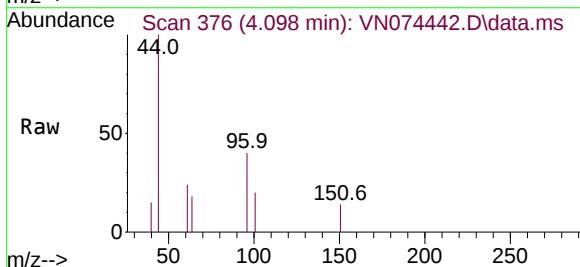
Instrument :
MSVOA_N
ClientSampleId :
MW-02-4-14-090122-FD

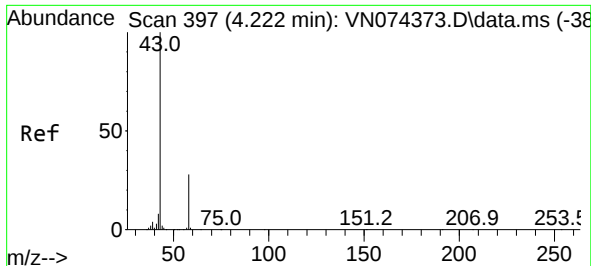
Tgt Ion:101 Resp: 2048
Ion Ratio Lower Upper
101 100
85 25.2 39.5 59.3#
151 80.9 57.8 86.6



#12
1,1-Dichloroethene
Concen: 0.258 ug/l
RT: 4.098 min Scan# 376
Delta R.T. -0.006 min
Lab File: VN074442.D
Acq: 13 Sep 2022 18:55

Tgt Ion: 96 Resp: 638
Ion Ratio Lower Upper
96 100
61 59.7 134.7 202.1#
98 0.0 50.2 75.4#

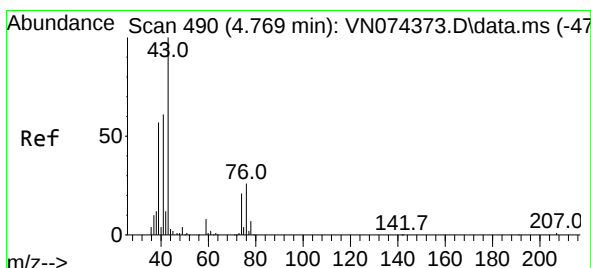
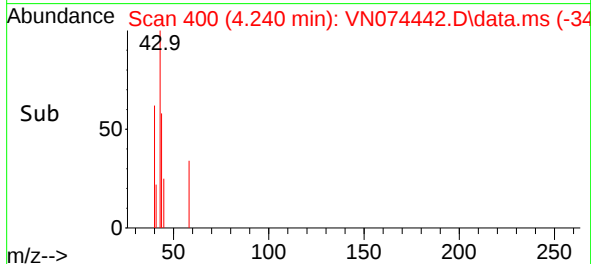
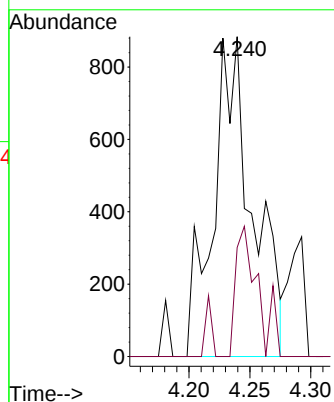
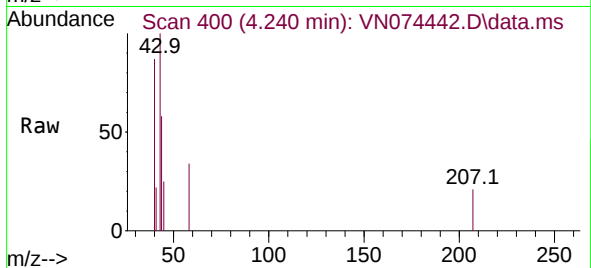




#16
Acetone
Concen: 1.072 ug/l
RT: 4.240 min Scan# 400
Delta R.T. 0.018 min
Lab File: VN074442.D
Acq: 13 Sep 2022 18:55

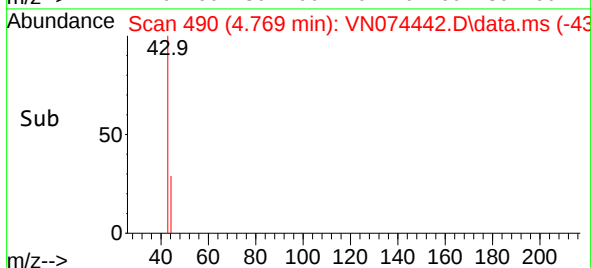
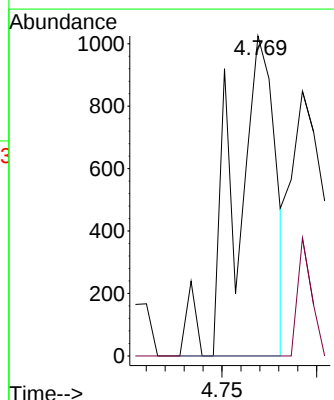
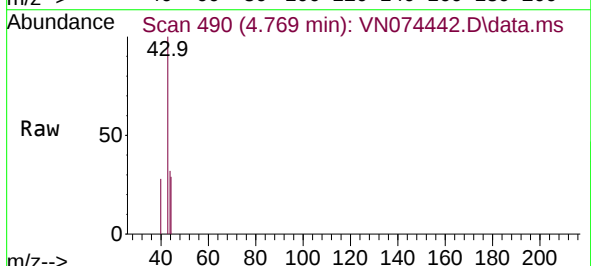
Instrument :
MSVOA_N
ClientSampleId :
MW-02-4-14-090122-FD

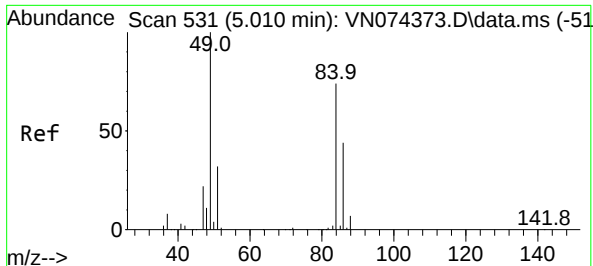
Tgt Ion: 43 Resp: 1986
Ion Ratio Lower Upper
43 100
58 21.6 22.7 34.1#



#18
Methyl Acetate
Concen: 0.282 ug/l
RT: 4.769 min Scan# 490
Delta R.T. -0.000 min
Lab File: VN074442.D
Acq: 13 Sep 2022 18:55

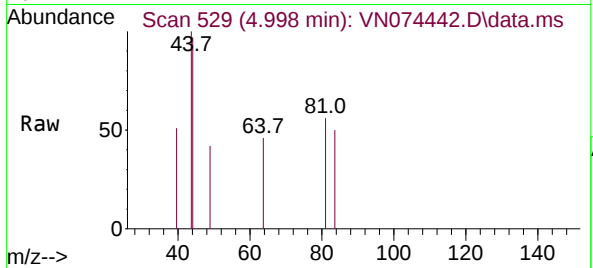
Tgt Ion: 43 Resp: 1542
Ion Ratio Lower Upper
43 100
74 0.0 16.7 25.1#



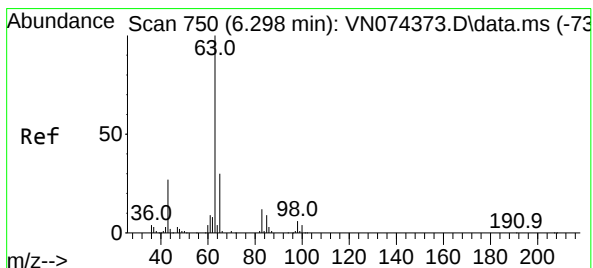
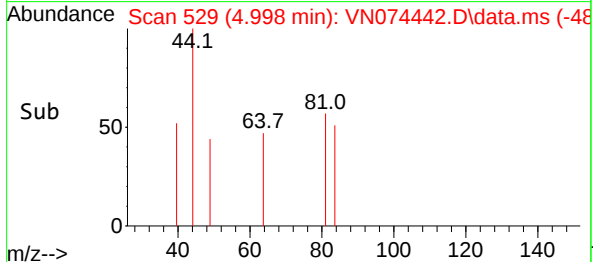
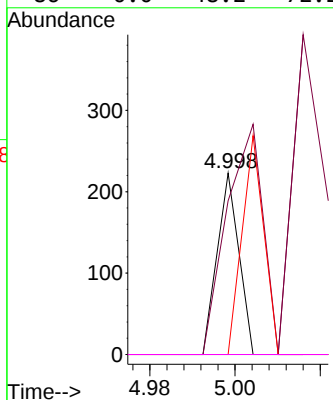


#20
Methylene Chloride
Concen: Below Cal
RT: 4.998 min Scan# 51
Delta R.T. -0.012 min
Lab File: VN074442.D
Acq: 13 Sep 2022 18:55

Instrument :
MSVOA_N
ClientSampleId :
MW-02-4-14-090122-FD

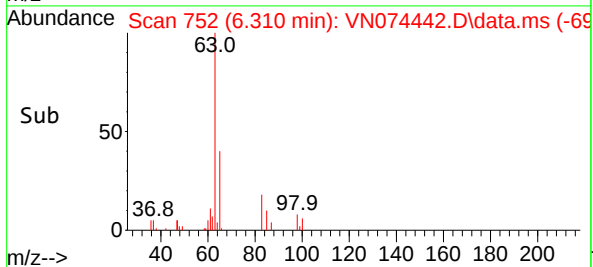
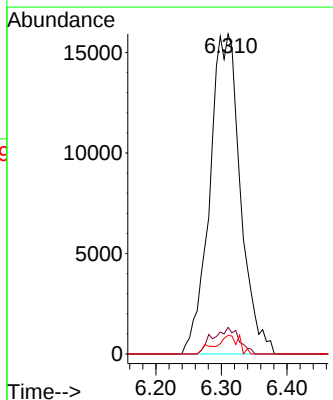
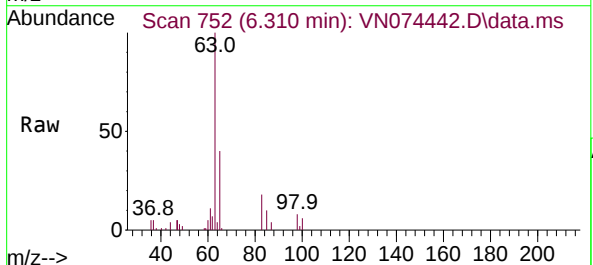


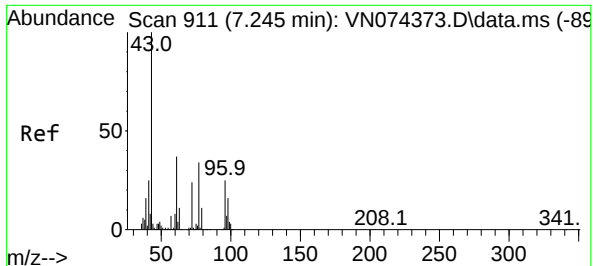
Tgt Ion: 84 Resp: 79
Ion Ratio Lower Upper
84 100
49 84.8 108.2 162.4#
51 0.0 34.3 51.5#
86 0.0 48.2 72.2#



#24
1,1-Dichloroethane
Concen: 9.226 ug/l
RT: 6.310 min Scan# 752
Delta R.T. 0.012 min
Lab File: VN074442.D
Acq: 13 Sep 2022 18:55

Tgt Ion: 63 Resp: 51783
Ion Ratio Lower Upper
63 100
98 8.3 2.9 8.6
100 5.8 2.0 5.8



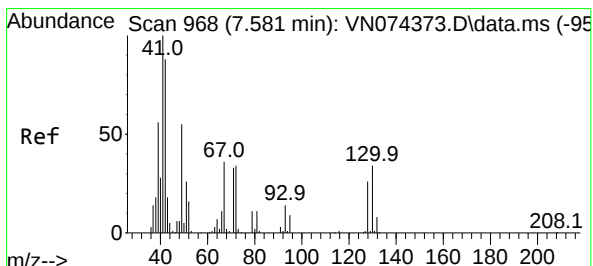
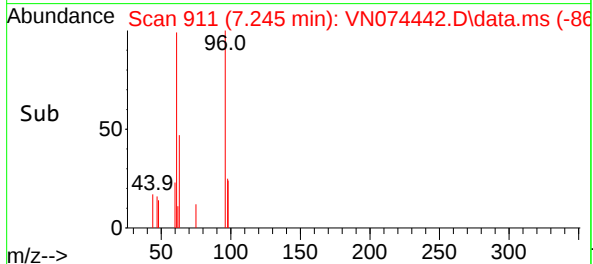
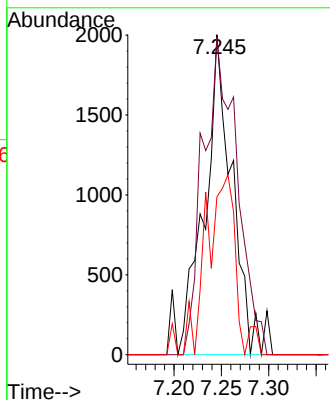
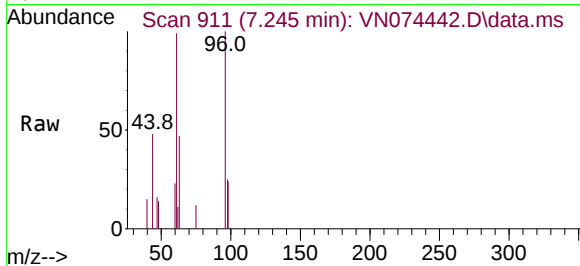


#27
 cis-1,2-Dichloroethene
 Concen: 1.201 ug/l
 RT: 7.245 min Scan# 911
 Delta R.T. -0.000 min
 Lab File: VN074442.D
 Acq: 13 Sep 2022 18:55

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-02-4-14-090122-FD

Tgt Ion: 96 Resp: 4102

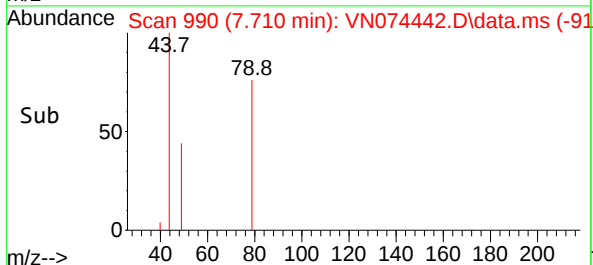
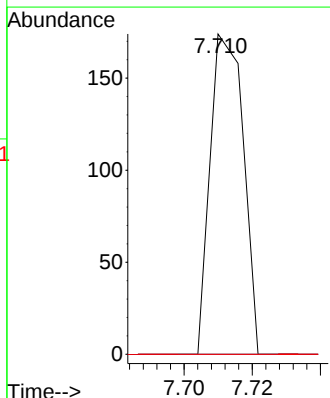
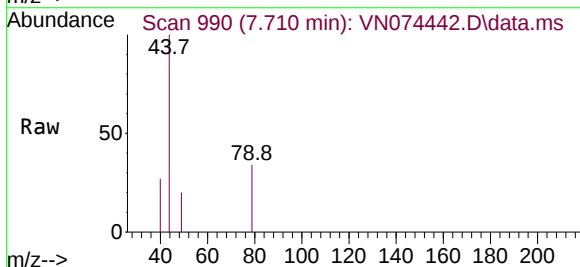
Ion	Ratio	Lower	Upper
96	100		
61	119.9	0.0	306.2
98	56.4	0.0	129.8

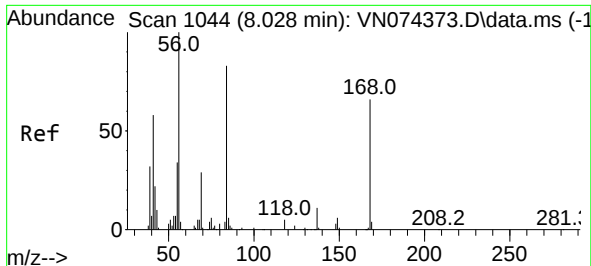


#28
 Bromochloromethane
 Concen: Below Cal
 RT: 7.710 min Scan# 990
 Delta R.T. 0.129 min
 Lab File: VN074442.D
 Acq: 13 Sep 2022 18:55

Tgt Ion: 49 Resp: 117

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	2.2
130	0.0	50.0	75.0

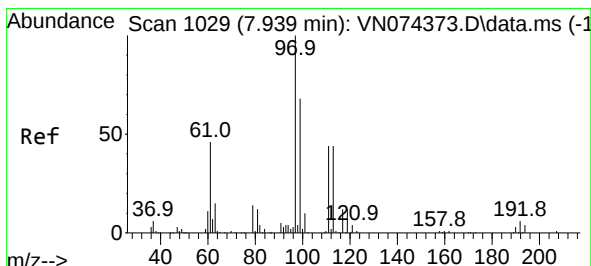
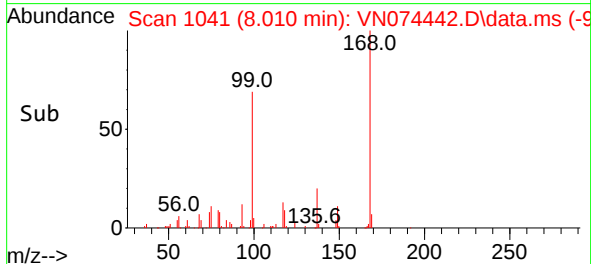
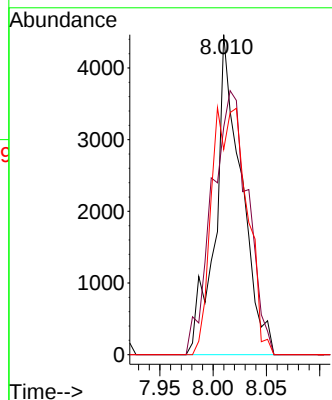
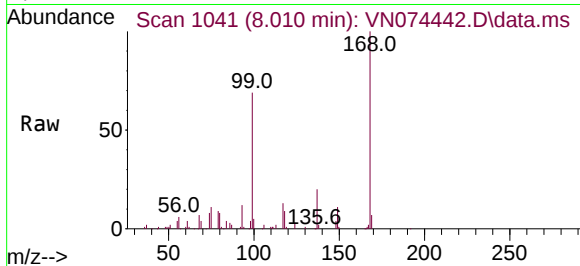




#31
Cyclohexane
Concen: 1.383 ug/l
RT: 8.010 min Scan# 1044
Delta R.T. -0.018 min
Lab File: VN074442.D
Acq: 13 Sep 2022 18:55

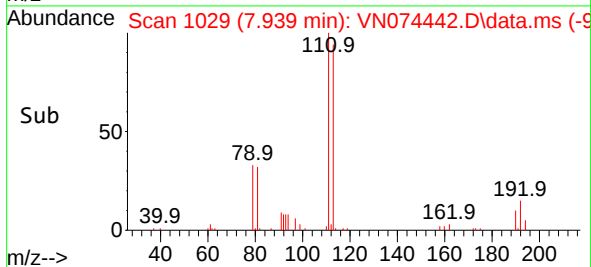
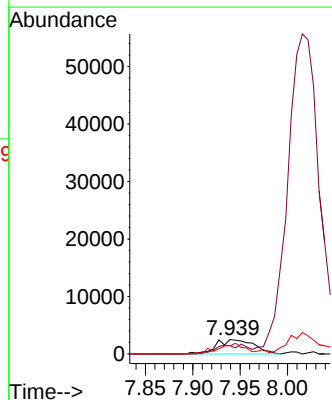
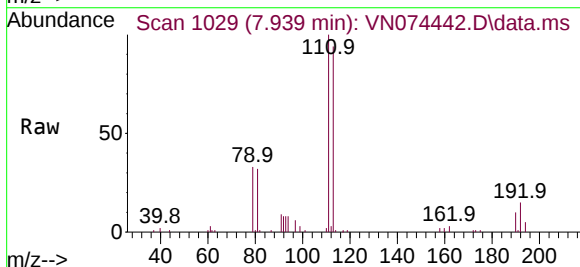
Instrument :
MSVOA_N
ClientSampleId :
MW-02-4-14-090122-FD

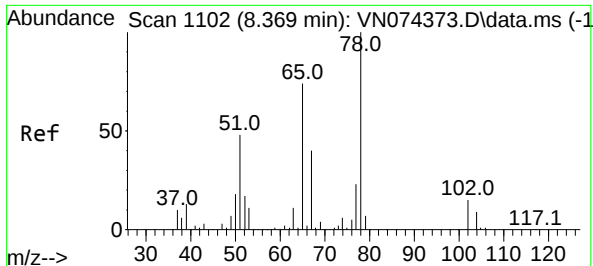
Tgt Ion: 56 Resp: 7549
Ion Ratio Lower Upper
56 100
69 68.5 23.0 34.4#
84 61.8 66.3 99.5#



#32
1,1,1-Trichloroethane
Concen: 1.382 ug/l
RT: 7.939 min Scan# 1029
Delta R.T. -0.000 min
Lab File: VN074442.D
Acq: 13 Sep 2022 18:55

Tgt Ion: 97 Resp: 6944
Ion Ratio Lower Upper
97 100
99 0.0 50.2 75.2#
61 52.9 38.7 58.1





#33

1,2-Dichloroethane-d4

Concen: 49.958 ug/l

RT: 8.375 min Scan# 1103

Delta R.T. 0.006 min

Lab File: VN074442.D

Acq: 13 Sep 2022 18:55

Instrument :

MSVOA_N

ClientSampleId :

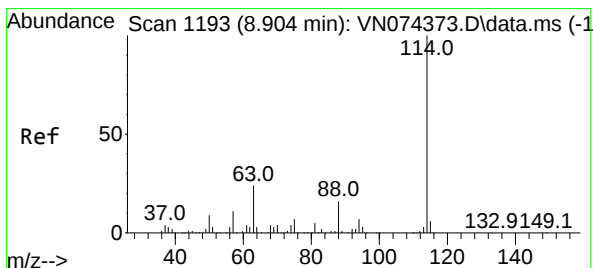
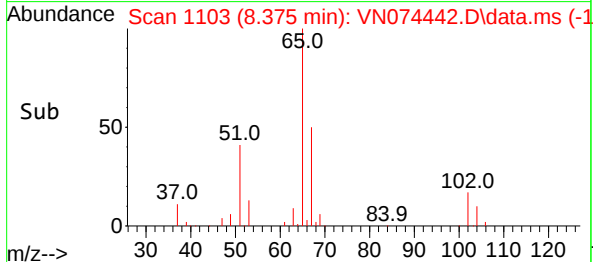
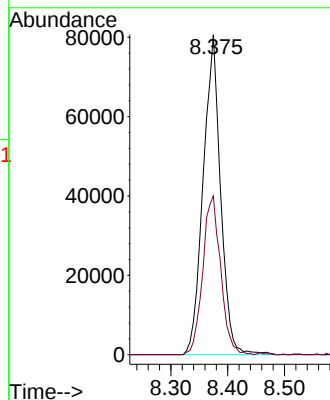
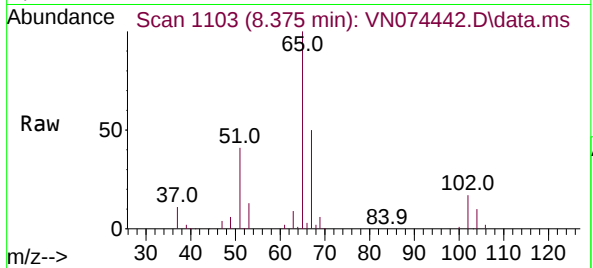
MW-02-4-14-090122-FD

Tgt Ion: 65 Resp: 171497

Ion Ratio Lower Upper

65 100

67 50.9 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: VN074442.D

Acq: 13 Sep 2022 18:55

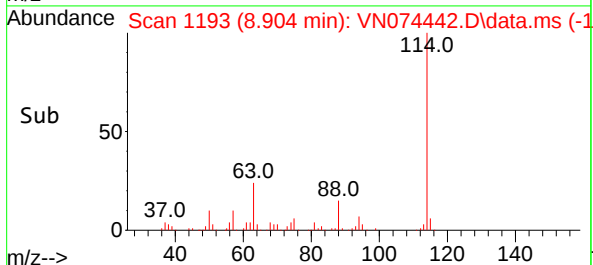
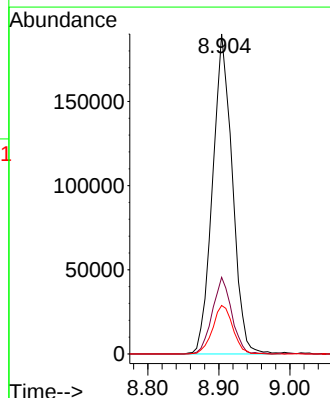
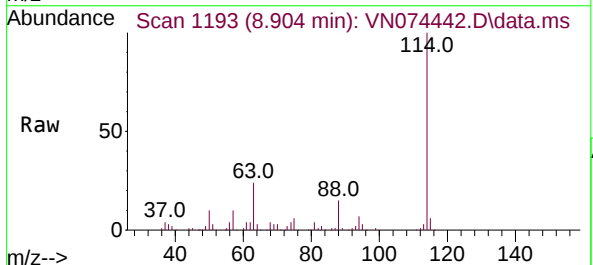
Tgt Ion: 114 Resp: 366644

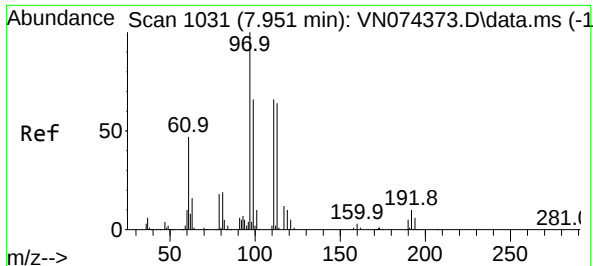
Ion Ratio Lower Upper

114 100

63 23.9 0.0 47.6

88 15.2 0.0 31.4





#35

Dibromofluoromethane

Concen: 54.870 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. -0.000 min

Lab File: VN074442.D

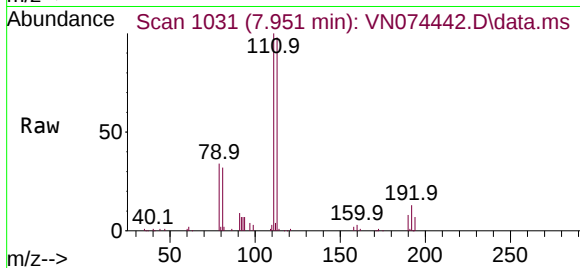
Acq: 13 Sep 2022 18:55

Instrument :

MSVOA_N

ClientSampleId :

MW-02-4-14-090122-FD



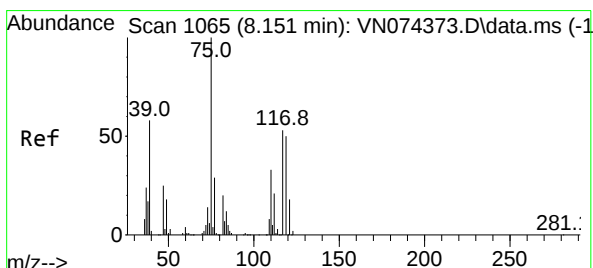
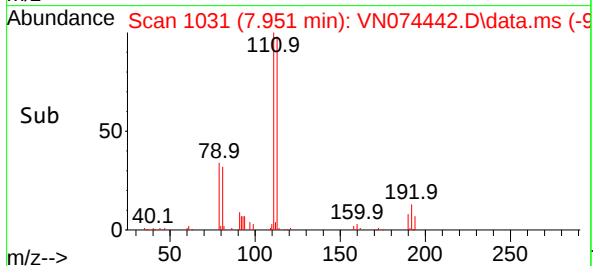
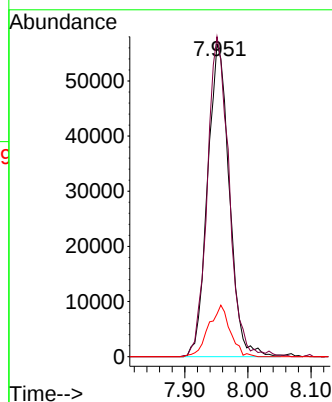
Tgt Ion:113 Resp: 135815

Ion Ratio Lower Upper

113 100

111 102.5 83.0 124.4

192 16.2 13.7 20.5



#36

1,1-Dichloropropene

Concen: 4.967 ug/l

RT: 8.016 min Scan# 1042

Delta R.T. -0.135 min

Lab File: VN074442.D

Acq: 13 Sep 2022 18:55

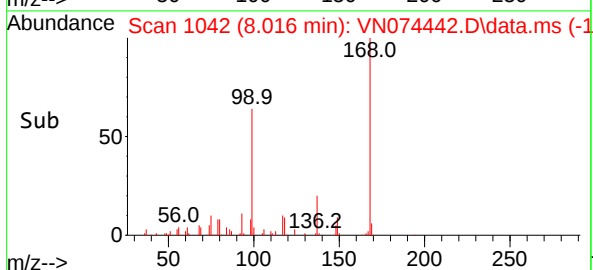
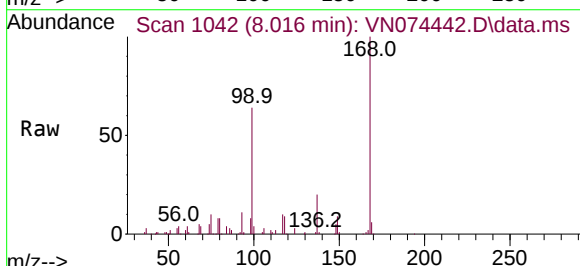
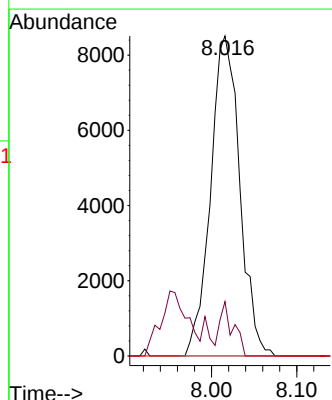
Tgt Ion: 75 Resp: 20255

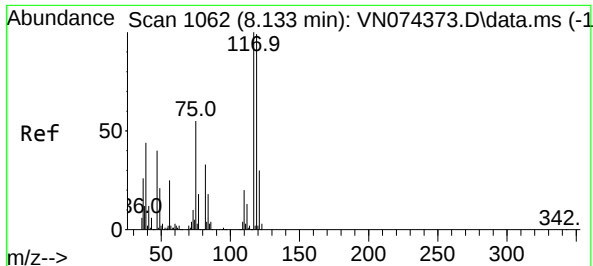
Ion Ratio Lower Upper

75 100

110 7.7 16.4 49.1#

77 0.0 25.4 38.2#

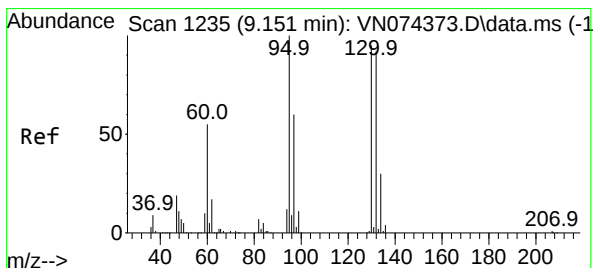
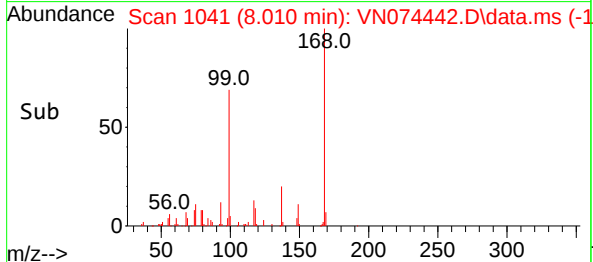
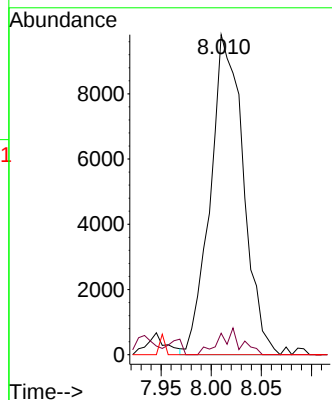
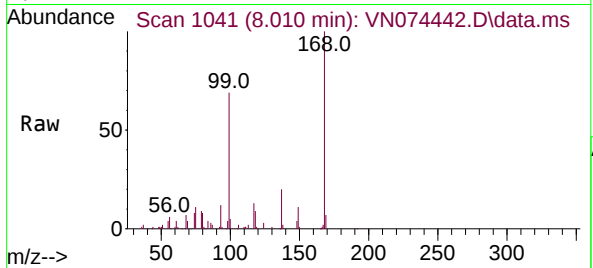




#38
Carbon Tetrachloride
Concen: 5.333 ug/l
RT: 8.010 min Scan# 11
Delta R.T. -0.124 min
Lab File: VN074442.D
Acq: 13 Sep 2022 18:55

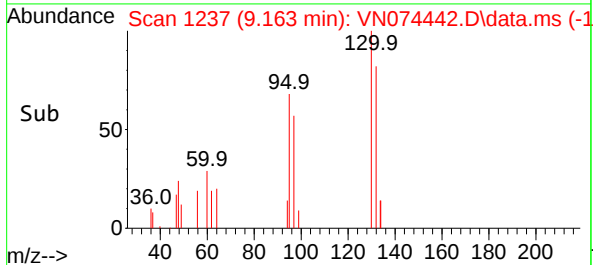
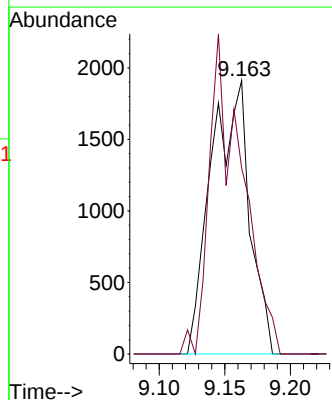
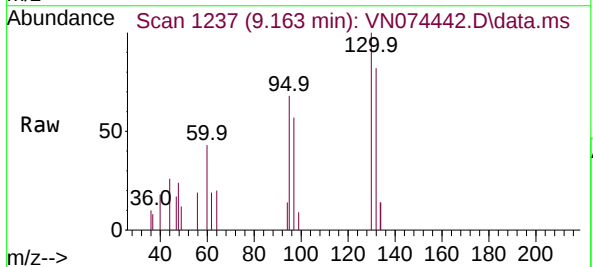
Instrument :
MSVOA_N
ClientSampleId :
MW-02-4-14-090122-FD

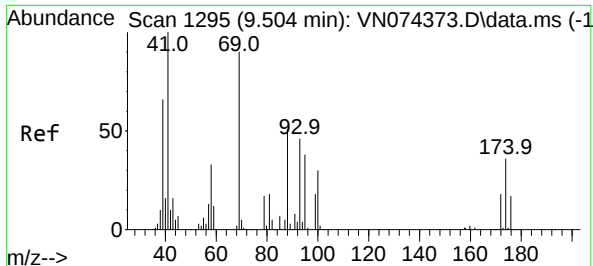
Tgt Ion:117 Resp: 22450
Ion Ratio Lower Upper
117 100
119 6.7 78.8 118.2#
121 0.0 24.1 36.1#



#44
Trichloroethene
Concen: 1.392 ug/l
RT: 9.163 min Scan# 1237
Delta R.T. 0.012 min
Lab File: VN074442.D
Acq: 13 Sep 2022 18:55

Tgt Ion:130 Resp: 3896
Ion Ratio Lower Upper
130 100
95 68.0 0.0 210.0

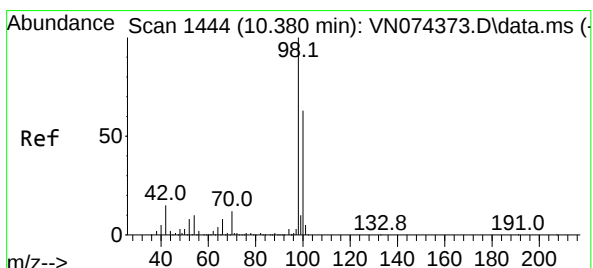
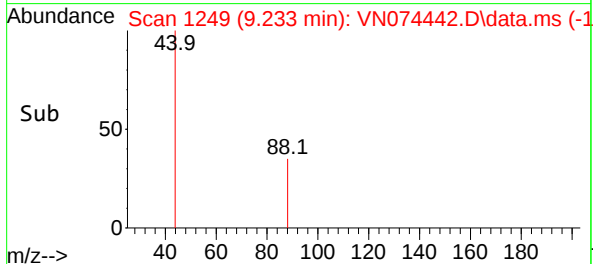
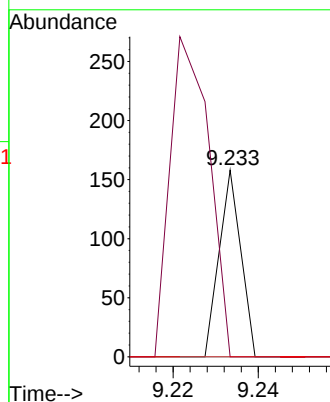
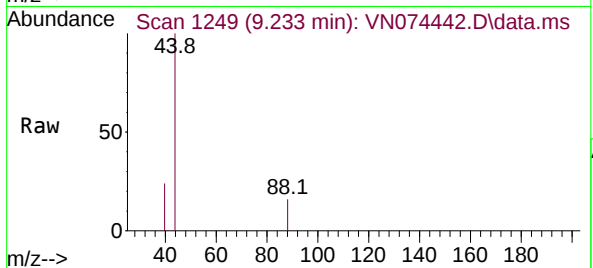




#49
1,4-Dioxane
Concen: 0.623 ug/l
RT: 9.233 min Scan# 1295
Delta R.T. -0.271 min
Lab File: VN074442.D
Acq: 13 Sep 2022 18:55

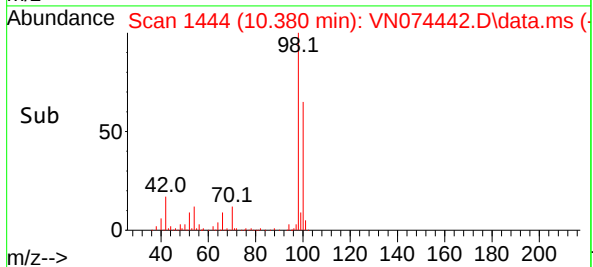
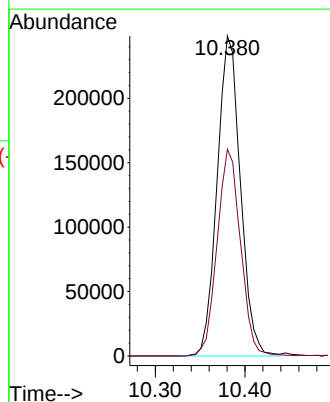
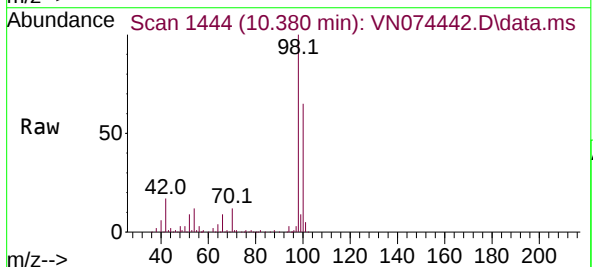
Instrument :
MSVOA_N
ClientSampleId :
MW-02-4-14-090122-FD

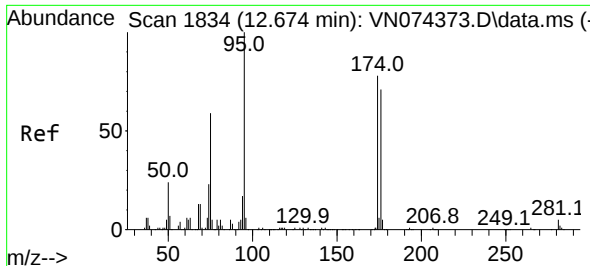
Tgt Ion: 88 Resp: 56
Ion Ratio Lower Upper
88 100
43 307.1 26.9 40.3#
58 0.0 52.7 79.1#



#50
Toluene-d8
Concen: 46.419 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN074442.D
Acq: 13 Sep 2022 18:55

Tgt Ion: 98 Resp: 447692
Ion Ratio Lower Upper
98 100
100 64.8 50.6 76.0

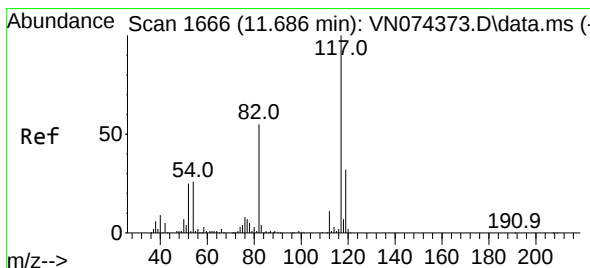
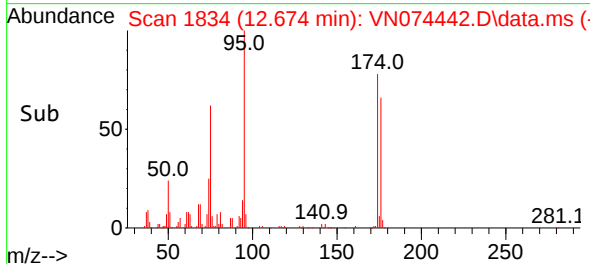
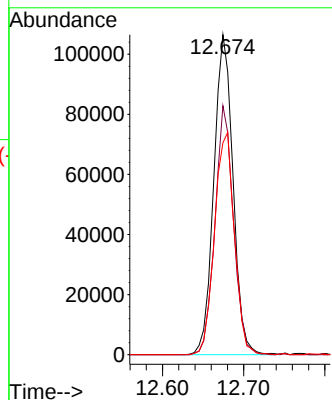
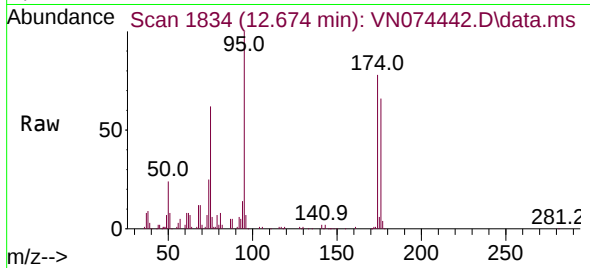




#62
4-Bromofluorobenzene
Concen: 49.939 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN074442.D
Acq: 13 Sep 2022 18:55

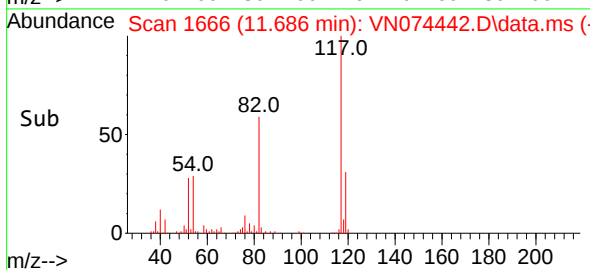
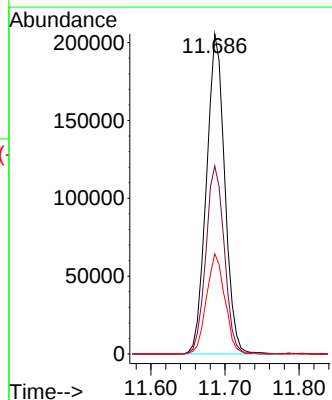
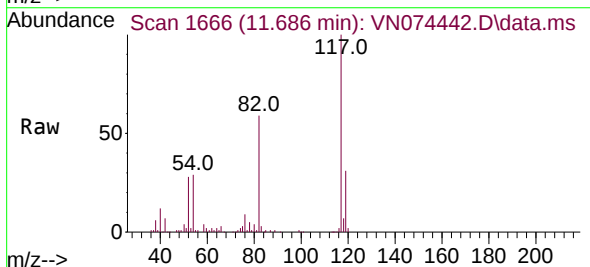
Instrument :
MSVOA_N
ClientSampleId :
MW-02-4-14-090122-FD

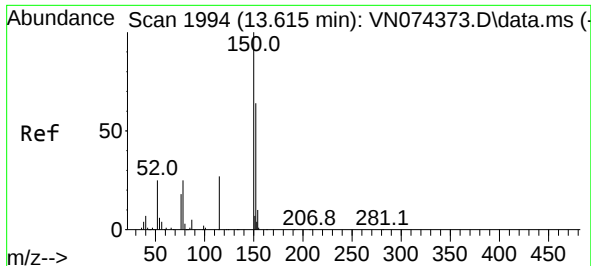
Tgt Ion: 95 Resp: 174866
Ion Ratio Lower Upper
95 100
174 74.8 0.0 150.6
176 72.1 0.0 143.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. -0.000 min
Lab File: VN074442.D
Acq: 13 Sep 2022 18:55

Tgt Ion: 117 Resp: 353241
Ion Ratio Lower Upper
117 100
82 58.8 44.3 66.5
119 31.3 25.5 38.3

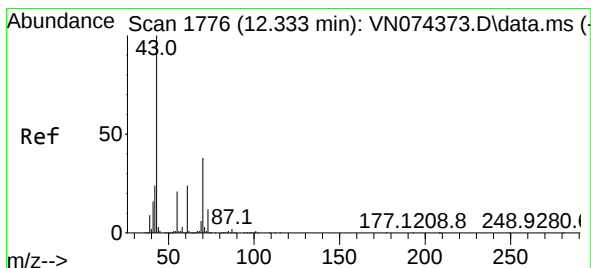
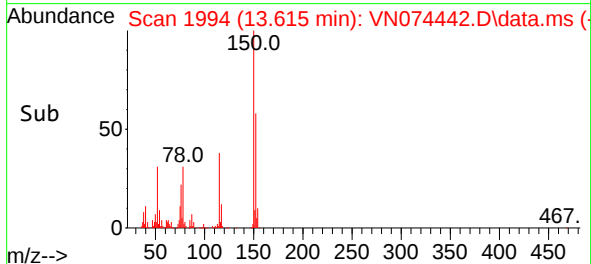
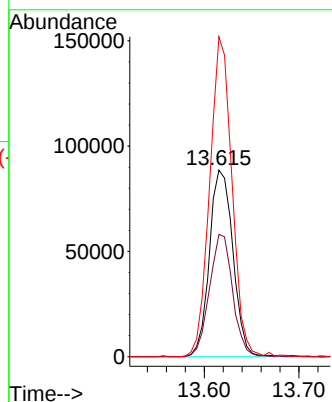
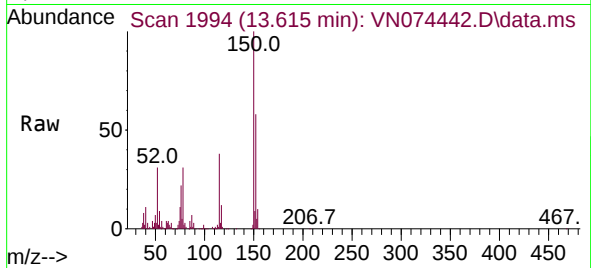




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.615 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VN074442.D
Acq: 13 Sep 2022 18:55

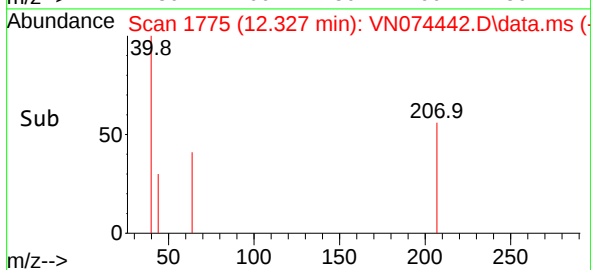
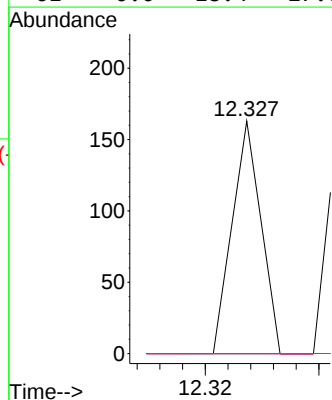
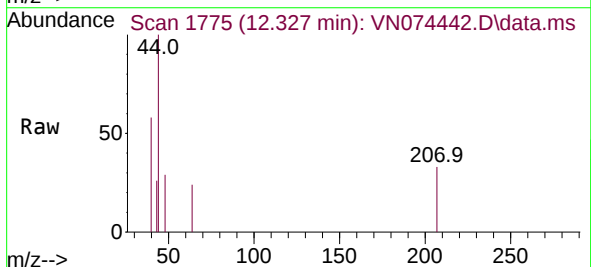
Instrument :
MSVOA_N
ClientSampleId :
MW-02-4-14-090122-FD

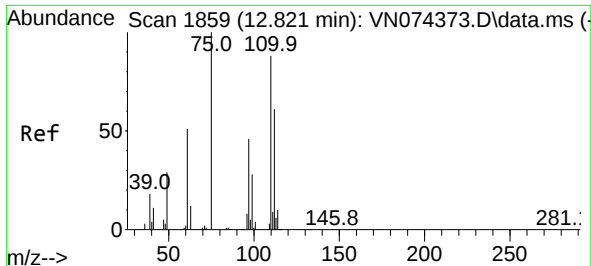
Tgt Ion:152 Resp: 153123
Ion Ratio Lower Upper
152 100
115 64.5 32.0 96.0
150 161.2 0.0 359.6



#74
N-ethyl acetate
Concen: Below Cal
RT: 12.327 min Scan# 1775
Delta R.T. -0.006 min
Lab File: VN074442.D
Acq: 13 Sep 2022 18:55

Tgt Ion: 43 Resp: 58
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#

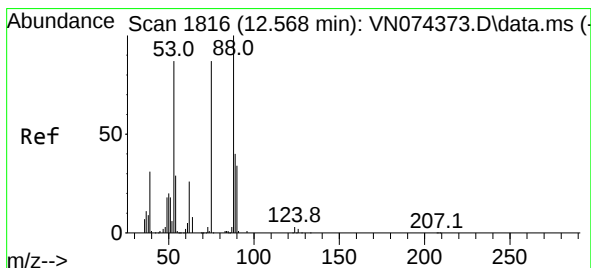
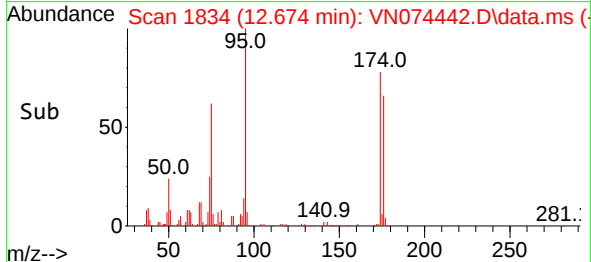
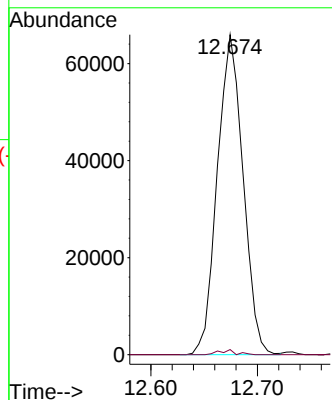
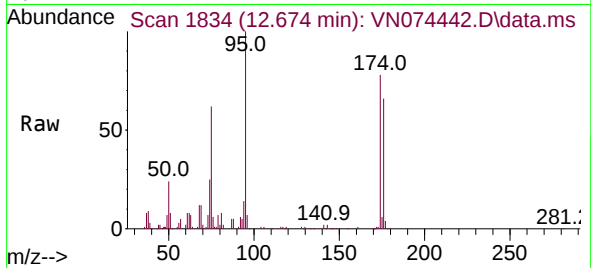




#76
1,2,3-Trichloropropane
Concen: 27.674 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. -0.147 min
Lab File: VN074442.D
Acq: 13 Sep 2022 18:55

Instrument : MSVOA_N
ClientSampleId : MW-02-4-14-090122-FD

Tgt Ion: 75 Resp: 110778
Ion Ratio Lower Upper
75 100
77 1.0 78.9 236.7#



#81
trans-1,4-Dichloro-2-butene
Concen: 61.686 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.106 min
Lab File: VN074442.D
Acq: 13 Sep 2022 18:55

Tgt Ion: 75 Resp: 110778
Ion Ratio Lower Upper
75 100
53 0.0 82.2 123.2#
89 0.0 37.7 56.5#

