

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091222\
 Data File : VN074426.D
 Acq On : 12 Sep 2022 23:20
 Operator : JC\MD
 Sample : VN0912WBL02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0913WBL01

Quant Time: Sep 13 06:53:50 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)

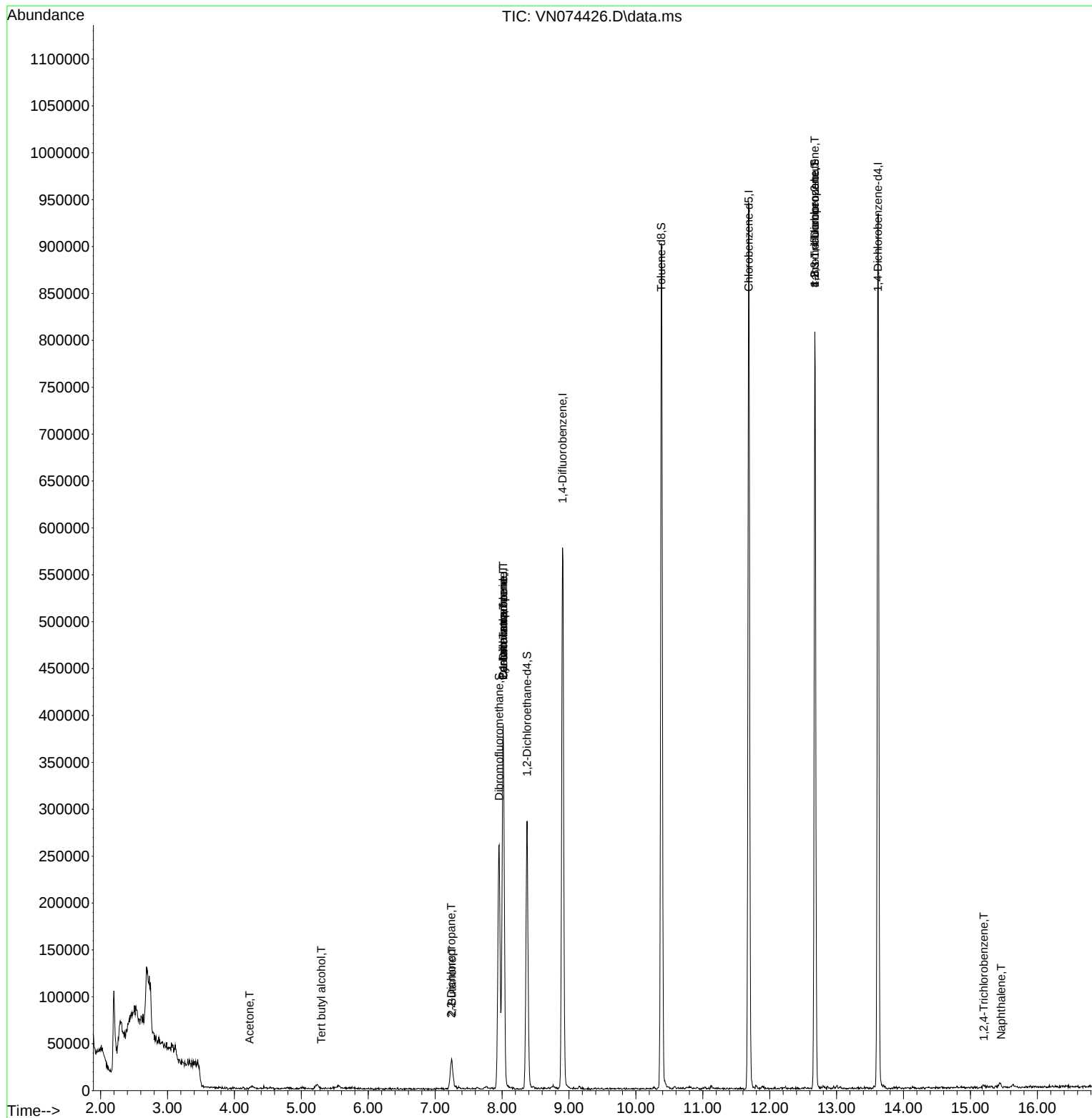
Internal Standards						
1) Pentafluorobenzene	8.016	168	276676	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	479932	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	478388	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	228183	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.375	65	213754	44.654	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	89.300%		
35) Dibromofluoromethane	7.957	113	175070	54.034	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	108.060%		
50) Toluene-d8	10.380	98	585660	46.390	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	92.780%		
62) 4-Bromofluorobenzene	12.674	95	235514	51.383	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	102.760%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.269	50	1788	Below Cal		95
6) Chloroethane	2.869	64	2645	Below Cal	#	42
11) Tert butyl alcohol	5.298	59	358	0.286 ug/l	#	79
16) Acetone	4.228	43	1069	0.414 ug/l	#	46
20) Methylene Chloride	4.998	84	334	Below Cal	#	24
25) 2-Butanone	7.251	43	2081	0.480 ug/l	#	52
26) 2,2-Dichloropropane	7.239	77	2358	0.333 ug/l	#	55
31) Cyclohexane	8.016	56	9664	1.269 ug/l	#	47
36) 1,1-Dichloropropene	8.016	75	26436	4.953 ug/l	#	50
38) Carbon Tetrachloride	8.016	117	30796	5.589 ug/l	#	14
74) N-amyl acetate	12.345	43	932	Below Cal	#	56
76) 1,2,3-Trichloropropane	12.674	75	145185	24.339 ug/l	#	1
81) trans-1,4-Dichloro-2-b...	12.674	75	145185	54.251 ug/l	#	9
92) 1,2-Dibromo-3-Chloropr...	14.545	75	263	Below Cal	#	8
93) 1,2,4-Trichlorobenzene	15.198	180	1078	0.236 ug/l	#	51
95) Naphthalene	15.456	128	4879	0.273 ug/l	#	69

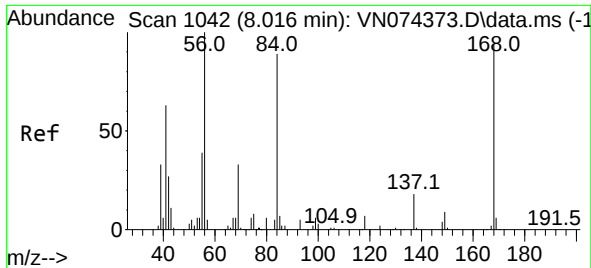
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

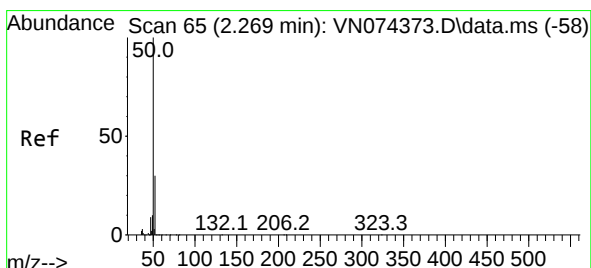
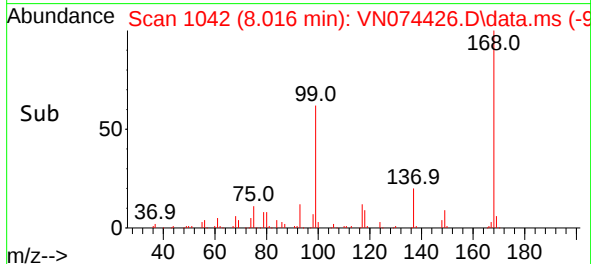
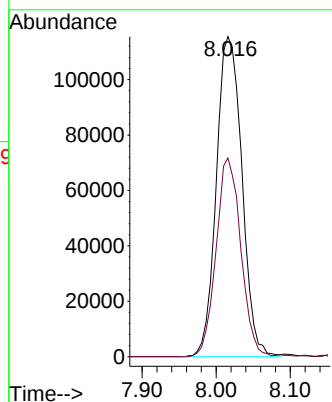
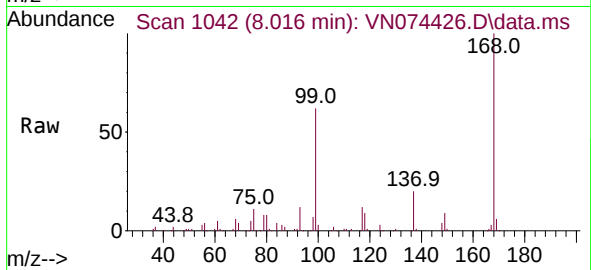




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN074426.D
Acq: 12 Sep 2022 23:20

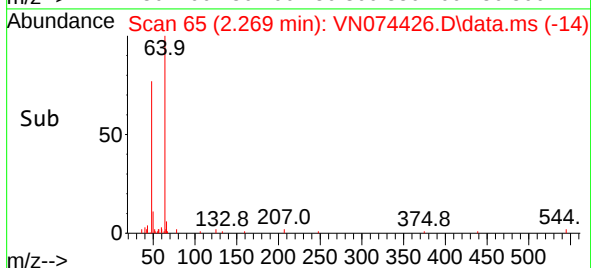
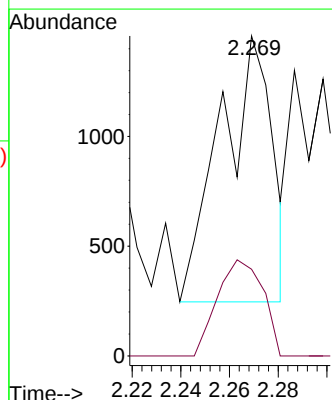
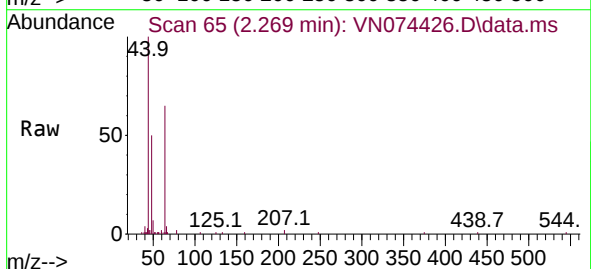
Instrument :
MSVOA_N
ClientSampleId :
VN0913WBL01

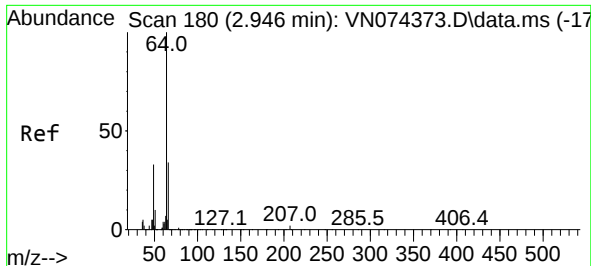
Tgt Ion:168 Resp: 276676
Ion Ratio Lower Upper
168 100
99 62.1 52.8 79.2



#3
Chloromethane
Concen: Below Cal
RT: 2.269 min Scan# 65
Delta R.T. 0.000 min
Lab File: VN074426.D
Acq: 12 Sep 2022 23:20

Tgt Ion: 50 Resp: 1788
Ion Ratio Lower Upper
50 100
52 32.6 24.1 36.1

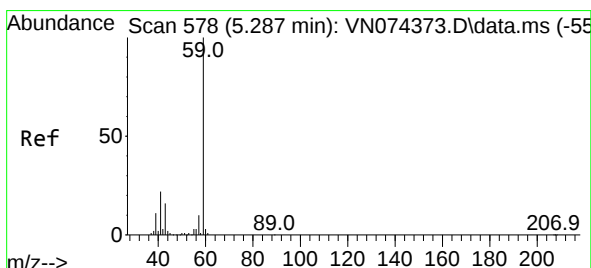
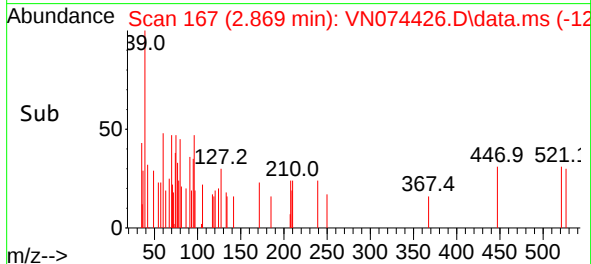
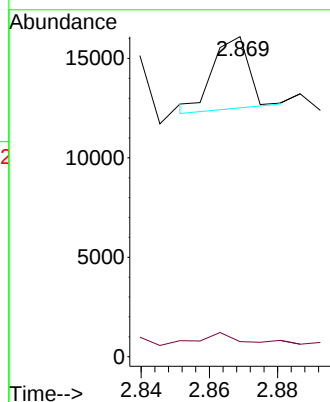
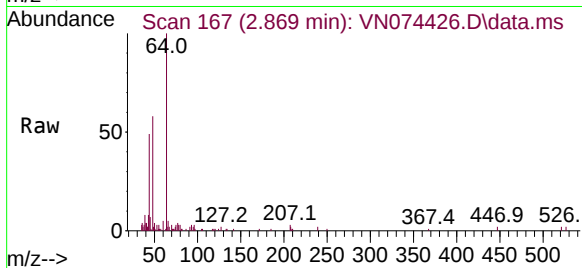




#6
Chloroethane
Concen: Below Cal
RT: 2.869 min Scan# 11
Delta R.T. -0.077 min
Lab File: VN074426.D
Acq: 12 Sep 2022 23:20

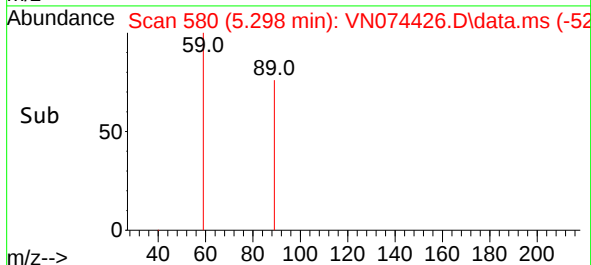
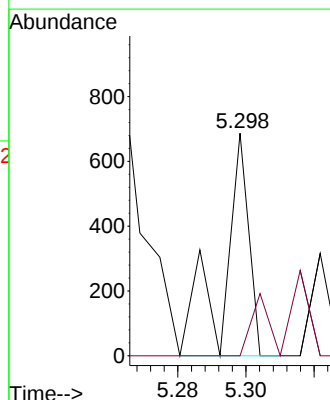
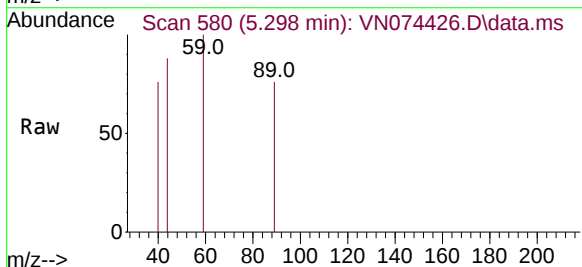
Instrument :
MSVOA_N
ClientSampleId :
VN0913WBL01

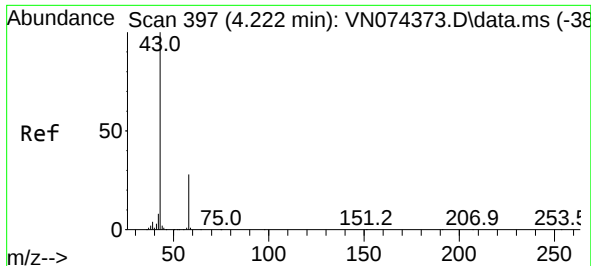
Tgt Ion: 64 Resp: 2645
Ion Ratio Lower Upper
64 100
66 0.0 26.5 39.7#



#11
Tert butyl alcohol
Concen: 0.286 ug/l
RT: 5.298 min Scan# 580
Delta R.T. 0.012 min
Lab File: VN074426.D
Acq: 12 Sep 2022 23:20

Tgt Ion: 59 Resp: 358
Ion Ratio Lower Upper
59 100
57 19.0 8.8 13.2#

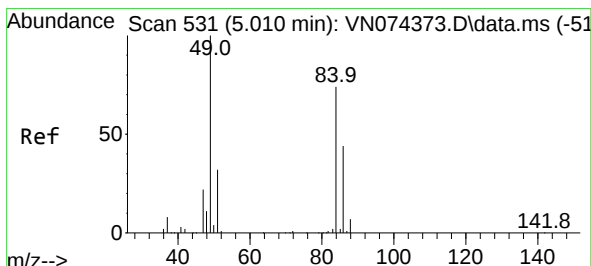
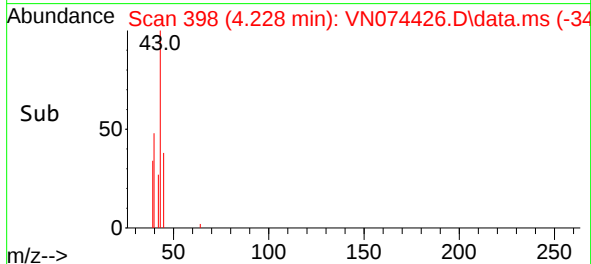
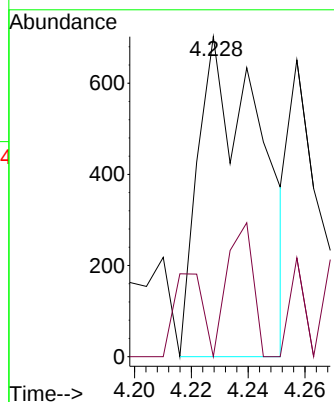
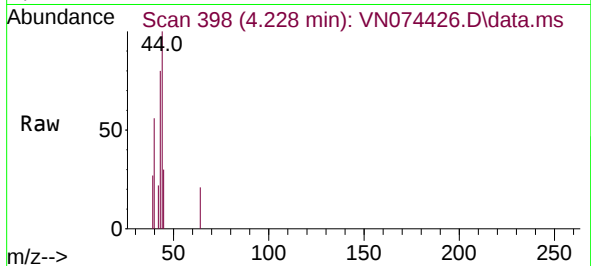




#16
Acetone
Concen: 0.414 ug/l
RT: 4.228 min Scan# 397
Delta R.T. 0.006 min
Lab File: VN074426.D
Acq: 12 Sep 2022 23:20

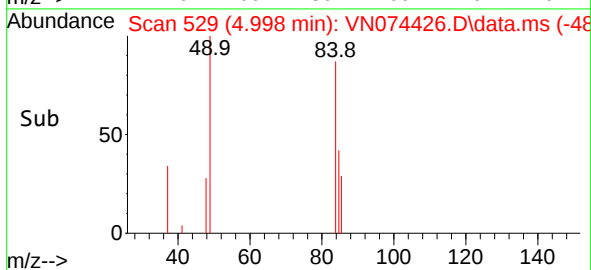
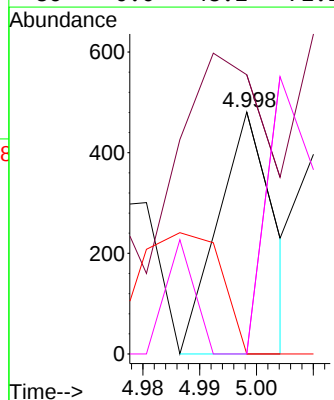
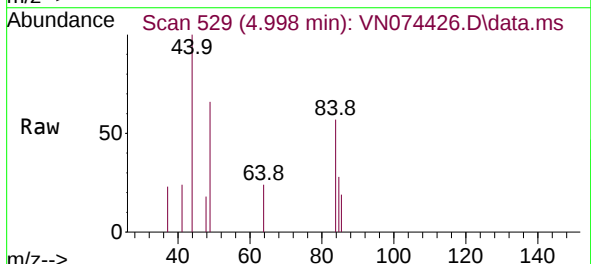
Instrument :
MSVOA_N
ClientSampleId :
VN0913WBL01

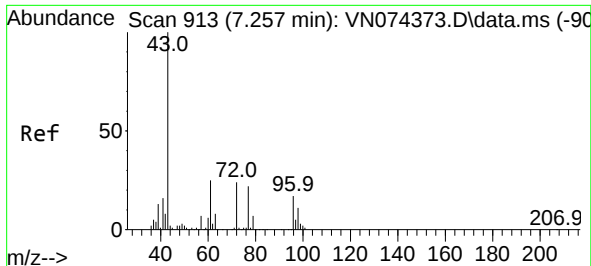
Tgt Ion: 43 Resp: 1069
Ion Ratio Lower Upper
43 100
58 0.0 22.7 34.1#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.998 min Scan# 529
Delta R.T. -0.012 min
Lab File: VN074426.D
Acq: 12 Sep 2022 23:20

Tgt Ion: 84 Resp: 334
Ion Ratio Lower Upper
84 100
49 42.4 108.2 162.4#
51 0.0 34.3 51.5#
86 0.0 48.2 72.2#

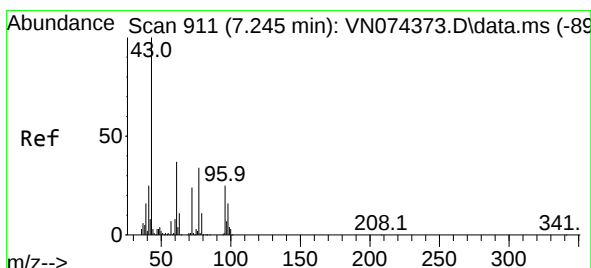
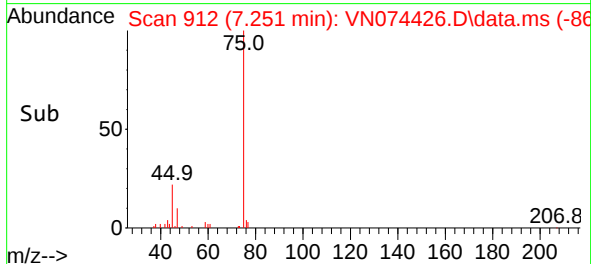
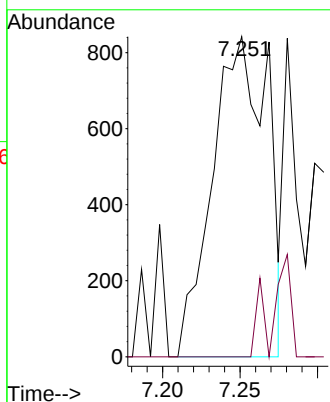
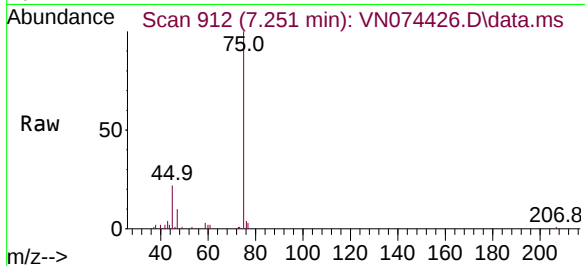




#25
2-Butanone
Concen: 0.480 ug/l
RT: 7.251 min Scan# 910
Delta R.T. -0.006 min
Lab File: VN074426.D
Acq: 12 Sep 2022 23:20

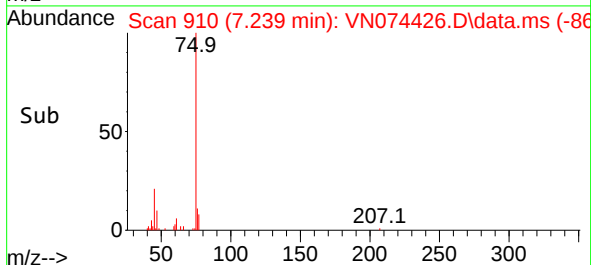
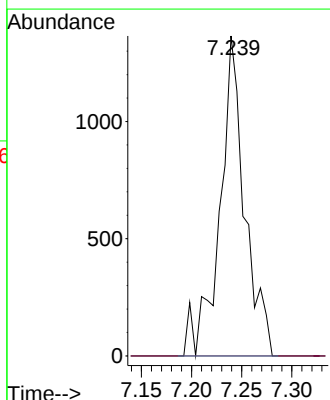
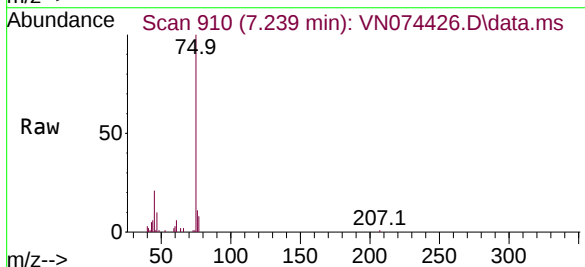
Instrument :
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ClientSampleId :
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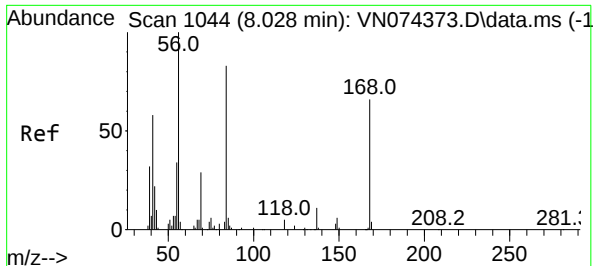
Tgt Ion: 43 Resp: 2081
Ion Ratio Lower Upper
43 100
72 0.0 18.9 28.3#



#26
2,2-Dichloropropane
Concen: 0.333 ug/l
RT: 7.239 min Scan# 910
Delta R.T. -0.006 min
Lab File: VN074426.D
Acq: 12 Sep 2022 23:20

Tgt Ion: 77 Resp: 2358
Ion Ratio Lower Upper
77 100
97 0.0 10.7 32.1#

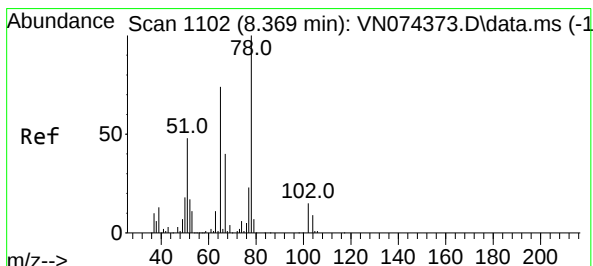
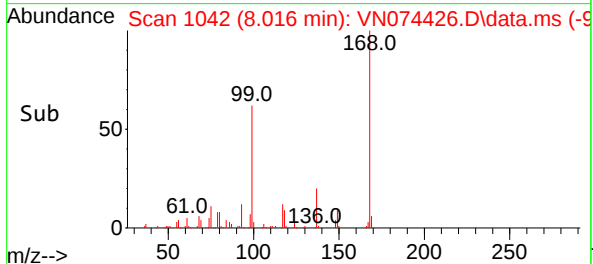
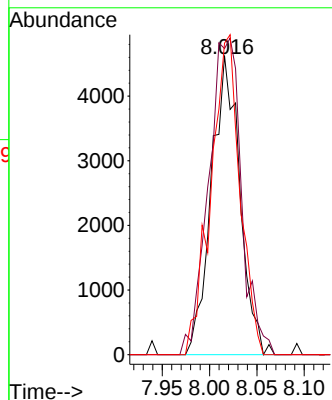
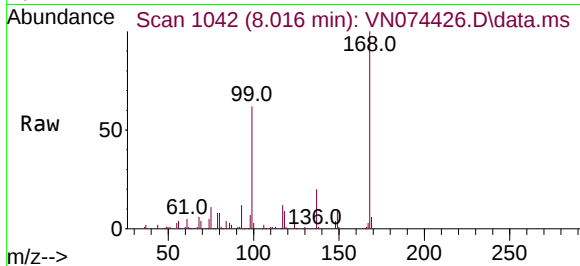




#31
Cyclohexane
Concen: 1.269 ug/l
RT: 8.016 min Scan# 1103
Delta R.T. -0.012 min
Lab File: VN074426.D
Acq: 12 Sep 2022 23:20

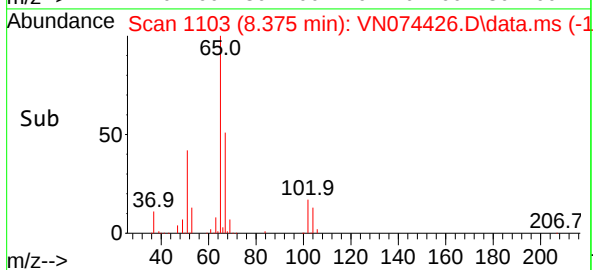
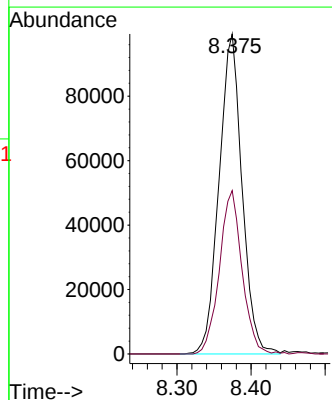
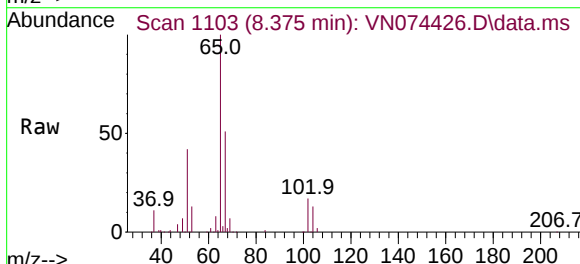
Instrument :
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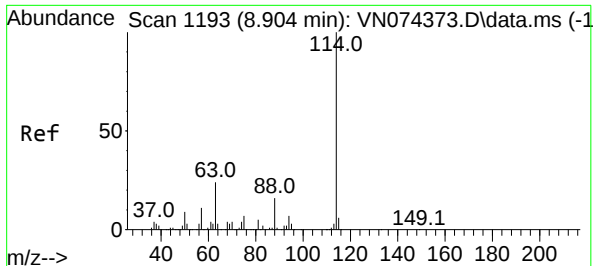
Tgt Ion: 56 Resp: 9664
Ion Ratio Lower Upper
56 100
69 102.4 23.0 34.4#
84 104.2 66.3 99.5#



#33
1,2-Dichloroethane-d4
Concen: 44.654 ug/l
RT: 8.375 min Scan# 1103
Delta R.T. 0.006 min
Lab File: VN074426.D
Acq: 12 Sep 2022 23:20

Tgt Ion: 65 Resp: 213754
Ion Ratio Lower Upper
65 100
67 50.4 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: VN074426.D

Acq: 12 Sep 2022 23:20

Instrument :

MSVOA_N

ClientSampleId :

VN0913WBL01

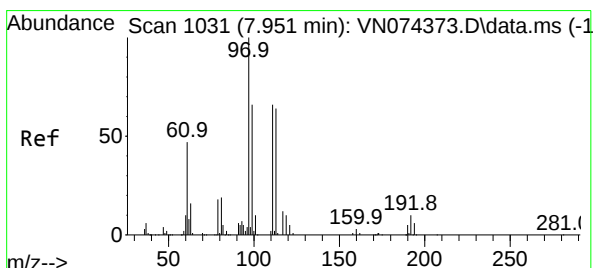
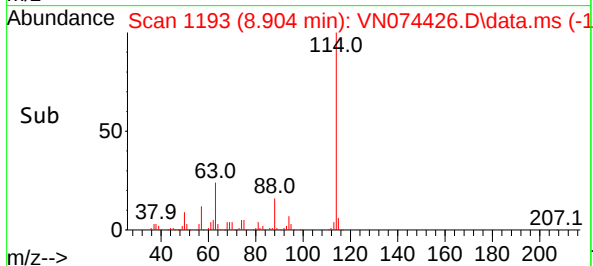
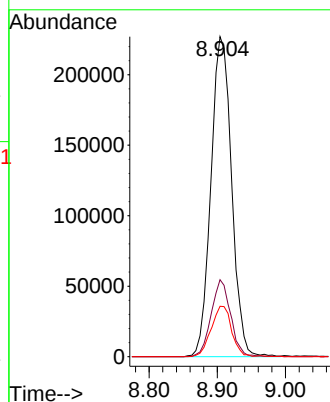
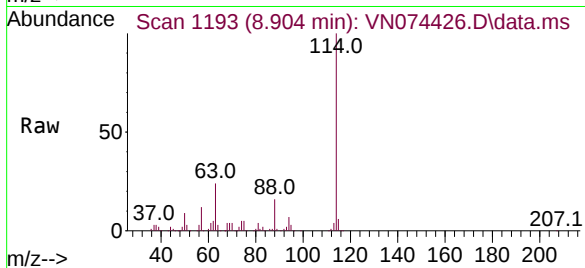
Tgt Ion:114 Resp: 479932

Ion Ratio Lower Upper

114 100

63 24.0 0.0 47.6

88 15.7 0.0 31.4



#35

Dibromofluoromethane

Concen: 54.034 ug/l

RT: 7.957 min Scan# 1032

Delta R.T. 0.006 min

Lab File: VN074426.D

Acq: 12 Sep 2022 23:20

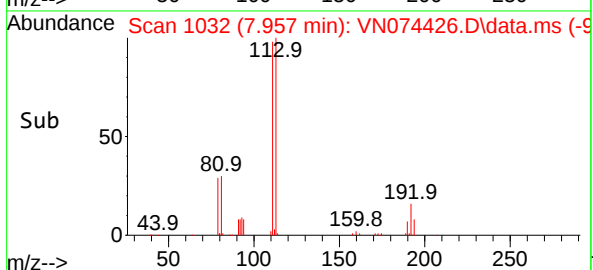
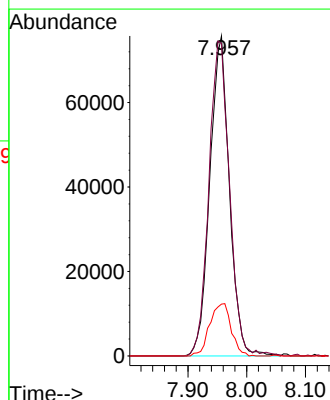
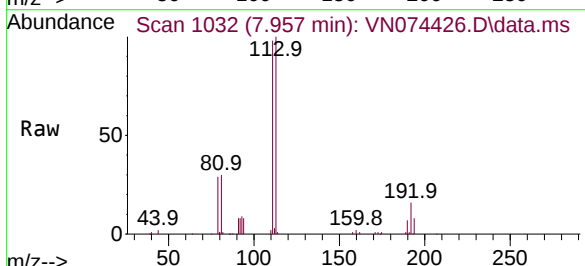
Tgt Ion:113 Resp: 175070

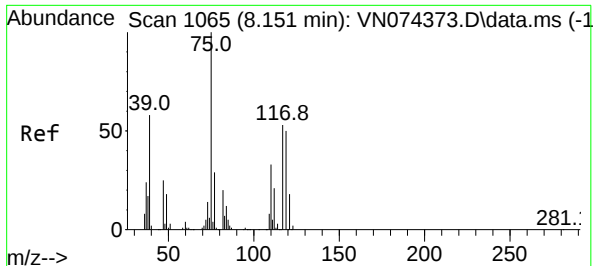
Ion Ratio Lower Upper

113 100

111 103.2 83.0 124.4

192 17.9 13.7 20.5





#36

1,1-Dichloropropene

Concen: 4.953 ug/l

RT: 8.016 min Scan# 1042

Delta R.T. -0.135 min

Lab File: VN074426.D

Acq: 12 Sep 2022 23:20

Instrument :

MSVOA_N

ClientSampleId :

VN0913WBL01

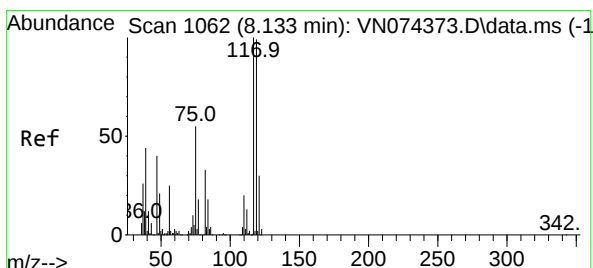
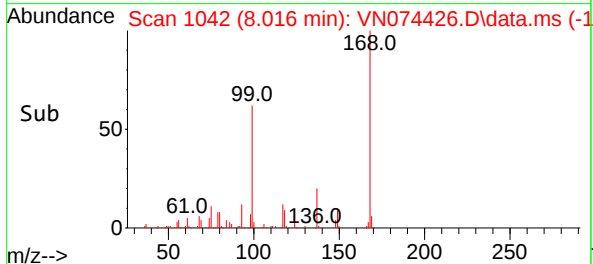
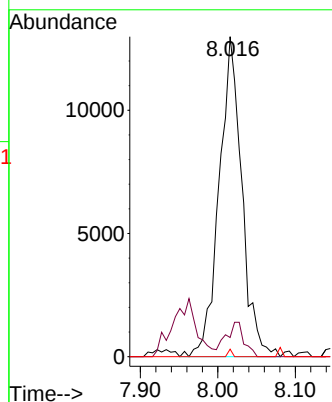
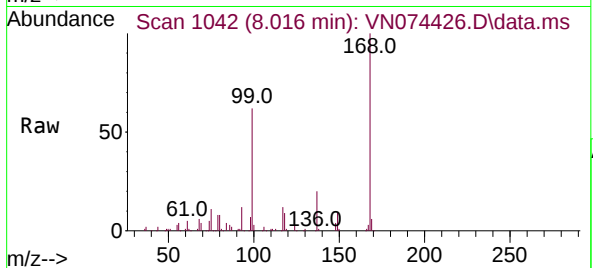
Tgt Ion: 75 Resp: 26436

Ion Ratio Lower Upper

75 100

110 8.5 16.4 49.1#

77 0.4 25.4 38.2#



#38

Carbon Tetrachloride

Concen: 5.589 ug/l

RT: 8.016 min Scan# 1042

Delta R.T. -0.118 min

Lab File: VN074426.D

Acq: 12 Sep 2022 23:20

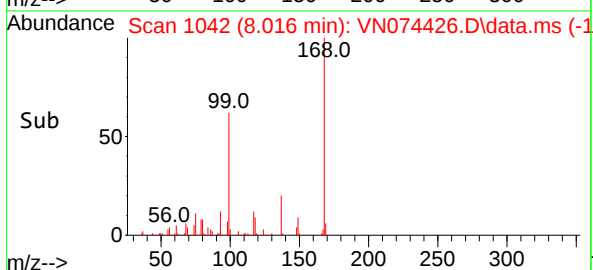
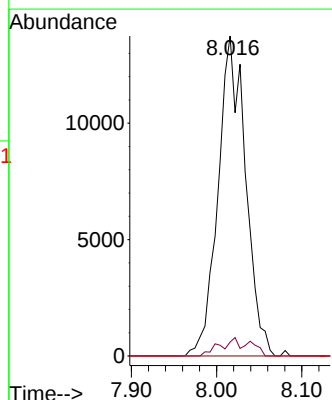
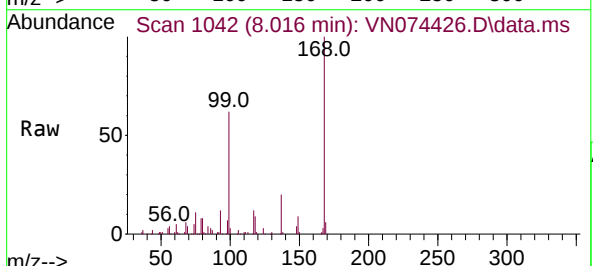
Tgt Ion: 117 Resp: 30796

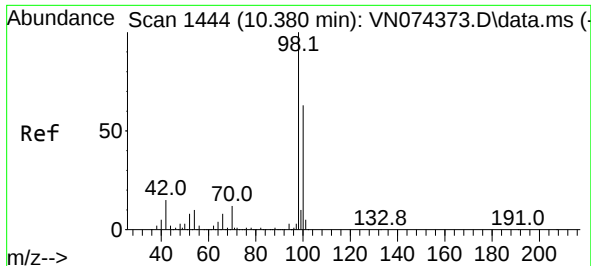
Ion Ratio Lower Upper

117 100

119 4.4 78.8 118.2#

121 0.0 24.1 36.1#

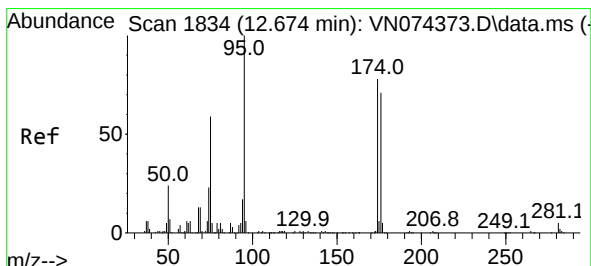
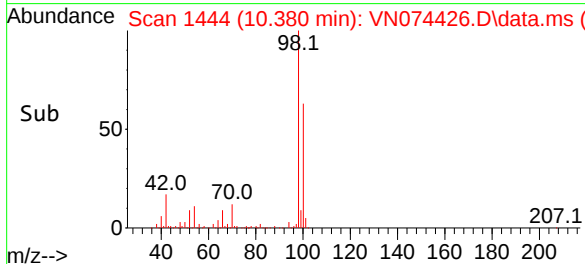
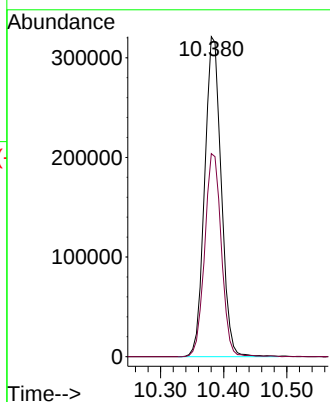
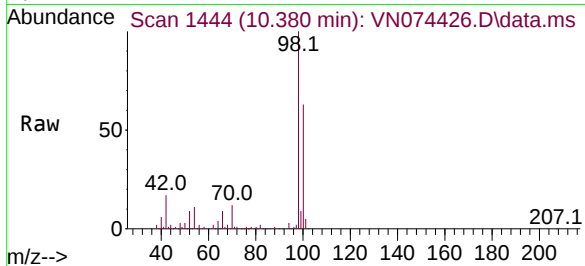




#50
Toluene-d8
Concen: 46.390 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN074426.D
Acq: 12 Sep 2022 23:20

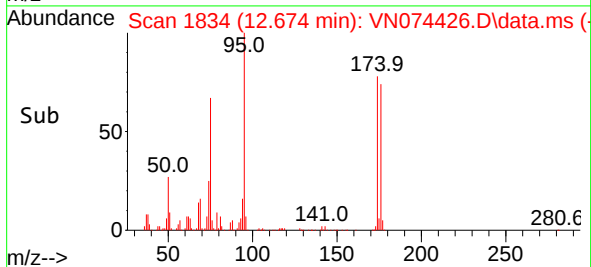
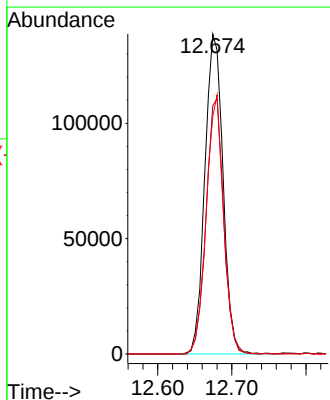
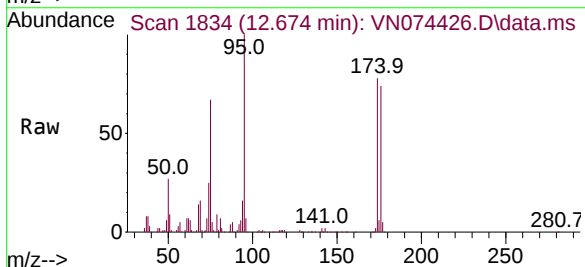
Instrument :
MSVOA_N
ClientSampleId :
VN0913WBL01

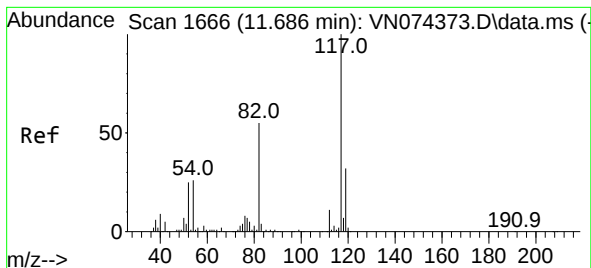
Tgt Ion: 98 Resp: 585660
Ion Ratio Lower Upper
98 100
100 63.7 50.6 76.0



#62
4-Bromofluorobenzene
Concen: 51.383 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN074426.D
Acq: 12 Sep 2022 23:20

Tgt Ion: 95 Resp: 235514
Ion Ratio Lower Upper
95 100
174 78.1 0.0 150.6
176 76.8 0.0 143.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.686 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN074426.D

Acq: 12 Sep 2022 23:20

Instrument :

MSVOA_N

ClientSampleId :

VN0913WBL01

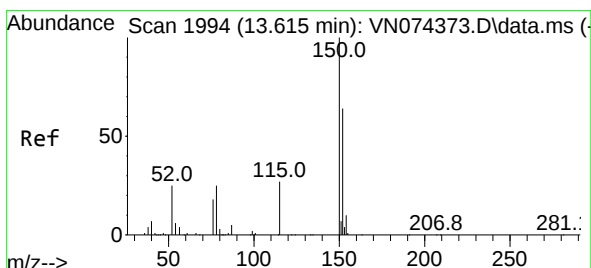
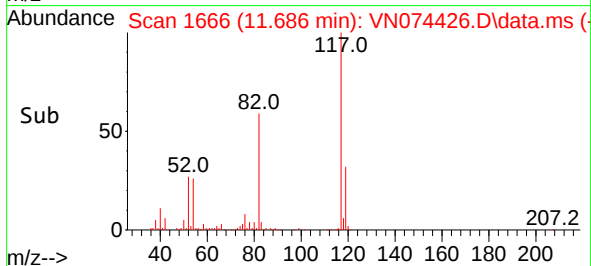
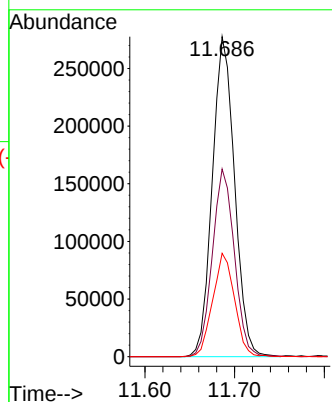
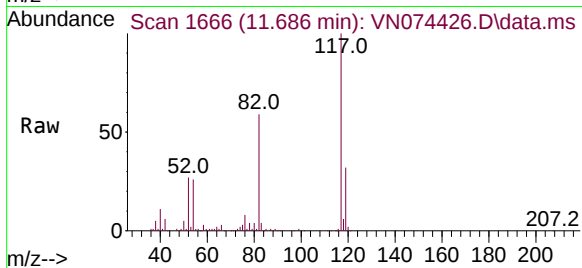
Tgt Ion:117 Resp: 478388

Ion Ratio Lower Upper

117 100

82 58.7 44.3 66.5

119 32.3 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: VN074426.D

Acq: 12 Sep 2022 23:20

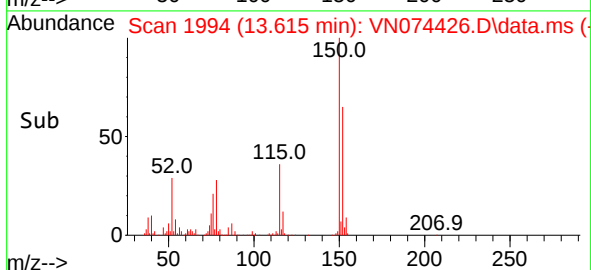
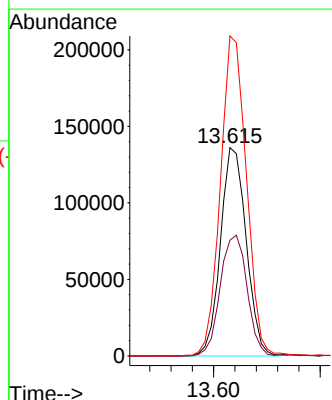
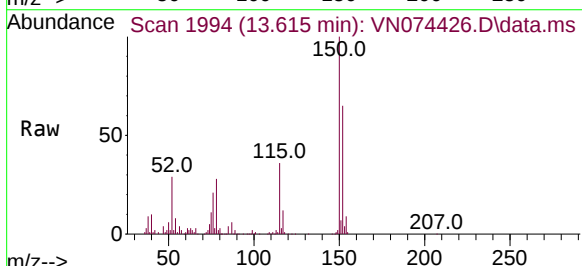
Tgt Ion:152 Resp: 228183

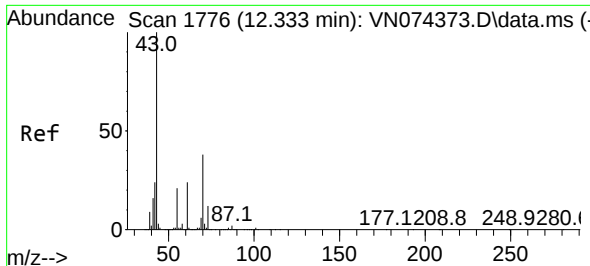
Ion Ratio Lower Upper

152 100

115 60.8 32.0 96.0

150 155.6 0.0 359.6

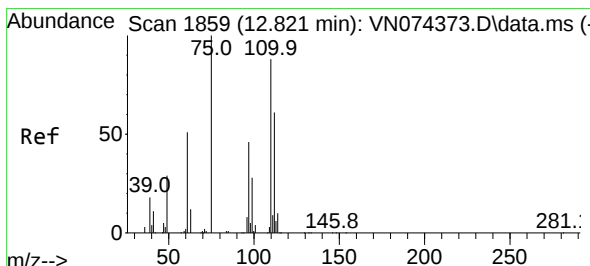
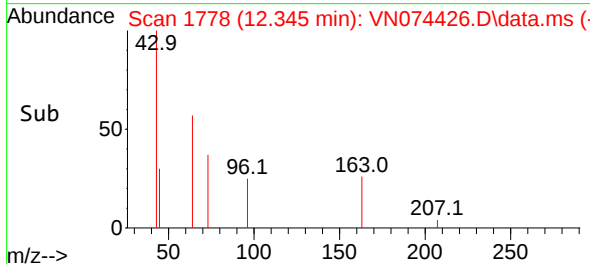
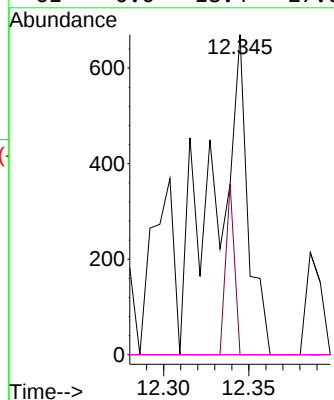
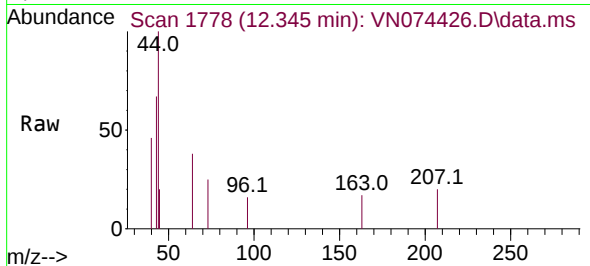




#74
N-amy1 acetate
Concen: Below Cal
RT: 12.345 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN074426.D
Acq: 12 Sep 2022 23:20

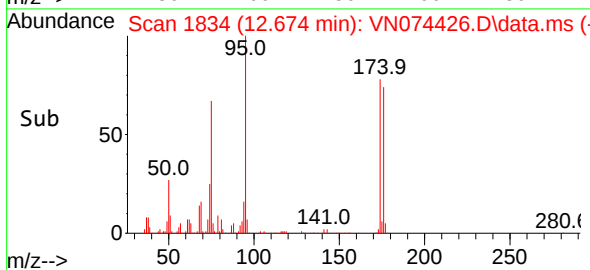
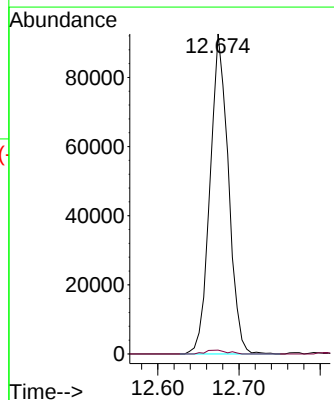
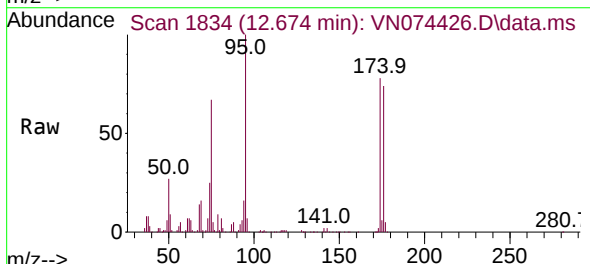
Instrument :
MSVOA_N
ClientSampleId :
VN0913WBL01

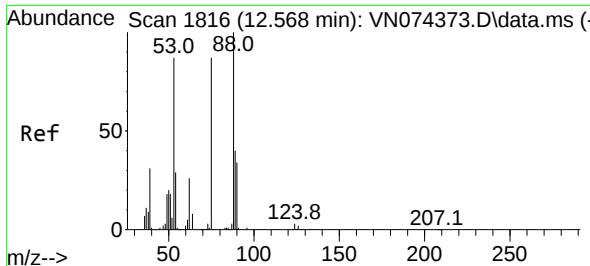
Tgt Ion: 43	Resp: 932
Ion Ratio	Lower Upper
43 100	
70 13.5	31.4 47.0#
55 0.0	17.0 25.6#
61 0.0	18.4 27.6#



#76
1,2,3-Trichloropropane
Concen: 24.339 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. -0.147 min
Lab File: VN074426.D
Acq: 12 Sep 2022 23:20

Tgt Ion: 75	Resp: 145185
Ion Ratio	Lower Upper
75 100	
77 1.4	78.9 236.7#

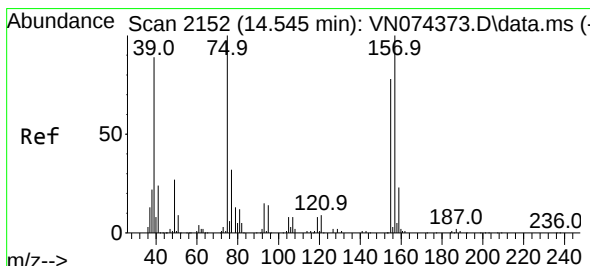
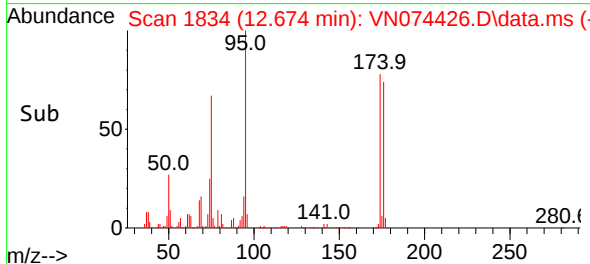
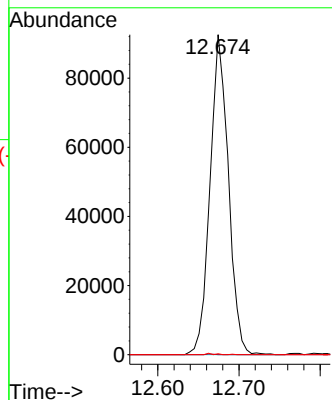
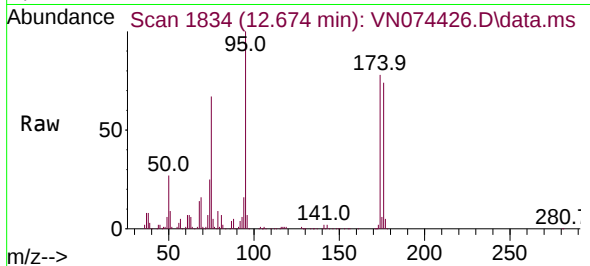




#81
trans-1,4-Dichloro-2-butene
Concen: 54.251 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.106 min
Lab File: VN074426.D
Acq: 12 Sep 2022 23:20

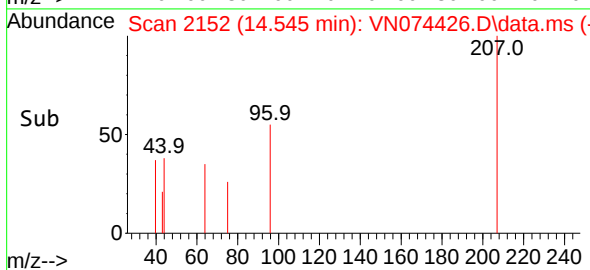
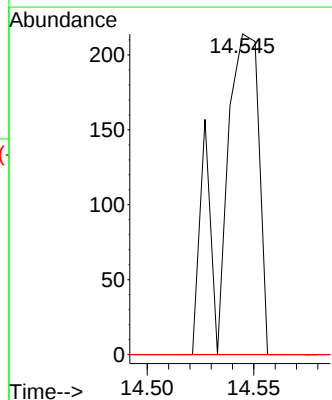
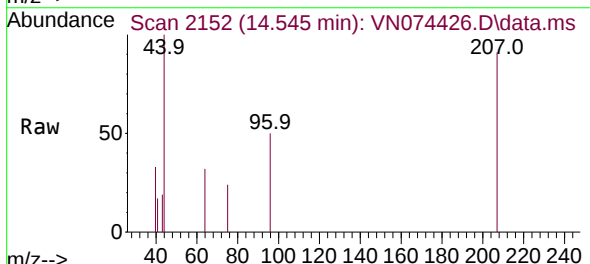
Instrument :
MSVOA_N
ClientSampleId :
VN0913WBL01

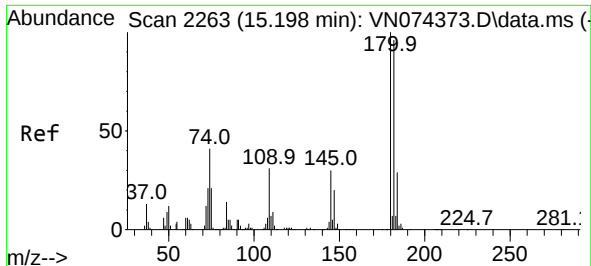
Tgt Ion: 75 Resp: 145185
Ion Ratio Lower Upper
75 100
53 0.1 82.2 123.2#
89 0.2 37.7 56.5#



#92
1,2-Dibromo-3-Chloropropane
Concen: Below Cal
RT: 14.545 min Scan# 2152
Delta R.T. -0.000 min
Lab File: VN074426.D
Acq: 12 Sep 2022 23:20

Tgt Ion: 75 Resp: 263
Ion Ratio Lower Upper
75 100
155 0.0 36.6 109.9#
157 0.0 46.2 138.5#

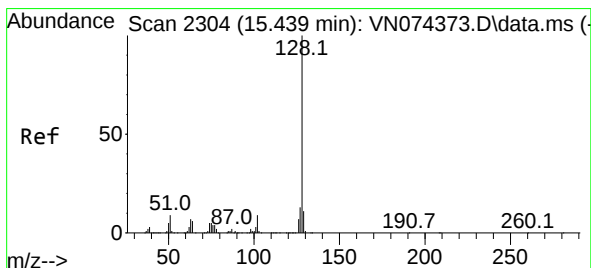
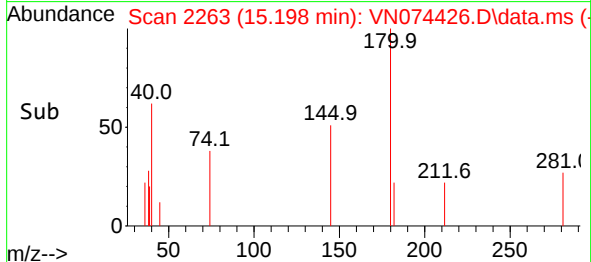
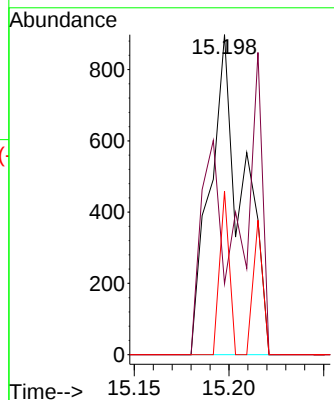
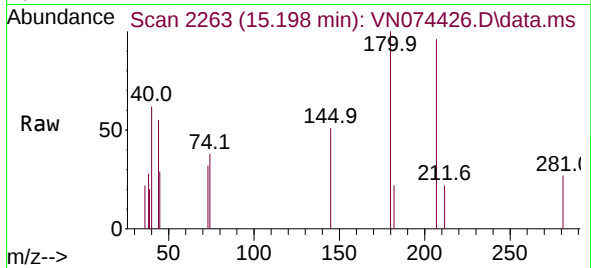




#93
1,2,4-Trichlorobenzene
Concen: 0.236 ug/l
RT: 15.198 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN074426.D
Acq: 12 Sep 2022 23:20

Instrument :
MSVOA_N
ClientSampleId :
VN0913WBL01

Tgt Ion:180 Resp: 1078
Ion Ratio Lower Upper
180 100
182 41.4 47.4 142.2#
145 15.0 16.1 48.2#



#95
Naphthalene
Concen: 0.273 ug/l
RT: 15.456 min Scan# 2307
Delta R.T. 0.018 min
Lab File: VN074426.D
Acq: 12 Sep 2022 23:20

Tgt Ion:128 Resp: 4879
Ion Ratio Lower Upper
128 100
127 0.0 10.6 16.0#
129 0.0 8.8 13.2#

