

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091322\
 Data File : VN074425.D
 Acq On : 13 Sep 2022 11:43
 Operator : JC\MD
 Sample : VN0913MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0913MBL01

Quant Time: Sep 13 17:13:18 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	202733	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	386474	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	370864	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	161538	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	186727	53.235	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 106.480%	
35) Dibromofluoromethane	7.951	113	144121	55.238	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 110.480%	
50) Toluene-d8	10.380	98	489925	48.192	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 96.380%	
62) 4-Bromofluorobenzene	12.674	95	181127	49.073	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 98.140%	

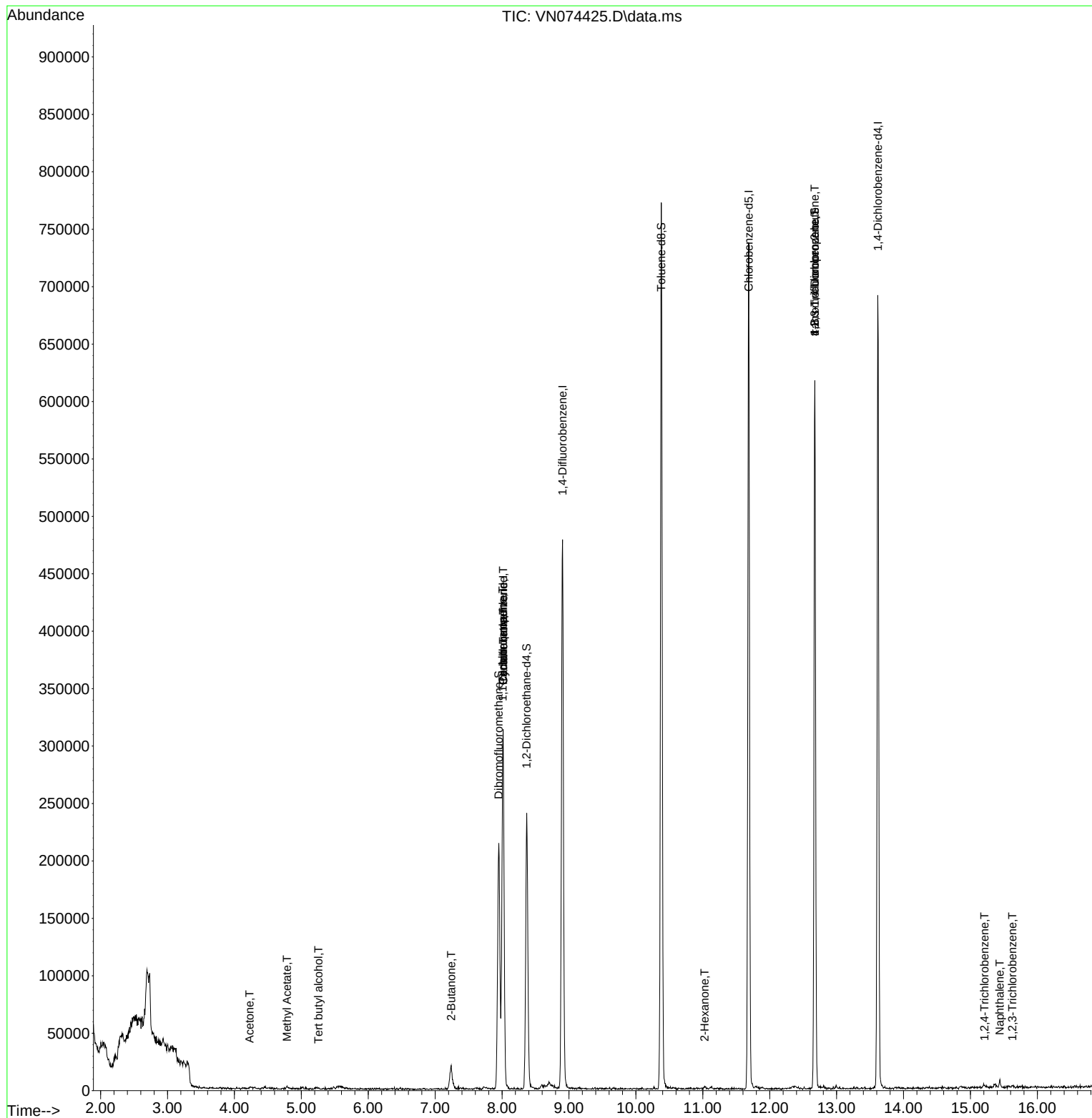
Target Compounds			Qvalue			
3) Chloromethane	2.257	50	1982	Below Cal	94	
11) Tert butyl alcohol	5.257	59	288	0.314 ug/l #	71	
16) Acetone	4.228	43	1868	0.986 ug/l #	84	
18) Methyl Acetate	4.787	43	2434	0.436 ug/l #	79	
20) Methylene Chloride	5.016	84	334	Below Cal #	25	
25) 2-Butanone	7.239	43	2809	0.884 ug/l #	88	
31) Cyclohexane	8.016	56	7313	1.311 ug/l #	27	
36) 1,1-Dichloropropene	8.010	75	21819	5.076 ug/l #	51	
38) Carbon Tetrachloride	8.016	117	25360	5.715 ug/l #	14	
59) 2-Hexanone	11.027	43	1649	0.320 ug/l #	49	
74) N-amyl acetate	12.345	43	308	Below Cal #	84	
76) 1,2,3-Trichloropropane	12.674	75	117733	27.880 ug/l #	1	
81) trans-1,4-Dichloro-2-b...	12.674	75	117733	62.143 ug/l #	9	
92) 1,2-Dibromo-3-Chloropr...	14.545	75	98	Below Cal #	8	
93) 1,2,4-Trichlorobenzene	15.209	180	850	0.263 ug/l #	42	
95) Naphthalene	15.439	128	4894	0.388 ug/l #	91	
96) 1,2,3-Trichlorobenzene	15.627	180	1027	0.307 ug/l	82	

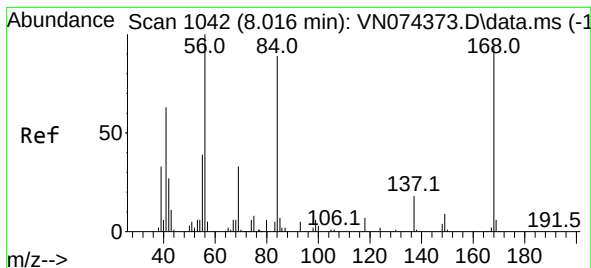
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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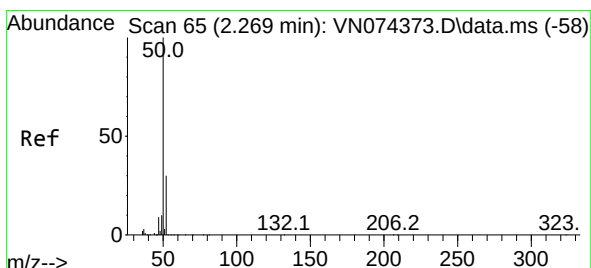
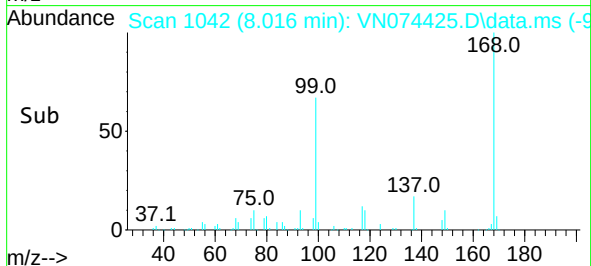
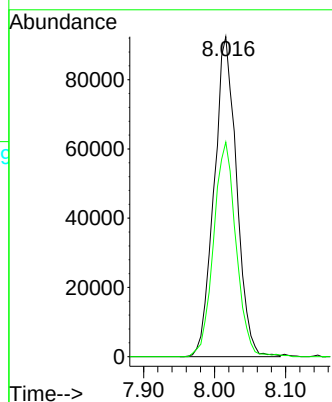
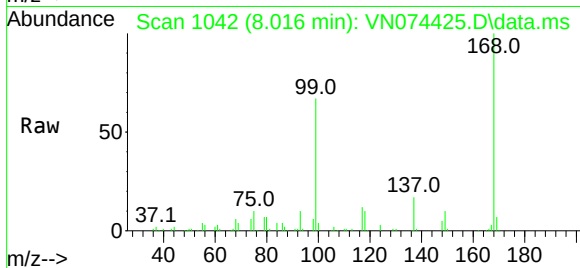




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN074425.D
Acq: 13 Sep 2022 11:43

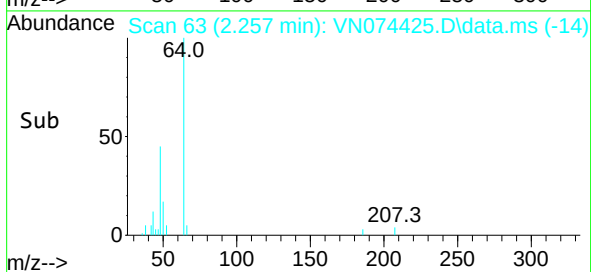
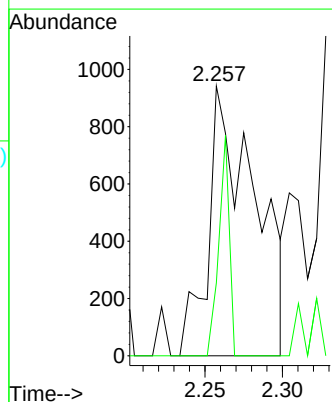
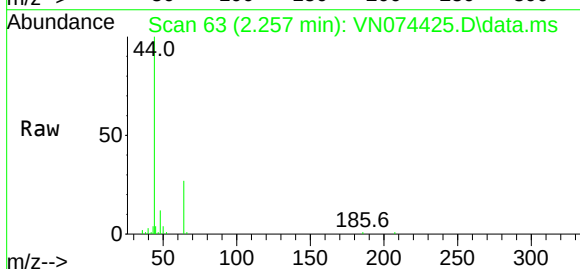
Instrument :
MSVOA_N
ClientSampleId :
VN0913MBL01

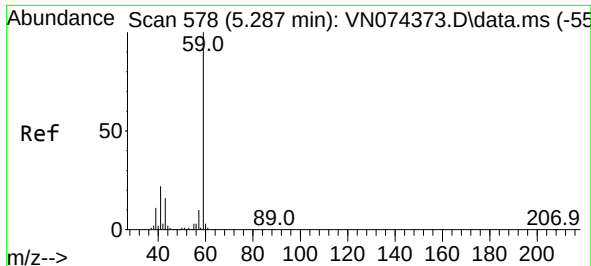
Tgt Ion:168 Resp: 202733
Ion Ratio Lower Upper
168 100
99 67.0 52.8 79.2



#3
Chloromethane
Concen: Below Cal
RT: 2.257 min Scan# 63
Delta R.T. -0.012 min
Lab File: VN074425.D
Acq: 13 Sep 2022 11:43

Tgt Ion: 50 Resp: 1982
Ion Ratio Lower Upper
50 100
52 27.1 24.1 36.1

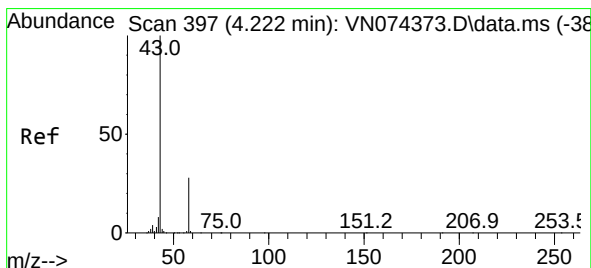
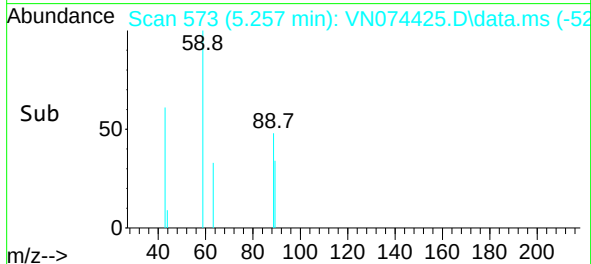
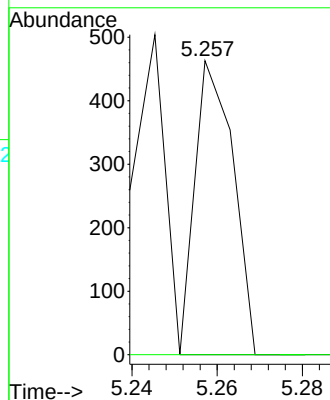
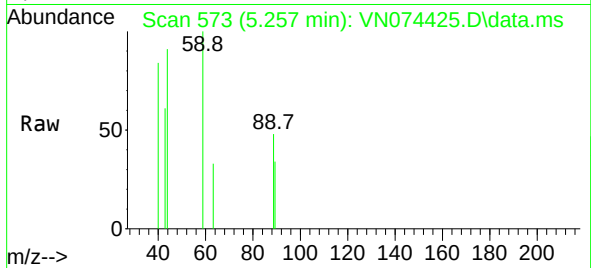




#11
Tert butyl alcohol
Concen: 0.314 ug/l
RT: 5.257 min Scan# 51
Delta R.T. -0.029 min
Lab File: VN074425.D
Acq: 13 Sep 2022 11:43

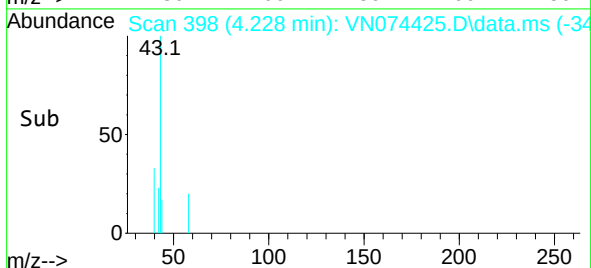
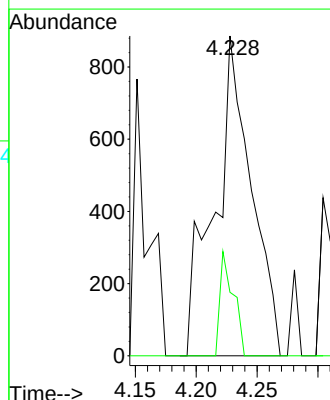
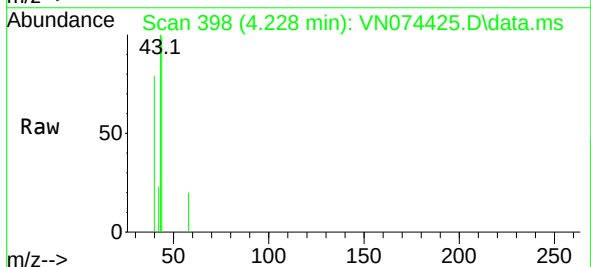
Instrument :
MSVOA_N
ClientSampleId :
VN0913MBL01

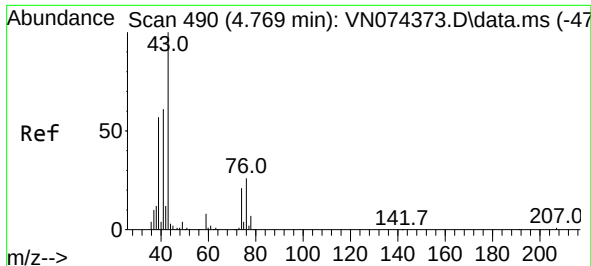
Tgt Ion: 59 Resp: 288
Ion Ratio Lower Upper
59 100
57 0.0 8.8 13.2#



#16
Acetone
Concen: 0.986 ug/l
RT: 4.228 min Scan# 398
Delta R.T. 0.006 min
Lab File: VN074425.D
Acq: 13 Sep 2022 11:43

Tgt Ion: 43 Resp: 1868
Ion Ratio Lower Upper
43 100
58 19.9 22.7 34.1#

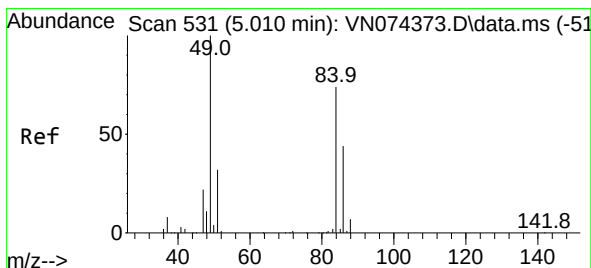
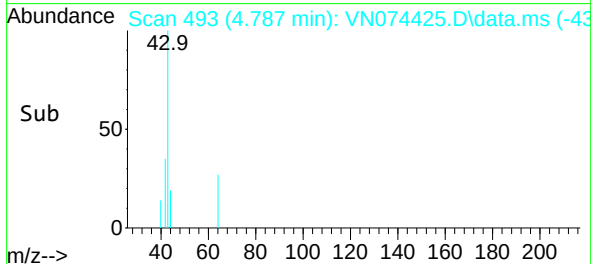
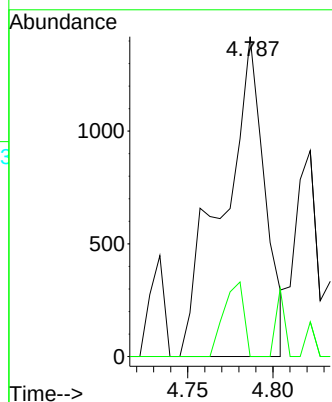
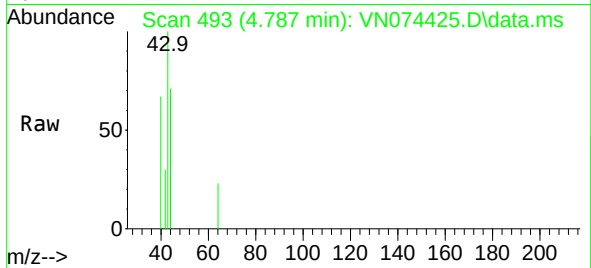




#18
Methyl Acetate
Concen: 0.436 ug/l
RT: 4.787 min Scan# 491
Delta R.T. 0.018 min
Lab File: VN074425.D
Acq: 13 Sep 2022 11:43

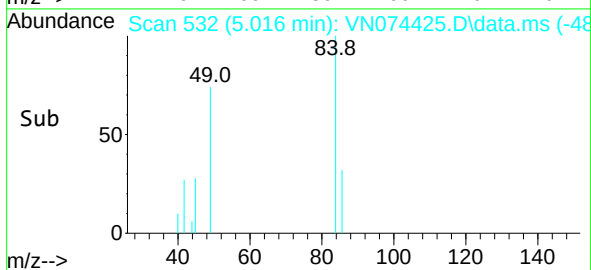
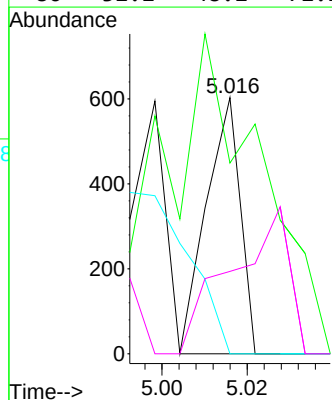
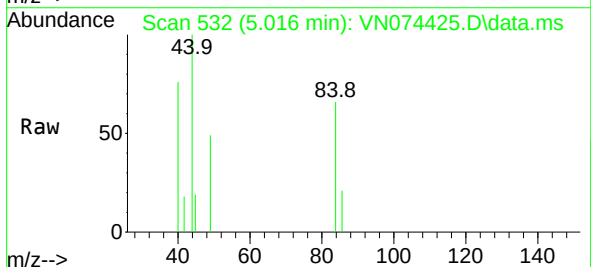
Instrument :
MSVOA_N
ClientSampleId :
VN0913MBL01

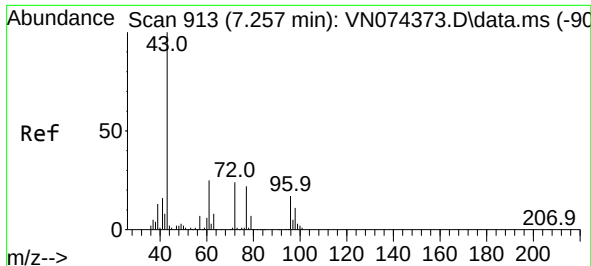
Tgt Ion: 43 Resp: 2434
Ion Ratio Lower Upper
43 100
74 11.2 16.7 25.1#



#20
Methylene Chloride
Concen: Below Cal
RT: 5.016 min Scan# 532
Delta R.T. 0.006 min
Lab File: VN074425.D
Acq: 13 Sep 2022 11:43

Tgt Ion: 84 Resp: 334
Ion Ratio Lower Upper
84 100
49 22.2 108.2 162.4#
51 0.0 34.3 51.5#
86 32.2 48.2 72.2#

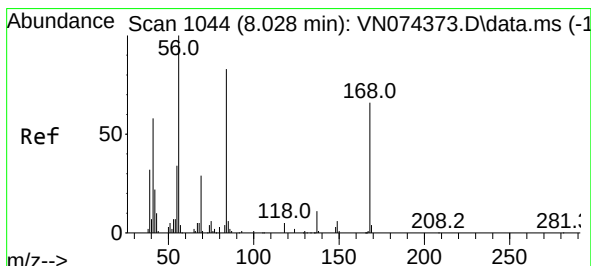
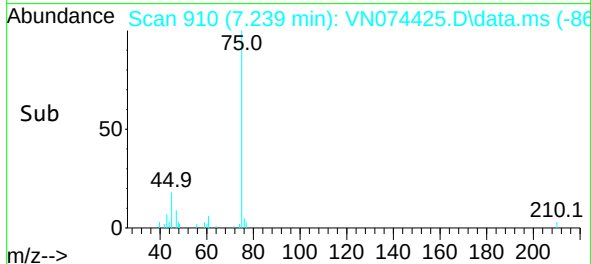
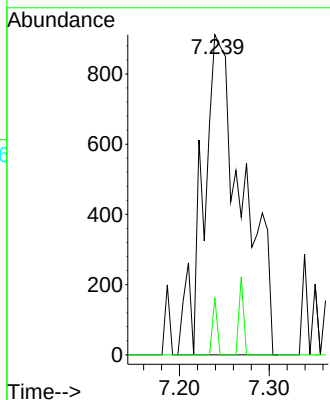
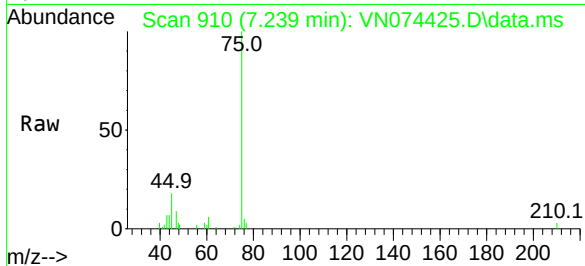




#25
2-Butanone
Concen: 0.884 ug/l
RT: 7.239 min Scan# 91
Delta R.T. -0.018 min
Lab File: VN074425.D
Acq: 13 Sep 2022 11:43

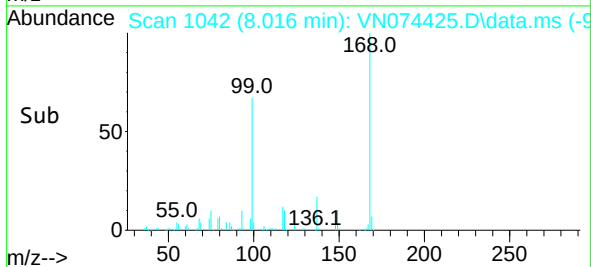
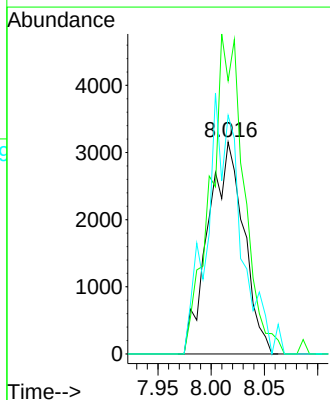
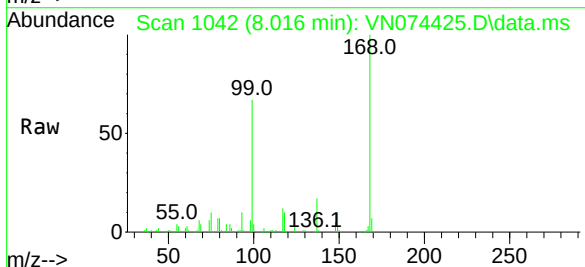
Instrument :
MSVOA_N
ClientSampleId :
VN0913MBL01

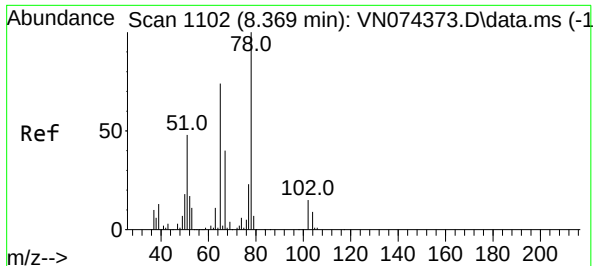
Tgt Ion: 43 Resp: 2809
Ion Ratio Lower Upper
43 100
72 17.8 18.9 28.3#



#31
Cyclohexane
Concen: 1.311 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.012 min
Lab File: VN074425.D
Acq: 13 Sep 2022 11:43

Tgt Ion: 56 Resp: 7313
Ion Ratio Lower Upper
56 100
69 129.0 23.0 34.4#
84 112.6 66.3 99.5#





#33

1,2-Dichloroethane-d4

Concen: 53.235 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VN074425.D

Acq: 13 Sep 2022 11:43

Instrument :

MSVOA_N

ClientSampleId :

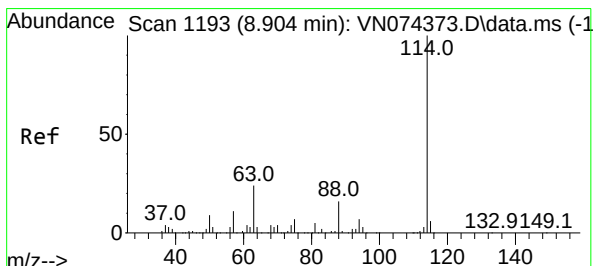
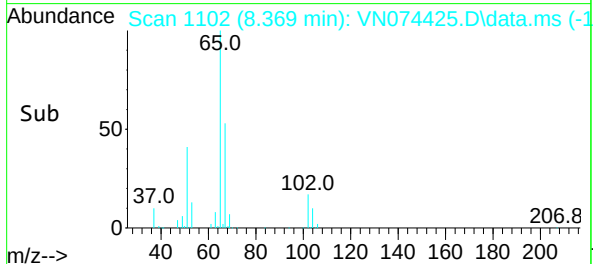
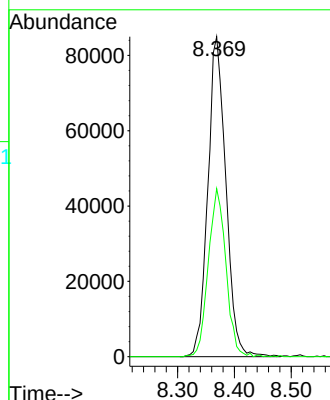
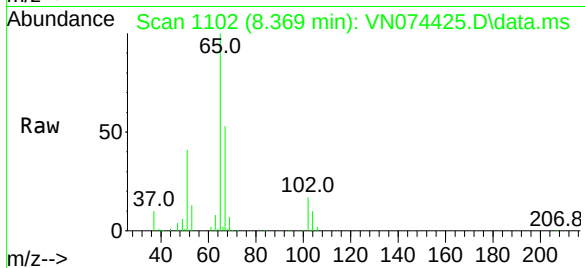
VN0913MBL01

Tgt Ion: 65 Resp: 186727

Ion Ratio Lower Upper

65 100

67 51.4 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: VN074425.D

Acq: 13 Sep 2022 11:43

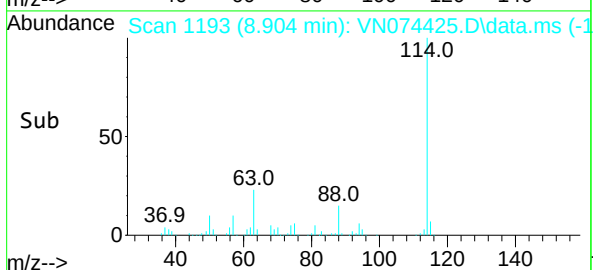
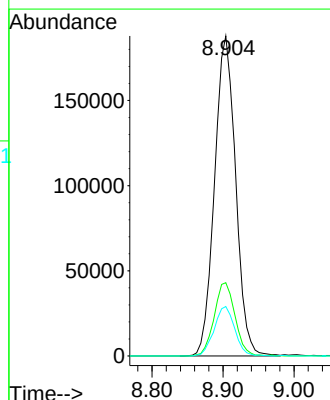
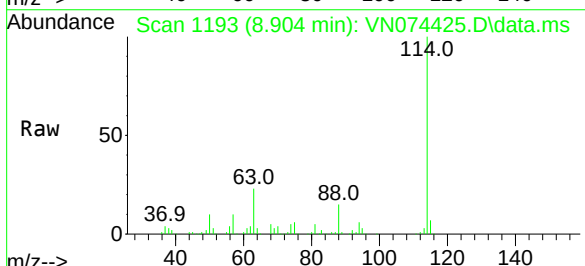
Tgt Ion: 114 Resp: 386474

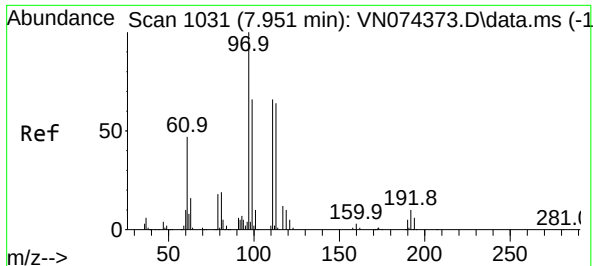
Ion Ratio Lower Upper

114 100

63 22.9 0.0 47.6

88 15.4 0.0 31.4





#35

Dibromofluoromethane

Concen: 55.238 ug/l

RT: 7.951 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN074425.D

Acq: 13 Sep 2022 11:43

Instrument :

MSVOA_N

ClientSampleId :

VN0913MBL01

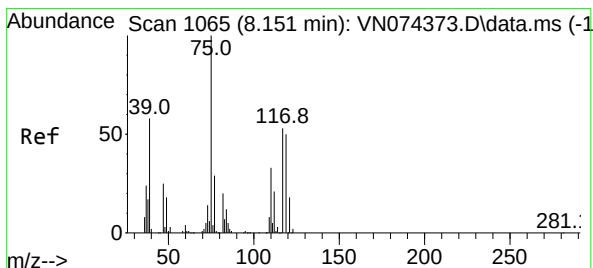
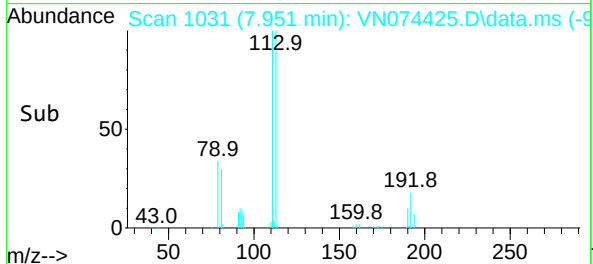
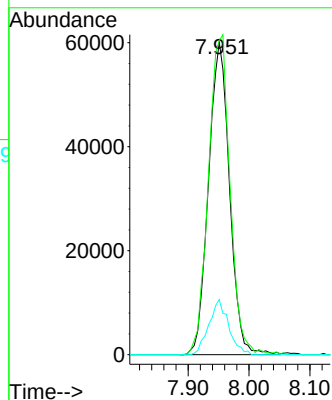
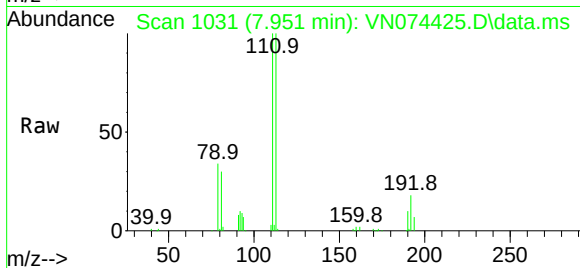
Tgt Ion:113 Resp: 144121

Ion Ratio Lower Upper

113 100

111 105.6 83.0 124.4

192 16.6 13.7 20.5



#36

1,1-Dichloropropene

Concen: 5.076 ug/l

RT: 8.010 min Scan# 1041

Delta R.T. -0.141 min

Lab File: VN074425.D

Acq: 13 Sep 2022 11:43

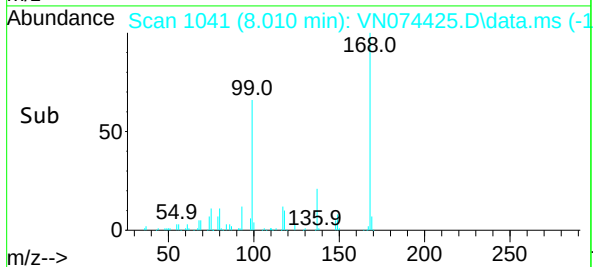
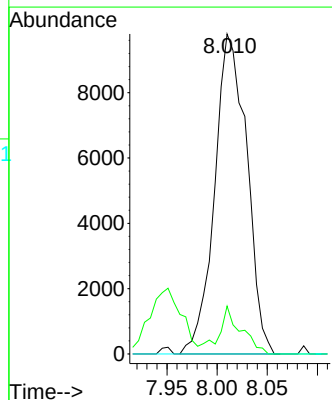
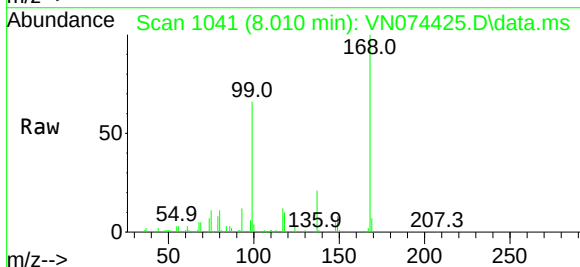
Tgt Ion: 75 Resp: 21819

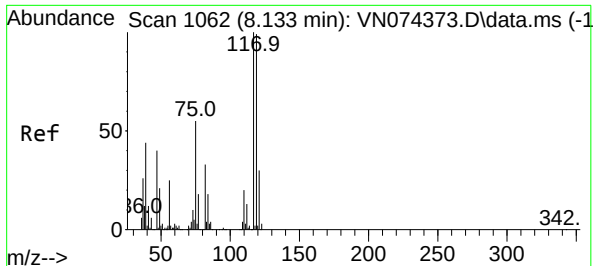
Ion Ratio Lower Upper

75 100

110 9.9 16.4 49.1#

77 0.0 25.4 38.2#

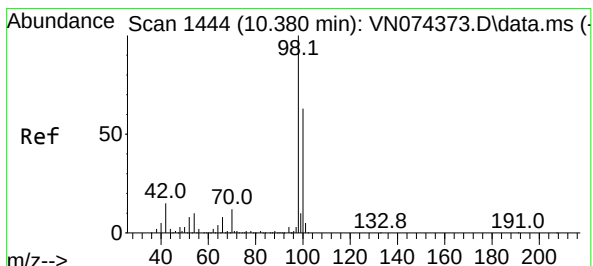
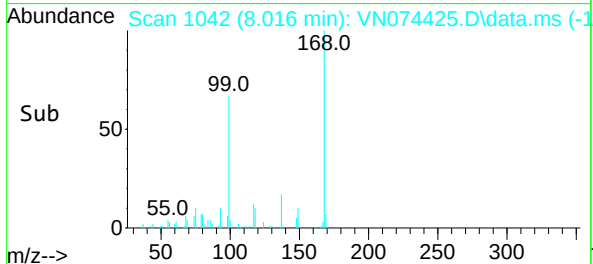
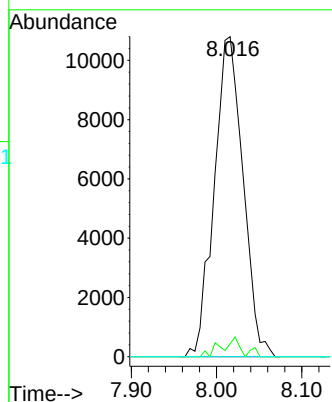
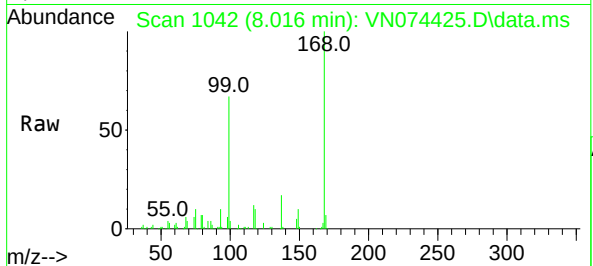




#38
Carbon Tetrachloride
Concen: 5.715 ug/l
RT: 8.016 min Scan# 1062
Delta R.T. -0.118 min
Lab File: VN074425.D
Acq: 13 Sep 2022 11:43

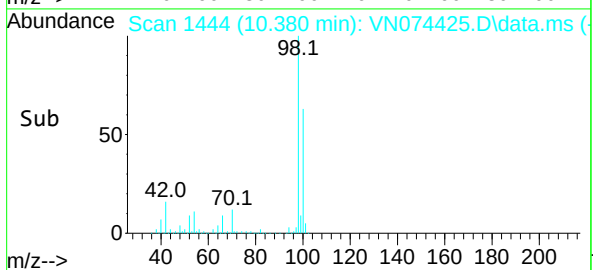
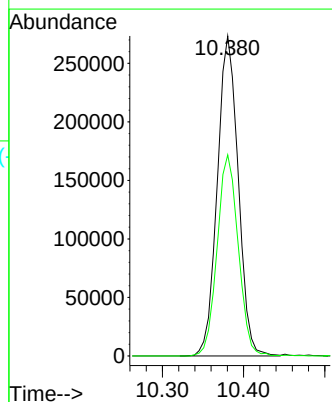
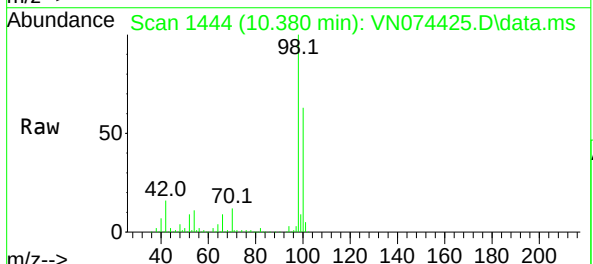
Instrument :
MSVOA_N
ClientSampleId :
VN0913MBL01

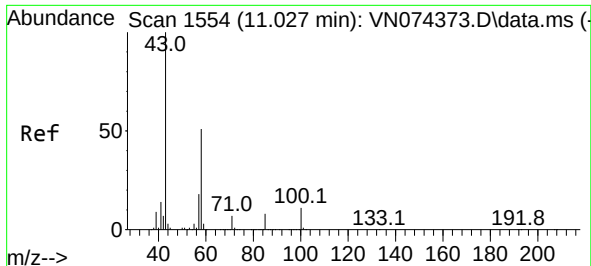
Tgt Ion:117 Resp: 25360
Ion Ratio Lower Upper
117 100
119 4.0 78.8 118.2#
121 0.0 24.1 36.1#



#50
Toluene-d8
Concen: 48.192 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN074425.D
Acq: 13 Sep 2022 11:43

Tgt Ion: 98 Resp: 489925
Ion Ratio Lower Upper
98 100
100 63.2 50.6 76.0

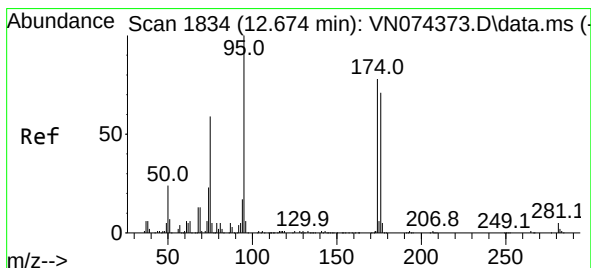
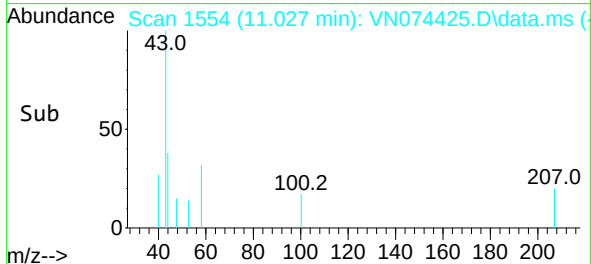
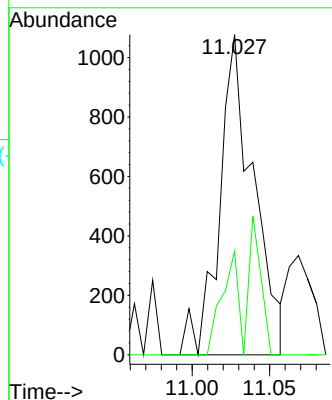
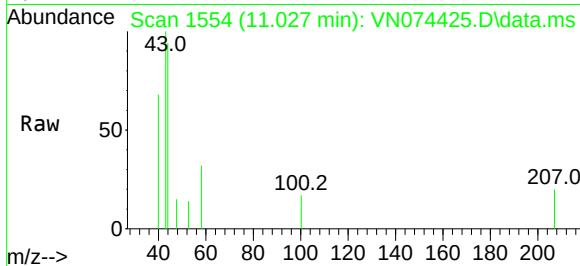




#59
2-Hexanone
Concen: 0.320 ug/l
RT: 11.027 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN074425.D
Acq: 13 Sep 2022 11:43

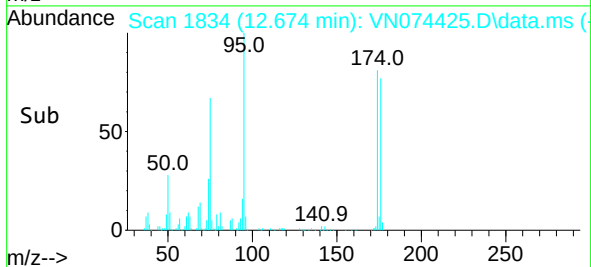
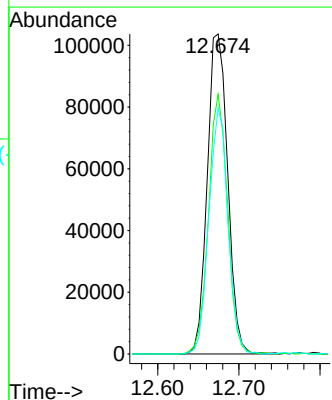
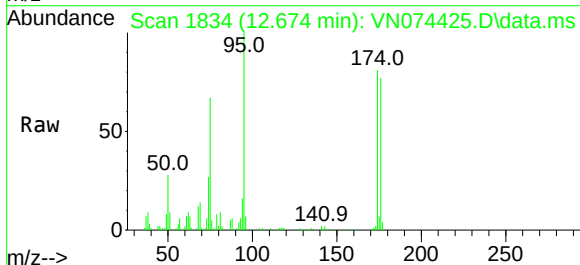
Instrument :
MSVOA_N
ClientSampleId :
VN0913MBL01

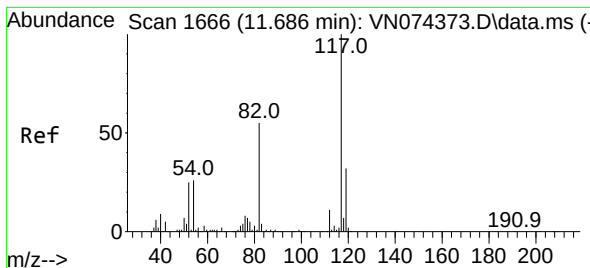
Tgt Ion: 43 Resp: 1649
Ion Ratio Lower Upper
43 100
58 15.6 25.8 77.3#



#62
4-Bromofluorobenzene
Concen: 49.073 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN074425.D
Acq: 13 Sep 2022 11:43

Tgt Ion: 95 Resp: 181127
Ion Ratio Lower Upper
95 100
174 75.8 0.0 150.6
176 71.7 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: VN074425.D

Acq: 13 Sep 2022 11:43

Instrument :

MSVOA_N

ClientSampleId :

VN0913MBL01

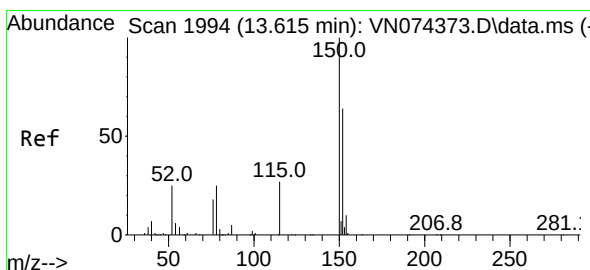
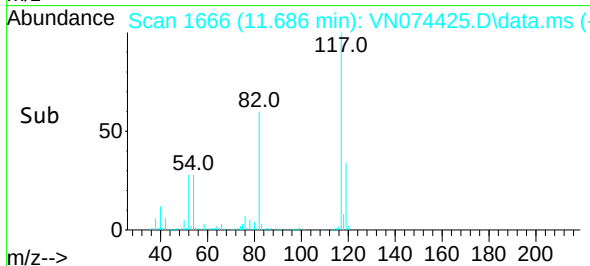
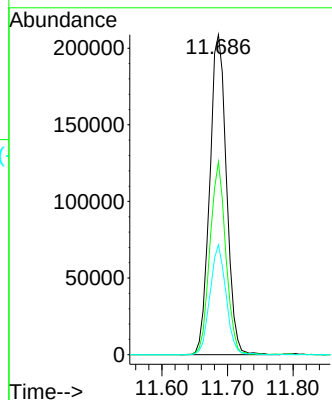
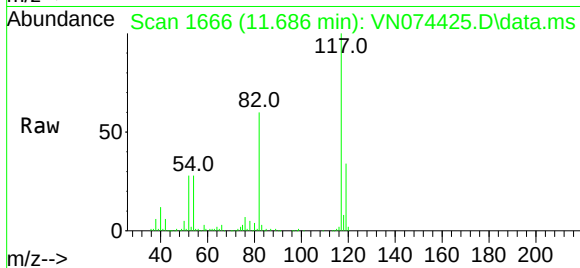
Tgt Ion:117 Resp: 370864

Ion Ratio Lower Upper

117 100

82 60.2 44.3 66.5

119 34.3 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: VN074425.D

Acq: 13 Sep 2022 11:43

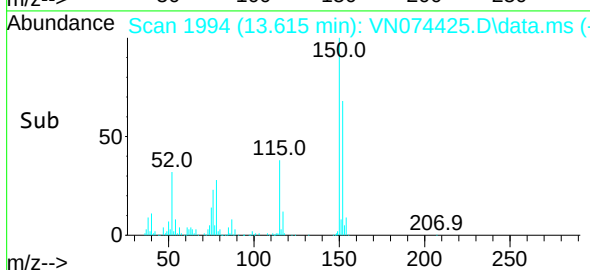
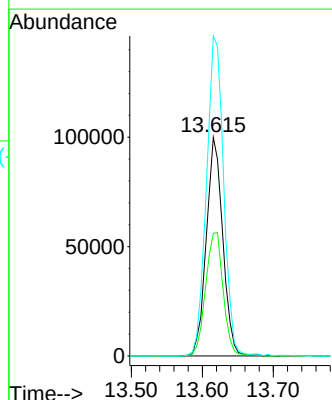
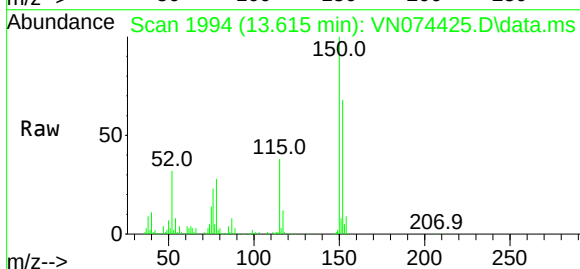
Tgt Ion:152 Resp: 161538

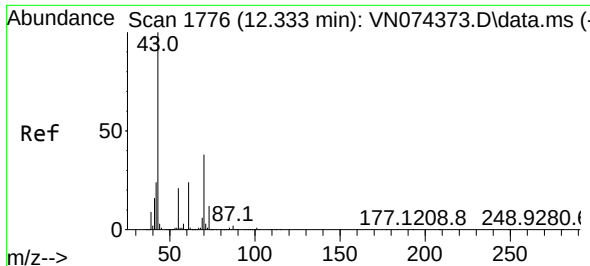
Ion Ratio Lower Upper

152 100

115 60.1 32.0 96.0

150 152.7 0.0 359.6

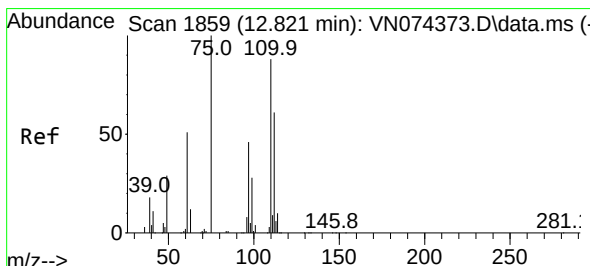
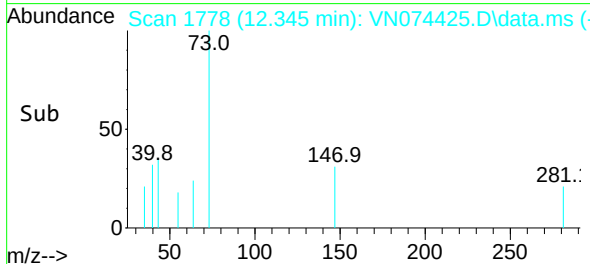
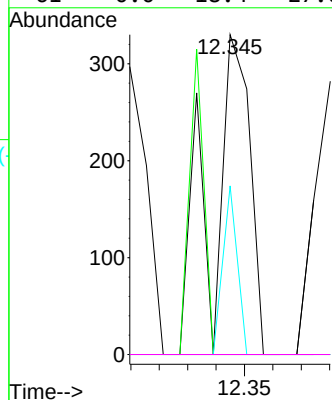
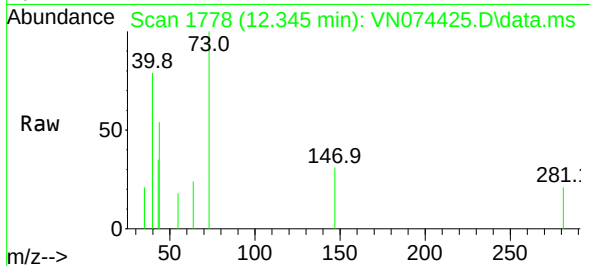




#74
N-amy1 acetate
Concen: Below Cal
RT: 12.345 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN074425.D
Acq: 13 Sep 2022 11:43

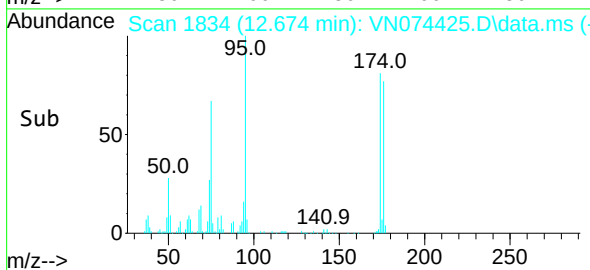
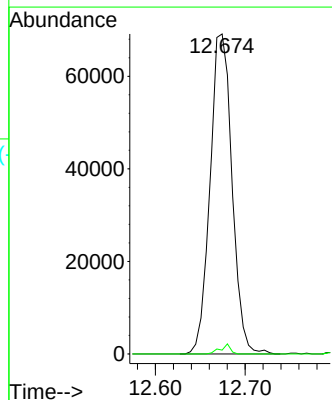
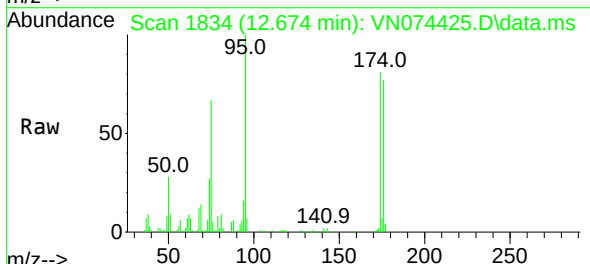
Instrument :
MSVOA_N
ClientSampleId :
VN0913MBL01

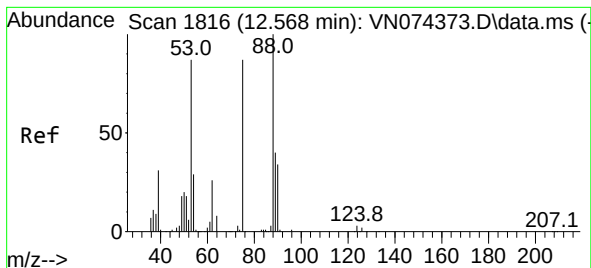
Tgt Ion: 43	Resp:	308	
Ion	Ratio	Lower	Upper
43	100		
70	36.0	31.4	47.0
55	19.8	17.0	25.6
61	0.0	18.4	27.6#



#76
1,2,3-Trichloropropane
Concen: 27.880 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. -0.147 min
Lab File: VN074425.D
Acq: 13 Sep 2022 11:43

Tgt Ion: 75	Resp: 117733
Ion Ratio	Lower Upper
75 100	
77 1.4	78.9 236.7#

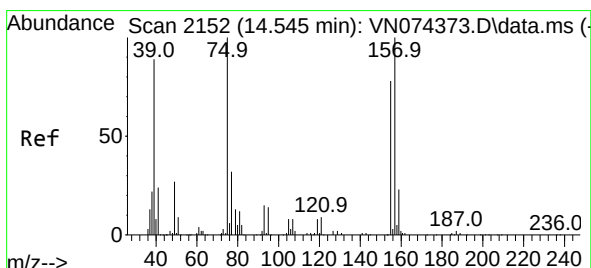
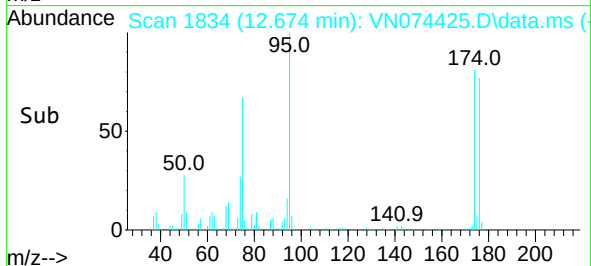
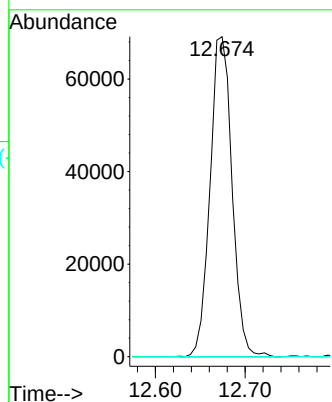
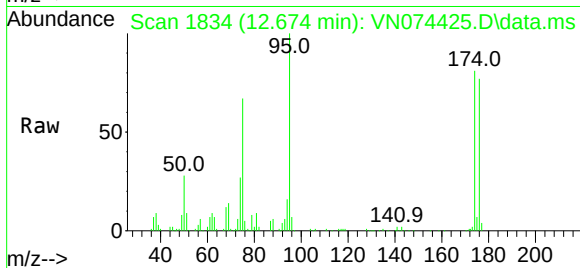




#81
 trans-1,4-Dichloro-2-butene
 Concen: 62.143 ug/l
 RT: 12.674 min Scan# 117733
 Delta R.T. 0.106 min
 Lab File: VN074425.D
 Acq: 13 Sep 2022 11:43

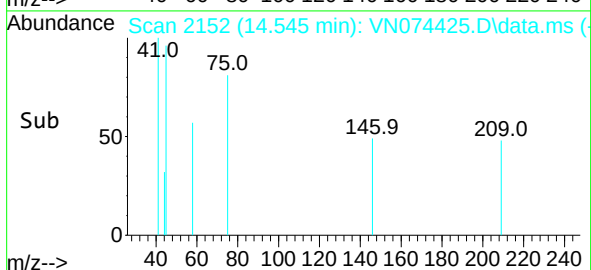
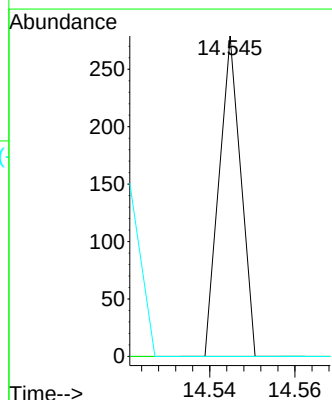
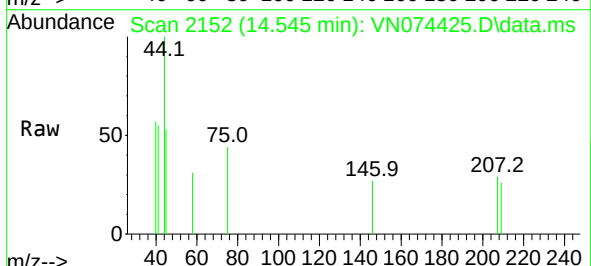
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0913MBL01

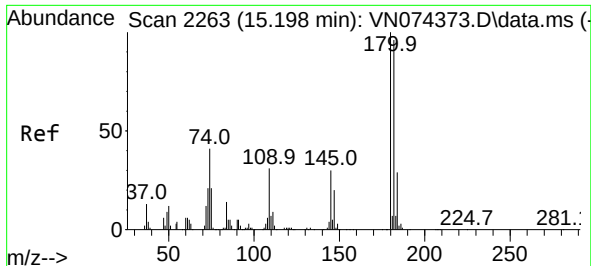
Tgt Ion: 75 Resp: 117733
 Ion Ratio Lower Upper
 75 100
 53 0.0 82.2 123.2#
 89 0.0 37.7 56.5#



#92
 1,2-Dibromo-3-Chloropropane
 Concen: Below Cal
 RT: 14.545 min Scan# 2152
 Delta R.T. -0.000 min
 Lab File: VN074425.D
 Acq: 13 Sep 2022 11:43

Tgt Ion: 75 Resp: 98
 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: 0.263 ug/l

RT: 15.209 min Scan# 21

Delta R.T. 0.012 min

Lab File: VN074425.D

Acq: 13 Sep 2022 11:43

Instrument :

MSVOA_N

ClientSampleId :

VN0913MBL01

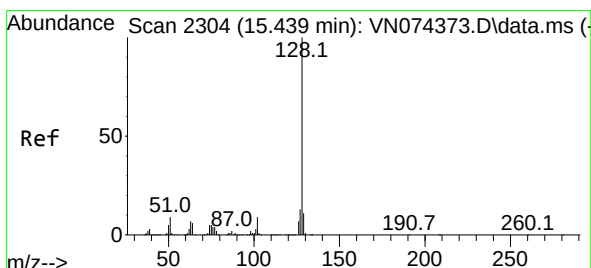
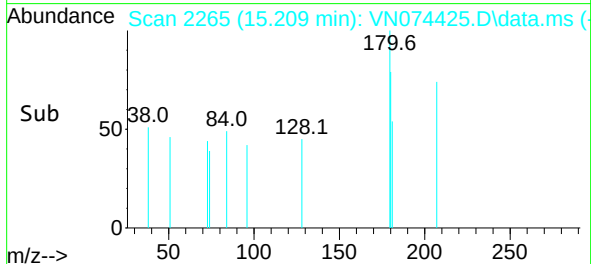
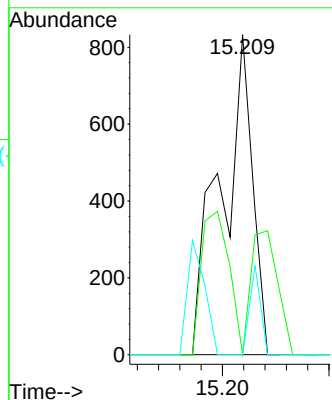
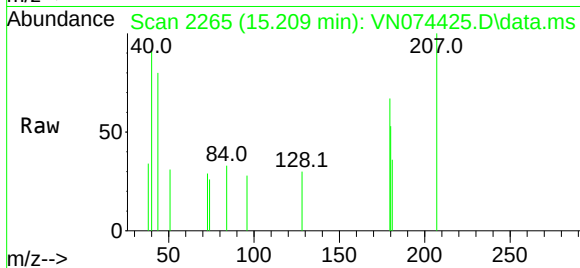
Tgt Ion:180 Resp: 850

Ion Ratio Lower Upper

180 100

182 32.9 47.4 142.2#

145 9.6 16.1 48.2#



#95

Naphthalene

Concen: 0.388 ug/l

RT: 15.439 min Scan# 2304

Delta R.T. -0.000 min

Lab File: VN074425.D

Acq: 13 Sep 2022 11:43

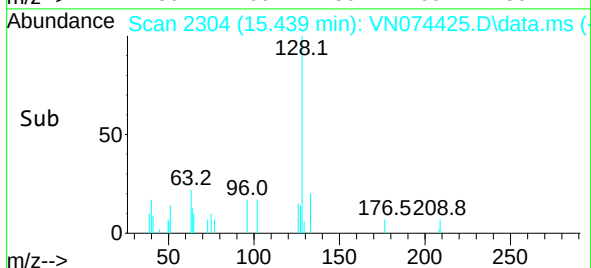
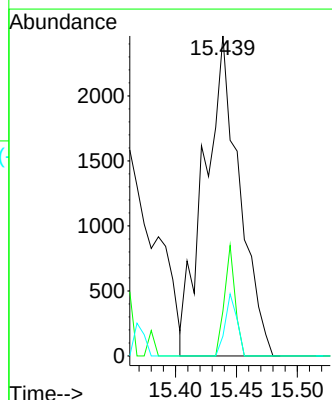
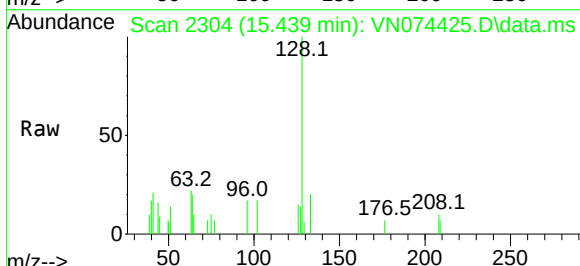
Tgt Ion:128 Resp: 4894

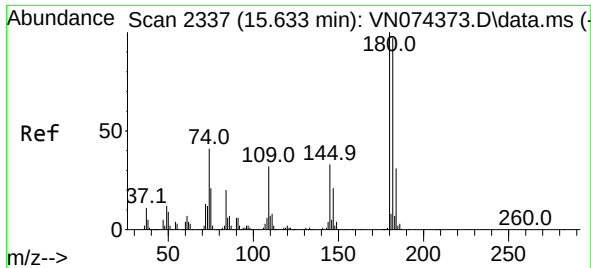
Ion Ratio Lower Upper

128 100

127 10.7 10.6 16.0

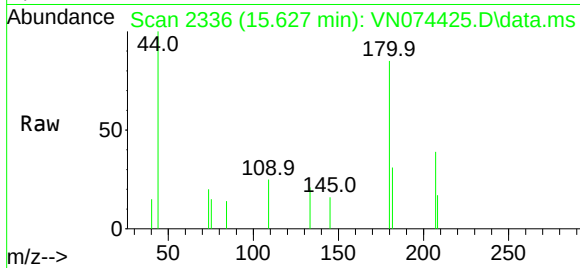
129 6.6 8.8 13.2#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.307 ug/l
 RT: 15.627 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VN074425.D
 Acq: 13 Sep 2022 11:43

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0913MBL01



Tgt Ion:	180	Resp:	1027
Ion	Ratio	Lower	Upper
180	100		
182	109.4	47.6	142.8
145	18.3	17.3	52.0

