

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071922\
 Data File : VN073512.D
 Acq On : 19 Jul 2022 13:26
 Operator : JC\MD
 Sample : VN0719MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0719MBL01

Quant Time: Jul 20 06:24:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 01:54:03 2022
 Response via : Initial Calibration

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

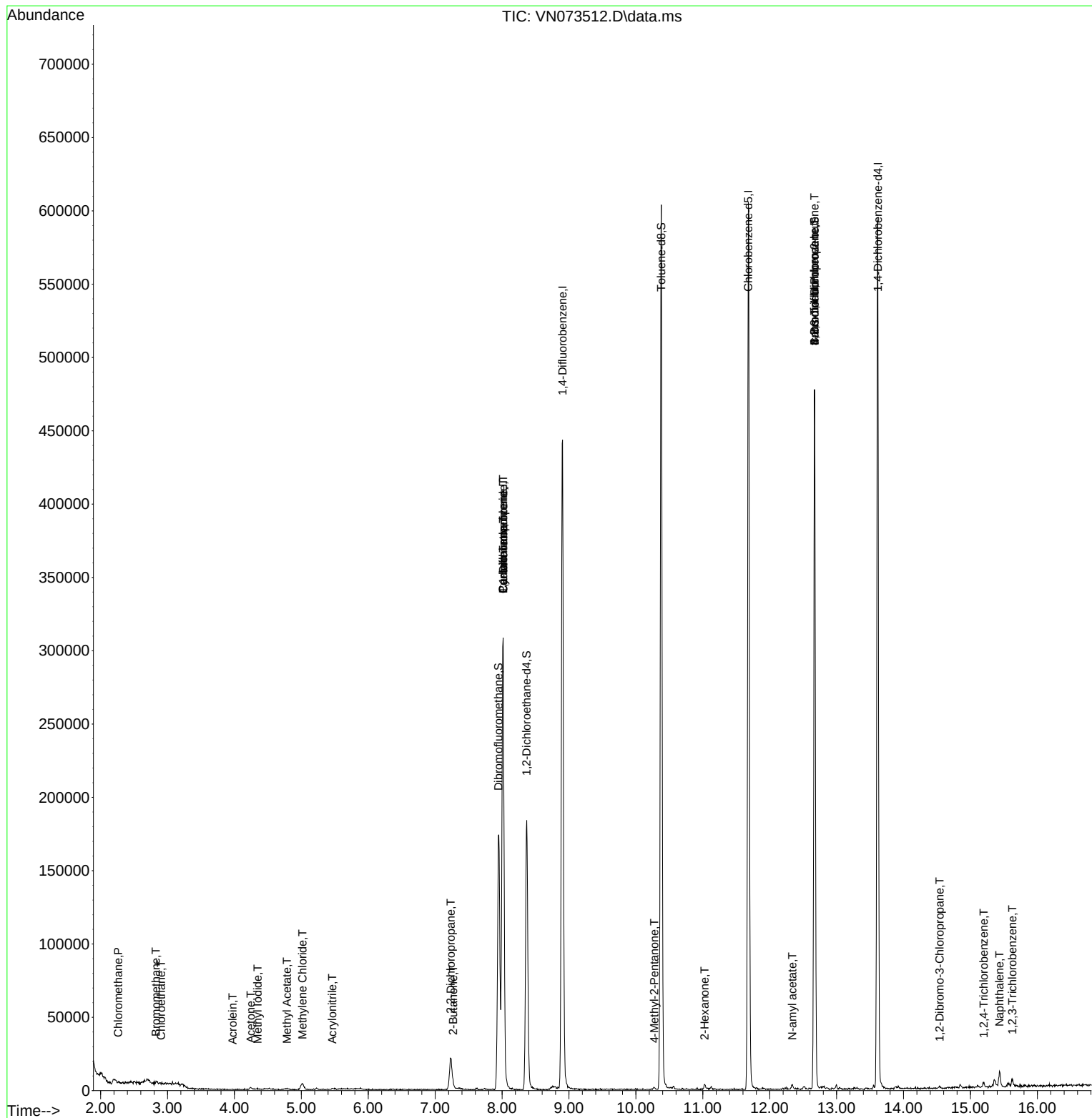
Internal Standards						
1) Pentafluorobenzene	8.016	168	230723	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	385920	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	348805	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	159674	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	156076	46.859	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	93.720%		
35) Dibromofluoromethane	7.945	113	132674	51.673	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	103.340%		
50) Toluene-d8	10.380	98	408161	44.759	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	89.520%		
62) 4-Bromofluorobenzene	12.669	95	166271	47.446	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	94.900%		
Target Compounds					Qvalue	
3) Chloromethane	2.263	50	796	0.243	ug/l	89
5) Bromomethane	2.828	94	876	0.667	ug/l #	72
6) Chloroethane	2.904	64	576	0.352	ug/l #	42
10) Methyl Iodide	4.346	142	320	3.812	ug/l #	44
13) Acrolein	3.975	56	175	0.343	ug/l #	54
15) Acrylonitrile	5.463	53	892	0.429	ug/l #	43
16) Acetone	4.246	43	2056	1.100	ug/l #	88
18) Methyl Acetate	4.787	43	1787	0.341	ug/l #	56
20) Methylene Chloride	5.016	84	3539	1.077	ug/l	88
25) 2-Butanone	7.269	43	1185	0.398	ug/l #	74
26) 2,2-Dichloropropane	7.234	77	1483	0.290	ug/l #	53
31) Cyclohexane	8.016	56	5440	0.997	ug/l #	27
36) 1,1-Dichloropropene	8.016	75	19027	4.816	ug/l #	49
38) Carbon Tetrachloride	8.016	117	23963	5.865	ug/l #	16
51) 4-Methyl-2-Pentanone	10.275	43	1699	0.312	ug/l #	82
59) 2-Hexanone	11.027	43	4010	0.967	ug/l	68
71) Bromoform	12.669	173	1063	0.501	ug/l #	28
74) N-amyl acetate	12.339	43	1746	0.253	ug/l #	79
76) 1,2,3-Trichloropropane	12.669	75	86146	20.633	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.669	75	86146	56.585	ug/l #	10
92) 1,2-Dibromo-3-Chloropr...	14.539	75	362	0.326	ug/l #	6
93) 1,2,4-Trichlorobenzene	15.198	180	1552	0.509	ug/l	92
95) Naphthalene	15.433	128	9875	0.802	ug/l #	97
96) 1,2,3-Trichlorobenzene	15.627	180	2128	0.676	ug/l	95

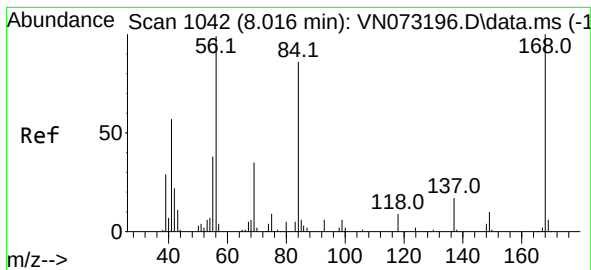
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071922\
Data File : VN073512.D
Acq On : 19 Jul 2022 13:26
Operator : JC\MD
Sample : VN0719MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0719MBL01

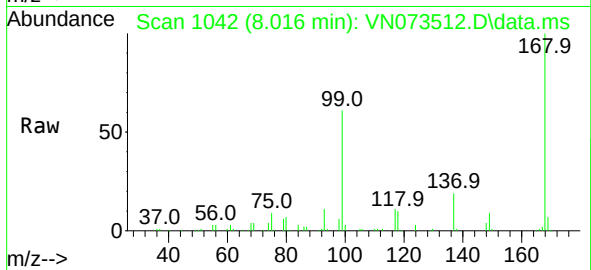
Quant Time: Jul 20 06:24:07 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 29 01:54:03 2022
Response via : Initial Calibration



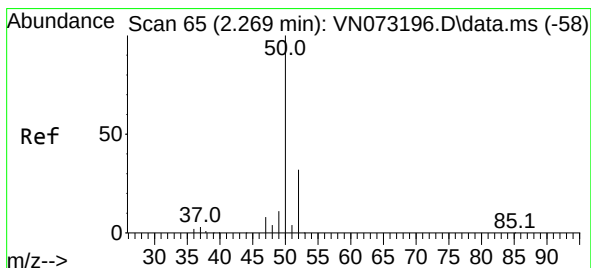
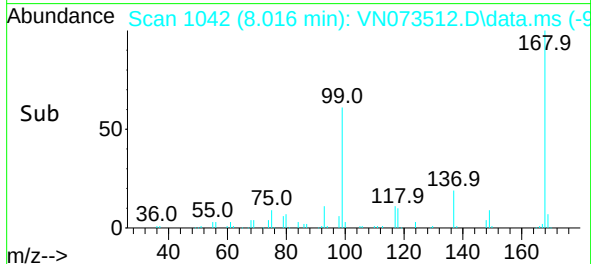
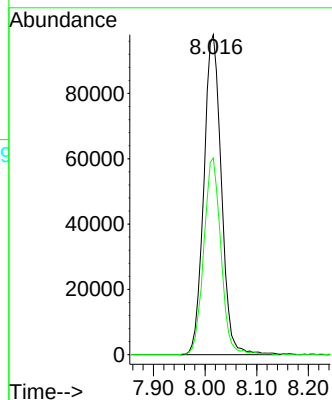


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073512.D
Acq: 19 Jul 2022 13:26

Instrument :
MSVOA_N
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VN0719MBL01

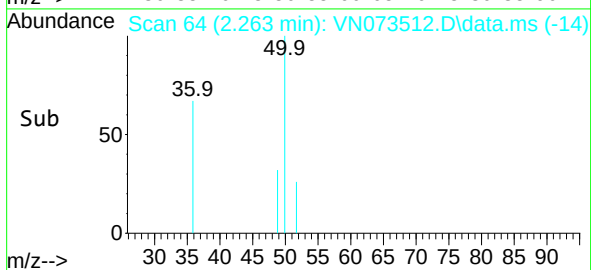
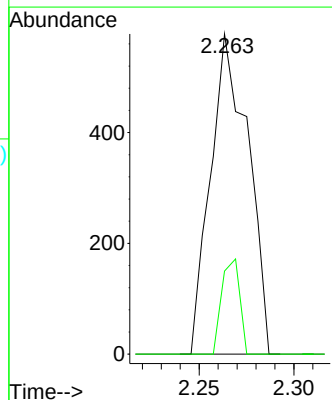
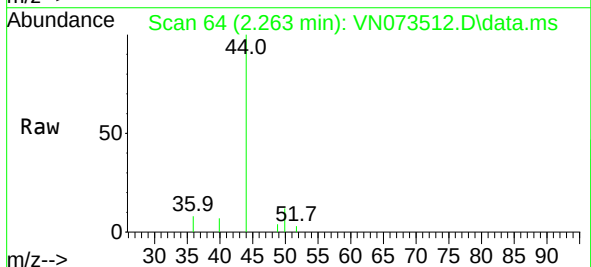


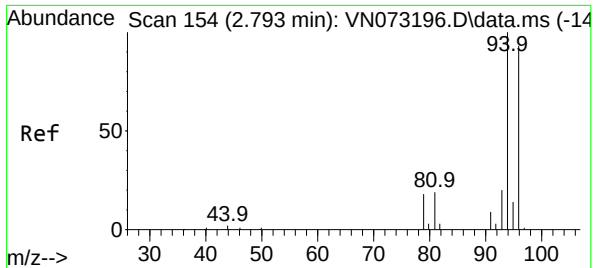
Tgt Ion:168 Resp: 230723
Ion Ratio Lower Upper
168 100
99 61.4 42.3 63.5



#3
Chloromethane
Concen: 0.243 ug/l
RT: 2.263 min Scan# 64
Delta R.T. -0.006 min
Lab File: VN073512.D
Acq: 19 Jul 2022 13:26

Tgt Ion: 50 Resp: 796
Ion Ratio Lower Upper
50 100
52 26.0 25.7 38.5

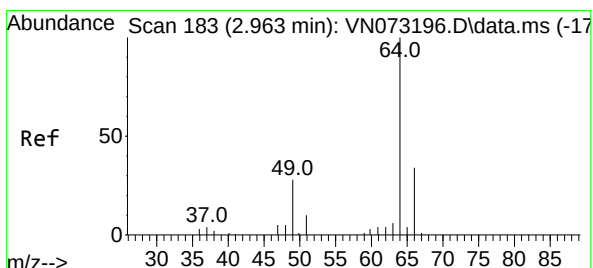
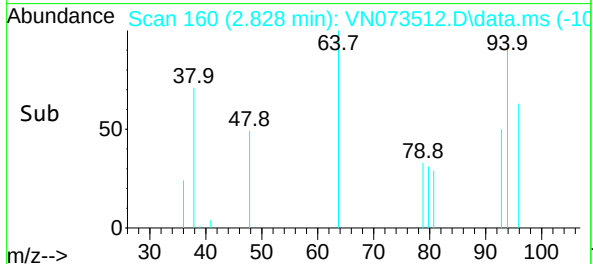
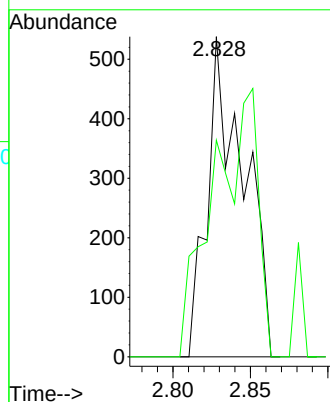
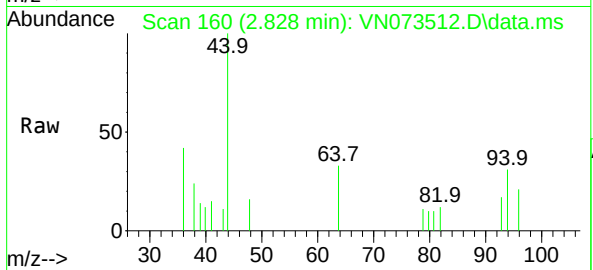




#5
Bromomethane
Concen: 0.667 ug/l
RT: 2.828 min Scan# 11
Delta R.T. 0.035 min
Lab File: VN073512.D
Acq: 19 Jul 2022 13:26

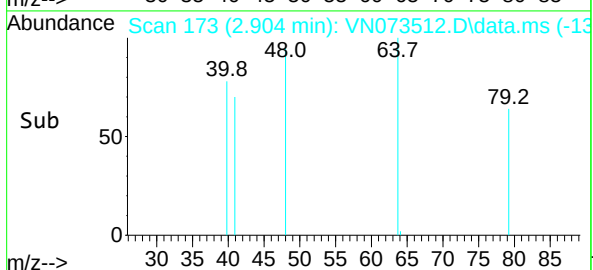
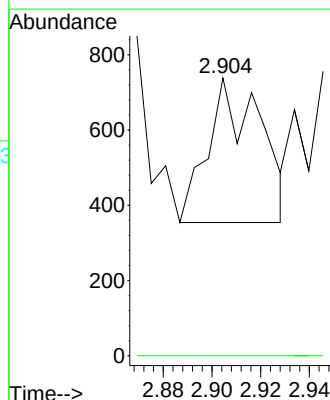
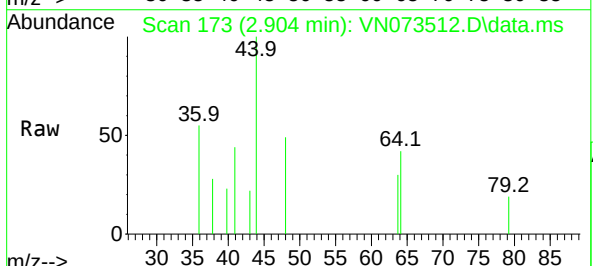
Instrument :
MSVOA_N
ClientSampleId :
VN0719MBL01

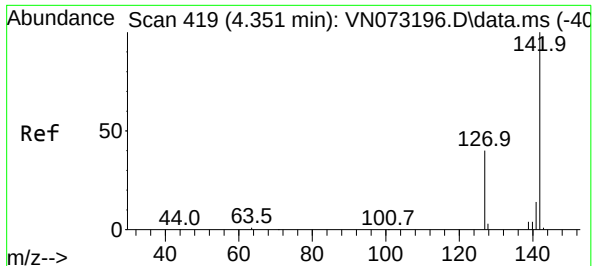
Tgt Ion: 94 Resp: 876
Ion Ratio Lower Upper
94 100
96 67.7 76.0 114.0#



#6
Chloroethane
Concen: 0.352 ug/l
RT: 2.904 min Scan# 173
Delta R.T. -0.059 min
Lab File: VN073512.D
Acq: 19 Jul 2022 13:26

Tgt Ion: 64 Resp: 576
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#

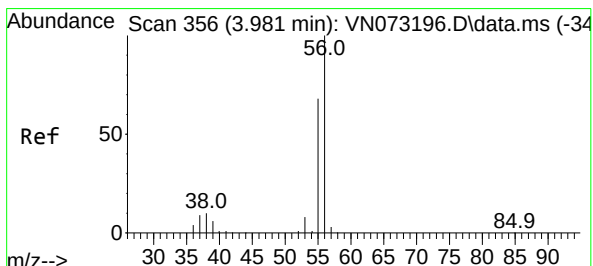
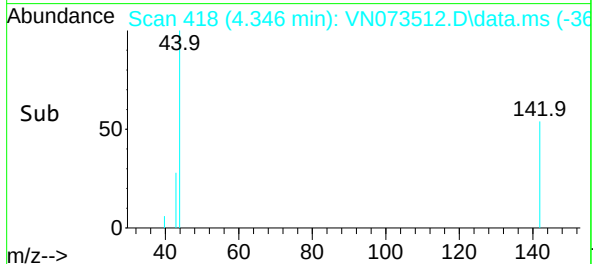
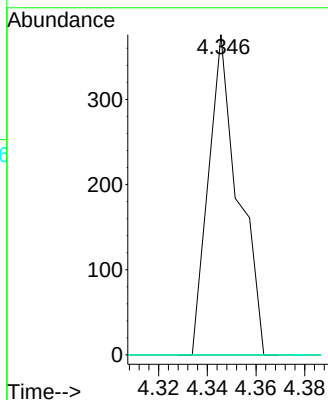
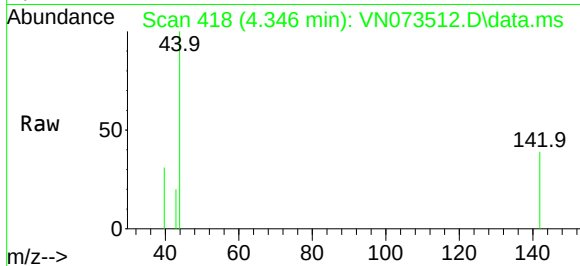




#10
Methyl Iodide
Concen: 3.812 ug/l
RT: 4.346 min Scan# 419
Delta R.T. -0.005 min
Lab File: VN073512.D
Acq: 19 Jul 2022 13:26

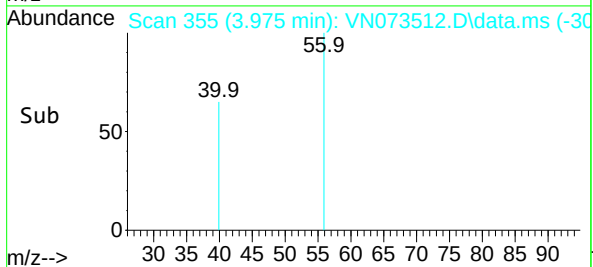
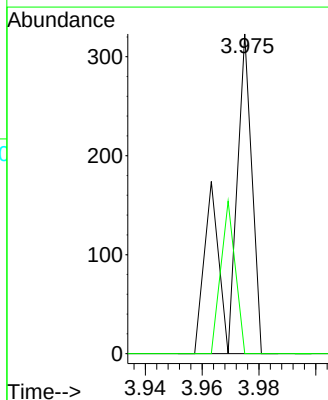
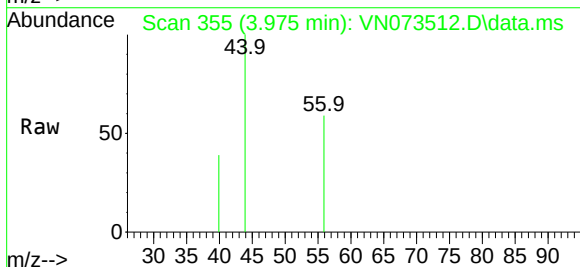
Instrument :
MSVOA_N
ClientSampleId :
VN0719MBL01

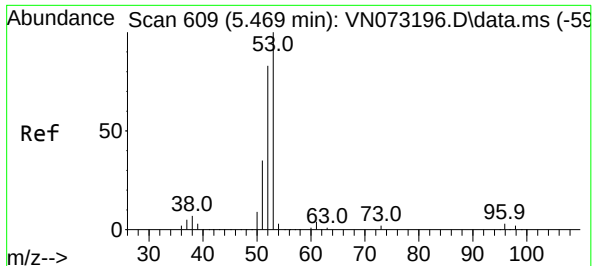
Tgt Ion:142 Resp: 320
Ion Ratio Lower Upper
142 100
127 0.0 31.3 46.9#
141 0.0 11.2 16.8#



#13
Acrolein
Concen: 0.343 ug/l
RT: 3.975 min Scan# 355
Delta R.T. -0.006 min
Lab File: VN073512.D
Acq: 19 Jul 2022 13:26

Tgt Ion: 56 Resp: 175
Ion Ratio Lower Upper
56 100
55 30.9 54.8 82.2#

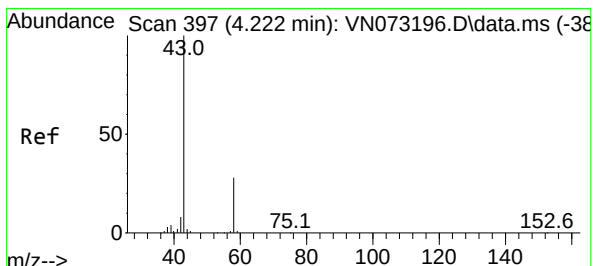
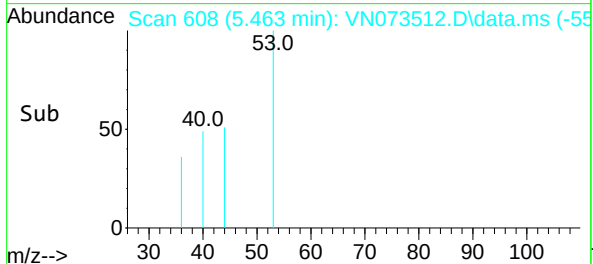
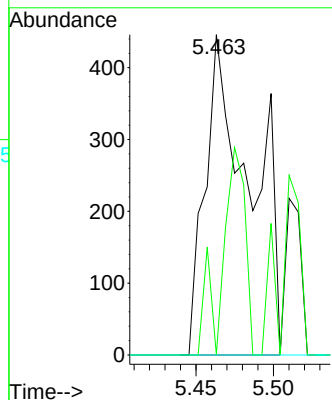
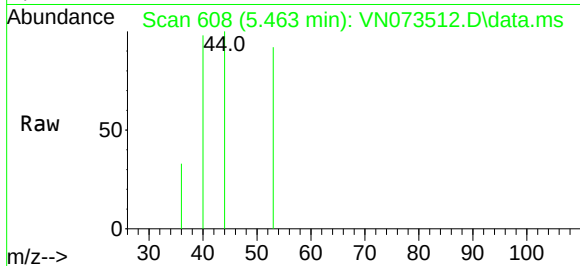




#15
Acrylonitrile
Concen: 0.429 ug/l
RT: 5.463 min Scan# 609
Delta R.T. -0.006 min
Lab File: VN073512.D
Acq: 19 Jul 2022 13:26

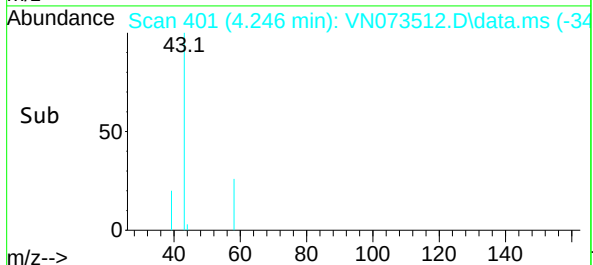
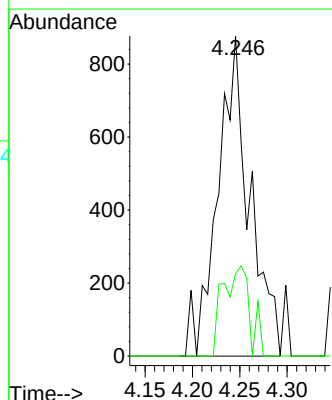
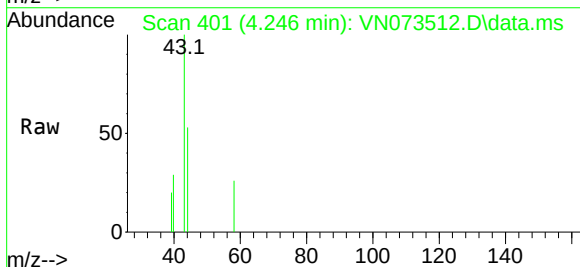
Instrument :
MSVOA_N
ClientSampleId :
VN0719MBL01

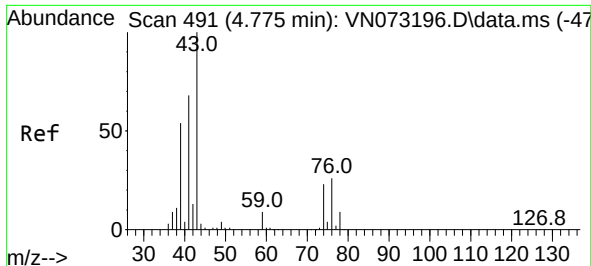
Tgt Ion: 53 Resp: 892
Ion Ratio Lower Upper
53 100
52 33.7 66.4 99.6#
51 0.0 28.5 42.7#



#16
Acetone
Concen: 1.100 ug/l
RT: 4.246 min Scan# 401
Delta R.T. 0.024 min
Lab File: VN073512.D
Acq: 19 Jul 2022 13:26

Tgt Ion: 43 Resp: 2056
Ion Ratio Lower Upper
43 100
58 25.8 26.0 39.0#

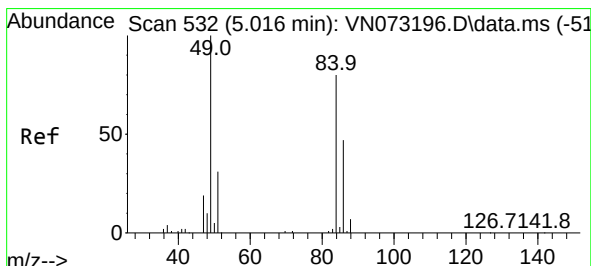
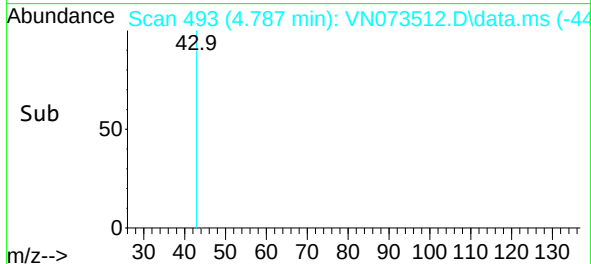
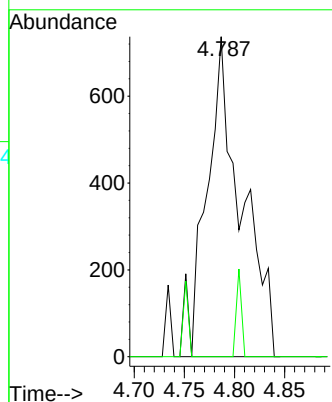
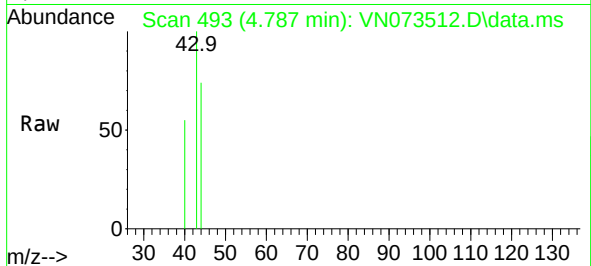




#18
Methyl Acetate
Concen: 0.341 ug/l
RT: 4.787 min Scan# 491
Delta R.T. 0.012 min
Lab File: VN073512.D
Acq: 19 Jul 2022 13:26

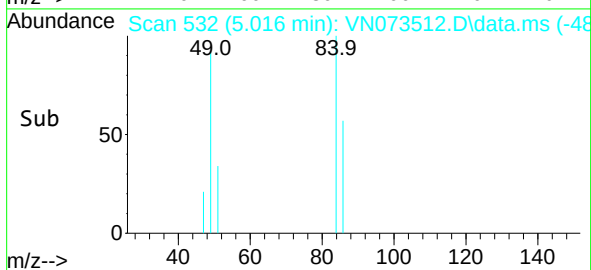
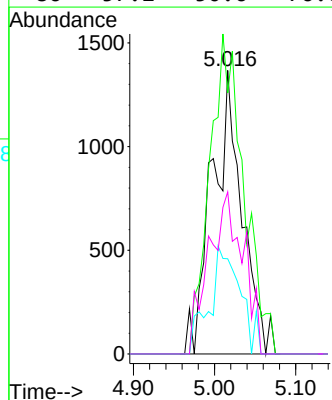
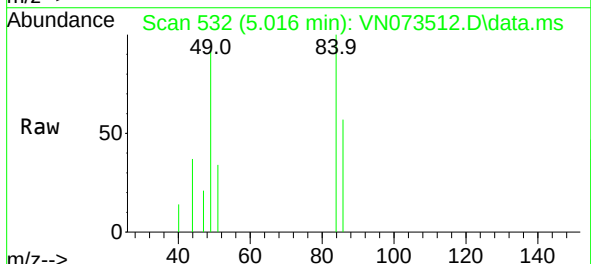
Instrument :
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ClientSampleId :
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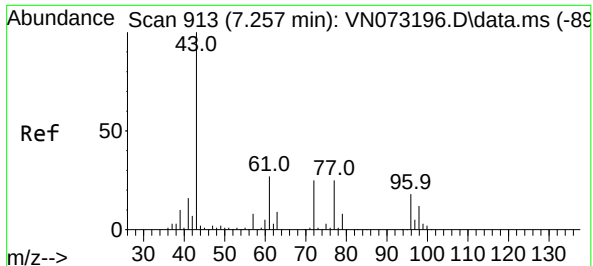
Tgt Ion: 43 Resp: 1787
Ion Ratio Lower Upper
43 100
74 4.0 21.6 32.4#



#20
Methylene Chloride
Concen: 1.077 ug/l
RT: 5.016 min Scan# 532
Delta R.T. 0.000 min
Lab File: VN073512.D
Acq: 19 Jul 2022 13:26

Tgt Ion: 84 Resp: 3539
Ion Ratio Lower Upper
84 100
49 92.1 88.3 132.5
51 33.6 28.2 42.2
86 57.2 50.6 76.0

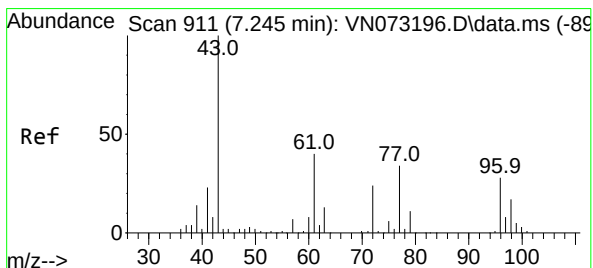
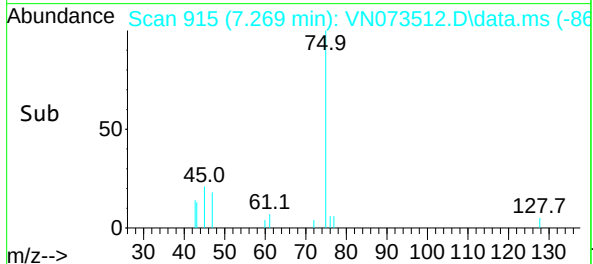
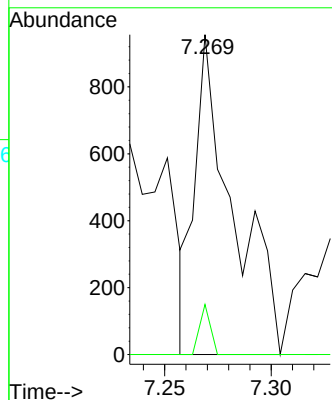
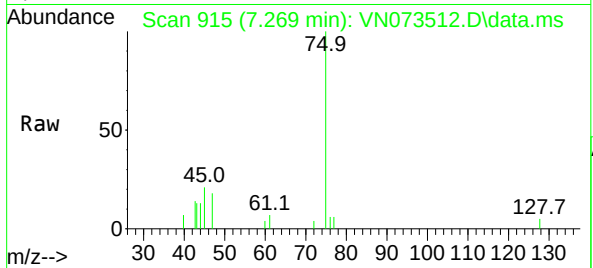




#25
2-Butanone
Concen: 0.398 ug/l
RT: 7.269 min Scan# 915
Delta R.T. 0.012 min
Lab File: VN073512.D
Acq: 19 Jul 2022 13:26

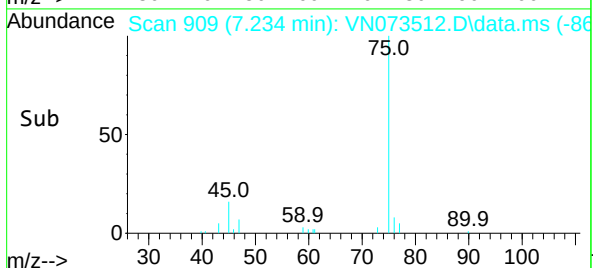
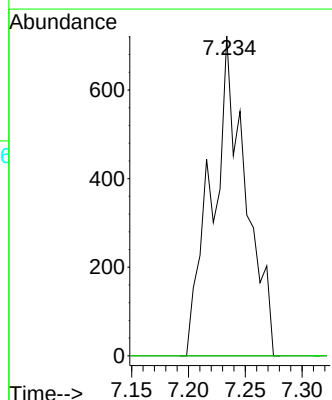
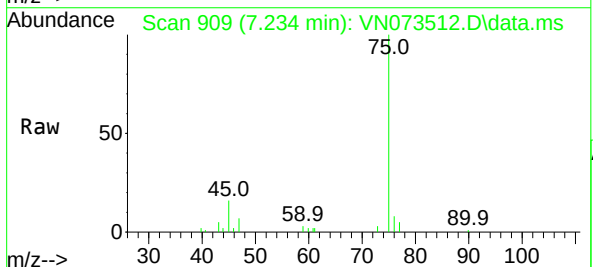
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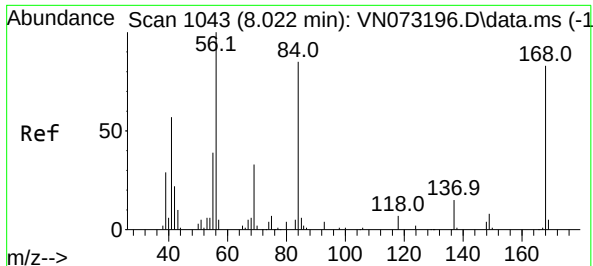
Tgt Ion: 43 Resp: 1185
Ion Ratio Lower Upper
43 100
72 15.7 23.7 35.5#



#26
2,2-Dichloropropane
Concen: 0.290 ug/l
RT: 7.234 min Scan# 909
Delta R.T. -0.011 min
Lab File: VN073512.D
Acq: 19 Jul 2022 13:26

Tgt Ion: 77 Resp: 1483
Ion Ratio Lower Upper
77 100
97 0.0 11.4 34.2#

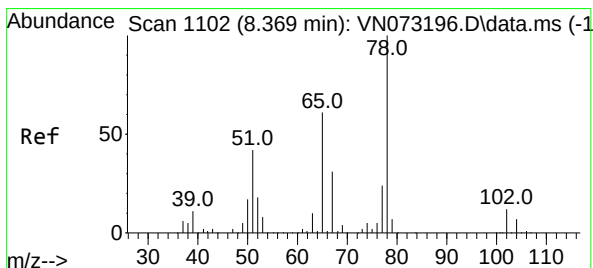
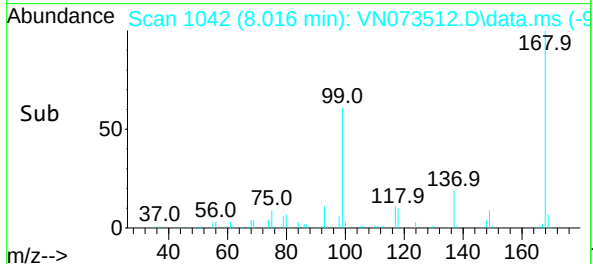
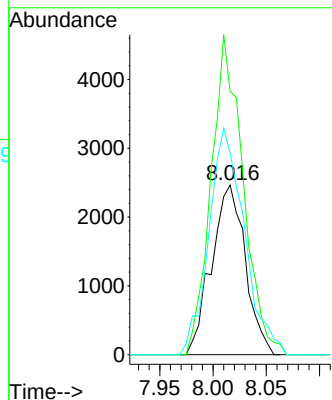
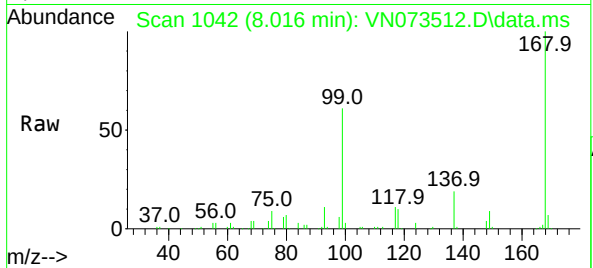




#31
Cyclohexane
Concen: 0.997 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.006 min
Lab File: VN073512.D
Acq: 19 Jul 2022 13:26

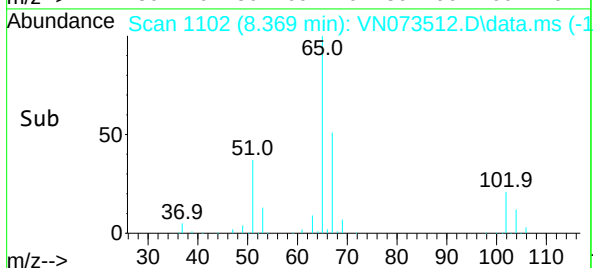
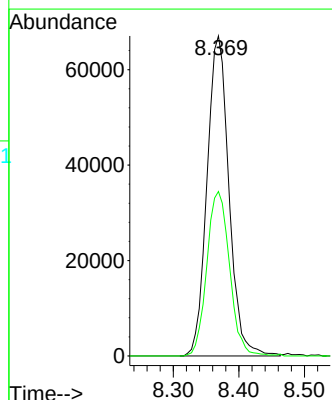
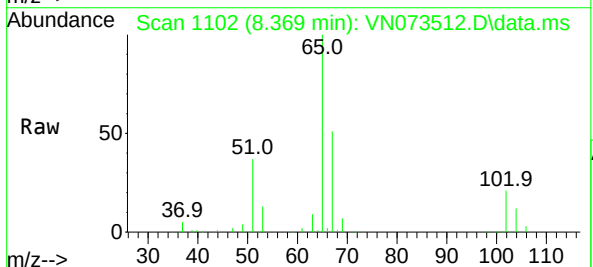
Instrument :
MSVOA_N
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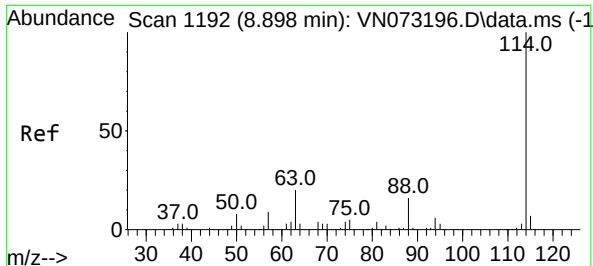
Tgt Ion: 56 Resp: 5440
Ion Ratio Lower Upper
56 100
69 155.3 27.8 41.8#
84 119.0 76.9 115.3#



#33
1,2-Dichloroethane-d4
Concen: 46.859 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN073512.D
Acq: 19 Jul 2022 13:26

Tgt Ion: 65 Resp: 156076
Ion Ratio Lower Upper
65 100
67 53.2 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1192

Delta R.T. 0.006 min

Lab File: VN073512.D

Acq: 19 Jul 2022 13:26

Instrument :

MSVOA_N

ClientSampleId :

VN0719MBL01

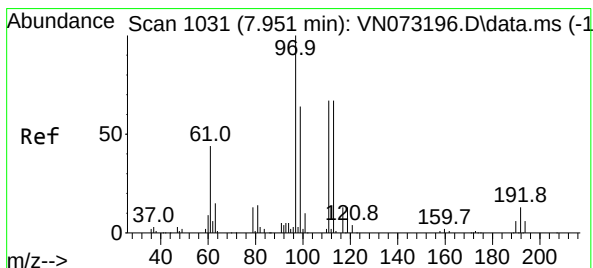
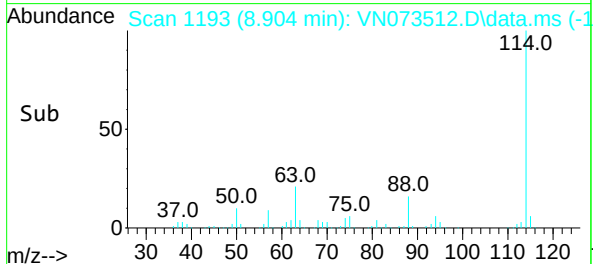
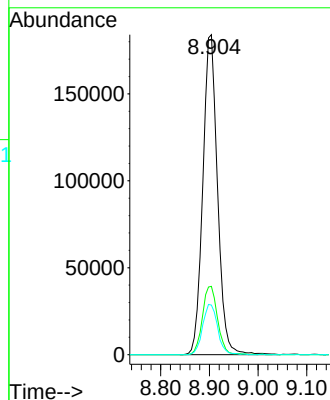
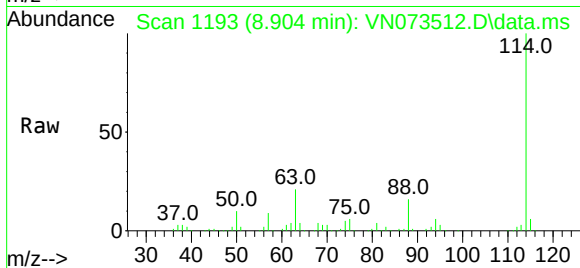
Tgt Ion:114 Resp: 385920

Ion Ratio Lower Upper

114 100

63 21.3 0.0 40.0

88 15.5 0.0 32.6



#35

Dibromofluoromethane

Concen: 51.673 ug/l

RT: 7.945 min Scan# 1030

Delta R.T. -0.006 min

Lab File: VN073512.D

Acq: 19 Jul 2022 13:26

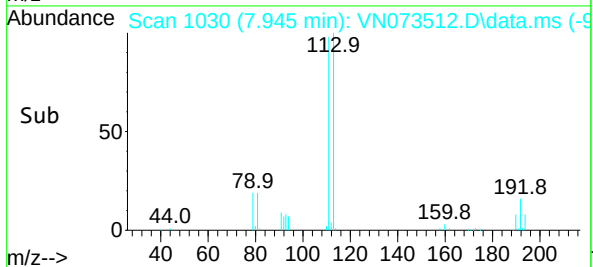
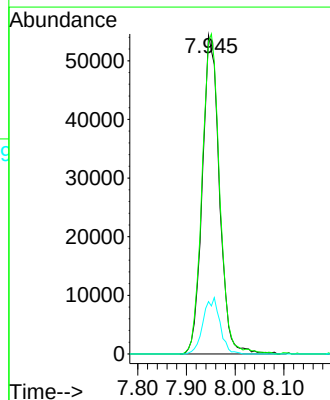
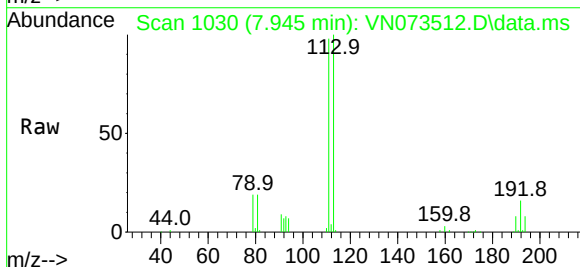
Tgt Ion:113 Resp: 132674

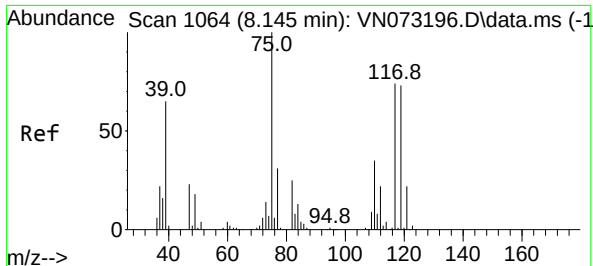
Ion Ratio Lower Upper

113 100

111 102.8 81.4 122.0

192 17.4 17.0 25.6





#36

1,1-Dichloropropene

Concen: 4.816 ug/l

RT: 8.016 min Scan# 1042

Delta R.T. -0.129 min

Lab File: VN073512.D

Acq: 19 Jul 2022 13:26

Instrument :

MSVOA_N

ClientSampleId :

VN0719MBL01

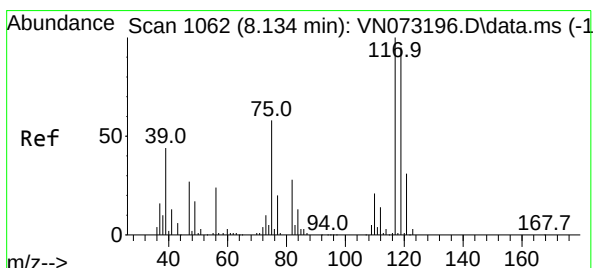
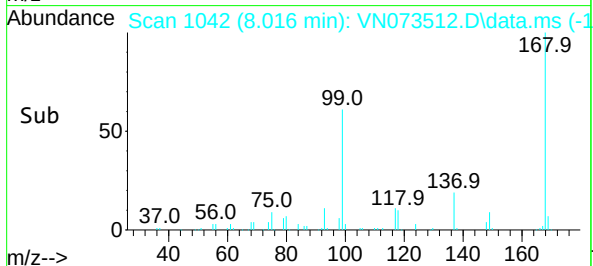
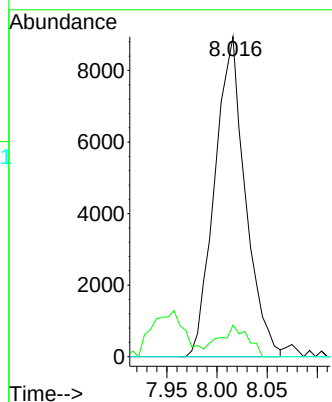
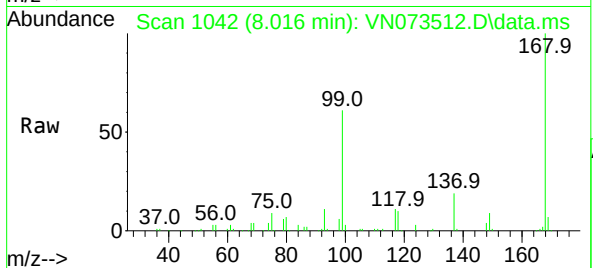
Tgt Ion: 75 Resp: 19027

Ion Ratio Lower Upper

75 100

110 9.1 18.3 54.8#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 5.865 ug/l

RT: 8.016 min Scan# 1042

Delta R.T. -0.118 min

Lab File: VN073512.D

Acq: 19 Jul 2022 13:26

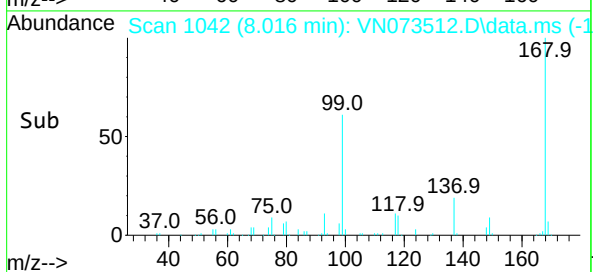
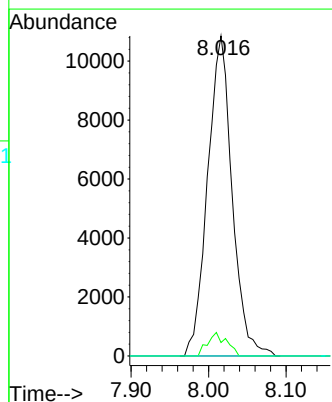
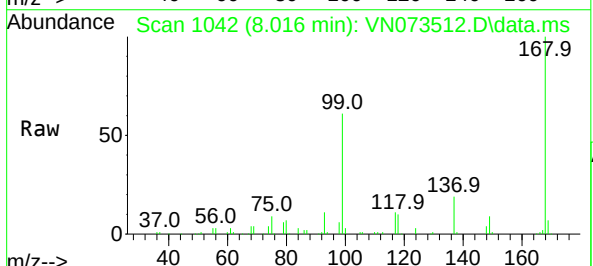
Tgt Ion: 117 Resp: 23963

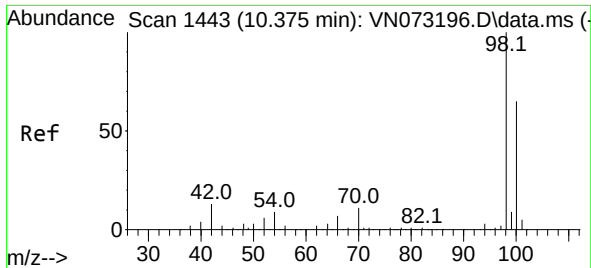
Ion Ratio Lower Upper

117 100

119 4.2 75.8 113.8#

121 0.0 24.6 37.0#

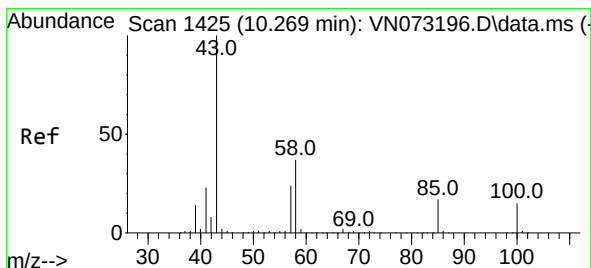
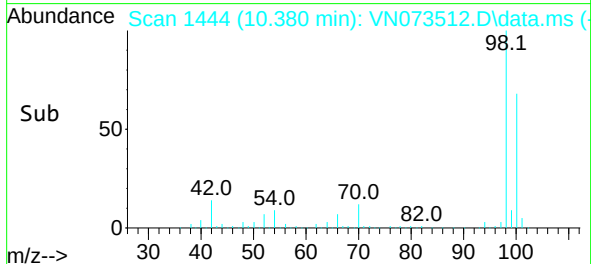
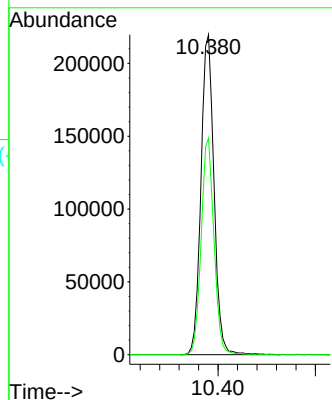
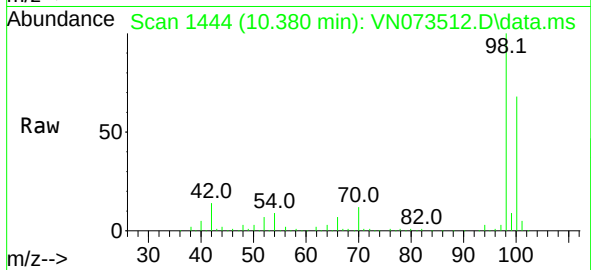




#50
Toluene-d8
Concen: 44.759 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.005 min
Lab File: VN073512.D
Acq: 19 Jul 2022 13:26

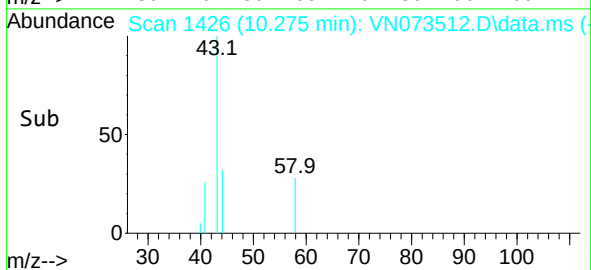
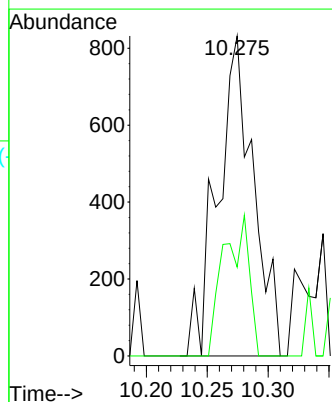
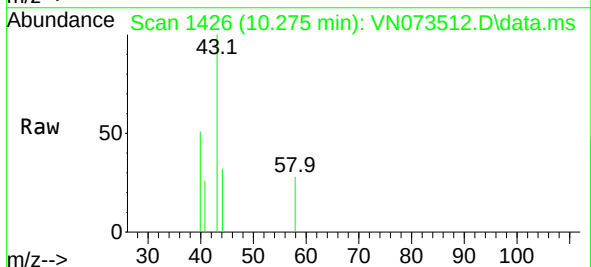
Instrument :
MSVOA_N
ClientSampleId :
VN0719MBL01

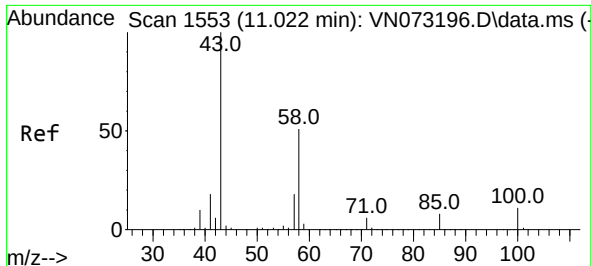
Tgt Ion: 98 Resp: 408161
Ion Ratio Lower Upper
98 100
100 66.4 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.312 ug/l
RT: 10.275 min Scan# 1426
Delta R.T. 0.006 min
Lab File: VN073512.D
Acq: 19 Jul 2022 13:26

Tgt Ion: 43 Resp: 1699
Ion Ratio Lower Upper
43 100
58 31.3 34.1 51.1#

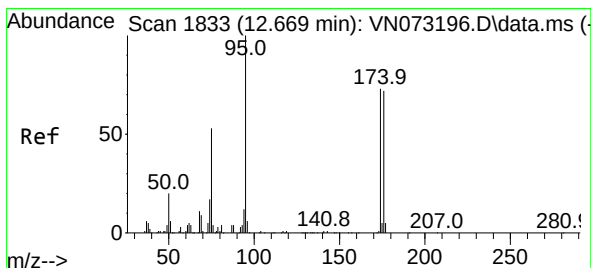
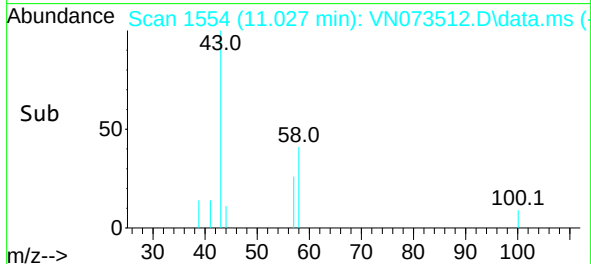
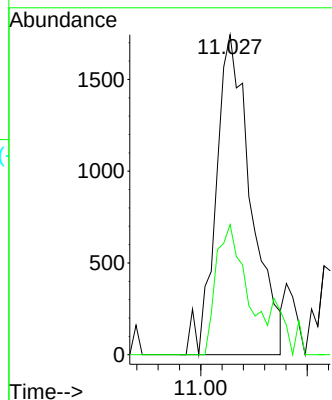
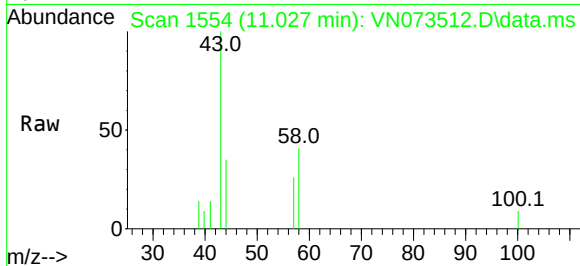




#59
2-Hexanone
Concen: 0.967 ug/l
RT: 11.027 min Scan# 11553
Delta R.T. 0.005 min
Lab File: VN073512.D
Acq: 19 Jul 2022 13:26

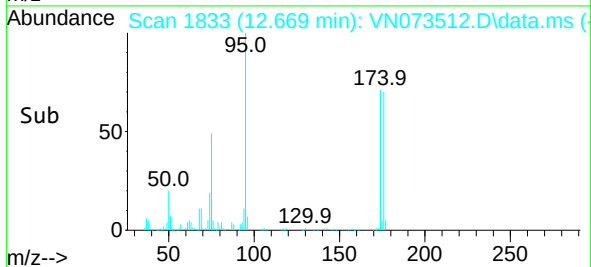
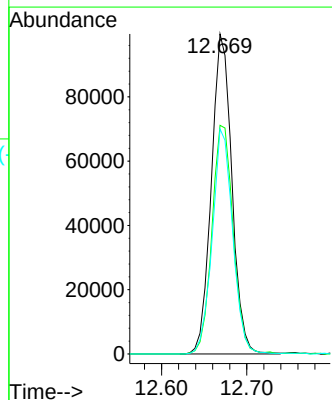
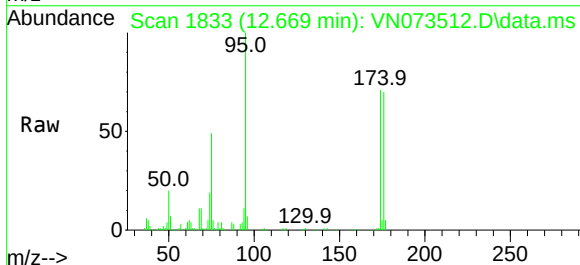
Instrument :
MSVOA_N
ClientSampleId :
VN0719MBL01

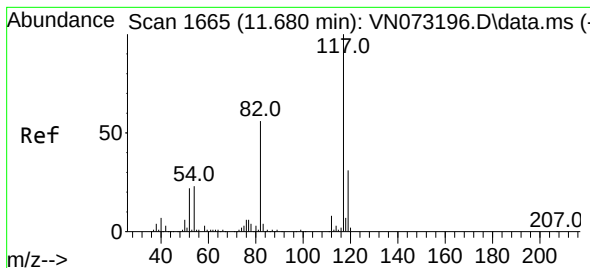
Tgt Ion: 43 Resp: 4010
Ion Ratio Lower Upper
43 100
58 35.3 29.7 89.1



#62
4-Bromofluorobenzene
Concen: 47.446 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN073512.D
Acq: 19 Jul 2022 13:26

Tgt Ion: 95 Resp: 166271
Ion Ratio Lower Upper
95 100
174 74.0 0.0 167.6
176 70.1 0.0 163.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.680 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN073512.D

Acq: 19 Jul 2022 13:26

Instrument :

MSVOA_N

ClientSampleId :

VN0719MBL01

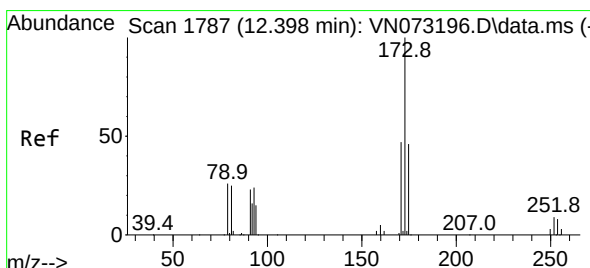
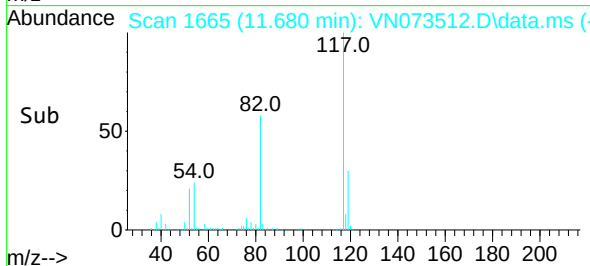
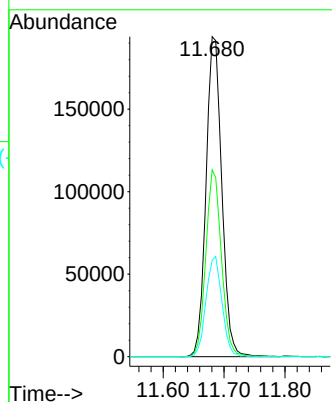
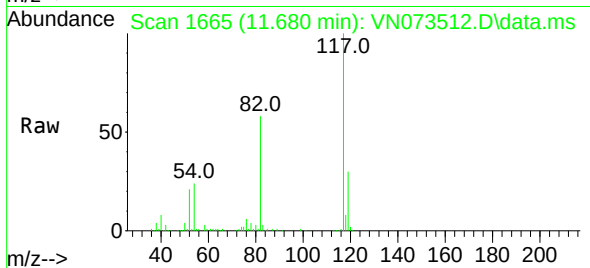
Tgt Ion:117 Resp: 348805

Ion Ratio Lower Upper

117 100

82 58.4 44.2 66.2

119 30.1 25.4 38.0



#71

Bromoform

Concen: 0.501 ug/l

RT: 12.669 min Scan# 1833

Delta R.T. 0.271 min

Lab File: VN073512.D

Acq: 19 Jul 2022 13:26

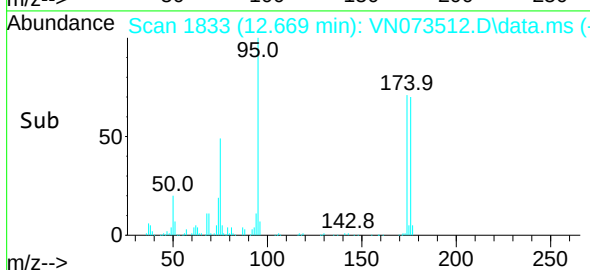
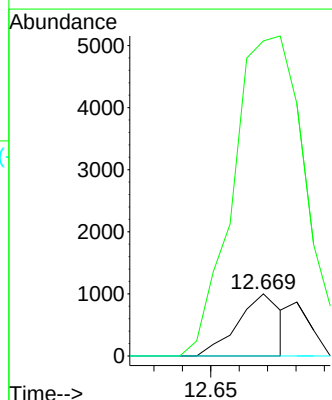
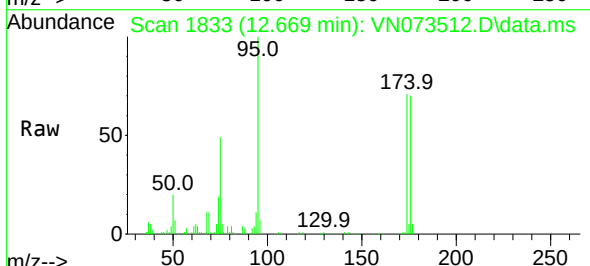
Tgt Ion:173 Resp: 1063

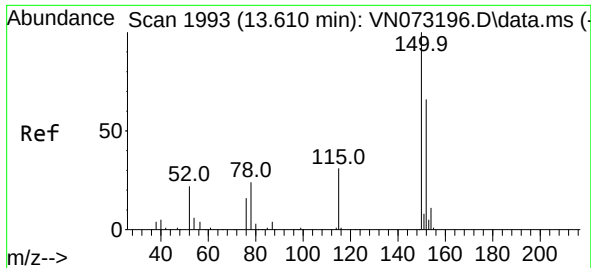
Ion Ratio Lower Upper

173 100

175 0.0 24.6 73.6#

254 0.0 0.1 0.1#

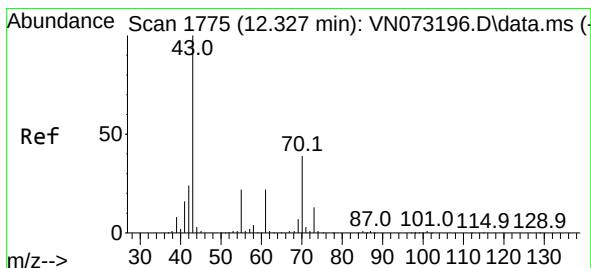
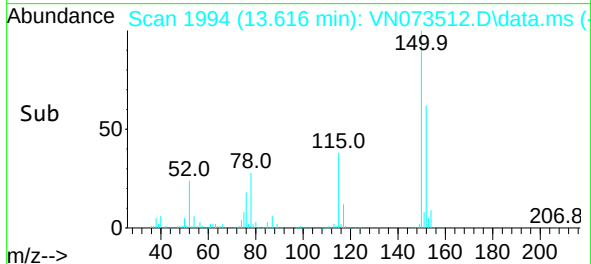
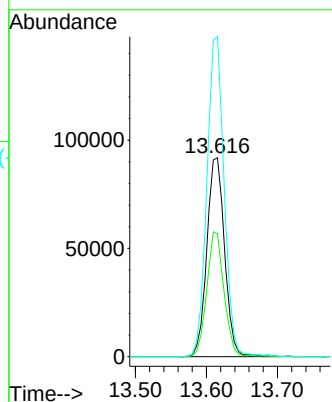
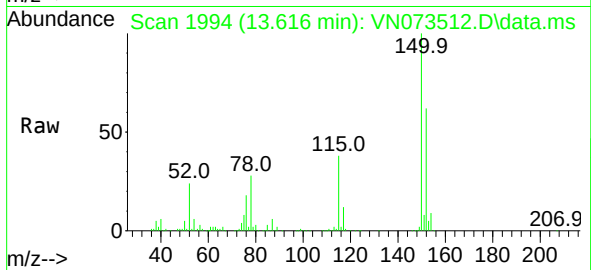




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.616 min Scan# 1993
Delta R.T. 0.006 min
Lab File: VN073512.D
Acq: 19 Jul 2022 13:26

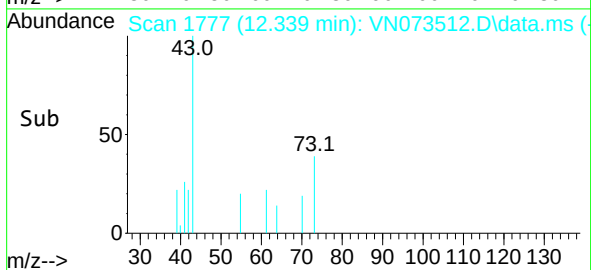
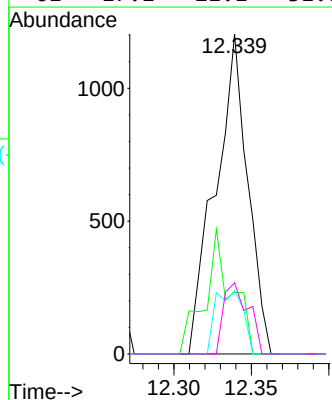
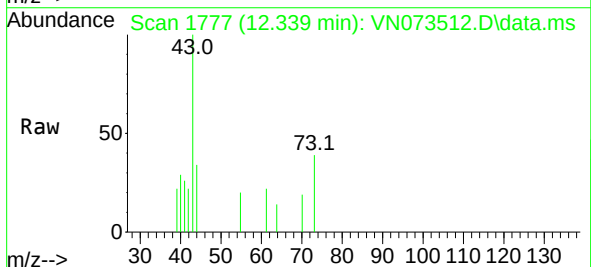
Instrument :
MSVOA_N
ClientSampleId :
VN0719MBL01

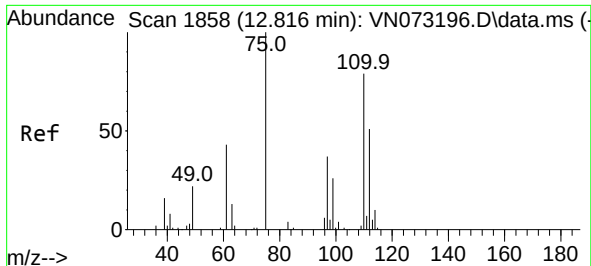
Tgt Ion:152 Resp: 159674
Ion Ratio Lower Upper
152 100
115 60.9 28.9 86.7
150 156.7 0.0 356.2



#74
N-ethyl acetate
Concen: 0.253 ug/l
RT: 12.339 min Scan# 1777
Delta R.T. 0.012 min
Lab File: VN073512.D
Acq: 19 Jul 2022 13:26

Tgt Ion: 43 Resp: 1746
Ion Ratio Lower Upper
43 100
70 32.9 39.0 58.4#
55 16.9 21.1 31.7#
61 17.1 21.1 31.7#

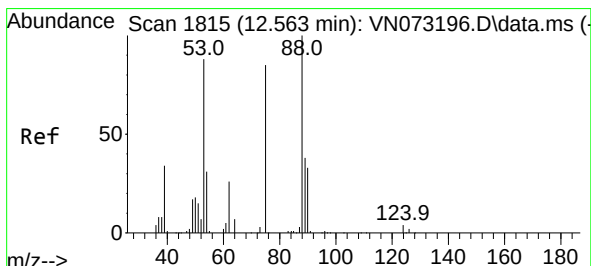
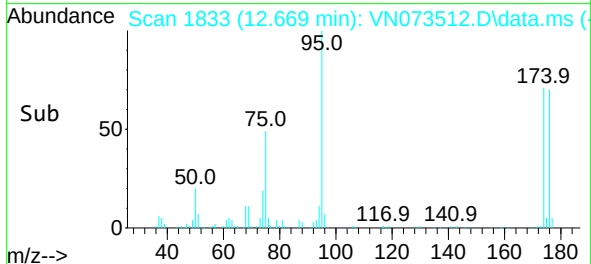
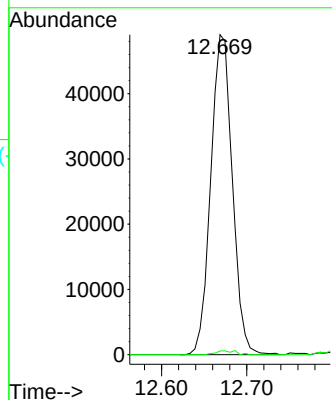
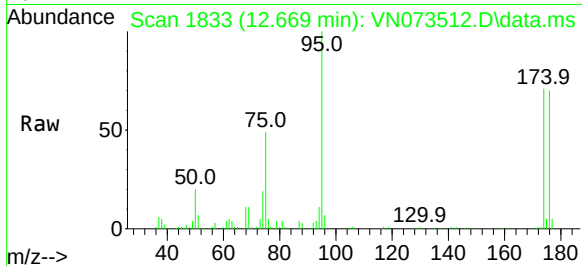




#76
1,2,3-Trichloropropane
Concen: 20.633 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.147 min
Lab File: VN073512.D
Acq: 19 Jul 2022 13:26

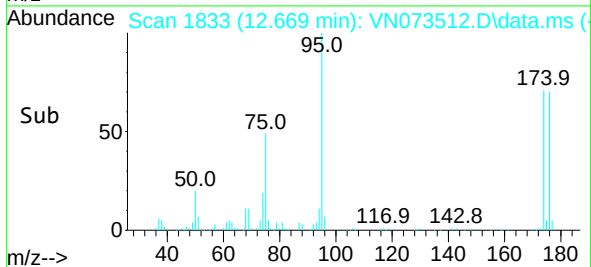
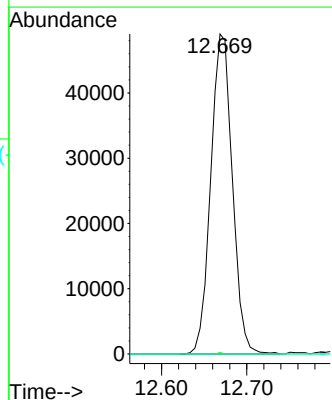
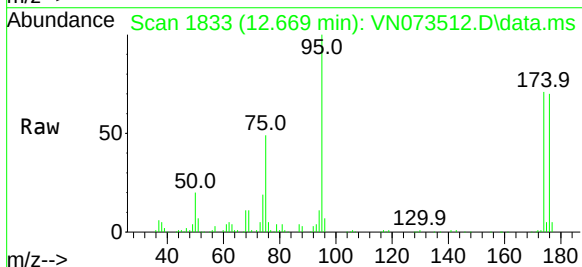
Instrument :
MSVOA_N
ClientSampleId :
VN0719MBL01

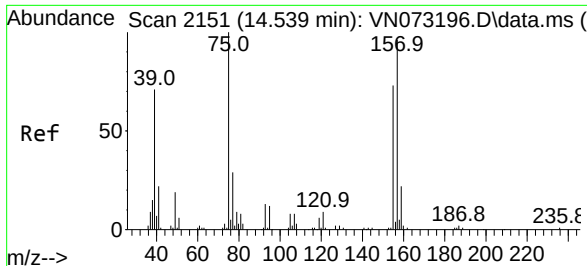
Tgt Ion: 75 Resp: 86146
Ion Ratio Lower Upper
75 100
77 1.1 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 56.585 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. 0.106 min
Lab File: VN073512.D
Acq: 19 Jul 2022 13:26

Tgt Ion: 75 Resp: 86146
Ion Ratio Lower Upper
75 100
53 0.1 78.0 117.0#
89 0.0 37.2 55.8#

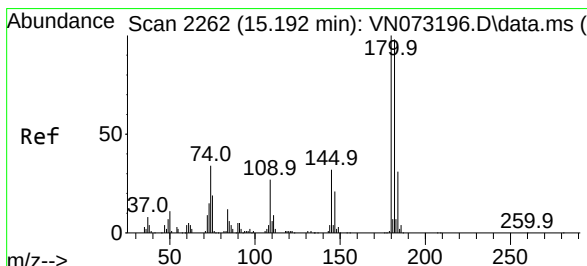
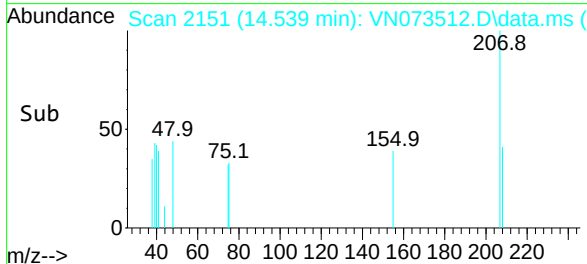
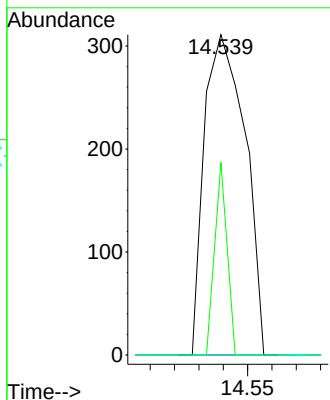
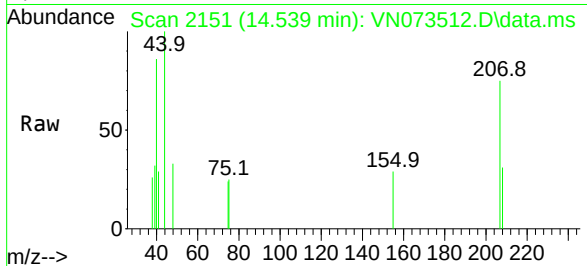




#92
1,2-Dibromo-3-Chloropropane
Concen: 0.326 ug/l
RT: 14.539 min Scan# 2151
Delta R.T. 0.000 min
Lab File: VN073512.D
Acq: 19 Jul 2022 13:26

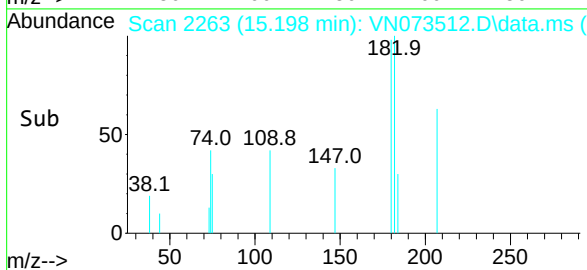
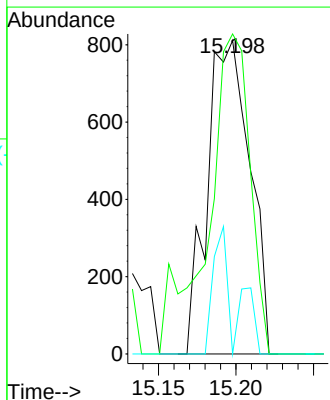
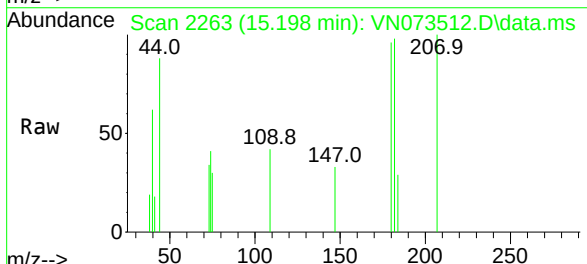
Instrument :
MSVOA_N
ClientSampleId :
VN0719MBL01

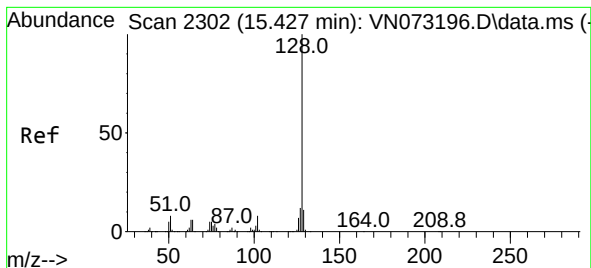
Tgt Ion: 75 Resp: 362
Ion Ratio Lower Upper
75 100
155 18.2 44.9 134.5#
157 0.0 59.0 176.8#



#93
1,2,4-Trichlorobenzene
Concen: 0.509 ug/l
RT: 15.198 min Scan# 2263
Delta R.T. 0.006 min
Lab File: VN073512.D
Acq: 19 Jul 2022 13:26

Tgt Ion: 180 Resp: 1552
Ion Ratio Lower Upper
180 100
182 100.9 47.5 142.5
145 20.9 14.5 43.5





#95

Naphthalene

Concen: 0.802 ug/l

RT: 15.433 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN073512.D

Acq: 19 Jul 2022 13:26

Instrument :

MSVOA_N

ClientSampleId :

VN0719MBL01

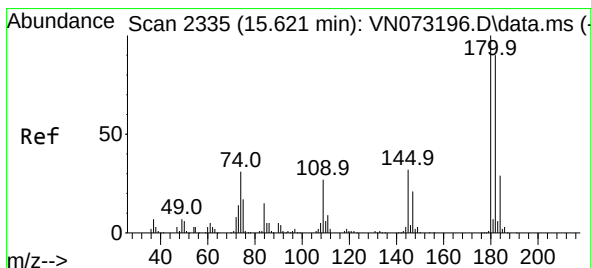
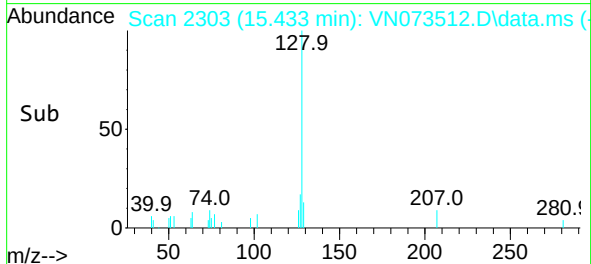
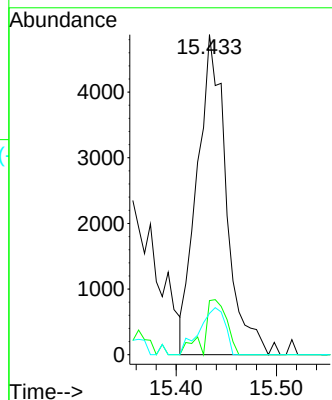
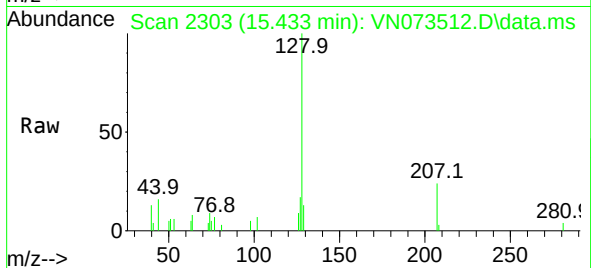
Tgt Ion:128 Resp: 9875

Ion Ratio Lower Upper

128 100

127 13.4 10.3 15.5

129 13.0 8.6 13.0#



#96

1,2,3-Trichlorobenzene

Concen: 0.676 ug/l

RT: 15.627 min Scan# 2336

Delta R.T. 0.006 min

Lab File: VN073512.D

Acq: 19 Jul 2022 13:26

Tgt Ion:180 Resp: 2128

Ion Ratio Lower Upper

180 100

182 90.2 47.8 143.3

145 28.3 15.5 46.5

