

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040122\
 Data File : VN071745.D
 Acq On : 01 Apr 2022 11:56
 Operator : JC\MD
 Sample : VN0401WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0401WBL01

Quant Time: Apr 02 00:51:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 31 01:57:54 2022
 Response via : Initial Calibration

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

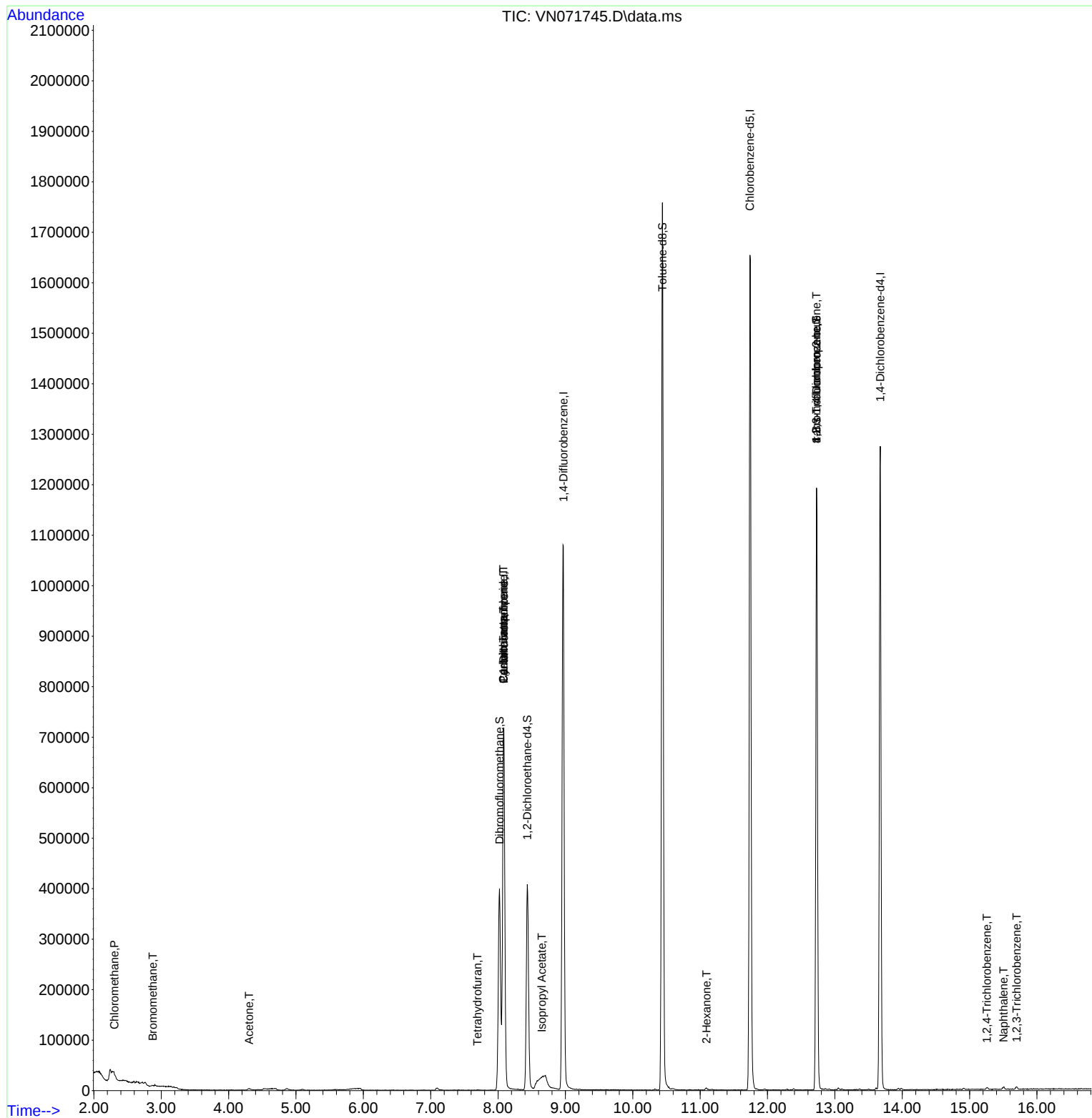
Internal Standards						
1) Pentafluorobenzene	8.086	168	601437	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.969	114	1032415	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1047433	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	376322	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	347578	50.622	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 101.240%			
35) Dibromofluoromethane	8.022	113	298147	49.076	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 98.160%			
50) Toluene-d8	10.439	98	1279333	51.478	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 102.960%			
62) 4-Bromofluorobenzene	12.727	95	427296	53.162	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 106.320%			
Target Compounds						Qvalue
3) Chloromethane	2.304	50	2209	0.365	ug/l	99
5) Bromomethane	2.875	94	1631	0.377	ug/l	85
16) Acetone	4.304	43	2215	0.755	ug/l #	82
18) Methyl Acetate	4.863	43	6262	Below Cal		98
29) Tetrahydrofuran	7.692	42	633	0.231	ug/l #	50
31) Cyclohexane	8.080	56	10785	1.155	ug/l #	11
36) 1,1-Dichloropropene	8.080	75	41033	4.837	ug/l #	48
38) Carbon Tetrachloride	8.080	117	54465	6.551	ug/l #	18
43) Isopropyl Acetate	8.651	43	46225	2.993	ug/l #	54
59) 2-Hexanone	11.092	43	3718	0.595	ug/l	79
76) 1,2,3-Trichloropropane	12.727	75	210997	24.203	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.727	75	210997	75.004	ug/l #	10
93) 1,2,4-Trichlorobenzene	15.256	180	1898	2.389	ug/l	93
95) Naphthalene	15.504	128	5986	4.126	ug/l #	95
96) 1,2,3-Trichlorobenzene	15.698	180	1987	2.740	ug/l	88

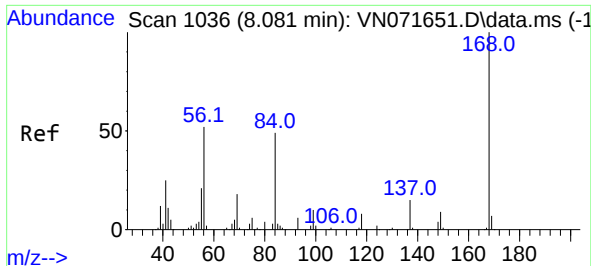
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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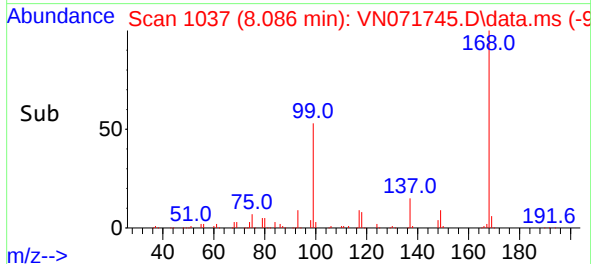
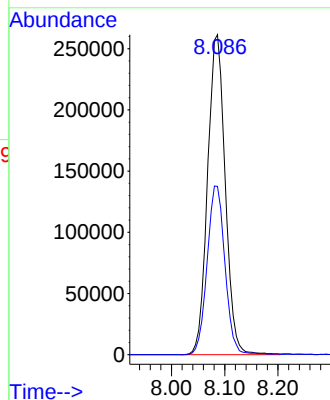
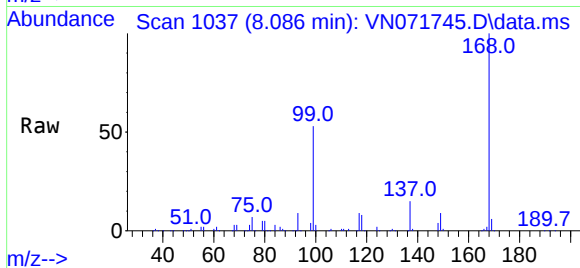




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 11
Delta R.T. 0.005 min
Lab File: VN071745.D
Acq: 01 Apr 2022 11:56

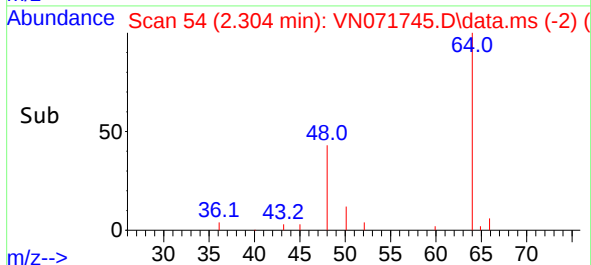
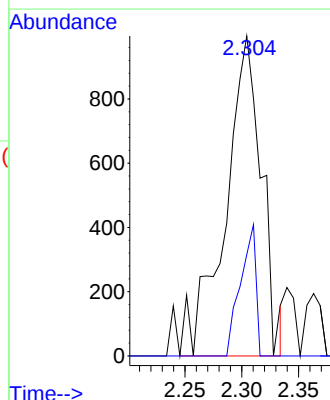
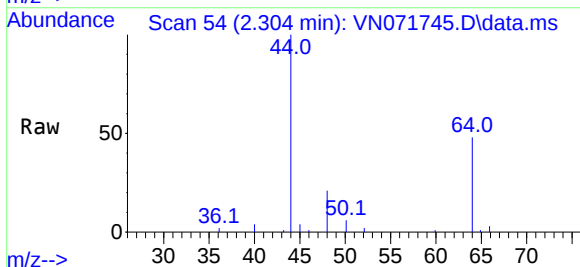
Instrument :
MSVOA_N
ClientSampleId :
VN0401WBL01

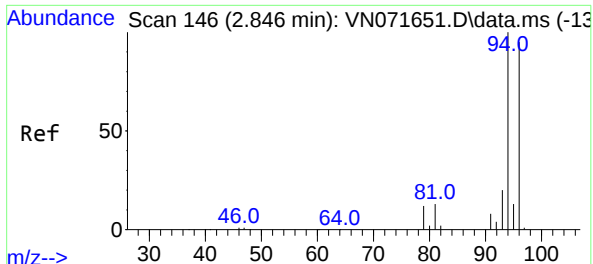
Tgt Ion:168 Resp: 601437
Ion Ratio Lower Upper
168 100
99 52.6 42.3 63.5



#3
Chloromethane
Concen: 0.365 ug/l
RT: 2.304 min Scan# 54
Delta R.T. 0.005 min
Lab File: VN071745.D
Acq: 01 Apr 2022 11:56

Tgt Ion: 50 Resp: 2209
Ion Ratio Lower Upper
50 100
52 31.6 25.7 38.5

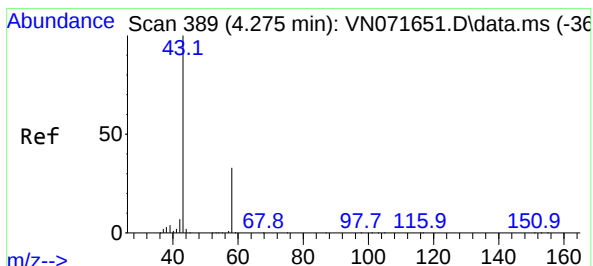
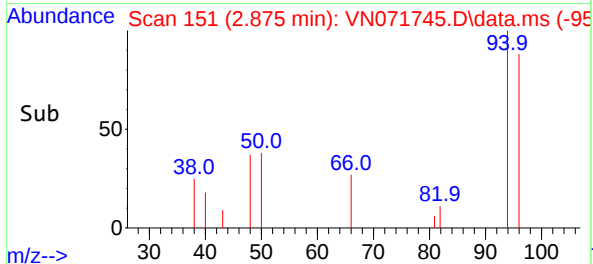
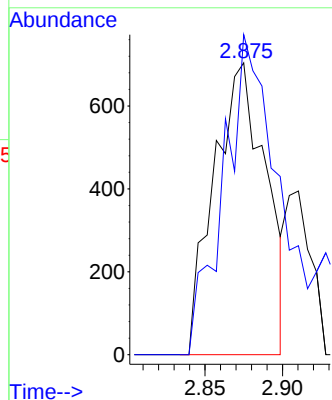
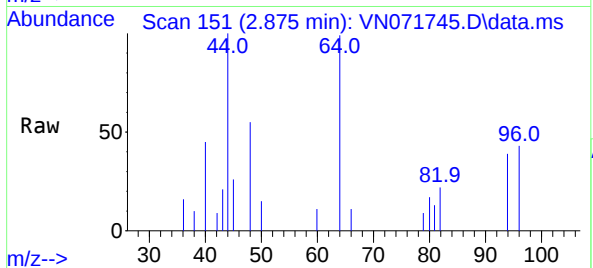




#5
Bromomethane
Concen: 0.377 ug/l
RT: 2.875 min Scan# 11
Delta R.T. 0.029 min
Lab File: VN071745.D
Acq: 01 Apr 2022 11:56

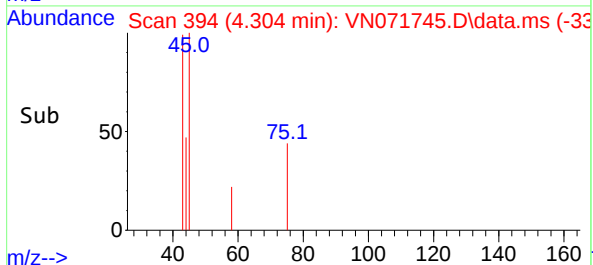
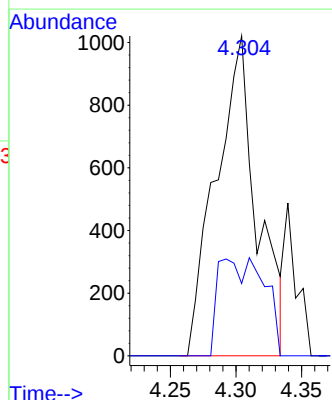
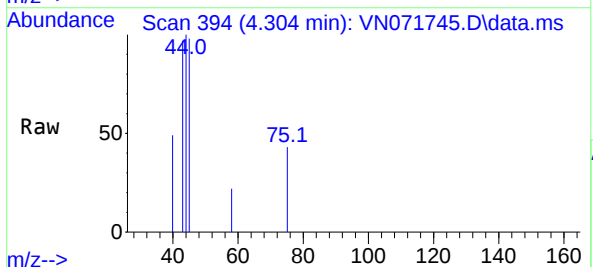
Instrument :
MSVOA_N
ClientSampleId :
VN0401WBL01

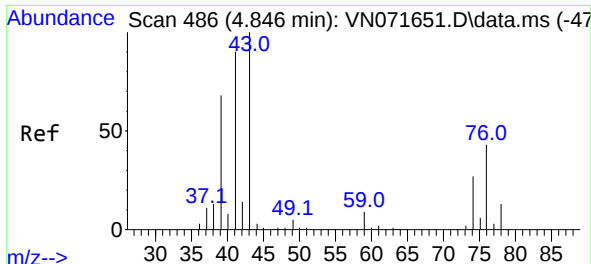
Tgt Ion: 94 Resp: 1631
Ion Ratio Lower Upper
94 100
96 109.7 76.0 114.0



#16
Acetone
Concen: 0.755 ug/l
RT: 4.304 min Scan# 394
Delta R.T. 0.029 min
Lab File: VN071745.D
Acq: 01 Apr 2022 11:56

Tgt Ion: 43 Resp: 2215
Ion Ratio Lower Upper
43 100
58 22.6 26.0 39.0#

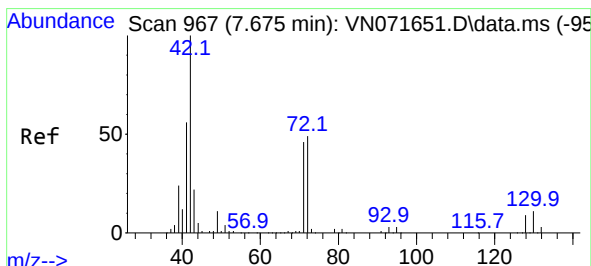
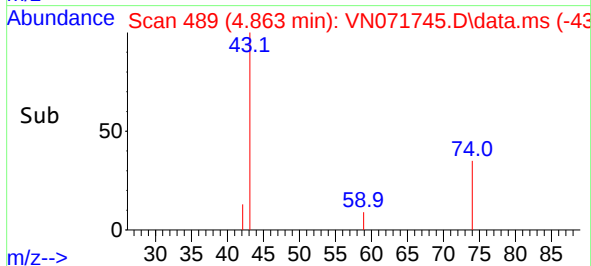
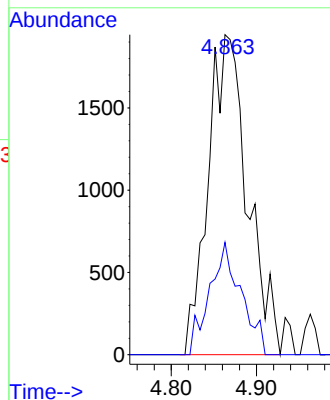
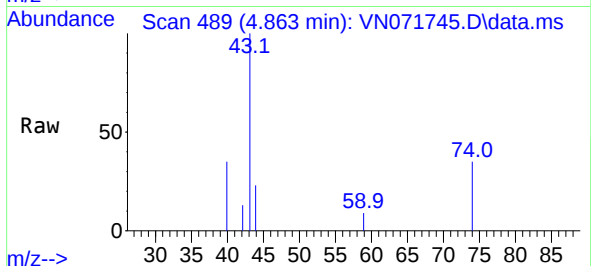




#18
Methyl Acetate
Concen: Below Cal
RT: 4.863 min Scan# 41
Delta R.T. 0.017 min
Lab File: VN071745.D
Acq: 01 Apr 2022 11:56

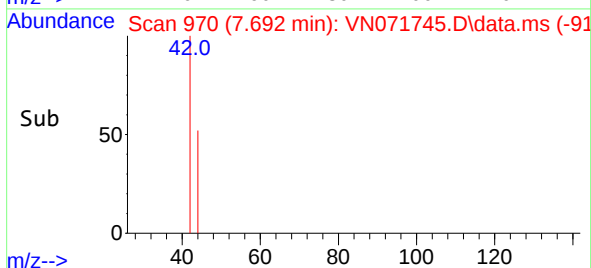
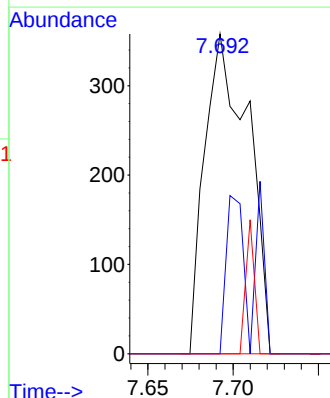
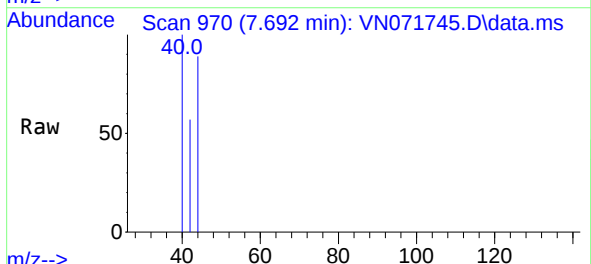
Instrument :
MSVOA_N
ClientSampleId :
VN0401WBL01

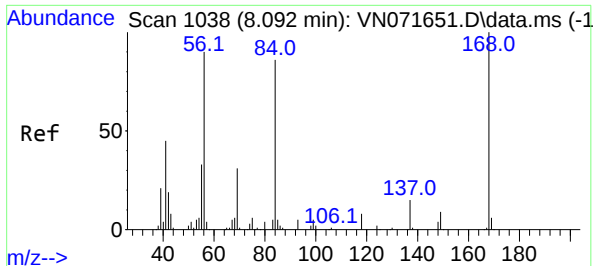
Tgt Ion: 43 Resp: 6262
Ion Ratio Lower Upper
43 100
74 28.0 21.6 32.4



#29
Tetrahydrofuran
Concen: 0.231 ug/l
RT: 7.692 min Scan# 970
Delta R.T. 0.017 min
Lab File: VN071745.D
Acq: 01 Apr 2022 11:56

Tgt Ion: 42 Resp: 633
Ion Ratio Lower Upper
42 100
72 19.3 39.7 59.5#
71 8.4 36.6 55.0#





#31

Cyclohexane

Concen: 1.155 ug/l

RT: 8.080 min Scan# 1036

Delta R.T. -0.012 min

Lab File: VN071745.D

Acq: 01 Apr 2022 11:56

Instrument :

MSVOA_N

ClientSampleId :

VN0401WBL01

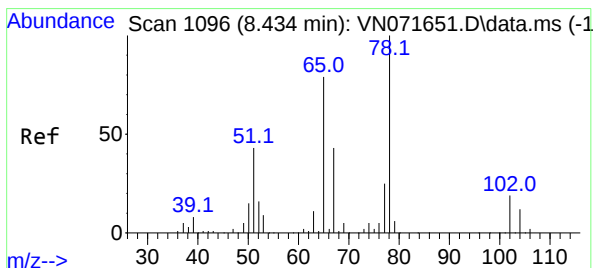
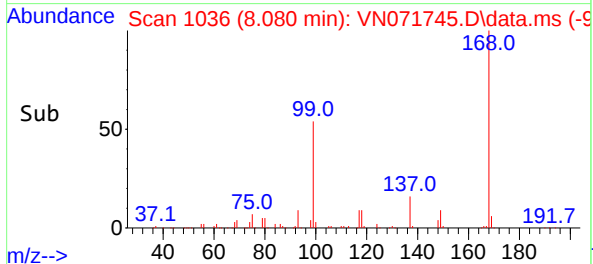
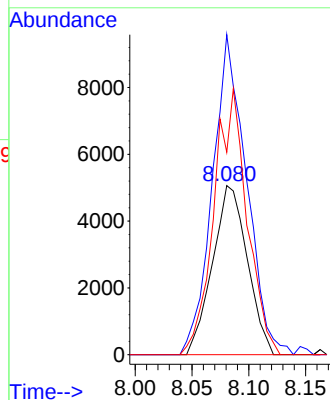
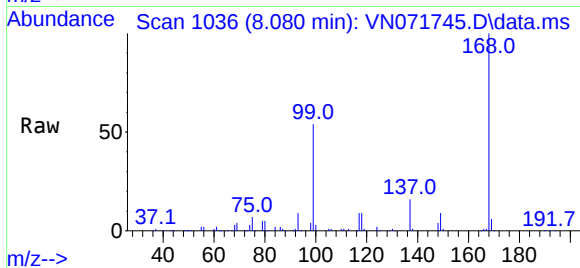
Tgt Ion: 56 Resp: 10785

Ion Ratio Lower Upper

56 100

69 189.3 27.8 41.8#

84 119.7 76.9 115.3#



#33

1,2-Dichloroethane-d4

Concen: 50.622 ug/l

RT: 8.433 min Scan# 1096

Delta R.T. -0.001 min

Lab File: VN071745.D

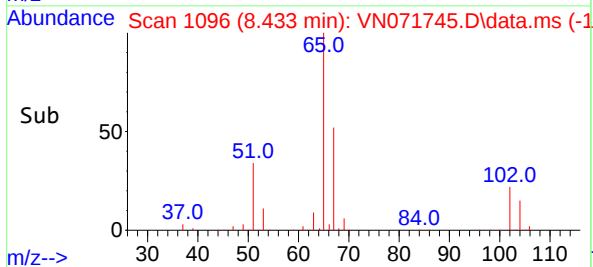
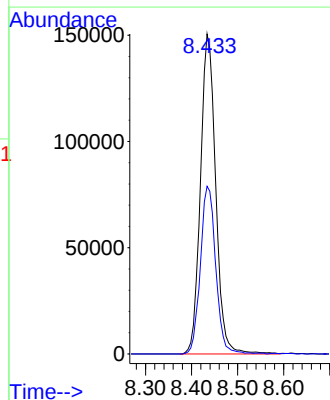
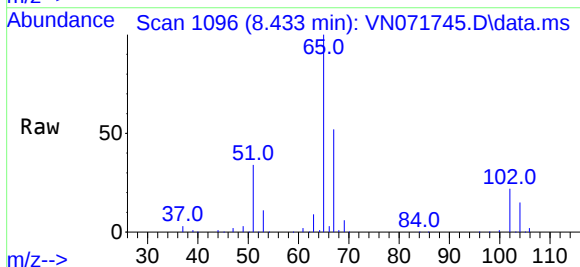
Acq: 01 Apr 2022 11:56

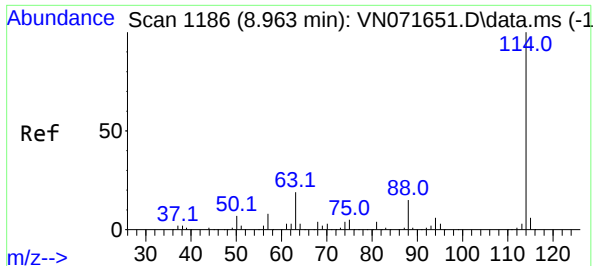
Tgt Ion: 65 Resp: 347578

Ion Ratio Lower Upper

65 100

67 52.7 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.969 min Scan# 1186

Delta R.T. 0.006 min

Lab File: VN071745.D

Acq: 01 Apr 2022 11:56

Instrument :

MSVOA_N

ClientSampleId :

VN0401WBL01

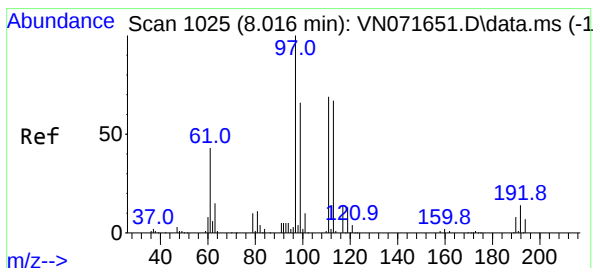
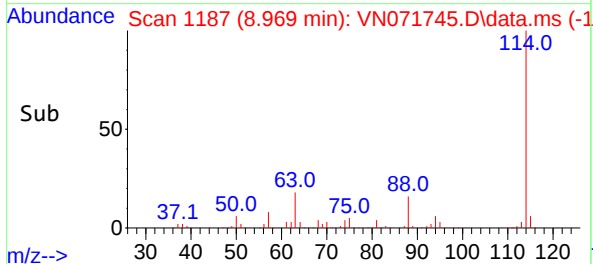
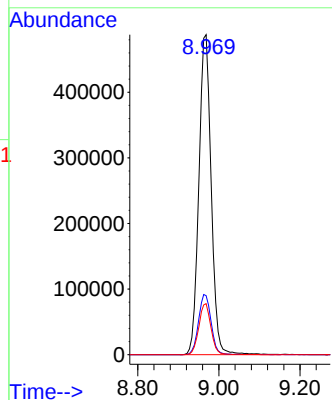
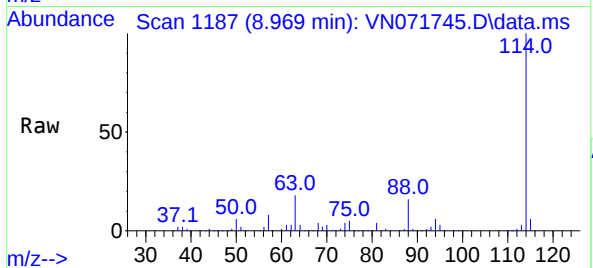
Tgt Ion:114 Resp: 1032415

Ion Ratio Lower Upper

114 100

63 18.5 0.0 40.0

88 16.0 0.0 32.6



#35

Dibromofluoromethane

Concen: 49.076 ug/l

RT: 8.022 min Scan# 1026

Delta R.T. 0.006 min

Lab File: VN071745.D

Acq: 01 Apr 2022 11:56

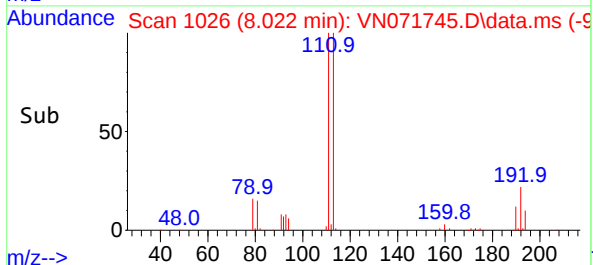
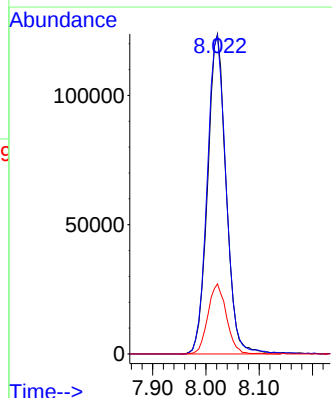
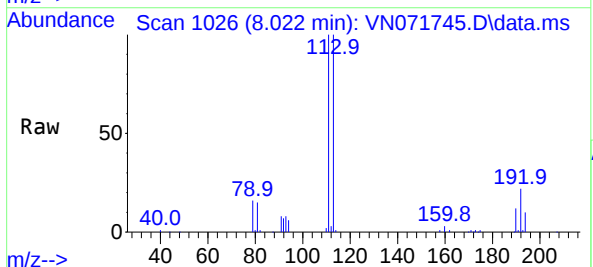
Tgt Ion:113 Resp: 298147

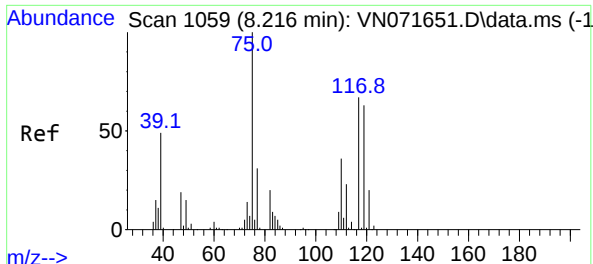
Ion Ratio Lower Upper

113 100

111 102.0 81.4 122.0

192 21.9 17.0 25.6





#36

1,1-Dichloropropene

Concen: 4.837 ug/l

RT: 8.080 min Scan# 1036

Delta R.T. -0.136 min

Lab File: VN071745.D

Acq: 01 Apr 2022 11:56

Instrument :

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VN0401WBL01

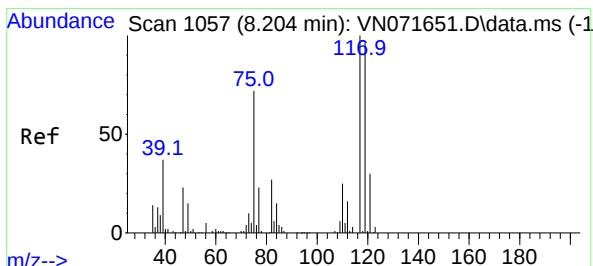
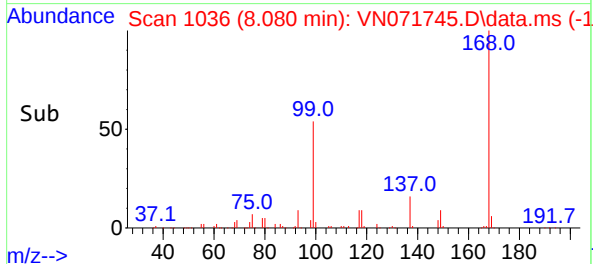
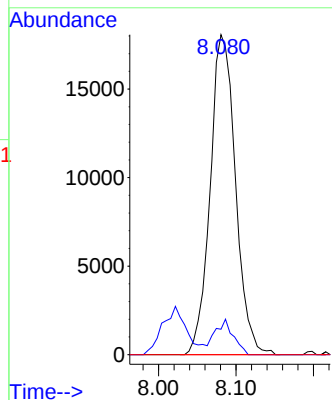
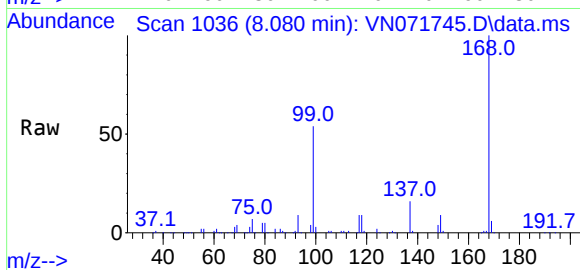
Tgt Ion: 75 Resp: 41033

Ion Ratio Lower Upper

75 100

110 7.9 18.3 54.8#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 6.551 ug/l

RT: 8.080 min Scan# 1036

Delta R.T. -0.124 min

Lab File: VN071745.D

Acq: 01 Apr 2022 11:56

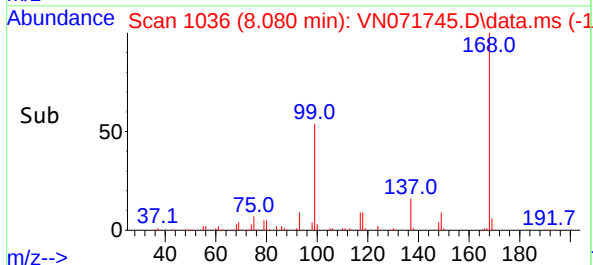
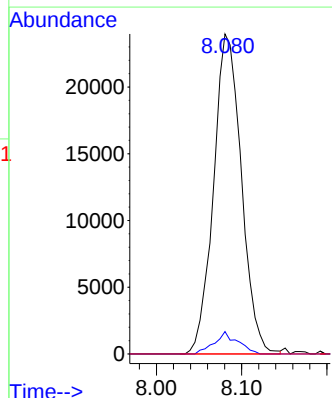
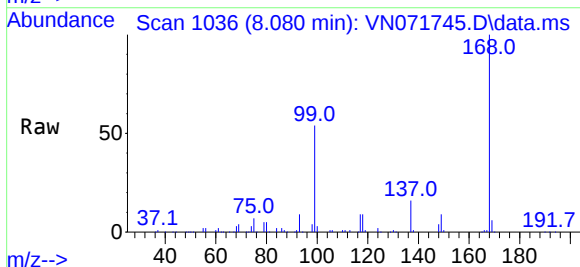
Tgt Ion: 117 Resp: 54465

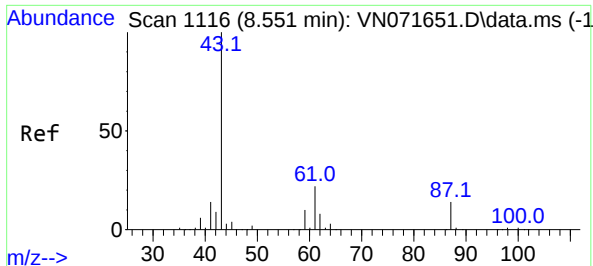
Ion Ratio Lower Upper

117 100

119 7.0 75.8 113.8#

121 0.0 24.6 37.0#

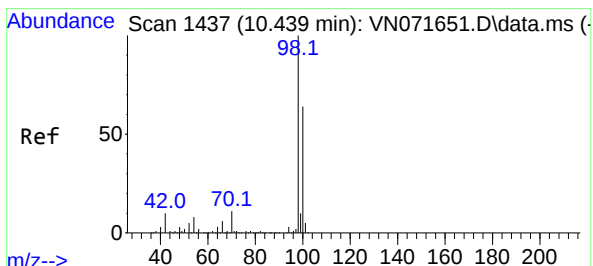
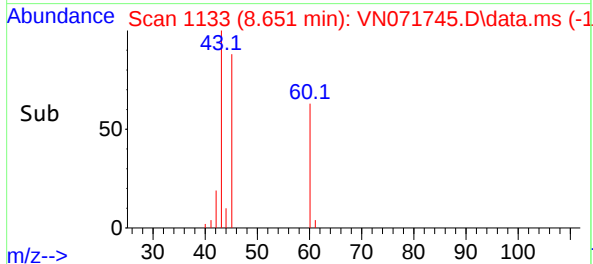
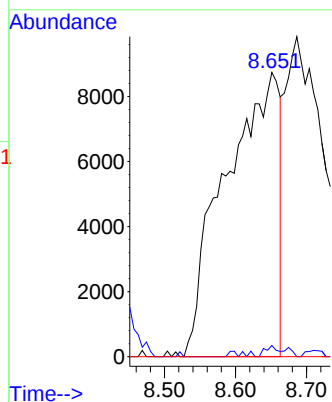
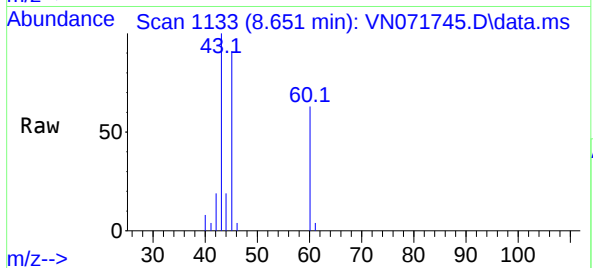




#43
Isopropyl Acetate
Concen: 2.993 ug/l
RT: 8.651 min Scan# 1116
Delta R.T. 0.100 min
Lab File: VN071745.D
Acq: 01 Apr 2022 11:56

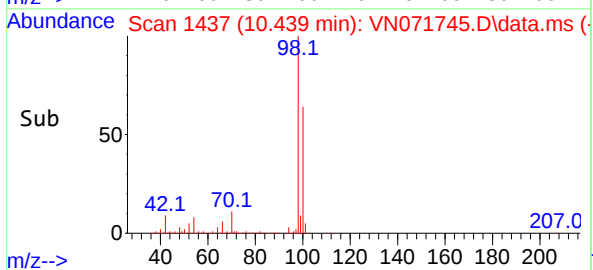
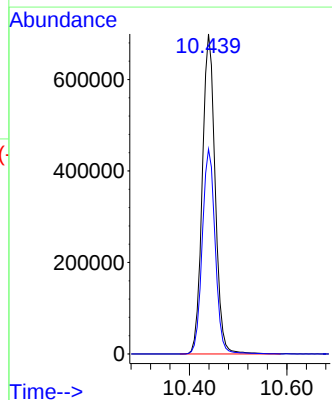
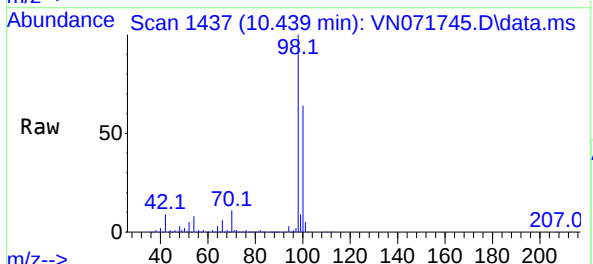
Instrument :
MSVOA_N
ClientSampleId :
VN0401WBL01

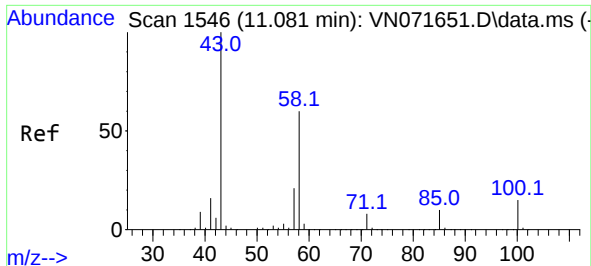
Tgt Ion: 43 Resp: 46225
Ion Ratio Lower Upper
43 100
61 0.9 21.9 32.9#
87 0.0 12.0 18.0#



#50
Toluene-d8
Concen: 51.478 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071745.D
Acq: 01 Apr 2022 11:56

Tgt Ion: 98 Resp: 1279333
Ion Ratio Lower Upper
98 100
100 64.5 52.6 78.8

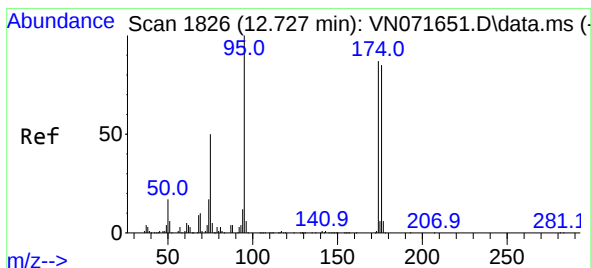
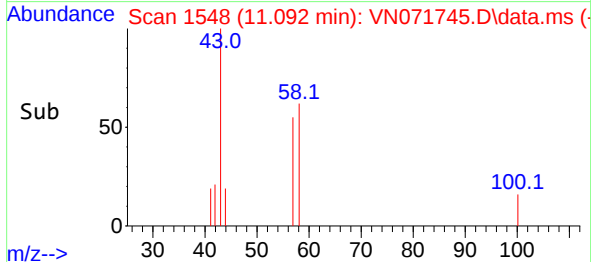
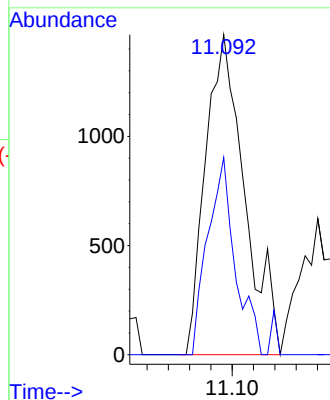
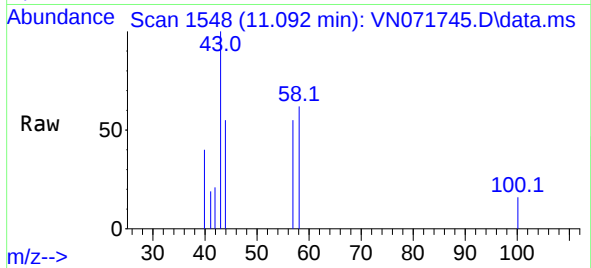




#59
2-Hexanone
Concen: 0.595 ug/l
RT: 11.092 min Scan# 11
Delta R.T. 0.011 min
Lab File: VN071745.D
Acq: 01 Apr 2022 11:56

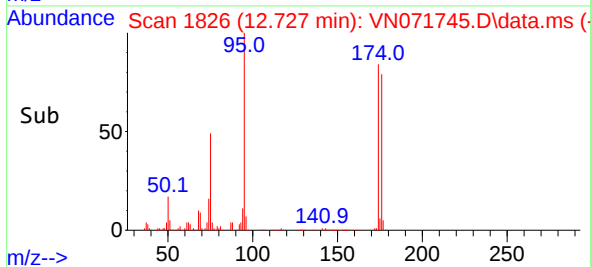
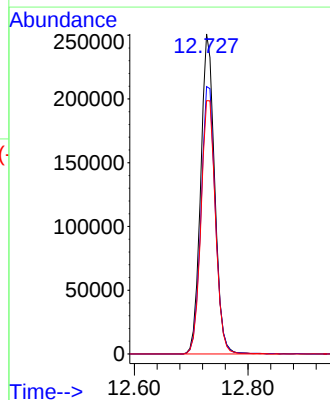
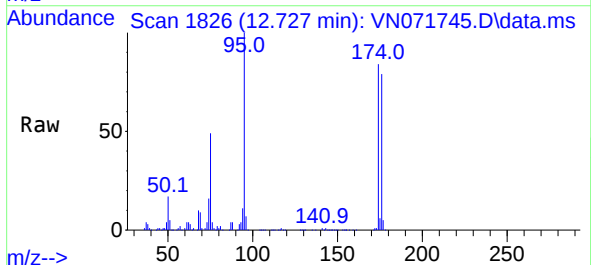
Instrument :
MSVOA_N
ClientSampleId :
VN0401WBL01

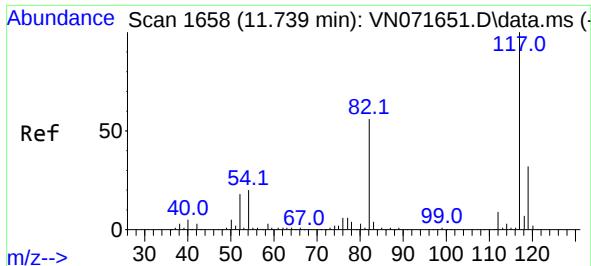
Tgt Ion: 43 Resp: 3718
Ion Ratio Lower Upper
43 100
58 43.8 29.7 89.1



#62
4-Bromofluorobenzene
Concen: 53.162 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071745.D
Acq: 01 Apr 2022 11:56

Tgt Ion: 95 Resp: 427296
Ion Ratio Lower Upper
95 100
174 85.9 0.0 167.6
176 82.4 0.0 163.4

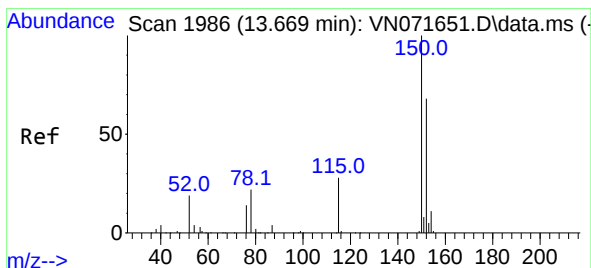
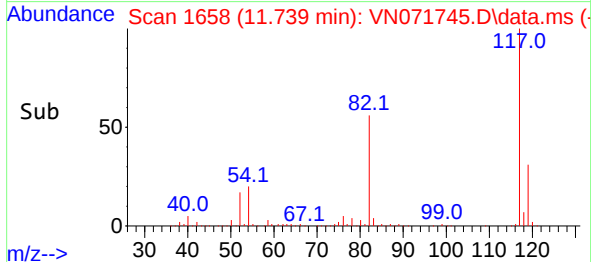
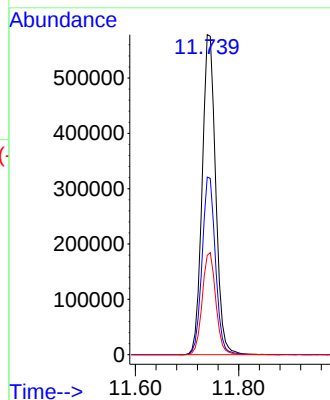
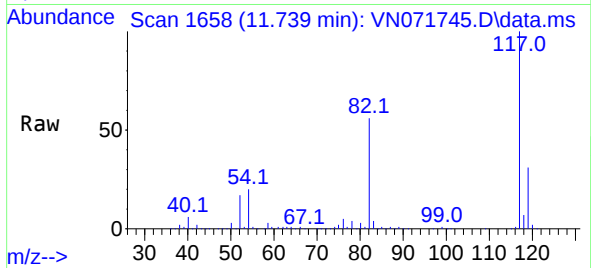




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN071745.D
Acq: 01 Apr 2022 11:56

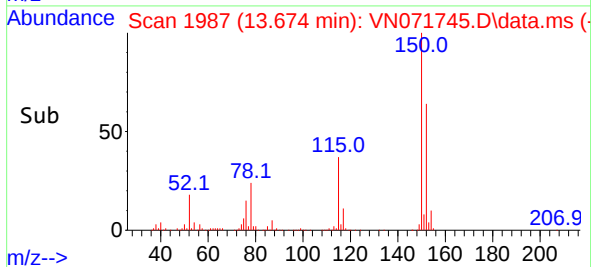
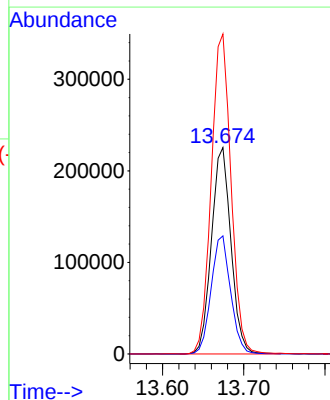
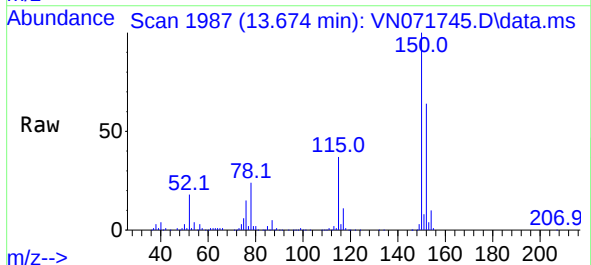
Instrument :
MSVOA_N
ClientSampleId :
VN0401WBL01

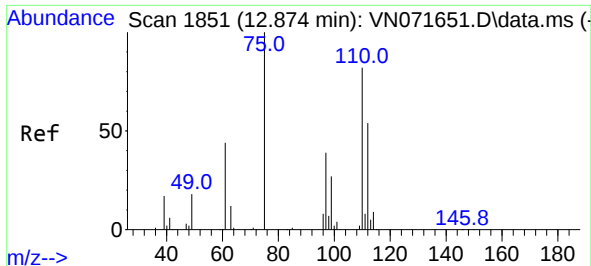
Tgt Ion:117 Resp: 1047433
Ion Ratio Lower Upper
117 100
82 55.5 44.2 66.2
119 31.1 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.674 min Scan# 1987
Delta R.T. 0.005 min
Lab File: VN071745.D
Acq: 01 Apr 2022 11:56

Tgt Ion:152 Resp: 376322
Ion Ratio Lower Upper
152 100
115 57.1 28.9 86.7
150 157.0 0.0 356.2

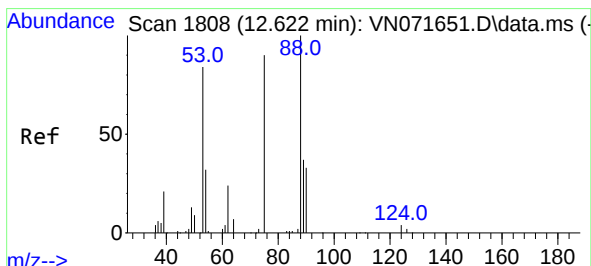
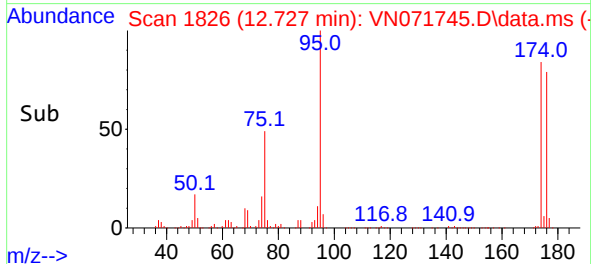
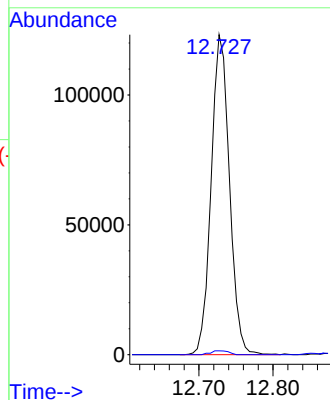
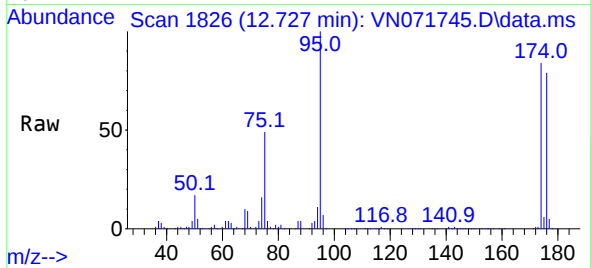




#76
1,2,3-Trichloropropane
Concen: 24.203 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.147 min
Lab File: VN071745.D
Acq: 01 Apr 2022 11:56

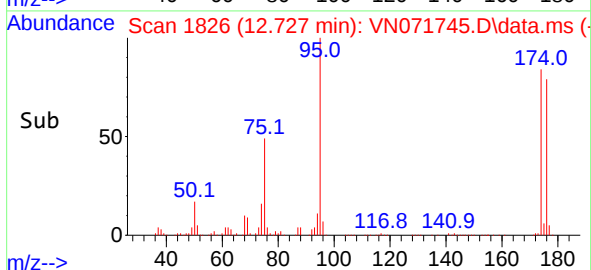
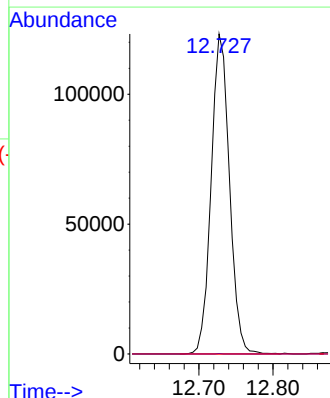
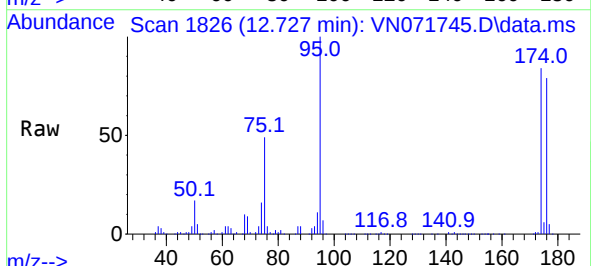
Instrument :
MSVOA_N
ClientSampleId :
VN0401WBL01

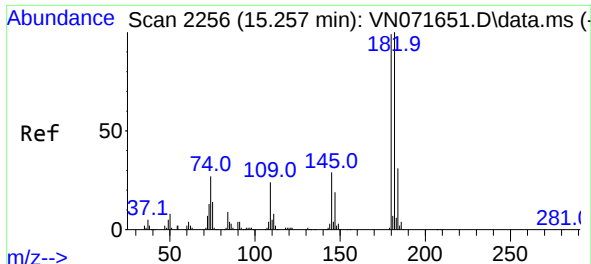
Tgt Ion: 75 Resp: 210997
Ion Ratio Lower Upper
75 100
77 1.2 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 75.004 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.105 min
Lab File: VN071745.D
Acq: 01 Apr 2022 11:56

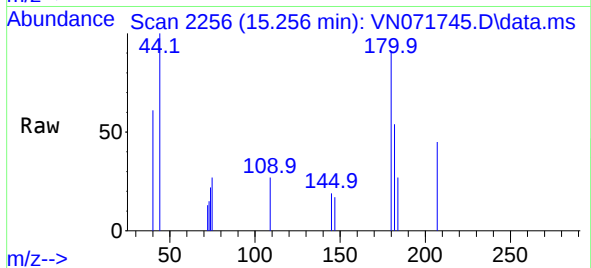
Tgt Ion: 75 Resp: 210997
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#



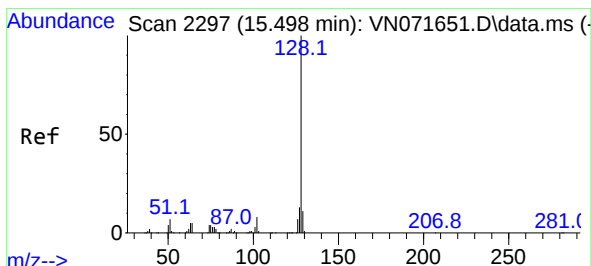
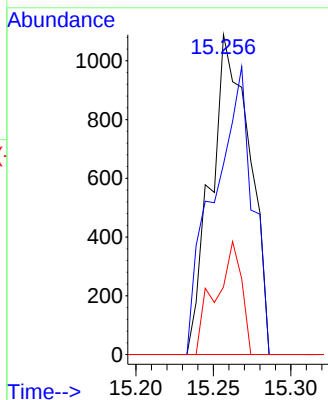
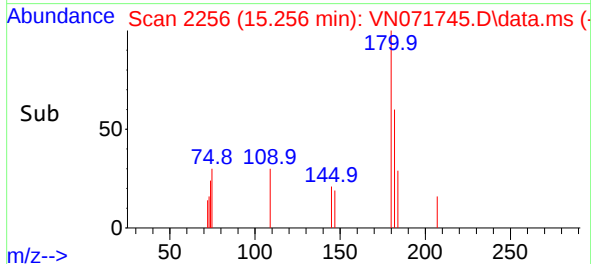


#93
1,2,4-Trichlorobenzene
Concen: 2.389 ug/l
RT: 15.256 min Scan# 21
Delta R.T. -0.001 min
Lab File: VN071745.D
Acq: 01 Apr 2022 11:56

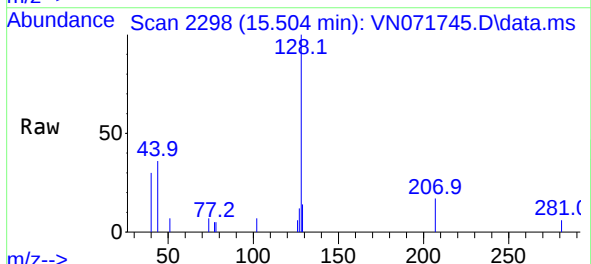
Instrument :
MSVOA_N
ClientSampleId :
VN0401WBL01



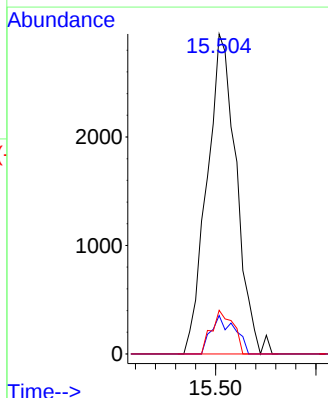
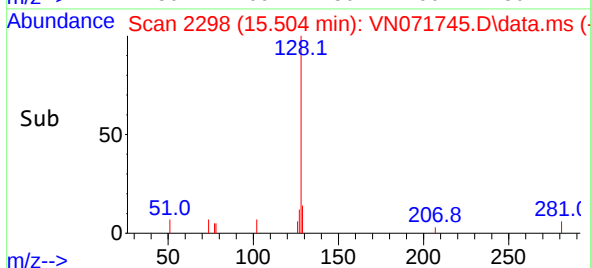
Tgt Ion:180 Resp: 1898
Ion Ratio Lower Upper
180 100
182 89.3 47.5 142.5
145 23.7 14.5 43.5

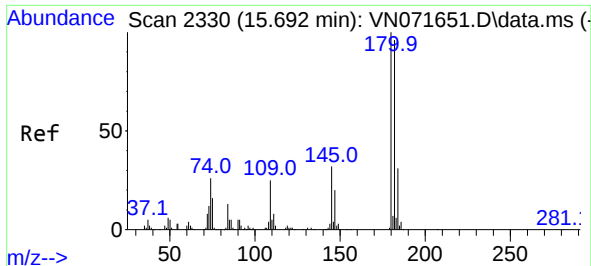


#95
Naphthalene
Concen: 4.126 ug/l
RT: 15.504 min Scan# 2298
Delta R.T. 0.006 min
Lab File: VN071745.D
Acq: 01 Apr 2022 11:56



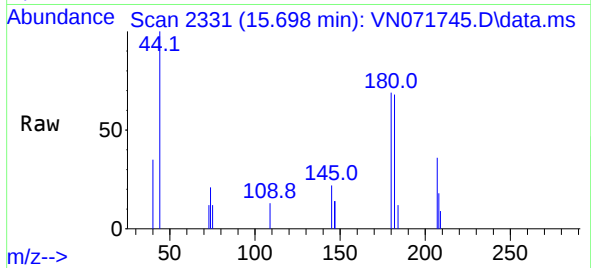
Tgt Ion:128 Resp: 5986
Ion Ratio Lower Upper
128 100
127 9.6 10.3 15.5#
129 10.0 8.6 13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 2.740 ug/l
 RT: 15.698 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN071745.D
 Acq: 01 Apr 2022 11:56

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0401WBL01



Tgt Ion:	180	Resp:	1987
Ion	Ratio	Lower	Upper
180	100		
182	106.7	47.8	143.3
145	37.8	15.5	46.5

