

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020222\
 Data File : VN070906.D
 Acq On : 2 Feb 2022 21:58
 Operator : JC/MD
 Sample : VN0202WBL01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0202WBL01

Quant Time: Feb 03 05:59:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N020222W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 02 15:30:39 2022
 Response via : Initial Calibration

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

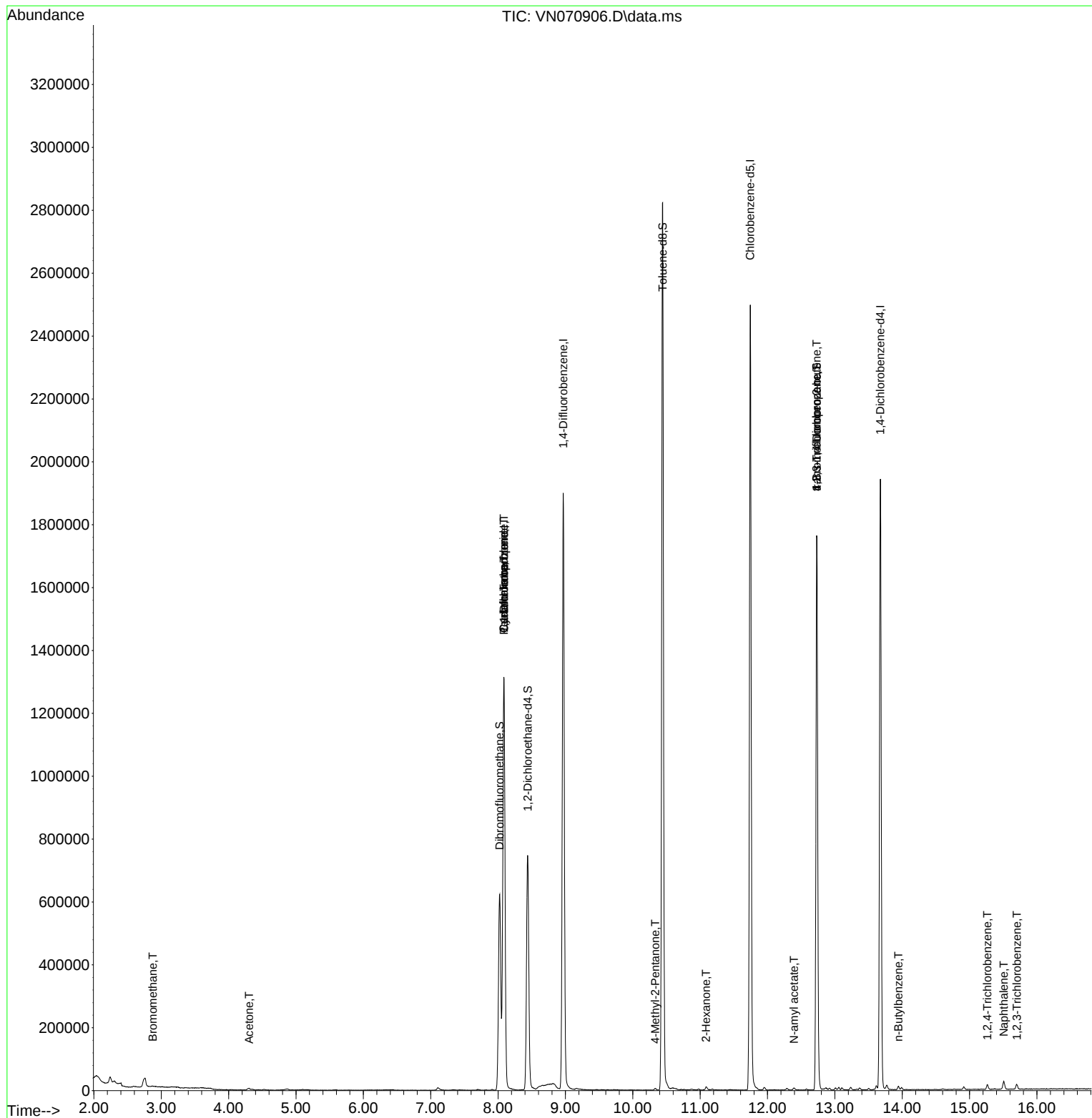
Internal Standards						
1) Pentafluorobenzene	8.088	168	1028951	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1643735	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1447776	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	539428	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	636444	45.696	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	91.400%
35) Dibromofluoromethane	8.024	113	473002	48.036	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	96.080%
50) Toluene-d8	10.443	98	1985598	49.112	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	98.220%
62) 4-Bromofluorobenzene	12.731	95	656685	45.078	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	90.160%
Target Compounds						
					Qvalue	
5) Bromomethane	2.874	94	1407	0.228	ug/l	83
16) Acetone	4.301	43	6456	0.775	ug/l #	86
18) Methyl Acetate	4.870	43	7601	Below Cal	#	69
31) Cyclohexane	8.085	56	22170	0.937	ug/l #	5
36) 1,1-Dichloropropene	8.085	75	82119	5.133	ug/l #	49
38) Carbon Tetrachloride	8.085	117	100825	6.902	ug/l #	17
51) 4-Methyl-2-Pentanone	10.333	43	4995	0.229	ug/l #	80
59) 2-Hexanone	11.087	43	9061	0.569	ug/l	93
74) N-amyl acetate	12.393	43	4708	0.223	ug/l #	78
76) 1,2,3-Trichloropropane	12.731	75	336561	25.921	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.731	75	336561	70.264	ug/l #	5
89) n-Butylbenzene	13.943	91	7205	0.223	ug/l	96
93) 1,2,4-Trichlorobenzene	15.265	180	5111	0.513	ug/l	92
95) Naphthalene	15.507	128	23770	4.325	ug/l	96
96) 1,2,3-Trichlorobenzene	15.702	180	6252	2.337	ug/l	99

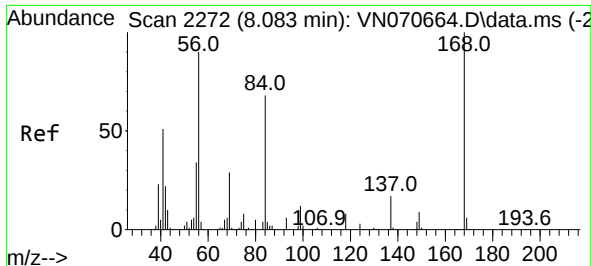
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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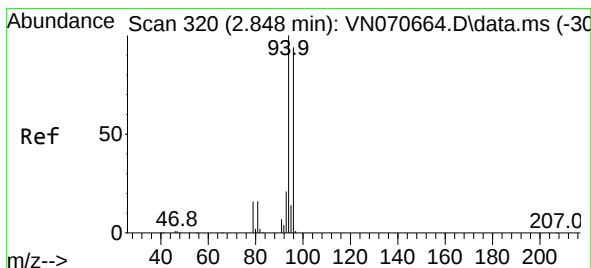
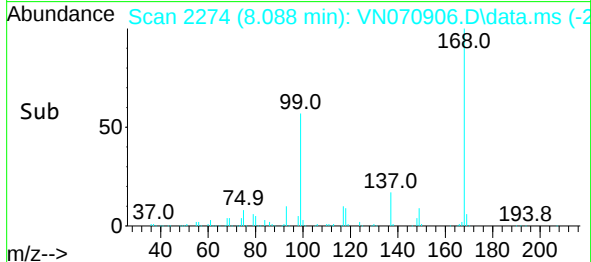
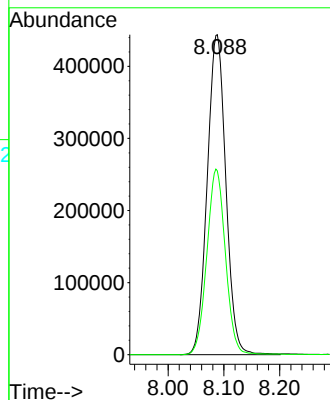
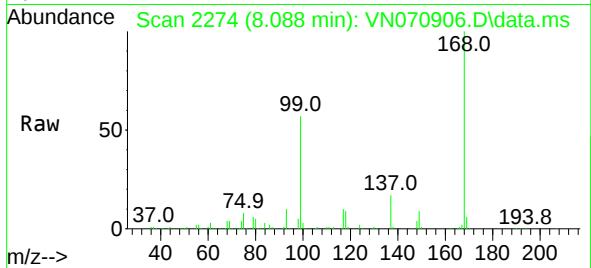




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 21
Delta R.T. 0.002 min
Lab File: VN070906.D
Acq: 2 Feb 2022 21:58

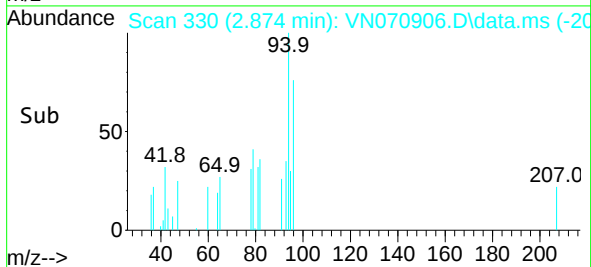
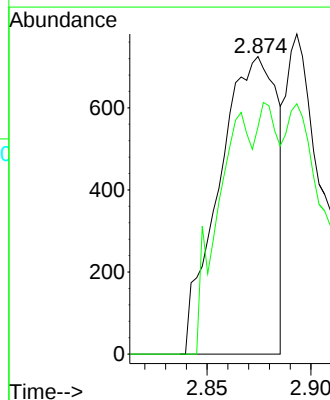
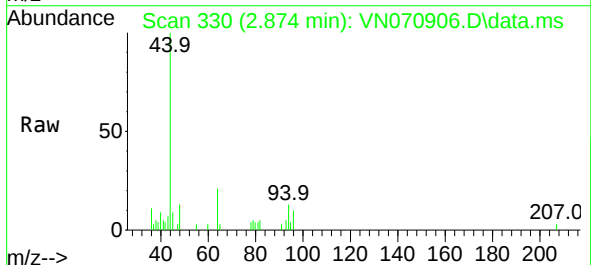
Instrument :
MSVOA_N
ClientSampleId :
VN0202WBL01

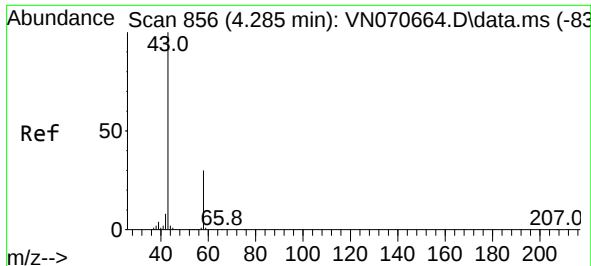
Tgt Ion:168 Resp: 1028951
Ion Ratio Lower Upper
168 100
99 57.4 41.3 61.9



#5
Bromomethane
Concen: 0.228 ug/l
RT: 2.874 min Scan# 330
Delta R.T. 0.042 min
Lab File: VN070906.D
Acq: 2 Feb 2022 21:58

Tgt Ion: 94 Resp: 1407
Ion Ratio Lower Upper
94 100
96 76.3 73.8 110.8

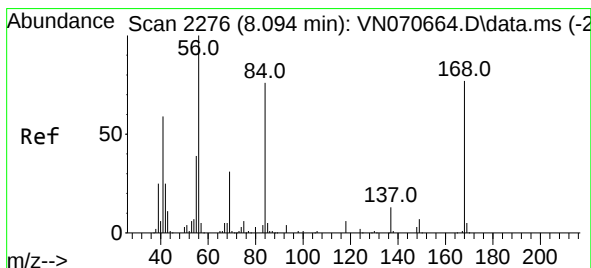
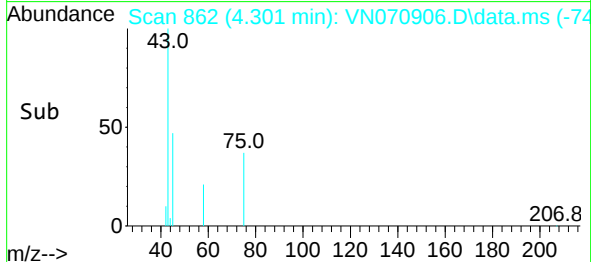
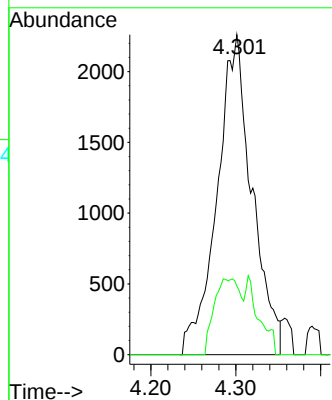
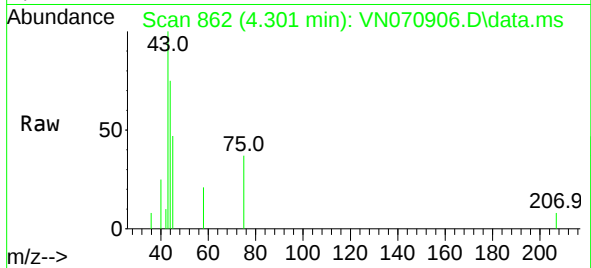




#16
Acetone
Concen: 0.775 ug/l
RT: 4.301 min Scan# 856
Delta R.T. 0.016 min
Lab File: VN070906.D
Acq: 2 Feb 2022 21:58

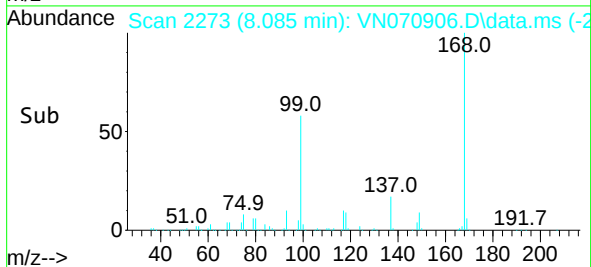
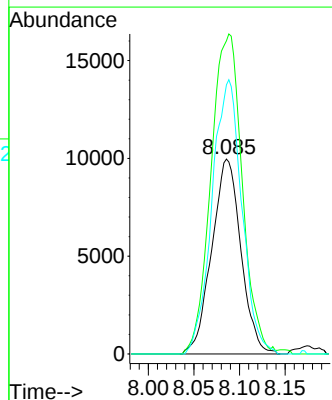
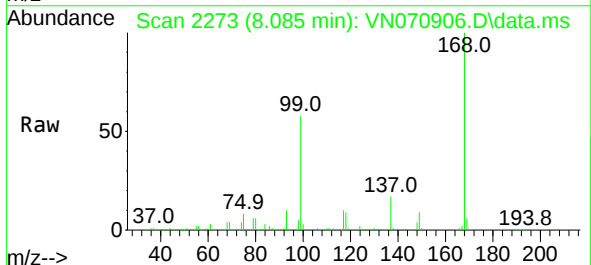
Instrument :
MSVOA_N
ClientSampleId :
VN0202WBL01

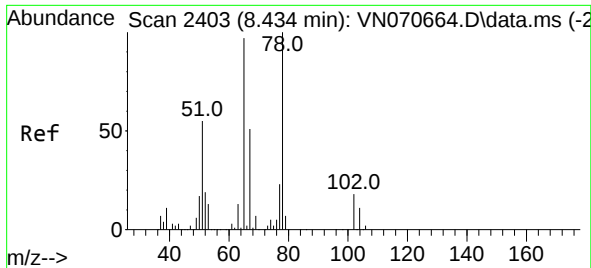
Tgt Ion: 43 Resp: 6456
Ion Ratio Lower Upper
43 100
58 21.5 23.1 34.7#



#31
Cyclohexane
Concen: 0.937 ug/l
RT: 8.085 min Scan# 2273
Delta R.T. -0.008 min
Lab File: VN070906.D
Acq: 2 Feb 2022 21:58

Tgt Ion: 56 Resp: 22170
Ion Ratio Lower Upper
56 100
69 160.7 27.1 40.7#
84 138.1 73.4 110.0#

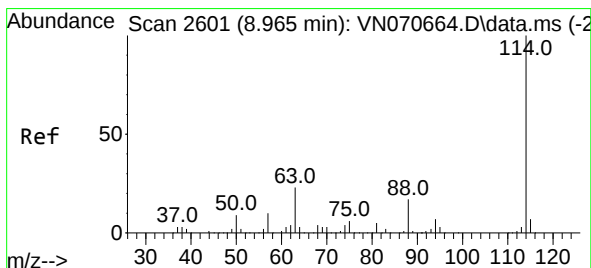
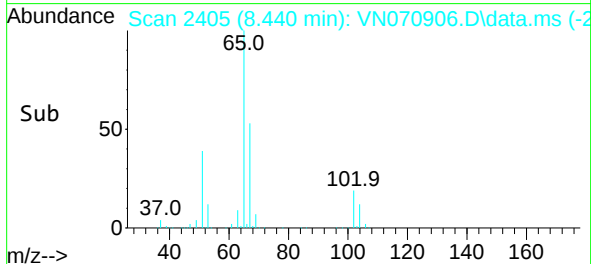
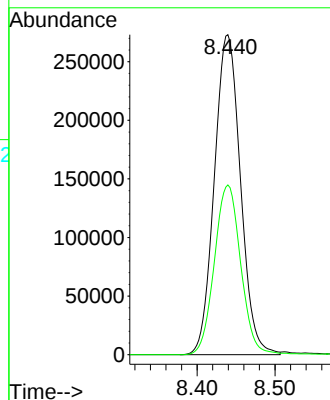
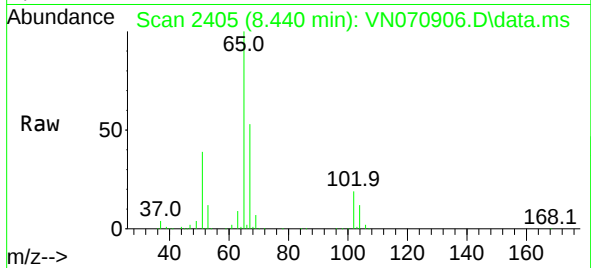




#33
 1,2-Dichloroethane-d4
 Concen: 45.696 ug/l
 RT: 8.440 min Scan# 24
 Delta R.T. 0.003 min
 Lab File: VN070906.D
 Acq: 2 Feb 2022 21:58

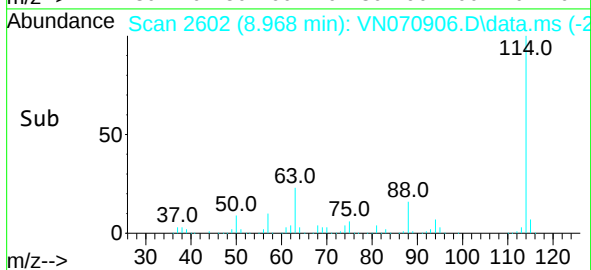
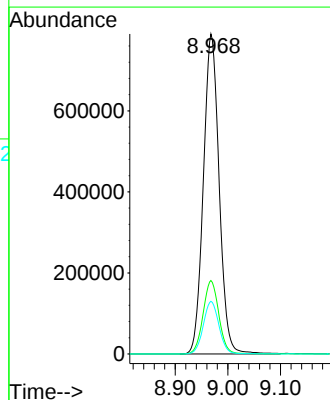
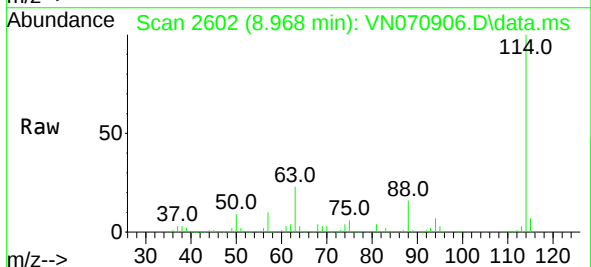
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0202WBL01

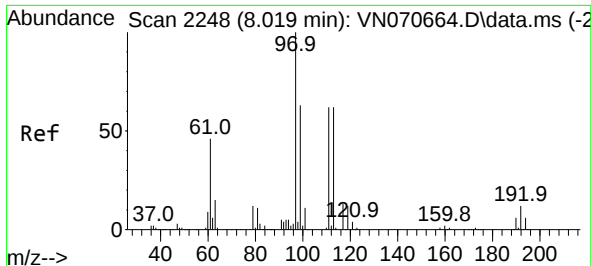
Tgt Ion: 65 Resp: 636444
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.968 min Scan# 2602
 Delta R.T. 0.002 min
 Lab File: VN070906.D
 Acq: 2 Feb 2022 21:58

Tgt Ion: 114 Resp: 1643735
 Ion Ratio Lower Upper
 114 100
 63 22.9 0.0 37.8
 88 16.4 0.0 27.4





#35

Dibromofluoromethane

Concen: 48.036 ug/l

RT: 8.024 min Scan# 21

Delta R.T. 0.003 min

Lab File: VN070906.D

Acq: 2 Feb 2022 21:58

Instrument :

MSVOA_N

ClientSampleId :

VN0202WBL01

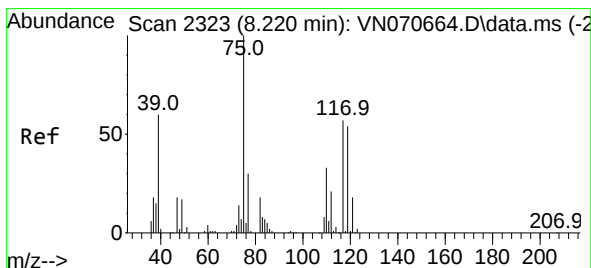
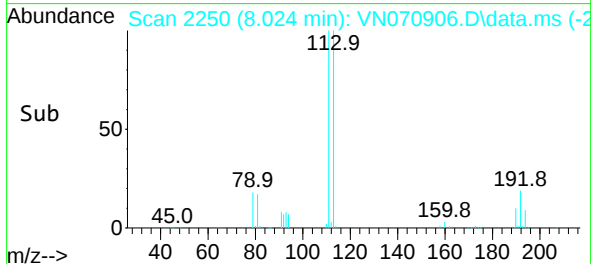
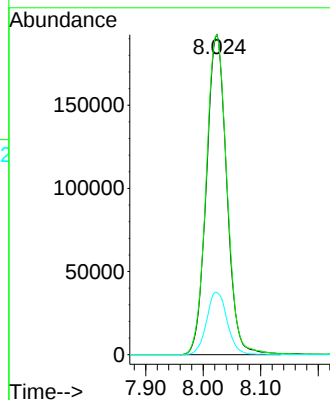
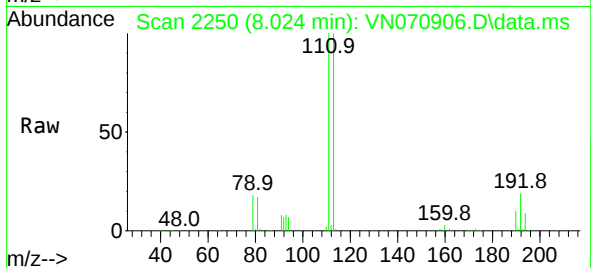
Tgt Ion:113 Resp: 473002

Ion Ratio Lower Upper

113 100

111 102.0 82.2 123.2

192 19.8 16.9 25.3



#36

1,1-Dichloropropene

Concen: 5.133 ug/l

RT: 8.085 min Scan# 2273

Delta R.T. -0.135 min

Lab File: VN070906.D

Acq: 2 Feb 2022 21:58

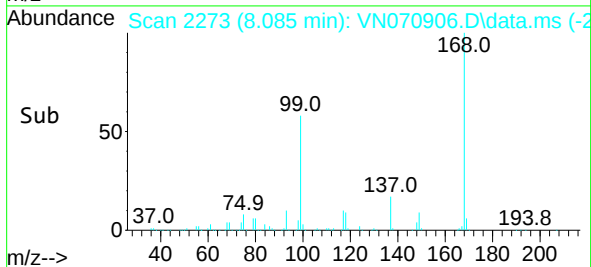
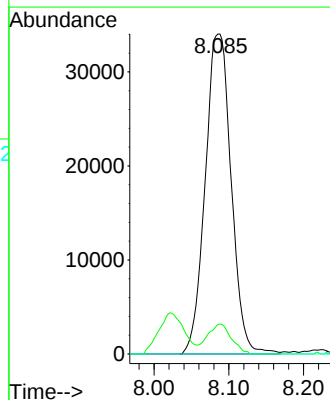
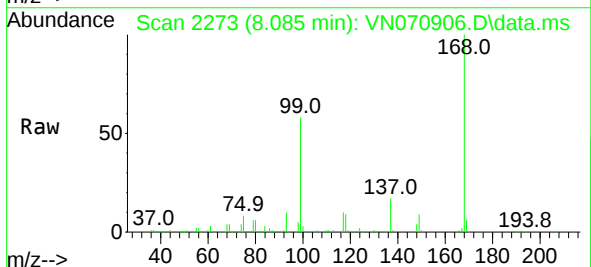
Tgt Ion: 75 Resp: 82119

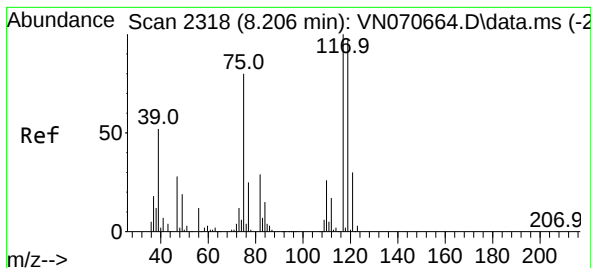
Ion Ratio Lower Upper

75 100

110 8.6 18.4 55.2#

77 0.0 24.4 36.6#





#38

Carbon Tetrachloride

Concen: 6.902 ug/l

RT: 8.085 min Scan# 21

Delta R.T. -0.120 min

Lab File: VN070906.D

Acq: 2 Feb 2022 21:58

Instrument :

MSVOA_N

ClientSampleId :

VN0202WBL01

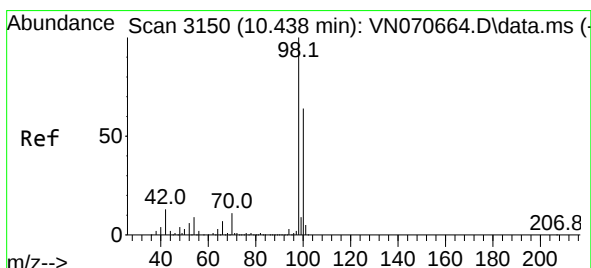
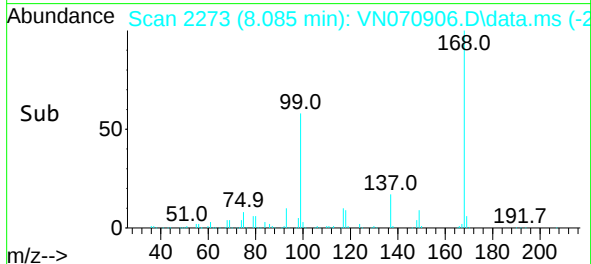
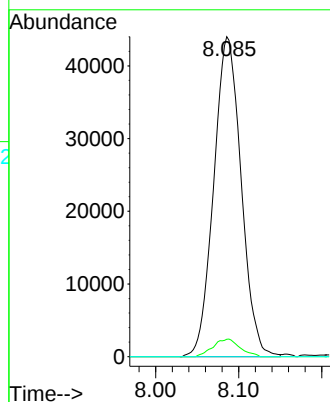
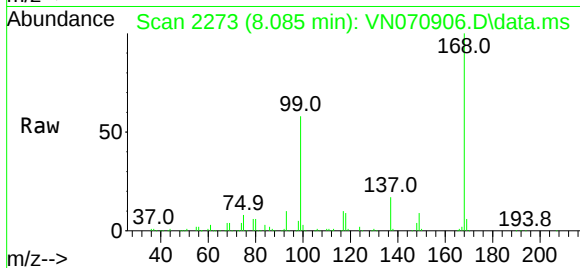
Tgt Ion:117 Resp: 100825

Ion Ratio Lower Upper

117 100

119 5.4 76.1 114.1#

121 0.0 24.2 36.2#



#50

Toluene-d8

Concen: 49.112 ug/l

RT: 10.443 min Scan# 3152

Delta R.T. 0.002 min

Lab File: VN070906.D

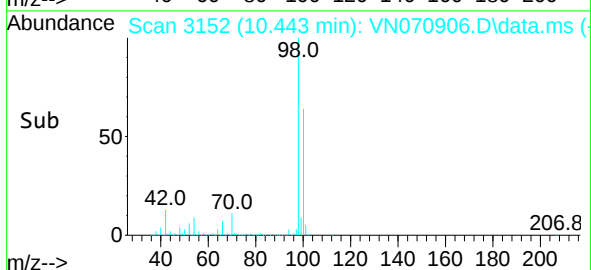
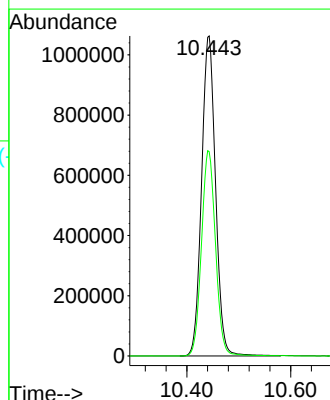
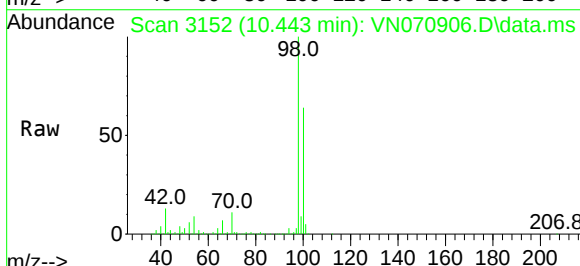
Acq: 2 Feb 2022 21:58

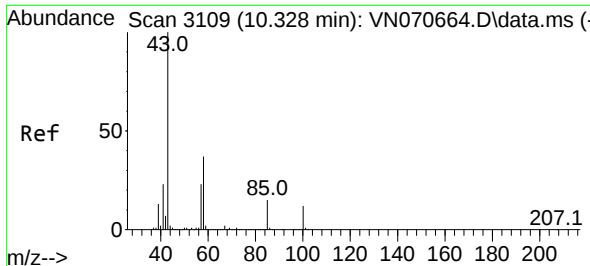
Tgt Ion: 98 Resp: 1985598

Ion Ratio Lower Upper

98 100

100 64.5 50.4 75.6

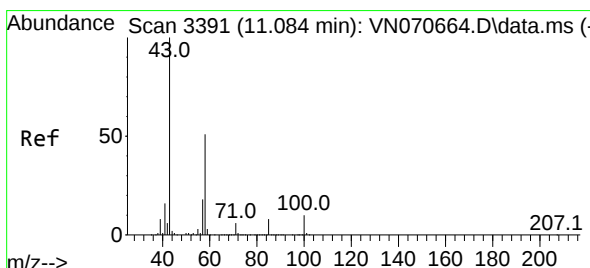
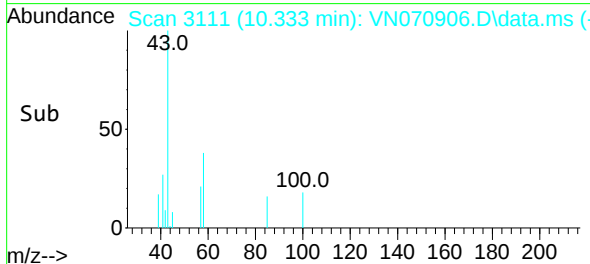
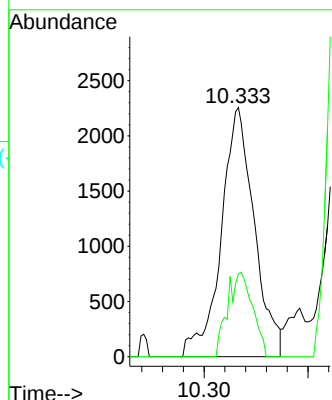
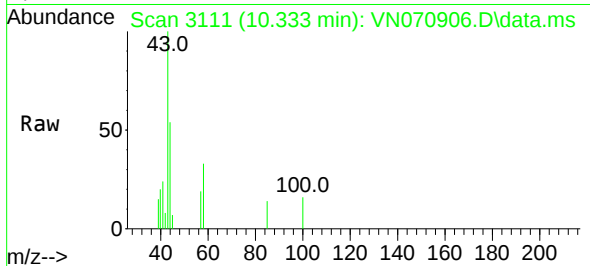




#51
4-Methyl-2-Pentanone
Concen: 0.229 ug/l
RT: 10.333 min Scan# 3111
Delta R.T. 0.002 min
Lab File: VN070906.D
Acq: 2 Feb 2022 21:58

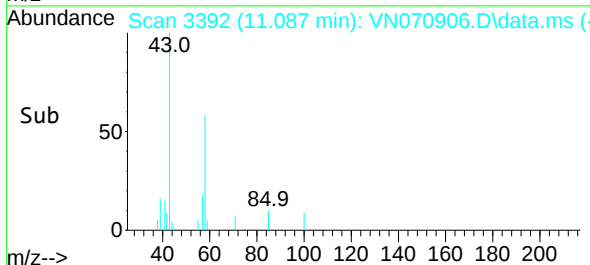
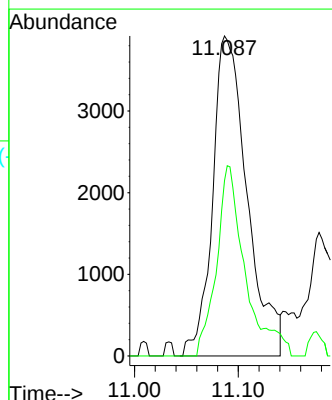
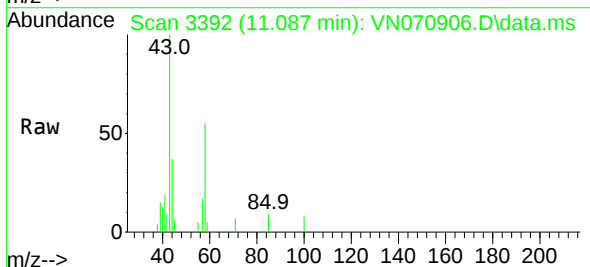
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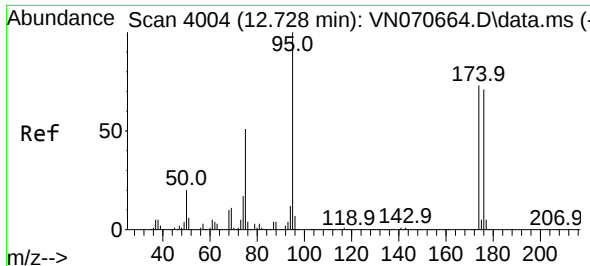
Tgt Ion: 43 Resp: 4995
Ion Ratio Lower Upper
43 100
58 25.6 30.4 45.6#



#59
2-Hexanone
Concen: 0.569 ug/l
RT: 11.087 min Scan# 3392
Delta R.T. 0.003 min
Lab File: VN070906.D
Acq: 2 Feb 2022 21:58

Tgt Ion: 43 Resp: 9061
Ion Ratio Lower Upper
43 100
58 49.1 26.9 80.7

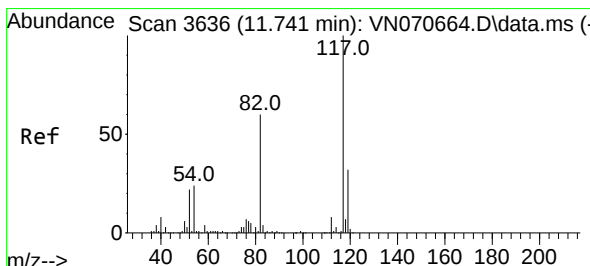
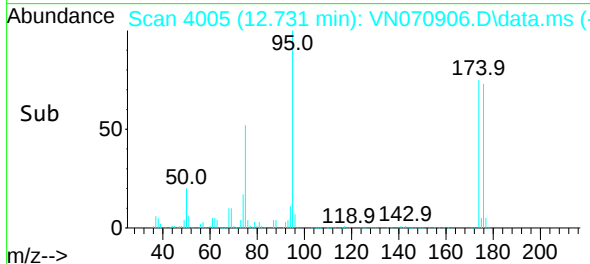
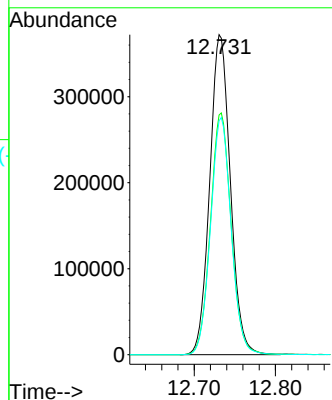
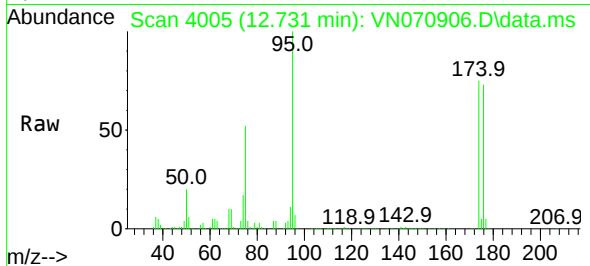




#62
4-Bromofluorobenzene
Concen: 45.078 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070906.D
Acq: 2 Feb 2022 21:58

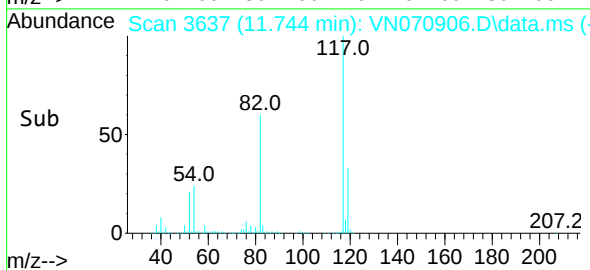
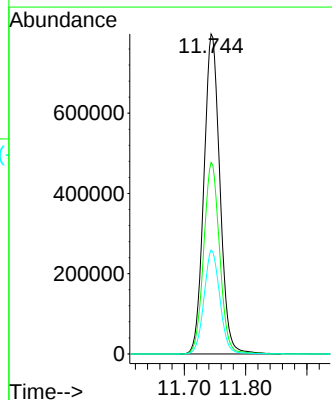
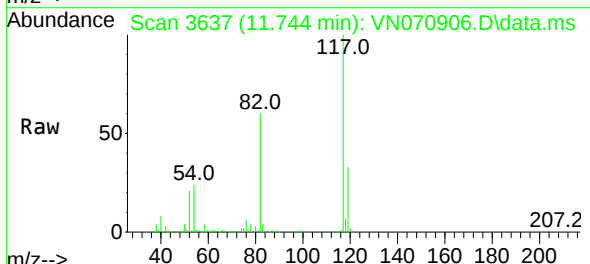
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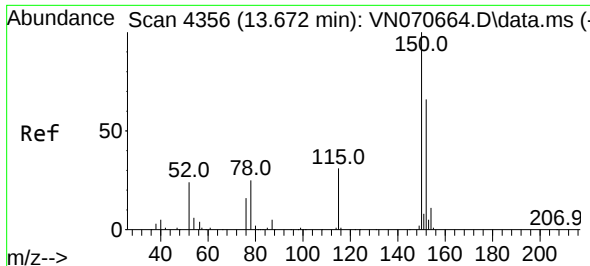
Tgt Ion: 95 Resp: 656685
Ion Ratio Lower Upper
95 100
174 75.9 0.0 187.2
176 73.9 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.000 min
Lab File: VN070906.D
Acq: 2 Feb 2022 21:58

Tgt Ion: 117 Resp: 1447776
Ion Ratio Lower Upper
117 100
82 59.8 42.4 63.6
119 32.5 25.4 38.2

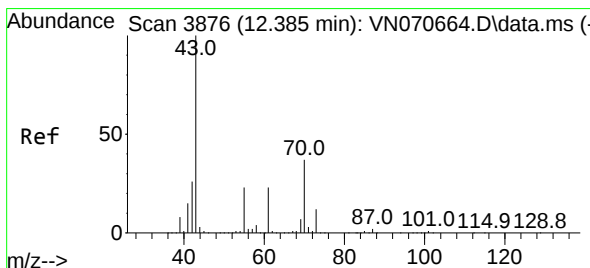
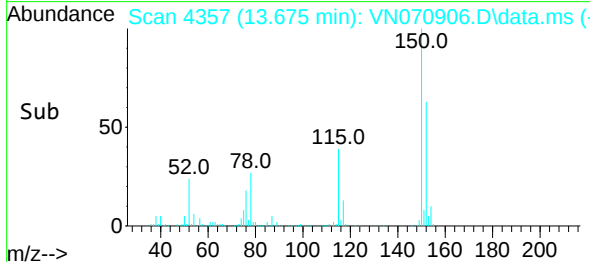
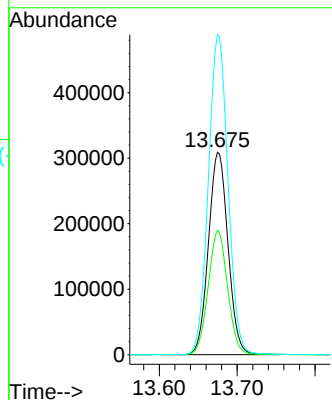
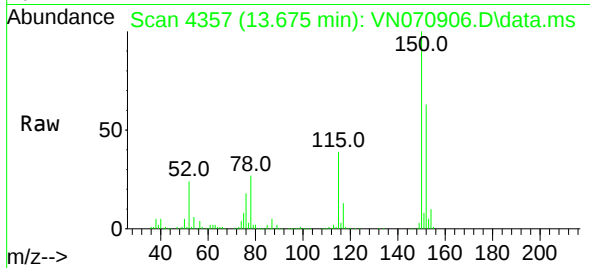




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 41
Delta R.T. 0.003 min
Lab File: VN070906.D
Acq: 2 Feb 2022 21:58

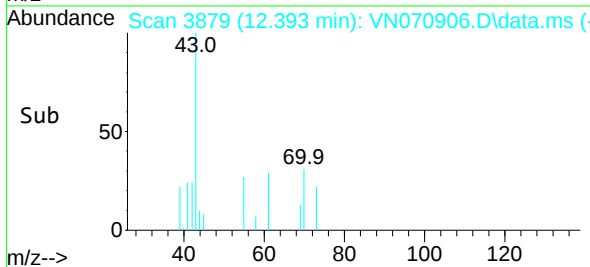
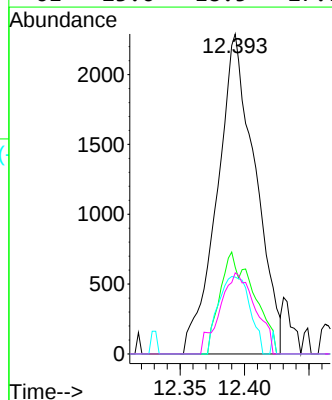
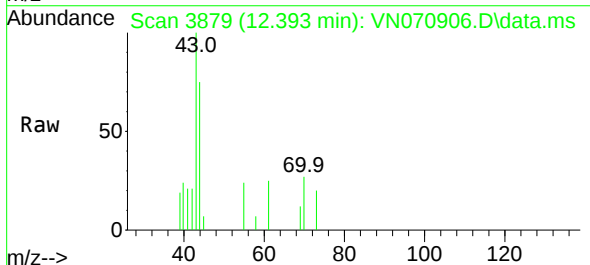
Instrument :
MSVOA_N
ClientSampleId :
VN0202WBL01

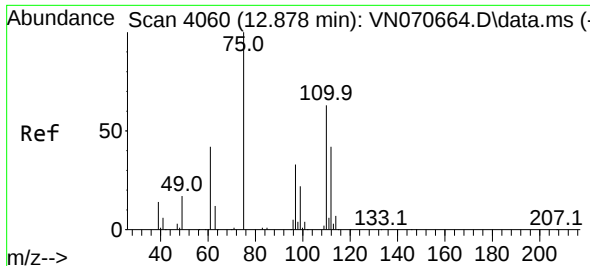
Tgt Ion:152 Resp: 539428
Ion Ratio Lower Upper
152 100
115 61.0 27.5 82.5
150 158.3 0.0 344.4



#74
N-ethyl acetate
Concen: 0.223 ug/l
RT: 12.393 min Scan# 3879
Delta R.T. 0.005 min
Lab File: VN070906.D
Acq: 2 Feb 2022 21:58

Tgt Ion: 43 Resp: 4708
Ion Ratio Lower Upper
43 100
70 15.2 33.4 50.0#
55 20.1 19.3 28.9
61 23.6 18.5 27.7

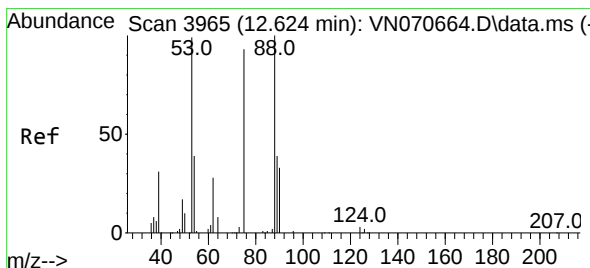
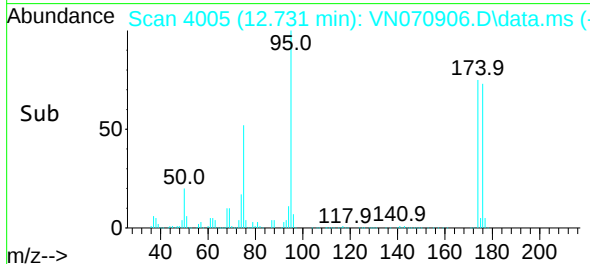
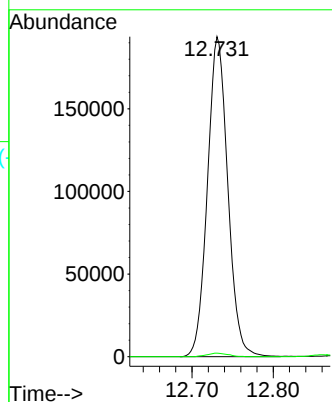
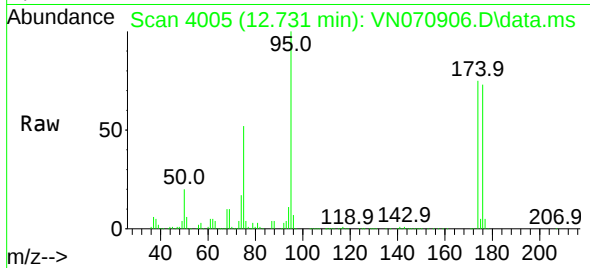




#76
1,2,3-Trichloropropane
Concen: 25.921 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.147 min
Lab File: VN070906.D
Acq: 2 Feb 2022 21:58

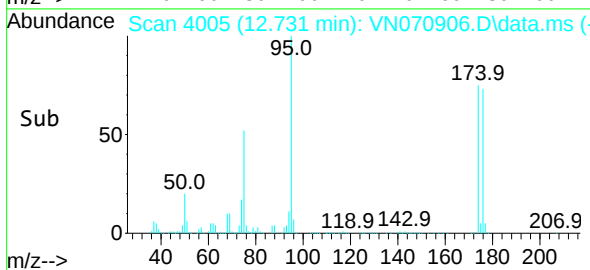
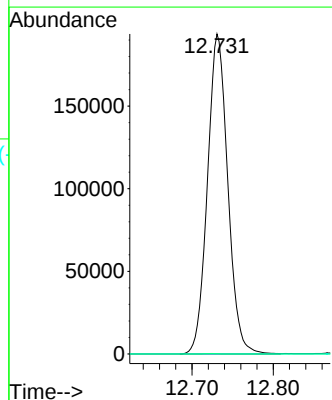
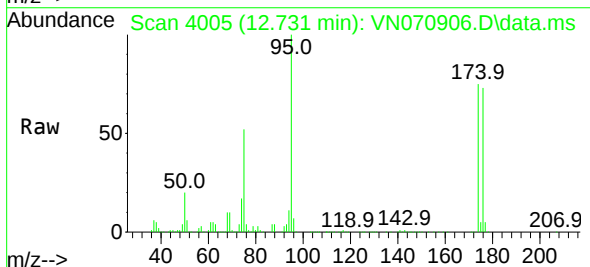
Instrument :
MSVOA_N
ClientSampleId :
VN0202WBL01

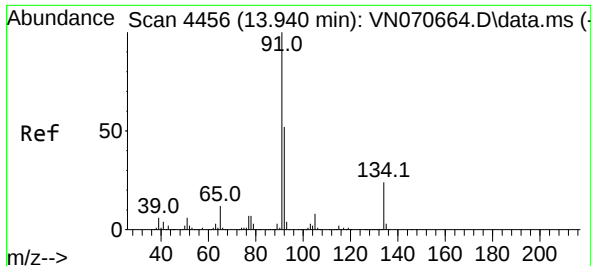
Tgt Ion: 75 Resp: 336561
Ion Ratio Lower Upper
75 100
77 1.1 82.6 247.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 70.264 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.107 min
Lab File: VN070906.D
Acq: 2 Feb 2022 21:58

Tgt Ion: 75 Resp: 336561
Ion Ratio Lower Upper
75 100
53 0.1 90.5 135.7#
89 0.0 38.2 57.4#





#89

n-Butylbenzene

Concen: 0.223 ug/l

RT: 13.943 min Scan# 4456

Delta R.T. 0.002 min

Lab File: VN070906.D

Acq: 2 Feb 2022 21:58

Instrument :

MSVOA_N

ClientSampleId :

VN0202WBL01

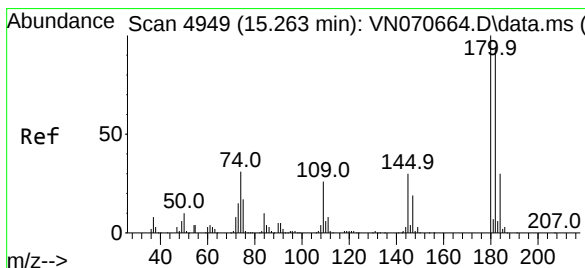
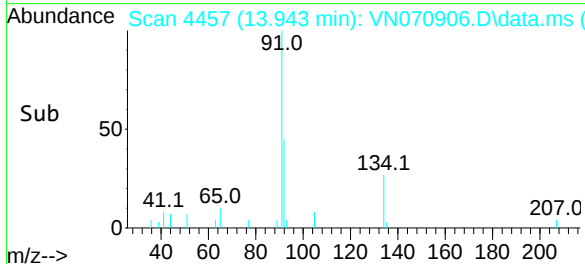
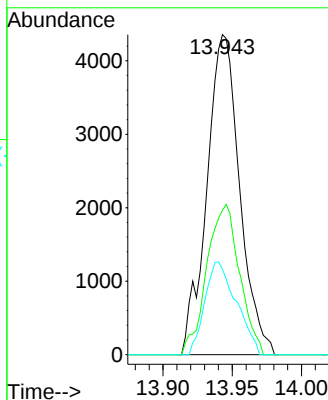
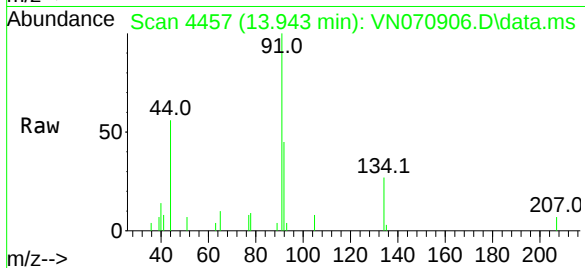
Tgt Ion: 91 Resp: 7205

Ion Ratio Lower Upper

91 100

92 46.7 25.4 76.0

134 27.7 13.6 40.8



#93

1,2,4-Trichlorobenzene

Concen: 0.513 ug/l

RT: 15.265 min Scan# 4950

Delta R.T. 0.002 min

Lab File: VN070906.D

Acq: 2 Feb 2022 21:58

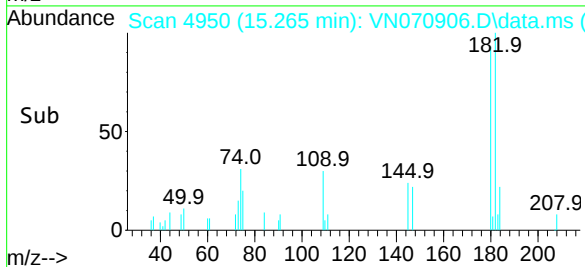
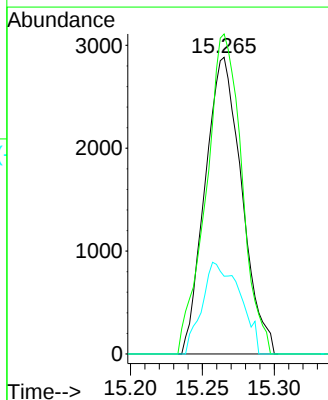
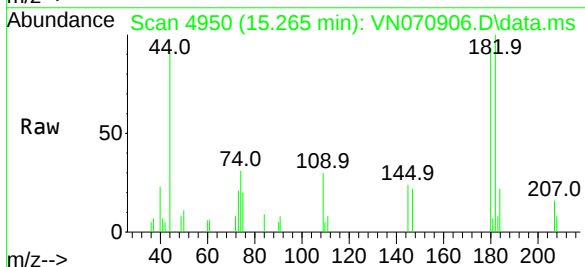
Tgt Ion: 180 Resp: 5111

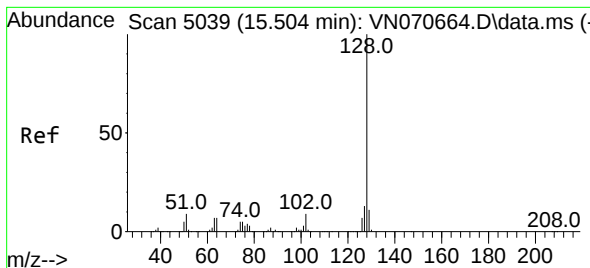
Ion Ratio Lower Upper

180 100

182 105.0 48.3 144.9

145 32.0 14.5 43.5





#95

Naphthalene

Concen: 4.325 ug/l

RT: 15.507 min Scan# 5039

Delta R.T. 0.003 min

Lab File: VN070906.D

Acq: 2 Feb 2022 21:58

Instrument :

MSVOA_N

ClientSampleId :

VN0202WBL01

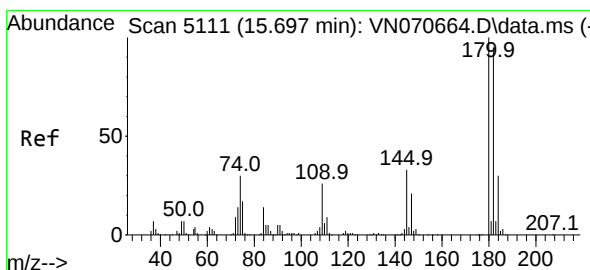
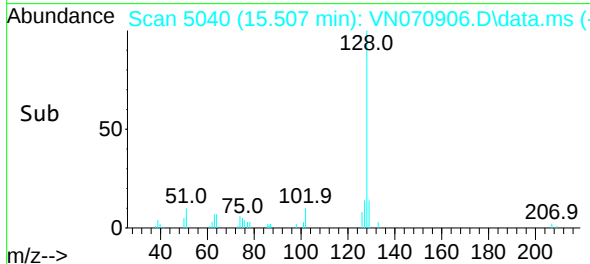
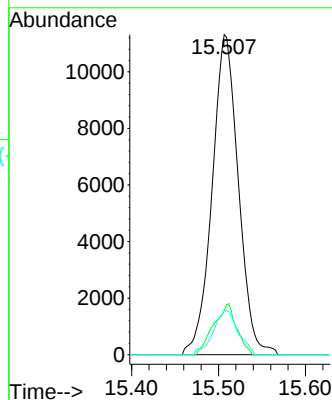
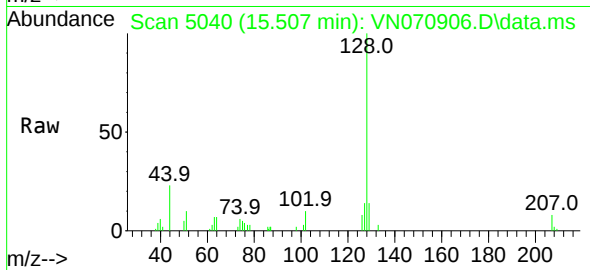
Tgt Ion:128 Resp: 23770

Ion Ratio Lower Upper

128 100

127 13.9 10.5 15.7

129 13.0 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 2.337 ug/l

RT: 15.702 min Scan# 5113

Delta R.T. 0.002 min

Lab File: VN070906.D

Acq: 2 Feb 2022 21:58

Tgt Ion:180 Resp: 6252

Ion Ratio Lower Upper

180 100

182 94.7 47.4 142.2

145 31.2 15.0 45.1

