

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012522\
 Data File : VN070775.D
 Acq On : 25 Jan 2022 15:39
 Operator : JC/MD
 Sample : N1250-04
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB

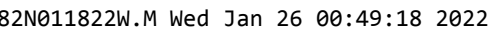
Quant Time: Jan 26 00:49:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 18 13:32:07 2022
 Response via : Initial Calibration

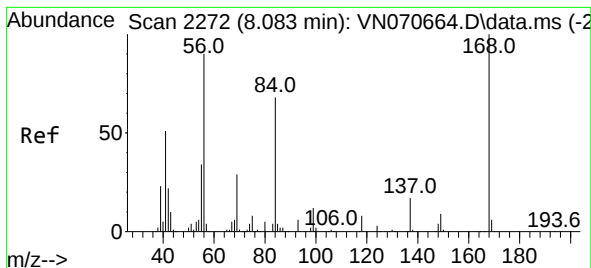
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.086	168	964131	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1501438	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1348855	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	445803	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	640562	46.359	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	92.720%
35) Dibromofluoromethane	8.019	113	439079	47.145	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	94.280%
50) Toluene-d8	10.441	98	1860523	47.420	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	94.840%
62) 4-Bromofluorobenzene	12.731	95	647878	46.339	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	92.680%
Target Compounds						
					Qvalue	
5) Bromomethane	2.821	94	2902	0.360	ug/l	86
11) Tert butyl alcohol	5.323	59	7498	3.008	ug/l #	71
13) Acrolein	4.044	56	791	0.221	ug/l #	57
16) Acetone	4.288	43	2154	0.225	ug/l	96
18) Methyl Acetate	4.862	43	13202	0.700	ug/l #	83
30) Chloroform	7.818	83	8076	Below Cal		89
31) Cyclohexane	8.080	56	23147	0.951	ug/l #	15
36) 1,1-Dichloropropene	8.083	75	79620	5.078	ug/l #	49
38) Carbon Tetrachloride	8.083	117	97477	6.988	ug/l #	15
53) t-1,3-Dichloropropene	10.441	75	320	2.420	ug/l #	1
76) 1,2,3-Trichloropropane	12.731	75	344082	29.101	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.731	75	344082	86.696	ug/l #	5
93) 1,2,4-Trichlorobenzene	15.265	180	999	3.538	ug/l	96
95) Naphthalene	15.504	128	3114	5.070	ug/l #	79
96) 1,2,3-Trichlorobenzene	15.703	180	1106	3.347	ug/l	90

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

Quant Time: Jan 26 00:49:14 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011822W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 18 13:32:07 2022
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.086 min Scan# 21

Delta R.T. 0.003 min

Lab File: VN070775.D

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MSVOA_N

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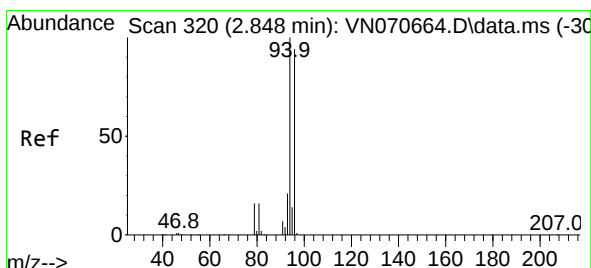
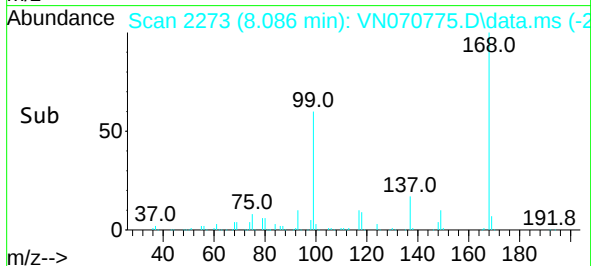
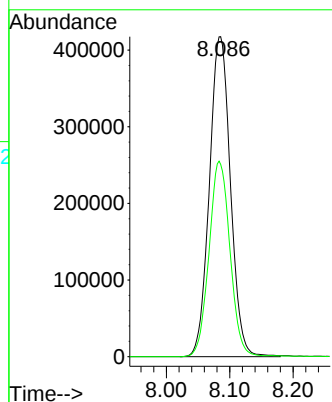
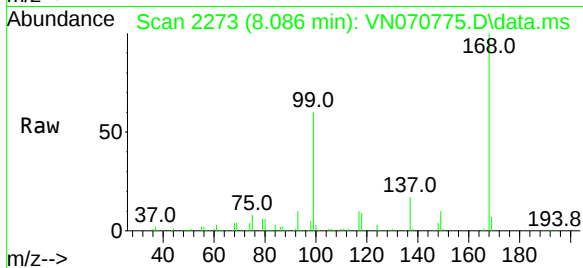
TB

Tgt Ion:168 Resp: 964131

Ion Ratio Lower Upper

168 100

99 60.1 41.3 61.9



#5

Bromomethane

Concen: 0.360 ug/l

RT: 2.821 min Scan# 310

Delta R.T. -0.027 min

Lab File: VN070775.D

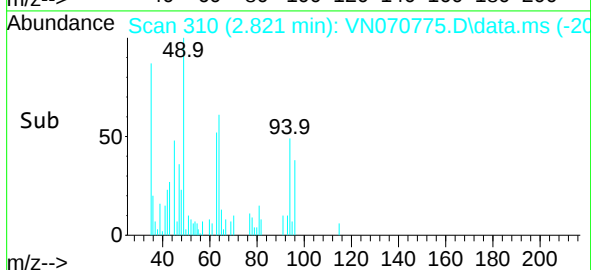
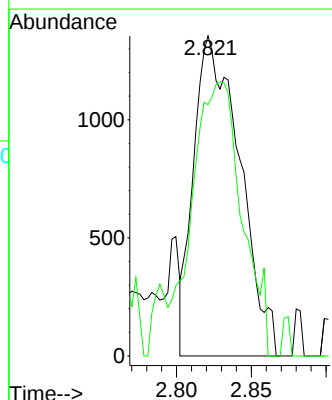
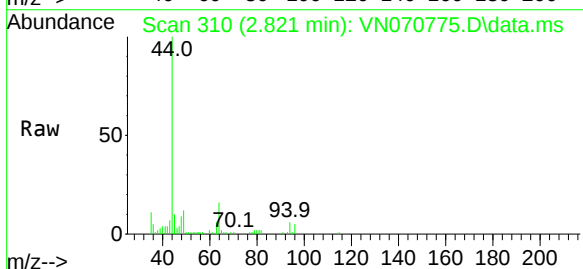
Acq: 25 Jan 2022 15:39

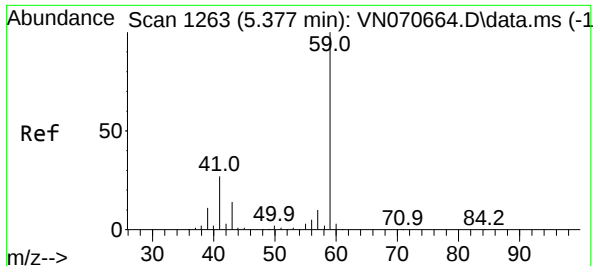
Tgt Ion: 94 Resp: 2902

Ion Ratio Lower Upper

94 100

96 78.5 73.8 110.8





#11

Tert butyl alcohol

Concen: 3.008 ug/l

RT: 5.323 min Scan# 11

Delta R.T. -0.054 min

Lab File: VN070775.D

Acq: 25 Jan 2022 15:39

Instrument :

MSVOA_N

ClientSampleId :

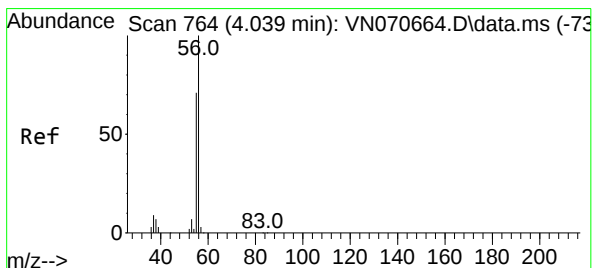
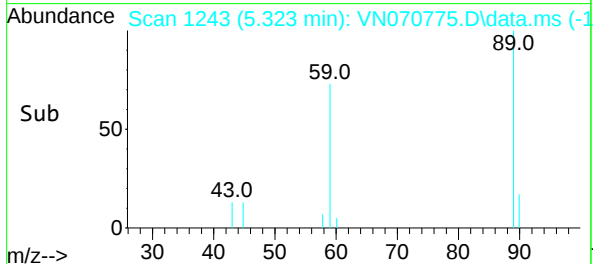
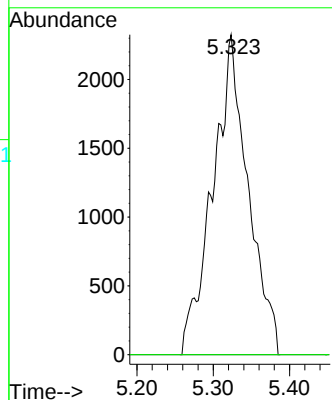
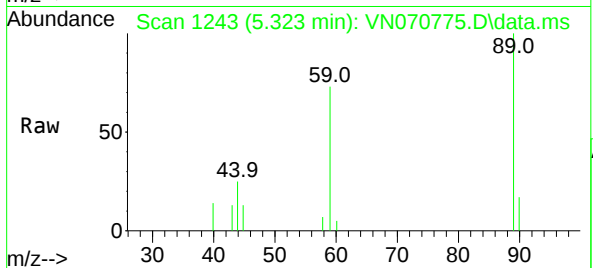
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Tgt Ion: 59 Resp: 7498

Ion Ratio Lower Upper

59 100

57 0.0 8.7 13.1#



#13

Acrolein

Concen: 0.221 ug/l

RT: 4.044 min Scan# 766

Delta R.T. 0.005 min

Lab File: VN070775.D

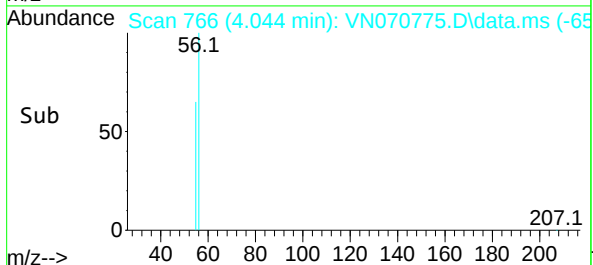
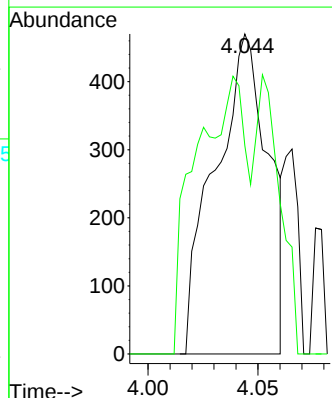
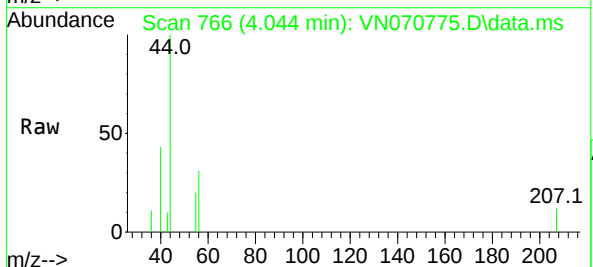
Acq: 25 Jan 2022 15:39

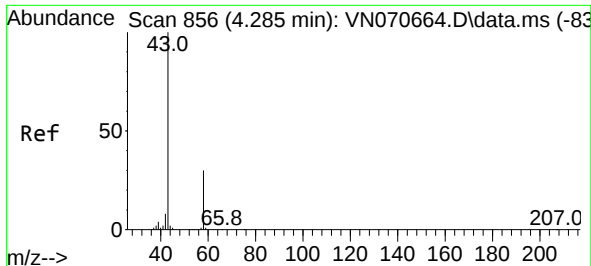
Tgt Ion: 56 Resp: 791

Ion Ratio Lower Upper

56 100

55 35.0 56.6 85.0#

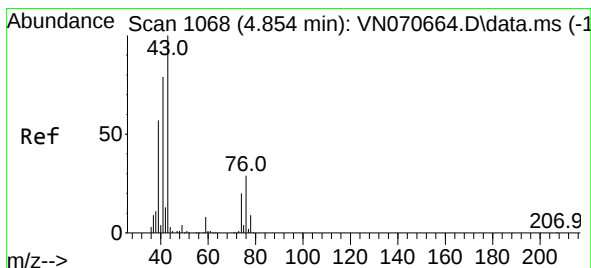
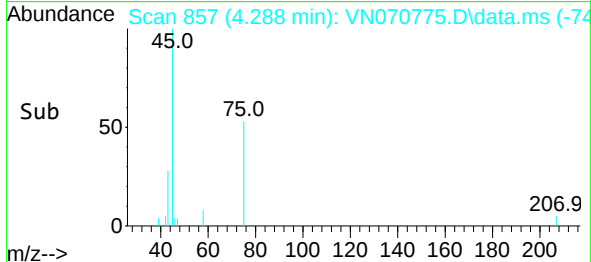
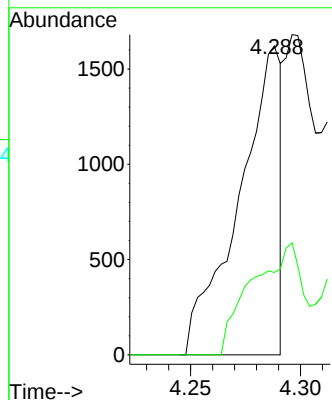
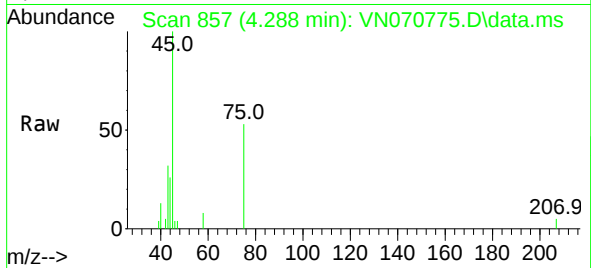




#16
Acetone
Concen: 0.225 ug/l
RT: 4.288 min Scan# 856
Delta R.T. 0.003 min
Lab File: VN070775.D
Acq: 25 Jan 2022 15:39

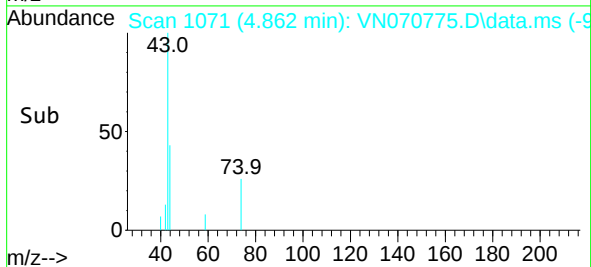
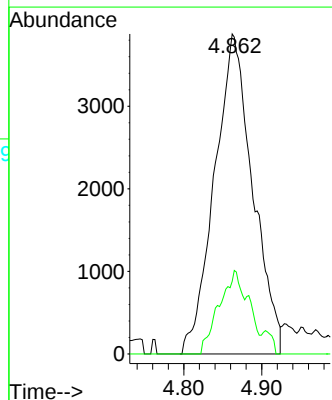
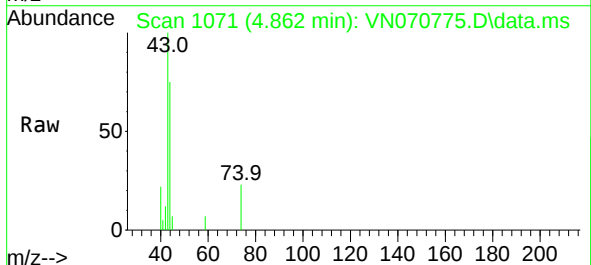
Instrument :
MSVOA_N
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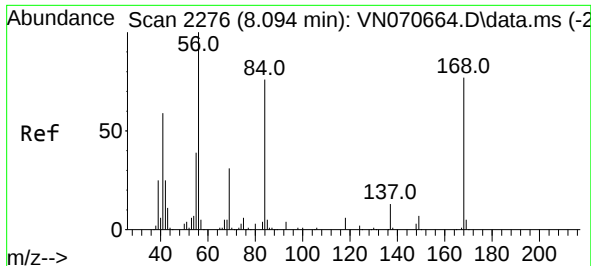
Tgt Ion: 43 Resp: 2154
Ion Ratio Lower Upper
43 100
58 26.7 23.1 34.7



#18
Methyl Acetate
Concen: 0.700 ug/l
RT: 4.862 min Scan# 1071
Delta R.T. 0.008 min
Lab File: VN070775.D
Acq: 25 Jan 2022 15:39

Tgt Ion: 43 Resp: 13202
Ion Ratio Lower Upper
43 100
74 15.7 19.4 29.2#

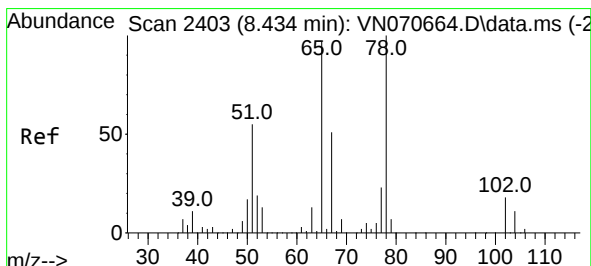
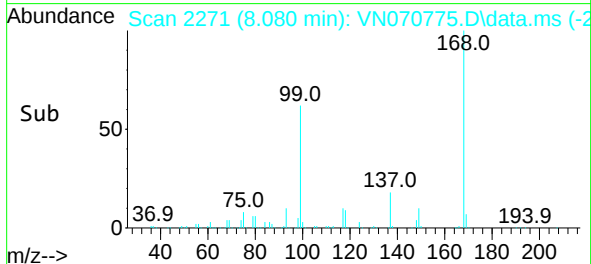
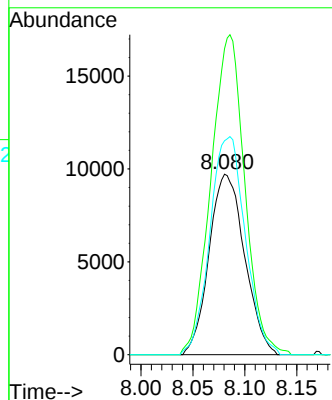
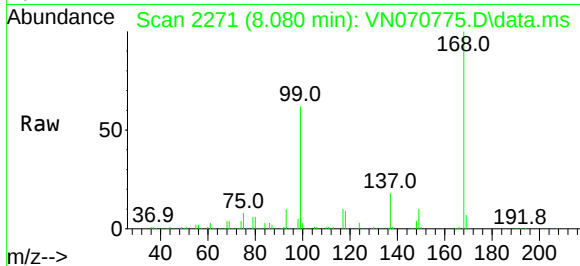




#31
Cyclohexane
Concen: 0.951 ug/l
RT: 8.080 min Scan# 21
Delta R.T. -0.014 min
Lab File: VN070775.D
Acq: 25 Jan 2022 15:39

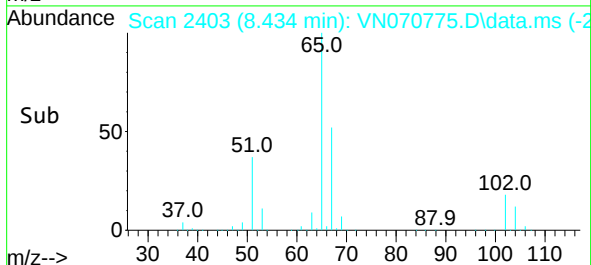
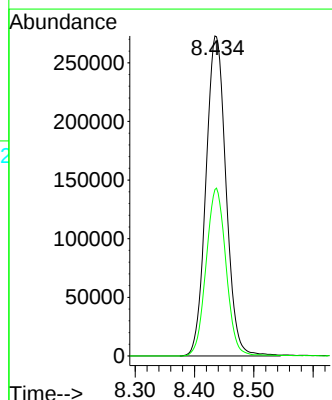
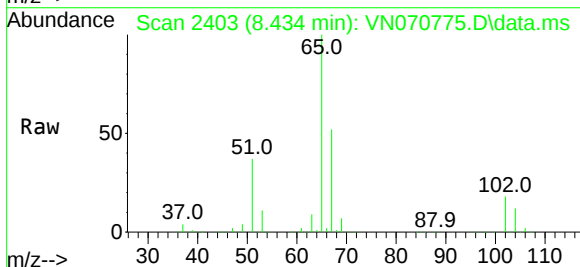
Instrument :
MSVOA_N
ClientSampleId :
TB

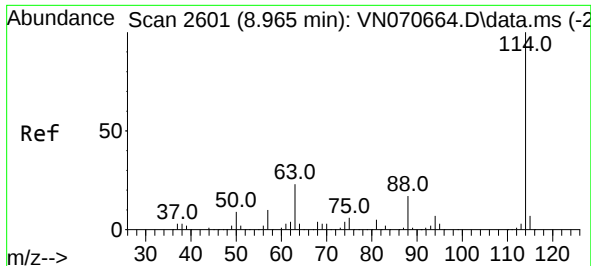
Tgt Ion: 56 Resp: 23147
Ion Ratio Lower Upper
56 100
69 169.5 27.1 40.7#
84 118.5 73.4 110.0#



#33
1,2-Dichloroethane-d4
Concen: 46.359 ug/l
RT: 8.434 min Scan# 2403
Delta R.T. 0.000 min
Lab File: VN070775.D
Acq: 25 Jan 2022 15:39

Tgt Ion: 65 Resp: 640562
Ion Ratio Lower Upper
65 100
67 51.6 0.0 103.0

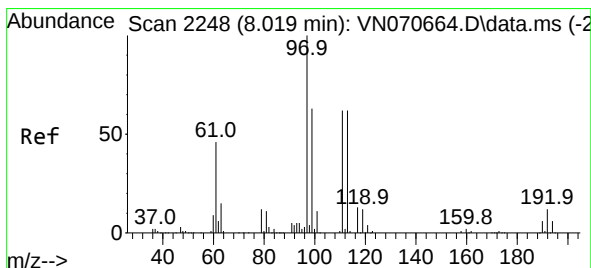
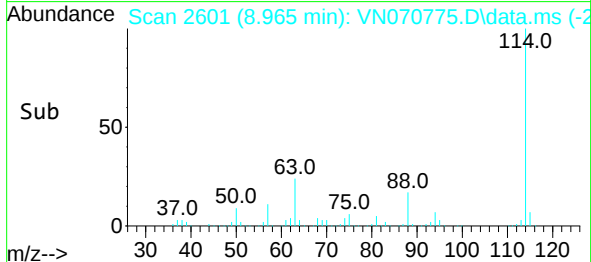
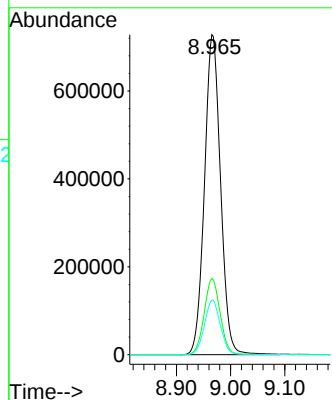
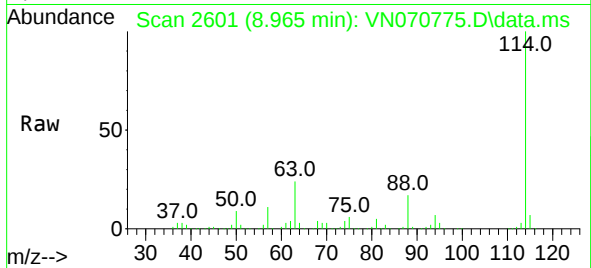




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.965 min Scan# 2601
Delta R.T. 0.000 min
Lab File: VN070775.D
Acq: 25 Jan 2022 15:39

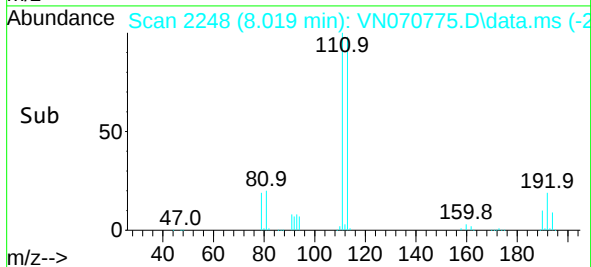
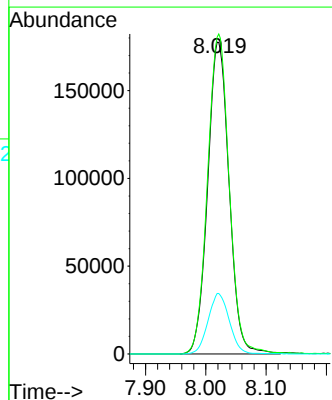
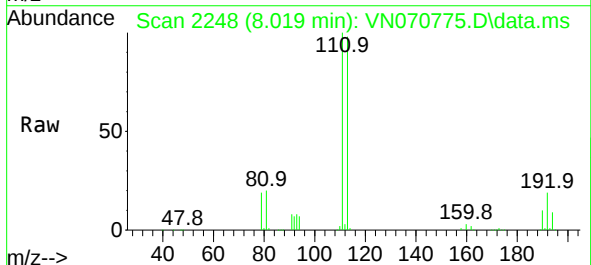
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MSVOA_N
ClientSampleId :
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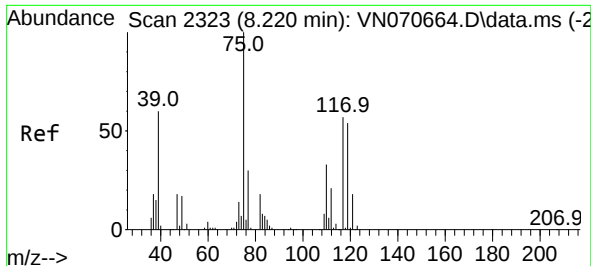
Tgt Ion:114 Resp: 1501438
Ion Ratio Lower Upper
114 100
63 23.8 0.0 37.8
88 17.1 0.0 27.4



#35
Dibromofluoromethane
Concen: 47.145 ug/l
RT: 8.019 min Scan# 2248
Delta R.T. -0.000 min
Lab File: VN070775.D
Acq: 25 Jan 2022 15:39

Tgt Ion:113 Resp: 439079
Ion Ratio Lower Upper
113 100
111 103.3 82.2 123.2
192 19.3 16.9 25.3

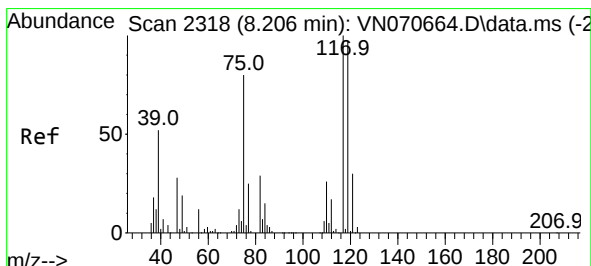
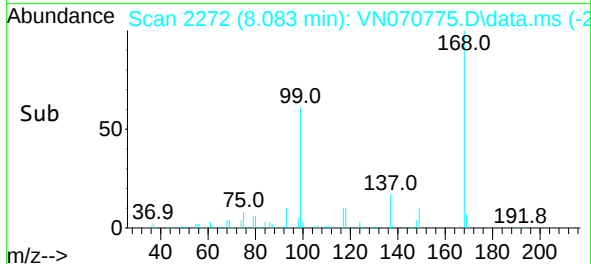
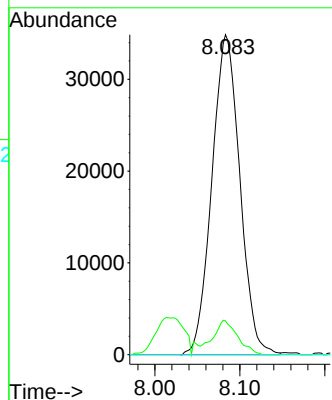
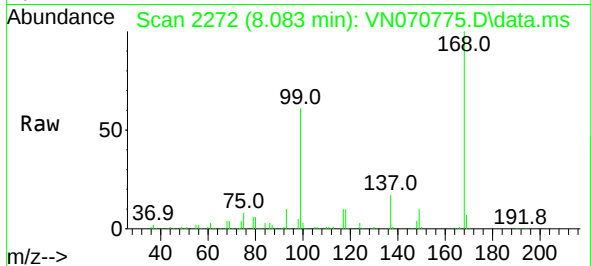




#36
1,1-Dichloropropene
Concen: 5.078 ug/l
RT: 8.083 min Scan# 211
Delta R.T. -0.137 min
Lab File: VN070775.D
Acq: 25 Jan 2022 15:39

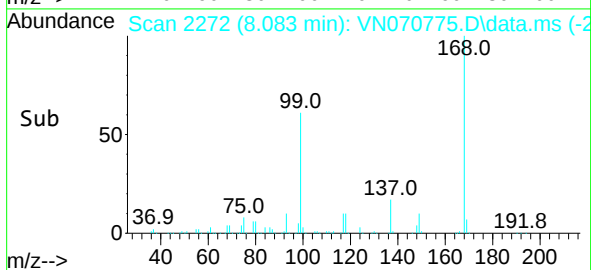
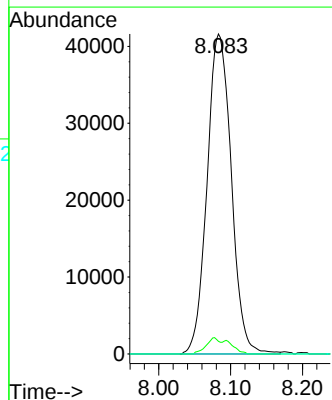
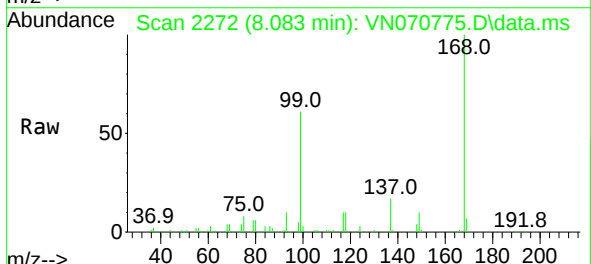
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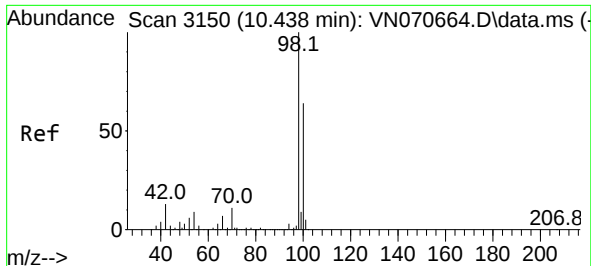
Tgt Ion: 75 Resp: 79620
Ion Ratio Lower Upper
75 100
110 9.4 18.4 55.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 6.988 ug/l
RT: 8.083 min Scan# 2272
Delta R.T. -0.123 min
Lab File: VN070775.D
Acq: 25 Jan 2022 15:39

Tgt Ion: 117 Resp: 97477
Ion Ratio Lower Upper
117 100
119 3.9 76.1 114.1#
121 0.0 24.2 36.2#

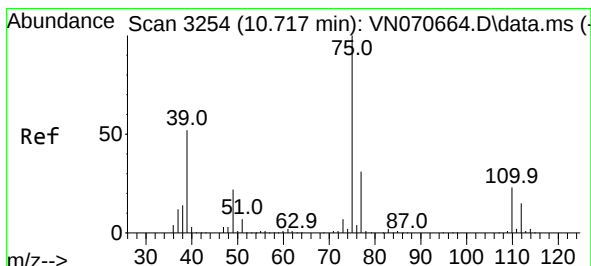
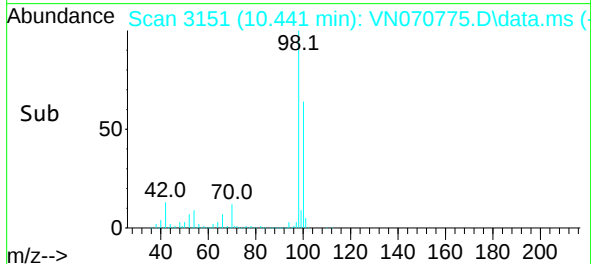
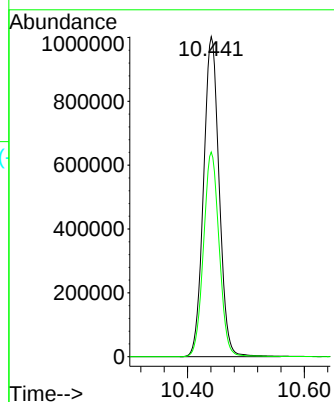
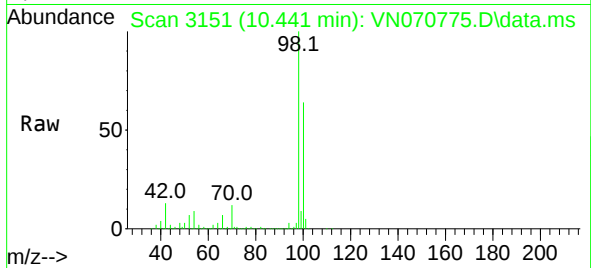




#50
Toluene-d8
Concen: 47.420 ug/l
RT: 10.441 min Scan# 3150
Delta R.T. 0.002 min
Lab File: VN070775.D
Acq: 25 Jan 2022 15:39

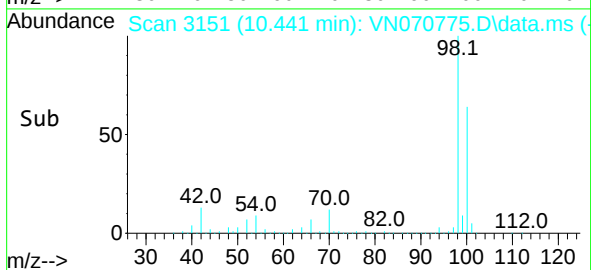
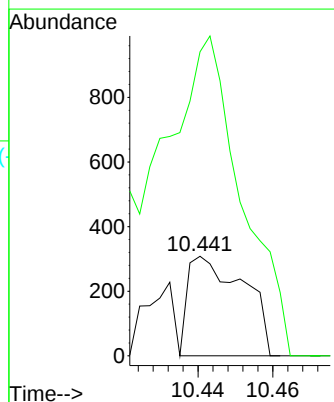
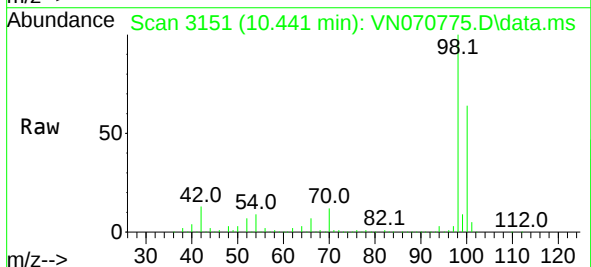
Instrument :
MSVOA_N
ClientSampleId :
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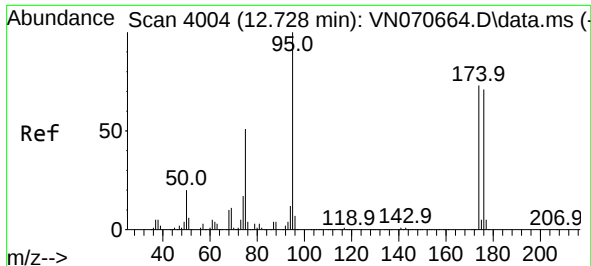
Tgt Ion: 98 Resp: 1860523
Ion Ratio Lower Upper
98 100
100 63.9 50.4 75.6



#53
t-1,3-Dichloropropene
Concen: 2.420 ug/l
RT: 10.441 min Scan# 3151
Delta R.T. -0.277 min
Lab File: VN070775.D
Acq: 25 Jan 2022 15:39

Tgt Ion: 75 Resp: 320
Ion Ratio Lower Upper
75 100
77 241.9 25.6 38.4#

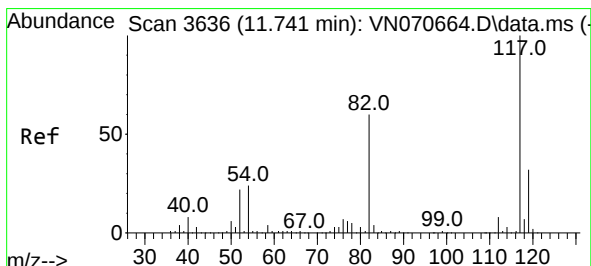
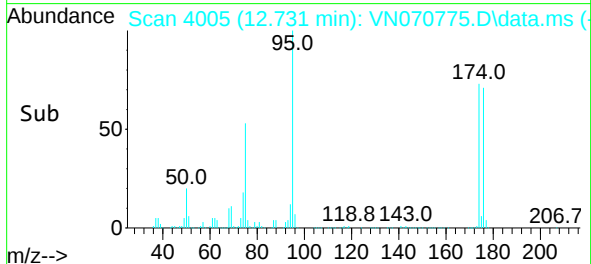
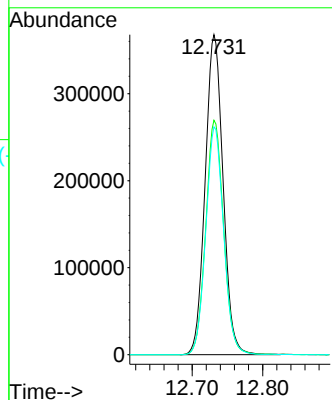
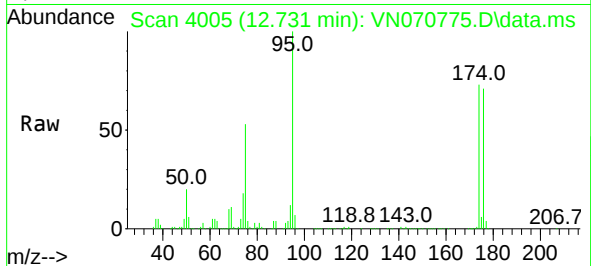




#62
4-Bromofluorobenzene
Concen: 46.339 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.003 min
Lab File: VN070775.D
Acq: 25 Jan 2022 15:39

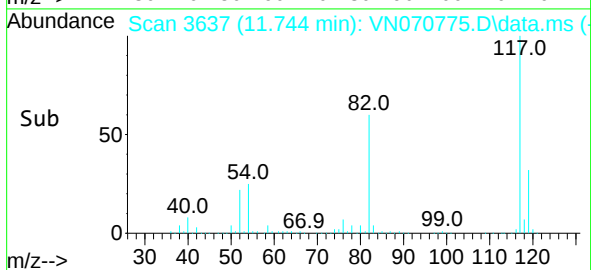
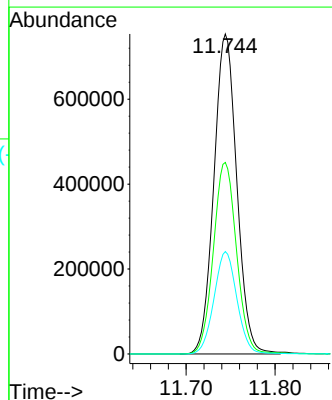
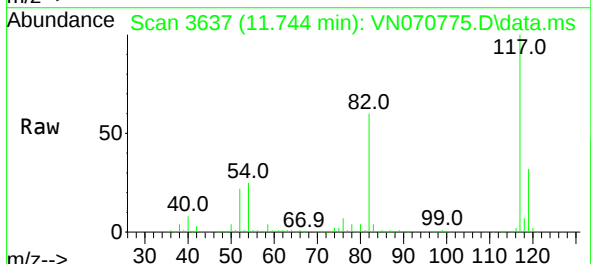
Instrument :
MSVOA_N
ClientSampleId :
TB

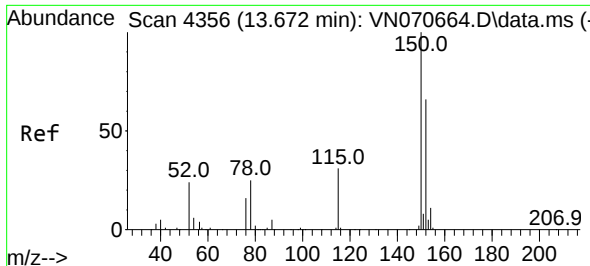
Tgt Ion: 95 Resp: 647878
Ion Ratio Lower Upper
95 100
174 73.5 0.0 187.2
176 71.0 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. 0.003 min
Lab File: VN070775.D
Acq: 25 Jan 2022 15:39

Tgt Ion: 117 Resp: 1348855
Ion Ratio Lower Upper
117 100
82 59.9 42.4 63.6
119 32.0 25.4 38.2

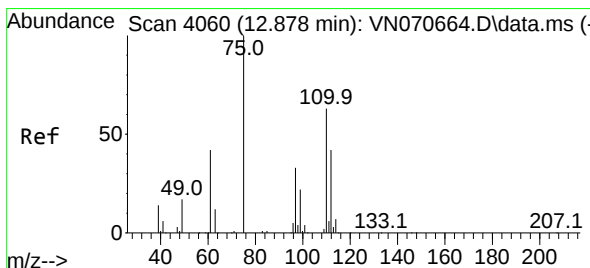
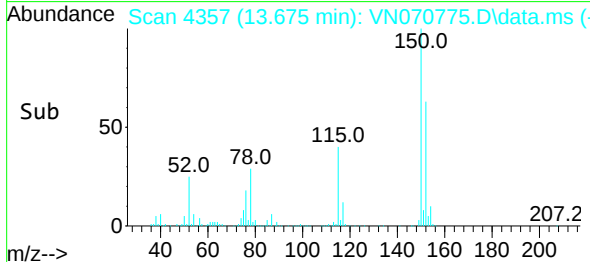
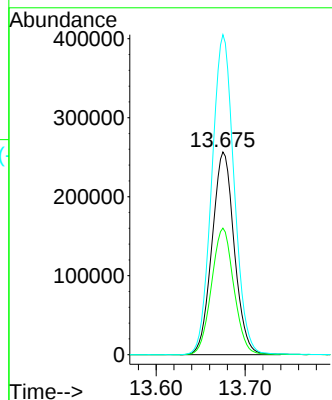
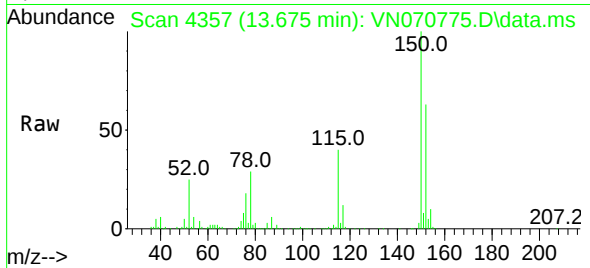




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 41
Delta R.T. 0.003 min
Lab File: VN070775.D
Acq: 25 Jan 2022 15:39

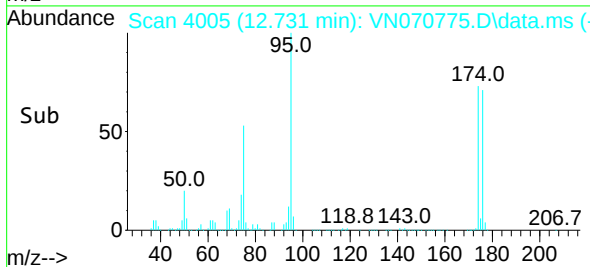
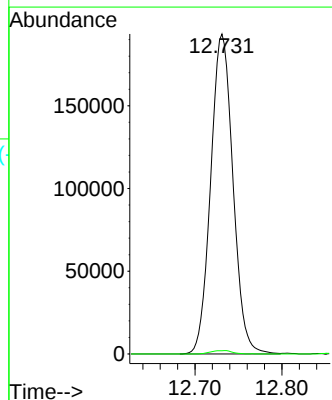
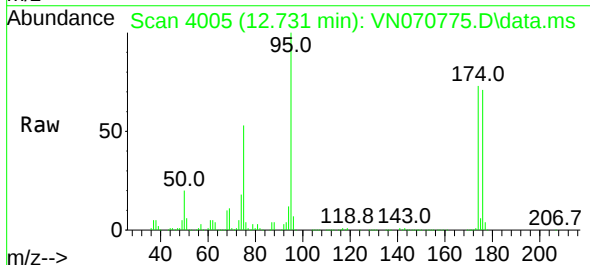
Instrument :
MSVOA_N
ClientSampleId :
TB

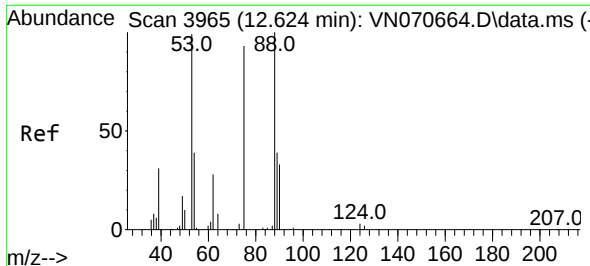
Tgt Ion:152 Resp: 445803
Ion Ratio Lower Upper
152 100
115 62.6 27.5 82.5
150 159.0 0.0 344.4



#76
1,2,3-Trichloropropane
Concen: 29.101 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.147 min
Lab File: VN070775.D
Acq: 25 Jan 2022 15:39

Tgt Ion: 75 Resp: 344082
Ion Ratio Lower Upper
75 100
77 1.0 82.6 247.8#

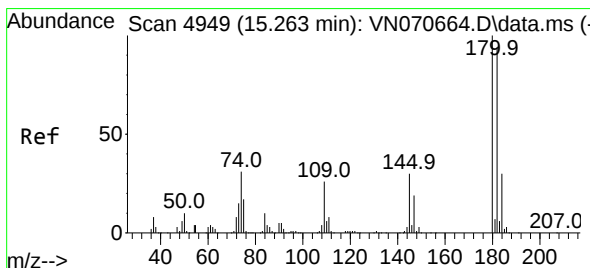
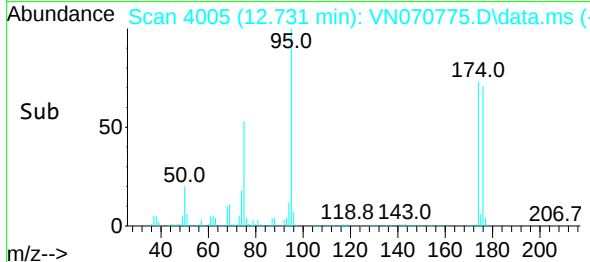
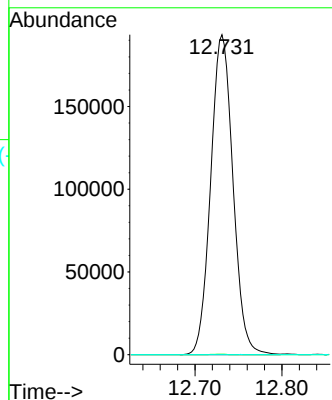
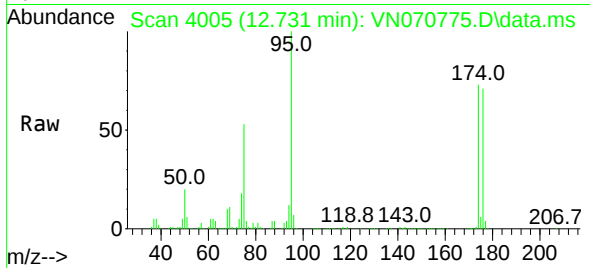




#81
trans-1,4-Dichloro-2-butene
Concen: 86.696 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.107 min
Lab File: VN070775.D
Acq: 25 Jan 2022 15:39

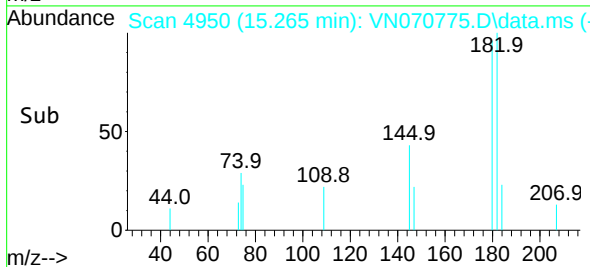
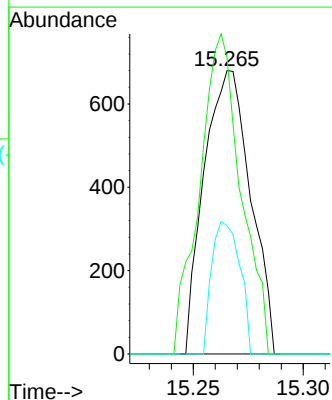
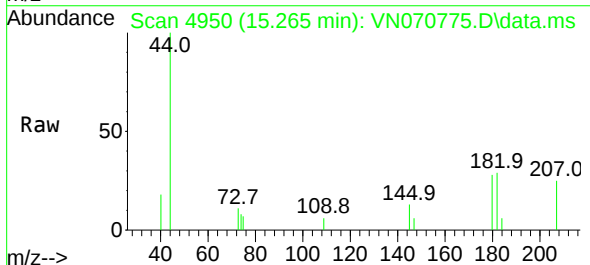
Instrument :
MSVOA_N
ClientSampleId :
TB

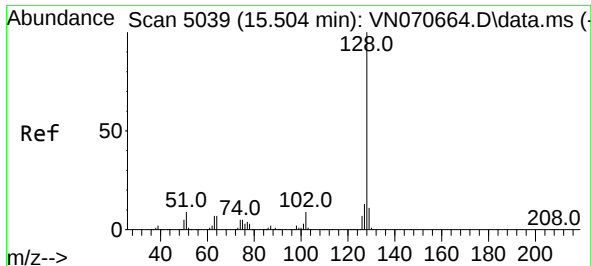
Tgt Ion: 75 Resp: 344082
Ion Ratio Lower Upper
75 100
53 0.1 90.5 135.7#
89 0.0 38.2 57.4#



#93
1,2,4-Trichlorobenzene
Concen: 3.538 ug/l
RT: 15.265 min Scan# 4950
Delta R.T. 0.002 min
Lab File: VN070775.D
Acq: 25 Jan 2022 15:39

Tgt Ion: 180 Resp: 999
Ion Ratio Lower Upper
180 100
182 100.6 48.3 144.9
145 28.1 14.5 43.5





#95
Naphthalene
Concen: 5.070 ug/l
RT: 15.504 min Scan# 5039
Delta R.T. 0.000 min
Lab File: VN070775.D
Acq: 25 Jan 2022 15:39

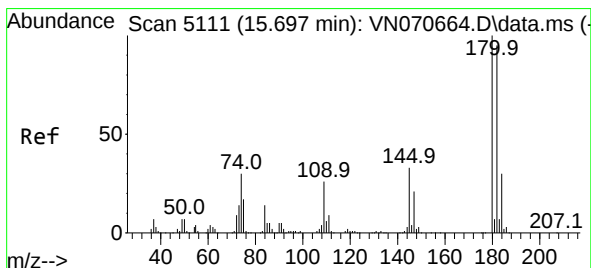
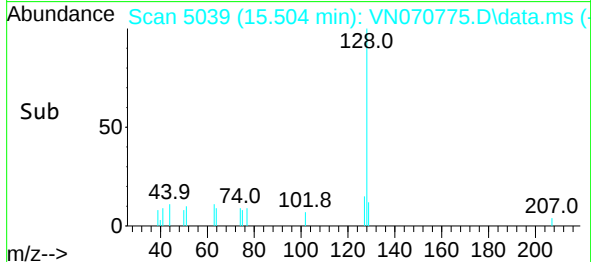
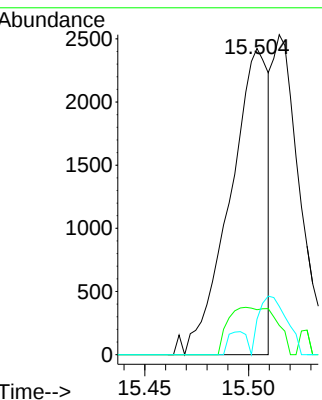
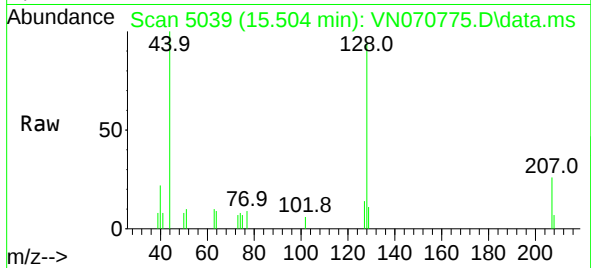
Instrument :

MSVOA_N

ClientSampleId :

TB

Tgt Ion:128 Resp: 3114
Ion Ratio Lower Upper
128 100
127 0.0 10.5 15.7#
129 13.8 8.7 13.1#



#96
1,2,3-Trichlorobenzene
Concen: 3.347 ug/l
RT: 15.703 min Scan# 5113
Delta R.T. 0.006 min
Lab File: VN070775.D
Acq: 25 Jan 2022 15:39

Tgt Ion:180 Resp: 1106
Ion Ratio Lower Upper
180 100
182 90.1 47.4 142.2
145 16.1 15.0 45.1

