

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121421\
 Data File : VN070101.D
 Acq On : 15 Dec 2021 4:35
 Operator : JC/MD
 Sample : M5011-15 10X
 Misc : 4.55g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 15 05:31:44 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 03 08:46:47 2021
 Response via : Initial Calibration

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

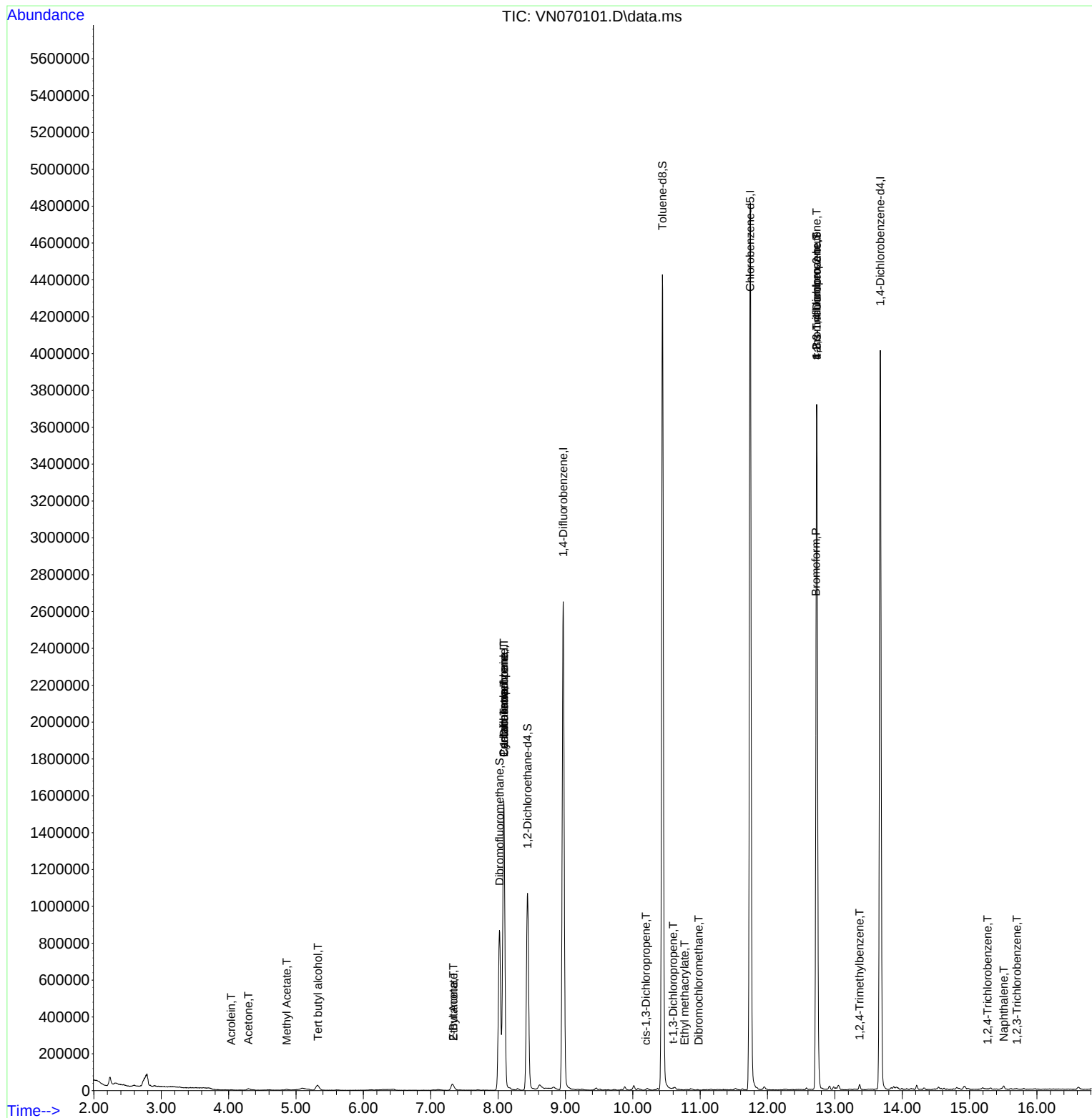
Internal Standards						
1) Pentafluorobenzene	8.086	168	1164790	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	2218168	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	2646641	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	1069350	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	928858	51.648	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 103.300%			
35) Dibromofluoromethane	8.021	113	635520	45.740	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 91.480%			
50) Toluene-d8	10.440	98	2979376	53.404	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 106.800%			
62) 4-Bromofluorobenzene	12.731	95	1311269	64.878	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 129.760%			
Target Compounds					Qvalue	
11) Tert butyl alcohol	5.326	59	28532	8.393	ug/l #	73
13) Acrolein	4.039	56	656	0.227	ug/l	91
16) Acetone	4.293	43	8973	0.829	ug/l	91
18) Methyl Acetate	4.862	43	9078	0.278	ug/l #	83
25) 2-Butanone	7.337	43	8353	0.568	ug/l #	78
31) Cyclohexane	8.086	56	30053	1.201	ug/l #	26
36) 1,1-Dichloropropene	8.086	75	99152	4.696	ug/l #	48
37) Ethyl Acetate	7.337	43	8353	0.266	ug/l #	83
38) Carbon Tetrachloride	8.086	117	119323	5.762	ug/l #	16
53) t-1,3-Dichloropropene	10.599	75	26	2.795	ug/l #	58
54) cis-1,3-Dichloropropene	10.196	75	24	2.000	ug/l #	32
56) Ethyl methacrylate	10.770	69	112	2.283	ug/l #	1
60) Dibromochloromethane	10.977	129	135	2.384	ug/l #	11
71) Bromoform	12.720	173	803	2.778	ug/l #	1
76) 1,2,3-Trichloropropane	12.731	75	726242	23.682	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.731	75	726242	75.274	ug/l #	5
84) 1,2,4-Trimethylbenzene	13.367	105	15285	0.210	ug/l	99
93) 1,2,4-Trichlorobenzene	15.268	180	533	2.907	ug/l #	43
95) Naphthalene	15.507	128	16670	4.279	ug/l	100
96) 1,2,3-Trichlorobenzene	15.703	180	446	2.460	ug/l #	1

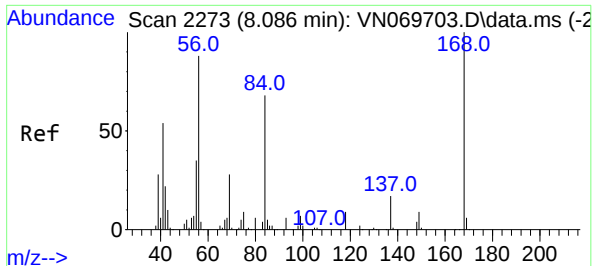
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_N
ClientSampleId :

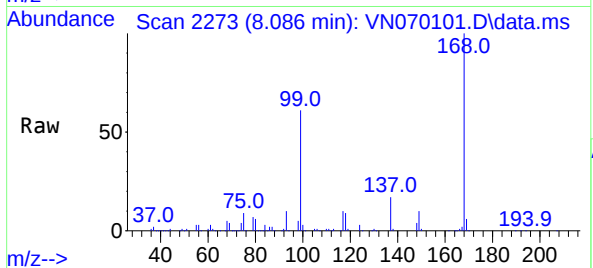
Quant Time: Dec 15 05:31:44 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 03 08:46:47 2021
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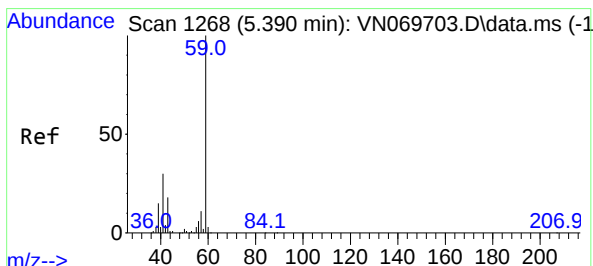
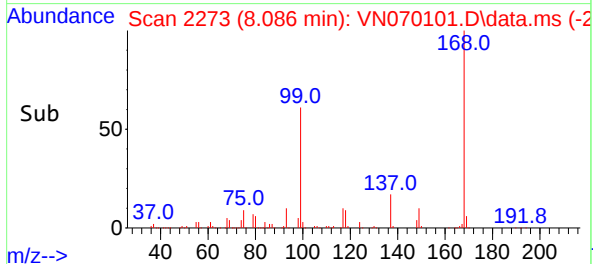
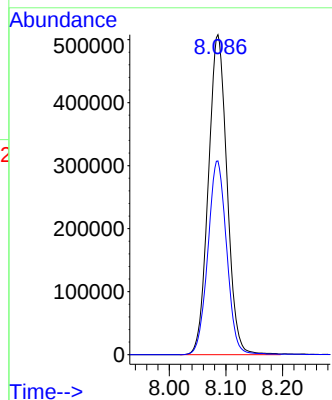


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070101.D
Acq: 15 Dec 2021 4:35

Instrument :
MSVOA_N
ClientSampleId :

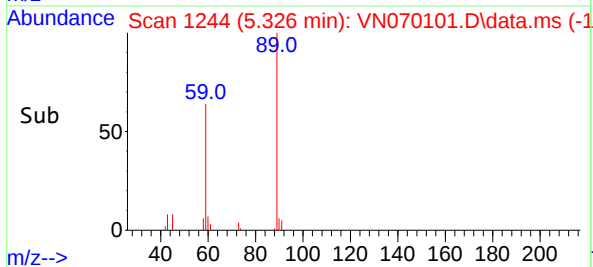
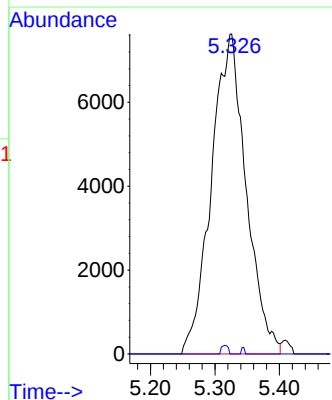
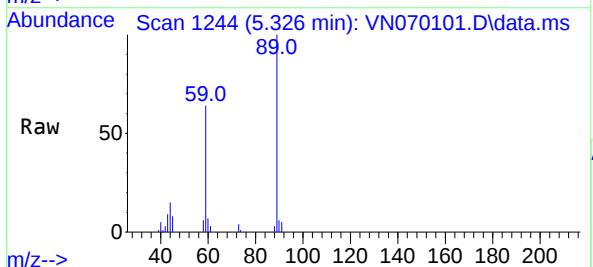


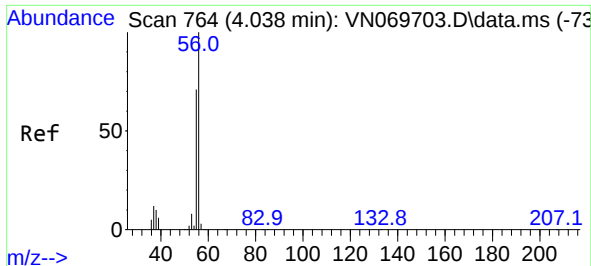
Tgt Ion:168 Resp: 1164790
Ion Ratio Lower Upper
168 100
99 60.5 41.3 61.9



#11
Tert butyl alcohol
Concen: 8.393 ug/l
RT: 5.326 min Scan# 1244
Delta R.T. -0.064 min
Lab File: VN070101.D
Acq: 15 Dec 2021 4:35

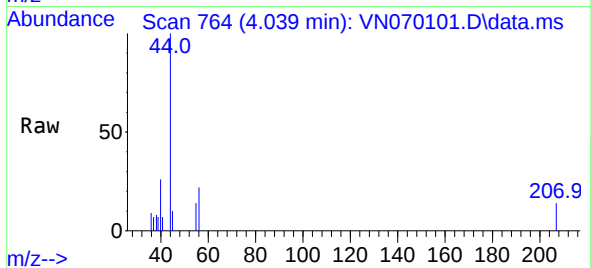
Tgt Ion: 59 Resp: 28532
Ion Ratio Lower Upper
59 100
57 0.5 8.7 13.1#



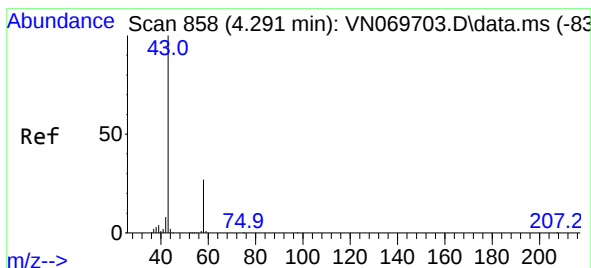
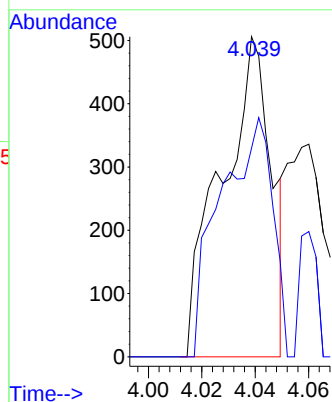
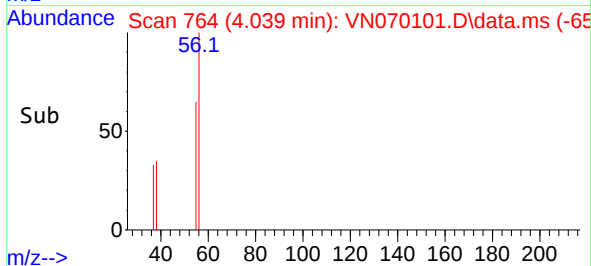


#13
Acrolein
Concen: 0.227 ug/l
RT: 4.039 min Scan# 764
Delta R.T. 0.000 min
Lab File: VN070101.D
Acq: 15 Dec 2021 4:35

Instrument :
MSVOA_N
ClientSampleId :

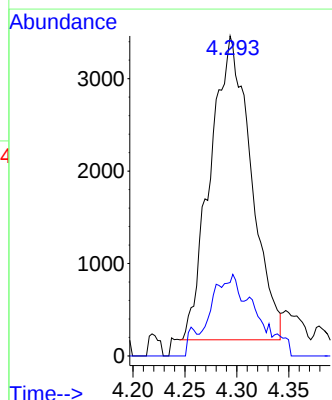
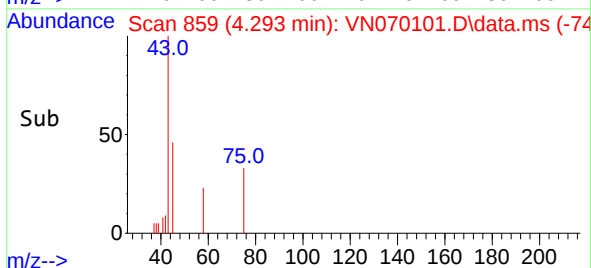
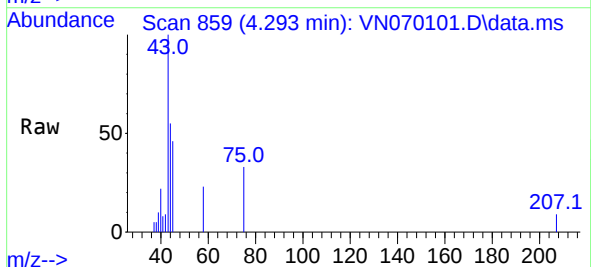


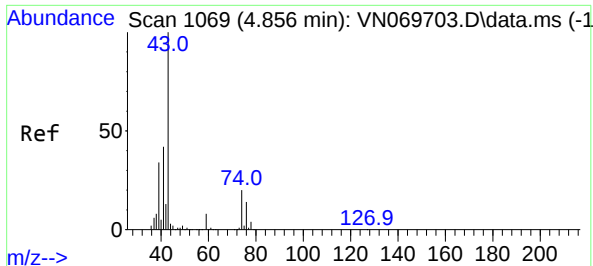
Tgt Ion: 56 Resp: 656
Ion Ratio Lower Upper
56 100
55 78.4 56.6 85.0



#16
Acetone
Concen: 0.829 ug/l
RT: 4.293 min Scan# 859
Delta R.T. 0.003 min
Lab File: VN070101.D
Acq: 15 Dec 2021 4:35

Tgt Ion: 43 Resp: 8973
Ion Ratio Lower Upper
43 100
58 24.2 23.1 34.7





#18

Methyl Acetate

Concen: 0.278 ug/l

RT: 4.862 min Scan# 1069

Delta R.T. 0.006 min

Lab File: VN070101.D

Acq: 15 Dec 2021 4:35

Instrument :

MSVOA_N

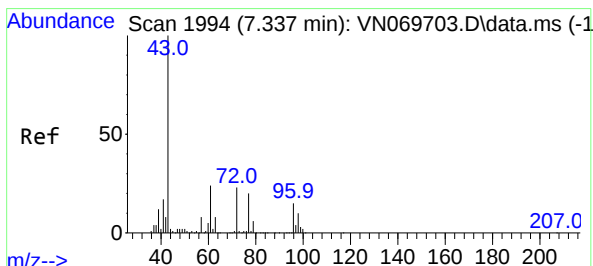
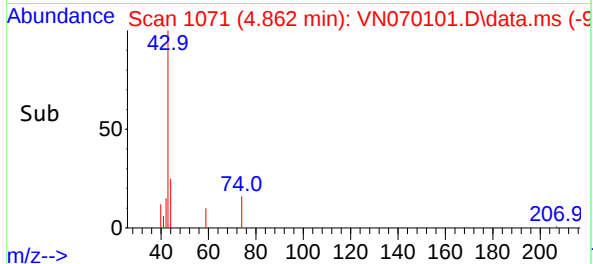
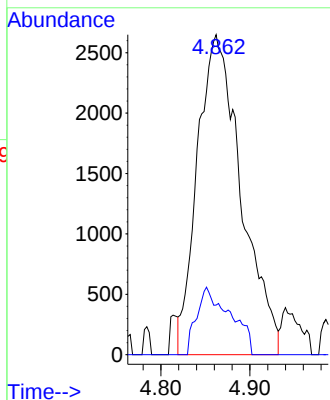
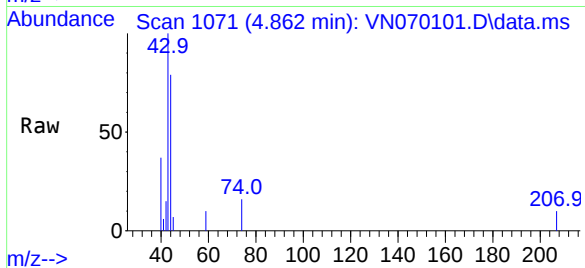
ClientSampleId :

Tgt Ion: 43 Resp: 9078

Ion Ratio Lower Upper

43 100

74 16.1 19.4 29.2#



#25

2-Butanone

Concen: 0.568 ug/l

RT: 7.337 min Scan# 1994

Delta R.T. 0.000 min

Lab File: VN070101.D

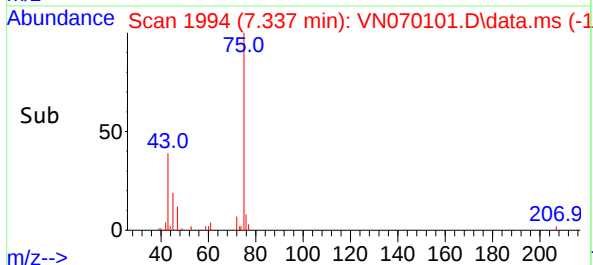
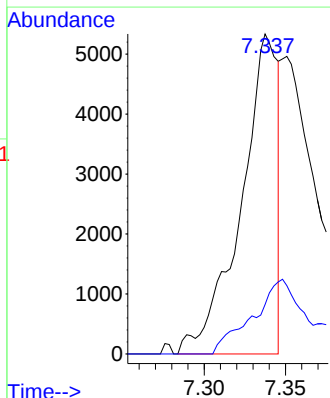
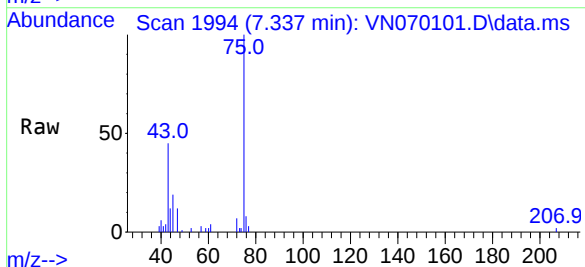
Acq: 15 Dec 2021 4:35

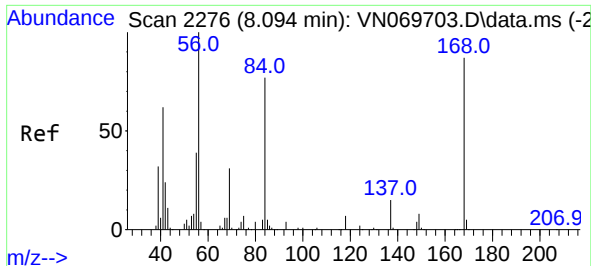
Tgt Ion: 43 Resp: 8353

Ion Ratio Lower Upper

43 100

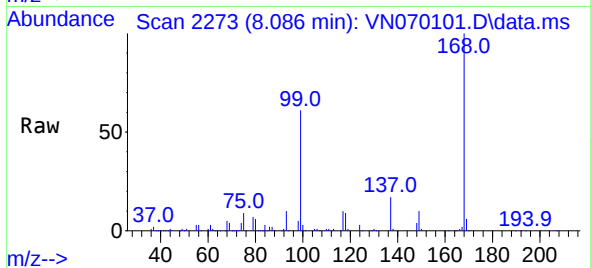
72 15.4 21.7 32.5#



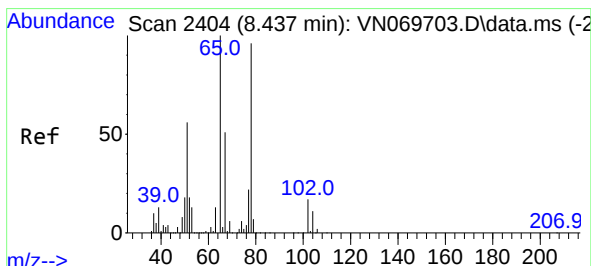
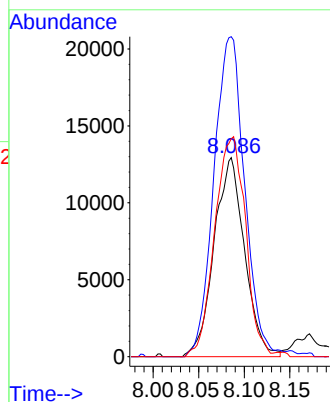
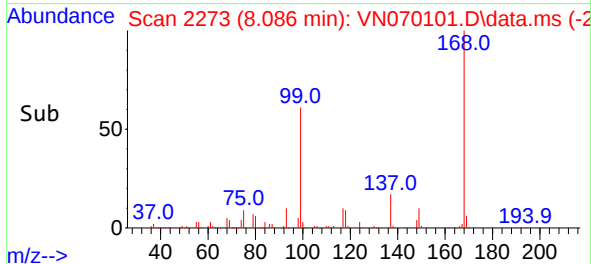


#31
Cyclohexane
Concen: 1.201 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.008 min
Lab File: VN070101.D
Acq: 15 Dec 2021 4:35

Instrument :
MSVOA_N
ClientSampleId :

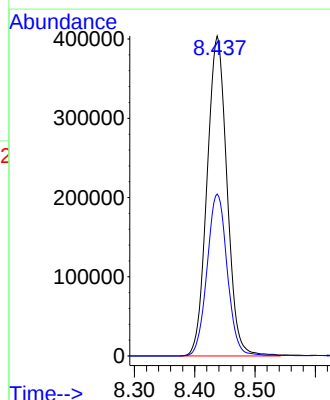
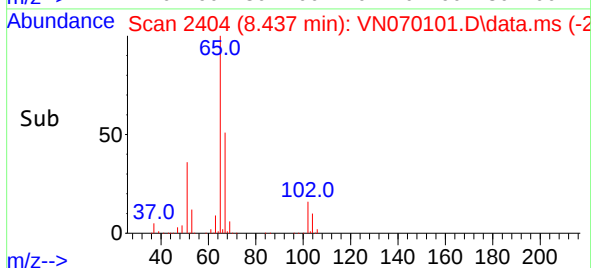
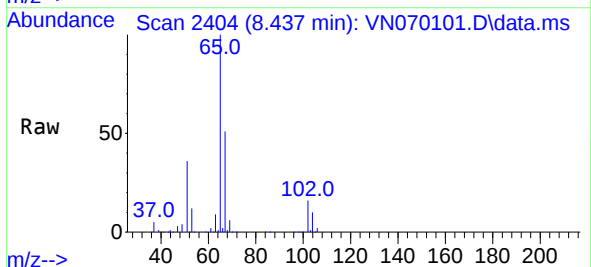


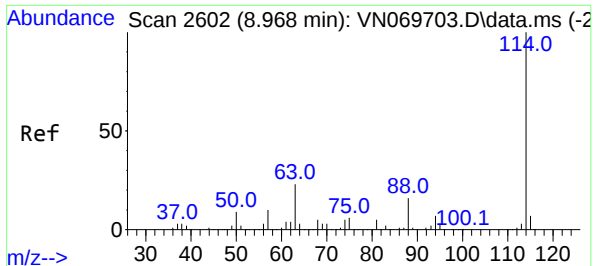
Tgt Ion: 56 Resp: 30053
Ion Ratio Lower Upper
56 100
69 160.8 27.1 40.7#
84 109.5 73.4 110.0



#33
1,2-Dichloroethane-d4
Concen: 51.648 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. 0.000 min
Lab File: VN070101.D
Acq: 15 Dec 2021 4:35

Tgt Ion: 65 Resp: 928858
Ion Ratio Lower Upper
65 100
67 51.1 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.968 min Scan# 2

Delta R.T. 0.000 min

Lab File: VN070101.D

Acq: 15 Dec 2021 4:35

Instrument :

MSVOA_N

ClientSampleId :

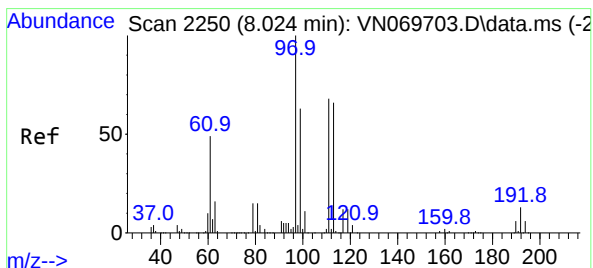
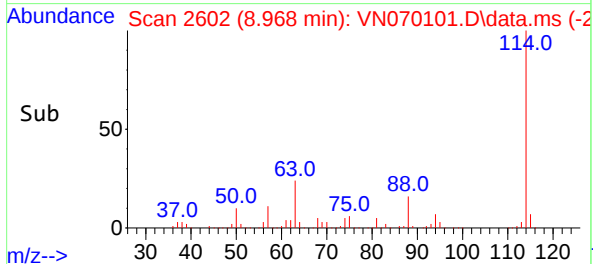
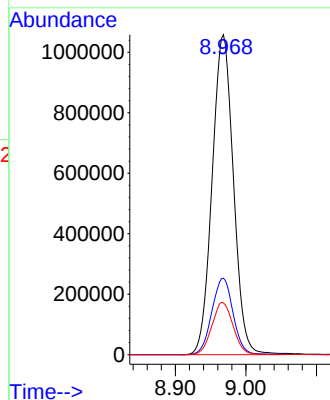
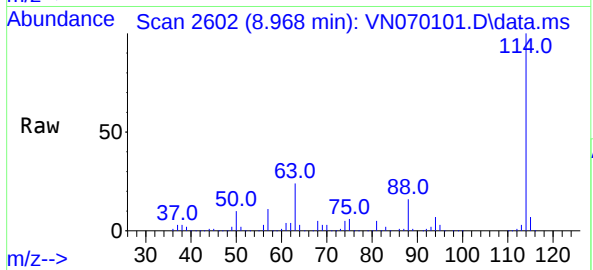
Tgt Ion:114 Resp: 2218168

Ion Ratio Lower Upper

114 100

63 23.9 0.0 37.8

88 16.2 0.0 27.4



#35

Dibromofluoromethane

Concen: 45.740 ug/l

RT: 8.021 min Scan# 2249

Delta R.T. -0.002 min

Lab File: VN070101.D

Acq: 15 Dec 2021 4:35

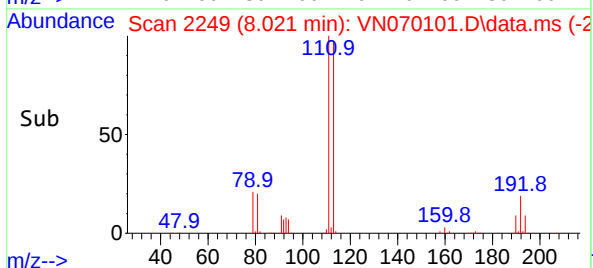
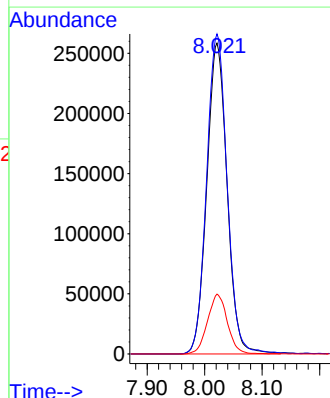
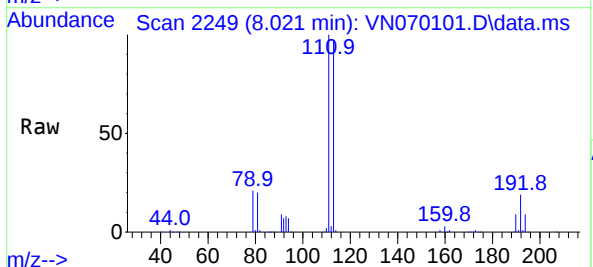
Tgt Ion:113 Resp: 635520

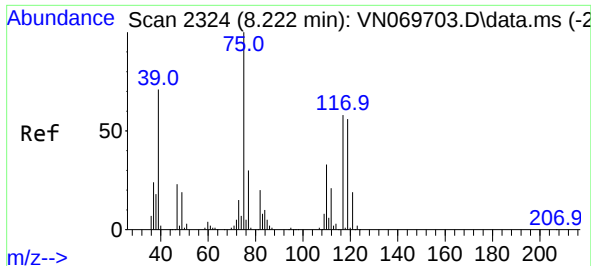
Ion Ratio Lower Upper

113 100

111 103.6 82.2 123.2

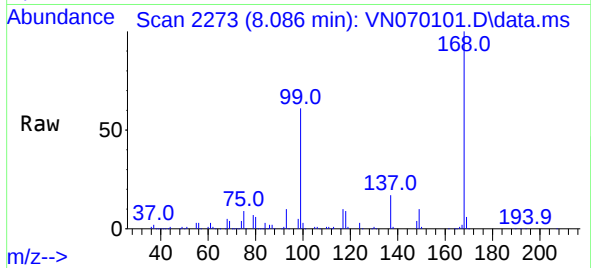
192 18.8 16.9 25.3



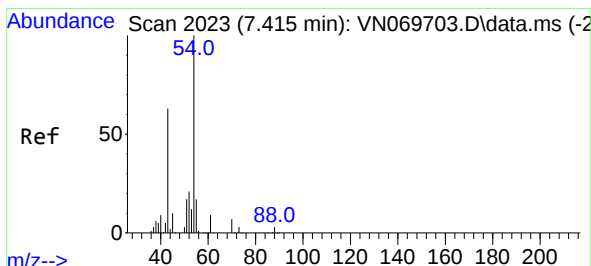
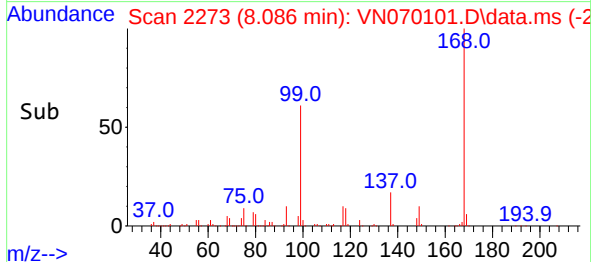
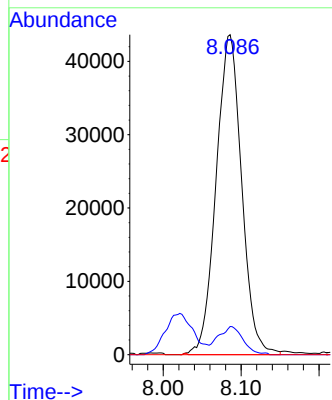


#36
 1,1-Dichloropropene
 Concen: 4.696 ug/l
 RT: 8.086 min Scan# 21
 Delta R.T. -0.137 min
 Lab File: VN070101.D
 Acq: 15 Dec 2021 4:35

Instrument :
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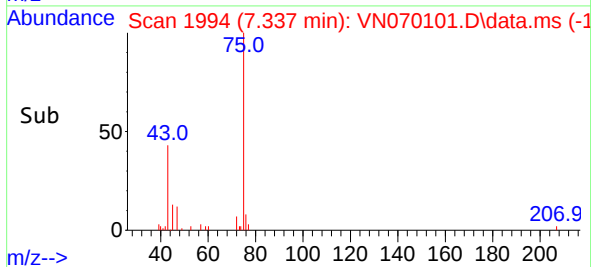
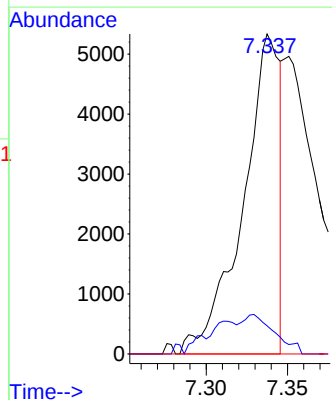
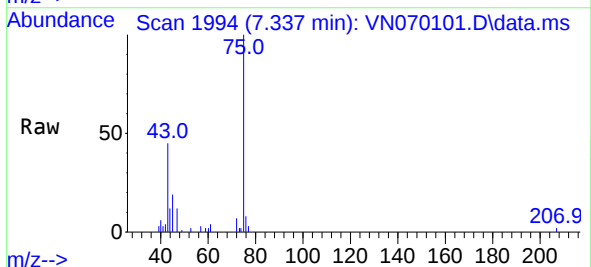


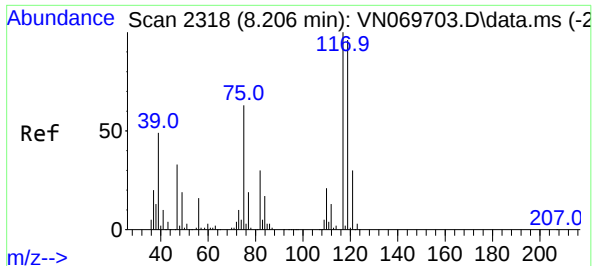
Tgt Ion: 75 Resp: 99152
 Ion Ratio Lower Upper
 75 100
 110 7.9 18.4 55.2#
 77 0.0 24.4 36.6#



#37
 Ethyl Acetate
 Concen: 0.266 ug/l
 RT: 7.337 min Scan# 1994
 Delta R.T. -0.078 min
 Lab File: VN070101.D
 Acq: 15 Dec 2021 4:35

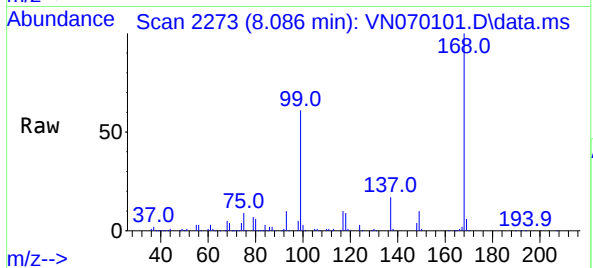
Tgt Ion: 43 Resp: 8353
 Ion Ratio Lower Upper
 43 100
 61 10.0 11.5 17.3#
 70 0.0 7.9 11.9#



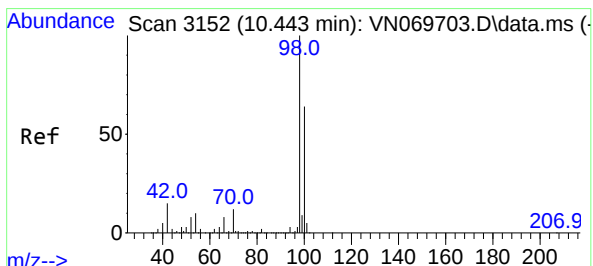
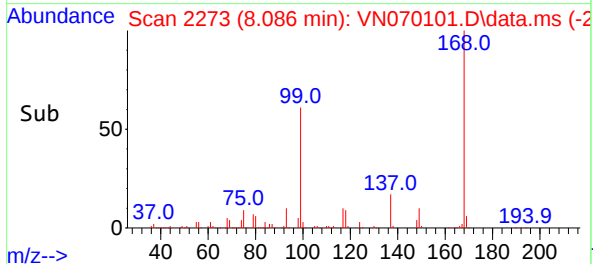
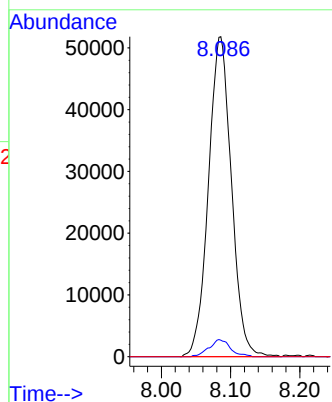


#38
Carbon Tetrachloride
Concen: 5.762 ug/l
RT: 8.086 min Scan# 211
Delta R.T. -0.120 min
Lab File: VN070101.D
Acq: 15 Dec 2021 4:35

Instrument :
MSVOA_N
ClientSampleId :

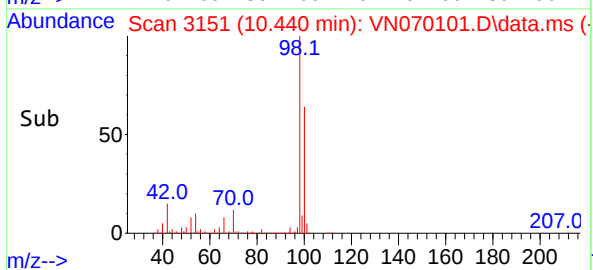
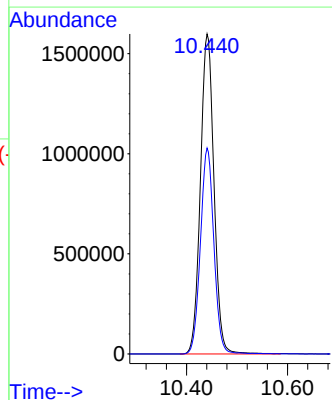
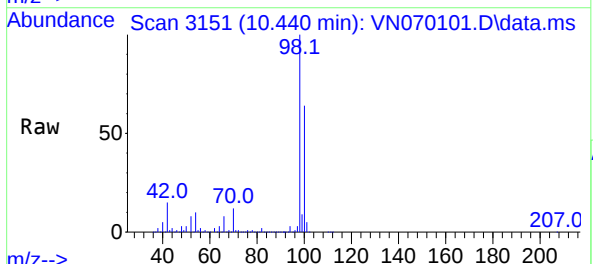


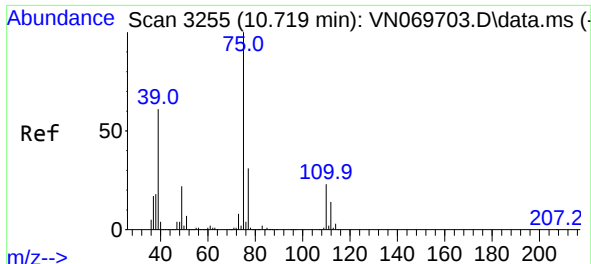
Tgt Ion:117 Resp: 119323
Ion Ratio Lower Upper
117 100
119 5.2 76.1 114.1#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 53.404 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. -0.002 min
Lab File: VN070101.D
Acq: 15 Dec 2021 4:35

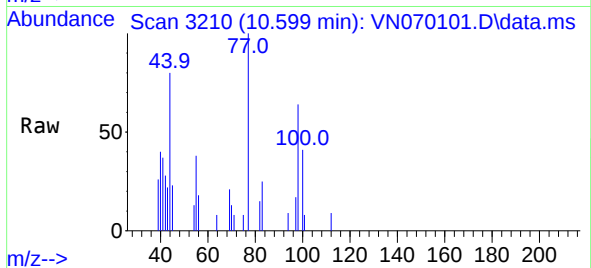
Tgt Ion: 98 Resp: 2979376
Ion Ratio Lower Upper
98 100
100 63.7 50.4 75.6



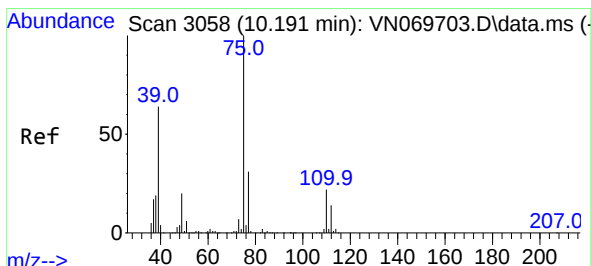
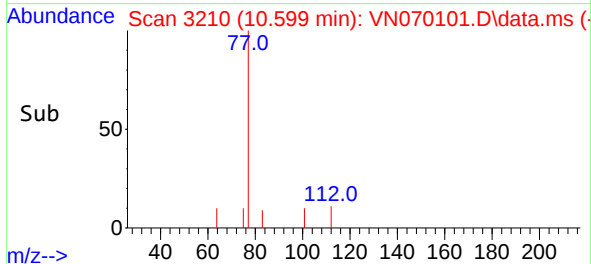
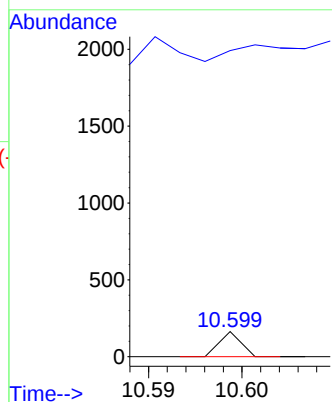


#53
 t-1,3-Dichloropropene
 Concen: 2.795 ug/l
 RT: 10.599 min Scan# 31
 Delta R.T. -0.120 min
 Lab File: VN070101.D
 Acq: 15 Dec 2021 4:35

Instrument :
 MSVOA_N
 ClientSampleId :

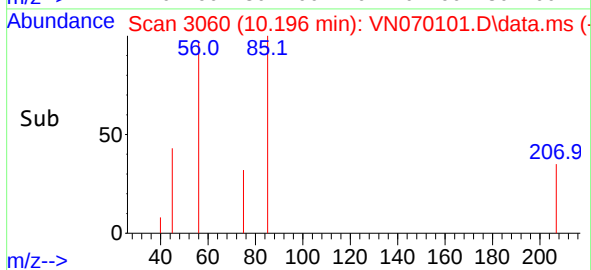
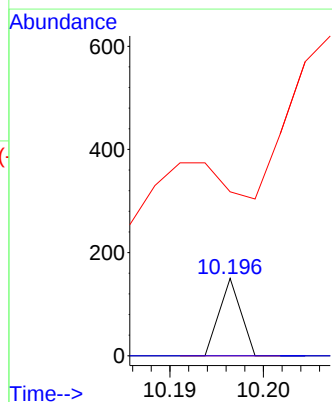
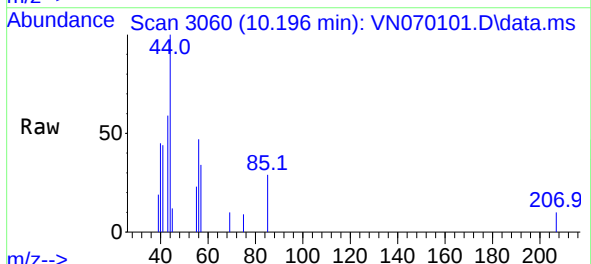


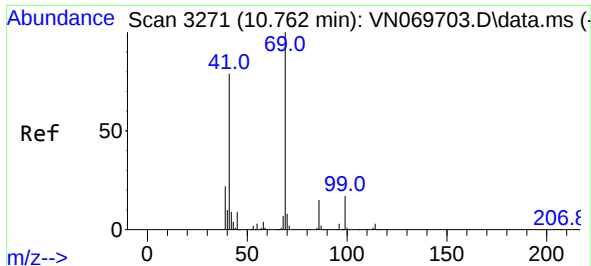
Tgt Ion: 75 Resp: 26
 Ion Ratio Lower Upper
 75 100
 77 8.5 25.6 38.4#



#54
 cis-1,3-Dichloropropene
 Concen: 2.000 ug/l
 RT: 10.196 min Scan# 3060
 Delta R.T. 0.005 min
 Lab File: VN070101.D
 Acq: 15 Dec 2021 4:35

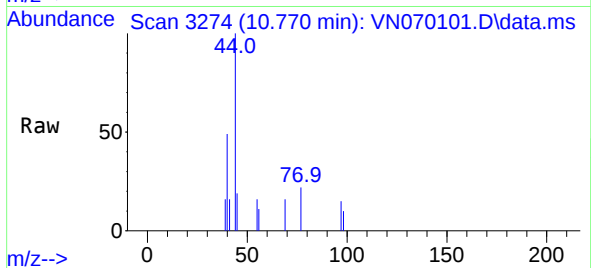
Tgt Ion: 75 Resp: 24
 Ion Ratio Lower Upper
 75 100
 77 0.0 26.4 39.6#
 39 0.0 42.5 63.7#



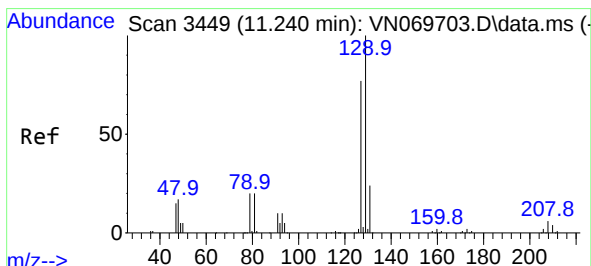
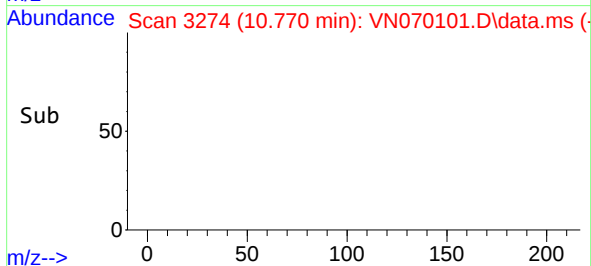
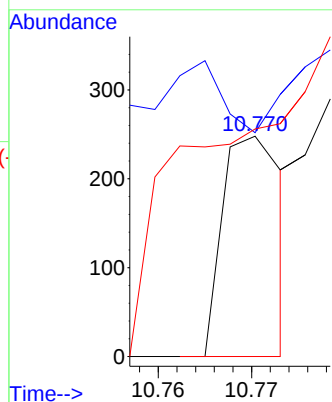


#56
Ethyl methacrylate
Concen: 2.283 ug/l
RT: 10.770 min Scan# 311
Delta R.T. 0.008 min
Lab File: VN070101.D
Acq: 15 Dec 2021 4:35

Instrument :
MSVOA_N
ClientSampleId :

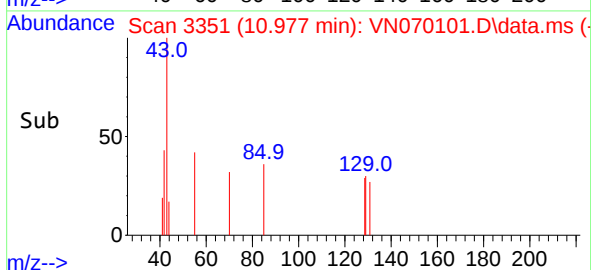
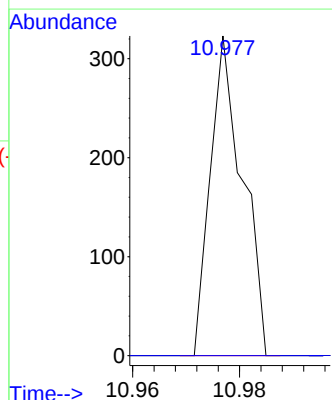
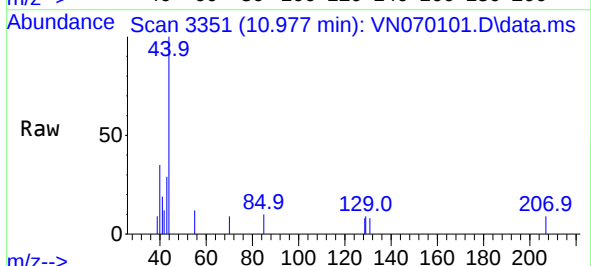


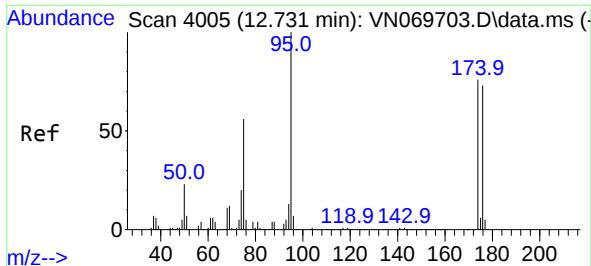
Tgt Ion: 69 Resp: 112
Ion Ratio Lower Upper
69 100
41 125.0 51.4 77.0#
39 582.1 34.6 52.0#



#60
Dibromochloromethane
Concen: 2.384 ug/l
RT: 10.977 min Scan# 3351
Delta R.T. -0.263 min
Lab File: VN070101.D
Acq: 15 Dec 2021 4:35

Tgt Ion: 129 Resp: 135
Ion Ratio Lower Upper
129 100
127 0.0 38.6 116.0#

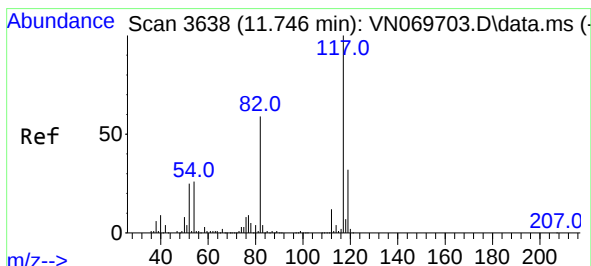
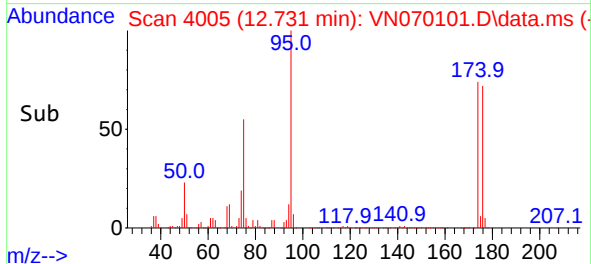
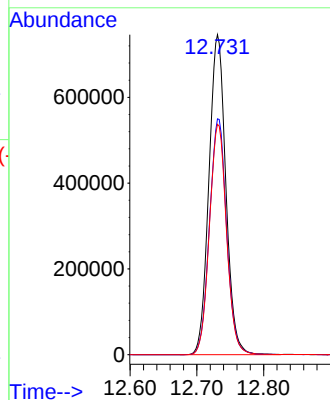
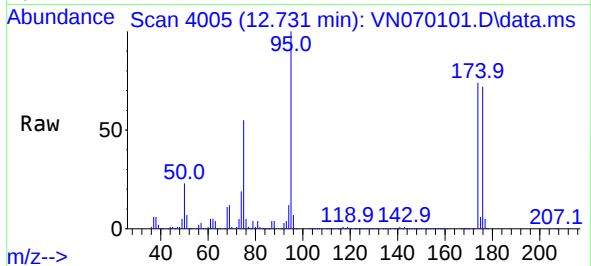




#62
4-Bromofluorobenzene
Concen: 64.878 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070101.D
Acq: 15 Dec 2021 4:35

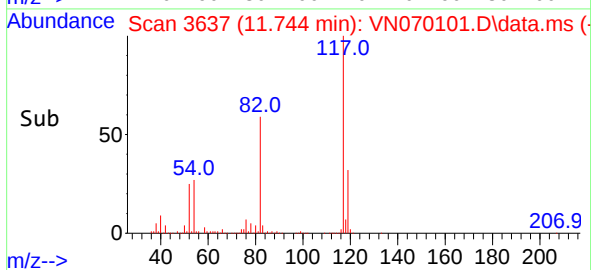
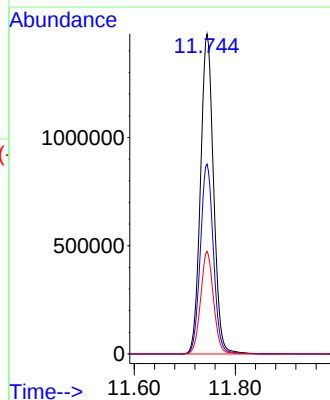
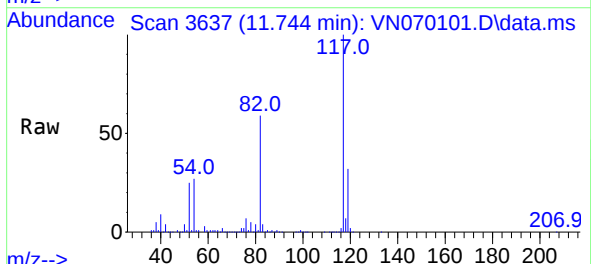
Instrument :
MSVOA_N
ClientSampleId :

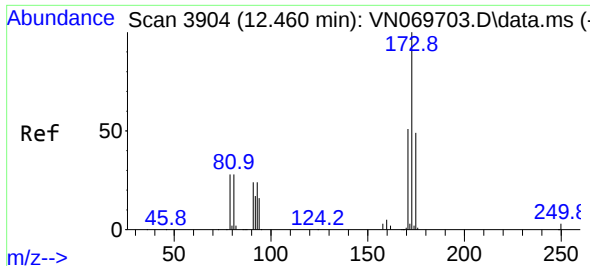
Tgt Ion: 95 Resp: 1311269
Ion Ratio Lower Upper
95 100
174 74.8 0.0 187.2
176 72.9 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.002 min
Lab File: VN070101.D
Acq: 15 Dec 2021 4:35

Tgt Ion: 117 Resp: 2646641
Ion Ratio Lower Upper
117 100
82 59.3 42.4 63.6
119 32.1 25.4 38.2

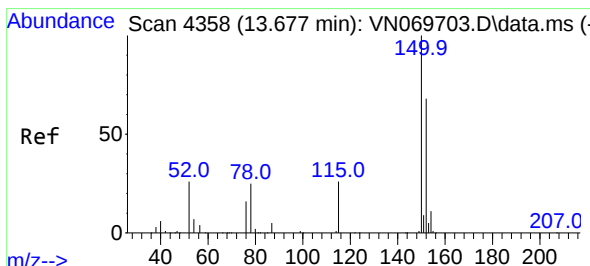
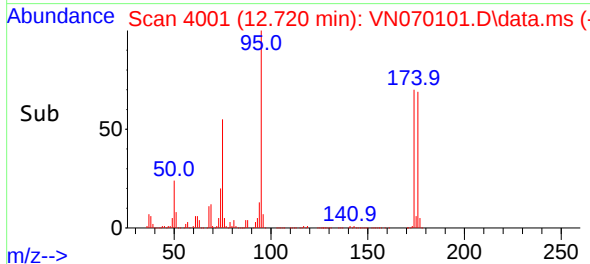
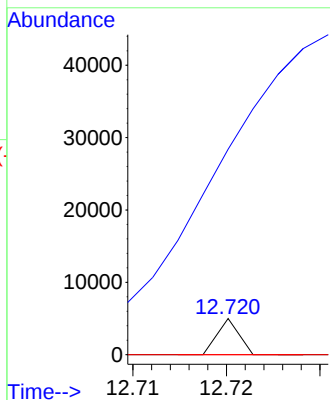
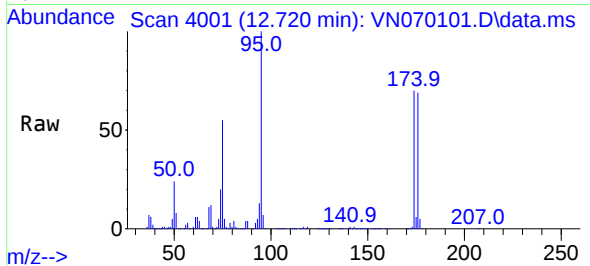




#71
Bromoform
Concen: 2.778 ug/l
RT: 12.720 min Scan# 4001
Delta R.T. 0.260 min
Lab File: VN070101.D
Acq: 15 Dec 2021 4:35

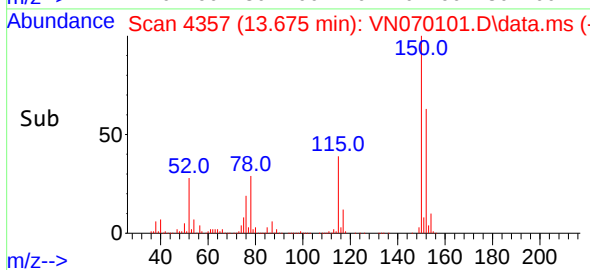
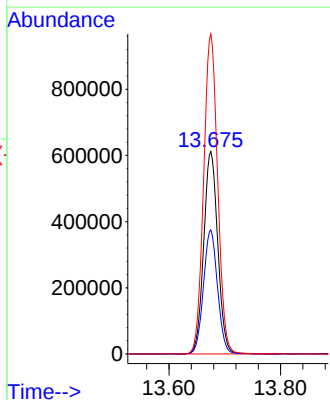
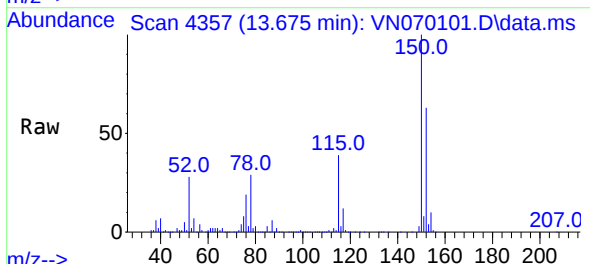
Instrument :
MSVOA_N
ClientSampleId :

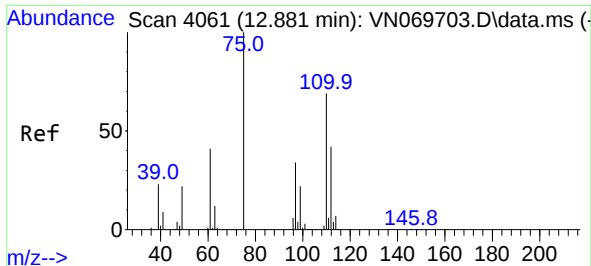
Tgt Ion:173 Resp: 803
Ion Ratio Lower Upper
173 100
175 9003.0 24.2 72.6#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.002 min
Lab File: VN070101.D
Acq: 15 Dec 2021 4:35

Tgt Ion:152 Resp: 1069350
Ion Ratio Lower Upper
152 100
115 61.2 27.5 82.5
150 158.0 0.0 344.4

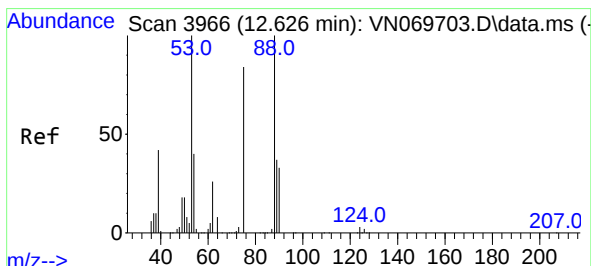
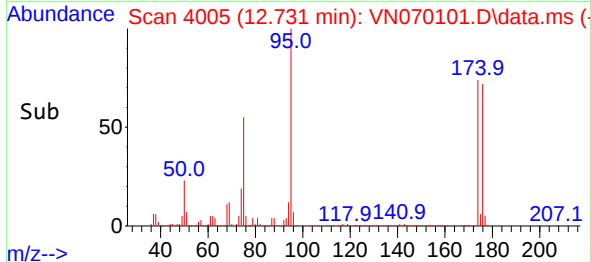
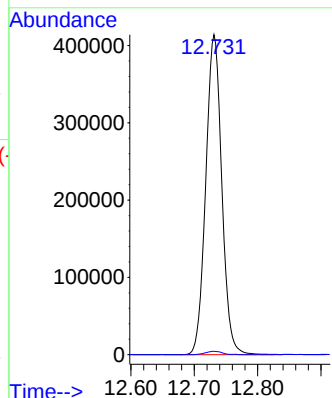
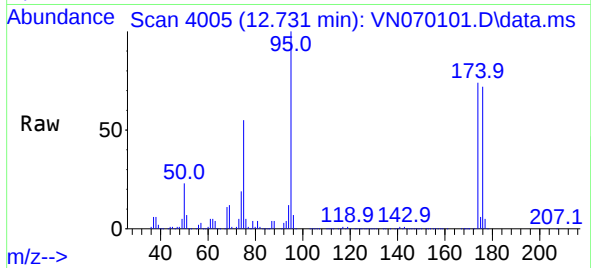




#76
1,2,3-Trichloropropane
Concen: 23.682 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.150 min
Lab File: VN070101.D
Acq: 15 Dec 2021 4:35

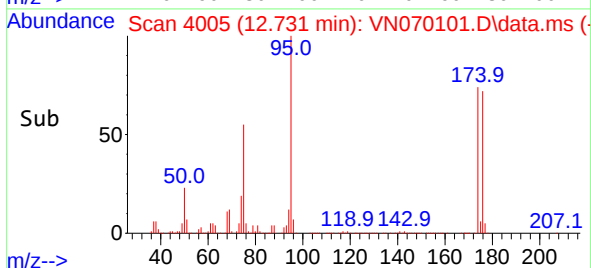
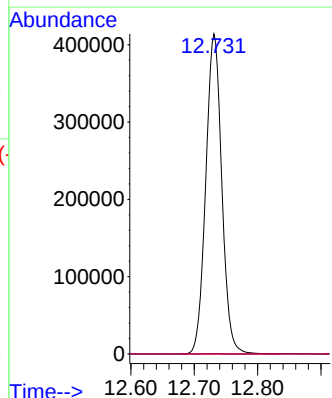
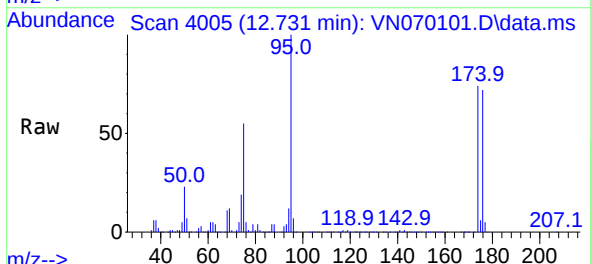
Instrument :
MSVOA_N
ClientSampleId :

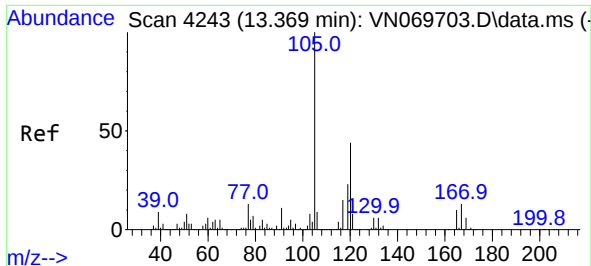
Tgt Ion: 75 Resp: 726242
Ion Ratio Lower Upper
75 100
77 1.1 82.6 247.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 75.274 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.105 min
Lab File: VN070101.D
Acq: 15 Dec 2021 4:35

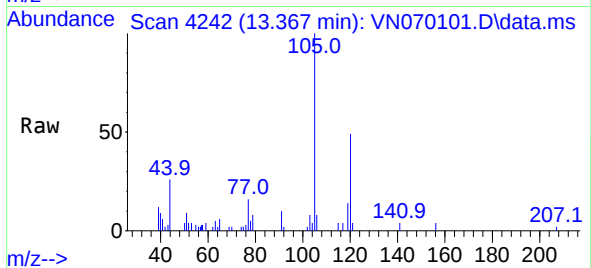
Tgt Ion: 75 Resp: 726242
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 38.2 57.4#



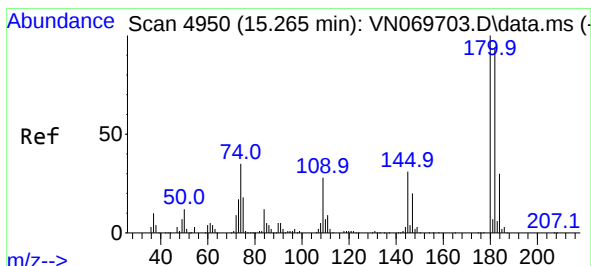
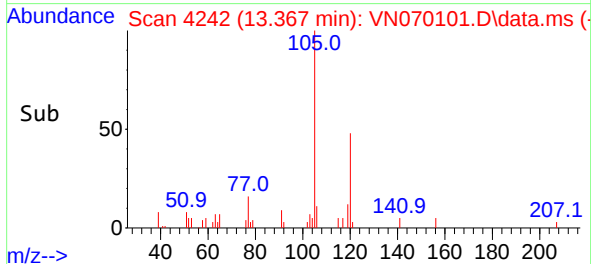
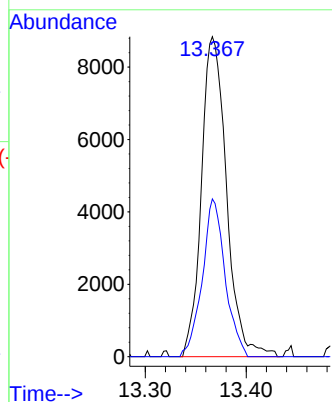


#84
1,2,4-Trimethylbenzene
Concen: 0.210 ug/l
RT: 13.367 min Scan# 41
Delta R.T. -0.002 min
Lab File: VN070101.D
Acq: 15 Dec 2021 4:35

Instrument :
MSVOA_N
ClientSampleId :

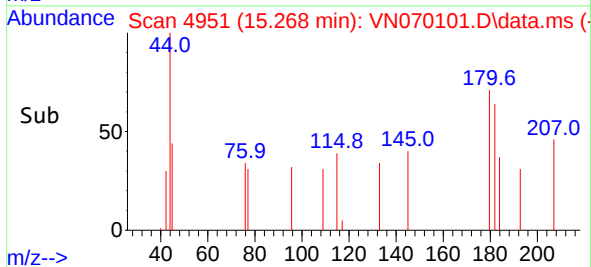
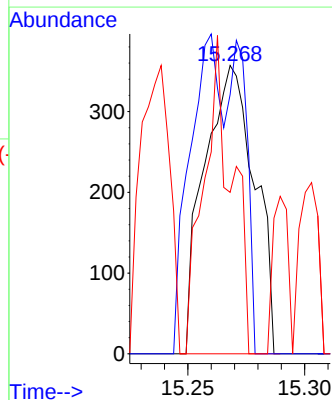
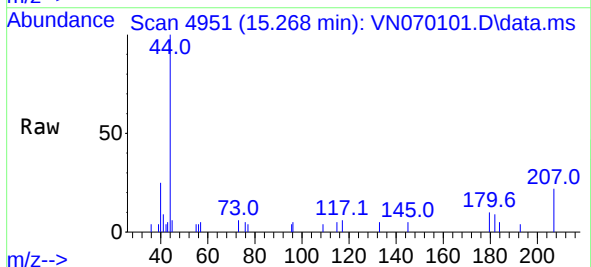


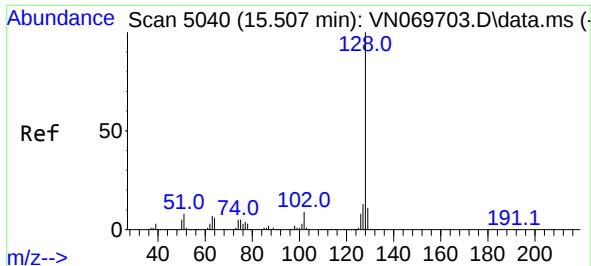
Tgt Ion:105 Resp: 15285
Ion Ratio Lower Upper
105 100
120 44.9 22.8 68.4



#93
1,2,4-Trichlorobenzene
Concen: 2.907 ug/l
RT: 15.268 min Scan# 4951
Delta R.T. 0.003 min
Lab File: VN070101.D
Acq: 15 Dec 2021 4:35

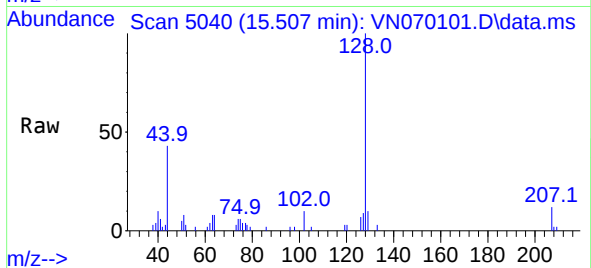
Tgt Ion:180 Resp: 533
Ion Ratio Lower Upper
180 100
182 39.8 48.3 144.9#
145 0.0 14.5 43.5#



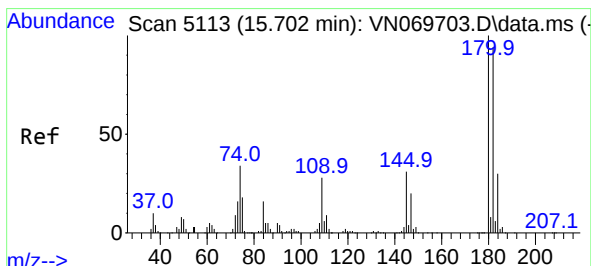
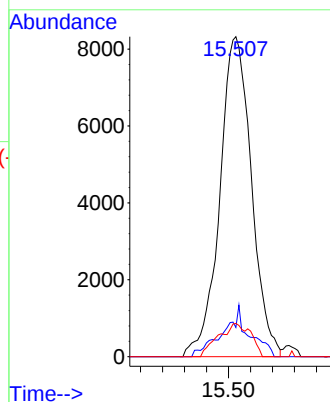
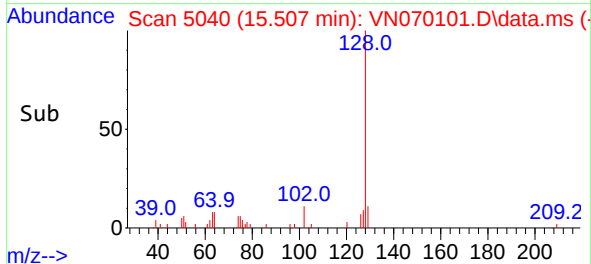


#95
Naphthalene
Concen: 4.279 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN070101.D
Acq: 15 Dec 2021 4:35

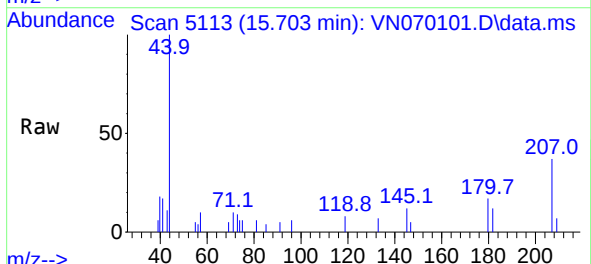
Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:128 Resp: 16670
Ion Ratio Lower Upper
128 100
127 13.1 10.5 15.7
129 10.5 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 2.460 ug/l
RT: 15.703 min Scan# 5113
Delta R.T. 0.001 min
Lab File: VN070101.D
Acq: 15 Dec 2021 4:35



Tgt Ion:180 Resp: 446
Ion Ratio Lower Upper
180 100
182 0.0 47.4 142.2#
145 144.8 15.0 45.1#

