

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121621\
 Data File : VN070135.D
 Acq On : 16 Dec 2021 14:06
 Operator : JC/MD
 Sample : M5011-01
 Misc : 5.81g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 16 15:48:42 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	8.080	168	1255807	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	2289147	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	2474623	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	1355730	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	970696	50.063	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 100.120%	
35) Dibromofluoromethane	8.019	113	653057	45.545	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 91.080%	
50) Toluene-d8	10.440	98	2966963	51.532	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 103.060%	
62) 4-Bromofluorobenzene	12.734	95	1349097	64.680	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 129.360%	

Target Compounds					Qvalue	
11) Tert butyl alcohol	5.294	59	30149	8.226	ug/l #	71
13) Acrolein	4.028	56	716	0.229	ug/l #	52
14) Allyl chloride	5.007	41	174337	6.468	ug/l #	74
15) Acrylonitrile	5.562	53	55660	5.636	ug/l #	33
16) Acetone	4.312	43	25098	2.152	ug/l	95
18) Methyl Acetate	5.015	43	550615	15.640	ug/l #	51
19) Methyl tert-butyl Ether	5.621	73	35323	0.759	ug/l #	1
20) Methylene Chloride	5.060	84	7801	0.503	ug/l #	1
25) 2-Butanone	7.351	43	163759	10.333	ug/l	92
26) 2,2-Dichloropropane	7.115	77	7028	0.331	ug/l #	52
29) Tetrahydrofuran	7.708	42	9375	0.974	ug/l #	46
30) Chloroform	7.761	83	33286	1.208	ug/l #	18
31) Cyclohexane	8.053	56	873585	32.375	ug/l #	41
36) 1,1-Dichloropropene	8.080	75	103772	4.762	ug/l #	50
37) Ethyl Acetate	7.351	43	163759	5.049	ug/l #	68
38) Carbon Tetrachloride	8.078	117	124169	5.811	ug/l #	16
39) Methylcyclohexane	9.454	83	964355	37.204	ug/l #	61
40) Benzene	8.453	78	124816	1.874	ug/l	98
41) Methacrylonitrile	7.665	41	4774	0.314	ug/l #	24
43) Isopropyl Acetate	8.547	43	233352	4.862	ug/l #	55
45) 1,2-Dichloropropane	9.504	63	6071	0.339	ug/l #	1
47) Bromodichloromethane	9.743	83	90762	4.086	ug/l #	28
48) Methyl methacrylate	9.588	41	451798	20.170	ug/l #	24
51) 4-Methyl-2-Pentanone	10.368	43	1646007	52.862	ug/l #	77
52) Toluene	10.505	92	263840	6.488	ug/l	96
53) t-1,3-Dichloropropene	10.725	75	392	2.808	ug/l #	1
54) cis-1,3-Dichloropropene	10.199	75	518	2.016	ug/l #	1
55) 1,1,2-Trichloroethane	10.875	97	288556	17.586	ug/l #	27
56) Ethyl methacrylate	10.738	69	18608	2.853	ug/l #	24
58) 2-Chloroethyl Vinyl ether	10.011	63	23572	21.001	ug/l #	45
59) 2-Hexanone	11.052	43	360454	15.303	ug/l #	30
60) Dibromochloromethane	11.130	129	135	2.384	ug/l	80
67) Ethyl Benzene	11.846	91	4117128	45.148	ug/l	96
68) m/p-Xylenes	11.953	106	3140892	94.594	ug/l	93
69) o-Xylene	12.283	106	690198	20.637	ug/l	90
70) Styrene	12.280	104	36355	0.686	ug/l #	1

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

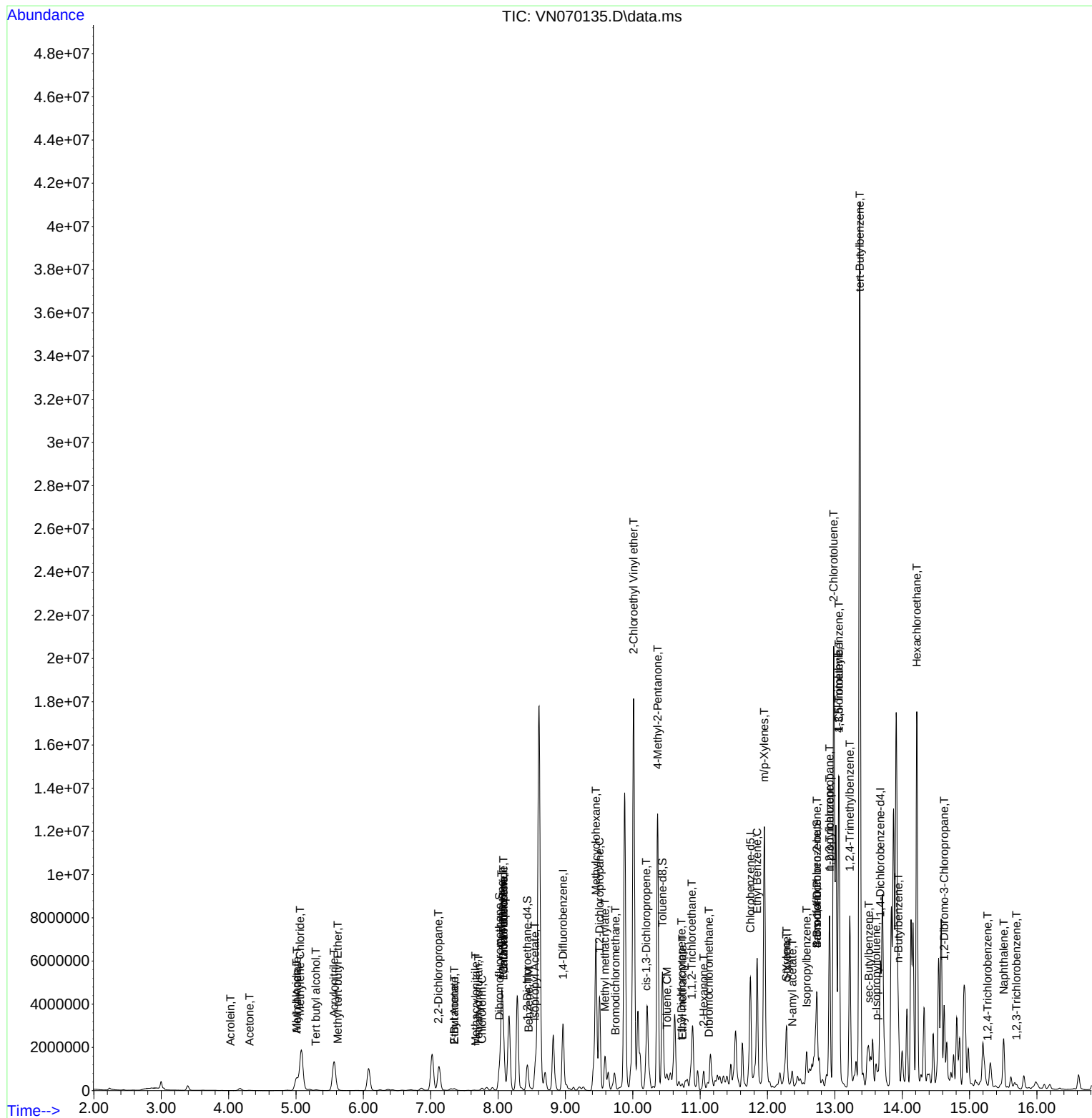
71) Bromoform	12.734	173	1287	2.811	ug/l #	1
73) Isopropylbenzene	12.581	105	1006088	8.341	ug/l	98
74) N-amyl acetate	12.366	43	187815	3.521	ug/l #	66
76) 1,2,3-Trichloropropane	12.921	75	41562	1.069	ug/l #	1
78) n-propylbenzene	12.921	91	6218524	46.329	ug/l	96
79) 2-Chlorotoluene	12.983	91	1568454	18.493	ug/l #	38
80) 1,3,5-Trimethylbenzene	13.061	105	7320929	75.406	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.734	75	743816	61.590	ug/l #	5
82) 4-Chlorotoluene	13.061	91	822186	10.308	ug/l #	39
83) tert-Butylbenzene	13.369	119	2910934	33.861	ug/l #	59
84) 1,2,4-Trimethylbenzene	13.222	105	4918477	53.195	ug/l	76
85) sec-Butylbenzene	13.503	105	945740	8.111	ug/l #	58
86) p-Isopropyltoluene	13.616	119	355846	3.904	ug/l	96
89) n-Butylbenzene	13.943	91	1364498	18.455	ug/l #	58
90) Hexachloroethane	14.217	117	841306	52.573	ug/l #	6
92) 1,2-Dibromo-3-Chloropr...	14.622	75	13290	1.763	ug/l #	1
93) 1,2,4-Trichlorobenzene	15.268	180	3237	3.015	ug/l #	1
95) Naphthalene	15.507	128	1963100	31.253	ug/l	100
96) 1,2,3-Trichlorobenzene	15.697	180	2853	2.561	ug/l #	58

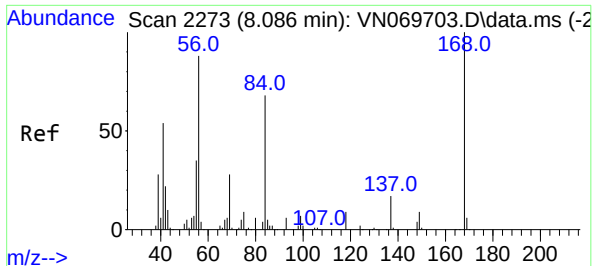
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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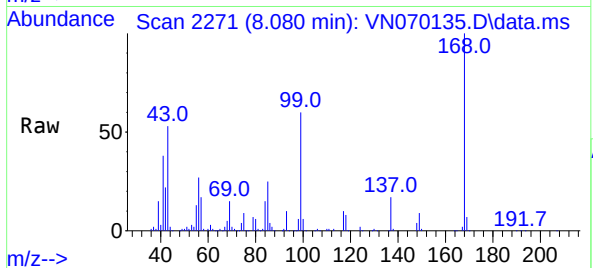
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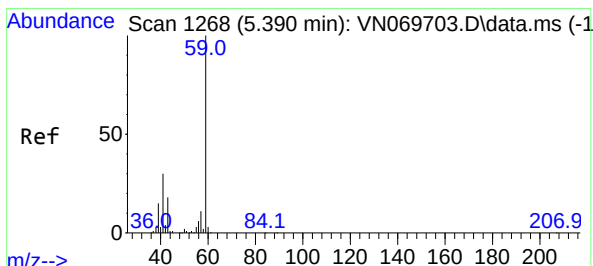
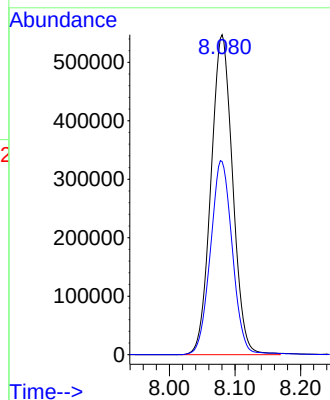
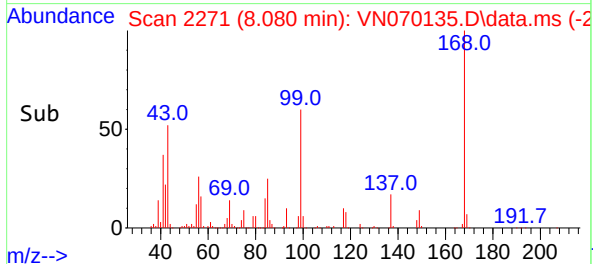


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.080 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN070135.D
Acq: 16 Dec 2021 14:06

Instrument :
MSVOA_N
ClientSampleId :

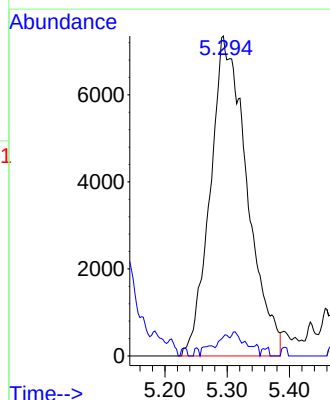
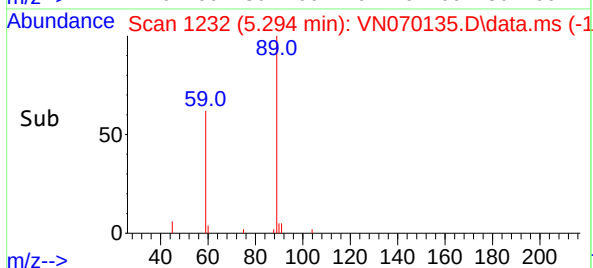
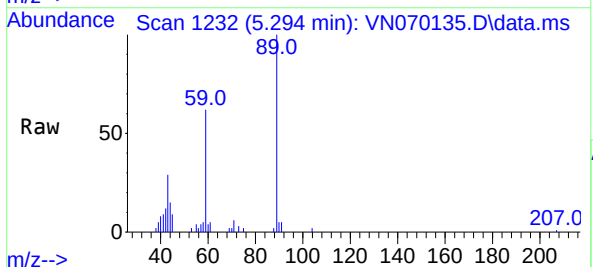


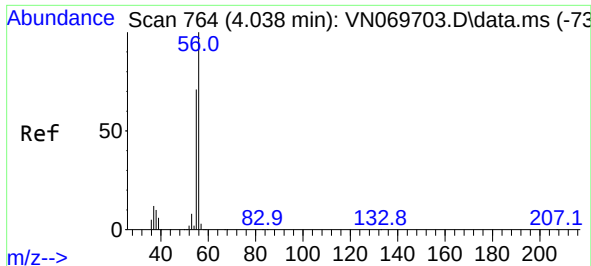
Tgt Ion:168 Resp: 1255807
Ion Ratio Lower Upper
168 100
99 60.3 41.3 61.9



#11
Tert butyl alcohol
Concen: 8.226 ug/l
RT: 5.294 min Scan# 1232
Delta R.T. -0.096 min
Lab File: VN070135.D
Acq: 16 Dec 2021 14:06

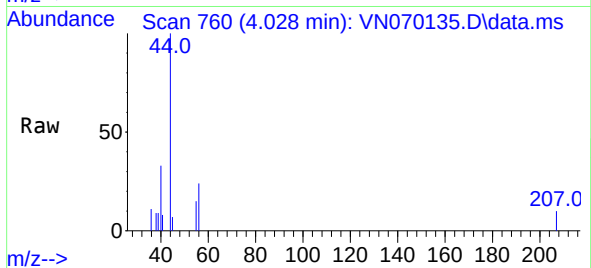
Tgt Ion: 59 Resp: 30149
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#



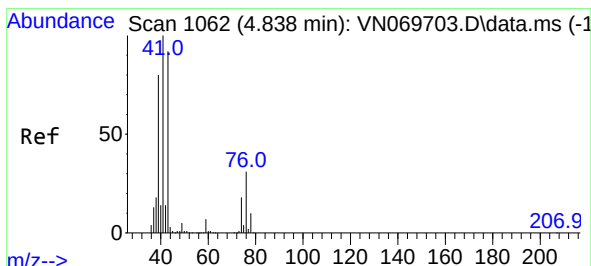
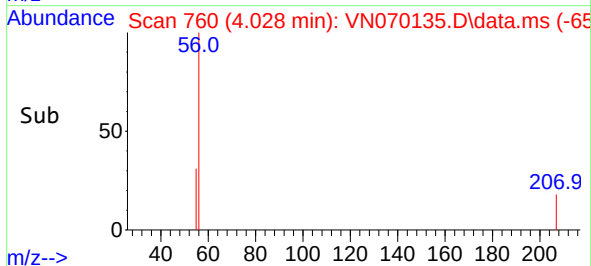
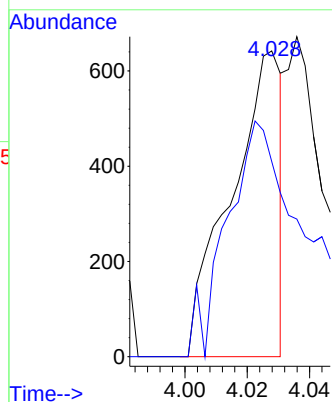


#13
Acrolein
Concen: 0.229 ug/l
RT: 4.028 min Scan# 716
Delta R.T. -0.011 min
Lab File: VN070135.D
Acq: 16 Dec 2021 14:06

Instrument :
MSVOA_N
ClientSampleId :

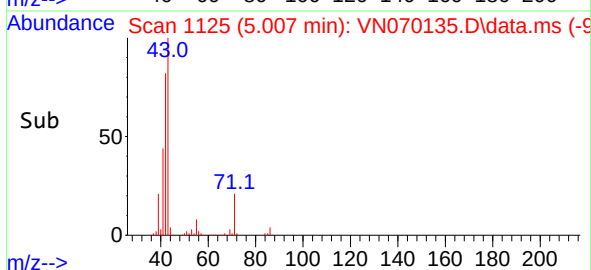
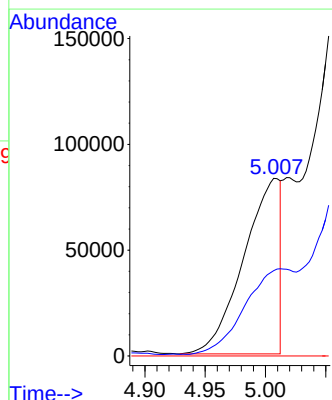
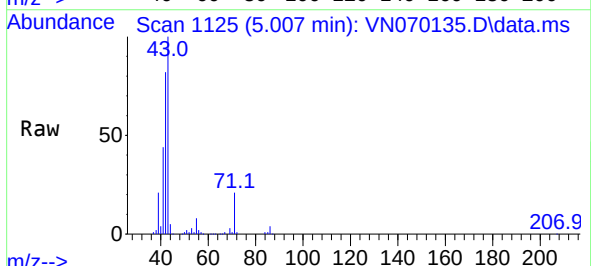


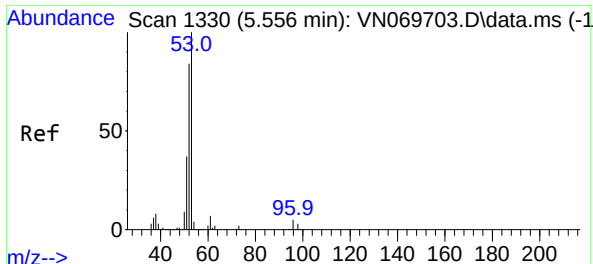
Tgt Ion: 56 Resp: 716
Ion Ratio Lower Upper
56 100
55 110.8 56.6 85.0#



#14
Allyl chloride
Concen: 6.468 ug/l
RT: 5.007 min Scan# 1125
Delta R.T. 0.169 min
Lab File: VN070135.D
Acq: 16 Dec 2021 14:06

Tgt Ion: 41 Resp: 174337
Ion Ratio Lower Upper
41 100
39 65.7 61.2 91.8
76 0.0 26.0 39.0#

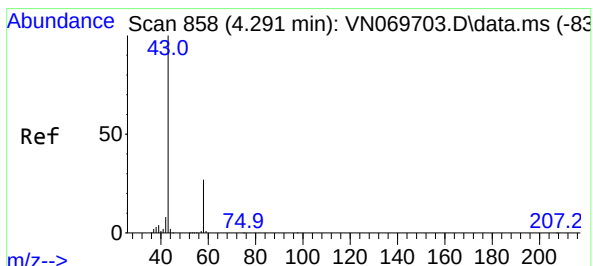
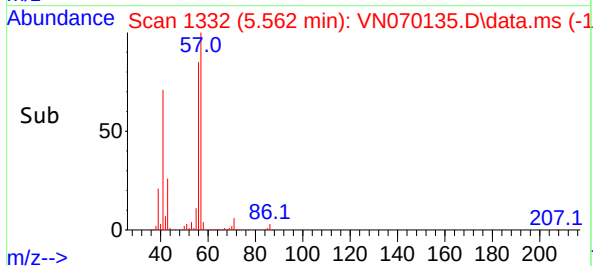
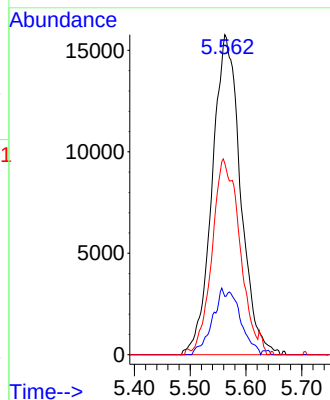
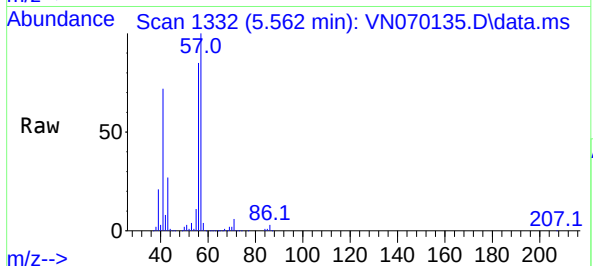




#15
Acrylonitrile
Concen: 5.636 ug/l
RT: 5.562 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN070135.D
Acq: 16 Dec 2021 14:06

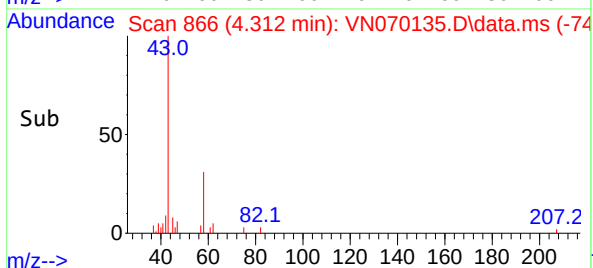
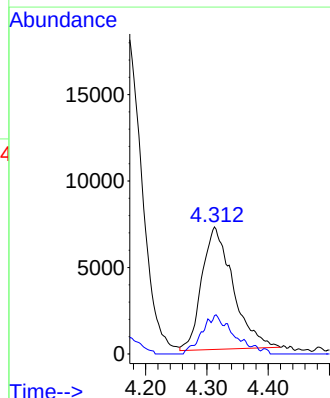
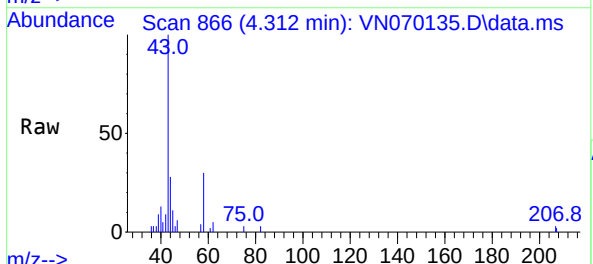
Instrument :
MSVOA_N
ClientSampleId :

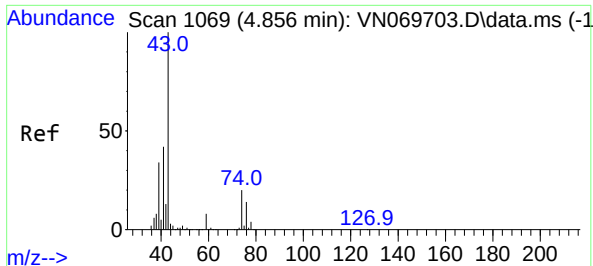
Tgt Ion: 53 Resp: 55660
Ion Ratio Lower Upper
53 100
52 9.3 66.2 99.2#
51 56.8 29.6 44.4#



#16
Acetone
Concen: 2.152 ug/l
RT: 4.312 min Scan# 866
Delta R.T. 0.022 min
Lab File: VN070135.D
Acq: 16 Dec 2021 14:06

Tgt Ion: 43 Resp: 25098
Ion Ratio Lower Upper
43 100
58 31.7 23.1 34.7





#18

Methyl Acetate

Concen: 15.640 ug/l

RT: 5.015 min Scan# 1128

Delta R.T. 0.158 min

Lab File: VN070135.D

Acq: 16 Dec 2021 14:06

Instrument :

MSVOA_N

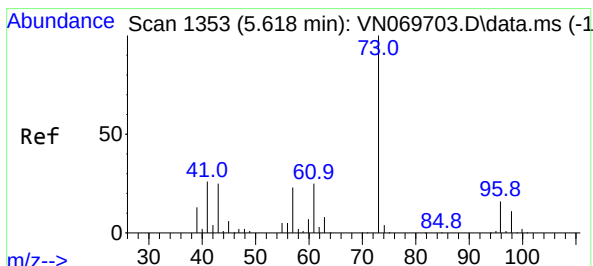
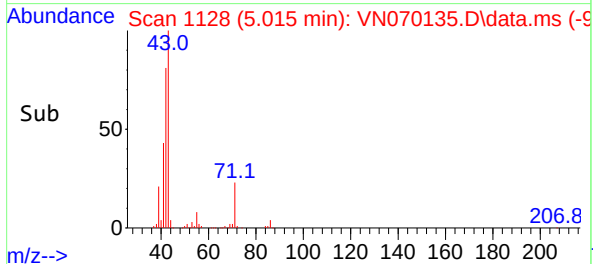
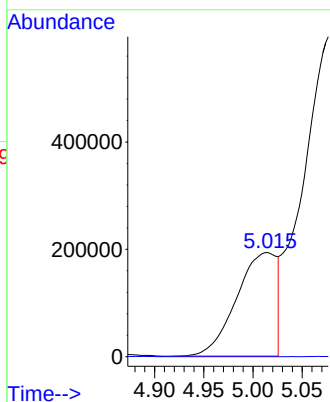
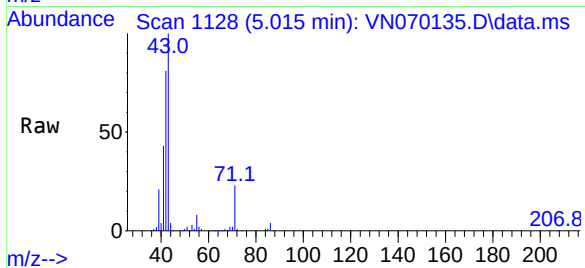
ClientSampleId :

Tgt Ion: 43 Resp: 550615

Ion Ratio Lower Upper

43 100

74 0.0 19.4 29.2#



#19

Methyl tert-butyl Ether

Concen: 0.759 ug/l

RT: 5.621 min Scan# 1354

Delta R.T. 0.003 min

Lab File: VN070135.D

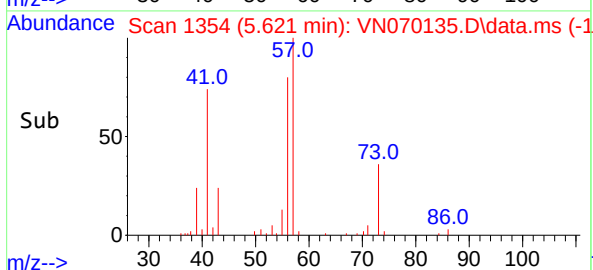
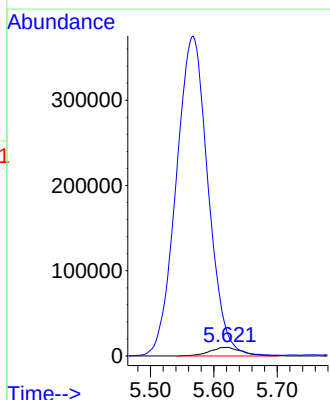
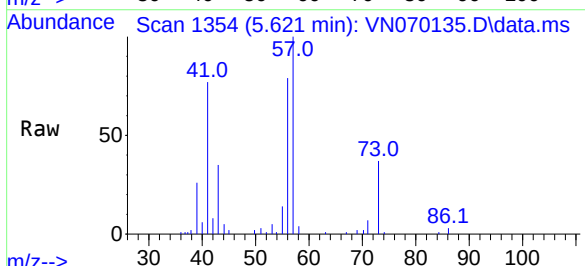
Acq: 16 Dec 2021 14:06

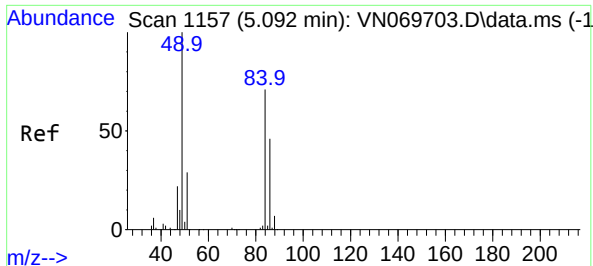
Tgt Ion: 73 Resp: 35323

Ion Ratio Lower Upper

73 100

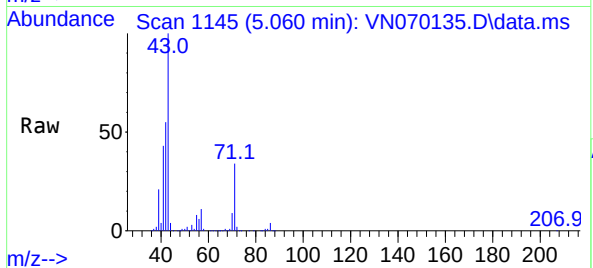
57 261.8 16.8 25.2#



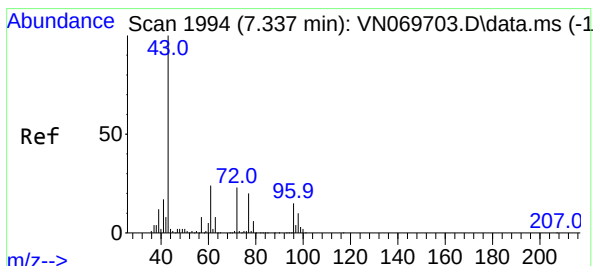
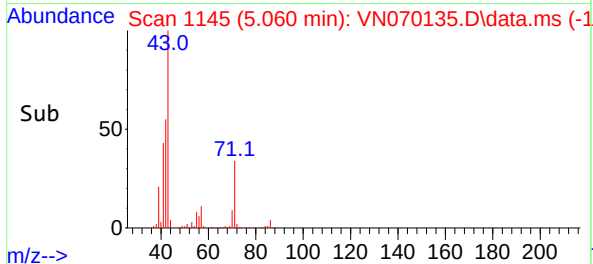
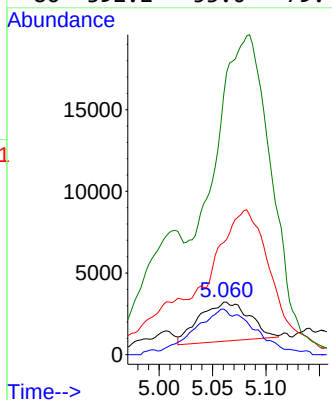


#20
Methylene Chloride
Concen: 0.503 ug/l
RT: 5.060 min Scan# 1157
Delta R.T. -0.032 min
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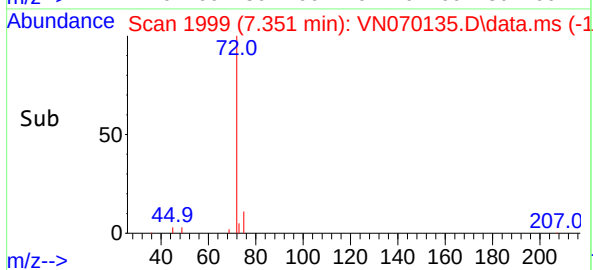
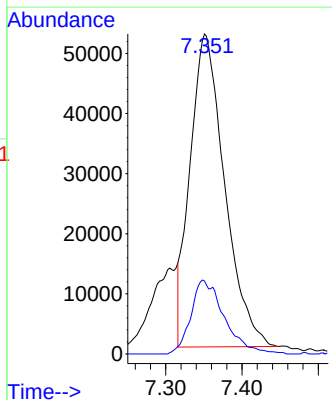
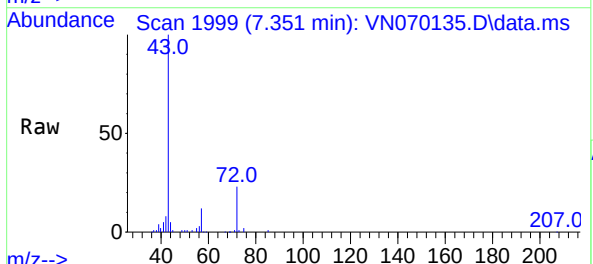


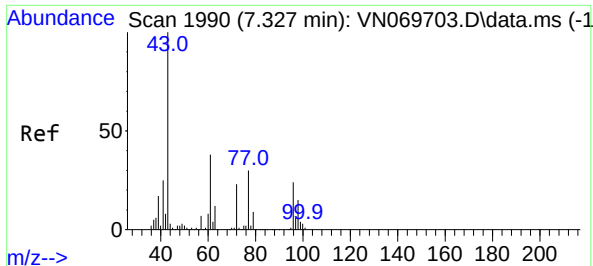
Tgt Ion: 84 Resp: 7801
Ion Ratio Lower Upper
84 100
49 103.6 93.5 140.3
51 160.4 29.4 44.2#
86 392.2 53.0 79.4#



#25
2-Butanone
Concen: 10.333 ug/l
RT: 7.351 min Scan# 1999
Delta R.T. 0.014 min
Lab File: VN070135.D
Acq: 16 Dec 2021 14:06

Tgt Ion: 43 Resp: 163759
Ion Ratio Lower Upper
43 100
72 22.8 21.7 32.5





#26

2,2-Dichloropropane

Concen: 0.331 ug/l

RT: 7.115 min Scan# 19

Delta R.T. -0.212 min

Lab File: VN070135.D

Acq: 16 Dec 2021 14:06

Instrument :

MSVOA_N

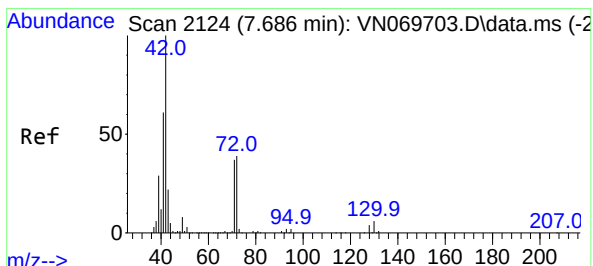
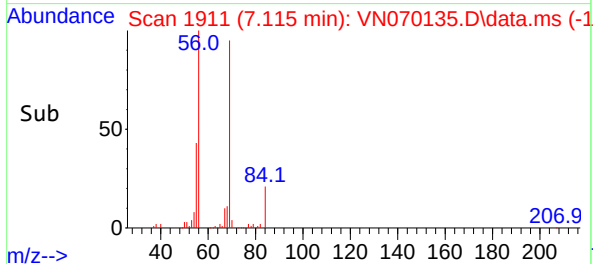
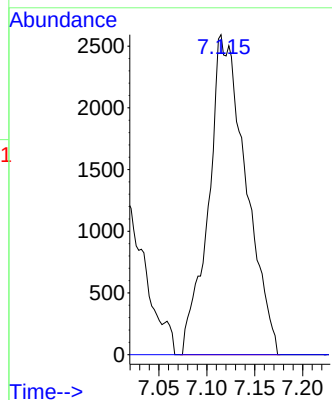
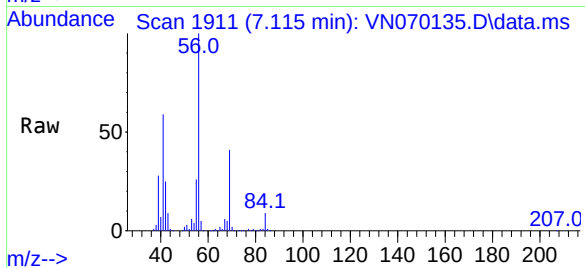
ClientSampleId :

Tgt Ion: 77 Resp: 7028

Ion Ratio Lower Upper

77 100

97 0.0 11.6 34.8#



#29

Tetrahydrofuran

Concen: 0.974 ug/l

RT: 7.708 min Scan# 2132

Delta R.T. 0.022 min

Lab File: VN070135.D

Acq: 16 Dec 2021 14:06

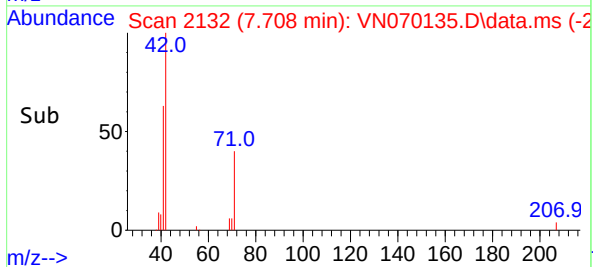
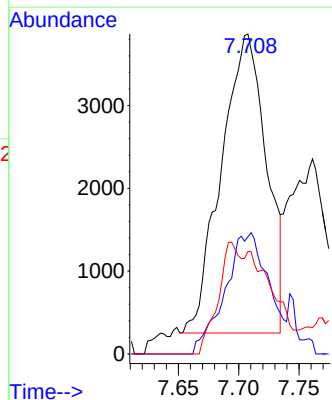
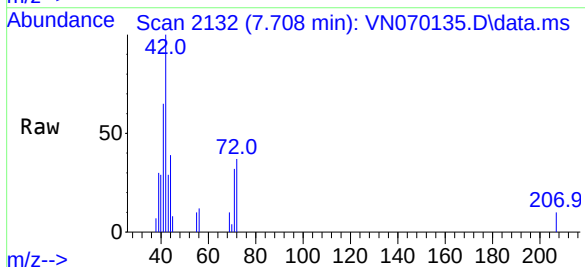
Tgt Ion: 42 Resp: 9375

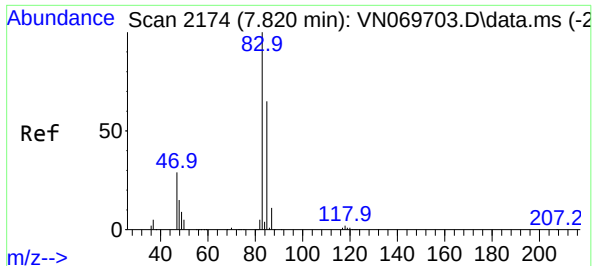
Ion Ratio Lower Upper

42 100

72 19.1 36.3 54.5#

71 0.0 34.7 52.1#





#30

Chloroform

Concen: 1.208 ug/l

RT: 7.761 min Scan# 2174

Delta R.T. -0.059 min

Lab File: VN070135.D

Acq: 16 Dec 2021 14:06

Instrument :

MSVOA_N

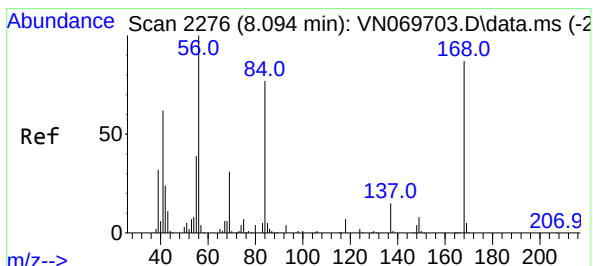
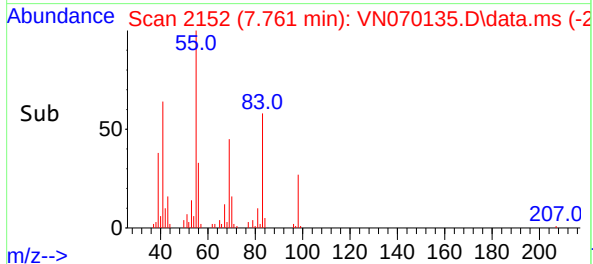
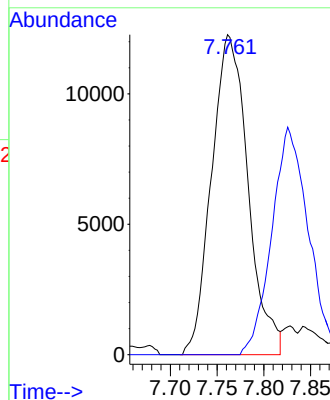
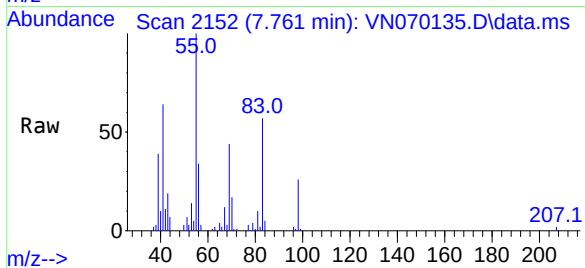
ClientSampleId :

Tgt Ion: 83 Resp: 33286

Ion Ratio Lower Upper

83 100

85 0.0 51.9 77.9#



#31

Cyclohexane

Concen: 32.375 ug/l

RT: 8.053 min Scan# 2261

Delta R.T. -0.040 min

Lab File: VN070135.D

Acq: 16 Dec 2021 14:06

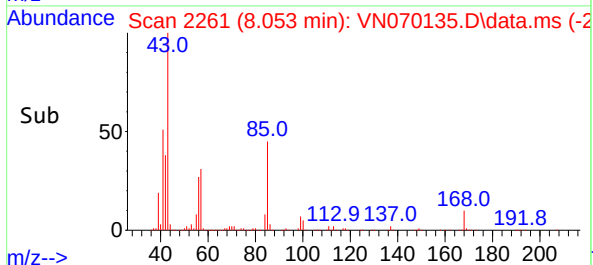
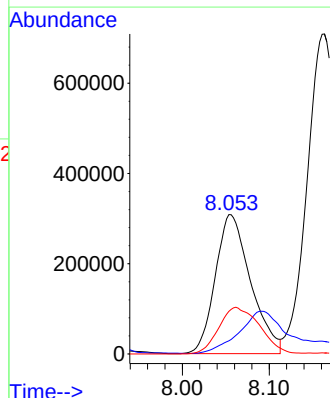
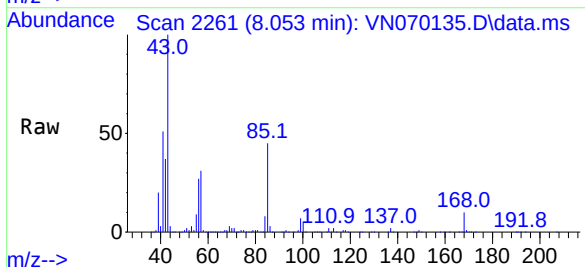
Tgt Ion: 56 Resp: 873585

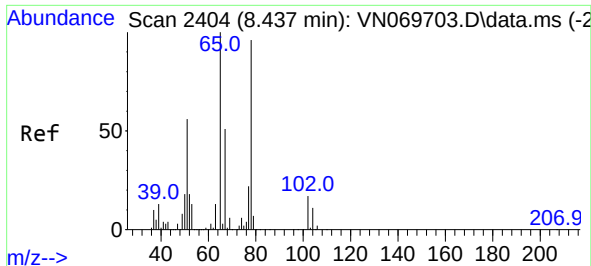
Ion Ratio Lower Upper

56 100

69 9.0 27.1 40.7#

84 30.6 73.4 110.0#





#33

1,2-Dichloroethane-d4

Concen: 50.063 ug/l

RT: 8.434 min Scan# 24

Delta R.T. -0.002 min

Lab File: VN070135.D

Acq: 16 Dec 2021 14:06

Instrument :

MSVOA_N

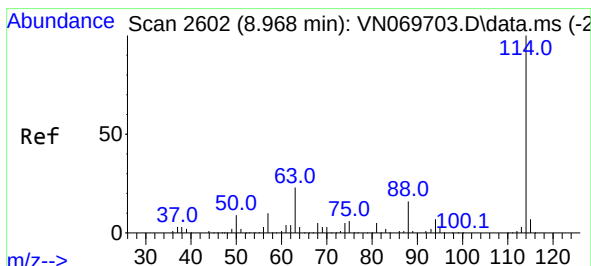
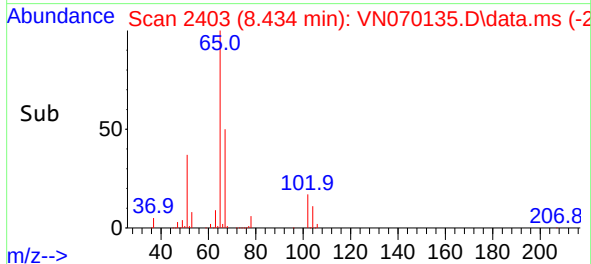
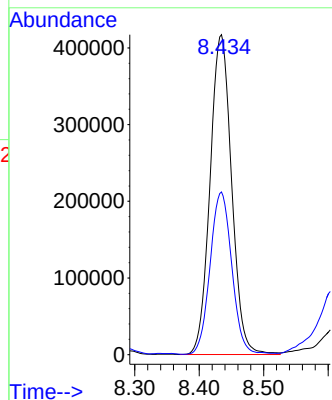
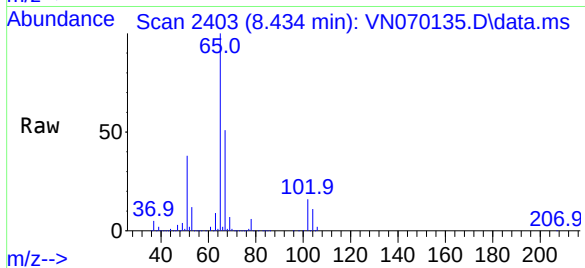
ClientSampleId :

Tgt Ion: 65 Resp: 970696

Ion Ratio Lower Upper

65 100

67 51.0 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.965 min Scan# 2601

Delta R.T. -0.003 min

Lab File: VN070135.D

Acq: 16 Dec 2021 14:06

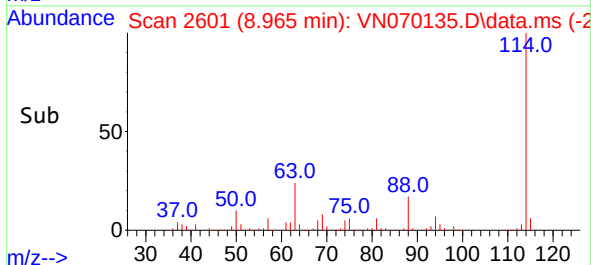
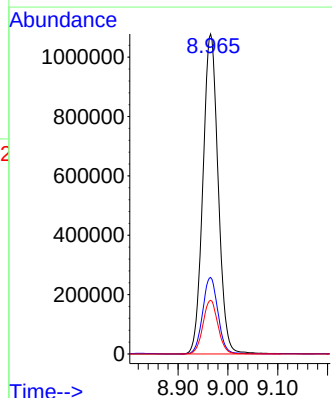
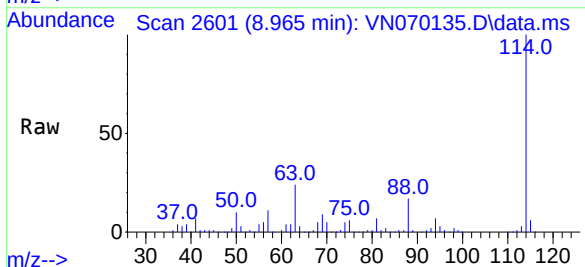
Tgt Ion: 114 Resp: 2289147

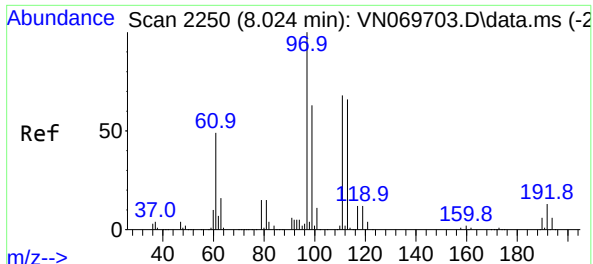
Ion Ratio Lower Upper

114 100

63 23.9 0.0 37.8

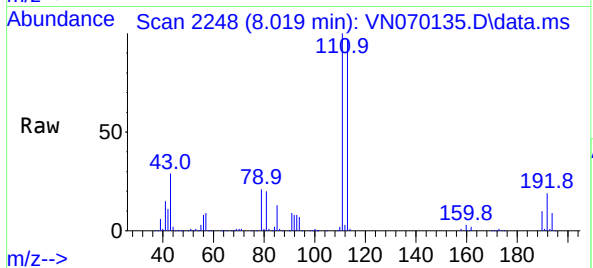
88 16.7 0.0 27.4



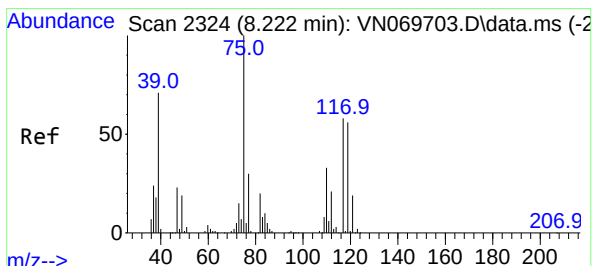
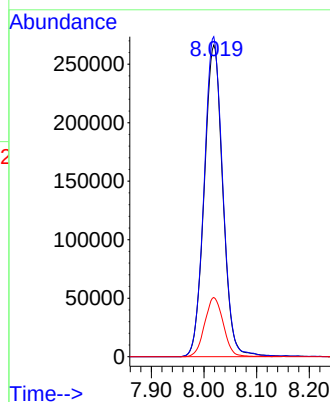
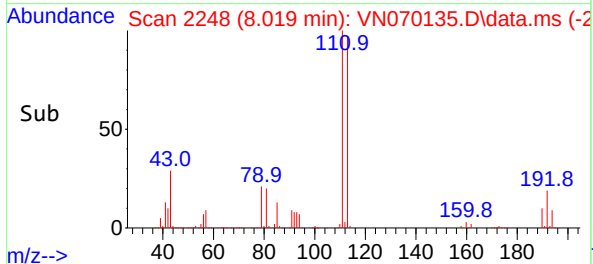


#35
Dibromofluoromethane
Concen: 45.545 ug/l
RT: 8.019 min Scan# 211
Delta R.T. -0.005 min
Lab File: VN070135.D
Acq: 16 Dec 2021 14:06

Instrument :
MSVOA_N
ClientSampleId :

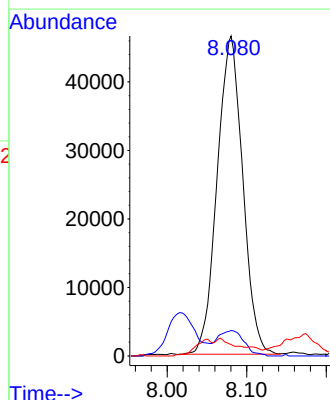
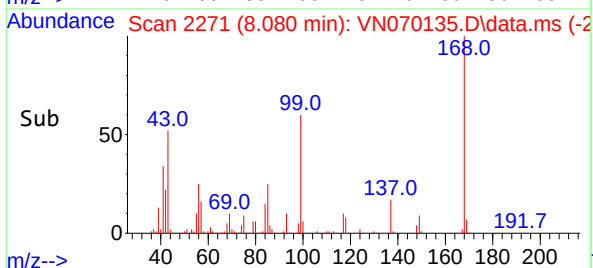
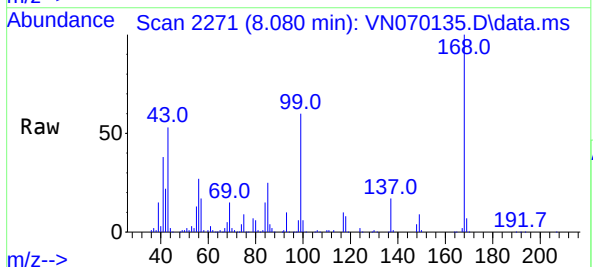


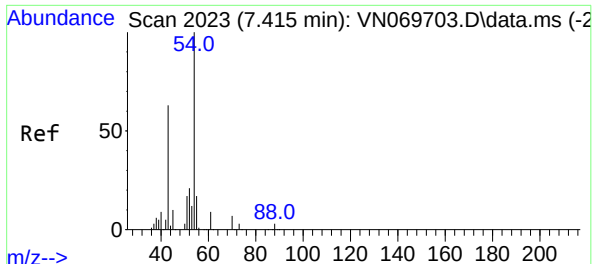
Tgt Ion:113 Resp: 653057
Ion Ratio Lower Upper
113 100
111 102.7 82.2 123.2
192 19.1 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.762 ug/l
RT: 8.080 min Scan# 2271
Delta R.T. -0.142 min
Lab File: VN070135.D
Acq: 16 Dec 2021 14:06

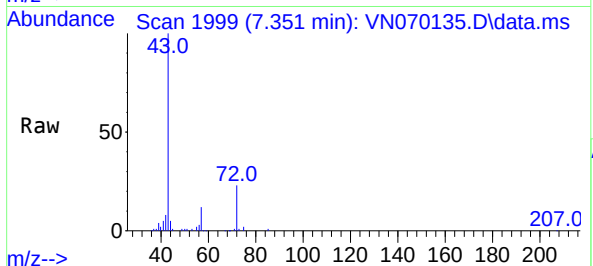
Tgt Ion: 75 Resp: 103772
Ion Ratio Lower Upper
75 100
110 8.2 18.4 55.2#
77 1.9 24.4 36.6#



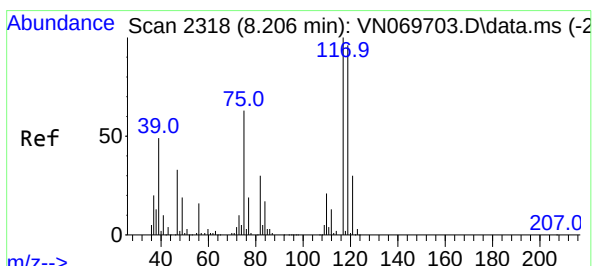
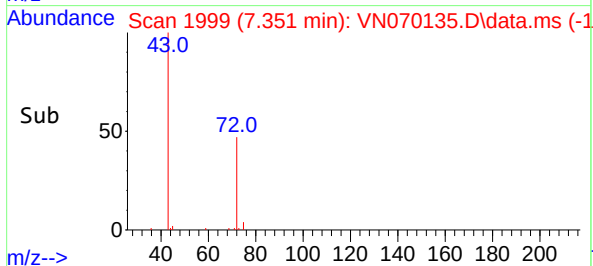
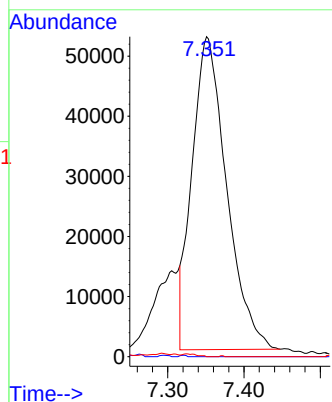


#37
Ethyl Acetate
Concen: 5.049 ug/l
RT: 7.351 min Scan# 1999
Delta R.T. -0.064 min
Lab File: VN070135.D
Acq: 16 Dec 2021 14:06

Instrument :
MSVOA_N
ClientSampleId :

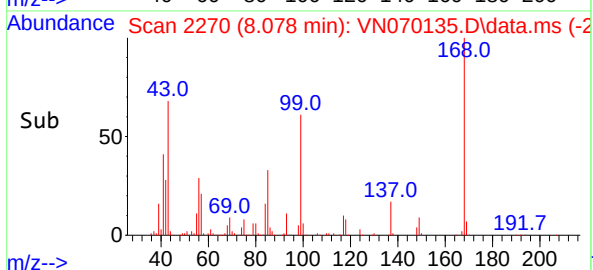
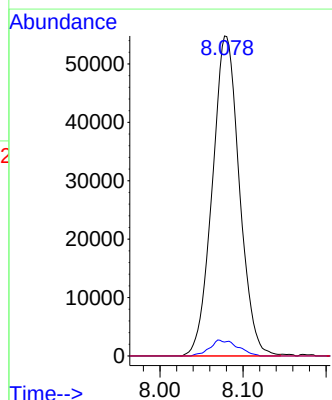
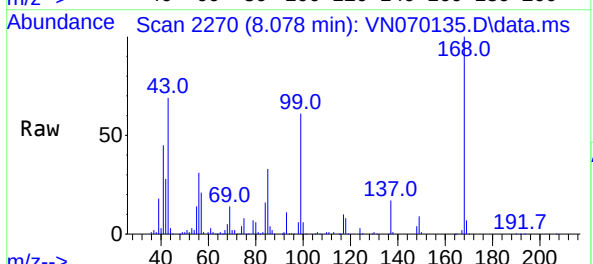


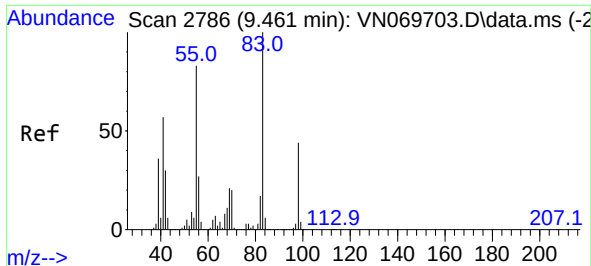
Tgt Ion: 43 Resp: 163759
Ion Ratio Lower Upper
43 100
61 0.0 11.5 17.3#
70 0.0 7.9 11.9#



#38
Carbon Tetrachloride
Concen: 5.811 ug/l
RT: 8.078 min Scan# 2270
Delta R.T. -0.129 min
Lab File: VN070135.D
Acq: 16 Dec 2021 14:06

Tgt Ion: 117 Resp: 124169
Ion Ratio Lower Upper
117 100
119 4.3 76.1 114.1#
121 0.0 24.2 36.2#





#39

Methylcyclohexane

Concen: 37.204 ug/l

RT: 9.454 min Scan# 21

Delta R.T. -0.008 min

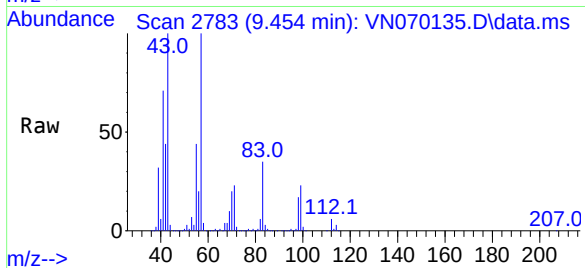
Lab File: VN070135.D

Acq: 16 Dec 2021 14:06

Instrument :

MSVOA_N

ClientSampleId :



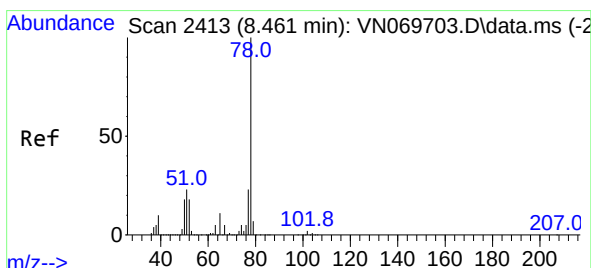
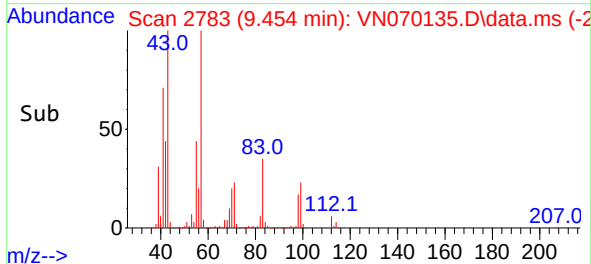
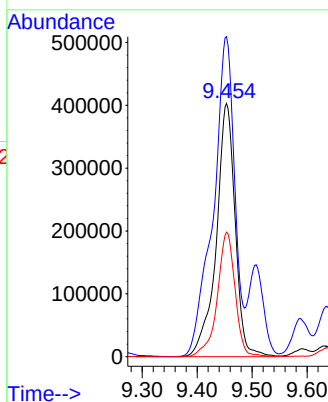
Tgt Ion: 83 Resp: 964355

Ion Ratio Lower Upper

83 100

55 126.2 58.1 87.1#

98 49.1 38.4 57.6



#40

Benzene

Concen: 1.874 ug/l

RT: 8.453 min Scan# 2410

Delta R.T. -0.008 min

Lab File: VN070135.D

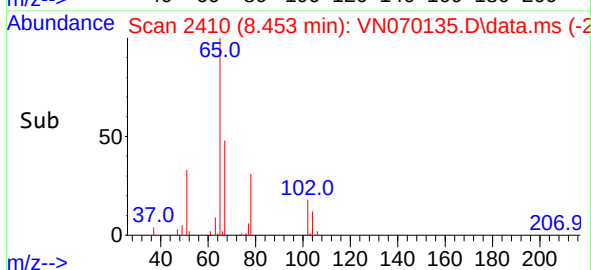
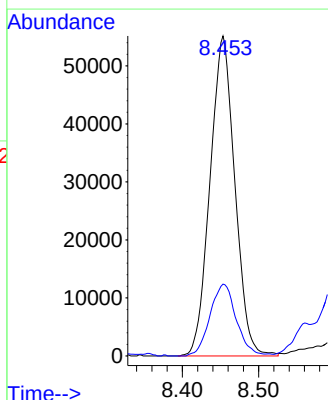
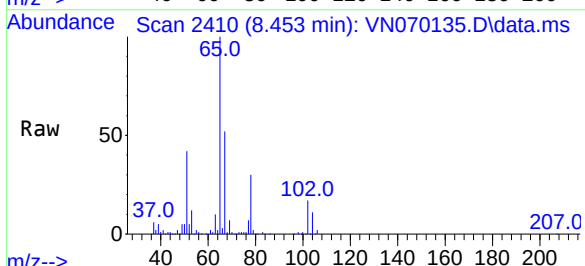
Acq: 16 Dec 2021 14:06

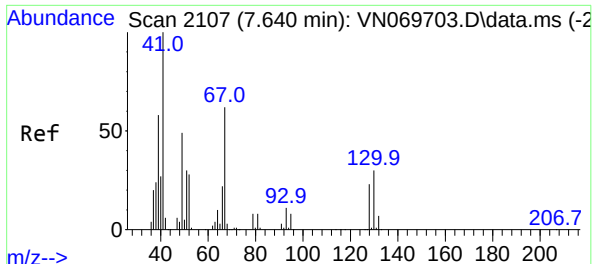
Tgt Ion: 78 Resp: 124816

Ion Ratio Lower Upper

78 100

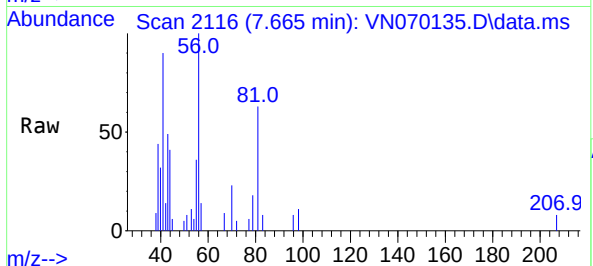
77 22.4 18.6 27.8





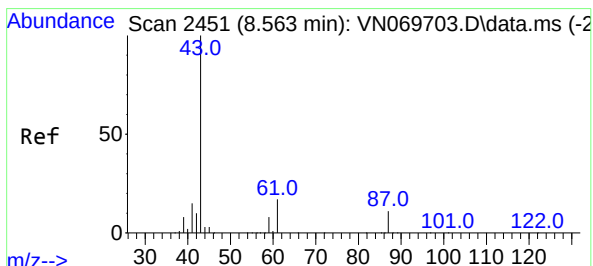
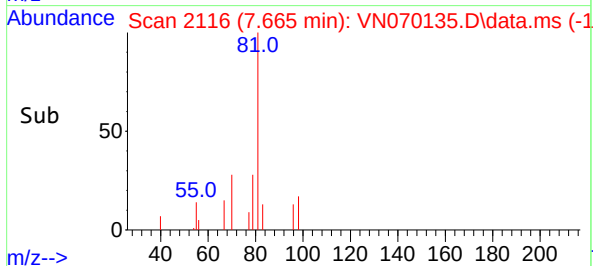
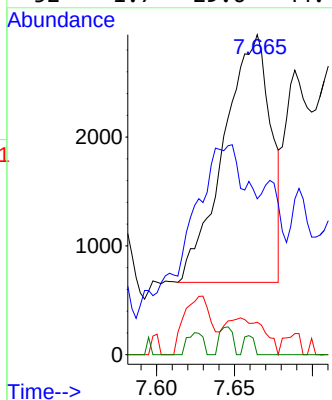
#41
Methacrylonitrile
Concen: 0.314 ug/l
RT: 7.665 min Scan# 2107
Delta R.T. 0.025 min
Lab File: VN070135.D
Acq: 16 Dec 2021 14:06

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 41 Resp: 4774

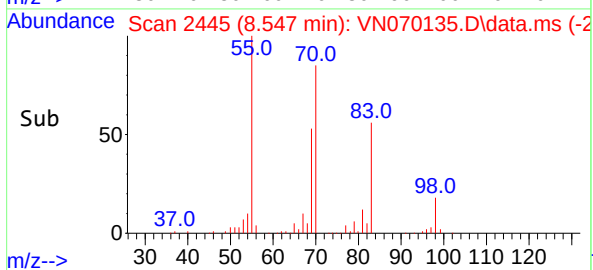
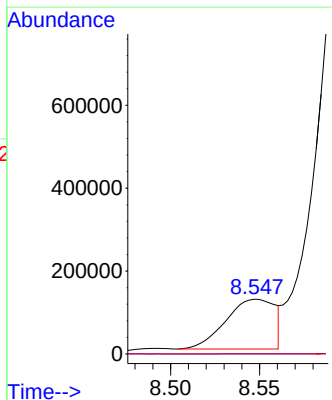
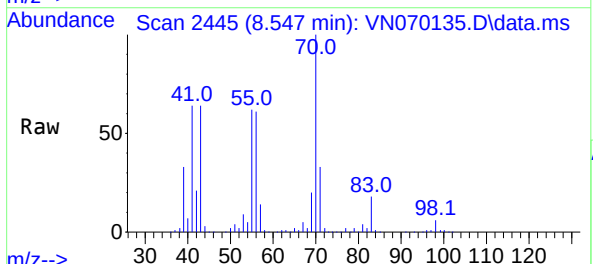
Ion	Ratio	Lower	Upper
41	100		
39	0.0	48.1	72.1#
67	11.9	68.3	102.5#
52	1.7	29.6	44.4#

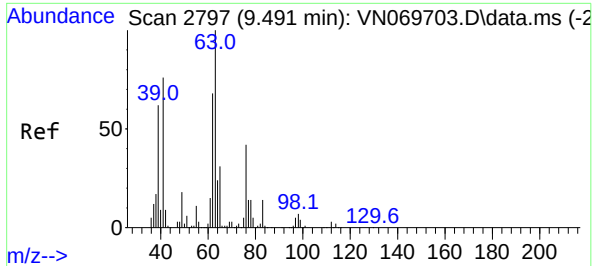


#43
Isopropyl Acetate
Concen: 4.862 ug/l
RT: 8.547 min Scan# 2445
Delta R.T. -0.016 min
Lab File: VN070135.D
Acq: 16 Dec 2021 14:06

Tgt Ion: 43 Resp: 233352

Ion	Ratio	Lower	Upper
43	100		
61	0.0	20.4	30.6#
87	0.0	11.2	16.8#

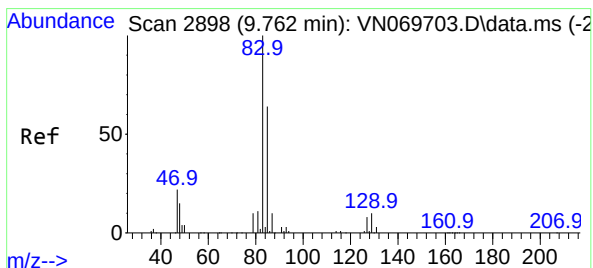
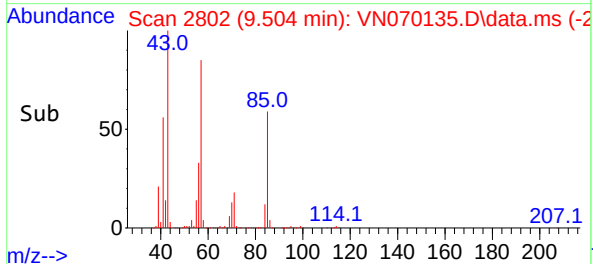
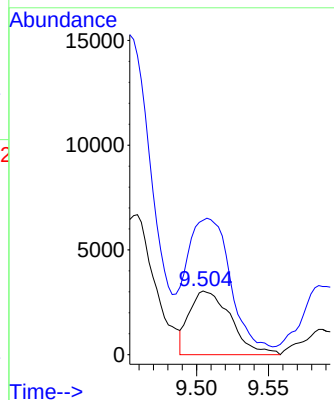
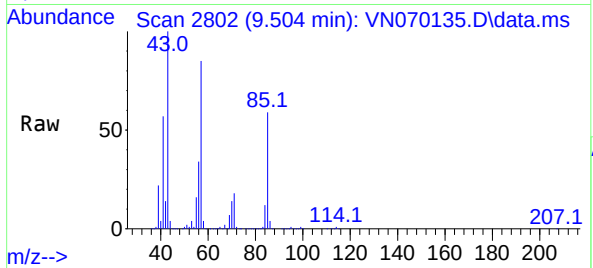




#45
1,2-Dichloropropane
Concen: 0.339 ug/l
RT: 9.504 min Scan# 21
Delta R.T. 0.014 min
Lab File: VN070135.D
Acq: 16 Dec 2021 14:06

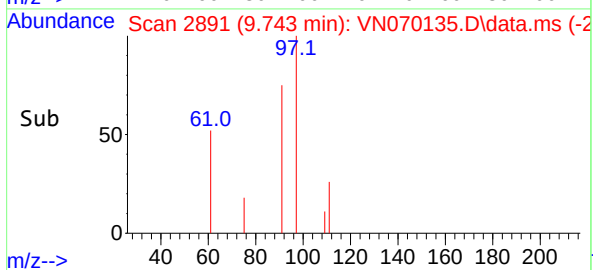
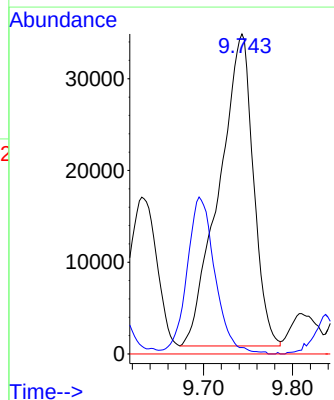
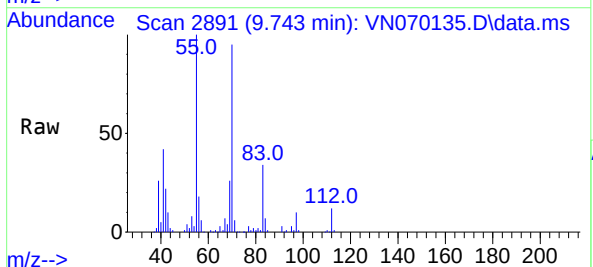
Instrument :
MSVOA_N
ClientSampleId :

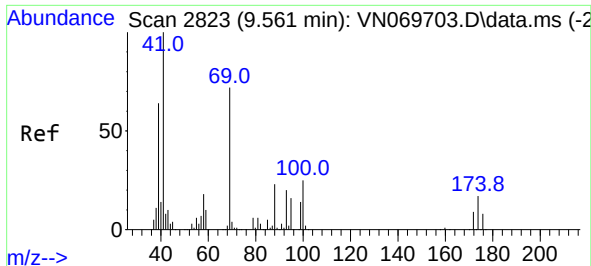
Tgt Ion: 63 Resp: 6071
Ion Ratio Lower Upper
63 100
65 195.0 24.7 37.1#



#47
Bromodichloromethane
Concen: 4.086 ug/l
RT: 9.743 min Scan# 2891
Delta R.T. -0.019 min
Lab File: VN070135.D
Acq: 16 Dec 2021 14:06

Tgt Ion: 83 Resp: 90762
Ion Ratio Lower Upper
83 100
85 2.1 50.9 76.3#
127 0.0 7.1 10.7#

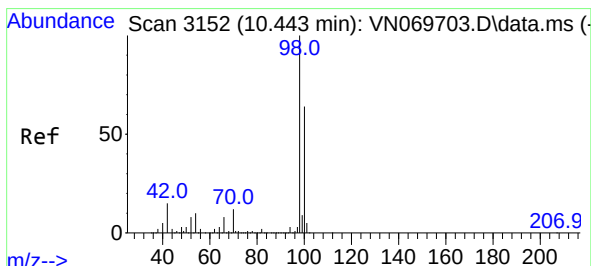
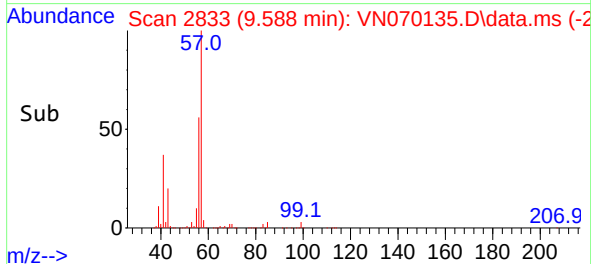
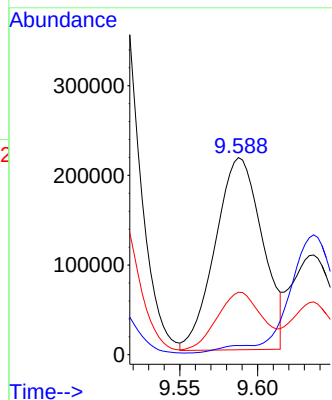
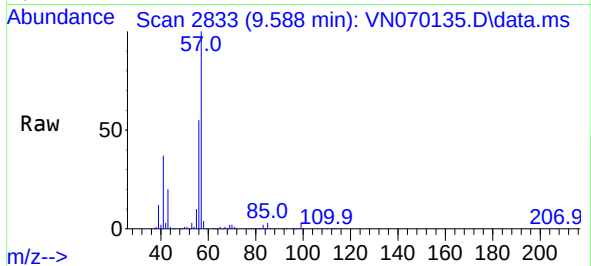




#48
Methyl methacrylate
Concen: 20.170 ug/l
RT: 9.588 min Scan# 21
Delta R.T. 0.027 min
Lab File: VN070135.D
Acq: 16 Dec 2021 14:06

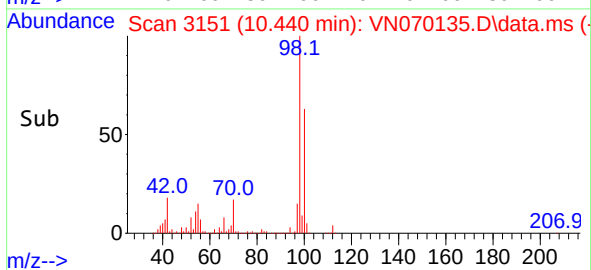
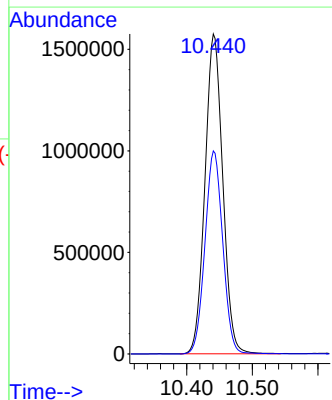
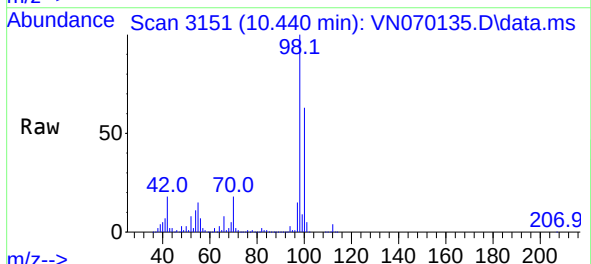
Instrument :
MSVOA_N
ClientSampleId :

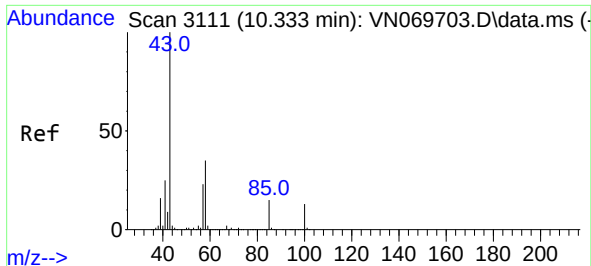
Tgt Ion: 41 Resp: 451798
Ion Ratio Lower Upper
41 100
69 0.0 72.4 108.6#
39 30.4 58.4 87.6#



#50
Toluene-d8
Concen: 51.532 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. -0.002 min
Lab File: VN070135.D
Acq: 16 Dec 2021 14:06

Tgt Ion: 98 Resp: 2966963
Ion Ratio Lower Upper
98 100
100 63.5 50.4 75.6

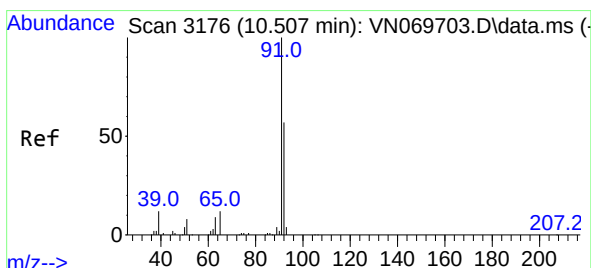
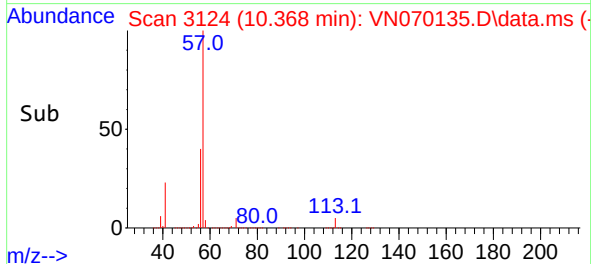
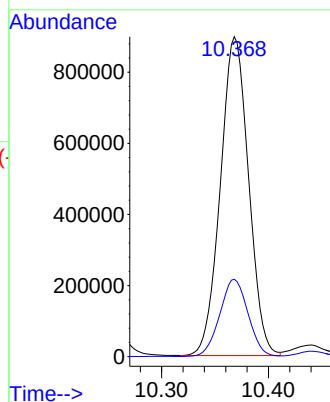
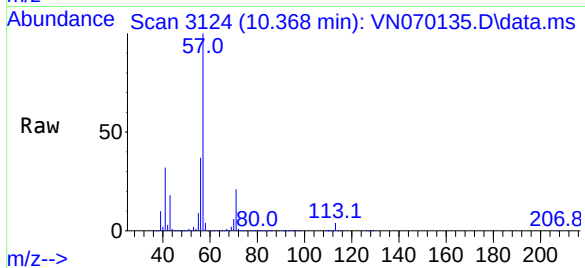




#51
4-Methyl-2-Pentanone
Concen: 52.862 ug/l
RT: 10.368 min Scan# 3111
Delta R.T. 0.035 min
Lab File: VN070135.D
Acq: 16 Dec 2021 14:06

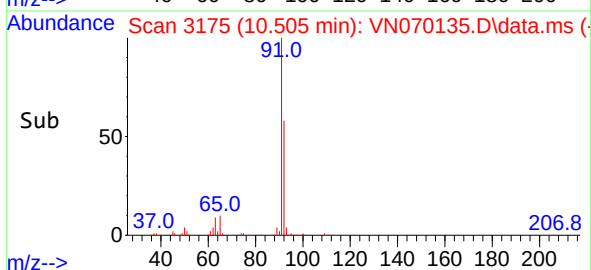
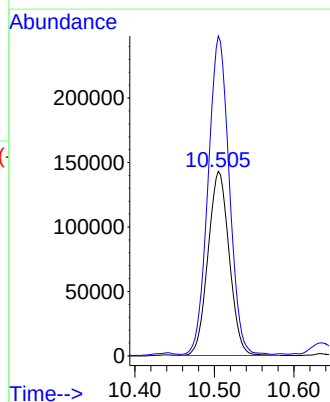
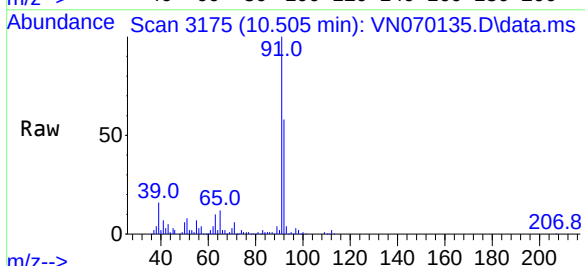
Instrument :
MSVOA_N
ClientSampleId :

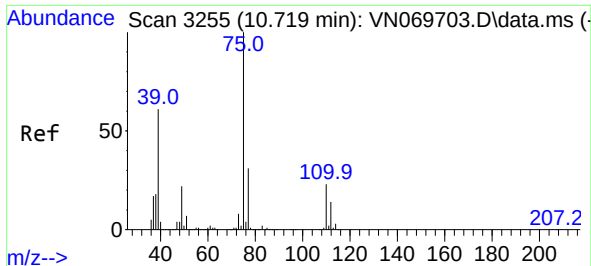
Tgt Ion: 43 Resp: 1646007
Ion Ratio Lower Upper
43 100
58 24.3 30.4 45.6#



#52
Toluene
Concen: 6.488 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.002 min
Lab File: VN070135.D
Acq: 16 Dec 2021 14:06

Tgt Ion: 92 Resp: 263840
Ion Ratio Lower Upper
92 100
91 172.2 142.0 213.0

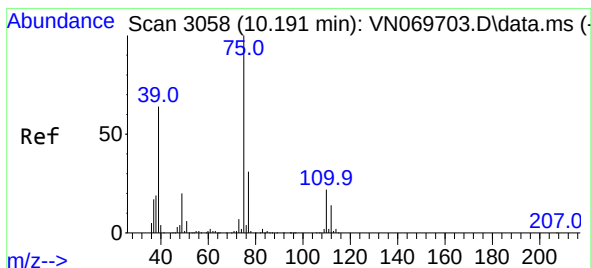
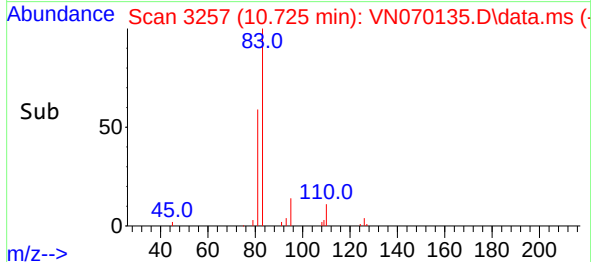
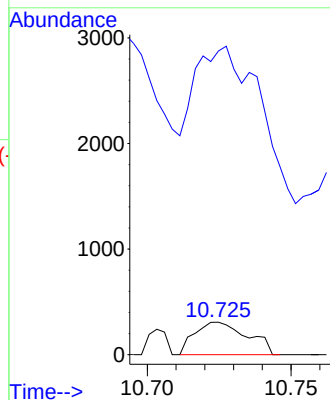
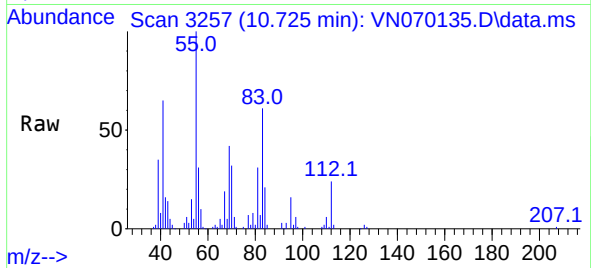




#53
t-1,3-Dichloropropene
Concen: 2.808 ug/l
RT: 10.725 min Scan# 3061
Delta R.T. 0.006 min
Lab File: VN070135.D
Acq: 16 Dec 2021 14:06

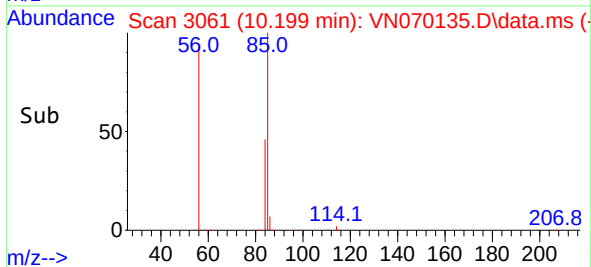
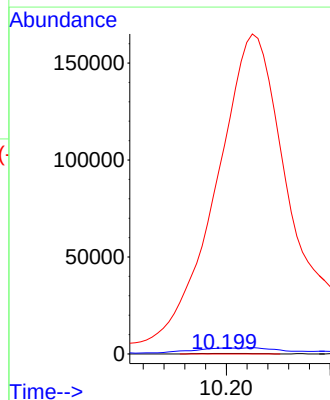
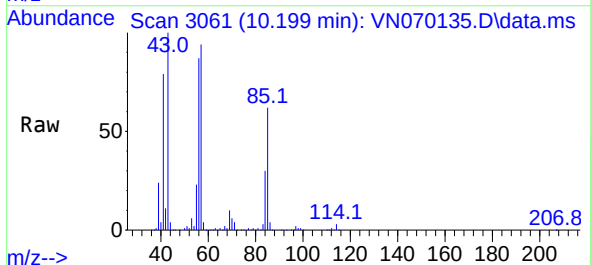
Instrument :
MSVOA_N
ClientSampleId :

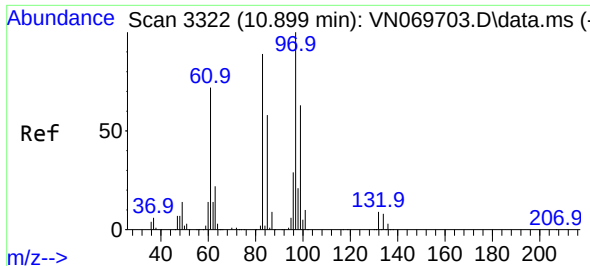
Tgt Ion: 75 Resp: 392
Ion Ratio Lower Upper
75 100
77 356.8 25.6 38.4#



#54
cis-1,3-Dichloropropene
Concen: 2.016 ug/l
RT: 10.199 min Scan# 3061
Delta R.T. 0.008 min
Lab File: VN070135.D
Acq: 16 Dec 2021 14:06

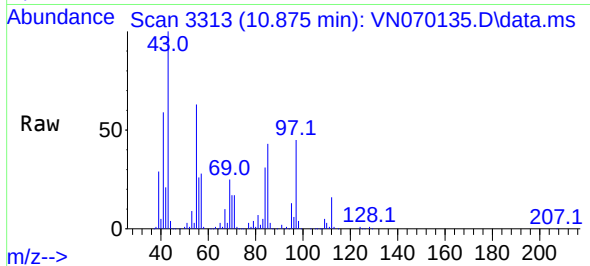
Tgt Ion: 75 Resp: 518
Ion Ratio Lower Upper
75 100
77 541.5 26.4 39.6#
39 28751.8 42.5 63.7#



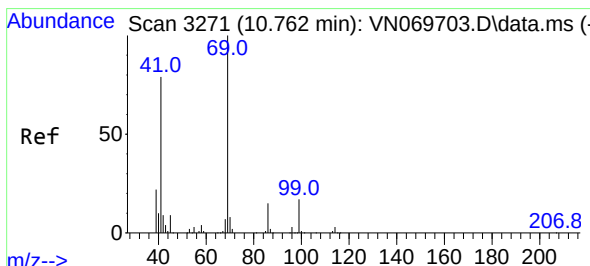
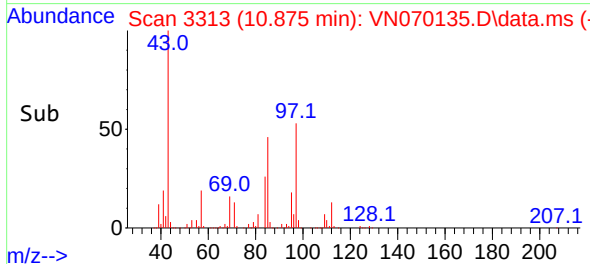
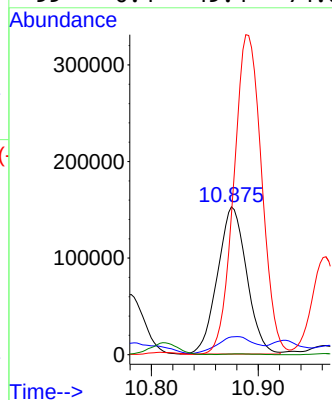


#55
1,1,2-Trichloroethane
Concen: 17.586 ug/l
RT: 10.875 min Scan# 31
Delta R.T. -0.024 min
Lab File: VN070135.D
Acq: 16 Dec 2021 14:06

Instrument :
MSVOA_N
ClientSampleId :

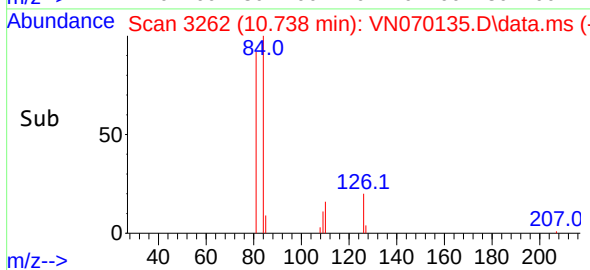
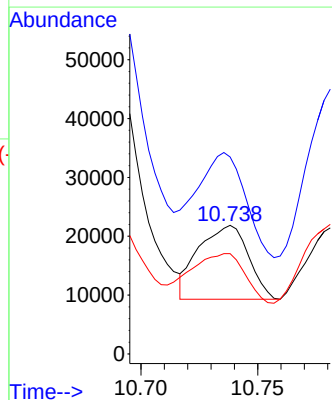
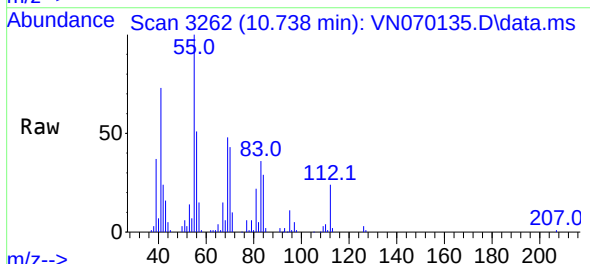


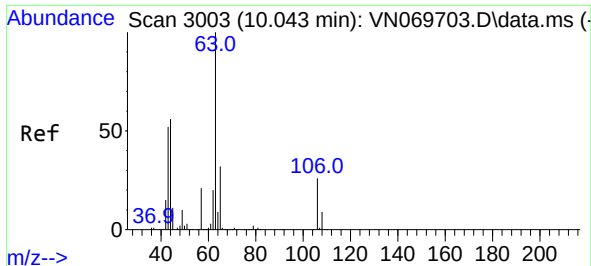
Tgt Ion: 97 Resp: 288556
Ion Ratio Lower Upper
97 100
83 10.0 67.8 101.6#
85 94.0 45.4 68.2#
99 0.4 49.4 74.0#



#56
Ethyl methacrylate
Concen: 2.853 ug/l
RT: 10.738 min Scan# 3262
Delta R.T. -0.024 min
Lab File: VN070135.D
Acq: 16 Dec 2021 14:06

Tgt Ion: 69 Resp: 18608
Ion Ratio Lower Upper
69 100
41 0.0 51.4 77.0#
39 0.0 34.6 52.0#

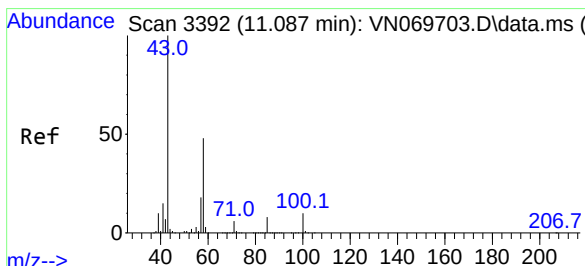
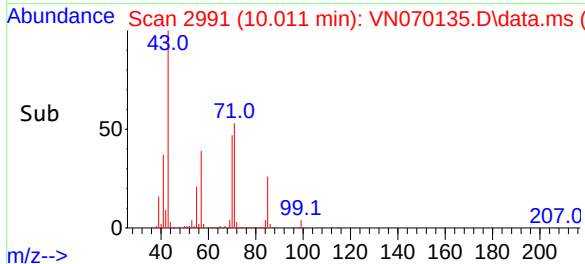
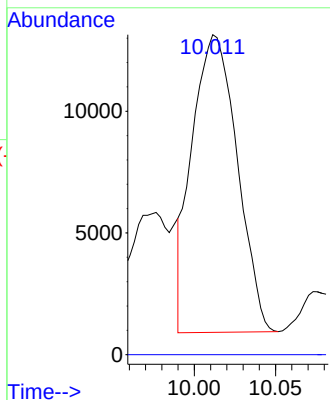
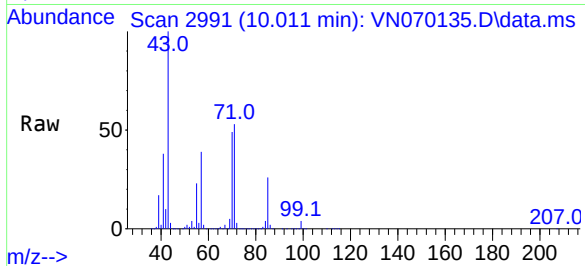




#58
2-Chloroethyl Vinyl ether
Concen: 21.001 ug/l
RT: 10.011 min Scan# 2991
Delta R.T. -0.032 min
Lab File: VN070135.D
Acq: 16 Dec 2021 14:06

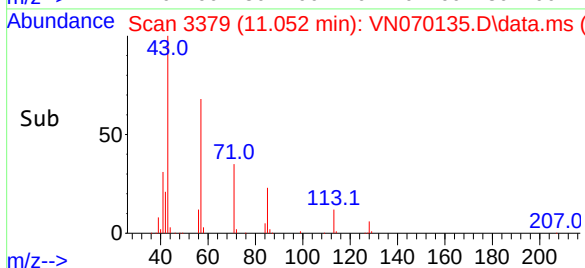
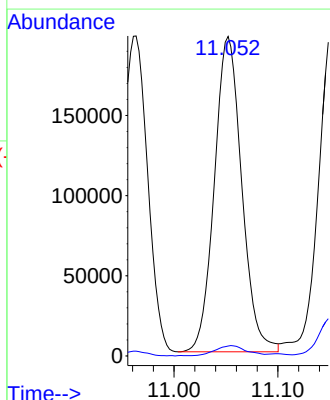
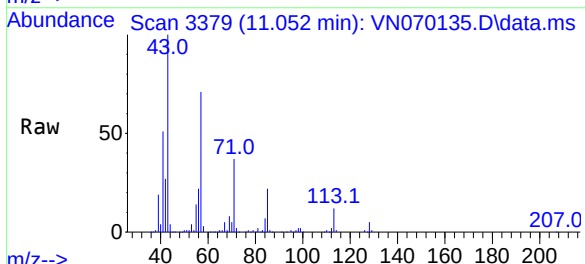
Instrument :
MSVOA_N
ClientSampleId :

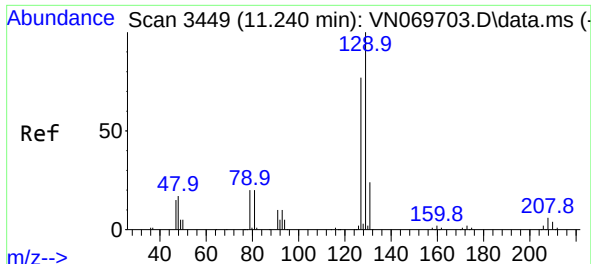
Tgt Ion: 63 Resp: 23572
Ion Ratio Lower Upper
63 100
106 0.0 23.9 35.9#



#59
2-Hexanone
Concen: 15.303 ug/l
RT: 11.052 min Scan# 3379
Delta R.T. -0.035 min
Lab File: VN070135.D
Acq: 16 Dec 2021 14:06

Tgt Ion: 43 Resp: 360454
Ion Ratio Lower Upper
43 100
58 3.5 26.9 80.7#

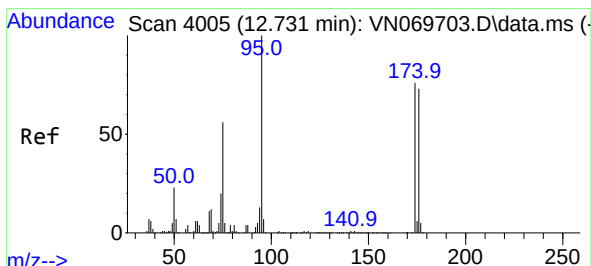
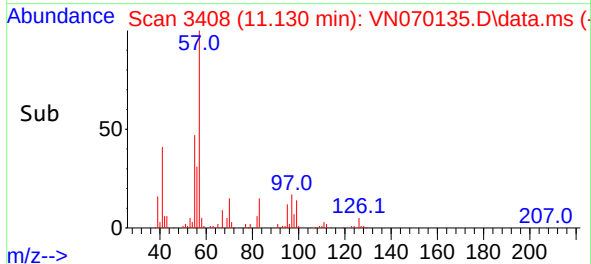
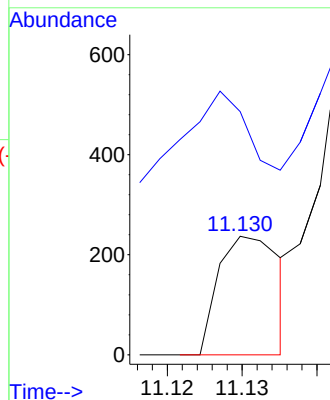
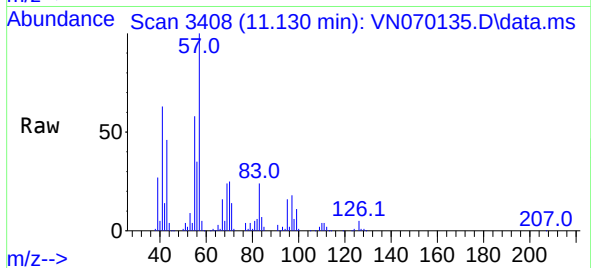




#60
Dibromochloromethane
Concen: 2.384 ug/l
RT: 11.130 min Scan# 34
Delta R.T. -0.110 min
Lab File: VN070135.D
Acq: 16 Dec 2021 14:06

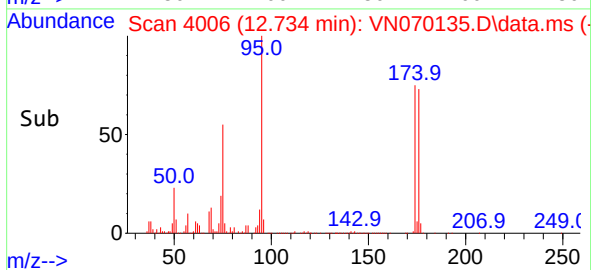
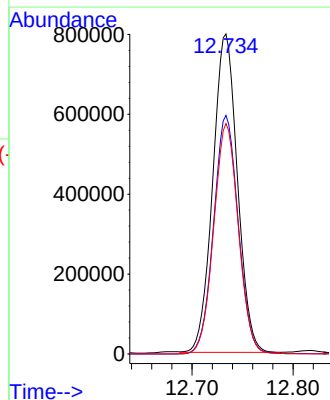
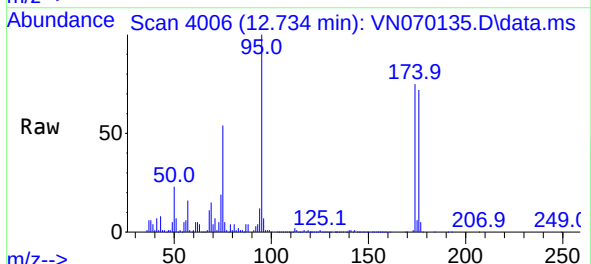
Instrument :
MSVOA_N
ClientSampleId :

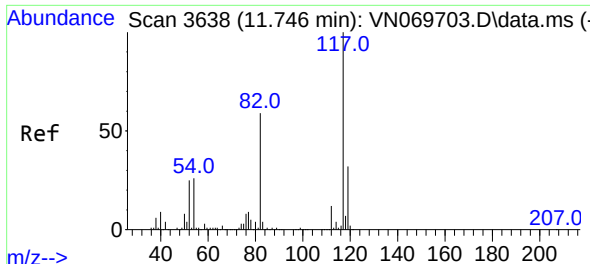
Tgt Ion:129 Resp: 135
Ion Ratio Lower Upper
129 100
127 94.8 38.6 116.0



#62
4-Bromofluorobenzene
Concen: 64.680 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.003 min
Lab File: VN070135.D
Acq: 16 Dec 2021 14:06

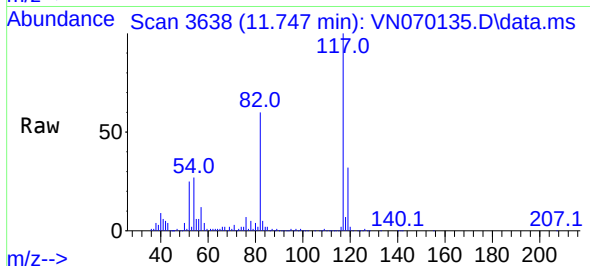
Tgt Ion: 95 Resp: 1349097
Ion Ratio Lower Upper
95 100
174 75.0 0.0 187.2
176 72.3 0.0 181.4





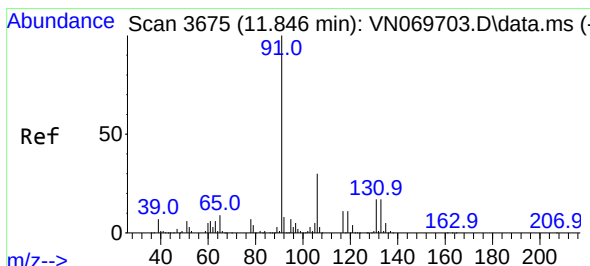
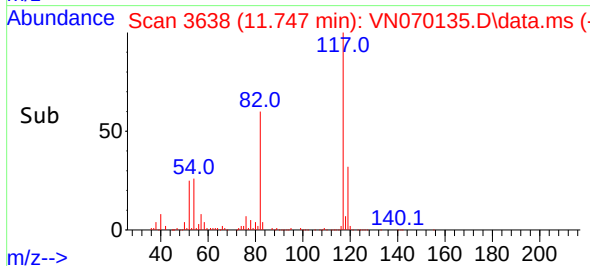
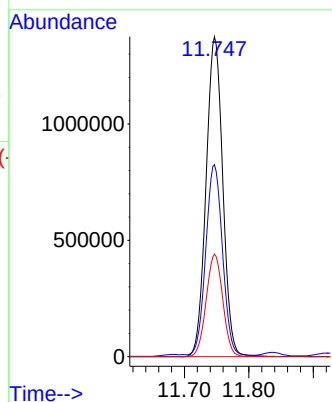
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.001 min
Lab File: VN070135.D
Acq: 16 Dec 2021 14:06

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:117 Resp: 2474623

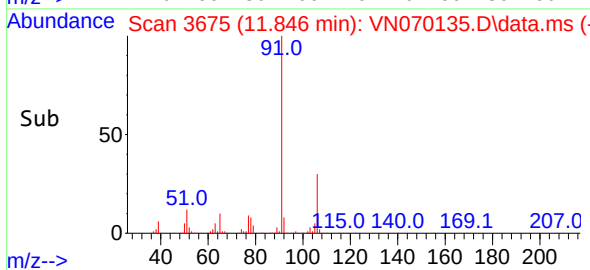
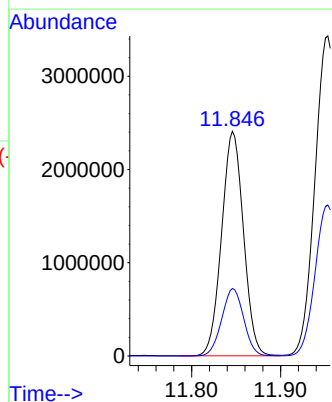
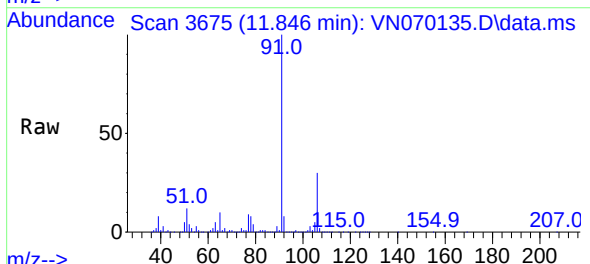
Ion	Ratio	Lower	Upper
117	100		
82	59.4	42.4	63.6
119	32.0	25.4	38.2

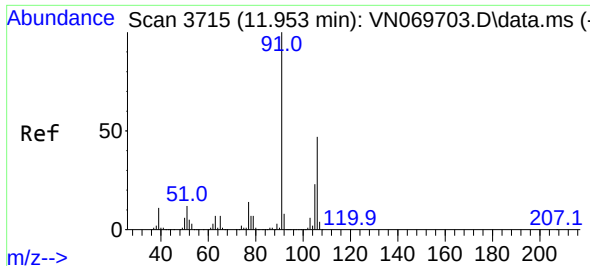


#67
Ethyl Benzene
Concen: 45.148 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. 0.000 min
Lab File: VN070135.D
Acq: 16 Dec 2021 14:06

Tgt Ion: 91 Resp: 4117128

Ion	Ratio	Lower	Upper
91	100		
106	30.1	25.7	38.5

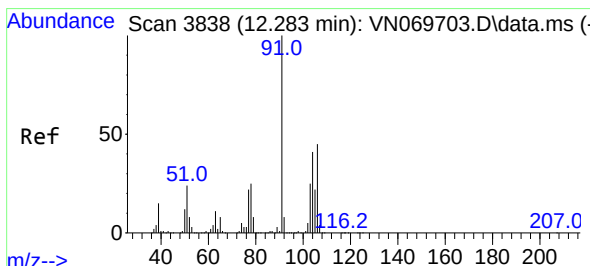
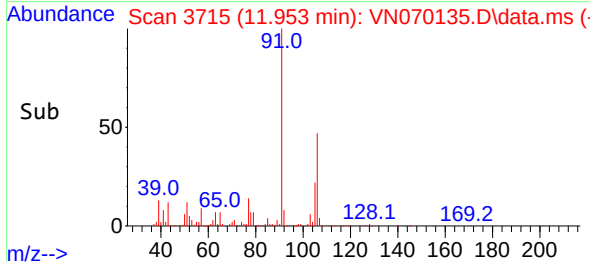
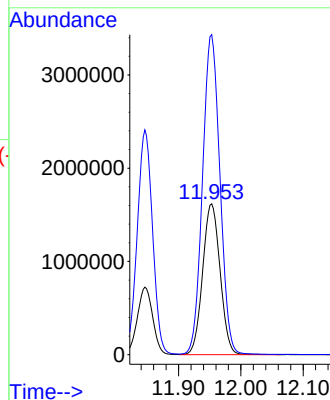
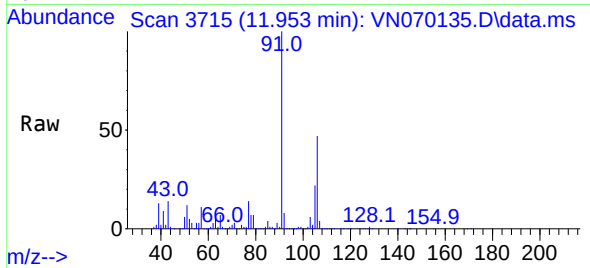




#68
m/p-Xylenes
Concen: 94.594 ug/l
RT: 11.953 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN070135.D
Acq: 16 Dec 2021 14:06

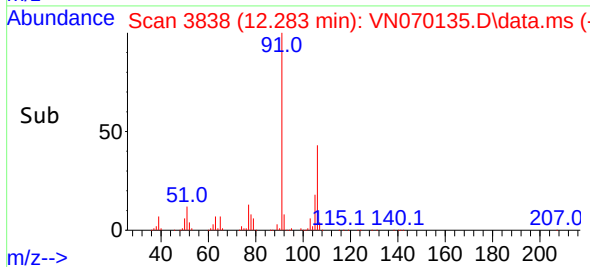
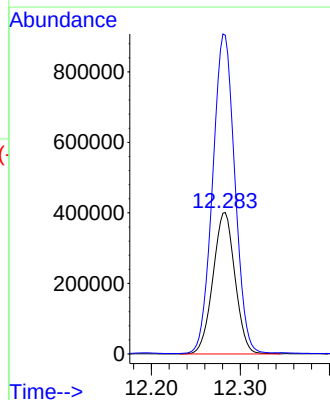
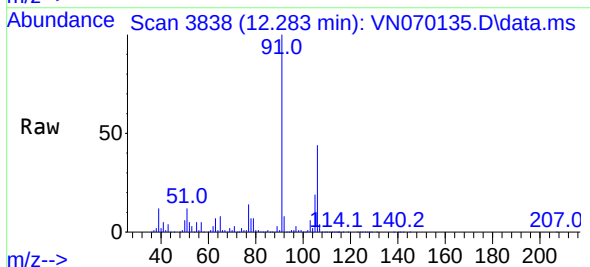
Instrument :
MSVOA_N
ClientSampleId :

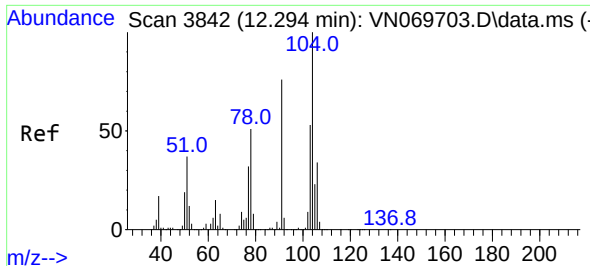
Tgt Ion:106 Resp: 3140892
Ion Ratio Lower Upper
106 100
91 211.8 160.6 240.8



#69
o-Xylene
Concen: 20.637 ug/l
RT: 12.283 min Scan# 3838
Delta R.T. 0.000 min
Lab File: VN070135.D
Acq: 16 Dec 2021 14:06

Tgt Ion:106 Resp: 690198
Ion Ratio Lower Upper
106 100
91 227.5 105.8 317.3

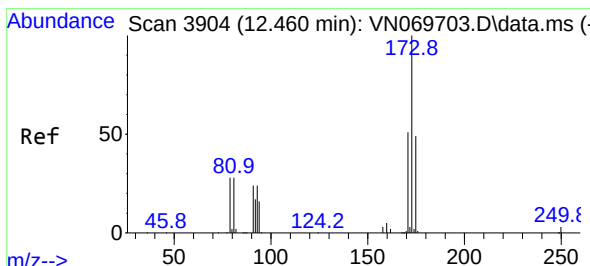
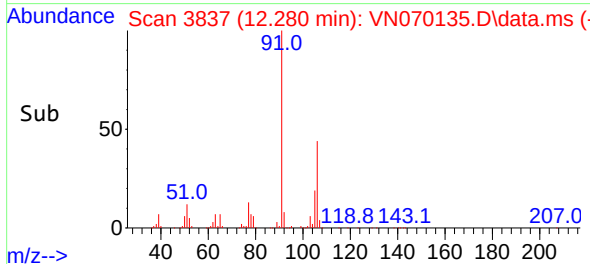
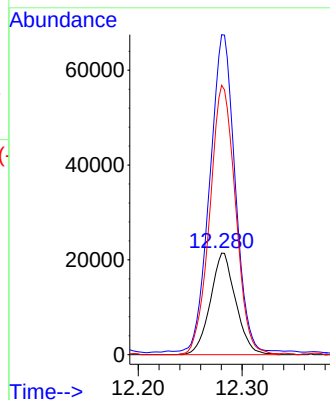
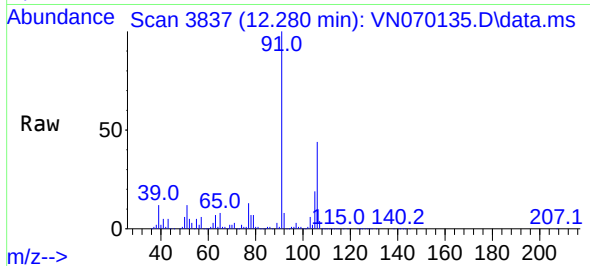




#70
Styrene
Concen: 0.686 ug/l
RT: 12.280 min Scan# 31
Delta R.T. -0.014 min
Lab File: VN070135.D
Acq: 16 Dec 2021 14:06

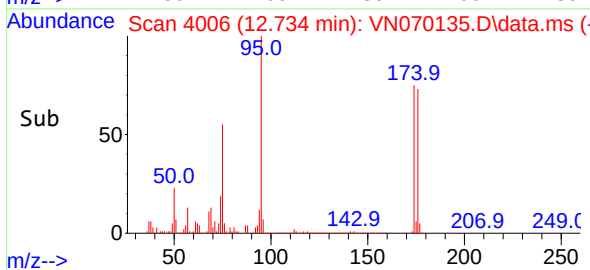
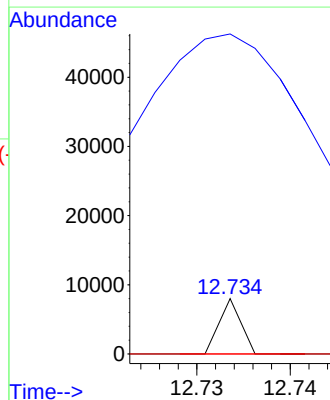
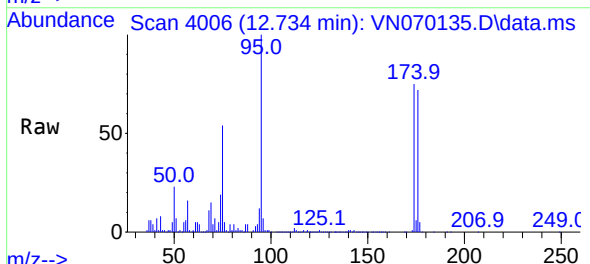
Instrument :
MSVOA_N
ClientSampleId :

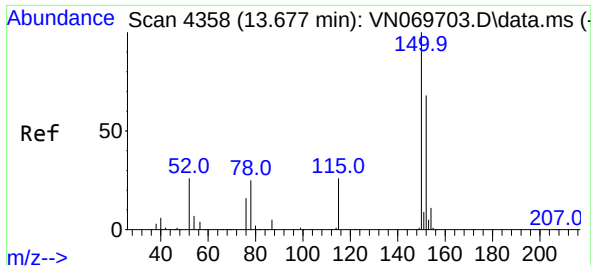
Tgt Ion:104 Resp: 36355
Ion Ratio Lower Upper
104 100
78 308.5 38.7 58.1#
103 269.3 45.0 67.6#



#71
Bromoform
Concen: 2.811 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.274 min
Lab File: VN070135.D
Acq: 16 Dec 2021 14:06

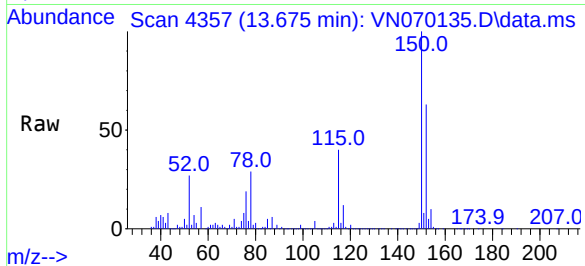
Tgt Ion:173 Resp: 1287
Ion Ratio Lower Upper
173 100
175 5723.0 24.2 72.6#
254 0.0 0.0 0.0



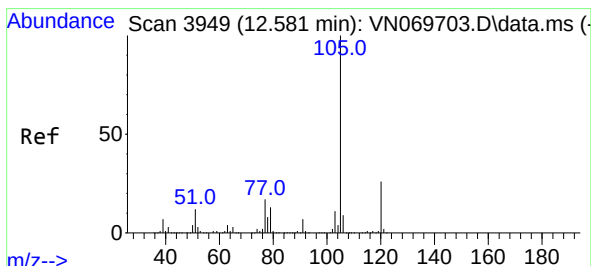
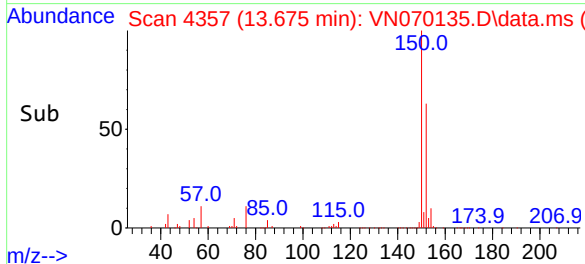
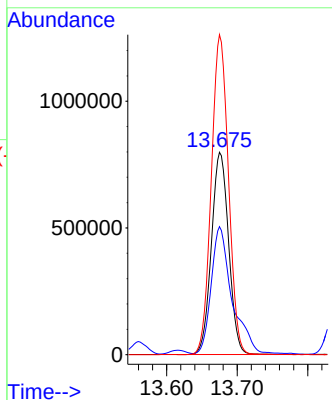


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 41
Delta R.T. -0.002 min
Lab File: VN070135.D
Acq: 16 Dec 2021 14:06

Instrument :
MSVOA_N
ClientSampleId :

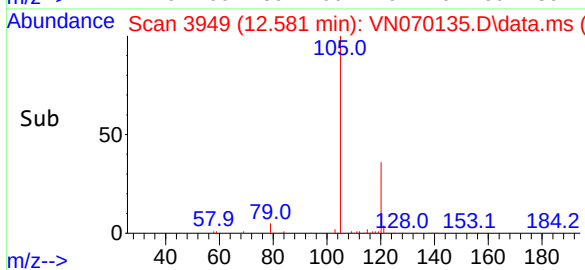
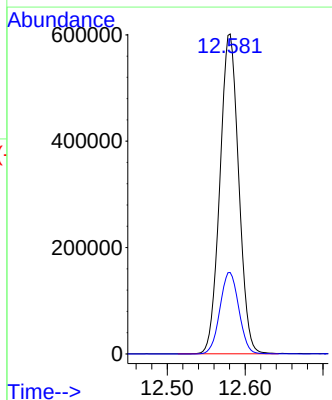
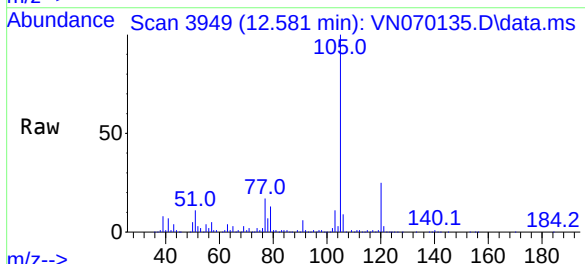


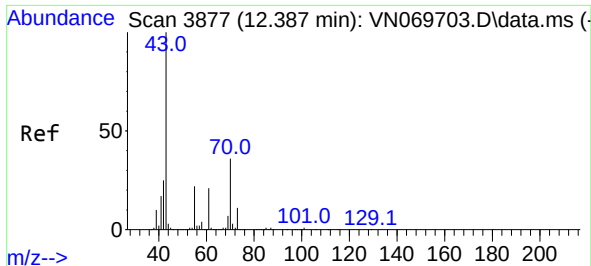
Tgt Ion:152 Resp: 1355730
Ion Ratio Lower Upper
152 100
115 75.6 27.5 82.5
150 157.4 0.0 344.4



#73
Isopropylbenzene
Concen: 8.341 ug/l
RT: 12.581 min Scan# 3949
Delta R.T. 0.000 min
Lab File: VN070135.D
Acq: 16 Dec 2021 14:06

Tgt Ion:105 Resp: 1006088
Ion Ratio Lower Upper
105 100
120 25.6 13.4 40.1

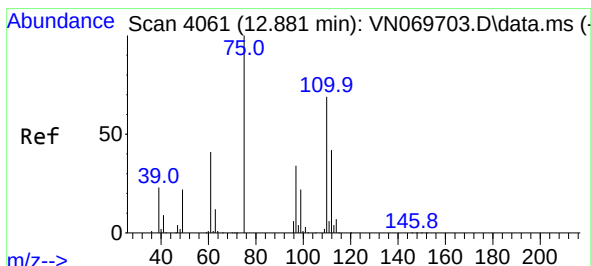
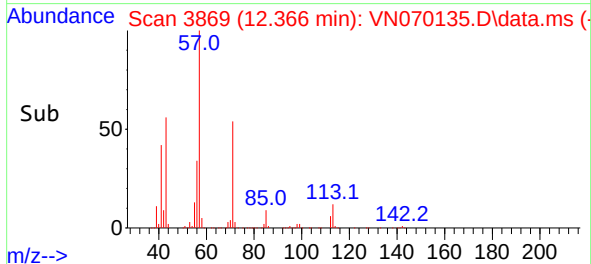
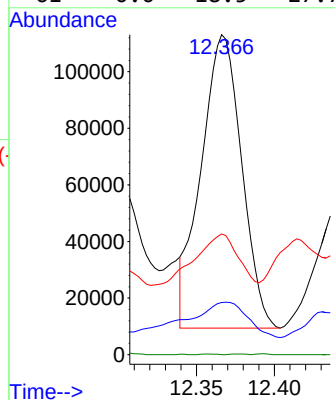
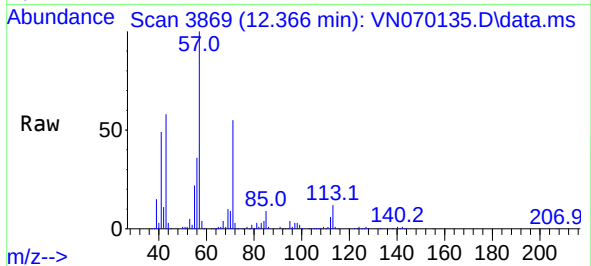




#74
N-amy1 acetate
Concen: 3.521 ug/l
RT: 12.366 min Scan# 3869
Delta R.T. -0.021 min
Lab File: VN070135.D
Acq: 16 Dec 2021 14:06

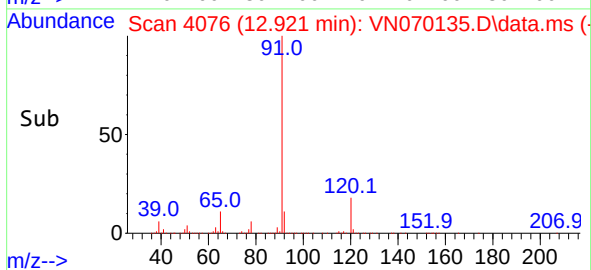
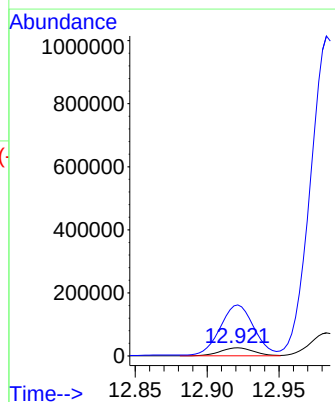
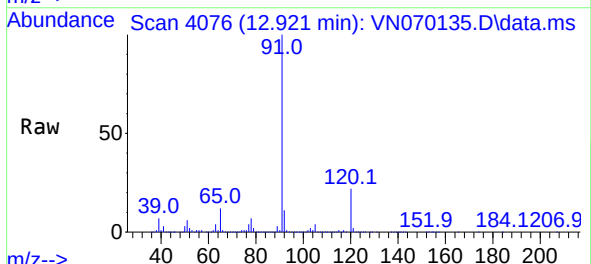
Instrument :
MSVOA_N
ClientSampleId :

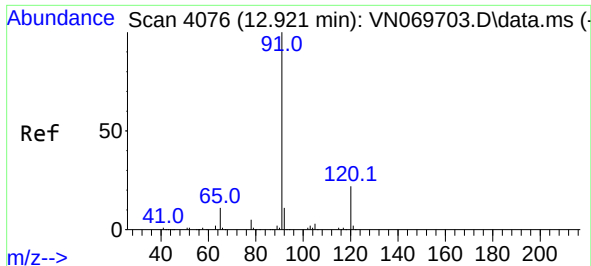
Tgt Ion: 43 Resp: 187815
Ion Ratio Lower Upper
43 100
70 19.1 33.4 50.0#
55 16.1 19.3 28.9#
61 0.0 18.5 27.7#



#76
1,2,3-Trichloropropane
Concen: 1.069 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.040 min
Lab File: VN070135.D
Acq: 16 Dec 2021 14:06

Tgt Ion: 75 Resp: 41562
Ion Ratio Lower Upper
75 100
77 617.6 82.6 247.8#

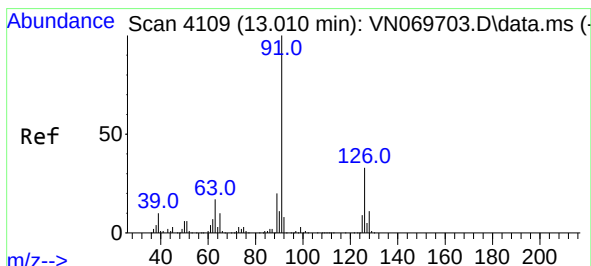
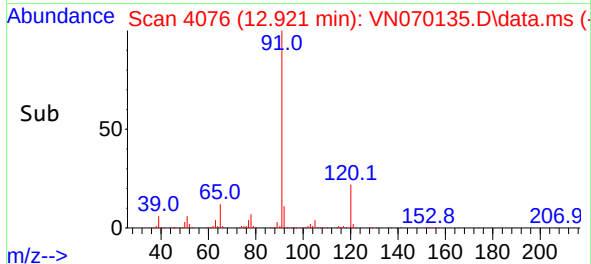
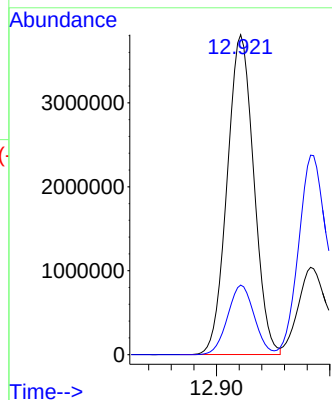
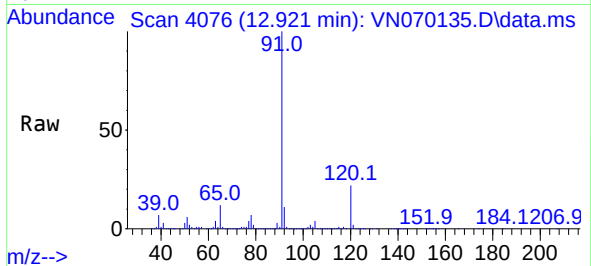




#78
n-propylbenzene
Concen: 46.329 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.000 min
Lab File: VN070135.D
Acq: 16 Dec 2021 14:06

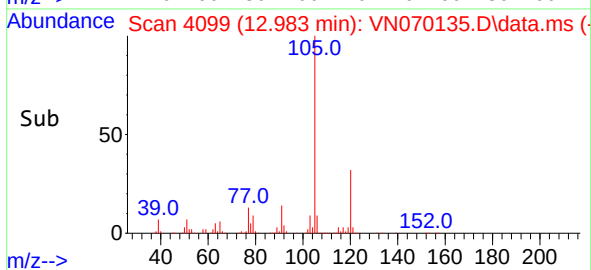
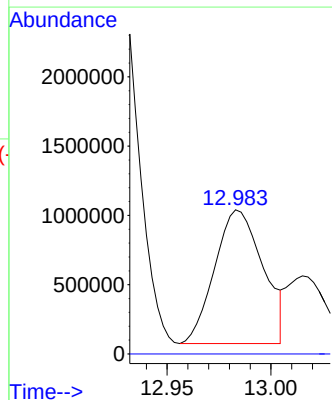
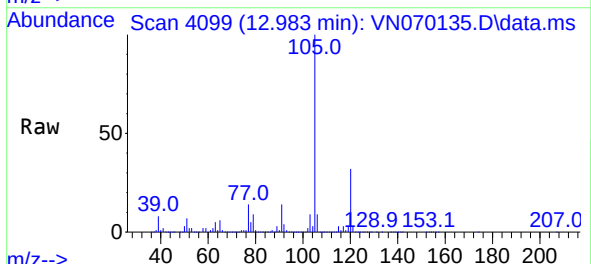
Instrument :
MSVOA_N
ClientSampleId :

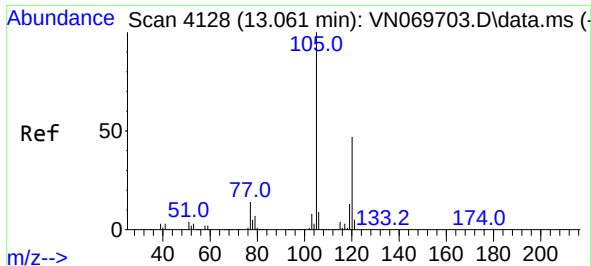
Tgt Ion: 91 Resp: 6218524
Ion Ratio Lower Upper
91 100
120 21.7 11.9 35.9



#79
2-Chlorotoluene
Concen: 18.493 ug/l
RT: 12.983 min Scan# 4099
Delta R.T. -0.027 min
Lab File: VN070135.D
Acq: 16 Dec 2021 14:06

Tgt Ion: 91 Resp: 1568454
Ion Ratio Lower Upper
91 100
126 0.1 18.3 54.8#

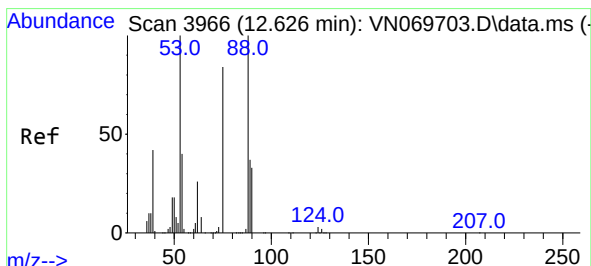
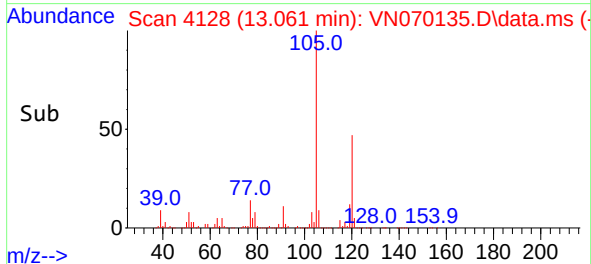
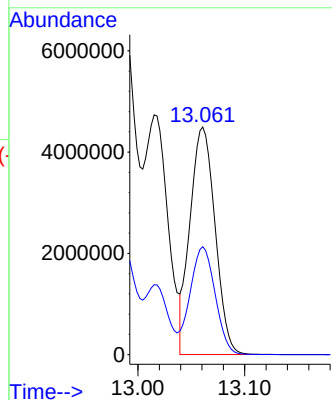
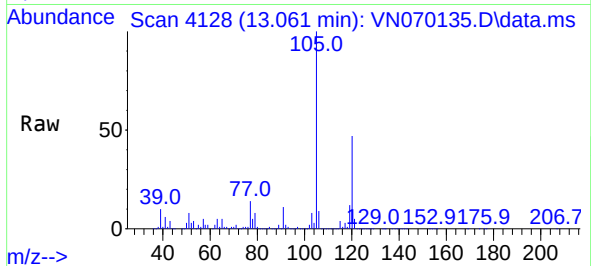




#80
1,3,5-Trimethylbenzene
Concen: 75.406 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. 0.000 min
Lab File: VN070135.D
Acq: 16 Dec 2021 14:06

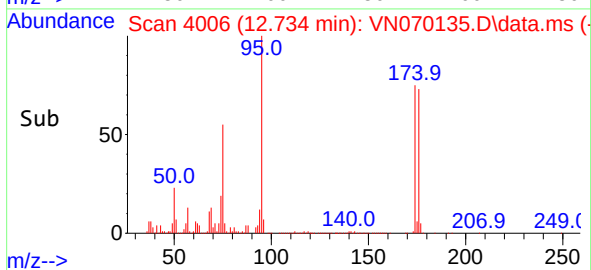
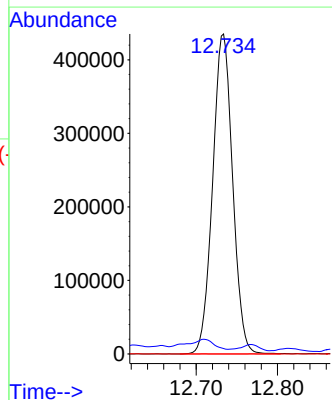
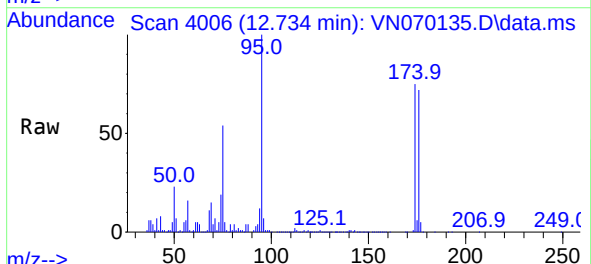
Instrument :
MSVOA_N
ClientSampleId :

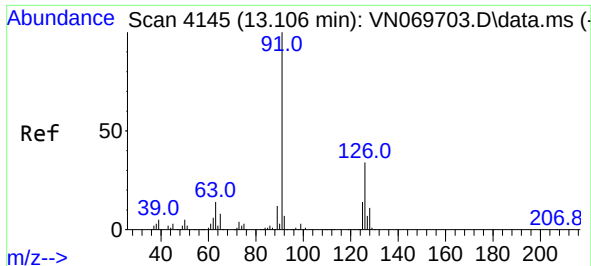
Tgt Ion:105 Resp: 7320929
Ion Ratio Lower Upper
105 100
120 47.9 24.6 73.6



#81
trans-1,4-Dichloro-2-butene
Concen: 61.590 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.108 min
Lab File: VN070135.D
Acq: 16 Dec 2021 14:06

Tgt Ion: 75 Resp: 743816
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 38.2 57.4#

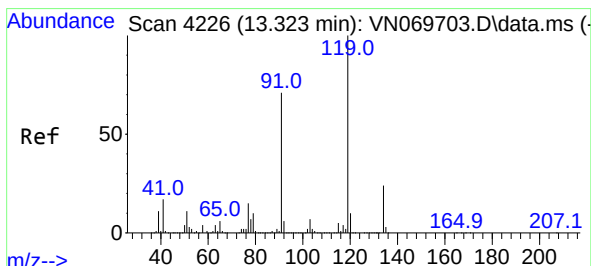
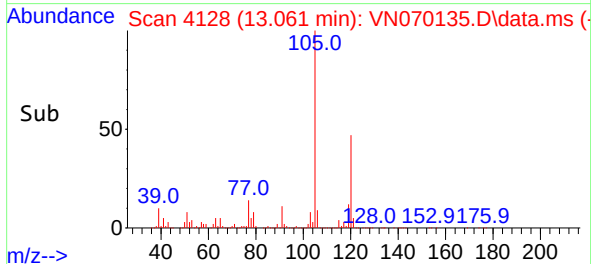
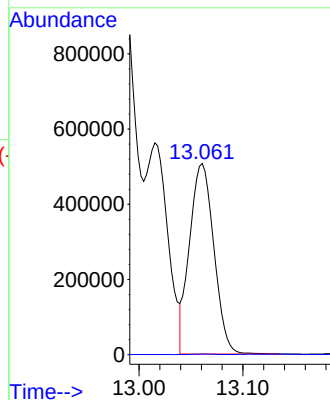
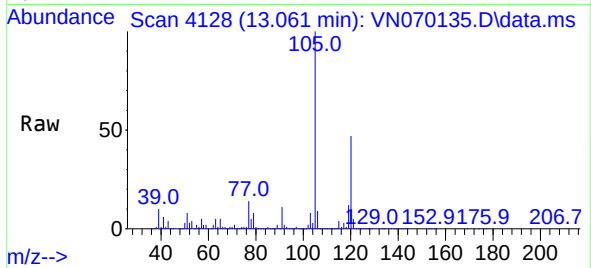




#82
4-Chlorotoluene
Concen: 10.308 ug/l
RT: 13.061 min Scan# 4145
Delta R.T. -0.045 min
Lab File: VN070135.D
Acq: 16 Dec 2021 14:06

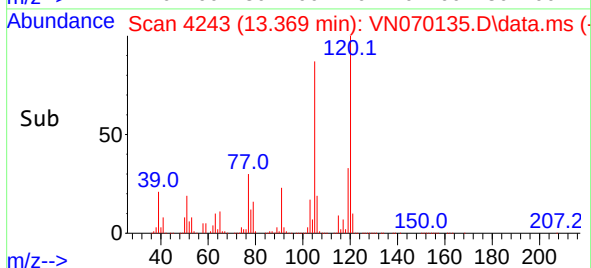
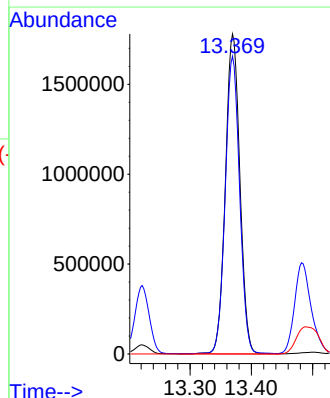
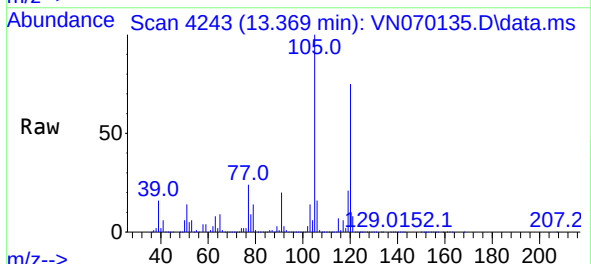
Instrument :
MSVOA_N
ClientSampleId :

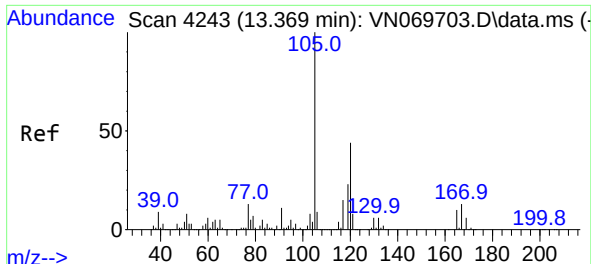
Tgt Ion: 91 Resp: 822186
Ion Ratio Lower Upper
91 100
126 0.3 18.2 54.6#



#83
tert-Butylbenzene
Concen: 33.861 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. 0.046 min
Lab File: VN070135.D
Acq: 16 Dec 2021 14:06

Tgt Ion: 119 Resp: 2910934
Ion Ratio Lower Upper
119 100
91 92.5 31.5 94.5
134 0.0 12.4 37.4#

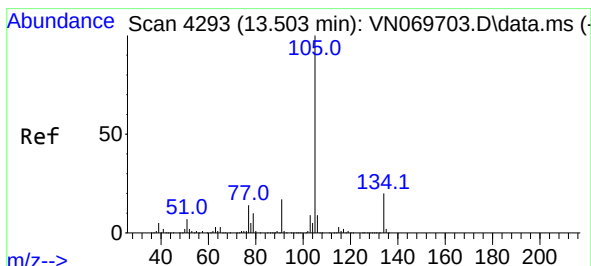
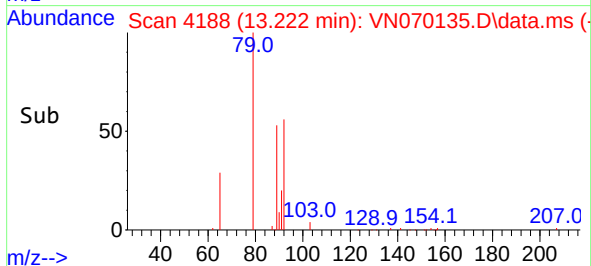
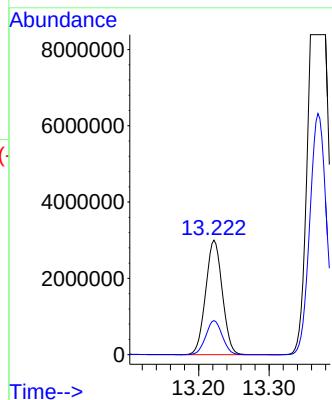
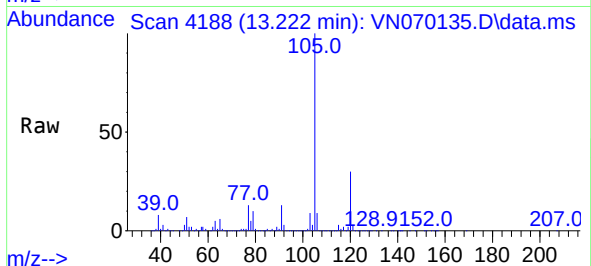




#84
1,2,4-Trimethylbenzene
Concen: 53.195 ug/l
RT: 13.222 min Scan# 4188
Delta R.T. -0.147 min
Lab File: VN070135.D
Acq: 16 Dec 2021 14:06

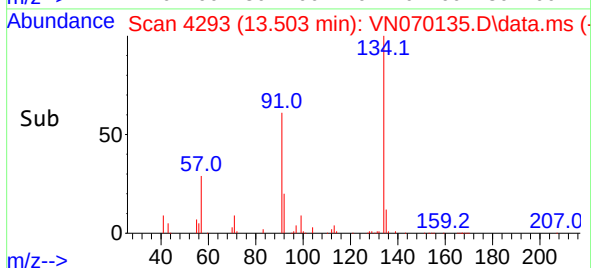
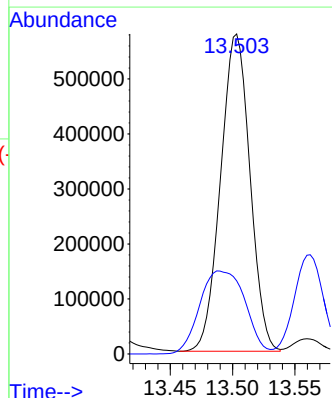
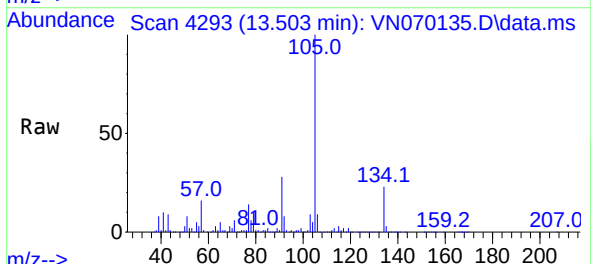
Instrument :
MSVOA_N
ClientSampleId :

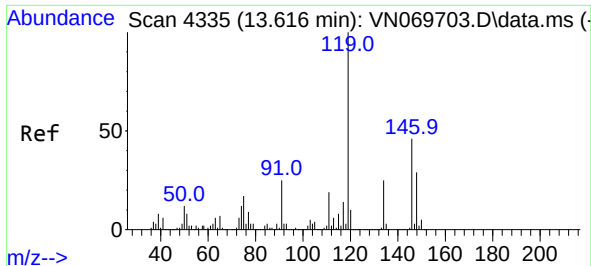
Tgt Ion:105 Resp: 4918477
Ion Ratio Lower Upper
105 100
120 29.6 22.8 68.4



#85
sec-Butylbenzene
Concen: 8.111 ug/l
RT: 13.503 min Scan# 4293
Delta R.T. 0.000 min
Lab File: VN070135.D
Acq: 16 Dec 2021 14:06

Tgt Ion:105 Resp: 945740
Ion Ratio Lower Upper
105 100
134 40.3 10.4 31.1#

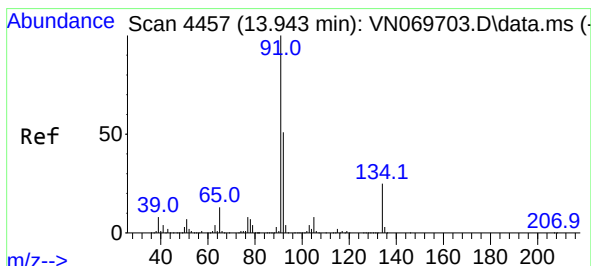
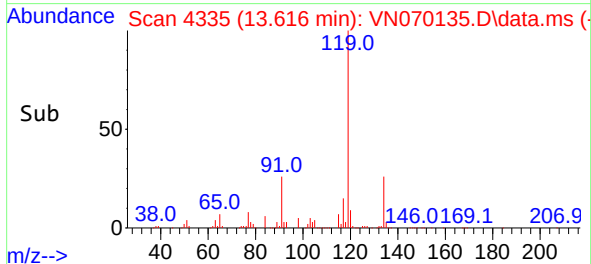
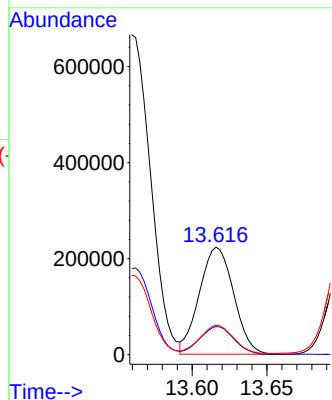
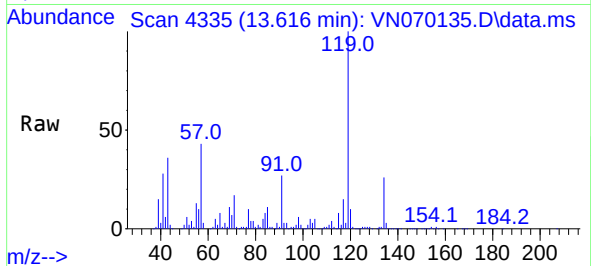




#86
p-Isopropyltoluene
Concen: 3.904 ug/l
RT: 13.616 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN070135.D
Acq: 16 Dec 2021 14:06

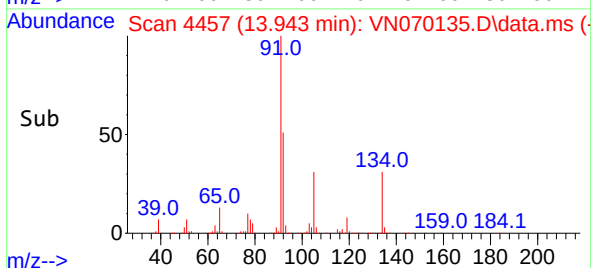
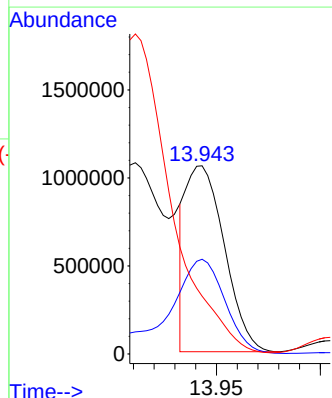
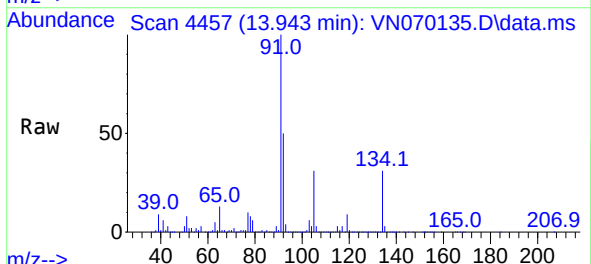
Instrument :
MSVOA_N
ClientSampleId :

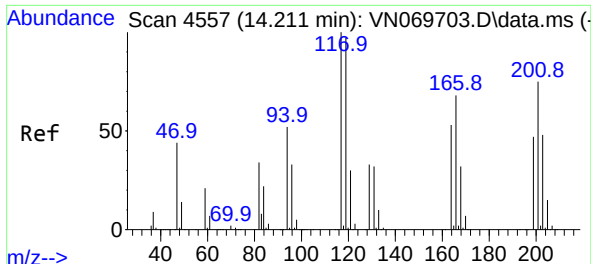
Tgt Ion:119 Resp: 355846
Ion Ratio Lower Upper
119 100
134 25.9 13.6 40.7
91 25.2 11.4 34.1



#89
n-Butylbenzene
Concen: 18.455 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. 0.000 min
Lab File: VN070135.D
Acq: 16 Dec 2021 14:06

Tgt Ion: 91 Resp: 1364498
Ion Ratio Lower Upper
91 100
92 75.9 25.4 76.0
134 0.0 13.6 40.8#

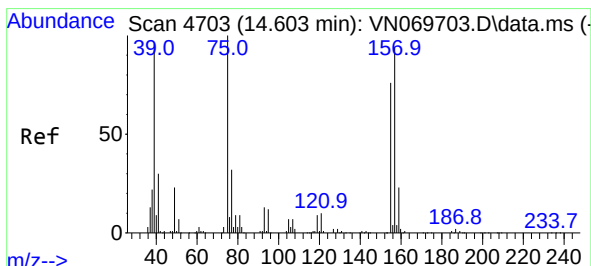
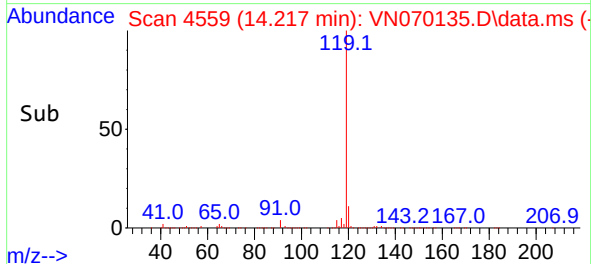
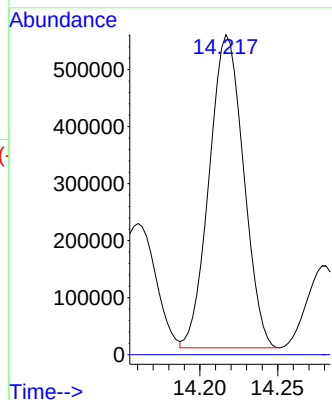
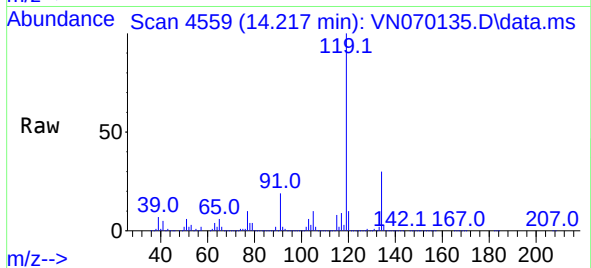




#90
Hexachloroethane
Concen: 52.573 ug/l
RT: 14.217 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN070135.D
Acq: 16 Dec 2021 14:06

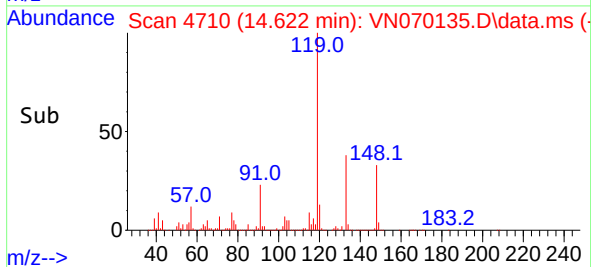
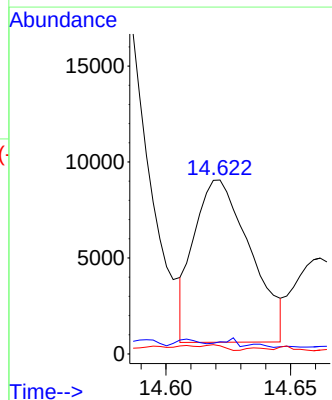
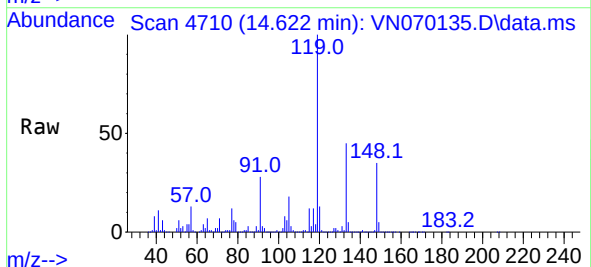
Instrument :
MSVOA_N
ClientSampleId :

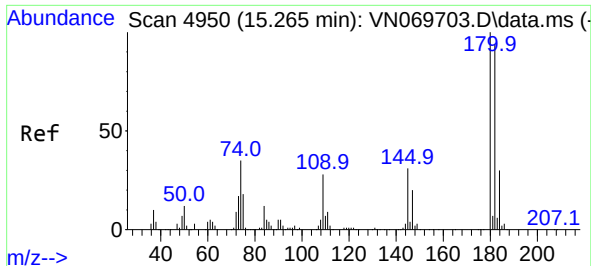
Tgt Ion:117 Resp: 841306
Ion Ratio Lower Upper
117 100
201 0.0 43.9 131.6#



#92
1,2-Dibromo-3-Chloropropane
Concen: 1.763 ug/l
RT: 14.622 min Scan# 4710
Delta R.T. 0.019 min
Lab File: VN070135.D
Acq: 16 Dec 2021 14:06

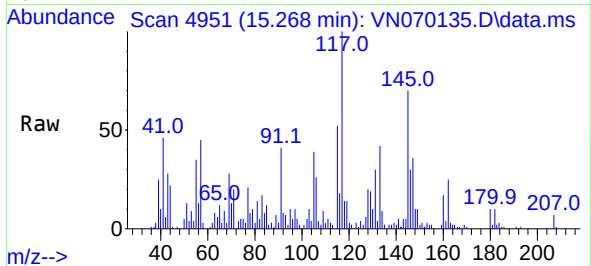
Tgt Ion: 75 Resp: 13290
Ion Ratio Lower Upper
75 100
155 1.4 46.9 140.7#
157 0.0 60.6 181.7#



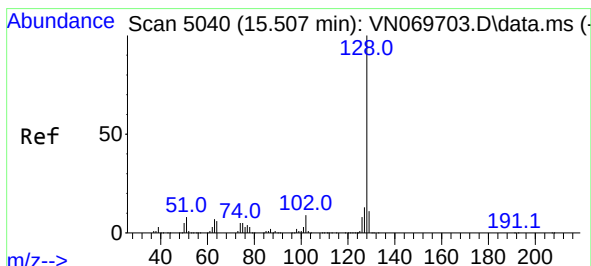
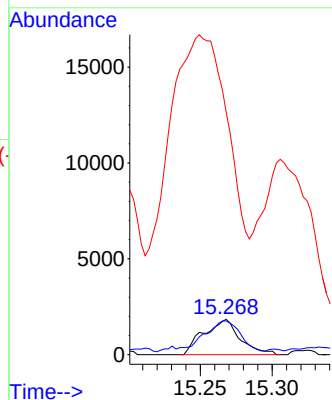
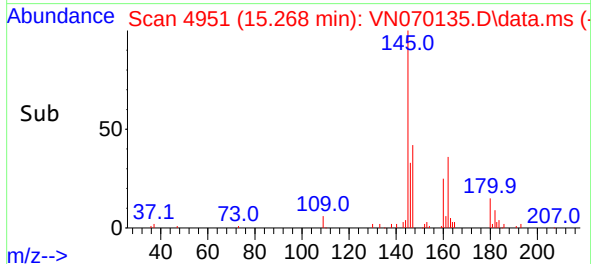


#93
1,2,4-Trichlorobenzene
Concen: 3.015 ug/l
RT: 15.268 min Scan# 4950
Delta R.T. 0.003 min
Lab File: VN070135.D
Acq: 16 Dec 2021 14:06

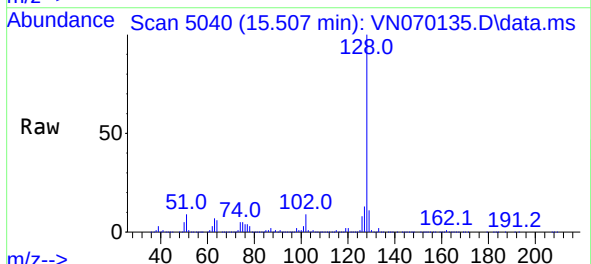
Instrument :
MSVOA_N
ClientSampleId :



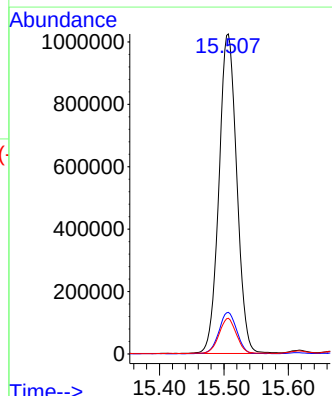
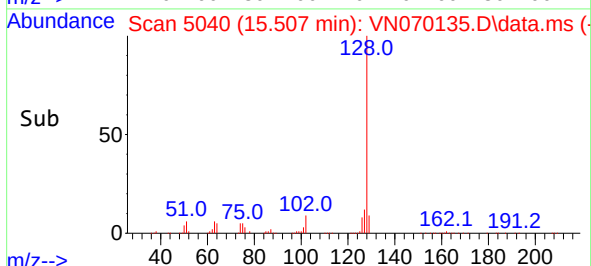
Tgt Ion:180 Resp: 3237
Ion Ratio Lower Upper
180 100
182 81.0 48.3 144.9
145 1488.7 14.5 43.5#

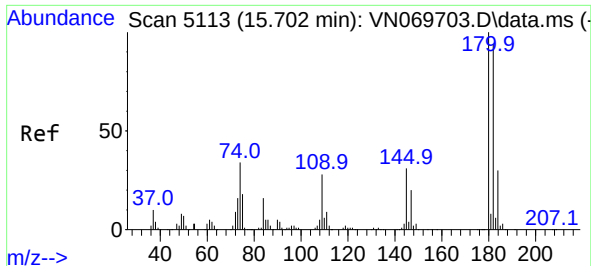


#95
Naphthalene
Concen: 31.253 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN070135.D
Acq: 16 Dec 2021 14:06



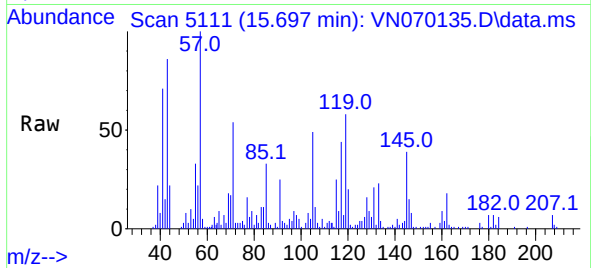
Tgt Ion:128 Resp: 1963100
Ion Ratio Lower Upper
128 100
127 13.1 10.5 15.7
129 10.8 8.7 13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 2.561 ug/l
 RT: 15.697 min Scan# 51
 Delta R.T. -0.005 min
 Lab File: VN070135.D
 Acq: 16 Dec 2021 14:06

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:180 Resp: 2853
 Ion Ratio Lower Upper
 180 100
 182 58.0 47.4 142.2
 145 0.0 15.0 45.1#

