

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121621\
 Data File : VN070132.D
 Acq On : 16 Dec 2021 12:49
 Operator : JC/MD
 Sample : M5011-19
 Misc : 3.35g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 16 15:47:23 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	8.078	168	1071889	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	2044862	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	2193034	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	1160408	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.432	65	849442	51.326	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 102.660%	
35) Dibromofluoromethane	8.019	113	575279	44.914	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 89.820%	
50) Toluene-d8	10.441	98	2717878	52.845	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 105.700%	
62) 4-Bromofluorobenzene	12.734	95	1236746	66.377	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 132.760%	

Target Compounds				Qvalue		
10) Methyl Iodide	4.363	142	3600	0.249	ug/l #	47
11) Tert butyl alcohol	5.305	59	19307	6.172	ug/l #	72
13) Acrolein	4.025	56	2083	0.782	ug/l #	62
16) Acetone	4.310	43	9660	0.970	ug/l #	87
18) Methyl Acetate	4.870	43	12981	0.432	ug/l #	73
20) Methylene Chloride	5.058	84	5628	0.425	ug/l #	85
25) 2-Butanone	7.348	43	176070	13.016	ug/l #	89
29) Tetrahydrofuran	7.700	42	12314	1.499	ug/l #	83
31) Cyclohexane	8.075	56	34755	1.509	ug/l #	39
36) 1,1-Dichloropropene	8.075	75	91885	4.720	ug/l #	49
37) Ethyl Acetate	7.348	43	176070	6.077	ug/l #	68
38) Carbon Tetrachloride	8.075	117	109853	5.755	ug/l #	16
39) Methylcyclohexane	9.454	83	46052	1.989	ug/l #	40
47) Bromodichloromethane	9.741	83	15255	0.769	ug/l #	25
48) Methyl methacrylate	9.590	41	25147	1.257	ug/l #	30
49) 1,4-Dioxane	9.580	88	459	1.278	ug/l #	1
51) 4-Methyl-2-Pentanone	10.368	43	182541	6.563	ug/l #	77
53) t-1,3-Dichloropropene	10.722	75	1183	2.841	ug/l #	1
54) cis-1,3-Dichloropropene	10.186	75	583	2.021	ug/l #	1
55) 1,1,2-Trichloroethane	10.875	97	172286	11.754	ug/l #	29
56) Ethyl methacrylate	10.805	69	35239	3.495	ug/l #	1
58) 2-Chloroethyl Vinyl ether	10.014	63	3661	18.843	ug/l #	45
59) 2-Hexanone	11.052	43	337780	16.053	ug/l #	29
60) Dibromochloromethane	11.151	129	948	2.434	ug/l	81
67) Ethyl Benzene	11.849	91	26870	0.332	ug/l	89
68) m/p-Xylenes	11.956	106	7802	0.265	ug/l	76
71) Bromoform	12.460	173	338	2.755	ug/l #	29
73) Isopropylbenzene	12.581	105	606930	5.879	ug/l	97
74) N-amyl acetate	12.369	43	266938	5.846	ug/l #	66
75) 1,1,2,2-Tetrachloroethane	12.814	83	21309	0.597	ug/l #	1
76) 1,2,3-Trichloropropane	12.734	75	642278	19.300	ug/l #	1
78) n-propylbenzene	12.921	91	1710174	14.886	ug/l	95
79) 2-Chlorotoluene	12.921	91	1710174	23.558	ug/l #	39
80) 1,3,5-Trimethylbenzene	13.061	105	207552	2.498	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.734	75	642278	62.098	ug/l #	5
82) 4-Chlorotoluene	12.921	91	1710174	25.050	ug/l #	39

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

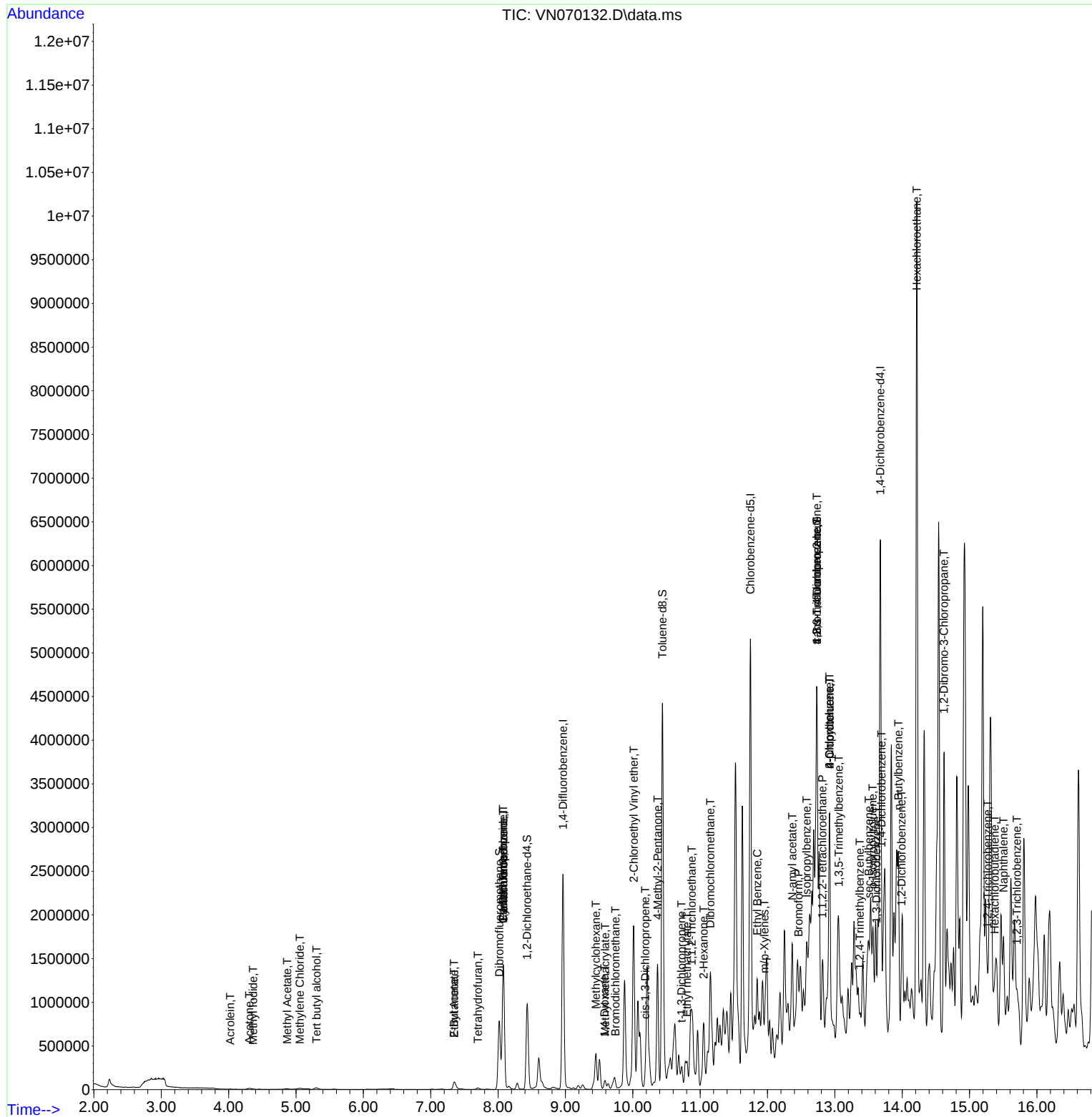
84) 1,2,4-Trimethylbenzene	13.369	105	22124	0.280	ug/l	89
85) sec-Butylbenzene	13.503	105	464318	4.652	ug/l #	61
86) p-Isopropyltoluene	13.560	119	144520	1.852	ug/l	95
87) 1,3-Dichlorobenzene	13.619	146	8777	0.220	ug/l #	76
88) 1,4-Dichlorobenzene	13.694	146	10769	0.275	ug/l #	1
89) n-Butylbenzene	13.943	91	1268464	20.044	ug/l #	76
90) Hexachloroethane	14.217	117	479849	35.033	ug/l #	6
91) 1,2-Dichlorobenzene	13.989	146	10624	0.274	ug/l #	1
92) 1,2-Dibromo-3-Chloropr...	14.619	75	11805	1.830	ug/l #	13
93) 1,2,4-Trichlorobenzene	15.268	180	24015	4.067	ug/l #	1
94) Hexachlorobutadiene	15.373	225	2092	0.203	ug/l	77
95) Naphthalene	15.504	128	761027	16.335	ug/l	96
96) 1,2,3-Trichlorobenzene	15.703	180	33840	4.171	ug/l #	79

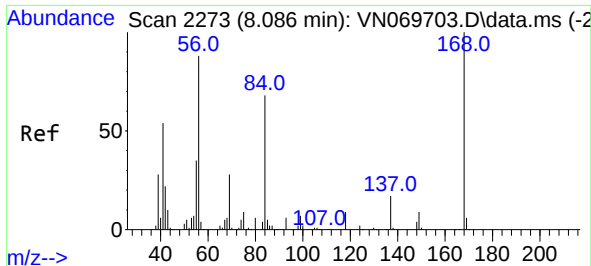
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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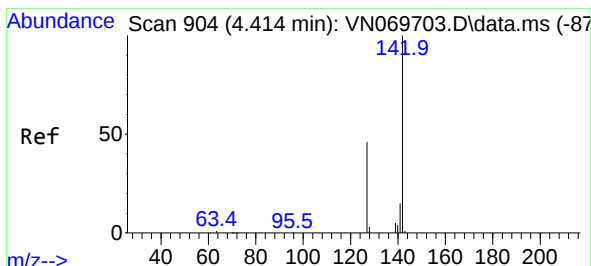
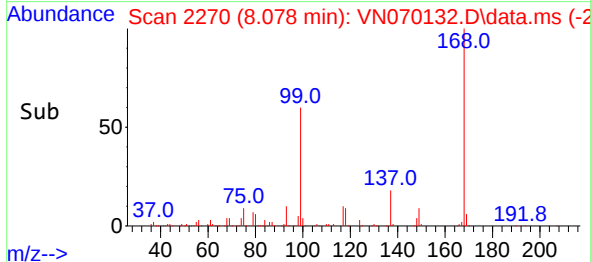
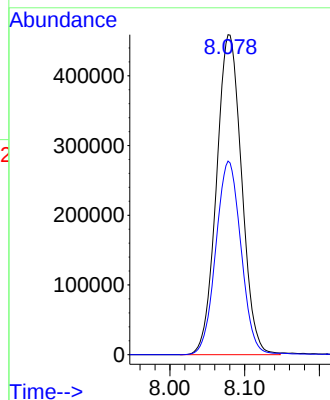
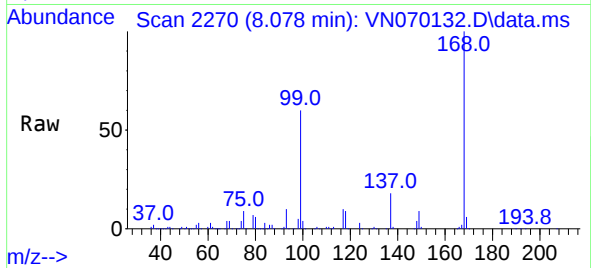




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.078 min Scan# 21
Delta R.T. -0.008 min
Lab File: VN070132.D
Acq: 16 Dec 2021 12:49

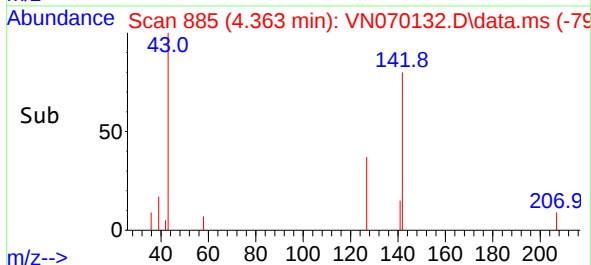
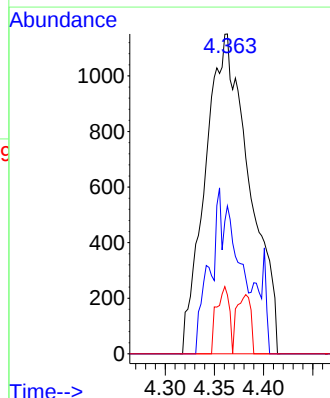
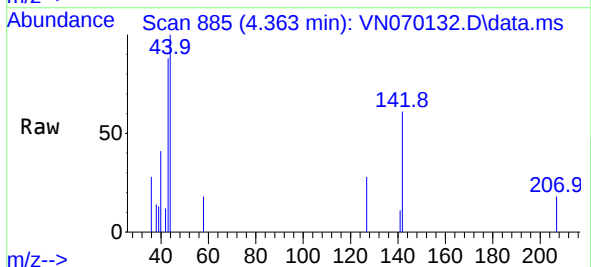
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MSVOA_N
ClientSampleId :

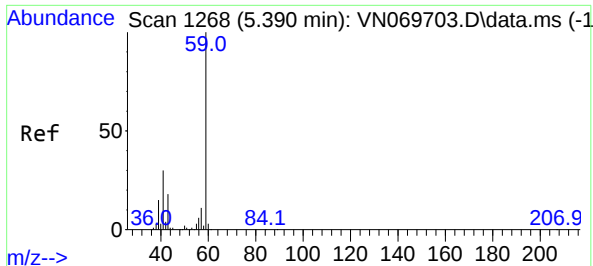
Tgt Ion:168 Resp: 1071889
Ion Ratio Lower Upper
168 100
99 60.5 41.3 61.9



#10
Methyl Iodide
Concen: 0.249 ug/l
RT: 4.363 min Scan# 885
Delta R.T. -0.051 min
Lab File: VN070132.D
Acq: 16 Dec 2021 12:49

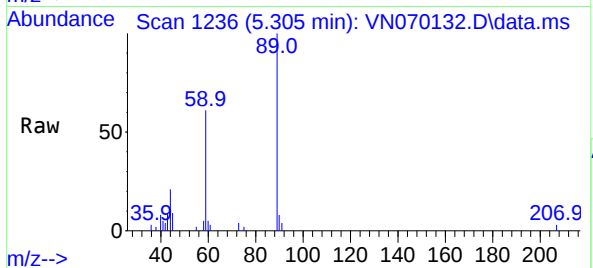
Tgt Ion:142 Resp: 3600
Ion Ratio Lower Upper
142 100
127 3.2 35.4 53.0#
141 5.9 11.6 17.4#



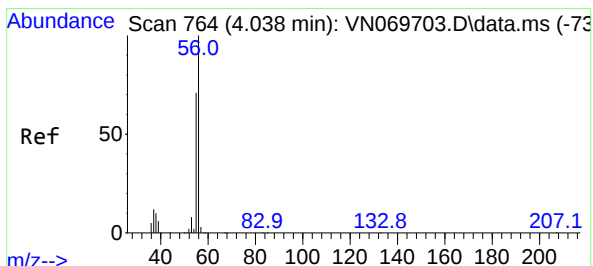
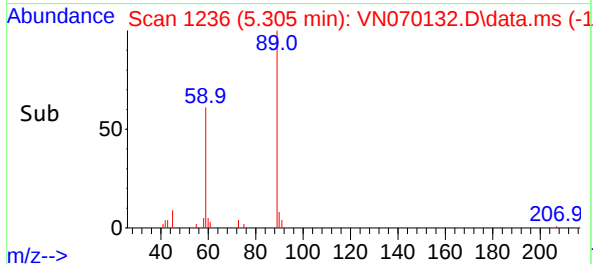
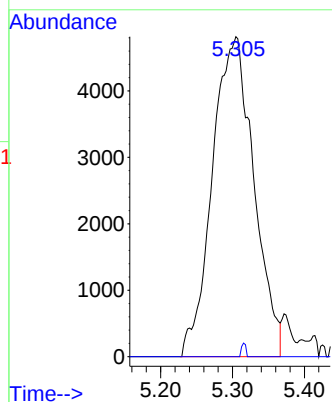


#11
Tert butyl alcohol
Concen: 6.172 ug/l
RT: 5.305 min Scan# 11
Delta R.T. -0.086 min
Lab File: VN070132.D
Acq: 16 Dec 2021 12:49

Instrument :
MSVOA_N
ClientSampleId :

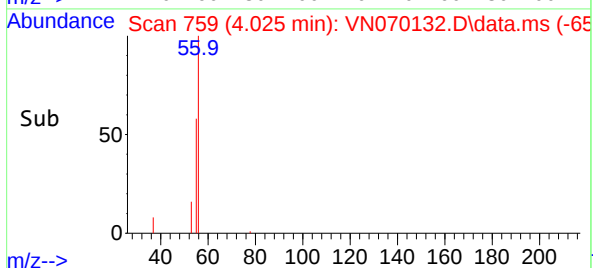
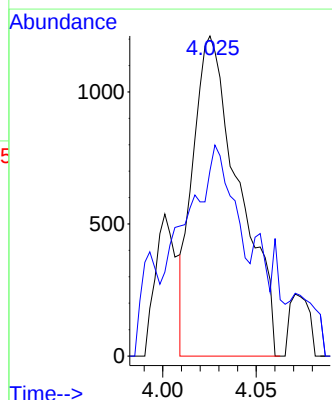
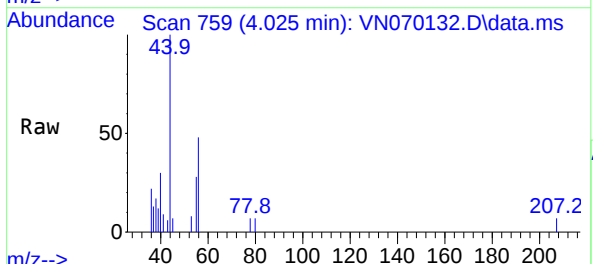


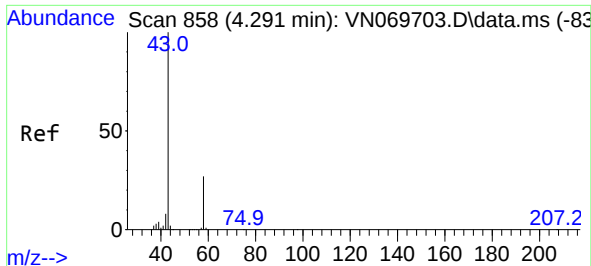
Tgt Ion: 59 Resp: 19307
Ion Ratio Lower Upper
59 100
57 0.5 8.7 13.1#



#13
Acrolein
Concen: 0.782 ug/l
RT: 4.025 min Scan# 759
Delta R.T. -0.013 min
Lab File: VN070132.D
Acq: 16 Dec 2021 12:49

Tgt Ion: 56 Resp: 2083
Ion Ratio Lower Upper
56 100
55 39.3 56.6 85.0#

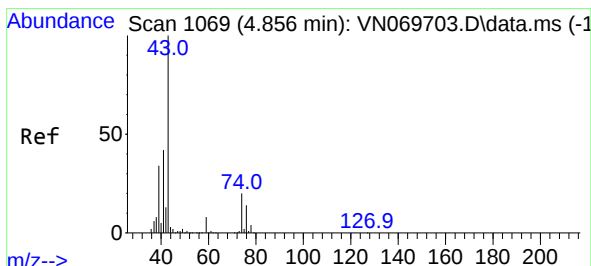
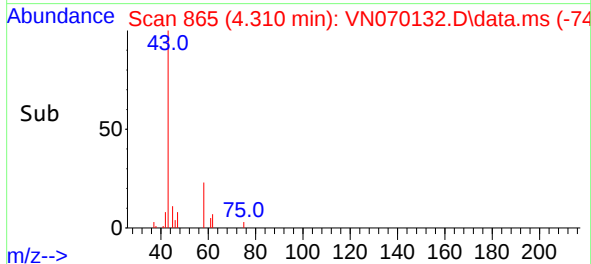
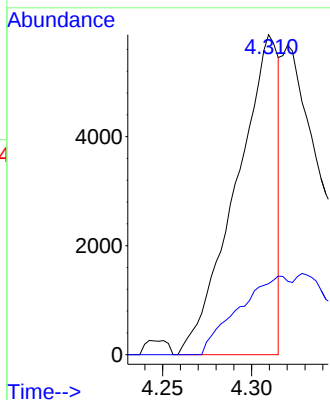
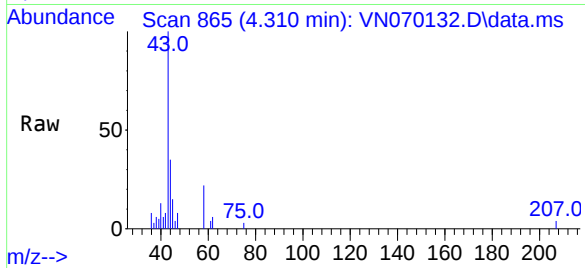




#16
Acetone
Concen: 0.970 ug/l
RT: 4.310 min Scan# 80
Delta R.T. 0.019 min
Lab File: VN070132.D
Acq: 16 Dec 2021 12:49

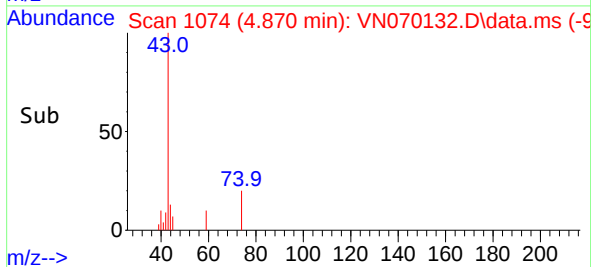
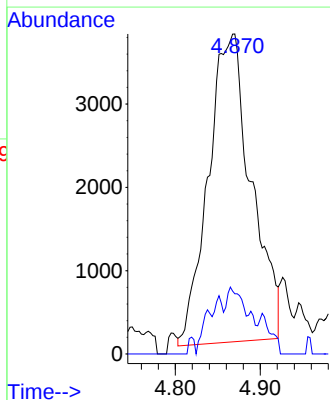
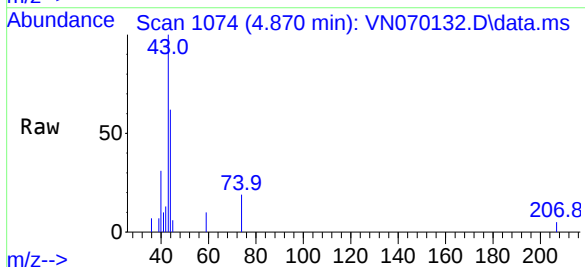
Instrument :
MSVOA_N
ClientSampleId :

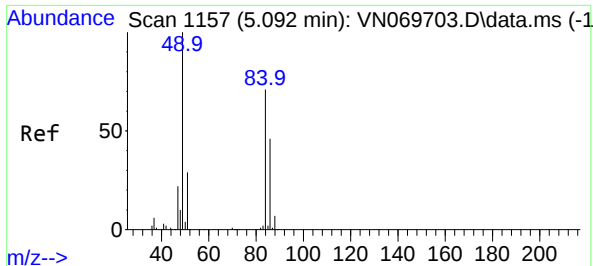
Tgt Ion: 43 Resp: 9660
Ion Ratio Lower Upper
43 100
58 22.2 23.1 34.7#



#18
Methyl Acetate
Concen: 0.432 ug/l
RT: 4.870 min Scan# 1074
Delta R.T. 0.014 min
Lab File: VN070132.D
Acq: 16 Dec 2021 12:49

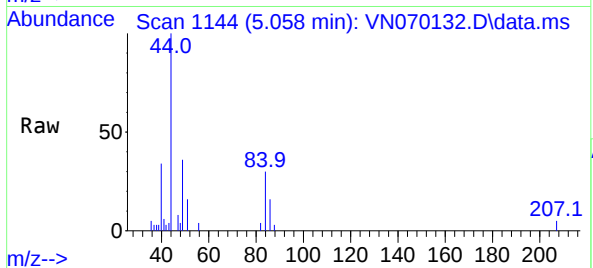
Tgt Ion: 43 Resp: 12981
Ion Ratio Lower Upper
43 100
74 10.9 19.4 29.2#



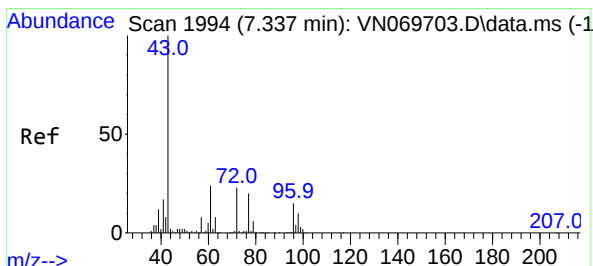
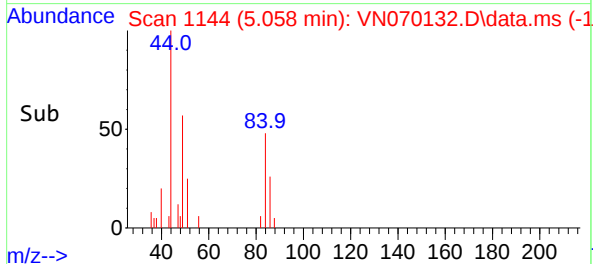
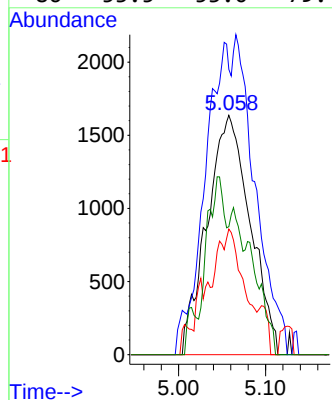


#20
Methylene Chloride
Concen: 0.425 ug/l
RT: 5.058 min Scan# 1157
Delta R.T. -0.035 min
Lab File: VN070132.D
Acq: 16 Dec 2021 12:49

Instrument :
MSVOA_N
ClientSampleId :

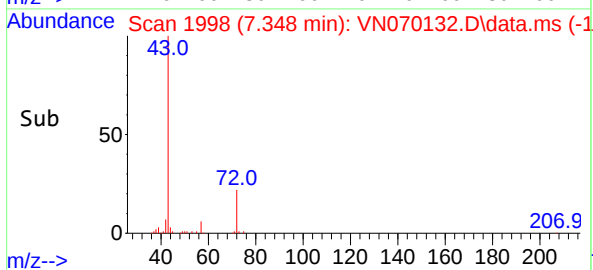
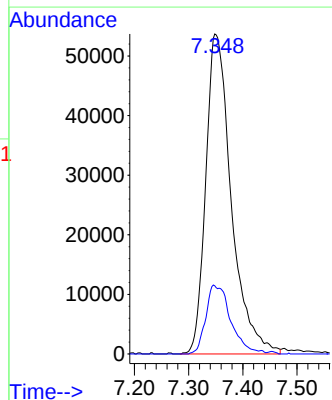
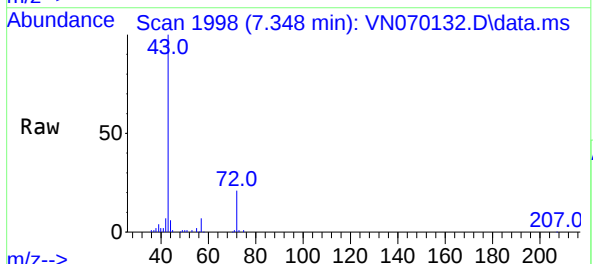


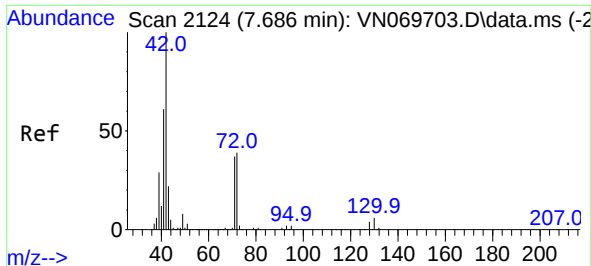
Tgt Ion: 84 Resp: 5628
Ion Ratio Lower Upper
84 100
49 104.9 93.5 140.3
51 52.5 29.4 44.2#
86 53.5 53.0 79.4



#25
2-Butanone
Concen: 13.016 ug/l
RT: 7.348 min Scan# 1998
Delta R.T. 0.011 min
Lab File: VN070132.D
Acq: 16 Dec 2021 12:49

Tgt Ion: 43 Resp: 176070
Ion Ratio Lower Upper
43 100
72 21.3 21.7 32.5#





#29

Tetrahydrofuran

Concen: 1.499 ug/l

RT: 7.700 min Scan# 2124

Delta R.T. 0.014 min

Lab File: VN070132.D

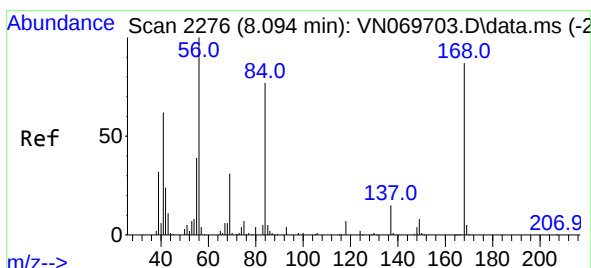
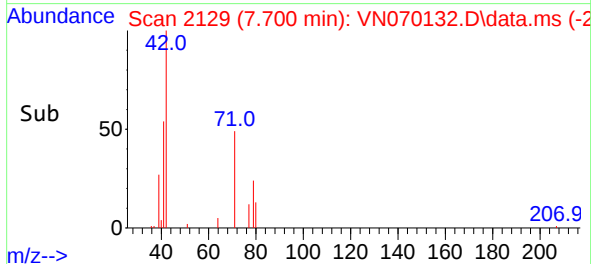
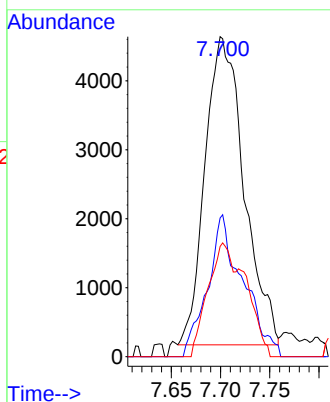
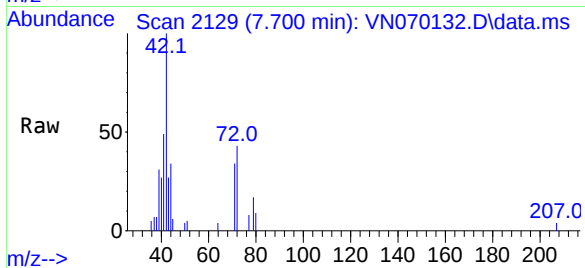
Acq: 16 Dec 2021 12:49

Instrument :

MSVOA_N

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Tgt Ion:	42	Resp:	12314
Ion	Ratio	Lower	Upper
42	100		
72	41.7	36.3	54.5
71	24.3	34.7	52.1#



#31

Cyclohexane

Concen: 1.509 ug/l

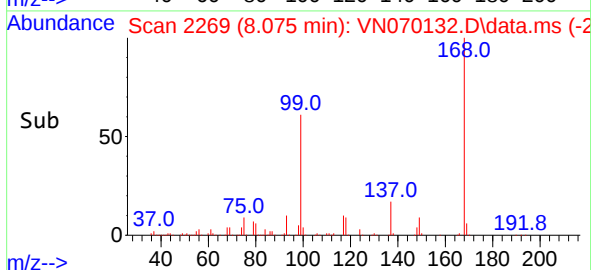
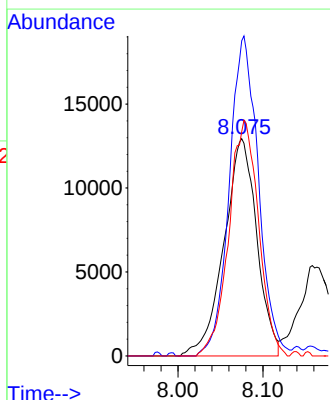
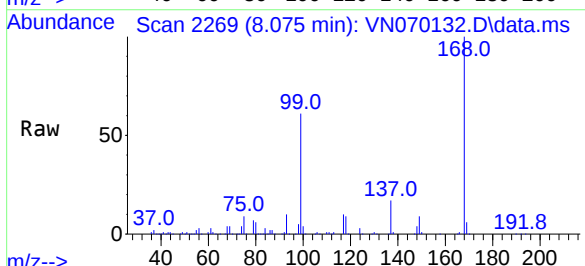
RT: 8.075 min Scan# 2269

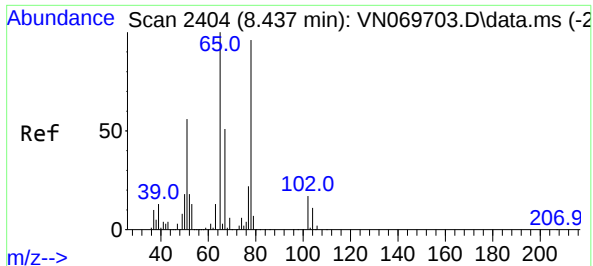
Delta R.T. -0.019 min

Lab File: VN070132.D

Acq: 16 Dec 2021 12:49

Tgt Ion:	56	Resp:	34755
Ion	Ratio	Lower	Upper
56	100		
69	145.0	27.1	40.7#
84	103.2	73.4	110.0

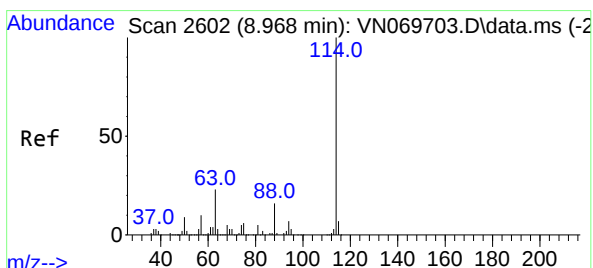
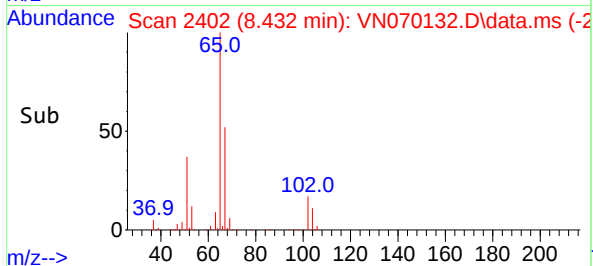
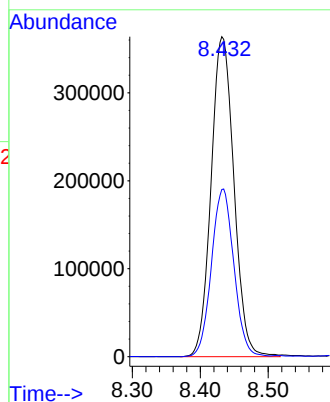
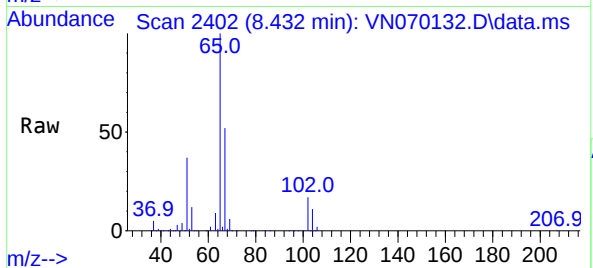




#33
1,2-Dichloroethane-d4
Concen: 51.326 ug/l
RT: 8.432 min Scan# 24
Delta R.T. -0.005 min
Lab File: VN070132.D
Acq: 16 Dec 2021 12:49

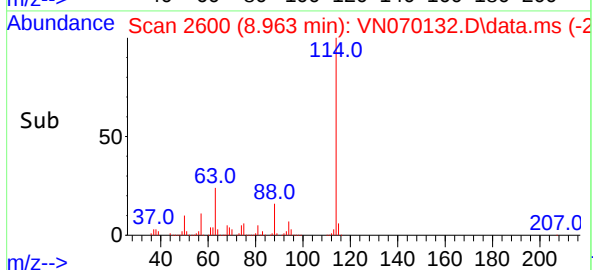
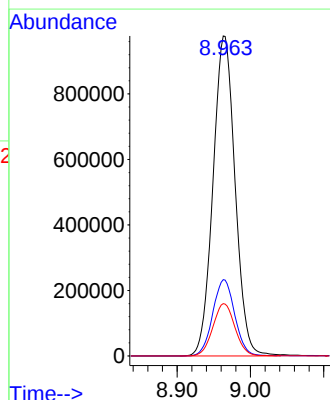
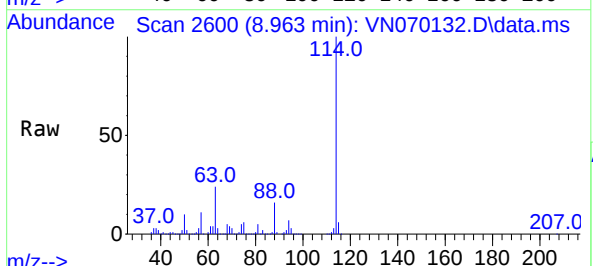
Instrument :
MSVOA_N
ClientSampleId :

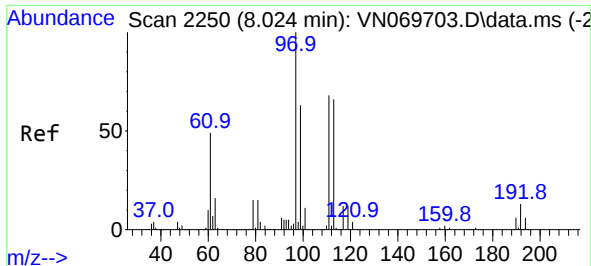
Tgt Ion: 65 Resp: 849442
Ion Ratio Lower Upper
65 100
67 51.5 0.0 103.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 2600
Delta R.T. -0.005 min
Lab File: VN070132.D
Acq: 16 Dec 2021 12:49

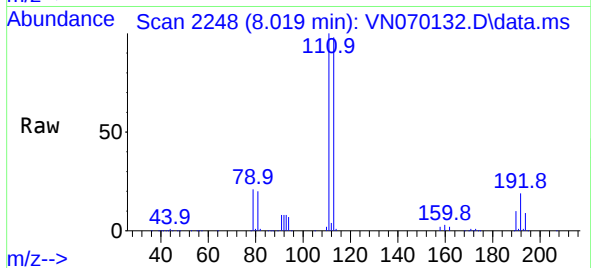
Tgt Ion: 114 Resp: 2044862
Ion Ratio Lower Upper
114 100
63 23.8 0.0 37.8
88 16.4 0.0 27.4



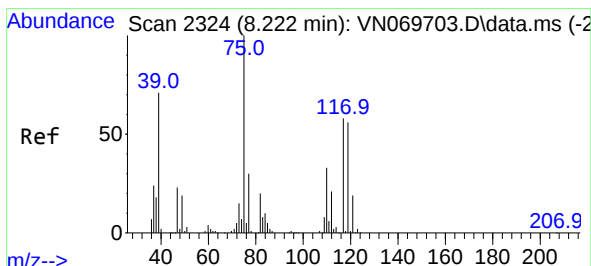
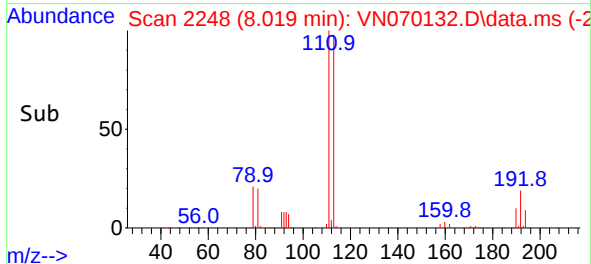
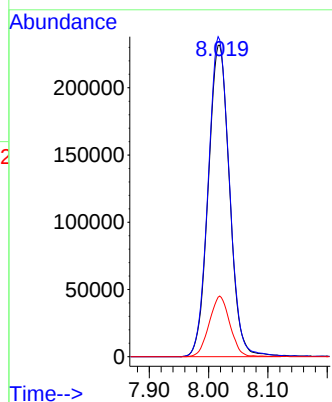


#35
 Dibromofluoromethane
 Concen: 44.914 ug/l
 RT: 8.019 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: VN070132.D
 Acq: 16 Dec 2021 12:49

Instrument :
 MSVOA_N
 ClientSampleId :

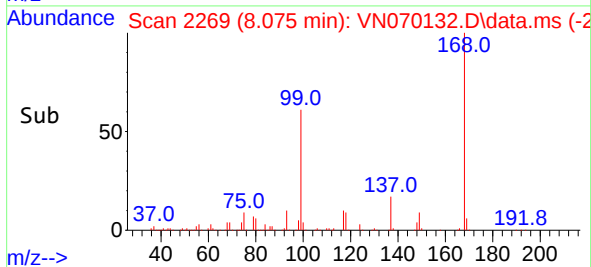
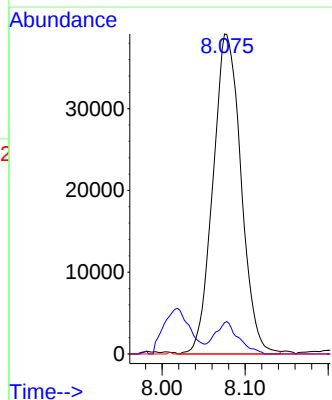
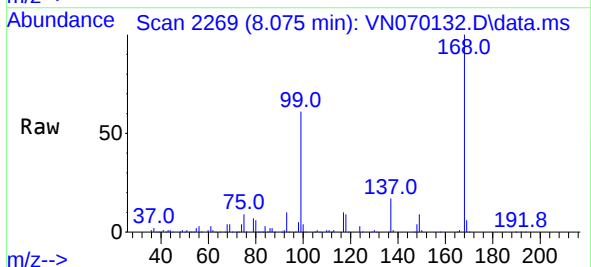


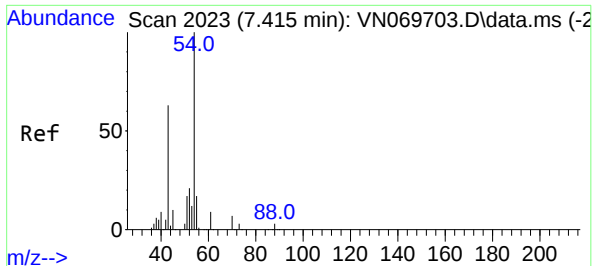
Tgt Ion:113 Resp: 575279
 Ion Ratio Lower Upper
 113 100
 111 102.6 82.2 123.2
 192 18.9 16.9 25.3



#36
 1,1-Dichloropropene
 Concen: 4.720 ug/l
 RT: 8.075 min Scan# 2269
 Delta R.T. -0.147 min
 Lab File: VN070132.D
 Acq: 16 Dec 2021 12:49

Tgt Ion: 75 Resp: 91885
 Ion Ratio Lower Upper
 75 100
 110 8.6 18.4 55.2#
 77 0.0 24.4 36.6#





#37

Ethyl Acetate

Concen: 6.077 ug/l

RT: 7.348 min Scan# 19

Delta R.T. -0.067 min

Lab File: VN070132.D

Acq: 16 Dec 2021 12:49

Instrument :

MSVOA_N

ClientSampleId :

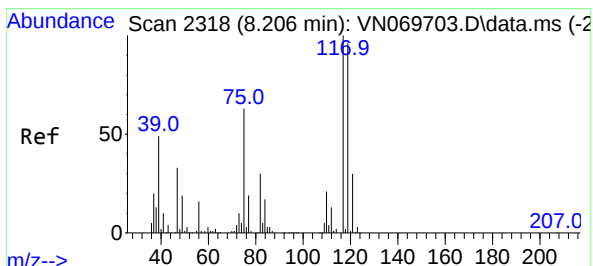
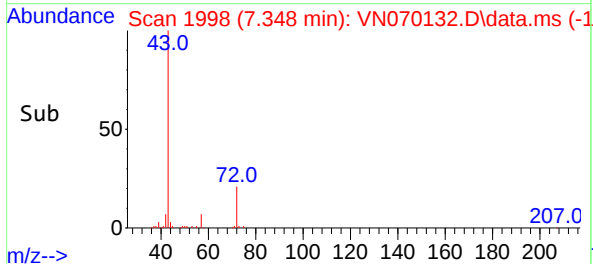
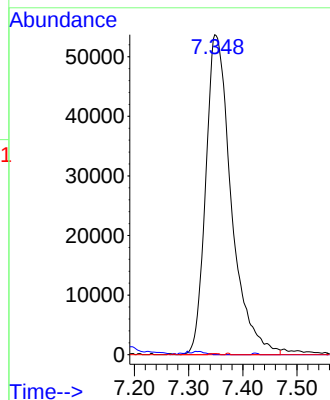
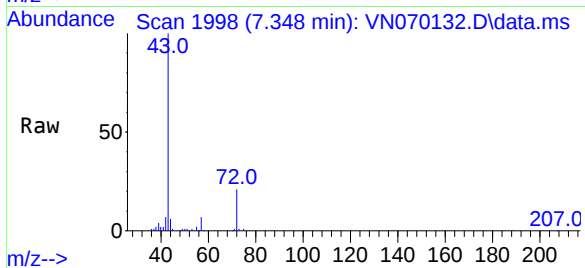
Tgt Ion: 43 Resp: 176070

Ion Ratio Lower Upper

43 100

61 0.0 11.5 17.3#

70 0.1 7.9 11.9#



#38

Carbon Tetrachloride

Concen: 5.755 ug/l

RT: 8.075 min Scan# 2269

Delta R.T. -0.131 min

Lab File: VN070132.D

Acq: 16 Dec 2021 12:49

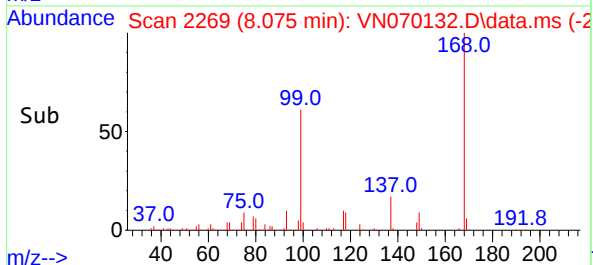
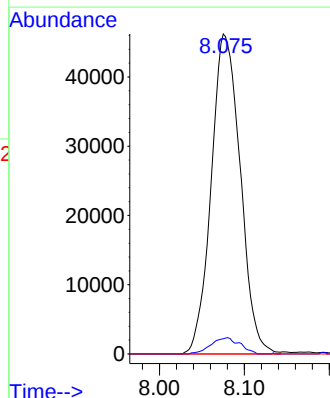
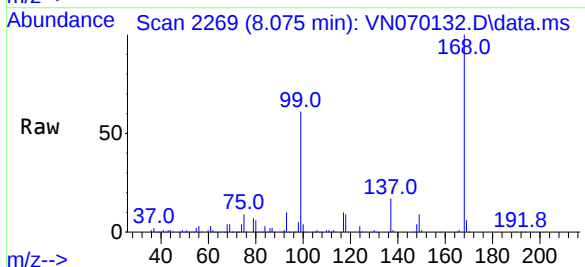
Tgt Ion: 117 Resp: 109853

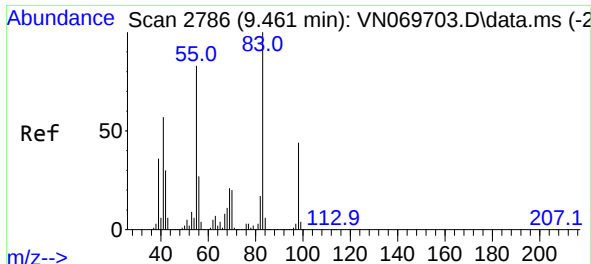
Ion Ratio Lower Upper

117 100

119 4.8 76.1 114.1#

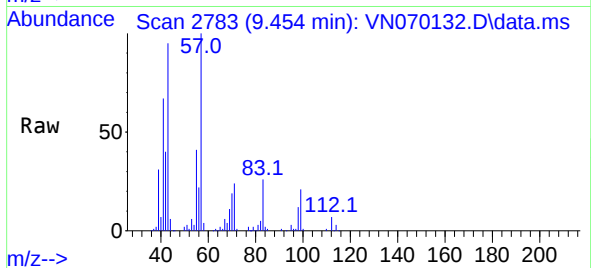
121 0.0 24.2 36.2#



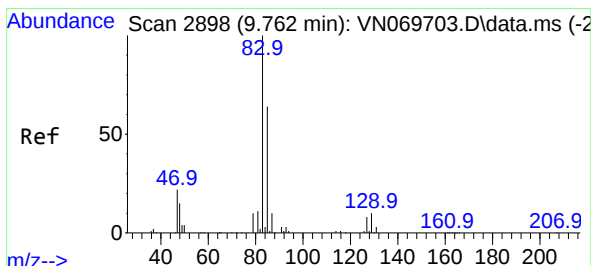
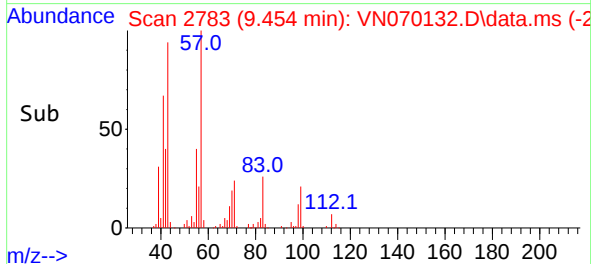
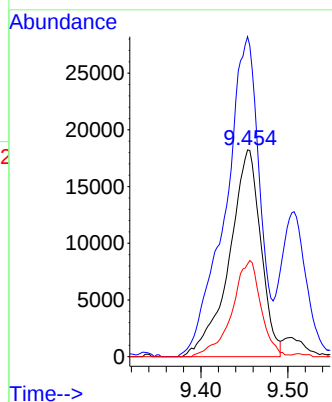


#39
Methylcyclohexane
Concen: 1.989 ug/l
RT: 9.454 min Scan# 21
Delta R.T. -0.008 min
Lab File: VN070132.D
Acq: 16 Dec 2021 12:49

Instrument :
MSVOA_N
ClientSampleId :

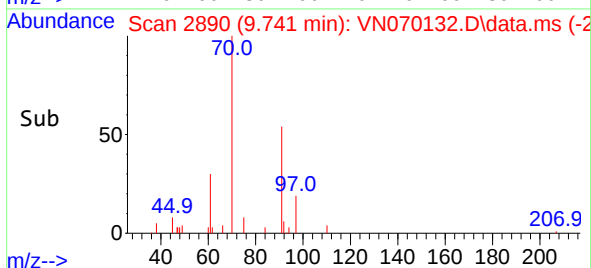
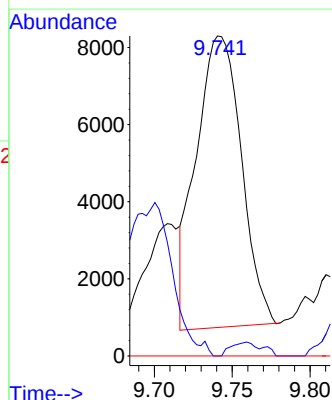
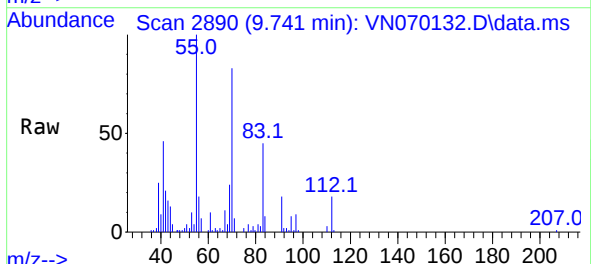


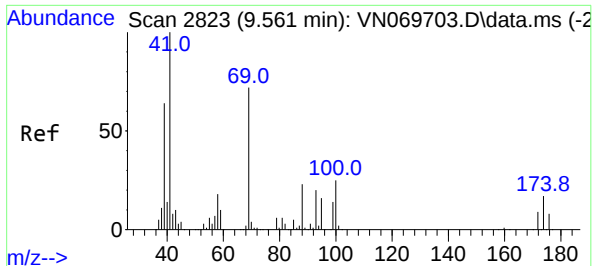
Tgt Ion: 83 Resp: 46052
Ion Ratio Lower Upper
83 100
55 153.8 58.1 87.1#
98 44.8 38.4 57.6



#47
Bromodichloromethane
Concen: 0.769 ug/l
RT: 9.741 min Scan# 2890
Delta R.T. -0.021 min
Lab File: VN070132.D
Acq: 16 Dec 2021 12:49

Tgt Ion: 83 Resp: 15255
Ion Ratio Lower Upper
83 100
85 0.0 50.9 76.3#
127 0.0 7.1 10.7#





#48

Methyl methacrylate

Concen: 1.257 ug/l

RT: 9.590 min Scan# 2834

Delta R.T. 0.029 min

Lab File: VN070132.D

Acq: 16 Dec 2021 12:49

Instrument :

MSVOA_N

ClientSampleId :

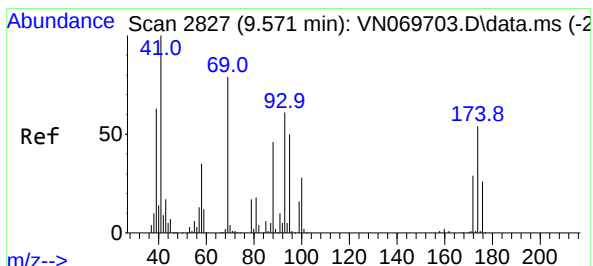
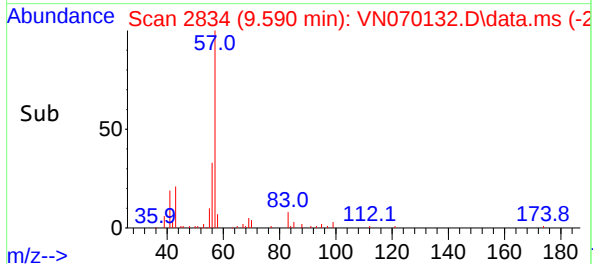
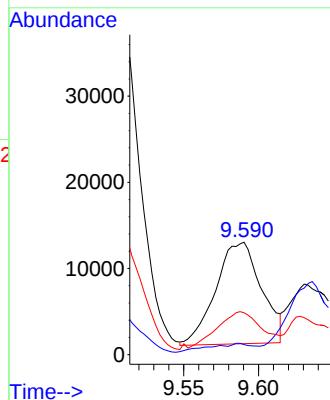
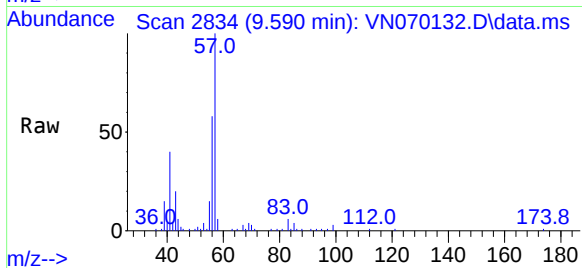
Tgt Ion: 41 Resp: 25147

Ion Ratio Lower Upper

41 100

69 4.2 72.4 108.6#

39 35.8 58.4 87.6#



#49

1,4-Dioxane

Concen: 1.278 ug/l

RT: 9.580 min Scan# 2830

Delta R.T. 0.008 min

Lab File: VN070132.D

Acq: 16 Dec 2021 12:49

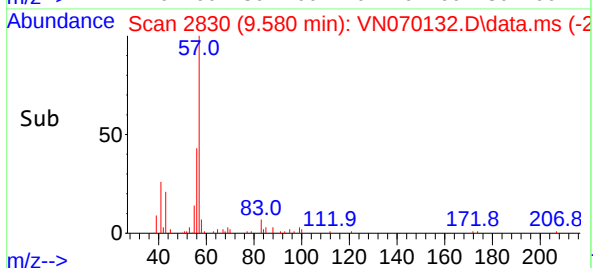
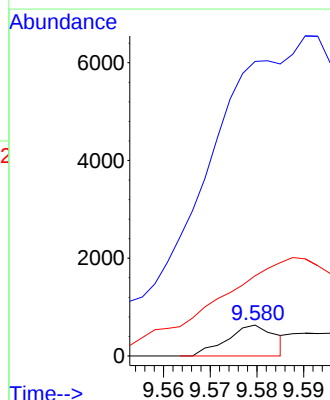
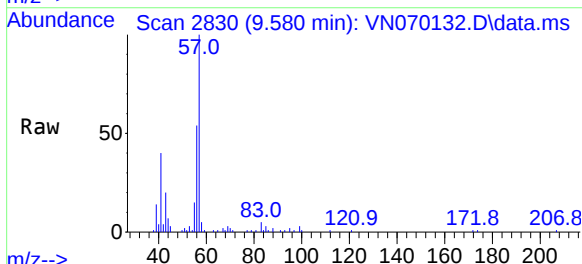
Tgt Ion: 88 Resp: 459

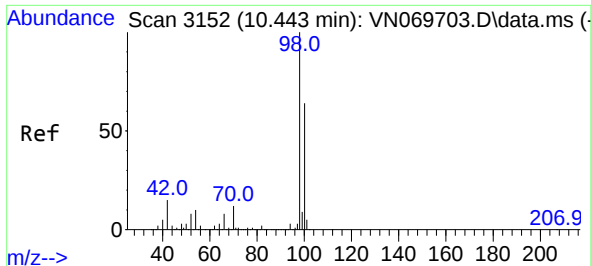
Ion Ratio Lower Upper

88 100

43 2591.9 23.4 35.2#

58 794.8 50.6 75.8#

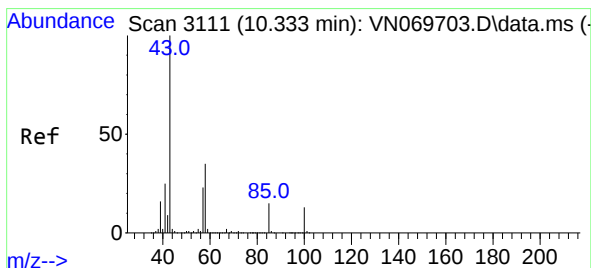
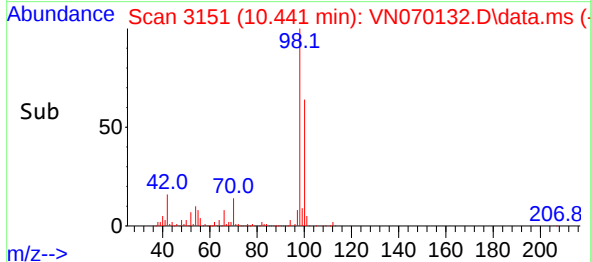
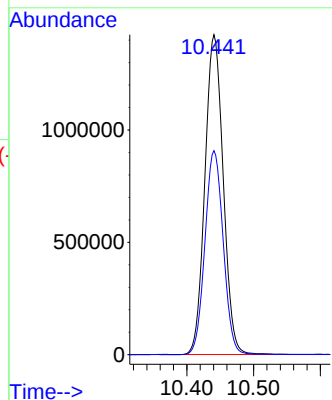
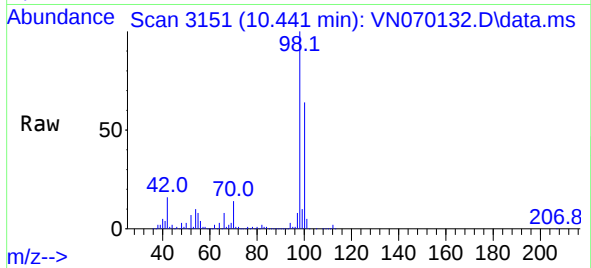




#50
Toluene-d8
Concen: 52.845 ug/l
RT: 10.441 min Scan# 3152
Delta R.T. -0.002 min
Lab File: VN070132.D
Acq: 16 Dec 2021 12:49

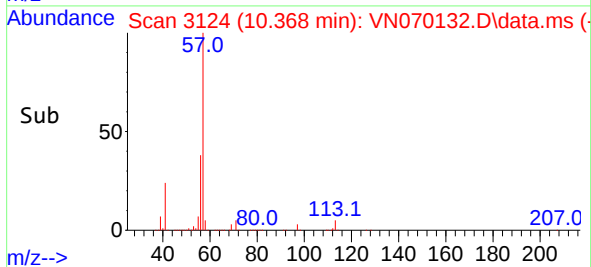
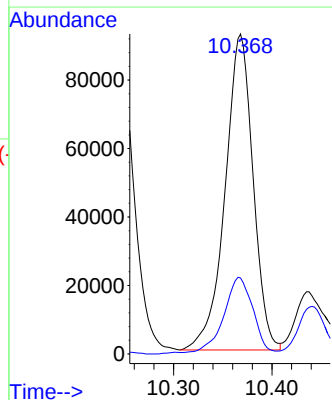
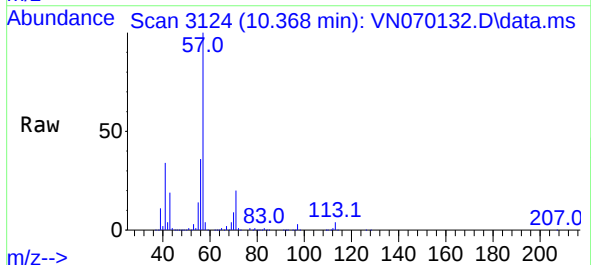
Instrument :
MSVOA_N
ClientSampleId :

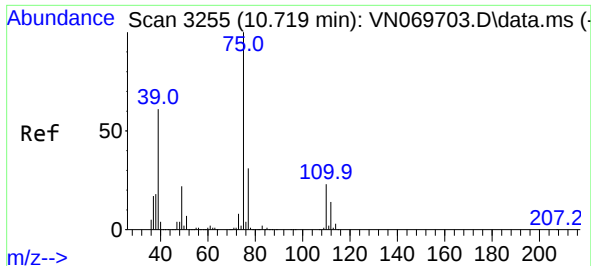
Tgt Ion: 98 Resp: 2717878
Ion Ratio Lower Upper
98 100
100 63.7 50.4 75.6



#51
4-Methyl-2-Pentanone
Concen: 6.563 ug/l
RT: 10.368 min Scan# 3124
Delta R.T. 0.035 min
Lab File: VN070132.D
Acq: 16 Dec 2021 12:49

Tgt Ion: 43 Resp: 182541
Ion Ratio Lower Upper
43 100
58 24.3 30.4 45.6#

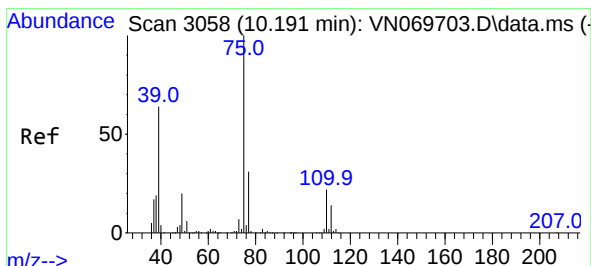
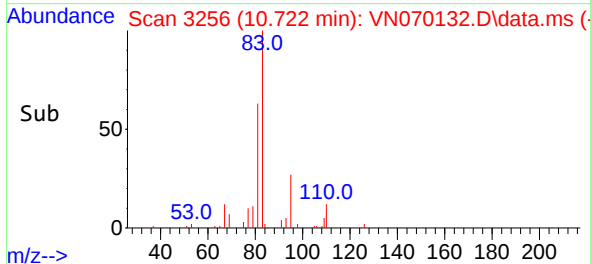
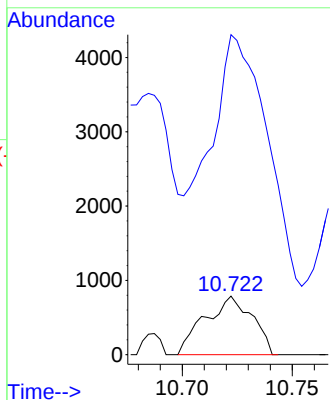
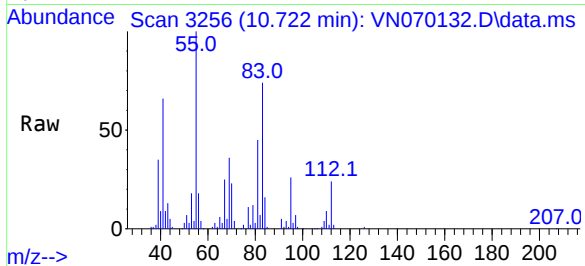




#53
 t-1,3-Dichloropropene
 Concen: 2.841 ug/l
 RT: 10.722 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VN070132.D
 Acq: 16 Dec 2021 12:49

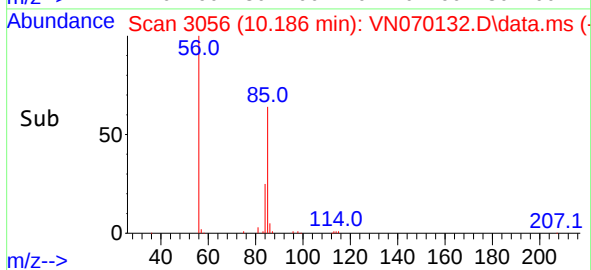
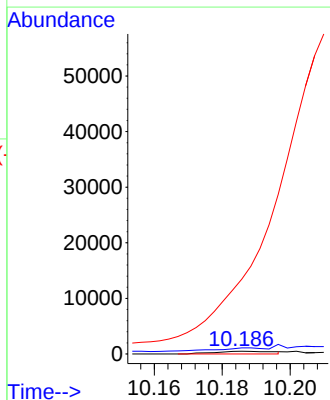
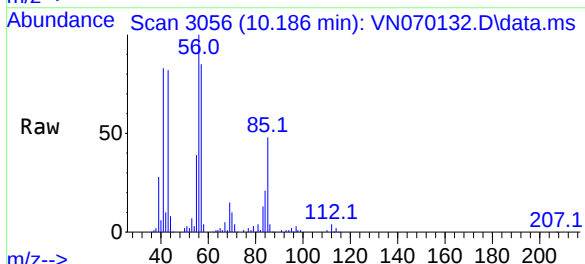
Instrument :
 MSVOA_N
 ClientSampleId :

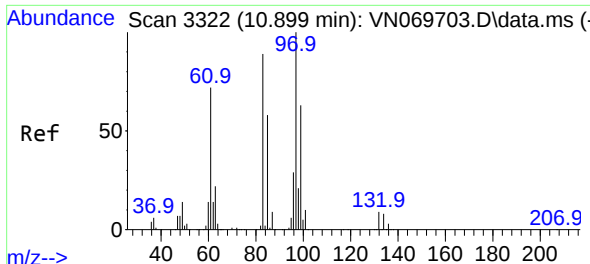
Tgt Ion: 75 Resp: 1183
 Ion Ratio Lower Upper
 75 100
 77 272.5 25.6 38.4#



#54
 cis-1,3-Dichloropropene
 Concen: 2.021 ug/l
 RT: 10.186 min Scan# 3056
 Delta R.T. -0.005 min
 Lab File: VN070132.D
 Acq: 16 Dec 2021 12:49

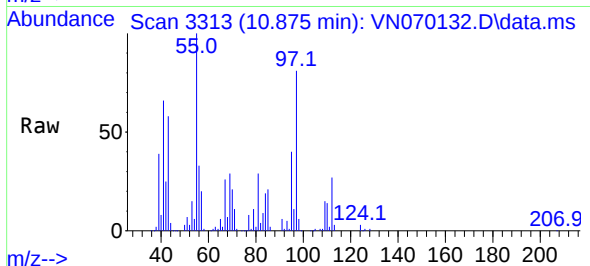
Tgt Ion: 75 Resp: 583
 Ion Ratio Lower Upper
 75 100
 77 105.8 26.4 39.6#
 39 2066.1 42.5 63.7#



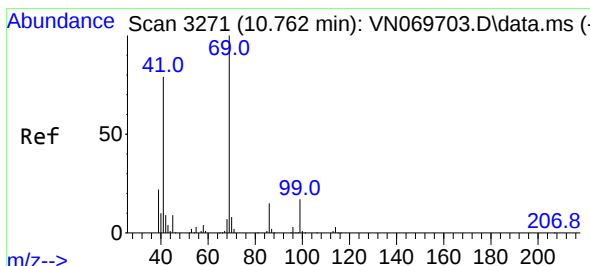
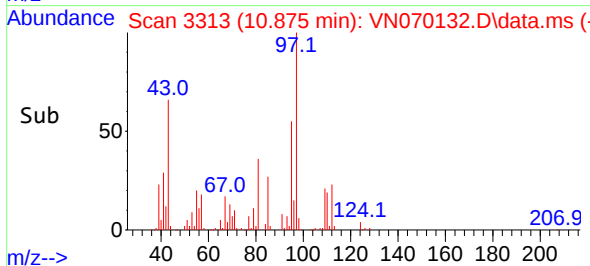
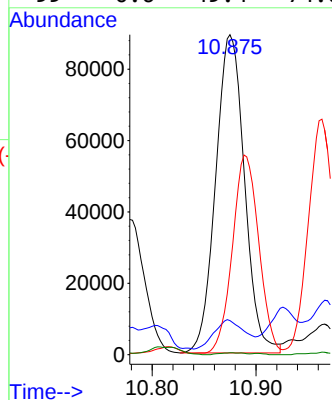


#55
1,1,2-Trichloroethane
Concen: 11.754 ug/l
RT: 10.875 min Scan# 31
Delta R.T. -0.024 min
Lab File: VN070132.D
Acq: 16 Dec 2021 12:49

Instrument :
MSVOA_N
ClientSampleId :

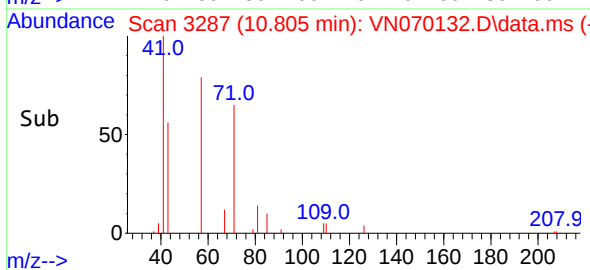
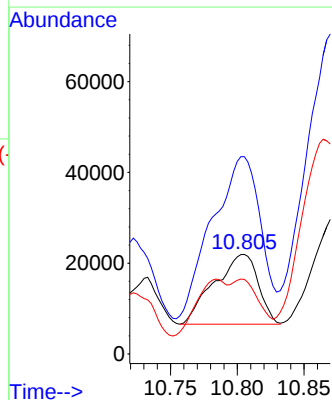
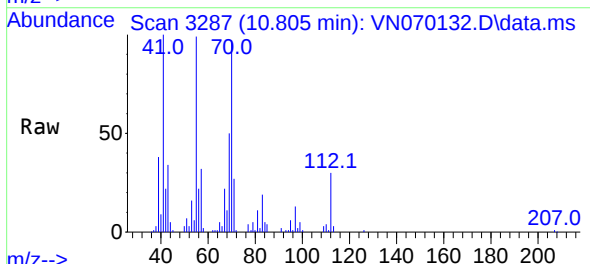


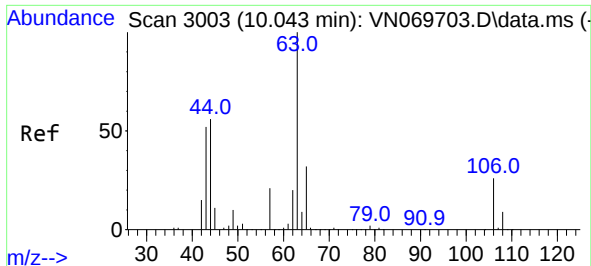
Tgt Ion: 97 Resp: 172286
Ion Ratio Lower Upper
97 100
83 8.6 67.8 101.6#
85 25.1 45.4 68.2#
99 0.6 49.4 74.0#



#56
Ethyl methacrylate
Concen: 3.495 ug/l
RT: 10.805 min Scan# 3287
Delta R.T. 0.043 min
Lab File: VN070132.D
Acq: 16 Dec 2021 12:49

Tgt Ion: 69 Resp: 35239
Ion Ratio Lower Upper
69 100
41 261.8 51.4 77.0#
39 0.0 34.6 52.0#

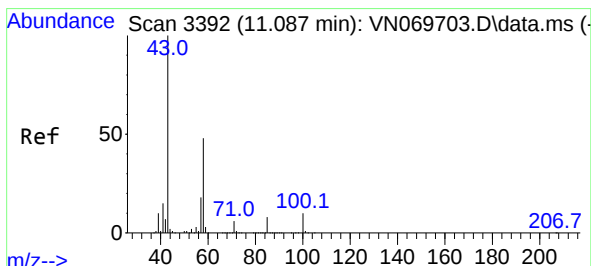
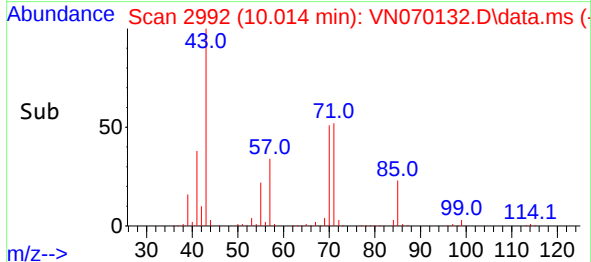
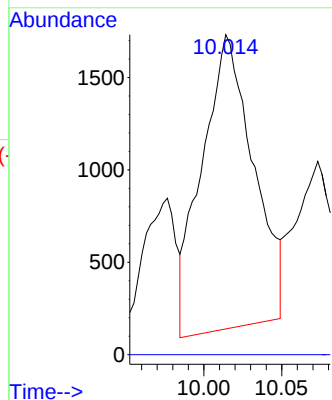
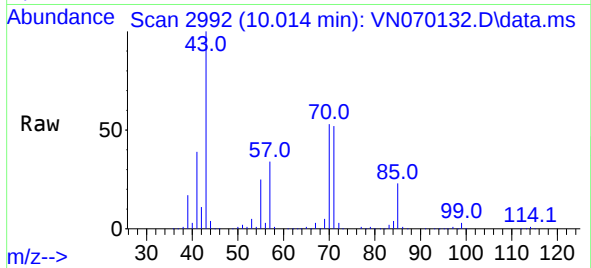




#58
2-Chloroethyl Vinyl ether
Concen: 18.843 ug/l
RT: 10.014 min Scan# 2992
Delta R.T. -0.029 min
Lab File: VN070132.D
Acq: 16 Dec 2021 12:49

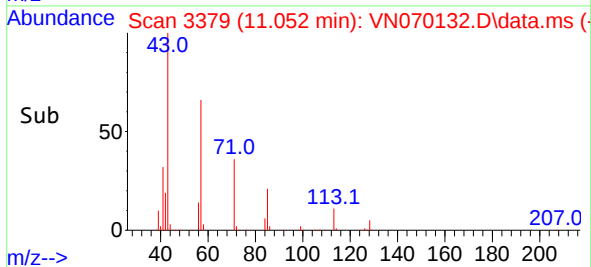
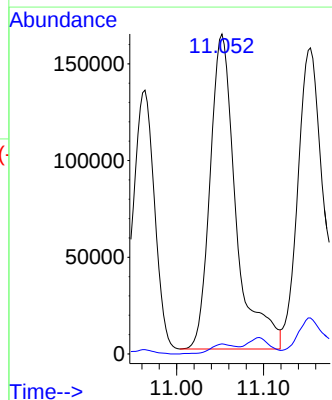
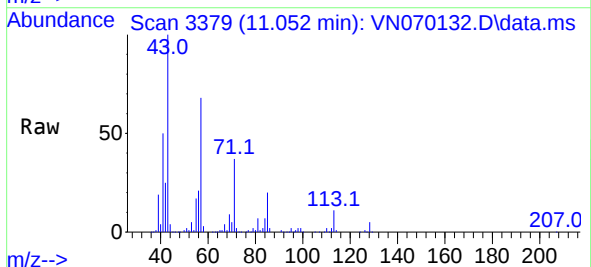
Instrument :
MSVOA_N
ClientSampleId :

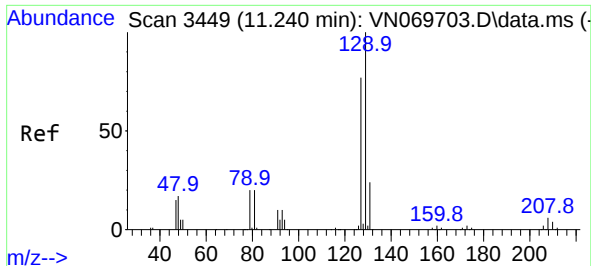
Tgt Ion: 63 Resp: 3661
Ion Ratio Lower Upper
63 100
106 0.0 23.9 35.9#



#59
2-Hexanone
Concen: 16.053 ug/l
RT: 11.052 min Scan# 3379
Delta R.T. -0.035 min
Lab File: VN070132.D
Acq: 16 Dec 2021 12:49

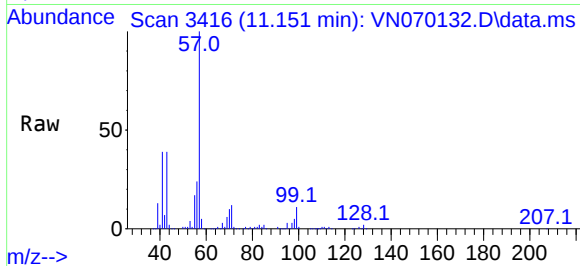
Tgt Ion: 43 Resp: 337780
Ion Ratio Lower Upper
43 100
58 3.1 26.9 80.7#



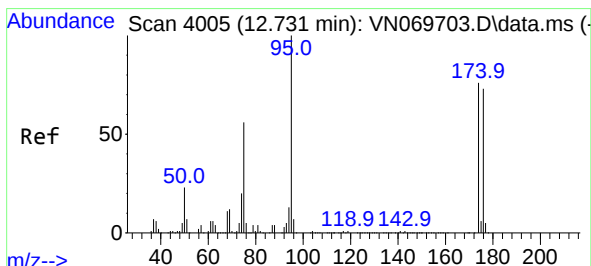
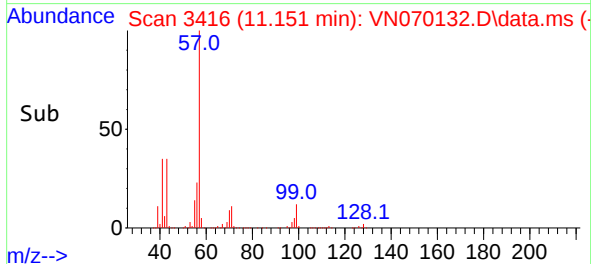
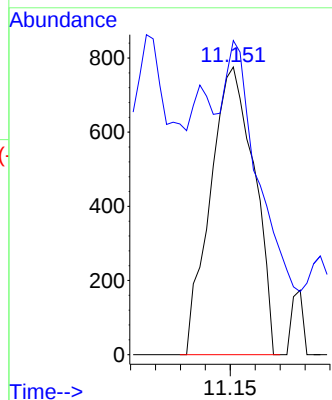


#60
Dibromochloromethane
Concen: 2.434 ug/l
RT: 11.151 min Scan# 3449
Delta R.T. -0.089 min
Lab File: VN070132.D
Acq: 16 Dec 2021 12:49

Instrument :
MSVOA_N
ClientSampleId :

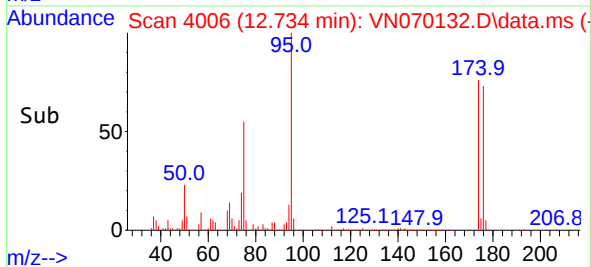
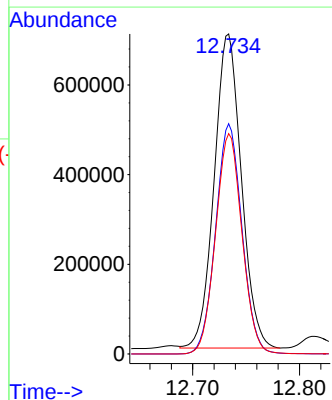
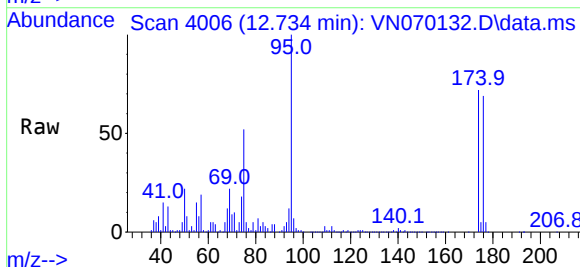


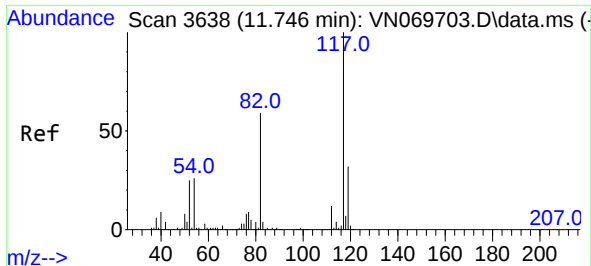
Tgt Ion:129 Resp: 948
Ion Ratio Lower Upper
129 100
127 60.7 38.6 116.0



#62
4-Bromofluorobenzene
Concen: 66.377 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.003 min
Lab File: VN070132.D
Acq: 16 Dec 2021 12:49

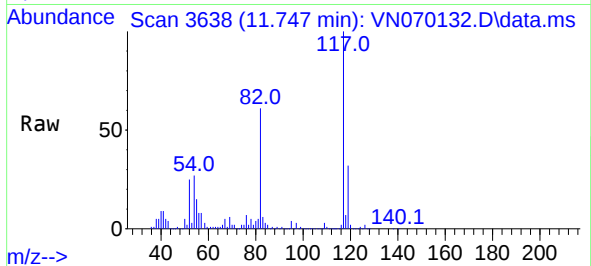
Tgt Ion: 95 Resp: 1236746
Ion Ratio Lower Upper
95 100
174 71.1 0.0 187.2
176 68.4 0.0 181.4





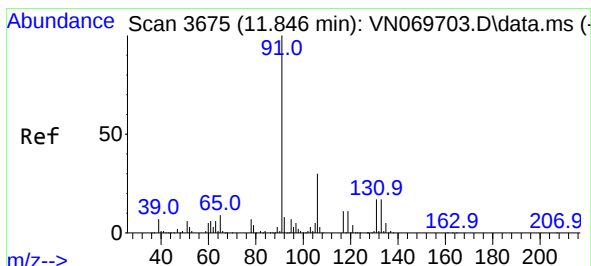
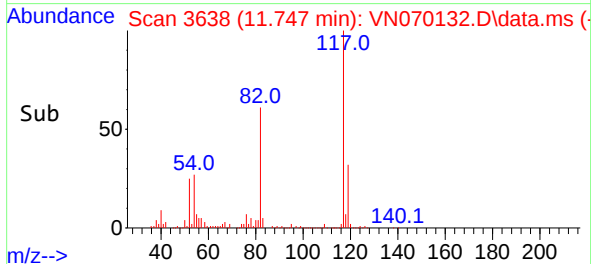
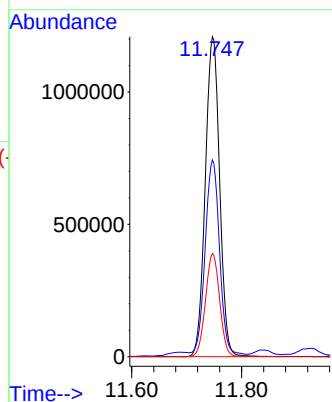
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.001 min
Lab File: VN070132.D
Acq: 16 Dec 2021 12:49

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:117 Resp: 2193034

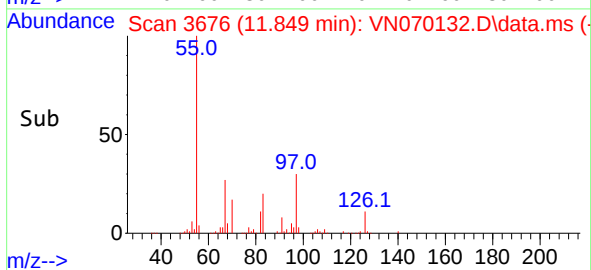
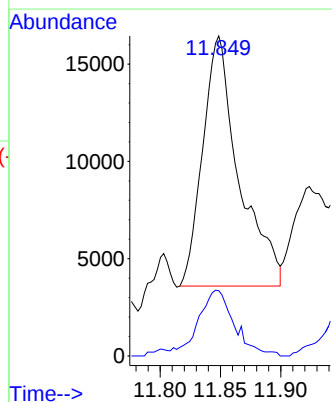
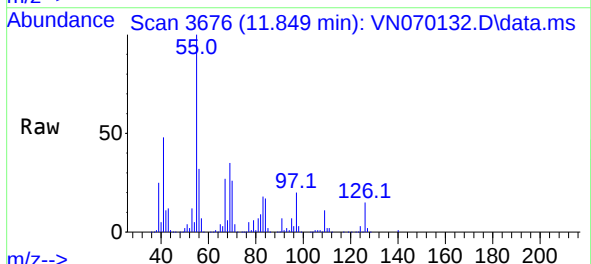
Ion	Ratio	Lower	Upper
117	100		
82	60.8	42.4	63.6
119	32.2	25.4	38.2

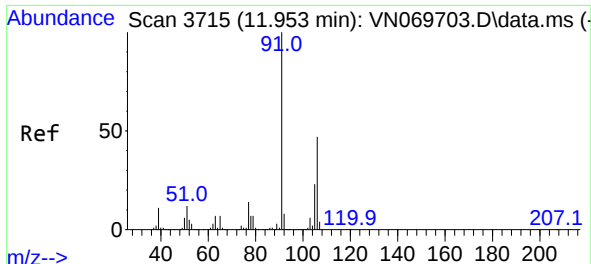


#67
Ethyl Benzene
Concen: 0.332 ug/l
RT: 11.849 min Scan# 3676
Delta R.T. 0.003 min
Lab File: VN070132.D
Acq: 16 Dec 2021 12:49

Tgt Ion: 91 Resp: 26870

Ion	Ratio	Lower	Upper
91	100		
106	26.1	25.7	38.5

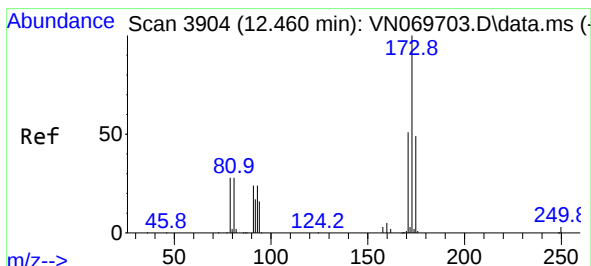
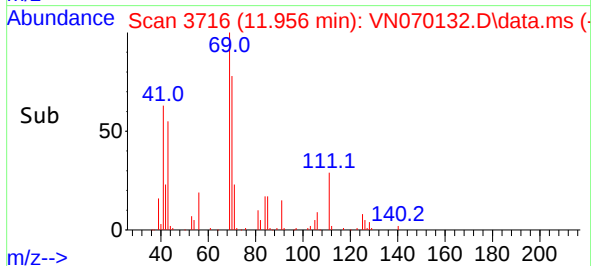
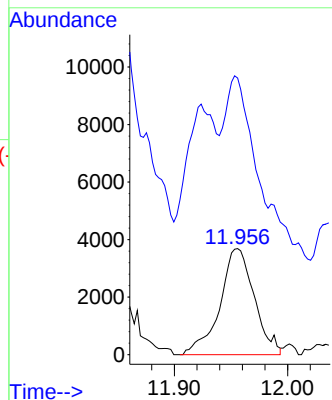
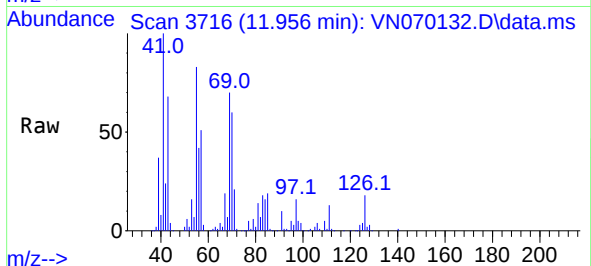




#68
m/p-Xylenes
Concen: 0.265 ug/l
RT: 11.956 min Scan# 3715
Delta R.T. 0.003 min
Lab File: VN070132.D
Acq: 16 Dec 2021 12:49

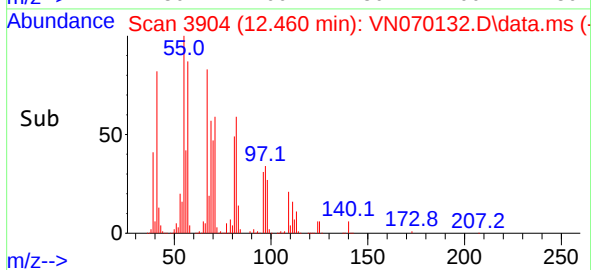
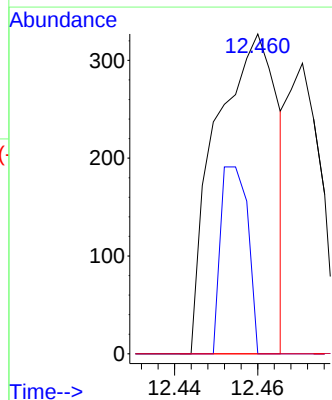
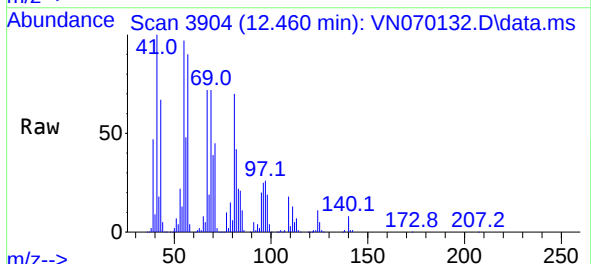
Instrument :
MSVOA_N
ClientSampleId :

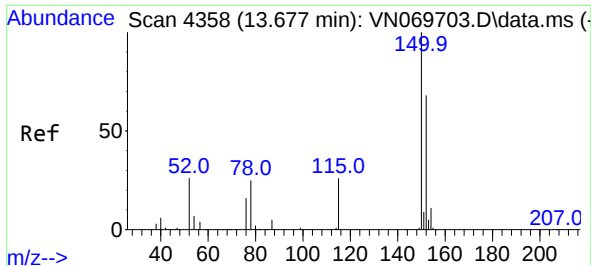
Tgt Ion:106 Resp: 7802
Ion Ratio Lower Upper
106 100
91 163.9 160.6 240.8



#71
Bromoform
Concen: 2.755 ug/l
RT: 12.460 min Scan# 3904
Delta R.T. 0.000 min
Lab File: VN070132.D
Acq: 16 Dec 2021 12:49

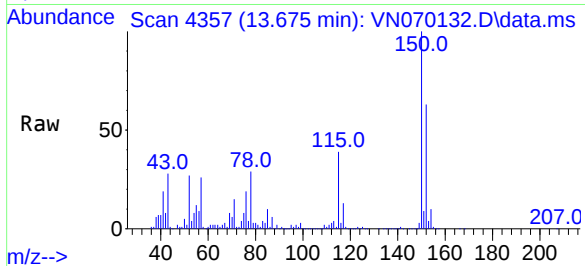
Tgt Ion:173 Resp: 338
Ion Ratio Lower Upper
173 100
175 0.0 24.2 72.6#
254 0.0 0.0 0.0



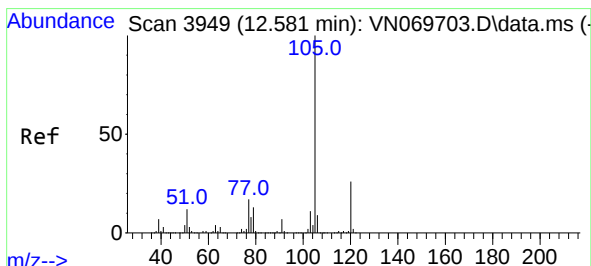
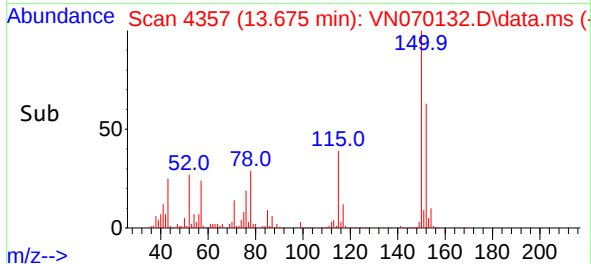
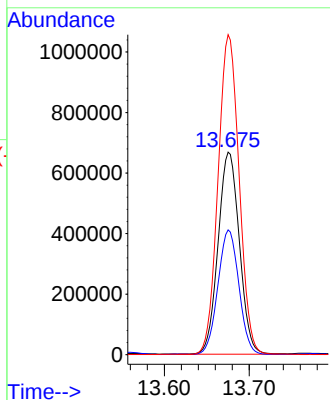


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 41
Delta R.T. -0.002 min
Lab File: VN070132.D
Acq: 16 Dec 2021 12:49

Instrument :
MSVOA_N
ClientSampleId :

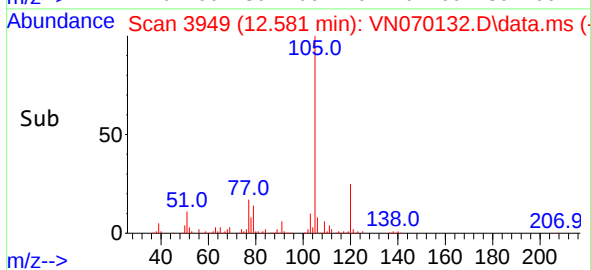
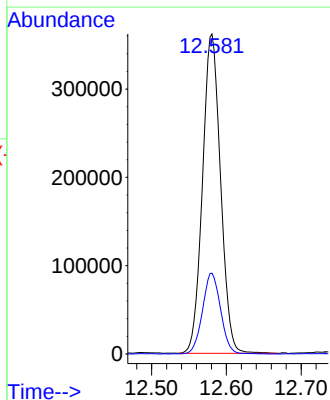
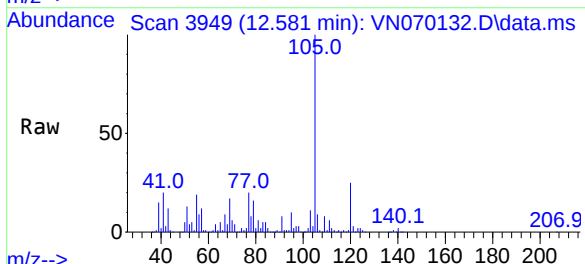


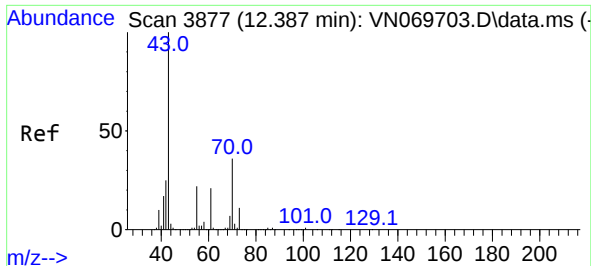
Tgt Ion:152 Resp: 1160408
Ion Ratio Lower Upper
152 100
115 60.6 27.5 82.5
150 156.8 0.0 344.4



#73
Isopropylbenzene
Concen: 5.879 ug/l
RT: 12.581 min Scan# 3949
Delta R.T. 0.000 min
Lab File: VN070132.D
Acq: 16 Dec 2021 12:49

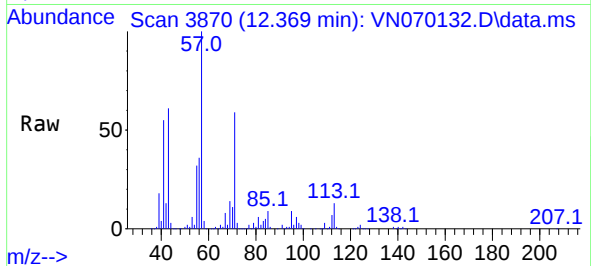
Tgt Ion:105 Resp: 606930
Ion Ratio Lower Upper
105 100
120 25.4 13.4 40.1



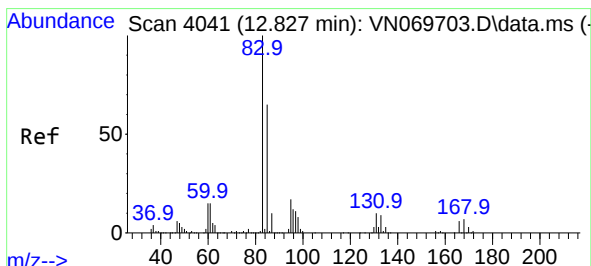
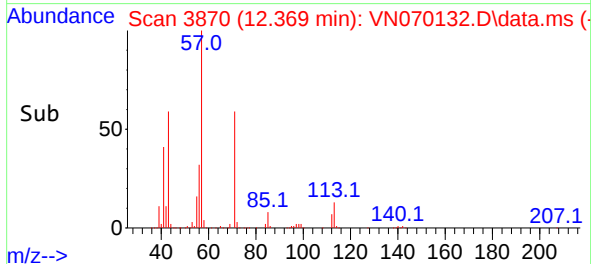
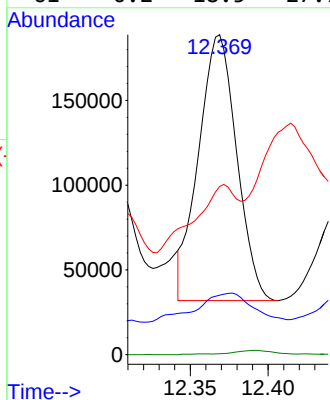


#74
N-amy1 acetate
Concen: 5.846 ug/l
RT: 12.369 min Scan# 31
Delta R.T. -0.019 min
Lab File: VN070132.D
Acq: 16 Dec 2021 12:49

Instrument :
MSVOA_N
ClientSampleId :

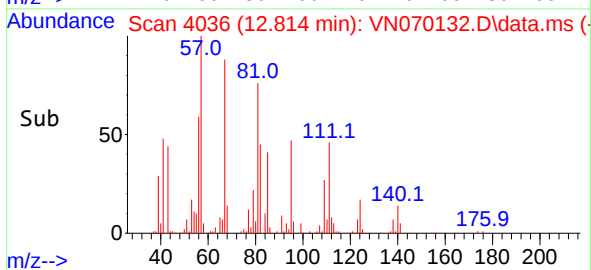
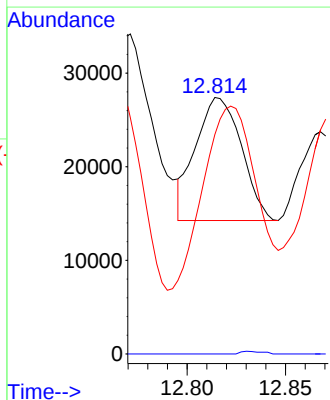
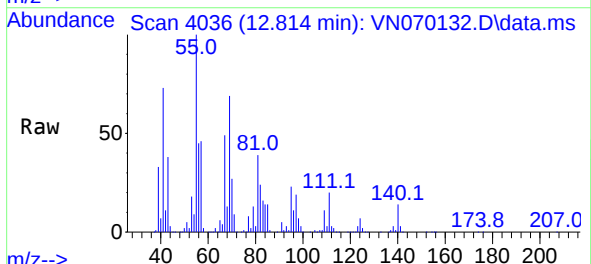


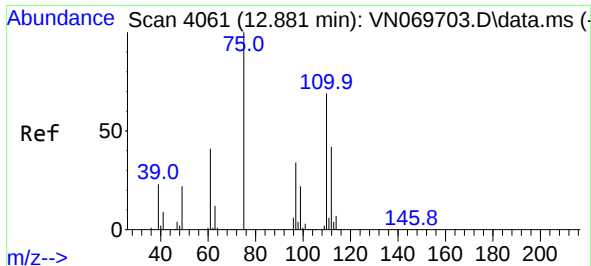
Tgt Ion: 43 Resp: 266938
Ion Ratio Lower Upper
43 100
70 15.1 33.4 50.0#
55 28.1 19.3 28.9
61 0.2 18.5 27.7#



#75
1,1,2,2-Tetrachloroethane
Concen: 0.597 ug/l
RT: 12.814 min Scan# 4036
Delta R.T. -0.013 min
Lab File: VN070132.D
Acq: 16 Dec 2021 12:49

Tgt Ion: 83 Resp: 21309
Ion Ratio Lower Upper
83 100
131 1.0 5.5 16.5#
85 167.7 32.4 97.2#

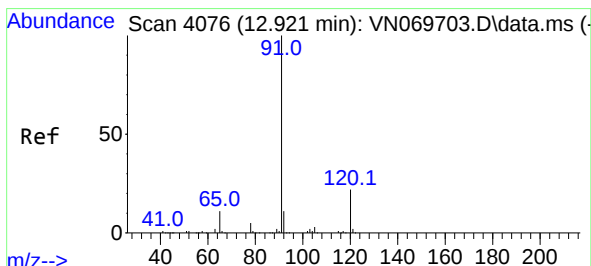
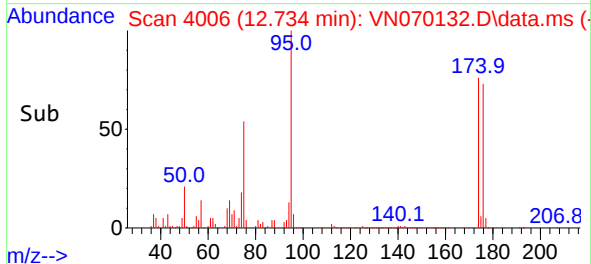
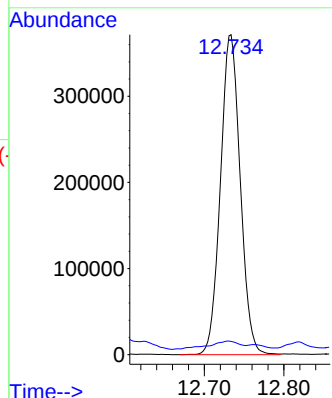
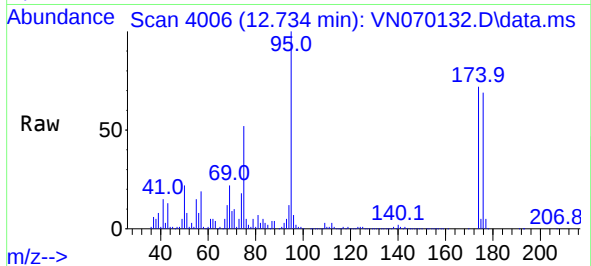




#76
1,2,3-Trichloropropane
Concen: 19.300 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. -0.147 min
Lab File: VN070132.D
Acq: 16 Dec 2021 12:49

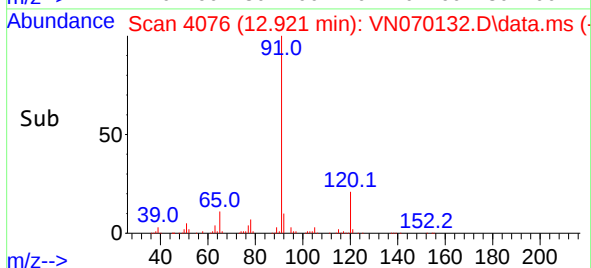
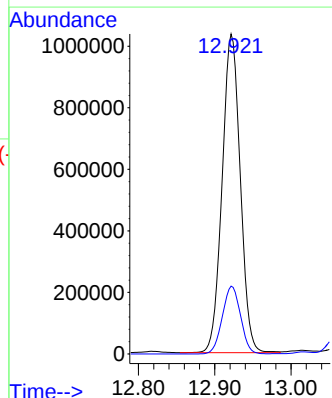
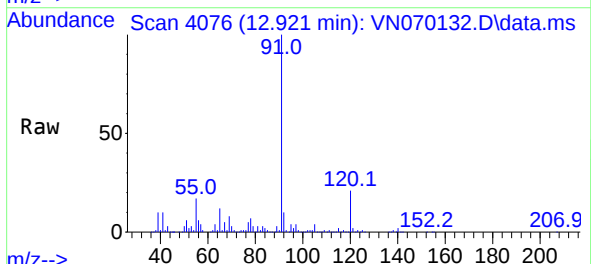
Instrument :
MSVOA_N
ClientSampleId :

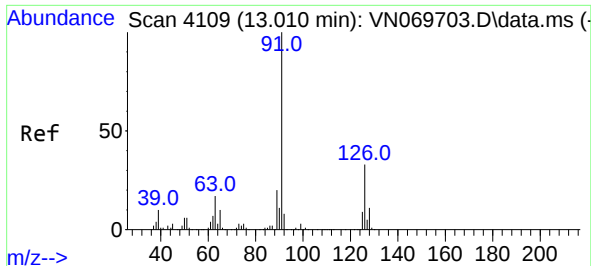
Tgt Ion: 75 Resp: 642278
Ion Ratio Lower Upper
75 100
77 4.0 82.6 247.8#



#78
n-propylbenzene
Concen: 14.886 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.000 min
Lab File: VN070132.D
Acq: 16 Dec 2021 12:49

Tgt Ion: 91 Resp: 1710174
Ion Ratio Lower Upper
91 100
120 21.4 11.9 35.9

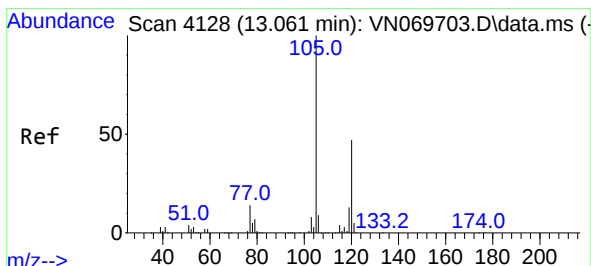
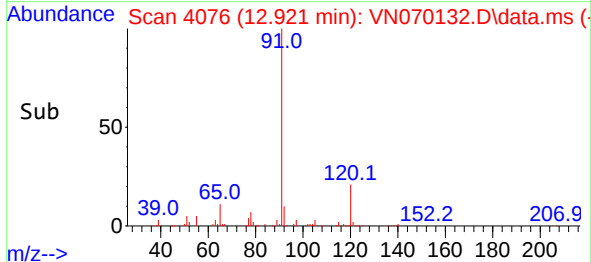
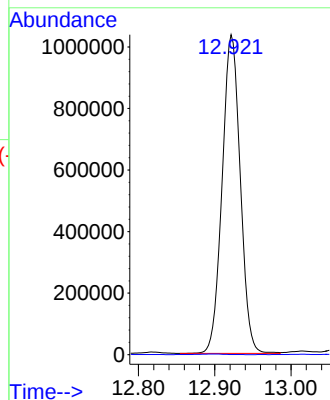
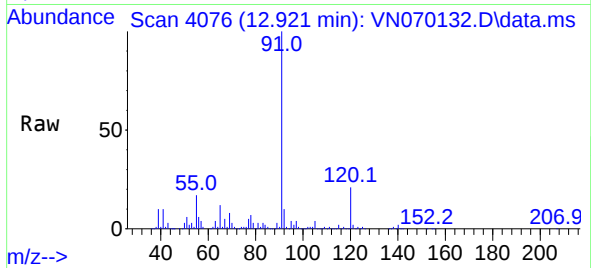




#79
2-Chlorotoluene
Concen: 23.558 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. -0.088 min
Lab File: VN070132.D
Acq: 16 Dec 2021 12:49

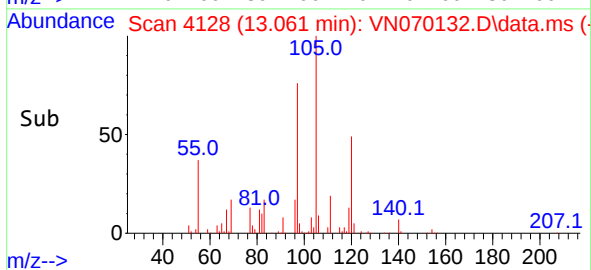
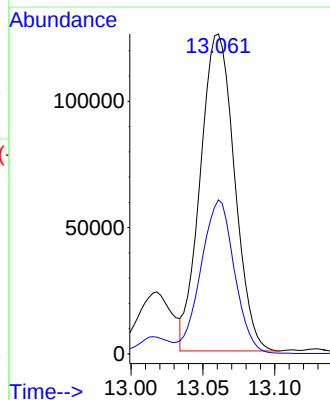
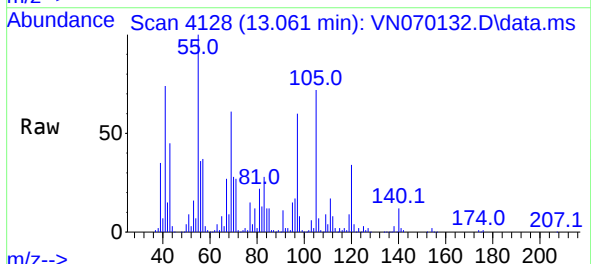
Instrument :
MSVOA_N
ClientSampleId :

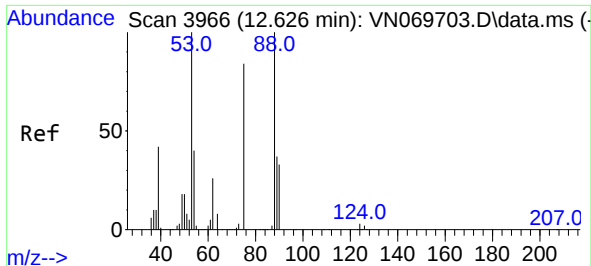
Tgt Ion: 91 Resp: 1710174
Ion Ratio Lower Upper
91 100
126 0.3 18.3 54.8#



#80
1,3,5-Trimethylbenzene
Concen: 2.498 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. 0.000 min
Lab File: VN070132.D
Acq: 16 Dec 2021 12:49

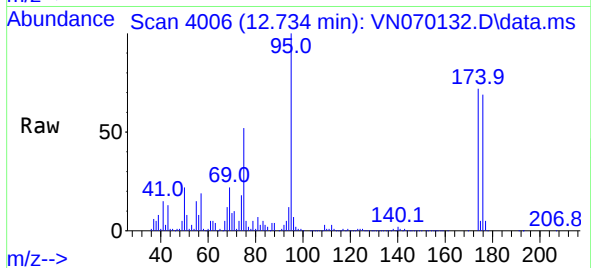
Tgt Ion:105 Resp: 207552
Ion Ratio Lower Upper
105 100
120 47.6 24.6 73.6



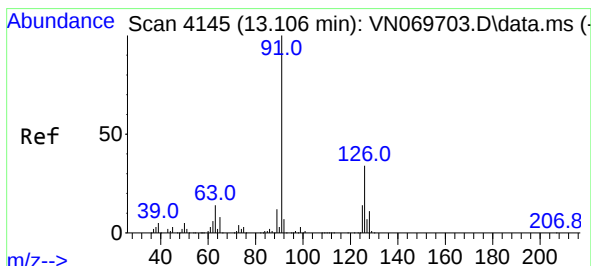
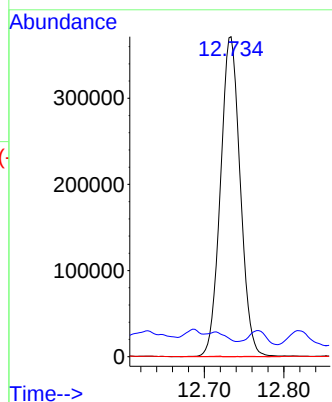
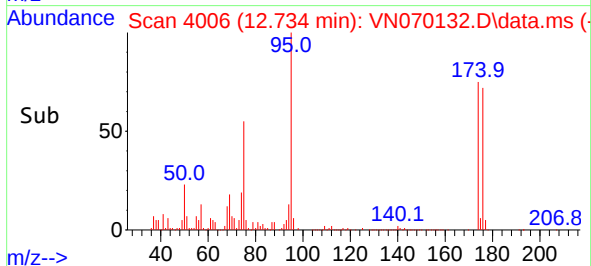


#81
trans-1,4-Dichloro-2-butene
Concen: 62.098 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.108 min
Lab File: VN070132.D
Acq: 16 Dec 2021 12:49

Instrument :
MSVOA_N
ClientSampleId :

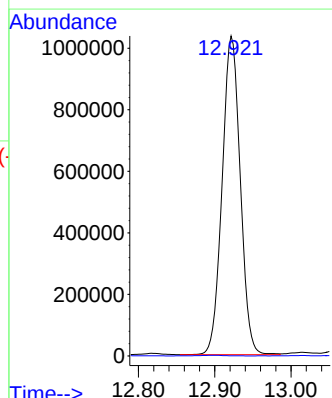
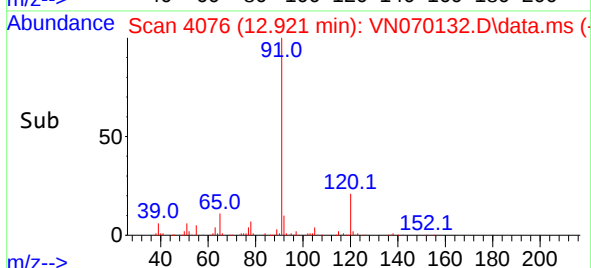
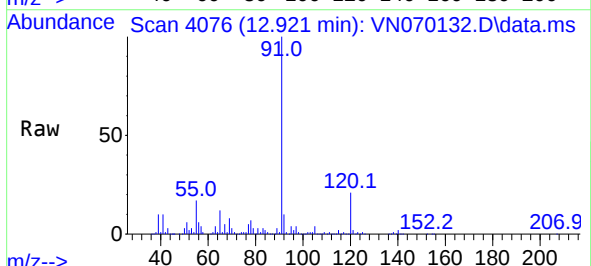


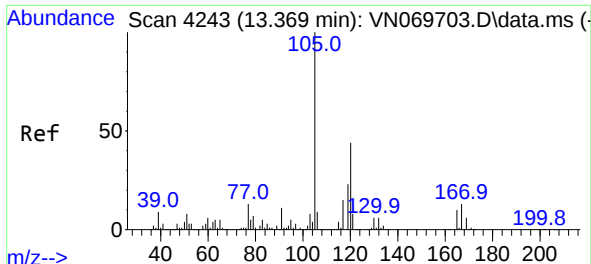
Tgt Ion: 75 Resp: 642278
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 38.2 57.4#



#82
4-Chlorotoluene
Concen: 25.050 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. -0.185 min
Lab File: VN070132.D
Acq: 16 Dec 2021 12:49

Tgt Ion: 91 Resp: 1710174
Ion Ratio Lower Upper
91 100
126 0.3 18.2 54.6#

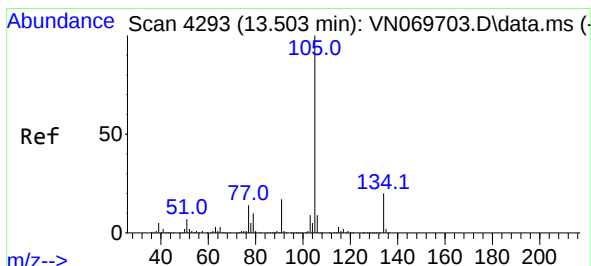
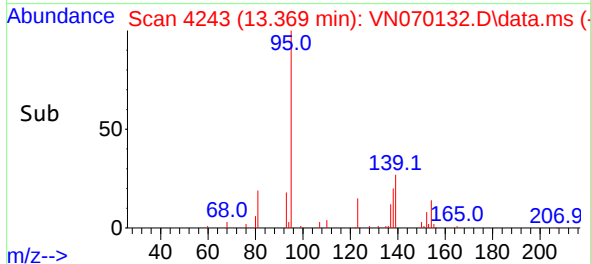
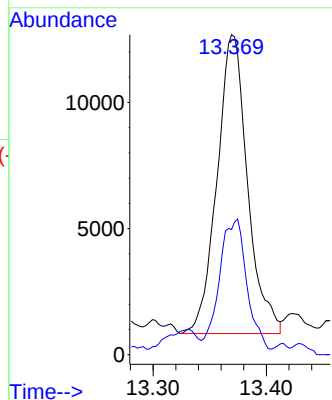
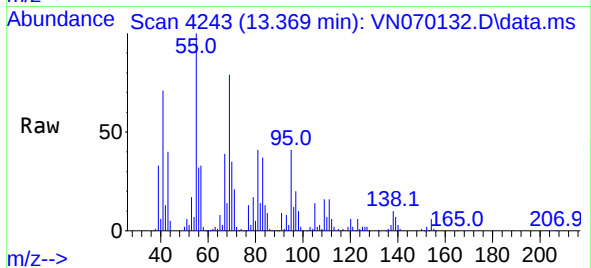




#84
1,2,4-Trimethylbenzene
Concen: 0.280 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. 0.000 min
Lab File: VN070132.D
Acq: 16 Dec 2021 12:49

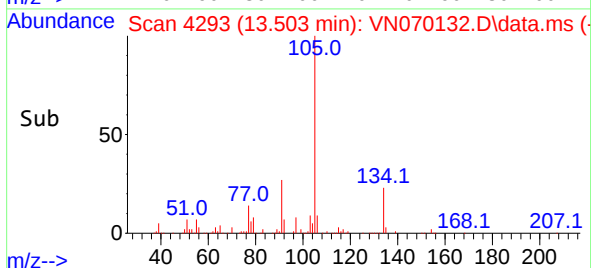
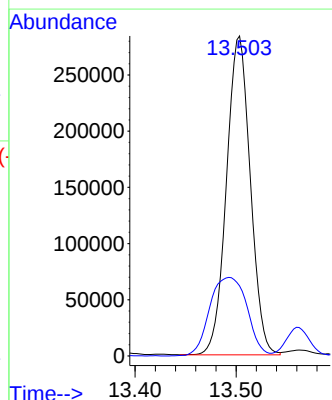
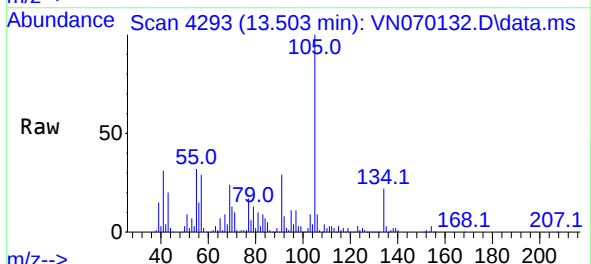
Instrument :
MSVOA_N
ClientSampleId :

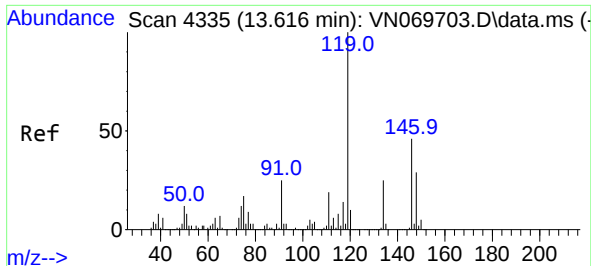
Tgt Ion:105 Resp: 22124
Ion Ratio Lower Upper
105 100
120 38.6 22.8 68.4



#85
sec-Butylbenzene
Concen: 4.652 ug/l
RT: 13.503 min Scan# 4293
Delta R.T. 0.000 min
Lab File: VN070132.D
Acq: 16 Dec 2021 12:49

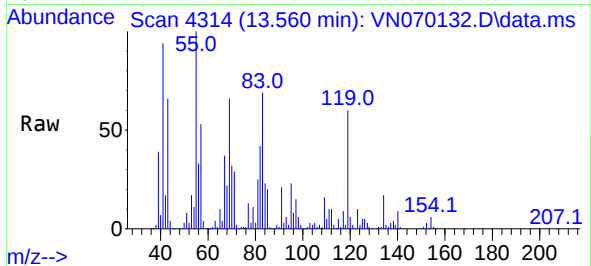
Tgt Ion:105 Resp: 464318
Ion Ratio Lower Upper
105 100
134 38.7 10.4 31.1#



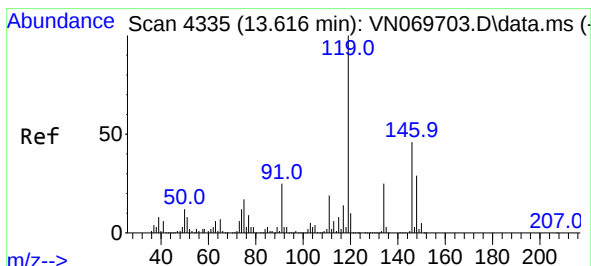
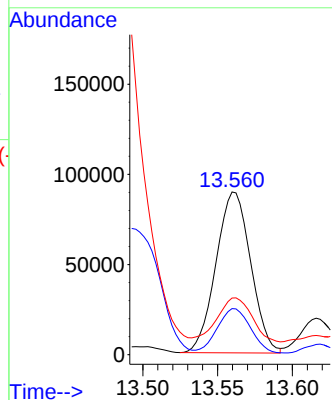
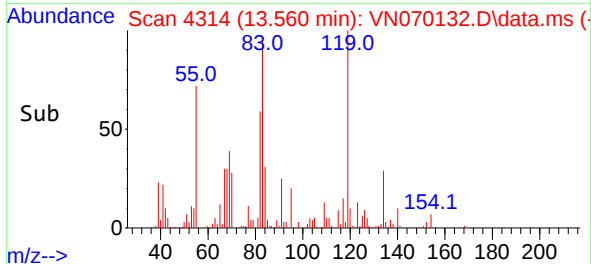


#86
p-Isopropyltoluene
Concen: 1.852 ug/l
RT: 13.560 min Scan# 41
Delta R.T. -0.056 min
Lab File: VN070132.D
Acq: 16 Dec 2021 12:49

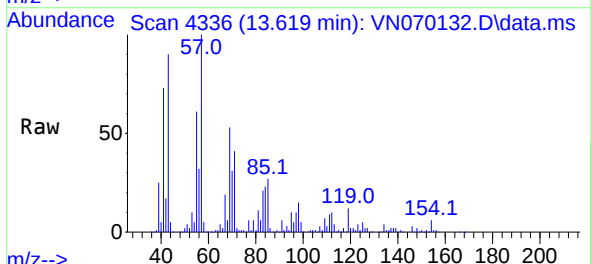
Instrument :
MSVOA_N
ClientSampleId :



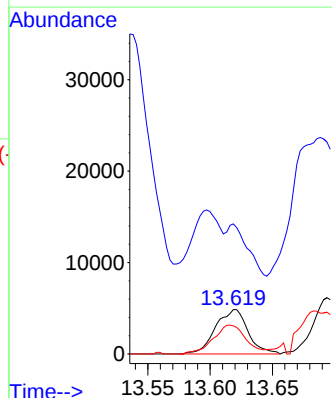
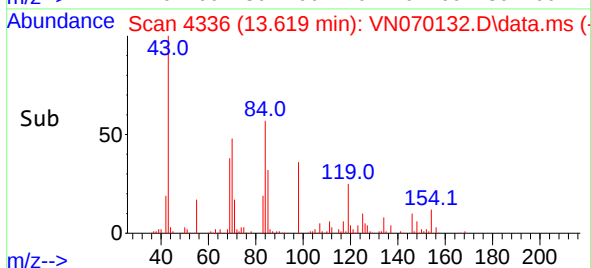
Tgt Ion:119 Resp: 144520
Ion Ratio Lower Upper
119 100
134 26.5 13.6 40.7
91 27.8 11.4 34.1

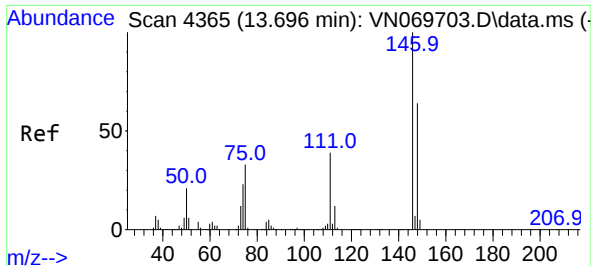


#87
1,3-Dichlorobenzene
Concen: 0.220 ug/l
RT: 13.619 min Scan# 4336
Delta R.T. 0.003 min
Lab File: VN070132.D
Acq: 16 Dec 2021 12:49



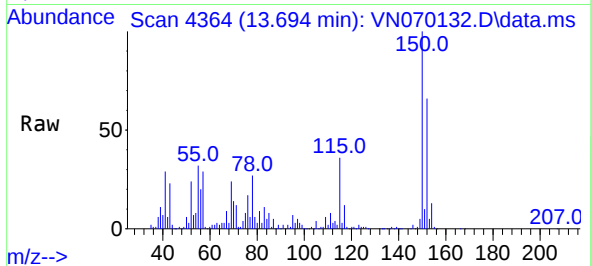
Tgt Ion:146 Resp: 8777
Ion Ratio Lower Upper
146 100
111 0.0 18.6 55.6#
148 64.9 31.6 95.0



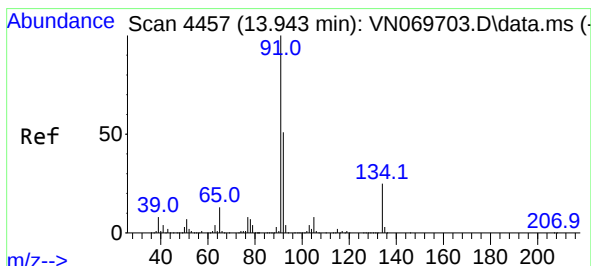
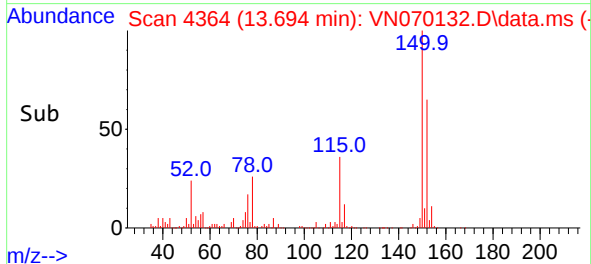
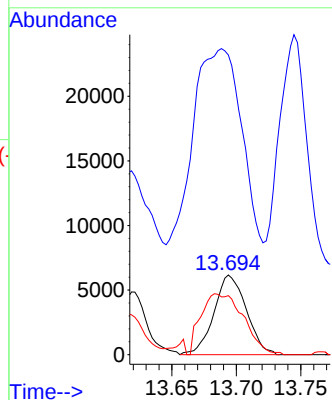


#88
1,4-Dichlorobenzene
Concen: 0.275 ug/l
RT: 13.694 min Scan# 41
Delta R.T. -0.002 min
Lab File: VN070132.D
Acq: 16 Dec 2021 12:49

Instrument :
MSVOA_N
ClientSampleId :

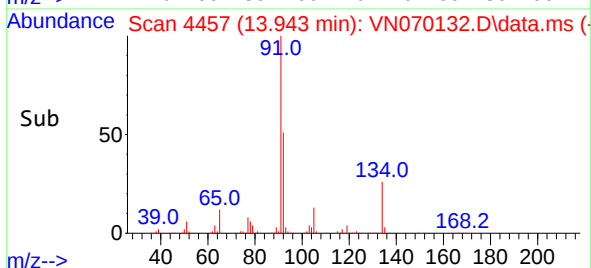
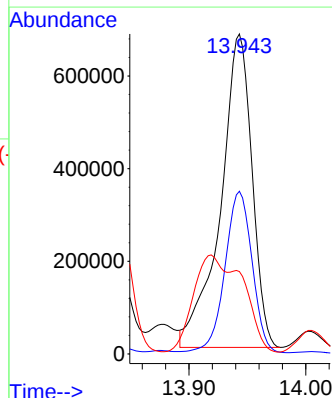
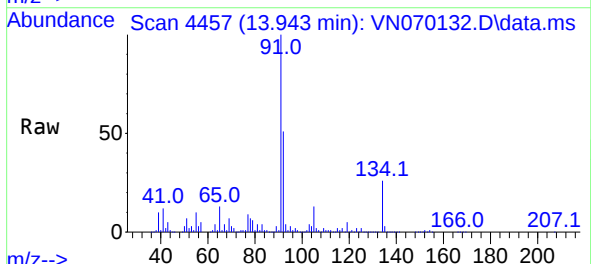


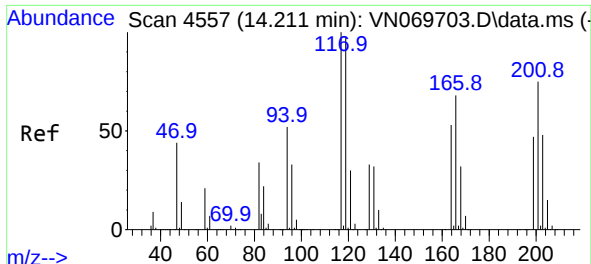
Tgt Ion:146 Resp: 10769
Ion Ratio Lower Upper
146 100
111 355.6 18.3 54.8#
148 100.8 31.8 95.4#



#89
n-Butylbenzene
Concen: 20.044 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. 0.000 min
Lab File: VN070132.D
Acq: 16 Dec 2021 12:49

Tgt Ion: 91 Resp: 1268464
Ion Ratio Lower Upper
91 100
92 44.4 25.4 76.0
134 0.0 13.6 40.8#

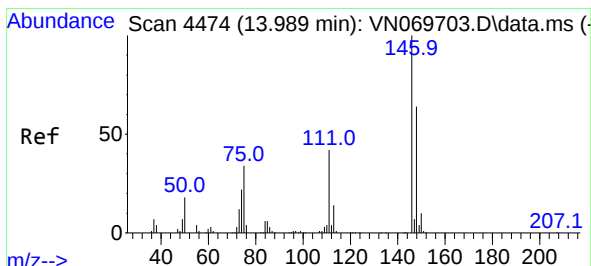
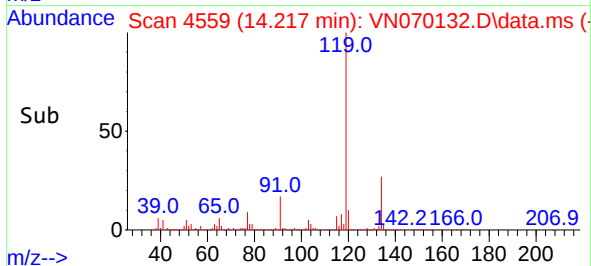
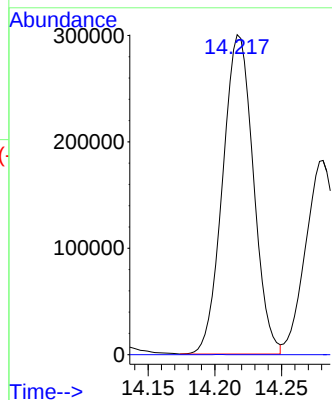
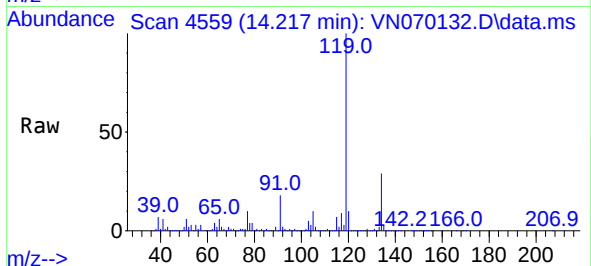




#90
Hexachloroethane
Concen: 35.033 ug/l
RT: 14.217 min Scan# 4559
Delta R.T. 0.006 min
Lab File: VN070132.D
Acq: 16 Dec 2021 12:49

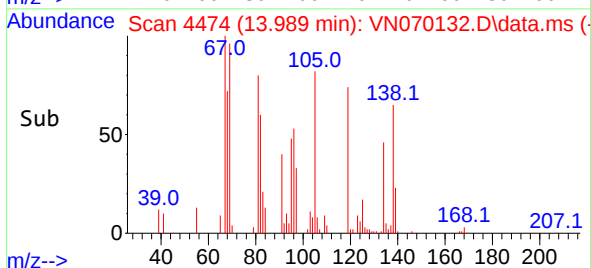
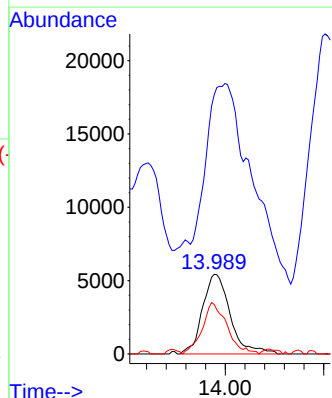
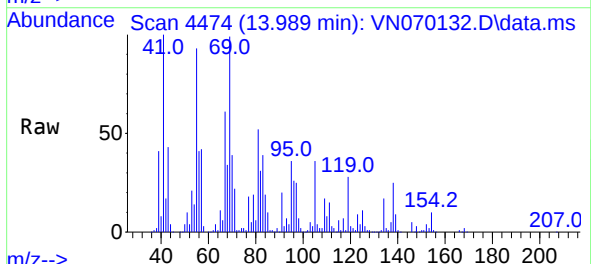
Instrument :
MSVOA_N
ClientSampleId :

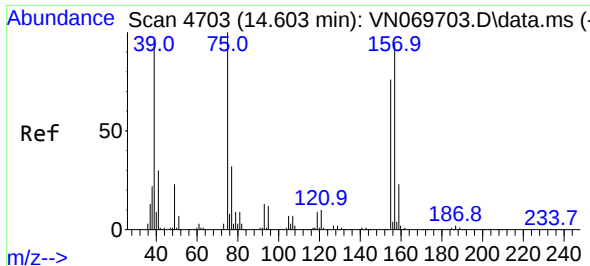
Tgt Ion:117 Resp: 479849
Ion Ratio Lower Upper
117 100
201 0.0 43.9 131.6#



#91
1,2-Dichlorobenzene
Concen: 0.274 ug/l
RT: 13.989 min Scan# 4474
Delta R.T. 0.000 min
Lab File: VN070132.D
Acq: 16 Dec 2021 12:49

Tgt Ion:146 Resp: 10624
Ion Ratio Lower Upper
146 100
111 419.5 19.1 57.3#
148 57.4 32.1 96.3

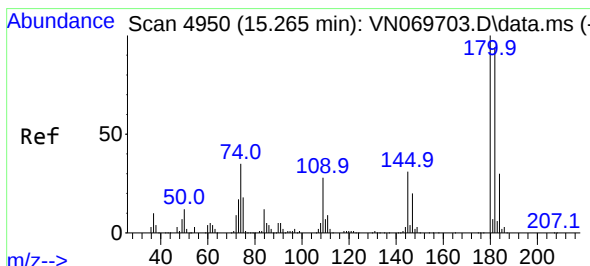
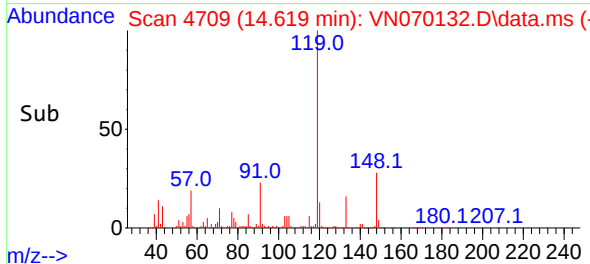
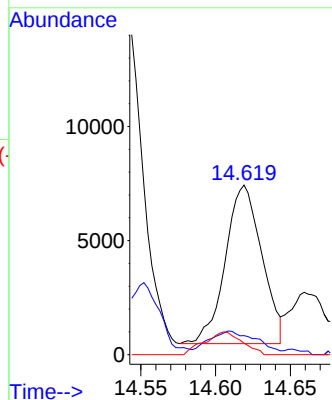
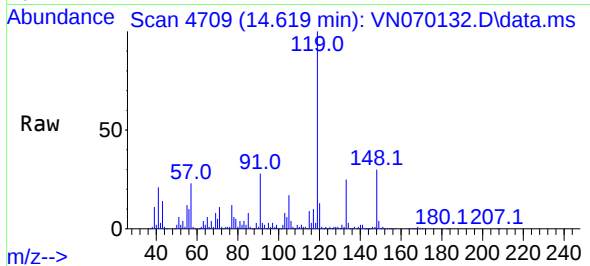




#92
1,2-Dibromo-3-Chloropropane
Concen: 1.830 ug/l
RT: 14.619 min Scan# 41
Delta R.T. 0.016 min
Lab File: VN070132.D
Acq: 16 Dec 2021 12:49

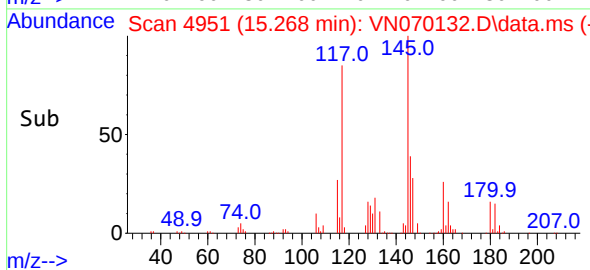
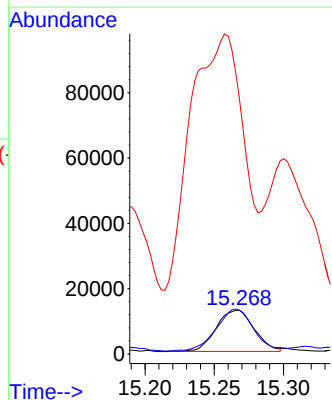
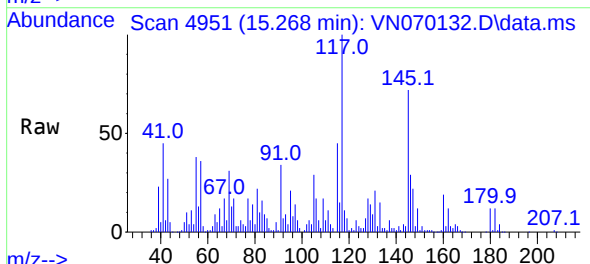
Instrument :
MSVOA_N
ClientSampleId :

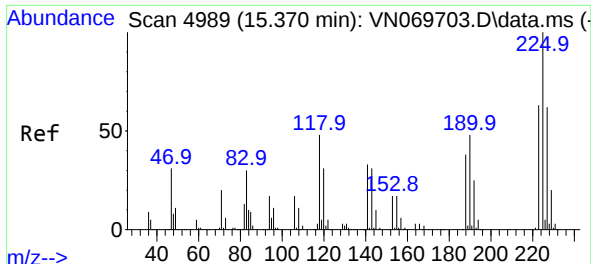
Tgt Ion: 75 Resp: 11805
Ion Ratio Lower Upper
75 100
155 19.6 46.9 140.7#
157 14.7 60.6 181.7#



#93
1,2,4-Trichlorobenzene
Concen: 4.067 ug/l
RT: 15.268 min Scan# 4951
Delta R.T. 0.003 min
Lab File: VN070132.D
Acq: 16 Dec 2021 12:49

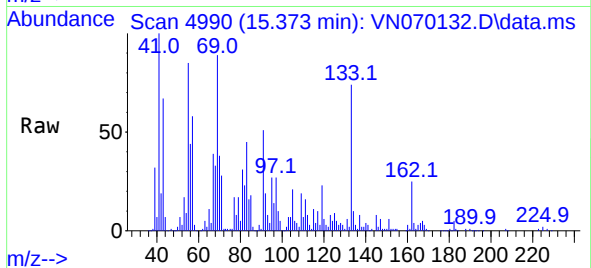
Tgt Ion:180 Resp: 24015
Ion Ratio Lower Upper
180 100
182 100.7 48.3 144.9
145 857.9 14.5 43.5#



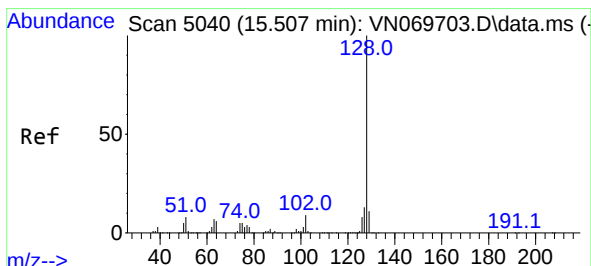
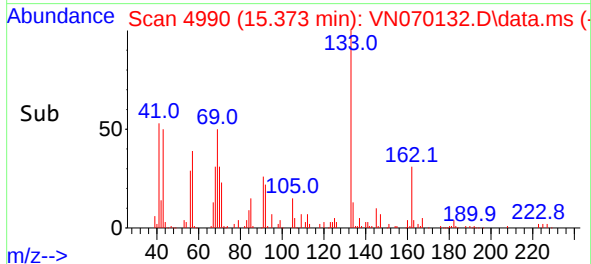
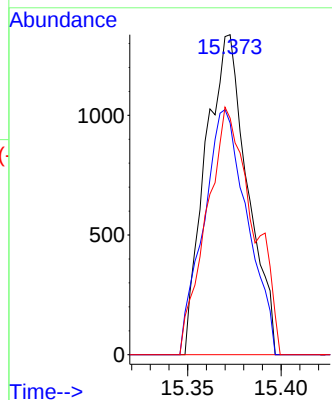


#94
Hexachlorobutadiene
Concen: 0.203 ug/l
RT: 15.373 min Scan# 4989
Delta R.T. 0.003 min
Lab File: VN070132.D
Acq: 16 Dec 2021 12:49

Instrument :
MSVOA_N
ClientSampleId :

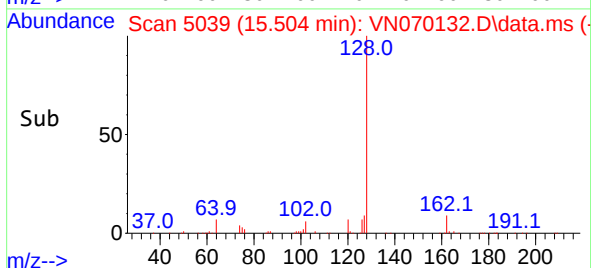
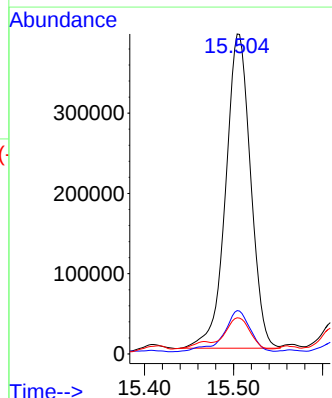
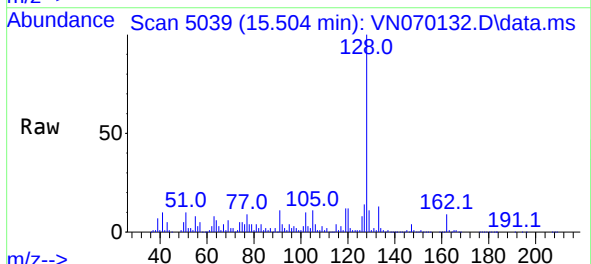


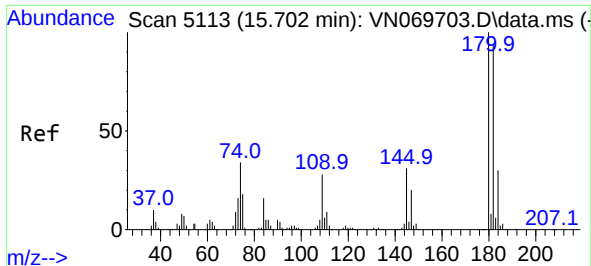
Tgt Ion:225 Resp: 2092
Ion Ratio Lower Upper
225 100
223 79.6 31.9 95.7
227 84.8 32.1 96.3



#95
Naphthalene
Concen: 16.335 ug/l
RT: 15.504 min Scan# 5039
Delta R.T. -0.003 min
Lab File: VN070132.D
Acq: 16 Dec 2021 12:49

Tgt Ion:128 Resp: 761027
Ion Ratio Lower Upper
128 100
127 14.6 10.5 15.7
129 9.3 8.7 13.1





#96

1,2,3-Trichlorobenzene

Concen: 4.171 ug/l

RT: 15.703 min Scan# 51

Delta R.T. 0.001 min

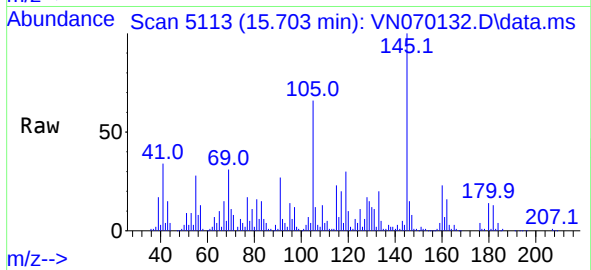
Lab File: VN070132.D

Acq: 16 Dec 2021 12:49

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:180 Resp: 33840

Ion Ratio Lower Upper

180 100

182 85.2 47.4 142.2

145 0.0 15.0 45.1#

