

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122721\
 Data File : VN070311.D
 Acq On : 27 Dec 2021 13:29
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Dec 27 15:12:58 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 27 14:58:32 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.086	168	1140295	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	2170856	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	2561913	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	1064989	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	864765	52.74	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	105.48%
35) Dibromofluoromethane	8.021	113	632661	48.17	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	96.34%
50) Toluene-d8	10.440	98	2885829	53.78	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	107.56%
62) 4-Bromofluorobenzene	12.731	95	1292776	66.71	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	133.42%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.070	85	4165	0.32	ug/l	82
3) Chloromethane	2.306	50	7007	0.40	ug/l	92
7) Trichlorofluoromethane	3.381	101	4966	0.26	ug/l #	84
10) Methyl Iodide	4.425	142	3570	0.22	ug/l #	74
13) Acrolein	4.047	56	6433	2.90	ug/l #	71
15) Acrylonitrile	5.559	53	17153	2.01	ug/l	96
16) Acetone	4.301	43	21273	2.00	ug/l	96
17) Carbon Disulfide	4.535	76	35183	1.11	ug/l	97
18) Methyl Acetate	4.856	43	7373	0.24	ug/l #	74
21) trans-1,2-Dichloroethene	5.597	96	3329	0.27	ug/l	93
23) Vinyl Acetate	6.439	43	13734	0.35	ug/l	98
25) 2-Butanone	7.345	43	22880	1.71	ug/l	95
27) cis-1,2-Dichloroethene	7.335	96	3831	0.26	ug/l	72
29) Tetrahydrofuran	7.705	42	11615	1.45	ug/l #	56
31) Cyclohexane	8.086	56	32257	1.25	ug/l #	29
36) 1,1-Dichloropropene	8.222	75	7815	0.36	ug/l	95
38) Carbon Tetrachloride	8.083	117	114037	5.50	ug/l #	17
39) Methylcyclohexane	9.461	83	6172	0.23	ug/l #	86
41) Methacrylonitrile	7.643	41	5269	0.37	ug/l #	64
42) 1,2-Dichloroethane	8.528	62	6926	0.28	ug/l	93
46) Dibromomethane	9.579	93	3109	0.28	ug/l	91
48) Methyl methacrylate	9.563	41	6087	0.29	ug/l #	76
49) 1,4-Dioxane	9.571	88	3339	10.77	ug/l #	68
51) 4-Methyl-2-Pentanone	10.330	43	47213	1.69	ug/l	91
52) Toluene	10.505	92	9853	0.24	ug/l	99
53) t-1,3-Dichloropropene	10.725	75	5259	0.22	ug/l #	87
55) 1,1,2-Trichloroethane	10.902	97	3891	0.24	ug/l #	83
56) Ethyl methacrylate	10.762	69	9618	0.36	ug/l #	85
58) 2-Chloroethyl Vinyl ether	10.049	63	1745	18.75	ug/l #	74
59) 2-Hexanone	11.089	43	104618	5.14	ug/l	96
61) 1,2-Dibromoethane	11.350	107	4189	0.26	ug/l	98
64) Tetrachloroethene	10.977	164	6202	0.33	ug/l	91
65) Chlorobenzene	11.771	112	19450	0.36	ug/l	95
67) Ethyl Benzene	11.846	91	26540	0.27	ug/l	98
68) m/p-Xylenes	11.953	106	22878	0.63	ug/l	99
69) o-Xylene	12.283	106	7365	0.20	ug/l	76

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

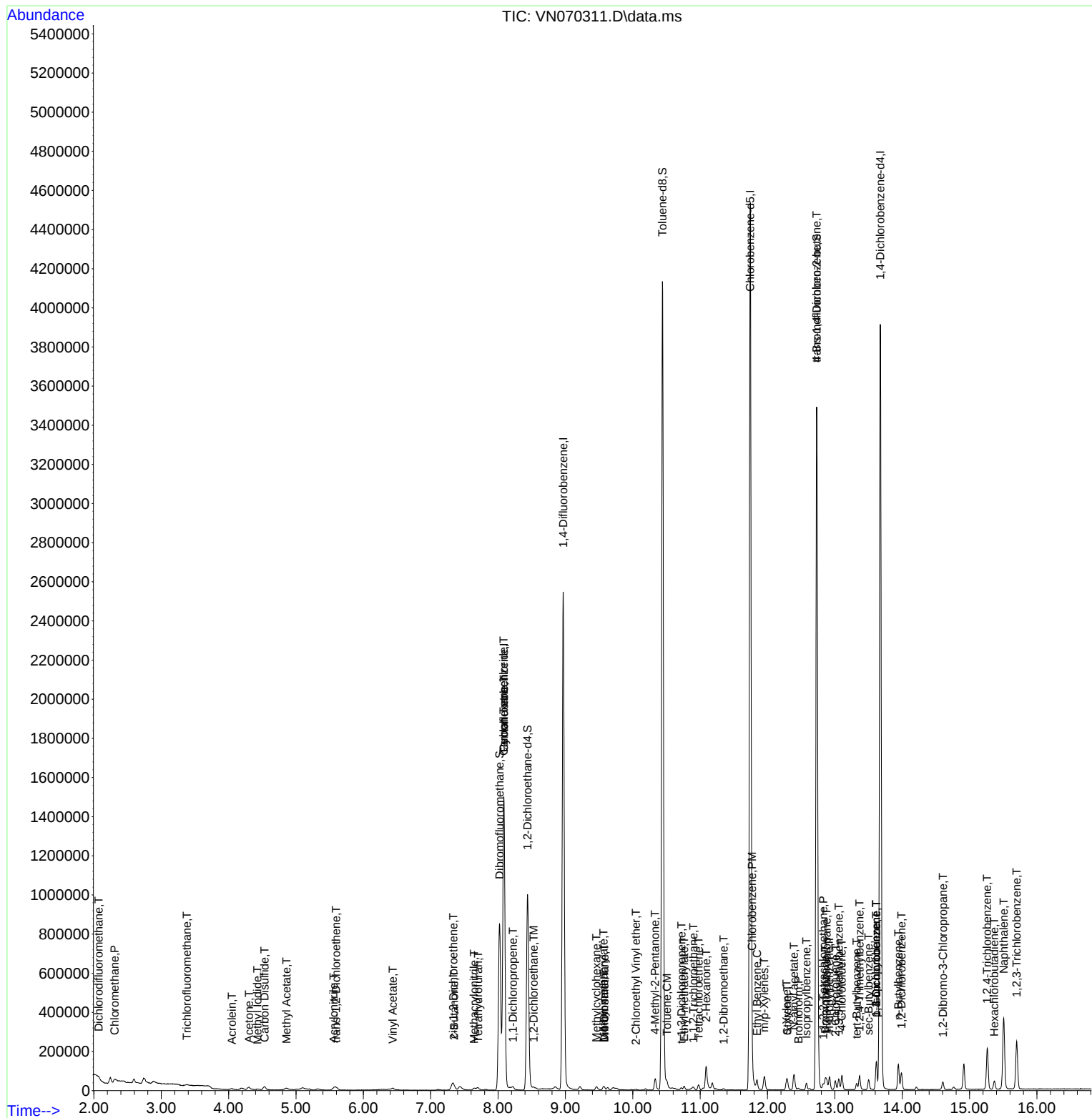
70) Styrene	12.294	104	21510	0.38	ug/l	96
71) Bromoform	12.460	173	3967	0.28	ug/l #	29
73) Isopropylbenzene	12.578	105	23557	0.24	ug/l	96
74) N-amyl acetate	12.393	43	54984	1.32	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.827	83	13838	0.83	ug/l #	95
76) 1,2,3-Trichloropropane	12.878	75	20953	3.27	ug/l #	1
77) Bromobenzene	12.857	156	12833	0.57	ug/l	76
78) n-propylbenzene	12.918	91	52053	0.48	ug/l	99
79) 2-Chlorotoluene	13.007	91	26719	0.38	ug/l	97
80) 1,3,5-Trimethylbenzene	13.061	105	22530	0.28	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.731	75	686575	78.76	ug/l #	5
82) 4-Chlorotoluene	13.104	91	44545	0.68	ug/l	96
83) tert-Butylbenzene	13.323	119	15896	0.23	ug/l	95
84) 1,2,4-Trimethylbenzene	13.366	105	36388	0.48	ug/l	97
85) sec-Butylbenzene	13.500	105	34817	0.37	ug/l	99
86) p-Isopropyltoluene	13.616	119	36109	0.49	ug/l	95
87) 1,3-Dichlorobenzene	13.616	146	35326	0.93	ug/l	96
88) 1,4-Dichlorobenzene	13.616	146	35326	0.95	ug/l	96
89) n-Butylbenzene	13.943	91	75821	1.22	ug/l	96
91) 1,2-Dichlorobenzene	13.989	146	36385	0.98	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.605	75	10474	1.83	ug/l	75
93) 1,2,4-Trichlorobenzene	15.263	180	72331	5.66	ug/l	98
94) Hexachlorobutadiene	15.367	225	9961	0.98	ug/l	96
95) Naphthalene	15.507	128	355153	8.85	ug/l	100
96) 1,2,3-Trichlorobenzene	15.700	180	92043	6.22	ug/l	97

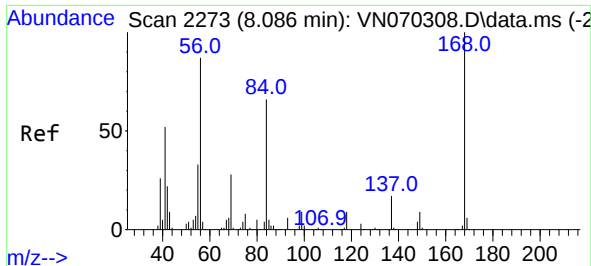
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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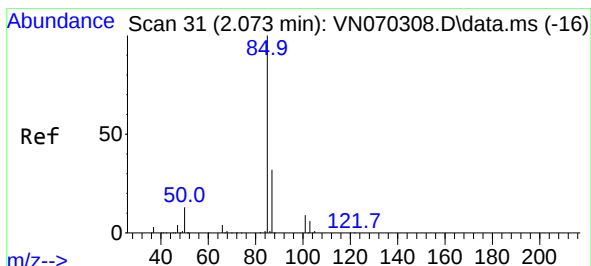
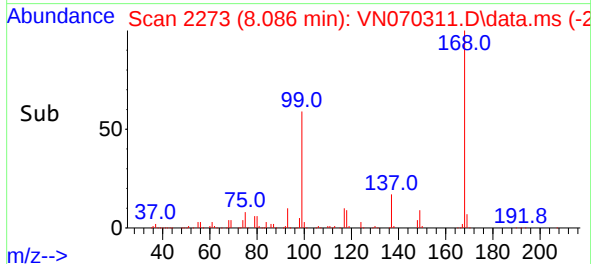
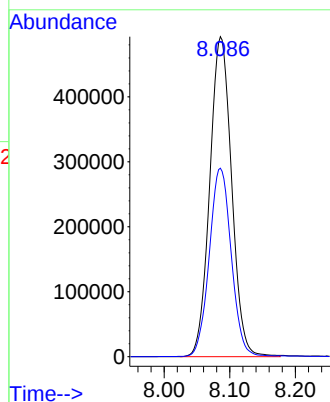
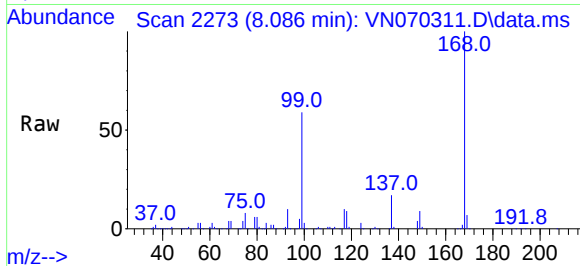




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070311.D
Acq: 27 Dec 2021 13:29

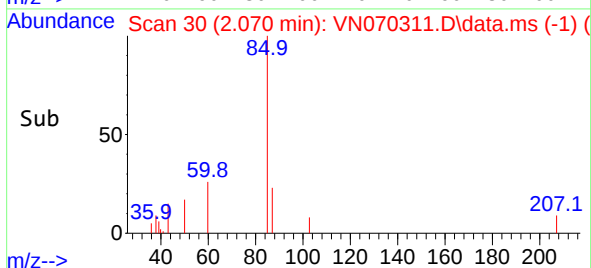
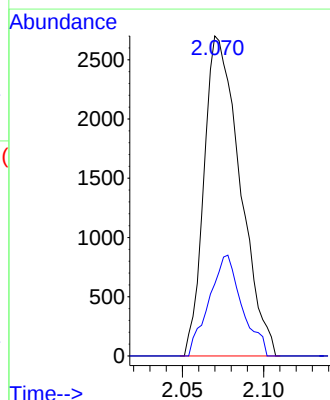
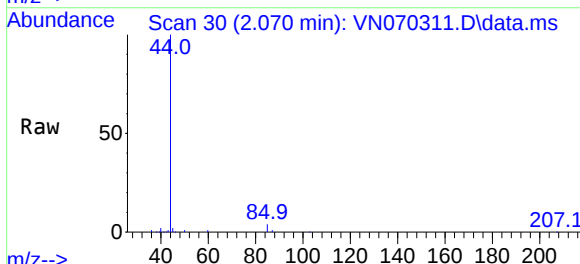
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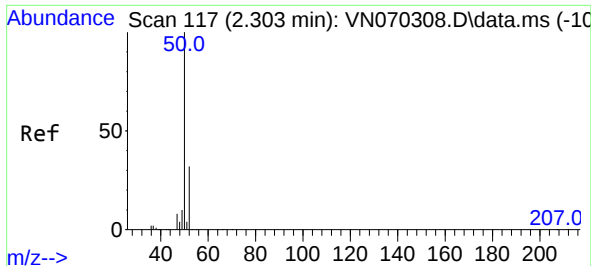
Tgt Ion:168 Resp: 1140295
Ion Ratio Lower Upper
168 100
99 58.8 41.3 61.9



#2
Dichlorodifluoromethane
Concen: 0.32 ug/l
RT: 2.070 min Scan# 30
Delta R.T. -0.003 min
Lab File: VN070311.D
Acq: 27 Dec 2021 13:29

Tgt Ion: 85 Resp: 4165
Ion Ratio Lower Upper
85 100
87 22.5 16.3 48.9

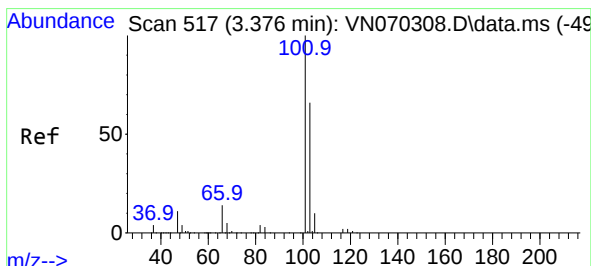
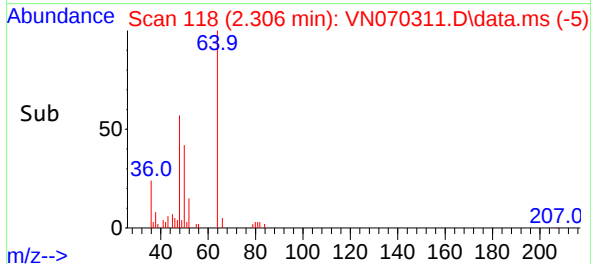
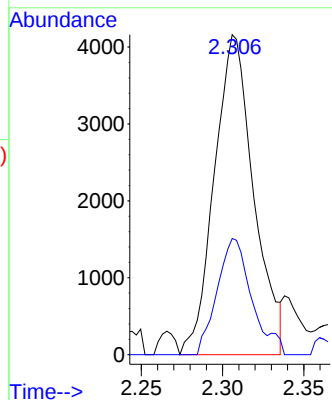
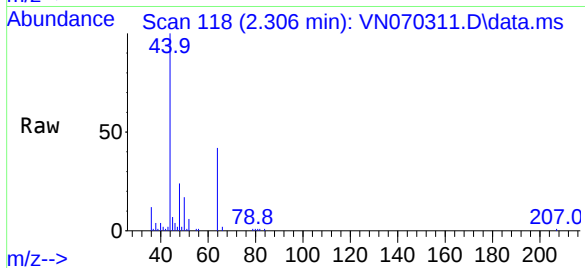




#3
Chloromethane
Concen: 0.40 ug/l
RT: 2.306 min Scan# 117
Delta R.T. 0.003 min
Lab File: VN070311.D
Acq: 27 Dec 2021 13:29

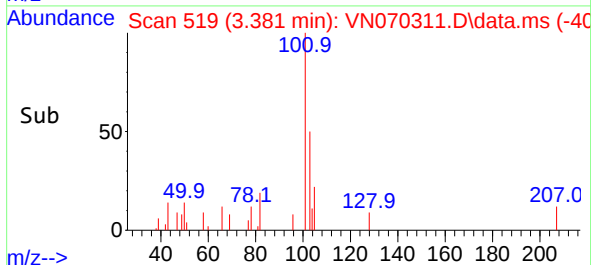
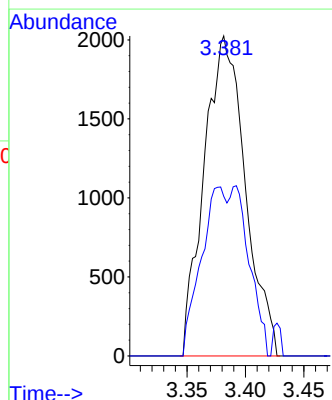
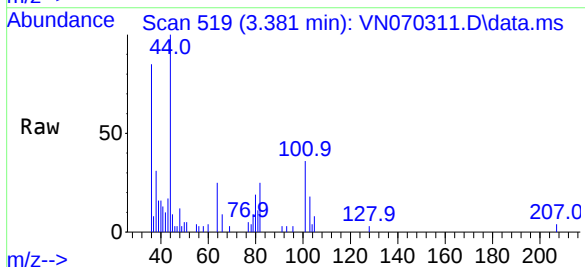
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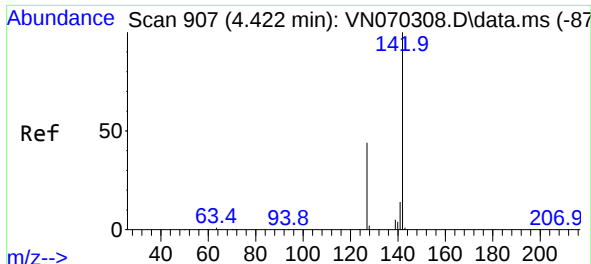
Tgt Ion: 50 Resp: 7007
Ion Ratio Lower Upper
50 100
52 36.3 25.4 38.0



#7
Trichlorofluoromethane
Concen: 0.26 ug/l
RT: 3.381 min Scan# 519
Delta R.T. 0.005 min
Lab File: VN070311.D
Acq: 27 Dec 2021 13:29

Tgt Ion: 101 Resp: 4966
Ion Ratio Lower Upper
101 100
103 49.9 50.1 75.1#

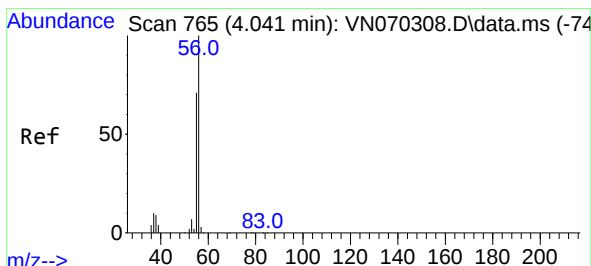
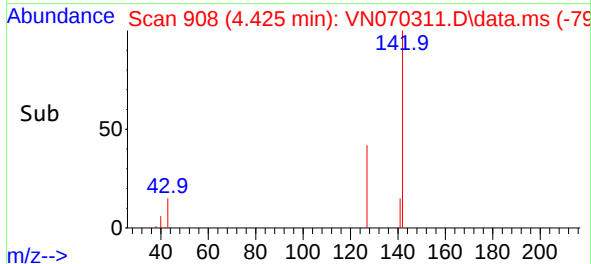
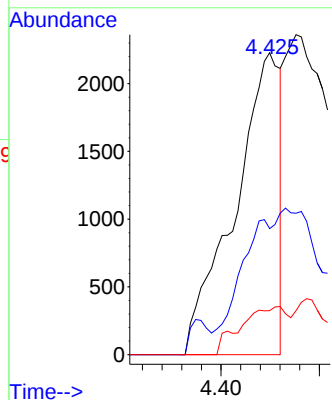
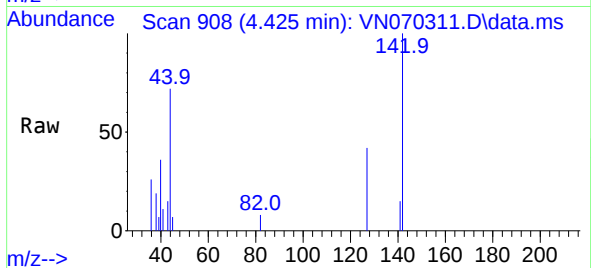




#10
Methyl Iodide
Concen: 0.22 ug/l
RT: 4.425 min Scan# 907
Delta R.T. 0.003 min
Lab File: VN070311.D
Acq: 27 Dec 2021 13:29

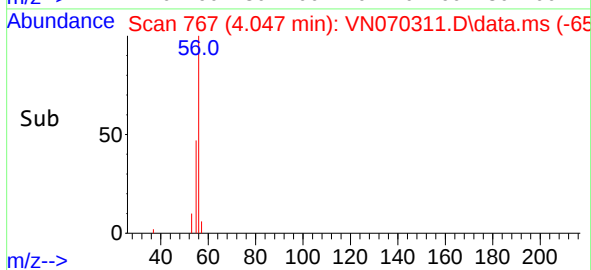
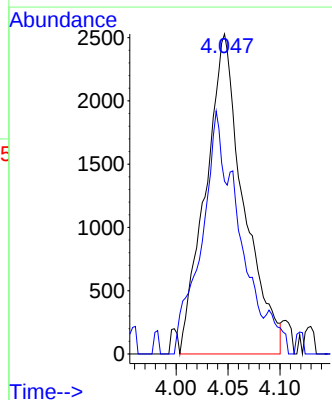
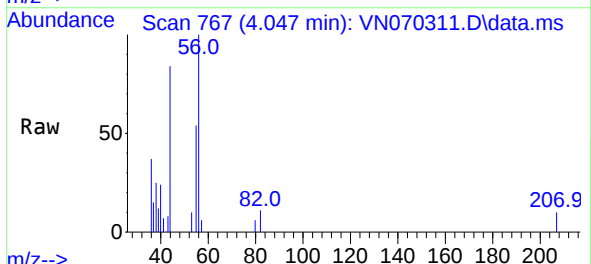
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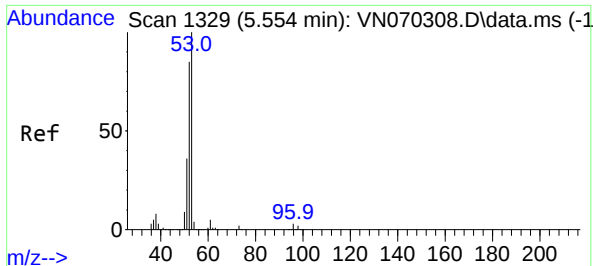
Tgt Ion:142 Resp: 3570
Ion Ratio Lower Upper
142 100
127 23.3 35.4 53.0#
141 16.7 11.6 17.4



#13
Acrolein
Concen: 2.90 ug/l
RT: 4.047 min Scan# 767
Delta R.T. 0.006 min
Lab File: VN070311.D
Acq: 27 Dec 2021 13:29

Tgt Ion: 56 Resp: 6433
Ion Ratio Lower Upper
56 100
55 46.7 56.6 85.0#

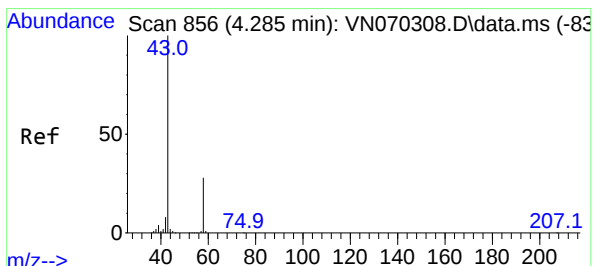
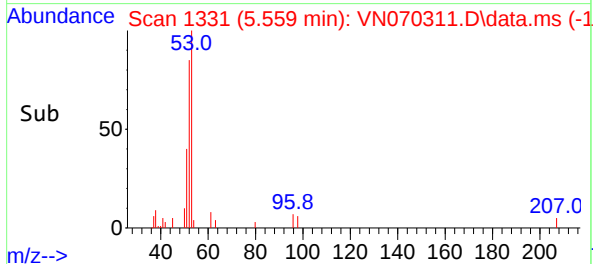
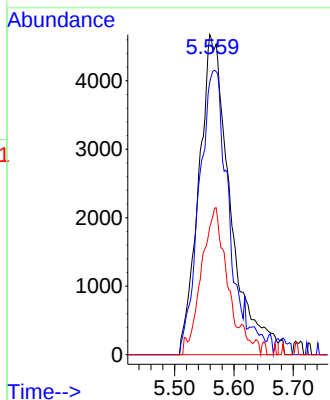
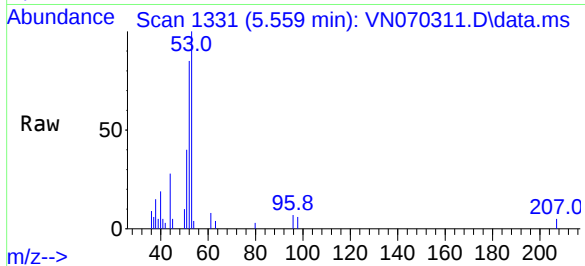




#15
Acrylonitrile
Concen: 2.01 ug/l
RT: 5.559 min Scan# 11
Delta R.T. 0.005 min
Lab File: VN070311.D
Acq: 27 Dec 2021 13:29

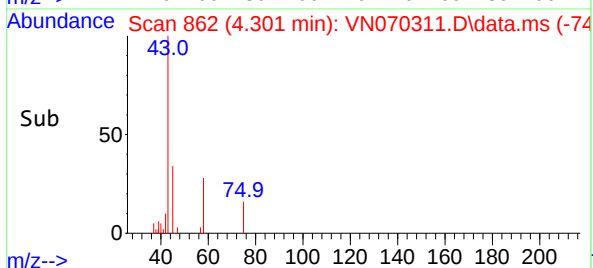
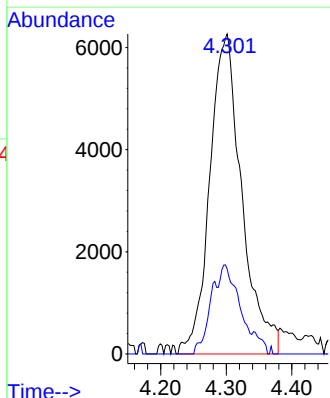
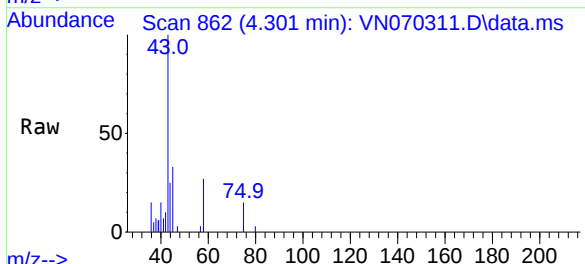
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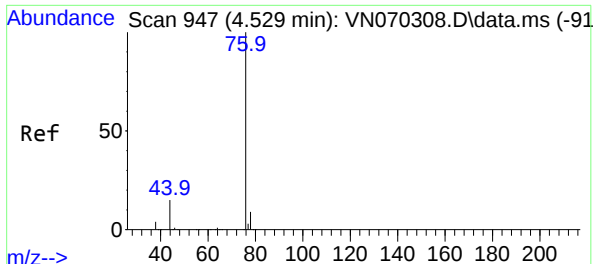
Tgt Ion: 53 Resp: 17153
Ion Ratio Lower Upper
53 100
52 81.3 66.2 99.2
51 32.0 29.6 44.4



#16
Acetone
Concen: 2.00 ug/l
RT: 4.301 min Scan# 862
Delta R.T. 0.016 min
Lab File: VN070311.D
Acq: 27 Dec 2021 13:29

Tgt Ion: 43 Resp: 21273
Ion Ratio Lower Upper
43 100
58 26.6 23.1 34.7

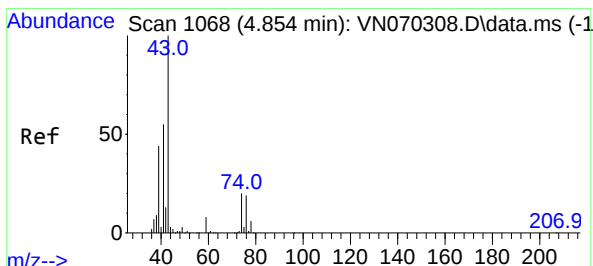
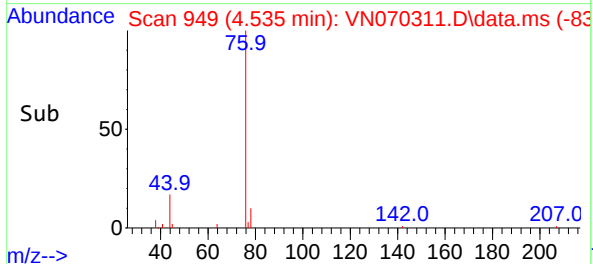
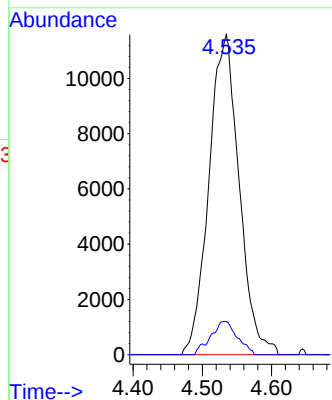
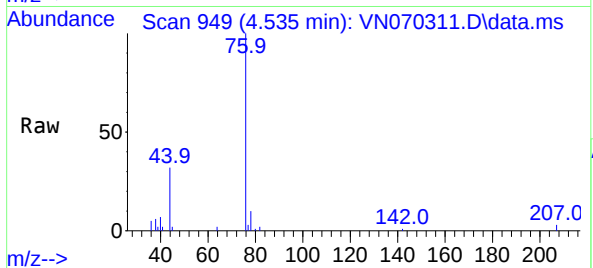




#17
Carbon Disulfide
Concen: 1.11 ug/l
RT: 4.535 min Scan# 947
Delta R.T. 0.006 min
Lab File: VN070311.D
Acq: 27 Dec 2021 13:29

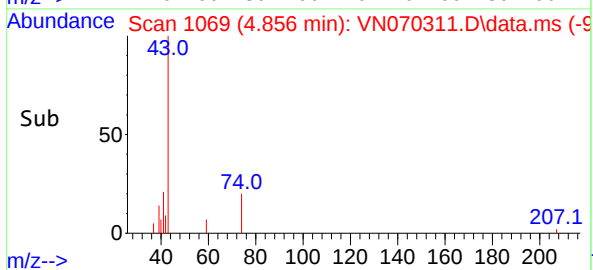
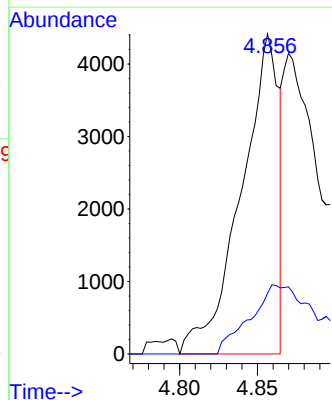
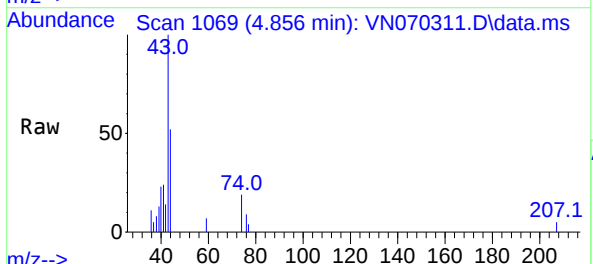
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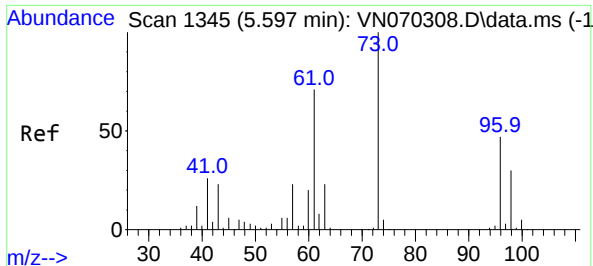
Tgt Ion: 76 Resp: 35183
Ion Ratio Lower Upper
76 100
78 10.3 7.5 11.3



#18
Methyl Acetate
Concen: 0.24 ug/l
RT: 4.856 min Scan# 1069
Delta R.T. 0.002 min
Lab File: VN070311.D
Acq: 27 Dec 2021 13:29

Tgt Ion: 43 Resp: 7373
Ion Ratio Lower Upper
43 100
74 37.0 19.4 29.2#





#21

trans-1,2-Dichloroethene

Concen: 0.27 ug/l

RT: 5.597 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN070311.D

Acq: 27 Dec 2021 13:29

Instrument :

MSVOA_N

ClientSampleId :

IBLK

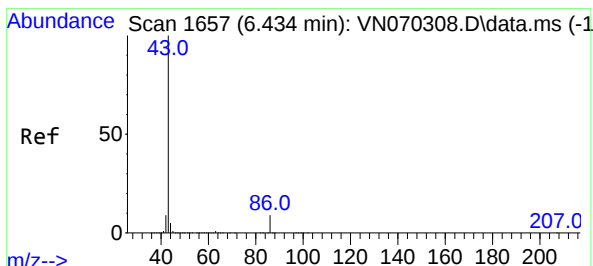
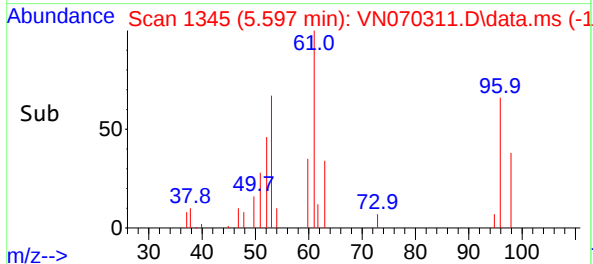
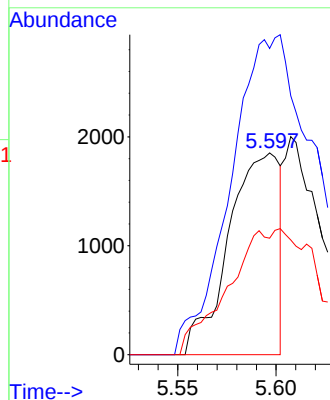
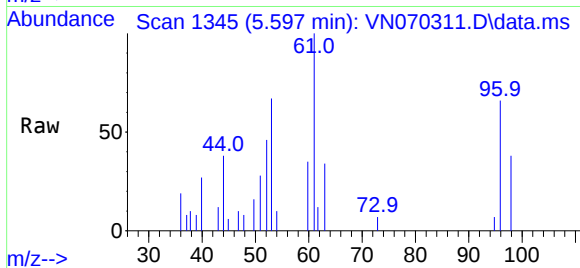
Tgt Ion: 96 Resp: 3329

Ion Ratio Lower Upper

96 100

61 139.3 105.8 158.6

98 57.7 52.0 78.0



#23

Vinyl Acetate

Concen: 0.35 ug/l

RT: 6.439 min Scan# 1659

Delta R.T. 0.005 min

Lab File: VN070311.D

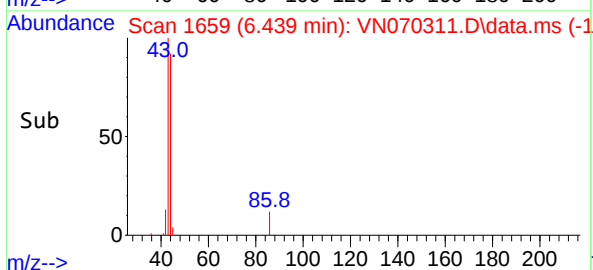
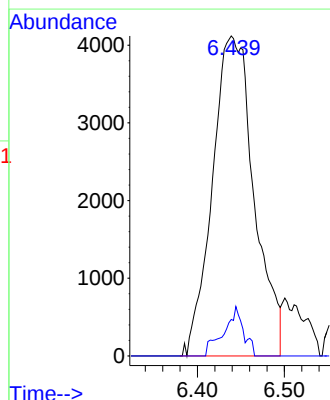
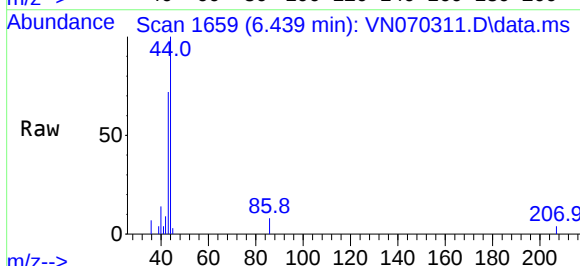
Acq: 27 Dec 2021 13:29

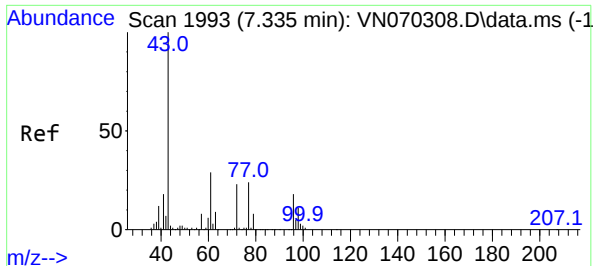
Tgt Ion: 43 Resp: 13734

Ion Ratio Lower Upper

43 100

86 11.4 8.5 12.7





#25

2-Butanone

Concen: 1.71 ug/l

RT: 7.345 min Scan# 1997

Delta R.T. 0.010 min

Lab File: VN070311.D

Acq: 27 Dec 2021 13:29

Instrument :

MSVOA_N

ClientSampleId :

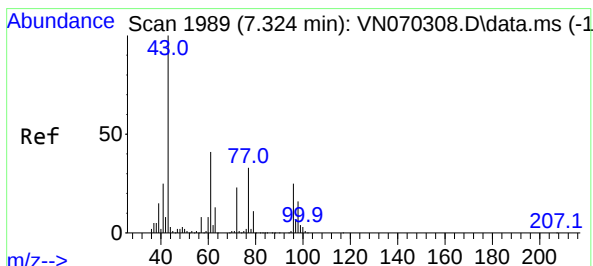
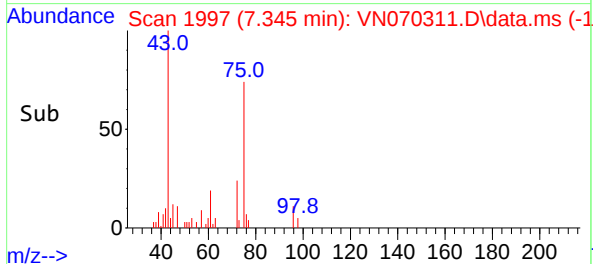
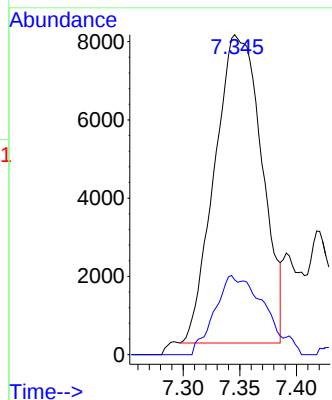
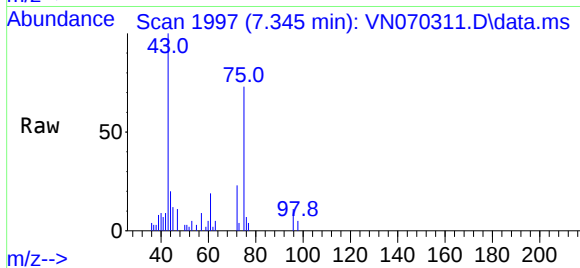
IBLK

Tgt Ion: 43 Resp: 22880

Ion Ratio Lower Upper

43 100

72 24.3 21.7 32.5



#27

cis-1,2-Dichloroethene

Concen: 0.26 ug/l

RT: 7.335 min Scan# 1993

Delta R.T. 0.011 min

Lab File: VN070311.D

Acq: 27 Dec 2021 13:29

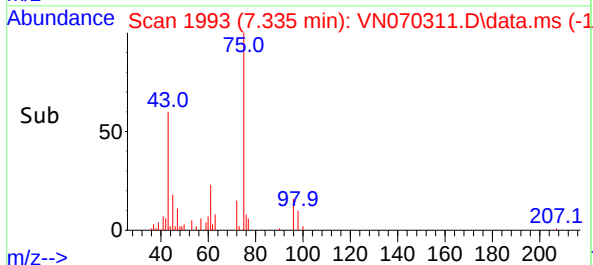
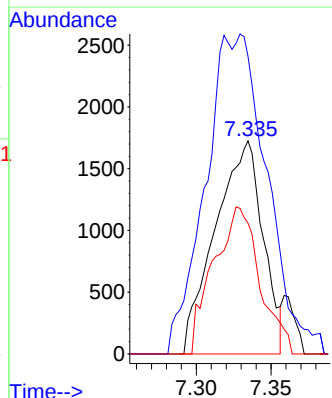
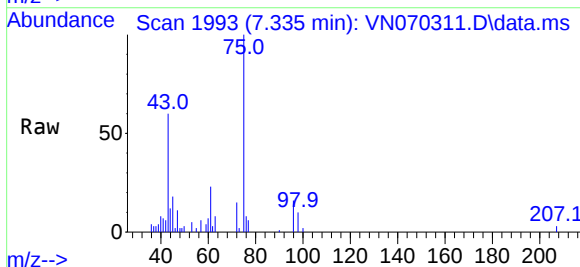
Tgt Ion: 96 Resp: 3831

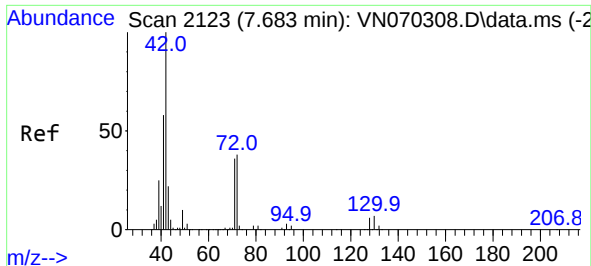
Ion Ratio Lower Upper

96 100

61 89.4 0.0 275.0

98 66.8 0.0 129.6





#29

Tetrahydrofuran

Concen: 1.45 ug/l

RT: 7.705 min Scan# 21

Delta R.T. 0.022 min

Lab File: VN070311.D

Acq: 27 Dec 2021 13:29

Instrument :

MSVOA_N

ClientSampleId :

IBLK

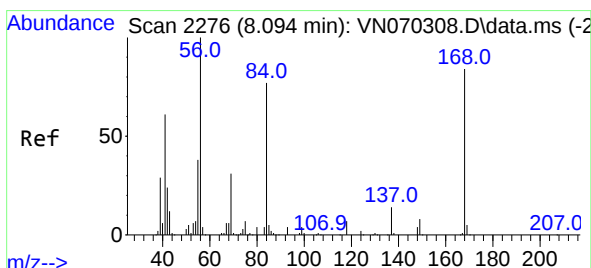
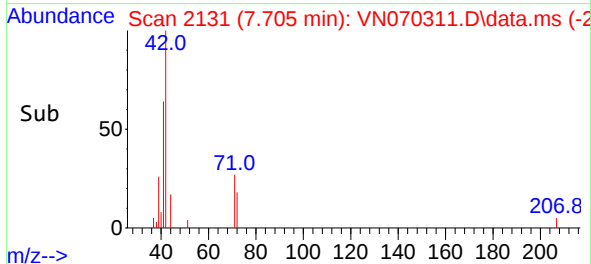
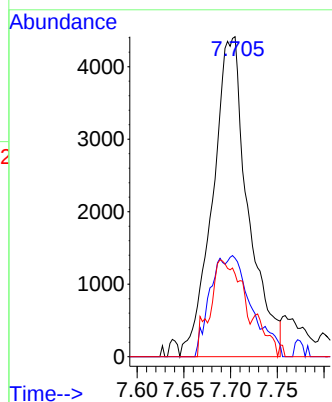
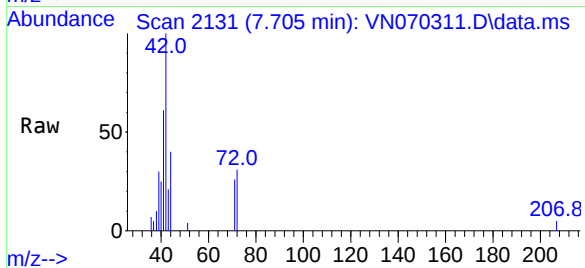
Tgt Ion: 42 Resp: 11615

Ion Ratio Lower Upper

42 100

72 14.5 36.3 54.5#

71 17.5 34.7 52.1#



#31

Cyclohexane

Concen: 1.25 ug/l

RT: 8.086 min Scan# 2273

Delta R.T. -0.008 min

Lab File: VN070311.D

Acq: 27 Dec 2021 13:29

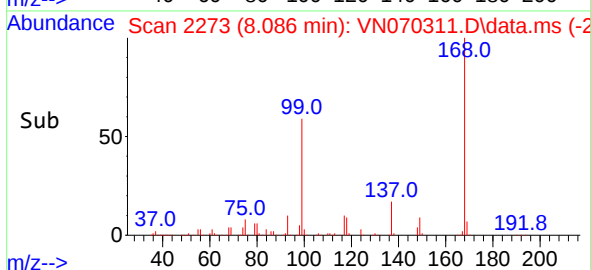
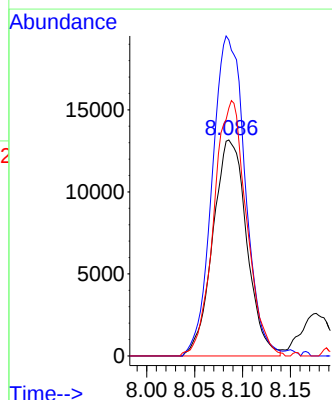
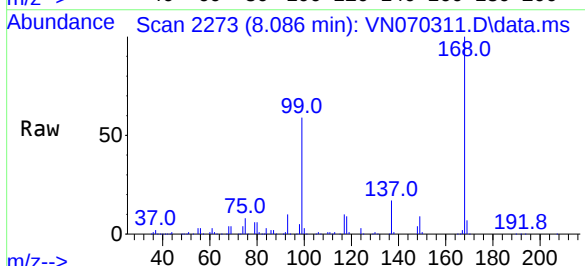
Tgt Ion: 56 Resp: 32257

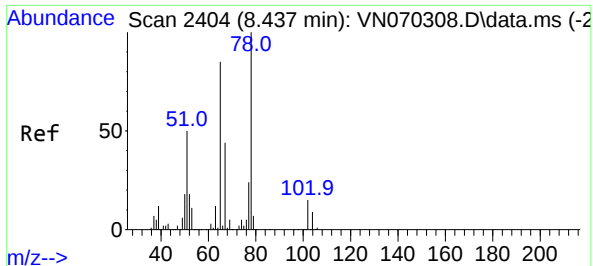
Ion Ratio Lower Upper

56 100

69 146.2 27.1 40.7#

84 114.7 73.4 110.0#





#33

1,2-Dichloroethane-d4

Concen: 52.74 ug/l

RT: 8.437 min Scan# 2404

Delta R.T. -0.000 min

Lab File: VN070311.D

Acq: 27 Dec 2021 13:29

Instrument :

MSVOA_N

ClientSampleId :

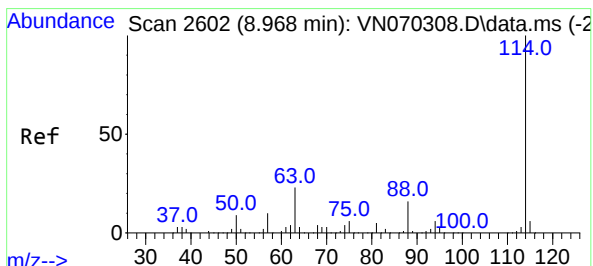
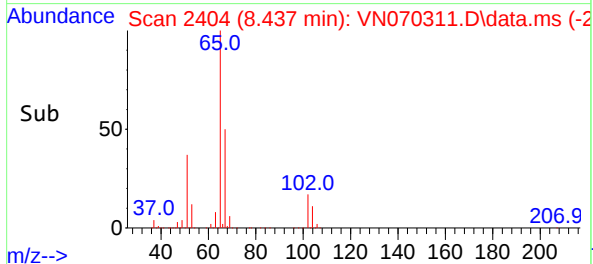
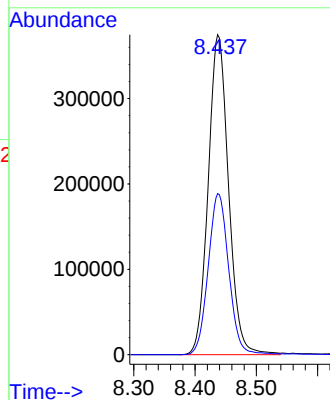
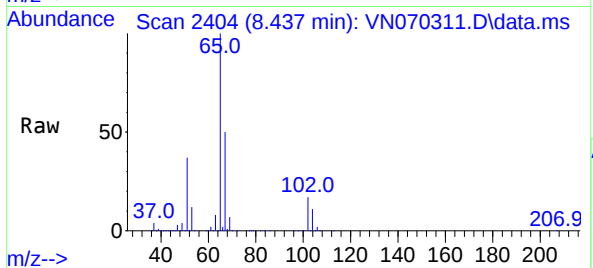
IBLK

Tgt Ion: 65 Resp: 864765

Ion Ratio Lower Upper

65 100

67 50.8 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.968 min Scan# 2602

Delta R.T. -0.000 min

Lab File: VN070311.D

Acq: 27 Dec 2021 13:29

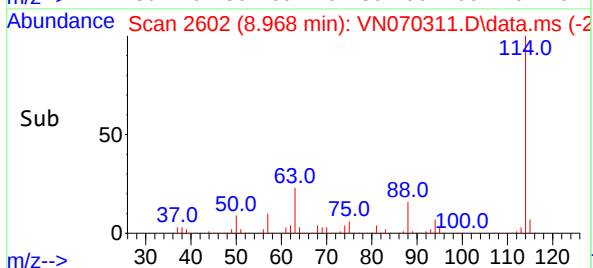
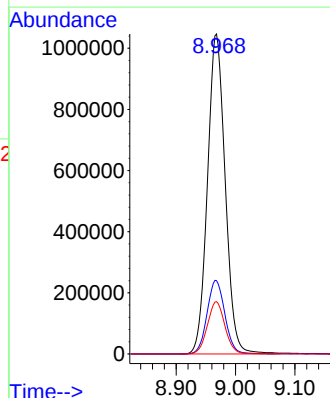
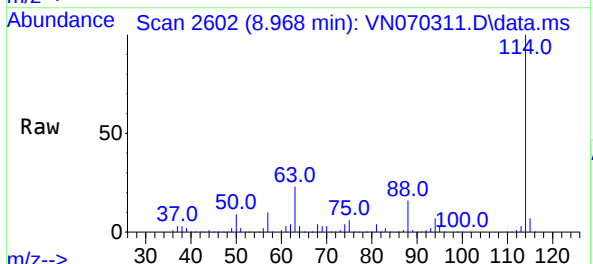
Tgt Ion: 114 Resp: 2170856

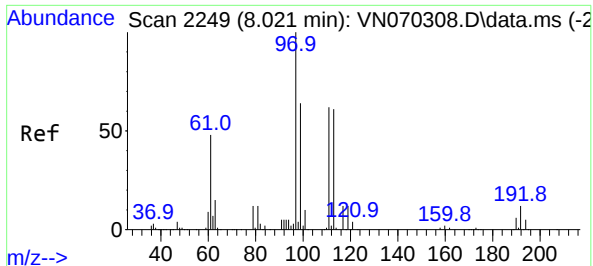
Ion Ratio Lower Upper

114 100

63 22.9 0.0 37.8

88 16.3 0.0 27.4

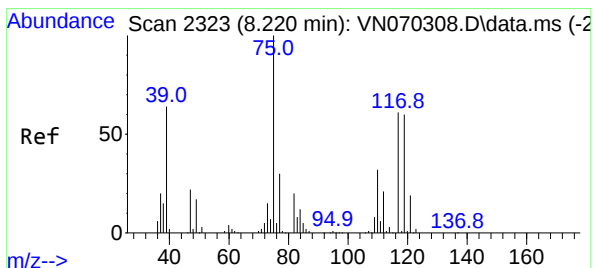
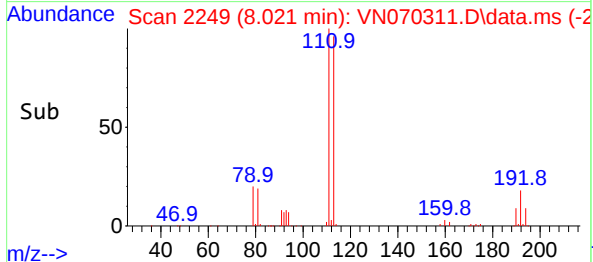
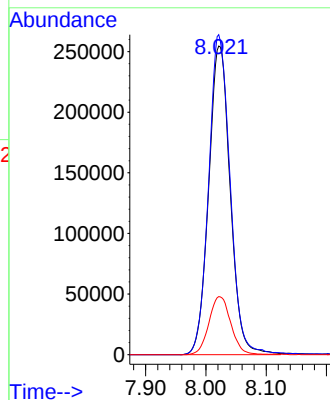
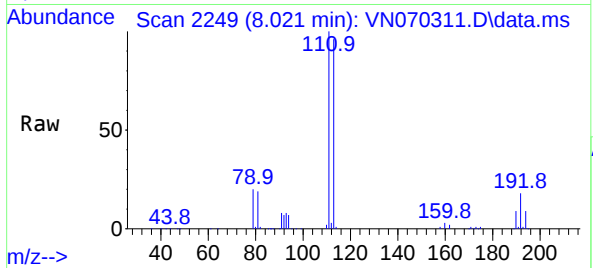




#35
Dibromofluoromethane
Concen: 48.17 ug/l
RT: 8.021 min Scan# 211
Delta R.T. 0.000 min
Lab File: VN070311.D
Acq: 27 Dec 2021 13:29

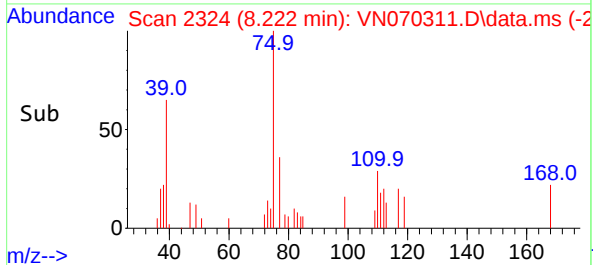
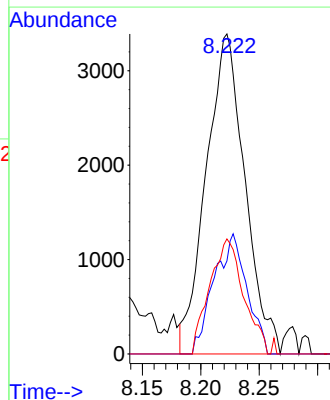
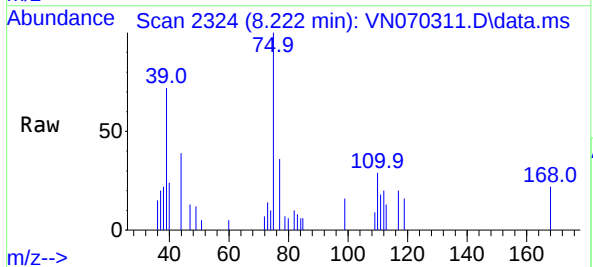
Instrument :
MSVOA_N
ClientSampleId :
IBLK

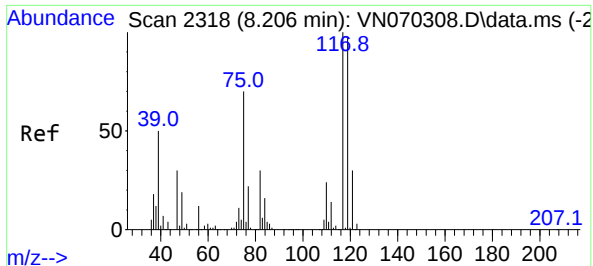
Tgt Ion:113 Resp: 632661
Ion Ratio Lower Upper
113 100
111 103.3 82.2 123.2
192 19.1 16.9 25.3



#36
1,1-Dichloropropene
Concen: 0.36 ug/l
RT: 8.222 min Scan# 2324
Delta R.T. 0.002 min
Lab File: VN070311.D
Acq: 27 Dec 2021 13:29

Tgt Ion: 75 Resp: 7815
Ion Ratio Lower Upper
75 100
110 32.0 18.4 55.2
77 31.5 24.4 36.6

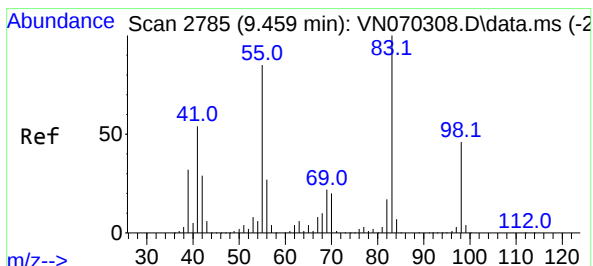
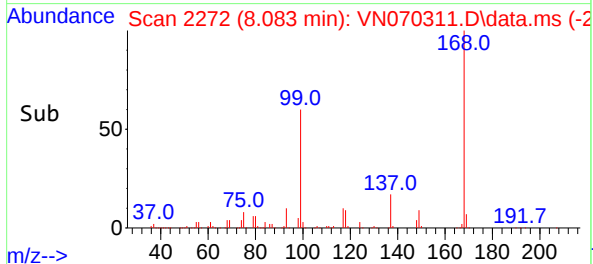
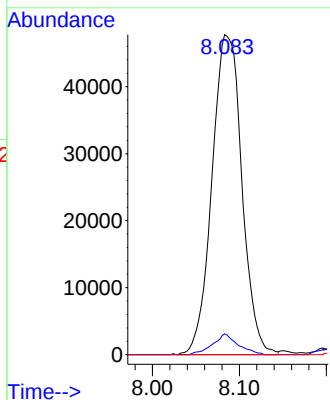
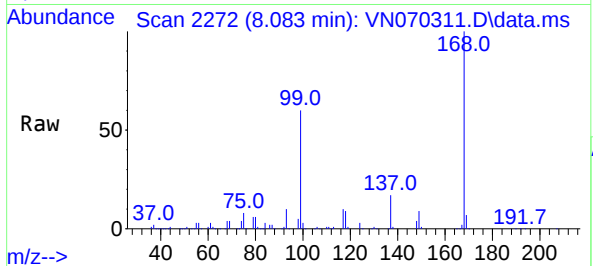




#38
Carbon Tetrachloride
Concen: 5.50 ug/l
RT: 8.083 min Scan# 211
Delta R.T. -0.123 min
Lab File: VN070311.D
Acq: 27 Dec 2021 13:29

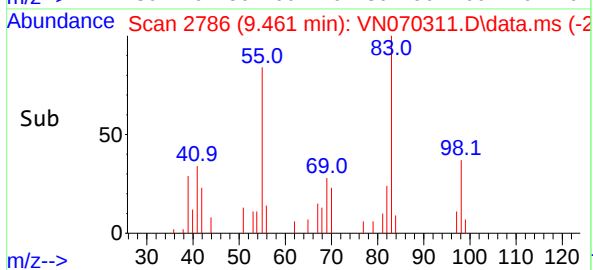
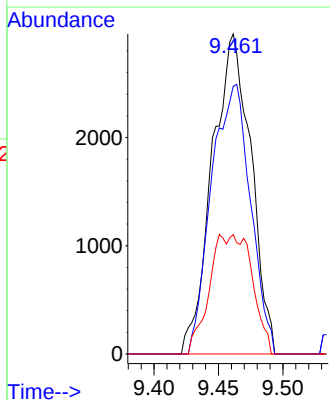
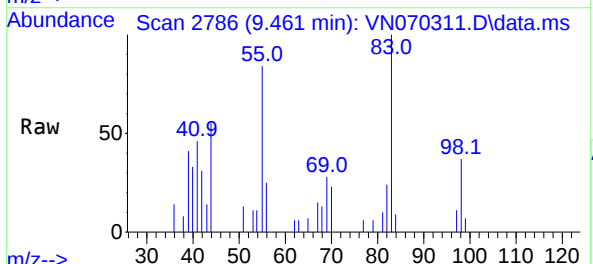
Instrument :
MSVOA_N
ClientSampleId :
IBLK

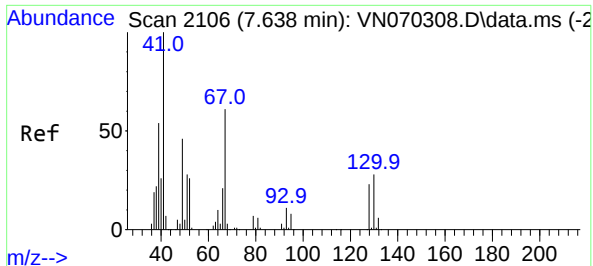
Tgt Ion:117 Resp: 114037
Ion Ratio Lower Upper
117 100
119 6.5 76.1 114.1#
121 0.0 24.2 36.2#



#39
Methylcyclohexane
Concen: 0.23 ug/l
RT: 9.461 min Scan# 2786
Delta R.T. 0.002 min
Lab File: VN070311.D
Acq: 27 Dec 2021 13:29

Tgt Ion: 83 Resp: 6172
Ion Ratio Lower Upper
83 100
55 83.6 58.1 87.1
98 37.3 38.4 57.6#

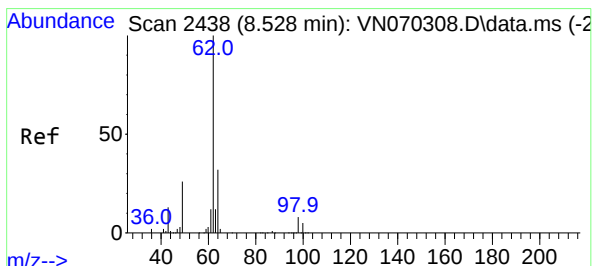
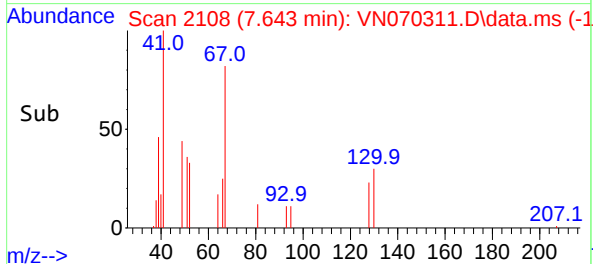
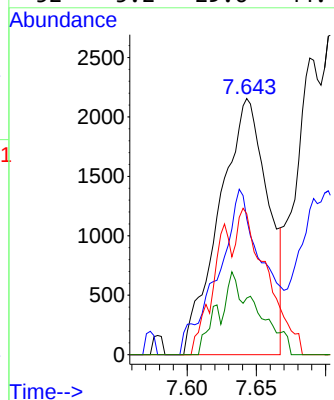
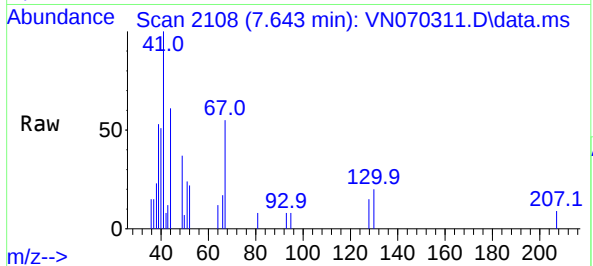




#41
Methacrylonitrile
Concen: 0.37 ug/l
RT: 7.643 min Scan# 2106
Delta R.T. 0.005 min
Lab File: VN070311.D
Acq: 27 Dec 2021 13:29

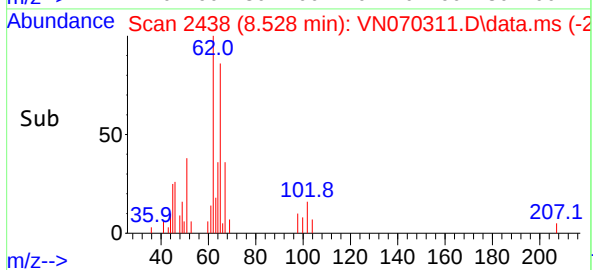
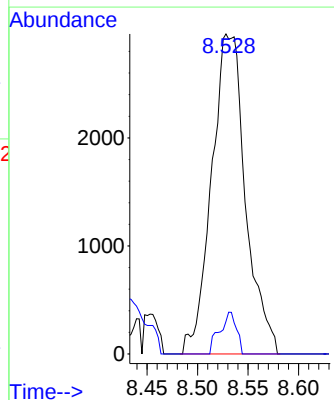
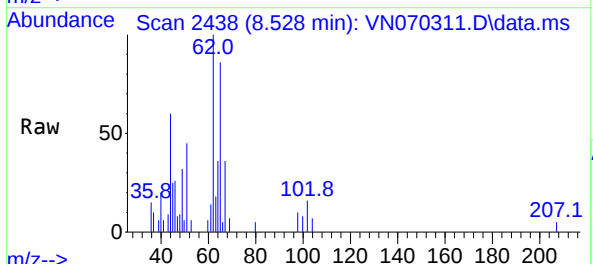
Instrument :
MSVOA_N
ClientSampleId :
IBLK

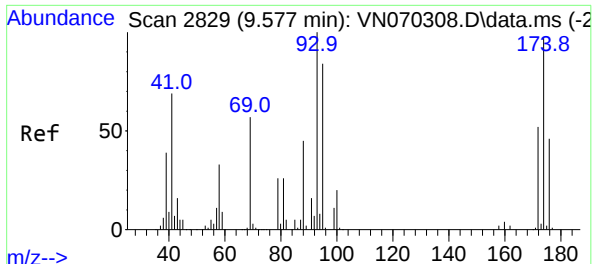
Tgt Ion: 41	Resp: 5269
Ion Ratio	Lower Upper
41 100	
39 61.0	48.1 72.1
67 36.5	68.3 102.5#
52 5.2	29.6 44.4#



#42
1,2-Dichloroethane
Concen: 0.28 ug/l
RT: 8.528 min Scan# 2438
Delta R.T. 0.000 min
Lab File: VN070311.D
Acq: 27 Dec 2021 13:29

Tgt Ion: 62	Resp: 6926		
Ion Ratio	Lower	Upper	
62 100			
98 6.4	0.0	17.6	

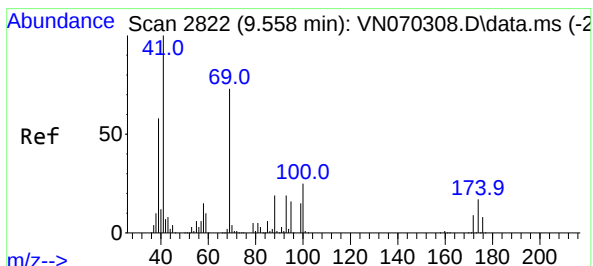
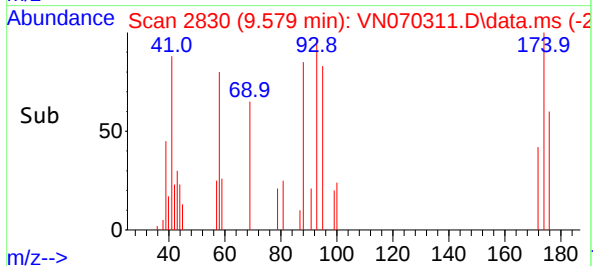
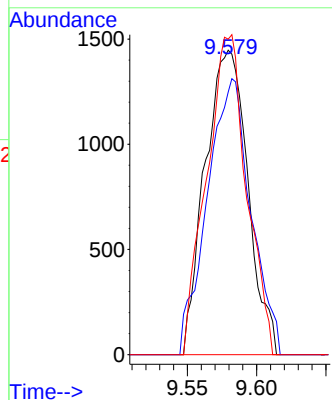
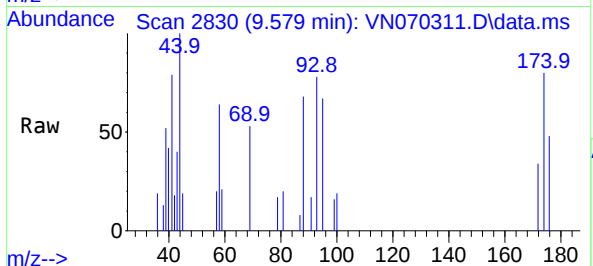




#46
Dibromomethane
Concen: 0.28 ug/l
RT: 9.579 min Scan# 2829
Delta R.T. 0.002 min
Lab File: VN070311.D
Acq: 27 Dec 2021 13:29

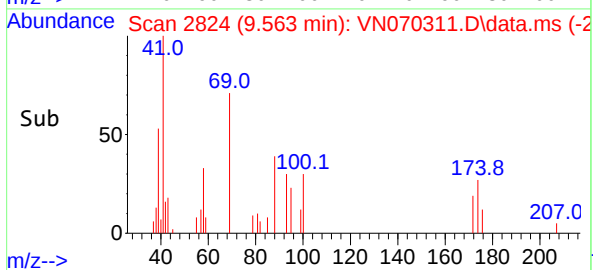
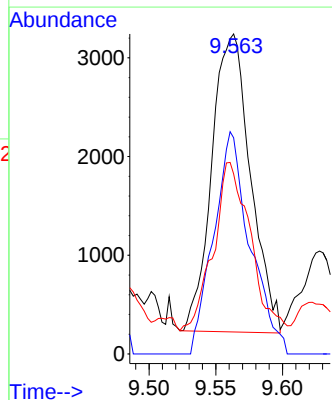
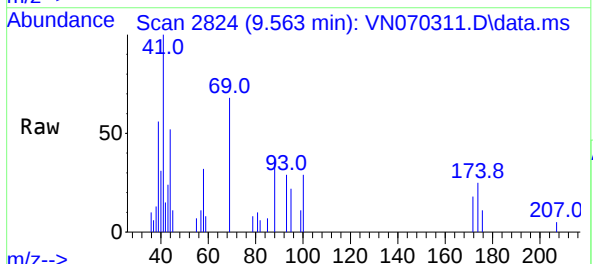
Instrument :
MSVOA_N
ClientSampleId :
IBLK

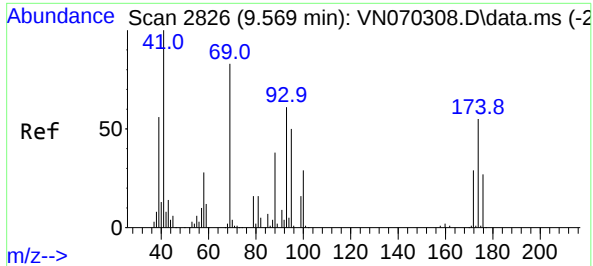
Tgt Ion: 93 Resp: 3109
Ion Ratio Lower Upper
93 100
95 92.1 65.9 98.9
174 98.3 84.6 127.0



#48
Methyl methacrylate
Concen: 0.29 ug/l
RT: 9.563 min Scan# 2824
Delta R.T. 0.005 min
Lab File: VN070311.D
Acq: 27 Dec 2021 13:29

Tgt Ion: 41 Resp: 6087
Ion Ratio Lower Upper
41 100
69 70.2 72.4 108.6#
39 50.8 58.4 87.6#

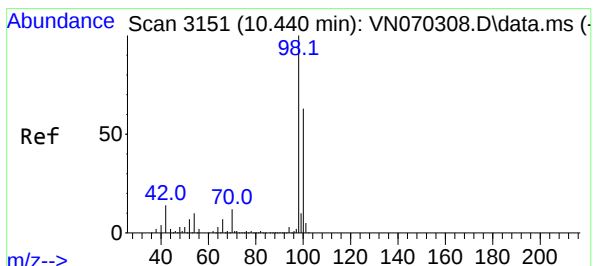
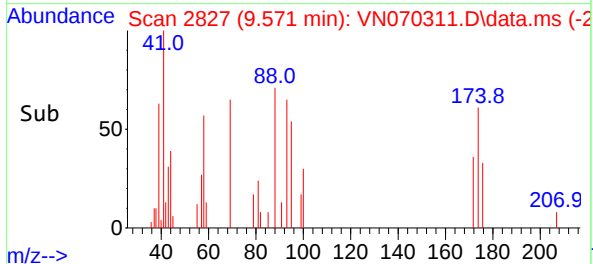
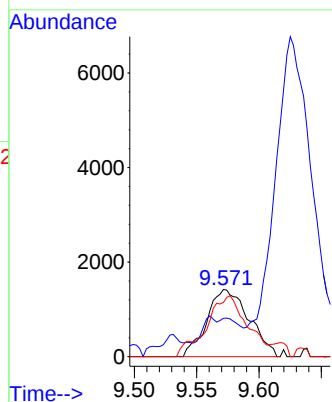
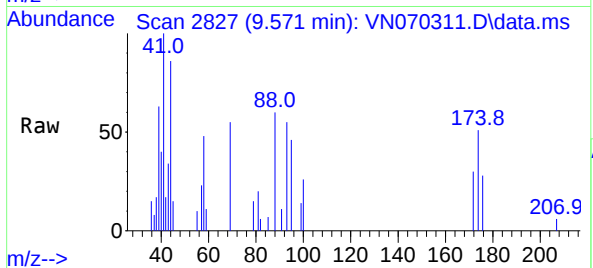




#49
1,4-Dioxane
Concen: 10.77 ug/l
RT: 9.571 min Scan# 2827
Delta R.T. 0.002 min
Lab File: VN070311.D
Acq: 27 Dec 2021 13:29

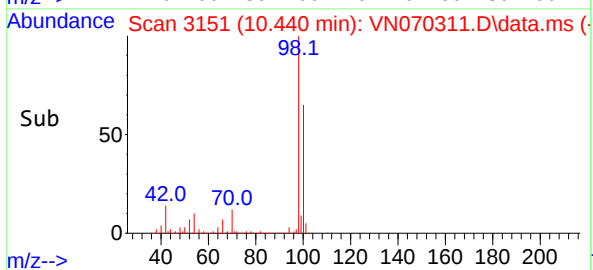
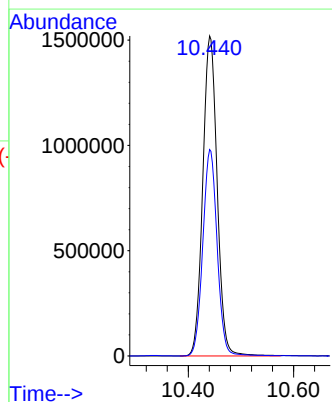
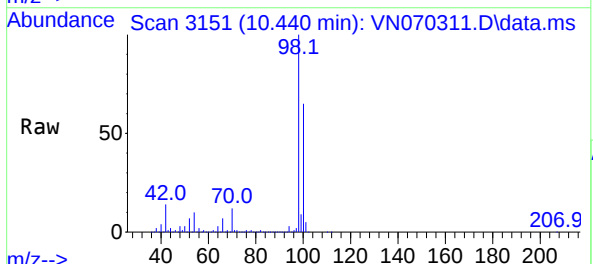
Instrument :
MSVOA_N
ClientSampleId :
IBLK

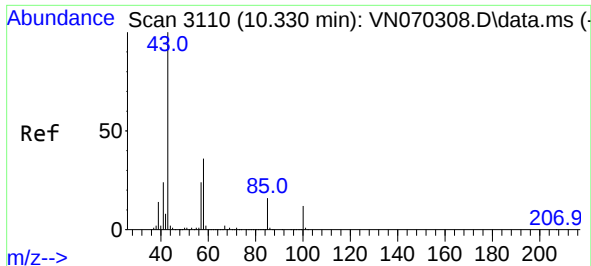
Tgt Ion: 88 Resp: 3339
Ion Ratio Lower Upper
88 100
43 12.3 23.4 35.2#
58 88.2 50.6 75.8#



#50
Toluene-d8
Concen: 53.78 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VN070311.D
Acq: 27 Dec 2021 13:29

Tgt Ion: 98 Resp: 2885829
Ion Ratio Lower Upper
98 100
100 64.1 50.4 75.6

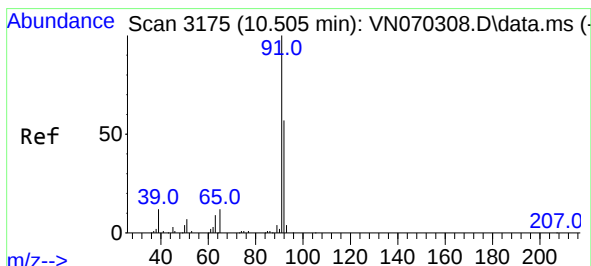
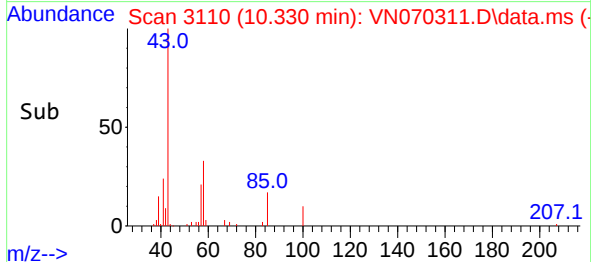
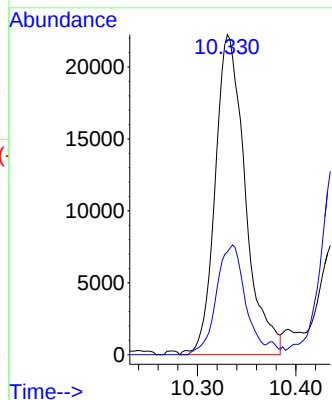
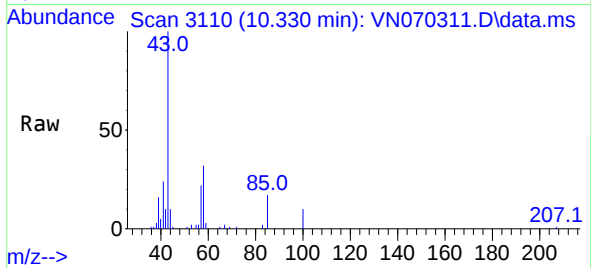




#51
4-Methyl-2-Pentanone
Concen: 1.69 ug/l
RT: 10.330 min Scan# 3110
Delta R.T. 0.000 min
Lab File: VN070311.D
Acq: 27 Dec 2021 13:29

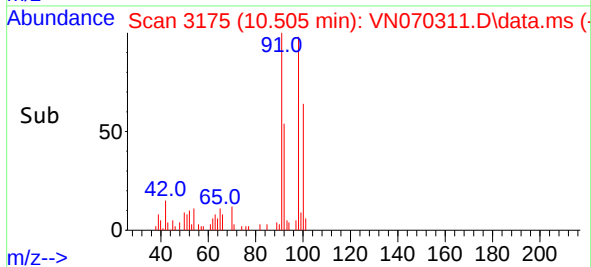
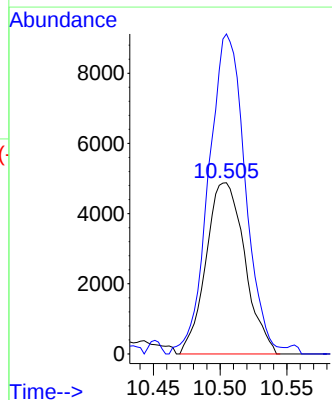
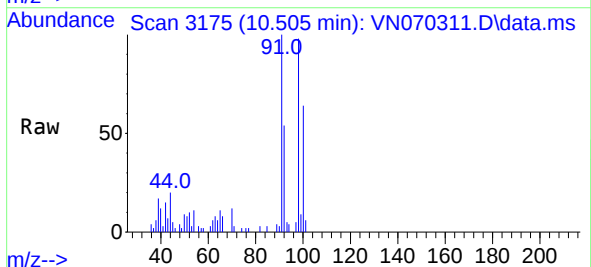
Instrument :
MSVOA_N
ClientSampleId :
IBLK

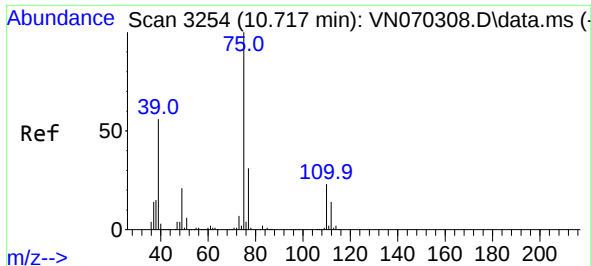
Tgt Ion: 43 Resp: 47213
Ion Ratio Lower Upper
43 100
58 32.7 30.4 45.6



#52
Toluene
Concen: 0.24 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.000 min
Lab File: VN070311.D
Acq: 27 Dec 2021 13:29

Tgt Ion: 92 Resp: 9853
Ion Ratio Lower Upper
92 100
91 176.4 142.0 213.0

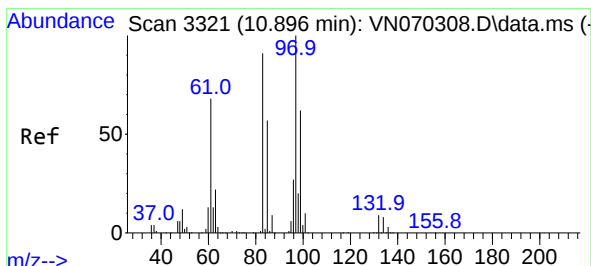
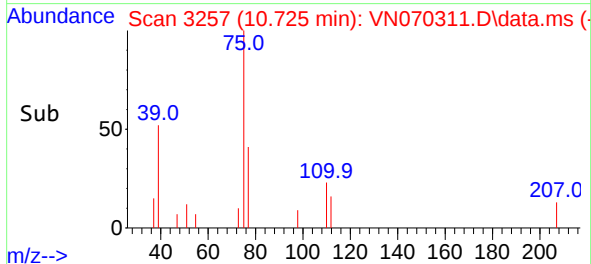
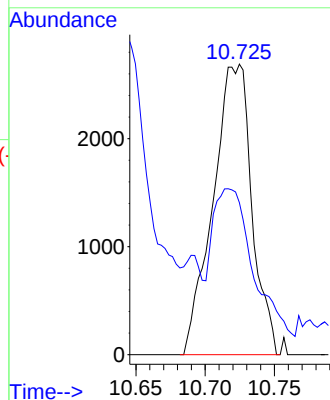
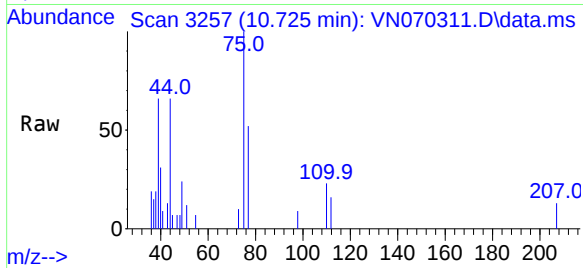




#53
t-1,3-Dichloropropene
Concen: 0.22 ug/l
RT: 10.725 min Scan# 31
Delta R.T. 0.008 min
Lab File: VN070311.D
Acq: 27 Dec 2021 13:29

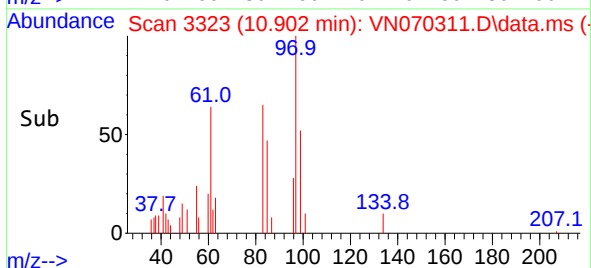
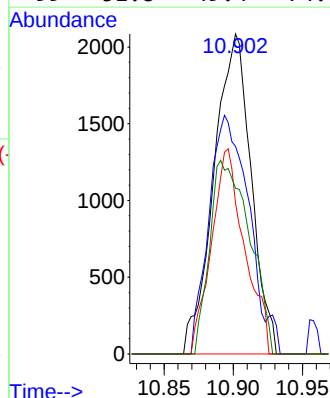
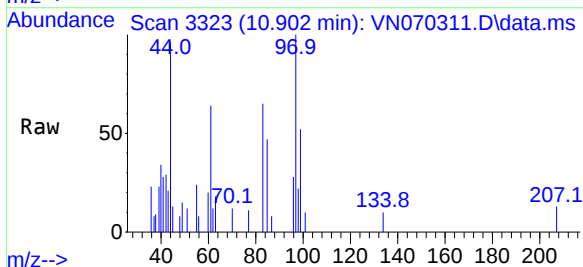
Instrument :
MSVOA_N
ClientSampleId :
IBLK

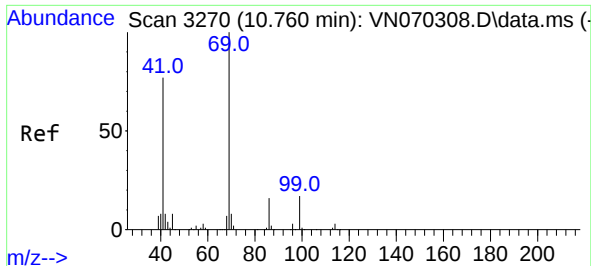
Tgt Ion: 75 Resp: 5259
Ion Ratio Lower Upper
75 100
77 39.2 25.6 38.4#



#55
1,1,2-Trichloroethane
Concen: 0.24 ug/l
RT: 10.902 min Scan# 3323
Delta R.T. 0.006 min
Lab File: VN070311.D
Acq: 27 Dec 2021 13:29

Tgt Ion: 97 Resp: 3891
Ion Ratio Lower Upper
97 100
83 64.8 67.8 101.6#
85 47.1 45.4 68.2
99 51.8 49.4 74.0

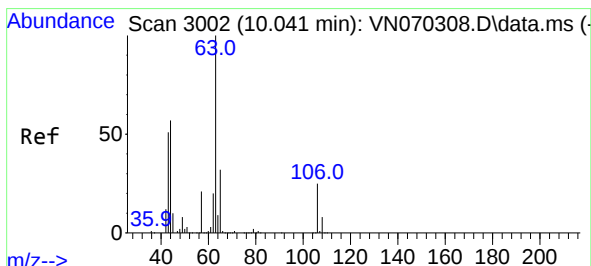
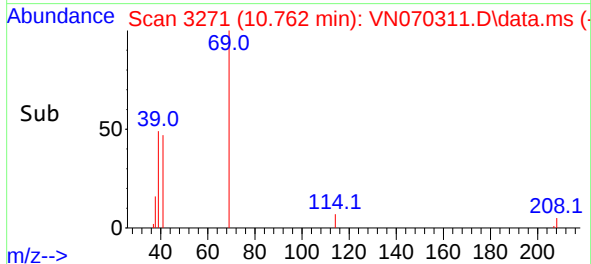
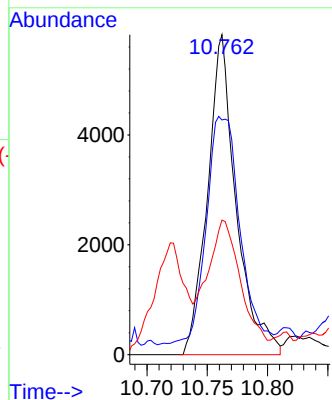
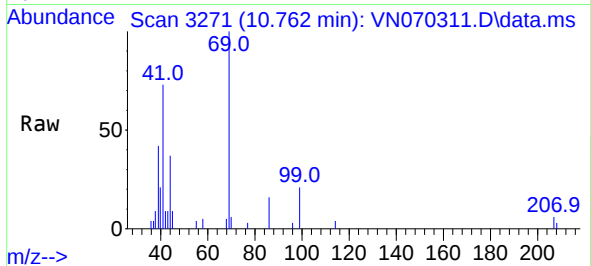




#56
Ethyl methacrylate
Concen: 0.36 ug/l
RT: 10.762 min Scan# 31
Delta R.T. 0.002 min
Lab File: VN070311.D
Acq: 27 Dec 2021 13:29

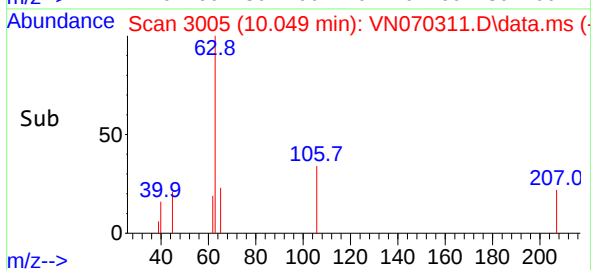
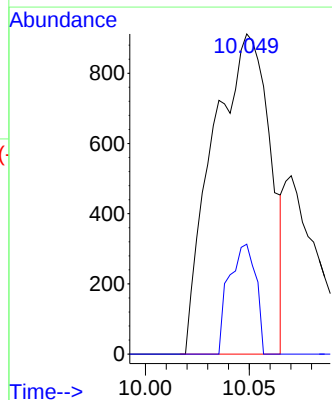
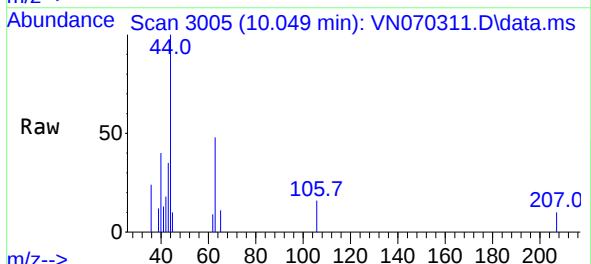
Instrument :
MSVOA_N
ClientSampleId :
IBLK

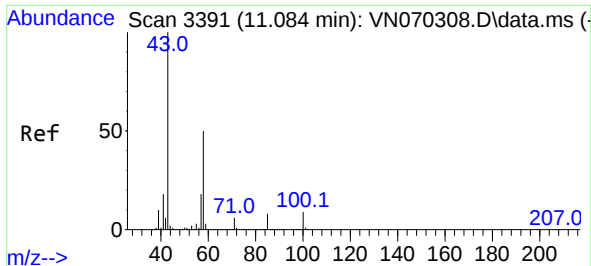
Tgt Ion: 69 Resp: 9618
Ion Ratio Lower Upper
69 100
41 82.1 51.4 77.0#
39 41.0 34.6 52.0



#58
2-Chloroethyl Vinyl ether
Concen: 18.75 ug/l
RT: 10.049 min Scan# 3005
Delta R.T. 0.008 min
Lab File: VN070311.D
Acq: 27 Dec 2021 13:29

Tgt Ion: 63 Resp: 1745
Ion Ratio Lower Upper
63 100
106 16.0 23.9 35.9#

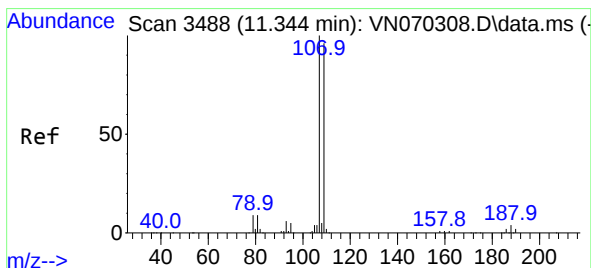
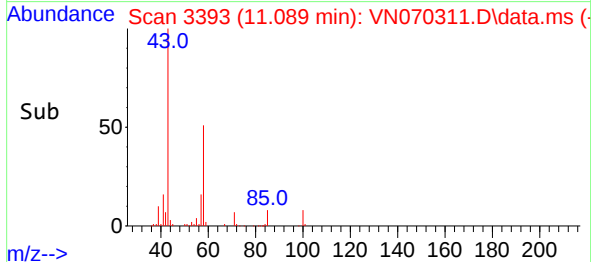
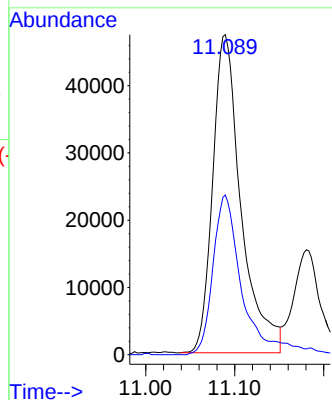
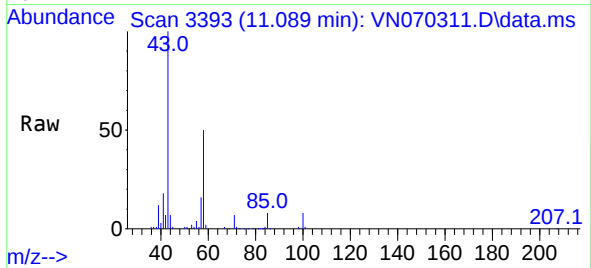




#59
2-Hexanone
Concen: 5.14 ug/l
RT: 11.089 min Scan# 31
Delta R.T. 0.005 min
Lab File: VN070311.D
Acq: 27 Dec 2021 13:29

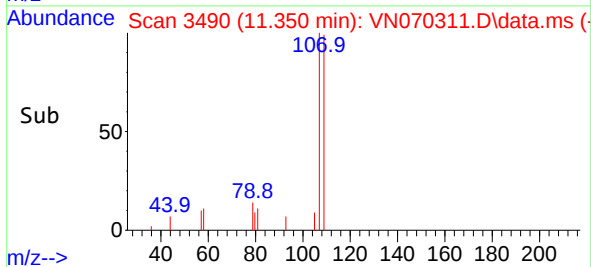
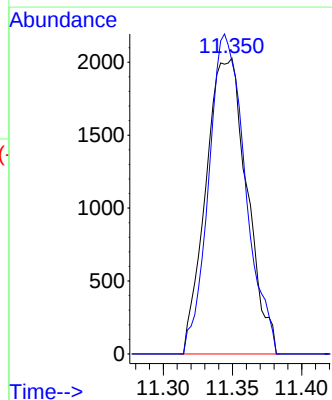
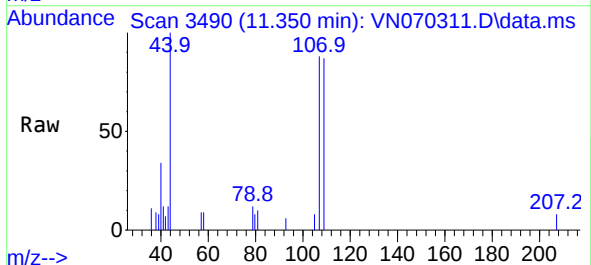
Instrument :
MSVOA_N
ClientSampleId :
IBLK

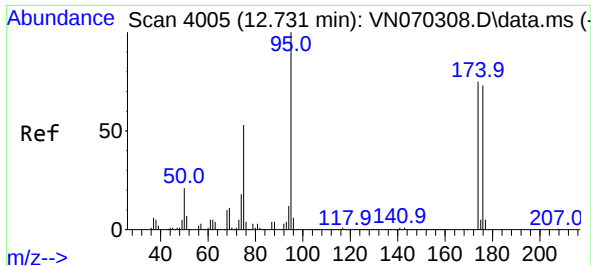
Tgt Ion: 43 Resp: 104618
Ion Ratio Lower Upper
43 100
58 51.2 26.9 80.7



#61
1,2-Dibromoethane
Concen: 0.26 ug/l
RT: 11.350 min Scan# 3490
Delta R.T. 0.006 min
Lab File: VN070311.D
Acq: 27 Dec 2021 13:29

Tgt Ion: 107 Resp: 4189
Ion Ratio Lower Upper
107 100
109 96.4 75.7 113.5

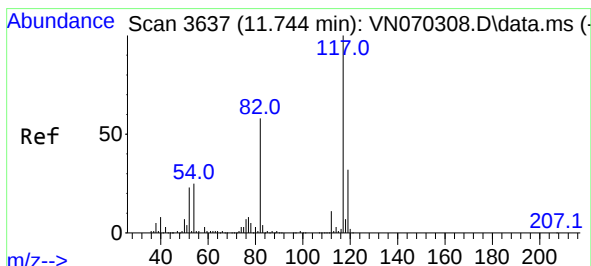
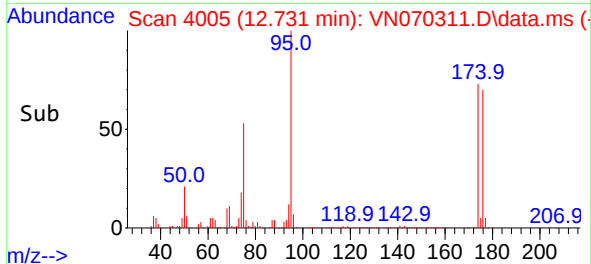
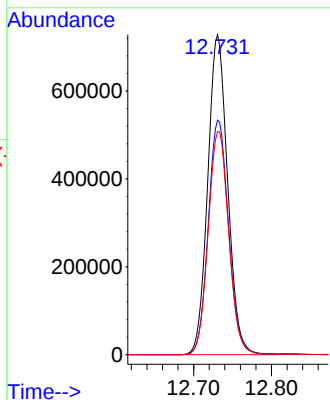
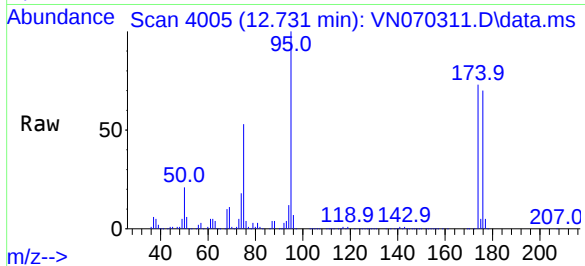




#62
4-Bromofluorobenzene
Concen: 66.71 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070311.D
Acq: 27 Dec 2021 13:29

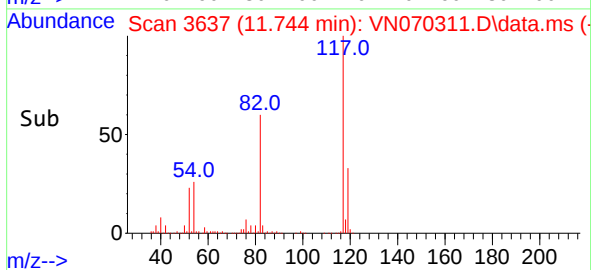
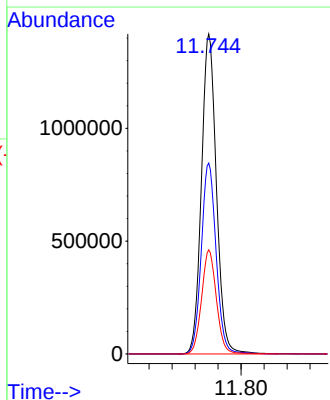
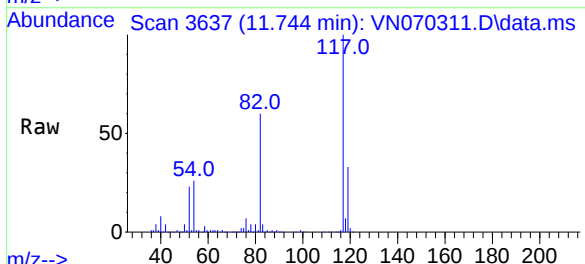
Instrument :
MSVOA_N
ClientSampleId :
IBLK

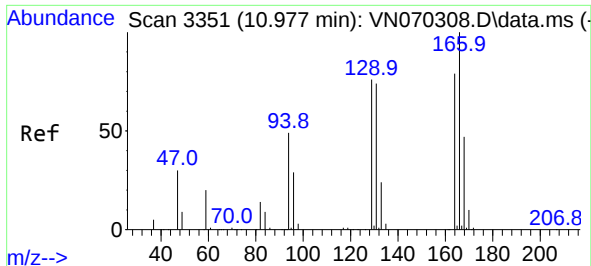
Tgt Ion: 95 Resp: 1292776
Ion Ratio Lower Upper
95 100
174 74.9 0.0 187.2
176 72.0 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.000 min
Lab File: VN070311.D
Acq: 27 Dec 2021 13:29

Tgt Ion: 117 Resp: 2561913
Ion Ratio Lower Upper
117 100
82 59.7 42.4 63.6
119 32.5 25.4 38.2



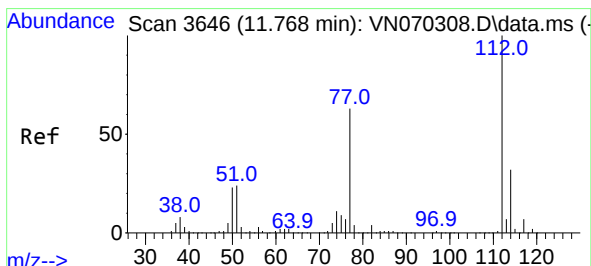
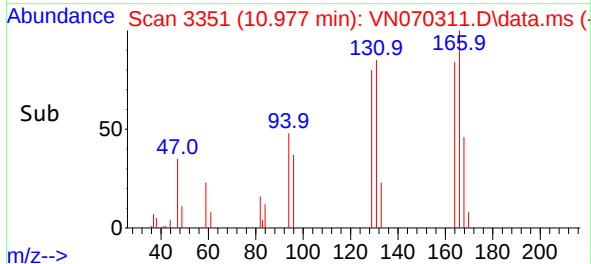
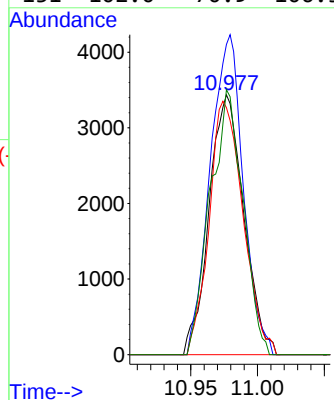
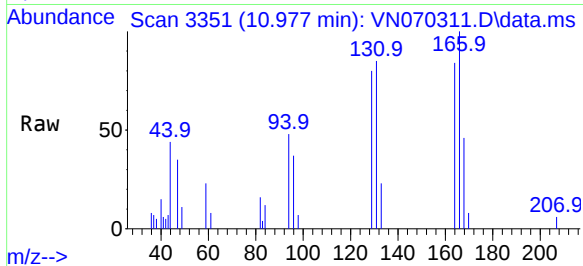


#64
Tetrachloroethene
Concen: 0.33 ug/l
RT: 10.977 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN070311.D
Acq: 27 Dec 2021 13:29

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:164 Resp: 6202

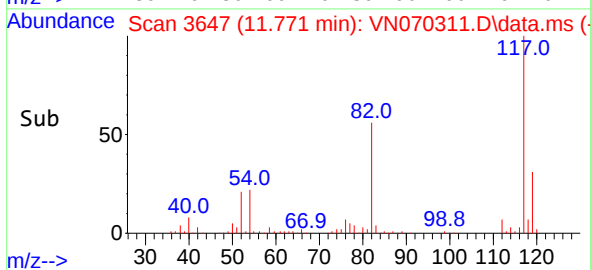
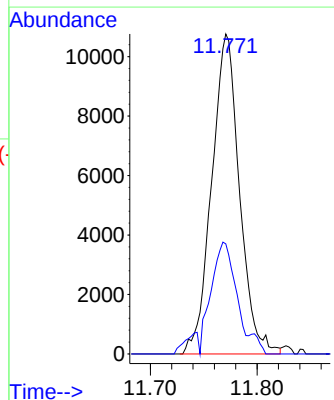
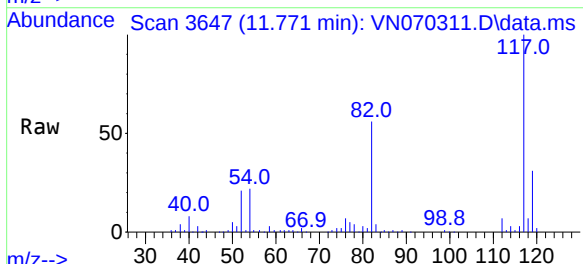
Ion	Ratio	Lower	Upper
164	100		
166	119.4	101.9	152.9
129	95.1	72.0	108.0
131	102.0	70.9	106.3

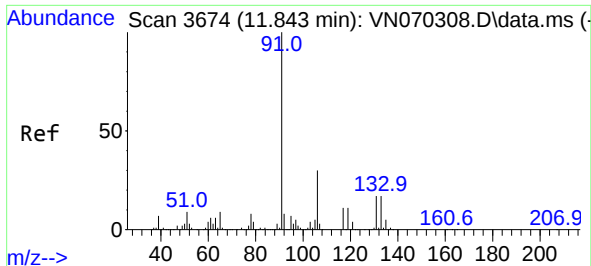


#65
Chlorobenzene
Concen: 0.36 ug/l
RT: 11.771 min Scan# 3647
Delta R.T. 0.003 min
Lab File: VN070311.D
Acq: 27 Dec 2021 13:29

Tgt Ion:112 Resp: 19450

Ion	Ratio	Lower	Upper
112	100		
114	34.4	25.4	38.0

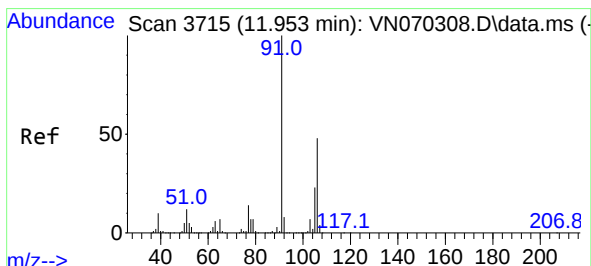
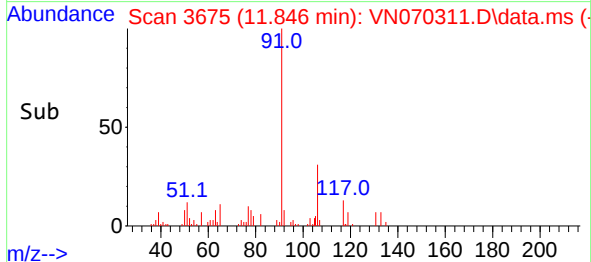
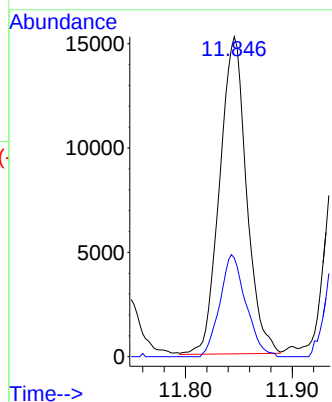
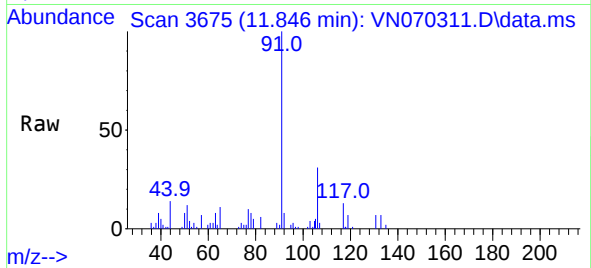




#67
Ethyl Benzene
Concen: 0.27 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. 0.003 min
Lab File: VN070311.D
Acq: 27 Dec 2021 13:29

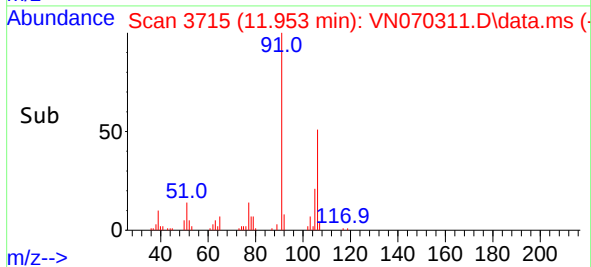
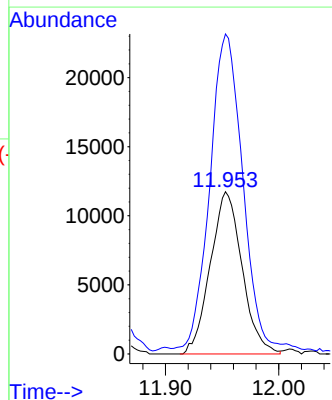
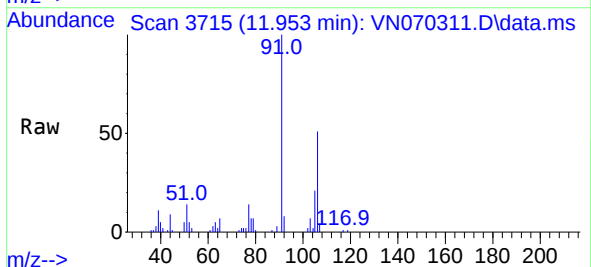
Instrument :
MSVOA_N
ClientSampleId :
IBLK

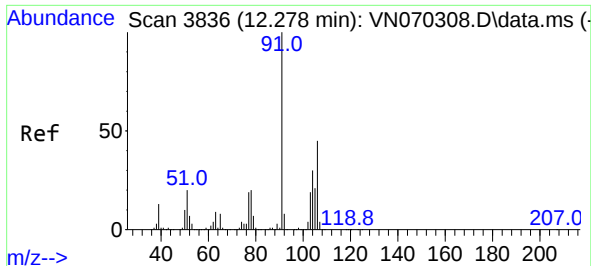
Tgt Ion: 91 Resp: 26540
Ion Ratio Lower Upper
91 100
106 31.1 25.7 38.5



#68
m/p-Xylenes
Concen: 0.63 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. -0.000 min
Lab File: VN070311.D
Acq: 27 Dec 2021 13:29

Tgt Ion: 106 Resp: 22878
Ion Ratio Lower Upper
106 100
91 199.6 160.6 240.8

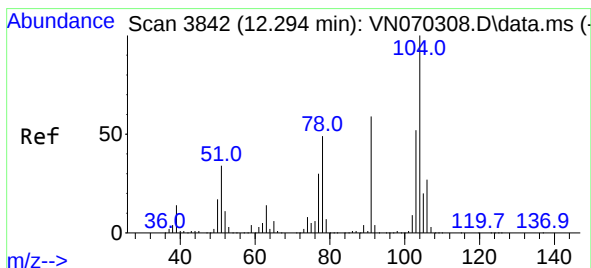
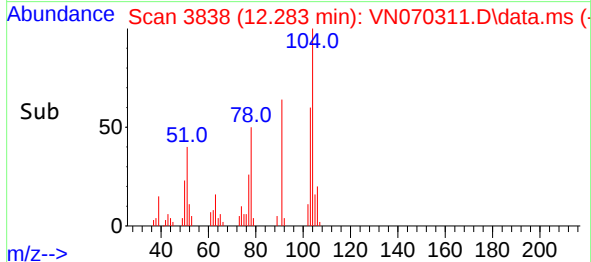
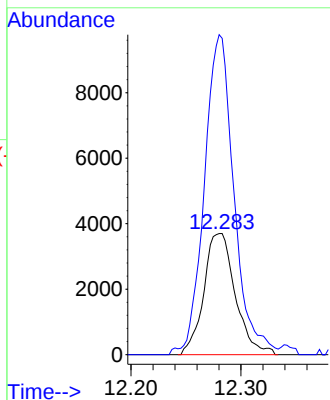
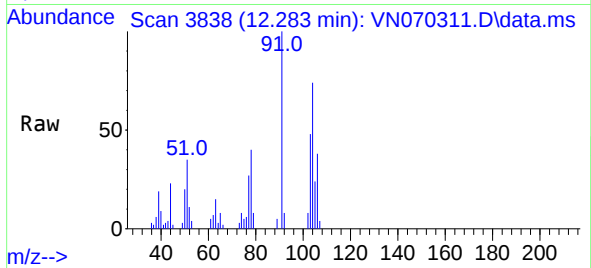




#69
o-Xylene
Concen: 0.20 ug/l
RT: 12.283 min Scan# 3838
Delta R.T. 0.005 min
Lab File: VN070311.D
Acq: 27 Dec 2021 13:29

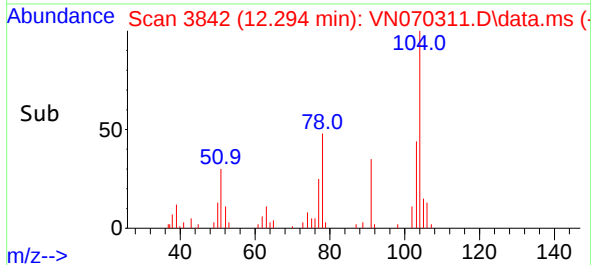
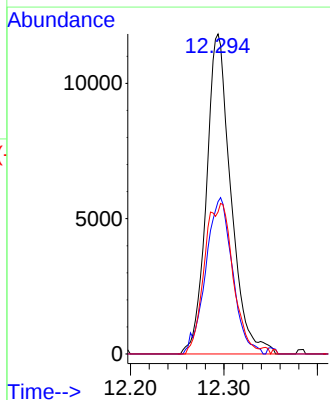
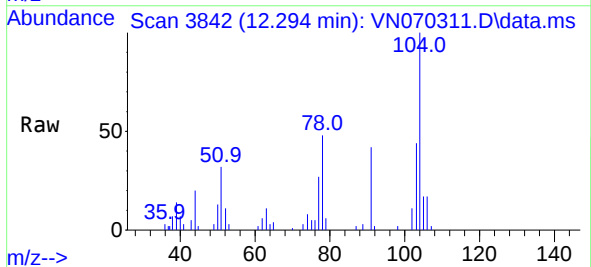
Instrument :
MSVOA_N
ClientSampleId :
IBLK

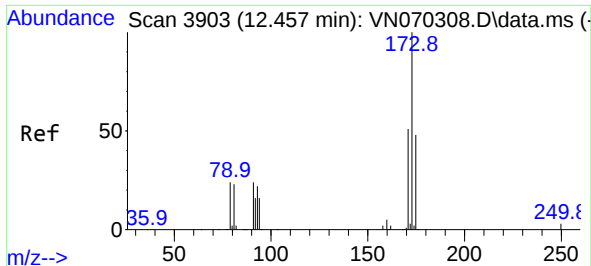
Tgt Ion:106 Resp: 7365
Ion Ratio Lower Upper
106 100
91 248.5 105.8 317.3



#70
Styrene
Concen: 0.38 ug/l
RT: 12.294 min Scan# 3842
Delta R.T. -0.000 min
Lab File: VN070311.D
Acq: 27 Dec 2021 13:29

Tgt Ion:104 Resp: 21510
Ion Ratio Lower Upper
104 100
78 53.3 38.7 58.1
103 55.0 45.0 67.6

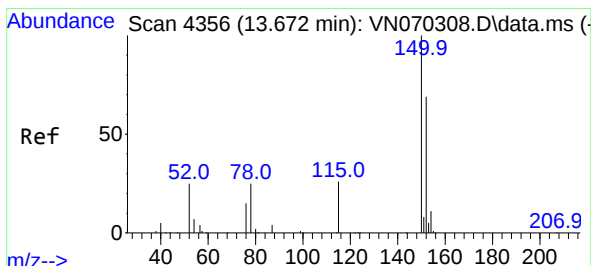
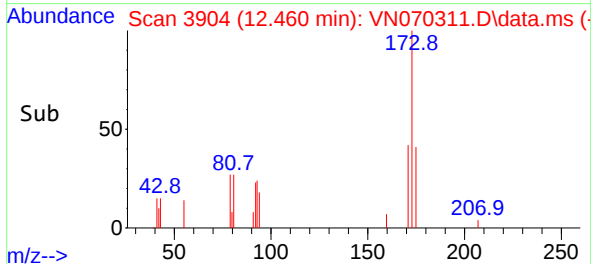
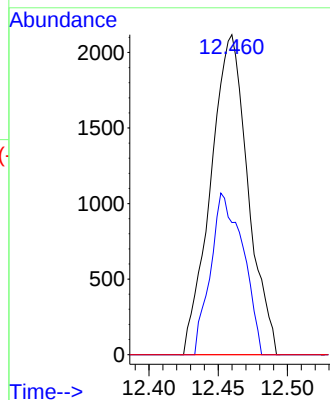
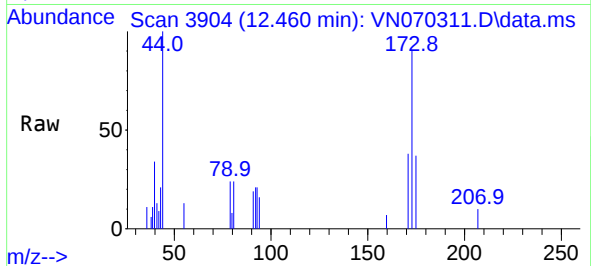




#71
Bromoform
Concen: 0.28 ug/l
RT: 12.460 min Scan# 3904
Delta R.T. 0.003 min
Lab File: VN070311.D
Acq: 27 Dec 2021 13:29

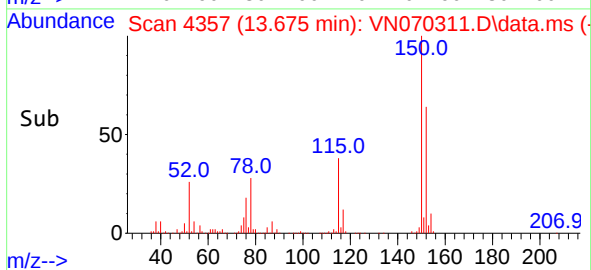
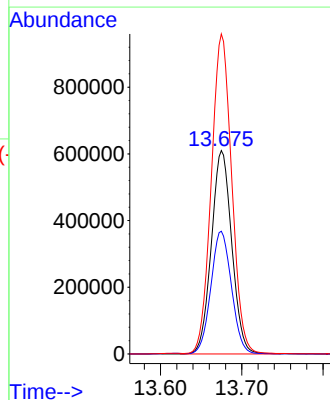
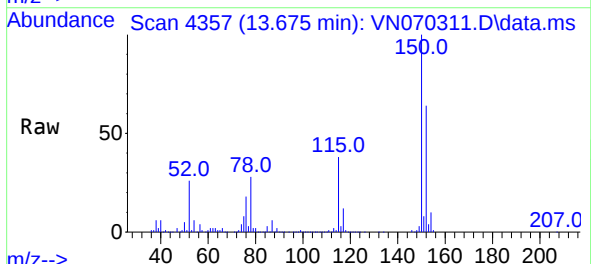
Instrument :
MSVOA_N
ClientSampleId :
IBLK

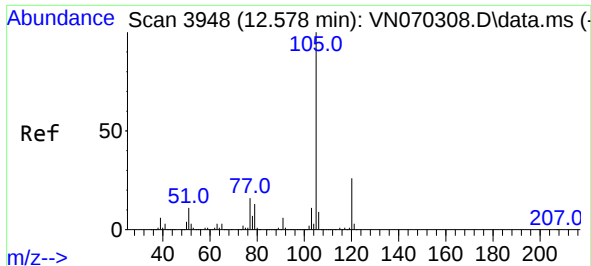
Tgt Ion:173 Resp: 3967
Ion Ratio Lower Upper
173 100
175 0.0 24.2 72.6#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. 0.003 min
Lab File: VN070311.D
Acq: 27 Dec 2021 13:29

Tgt Ion:152 Resp: 1064989
Ion Ratio Lower Upper
152 100
115 60.6 27.5 82.5
150 157.3 0.0 344.4

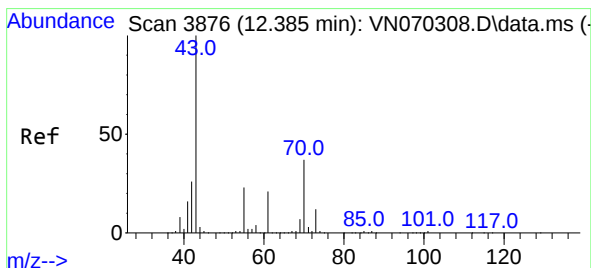
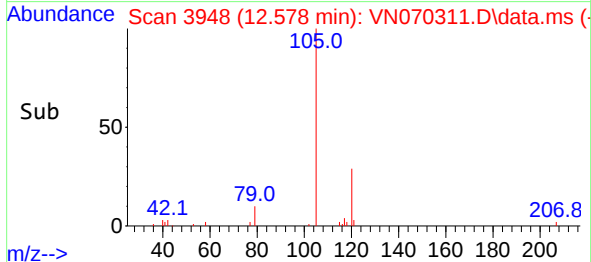
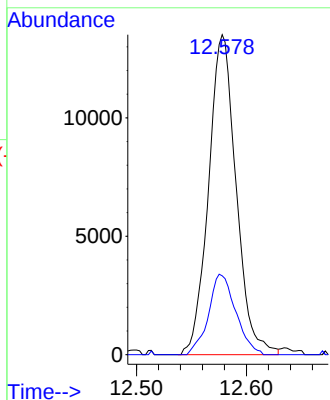
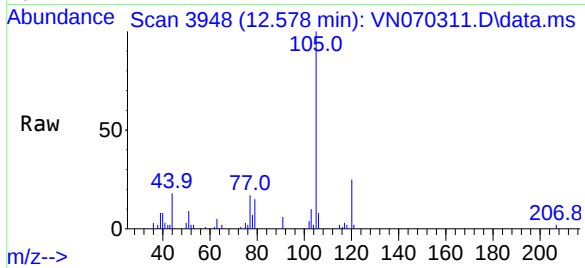




#73
Isopropylbenzene
Concen: 0.24 ug/l
RT: 12.578 min Scan# 3948
Delta R.T. -0.000 min
Lab File: VN070311.D
Acq: 27 Dec 2021 13:29

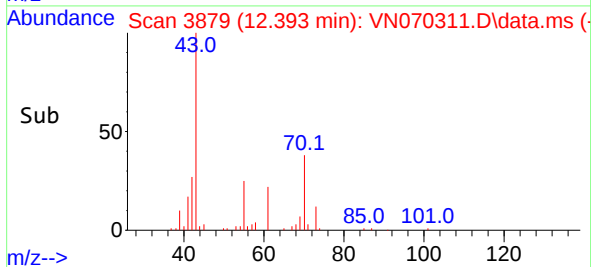
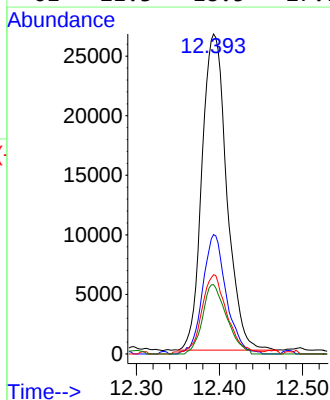
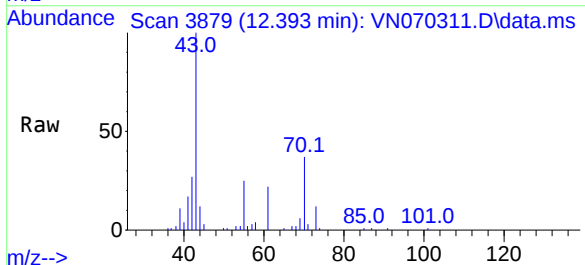
Instrument :
MSVOA_N
ClientSampleId :
IBLK

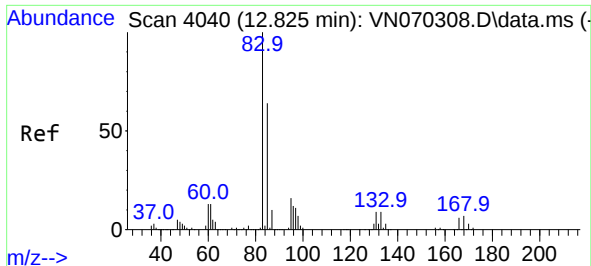
Tgt Ion:105 Resp: 23557
Ion Ratio Lower Upper
105 100
120 24.9 13.4 40.1



#74
N-ethyl acetate
Concen: 1.32 ug/l
RT: 12.393 min Scan# 3879
Delta R.T. 0.008 min
Lab File: VN070311.D
Acq: 27 Dec 2021 13:29

Tgt Ion: 43 Resp: 54984
Ion Ratio Lower Upper
43 100
70 35.9 33.4 50.0
55 25.7 19.3 28.9
61 21.3 18.5 27.7

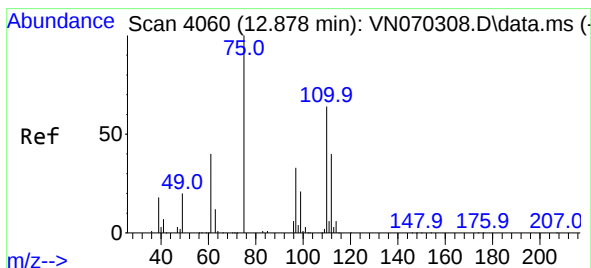
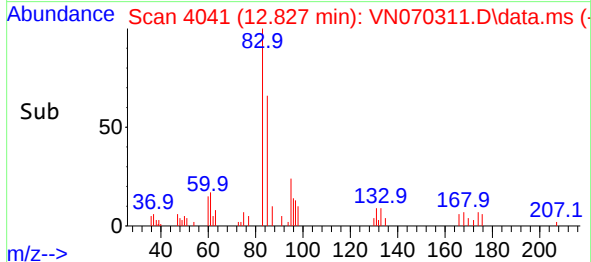
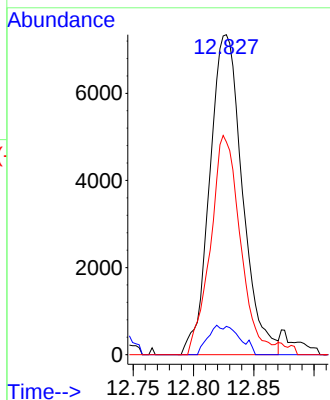
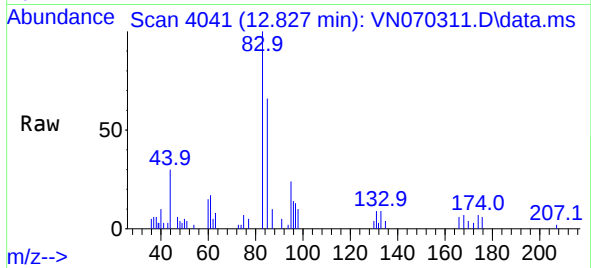




#75
1,1,2,2-Tetrachloroethane
Concen: 0.83 ug/l
RT: 12.827 min Scan# 4040
Delta R.T. 0.002 min
Lab File: VN070311.D
Acq: 27 Dec 2021 13:29

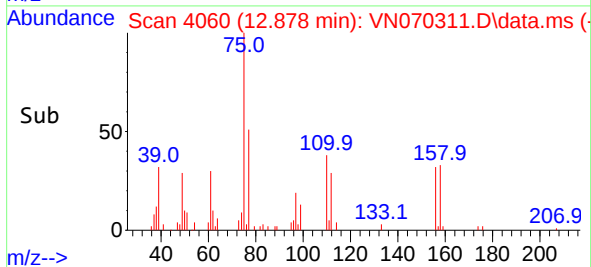
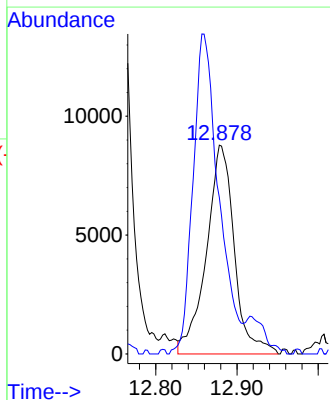
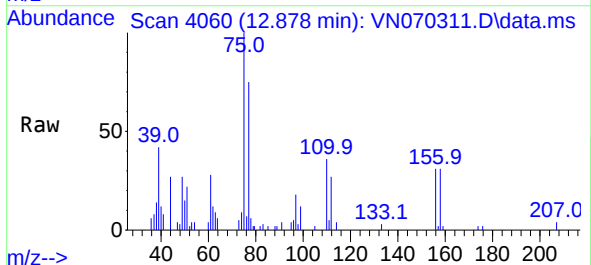
Instrument :
MSVOA_N
ClientSampleId :
IBLK

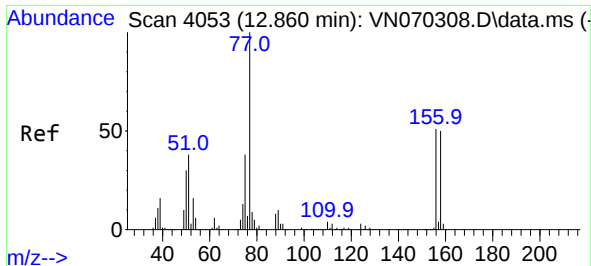
Tgt Ion: 83 Resp: 13838
Ion Ratio Lower Upper
83 100
131 4.4 5.5 16.5#
85 62.4 32.4 97.2



#76
1,2,3-Trichloropropane
Concen: 3.27 ug/l
RT: 12.878 min Scan# 4060
Delta R.T. 0.000 min
Lab File: VN070311.D
Acq: 27 Dec 2021 13:29

Tgt Ion: 75 Resp: 20953
Ion Ratio Lower Upper
75 100
77 0.0 82.6 247.8#

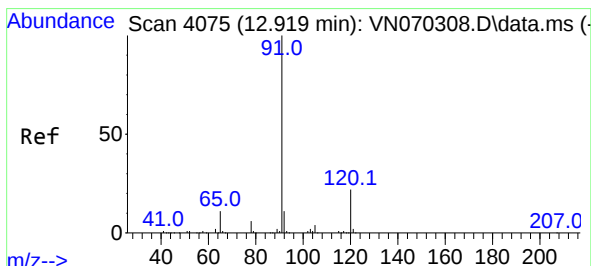
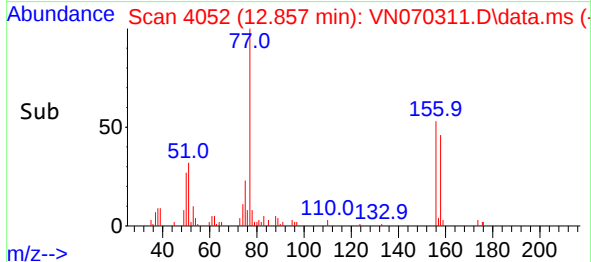
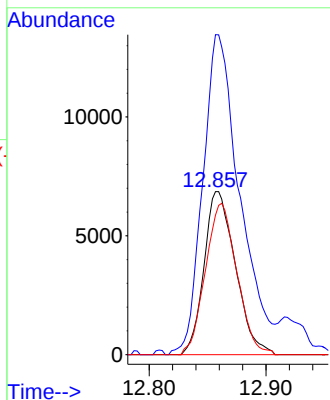
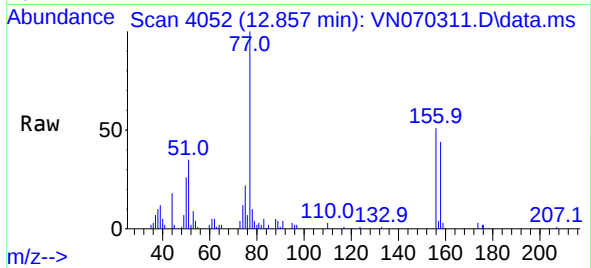




#77
Bromobenzene
Concen: 0.57 ug/l
RT: 12.857 min Scan# 4052
Delta R.T. -0.003 min
Lab File: VN070311.D
Acq: 27 Dec 2021 13:29

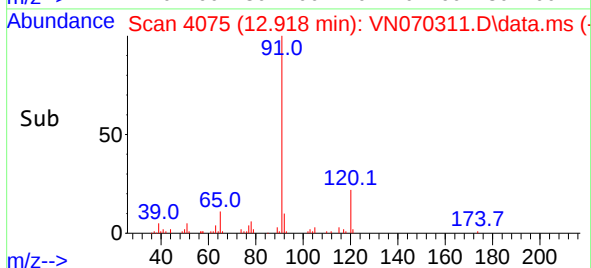
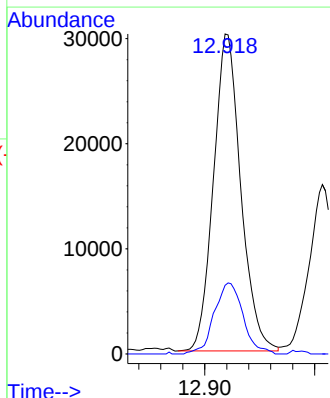
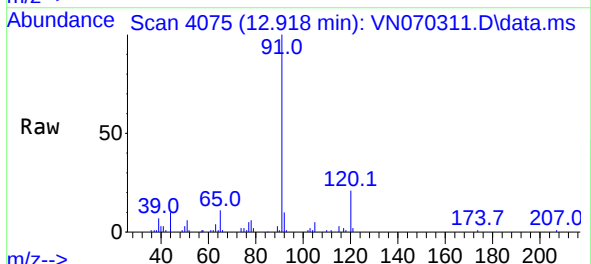
Instrument :
MSVOA_N
ClientSampleId :
IBLK

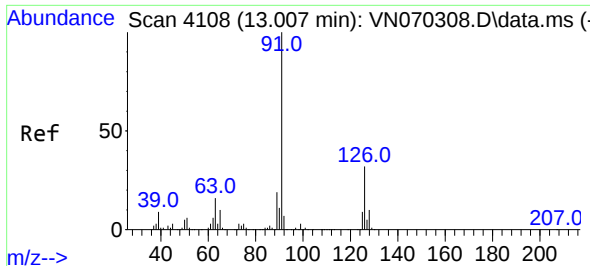
Tgt Ion:156 Resp: 12833
Ion Ratio Lower Upper
156 100
77 230.5 90.6 271.8
158 92.8 48.9 146.7



#78
n-propylbenzene
Concen: 0.48 ug/l
RT: 12.918 min Scan# 4075
Delta R.T. -0.001 min
Lab File: VN070311.D
Acq: 27 Dec 2021 13:29

Tgt Ion: 91 Resp: 52053
Ion Ratio Lower Upper
91 100
120 23.6 11.9 35.9

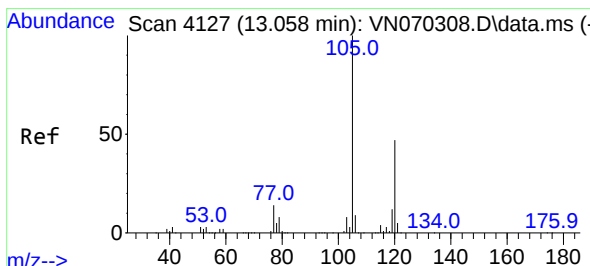
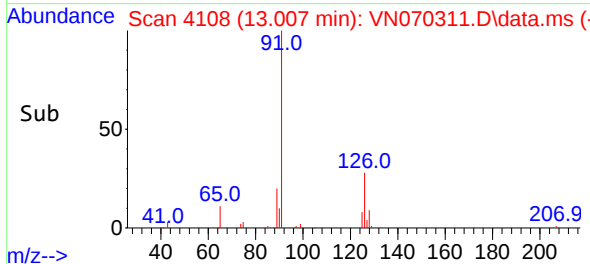
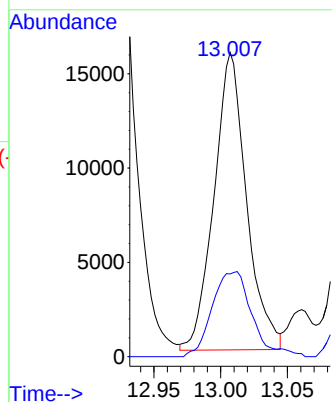
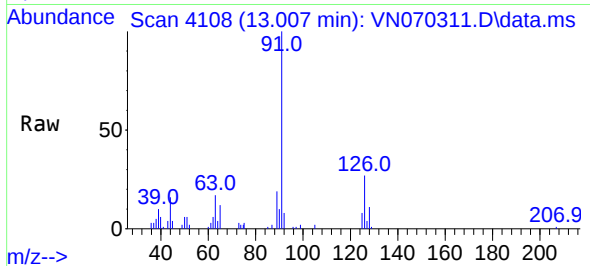




#79
2-Chlorotoluene
Concen: 0.38 ug/l
RT: 13.007 min Scan# 4108
Delta R.T. -0.000 min
Lab File: VN070311.D
Acq: 27 Dec 2021 13:29

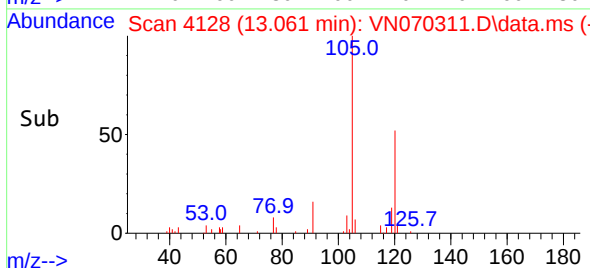
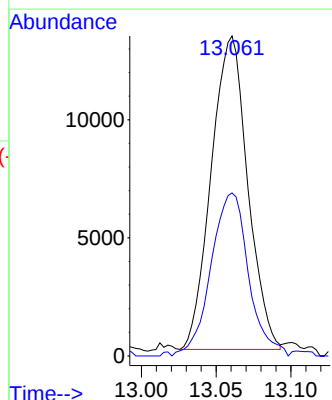
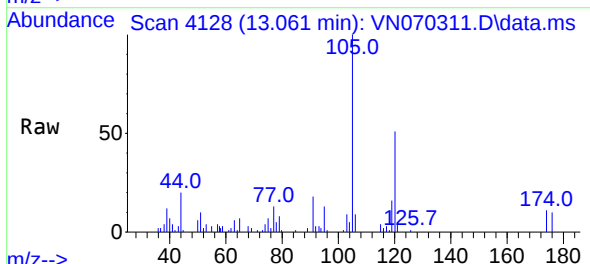
Instrument :
MSVOA_N
ClientSampleId :
IBLK

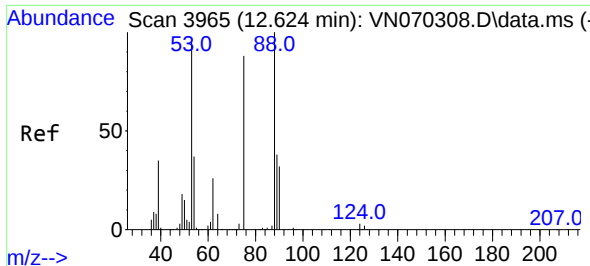
Tgt Ion: 91 Resp: 26719
Ion Ratio Lower Upper
91 100
126 34.9 18.3 54.8



#80
1,3,5-Trimethylbenzene
Concen: 0.28 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. 0.003 min
Lab File: VN070311.D
Acq: 27 Dec 2021 13:29

Tgt Ion: 105 Resp: 22530
Ion Ratio Lower Upper
105 100
120 53.5 24.6 73.6

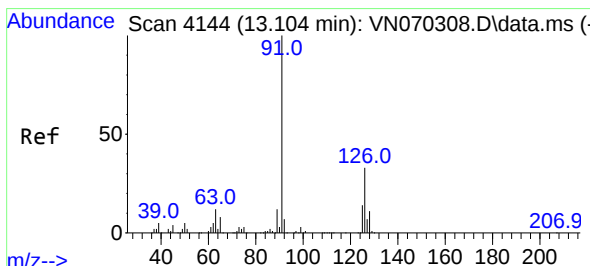
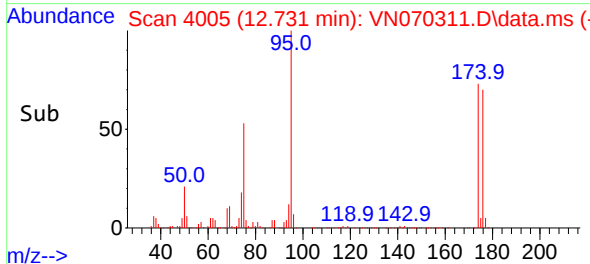
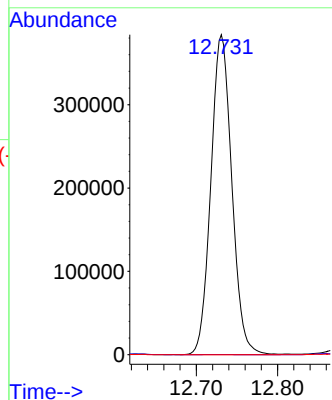
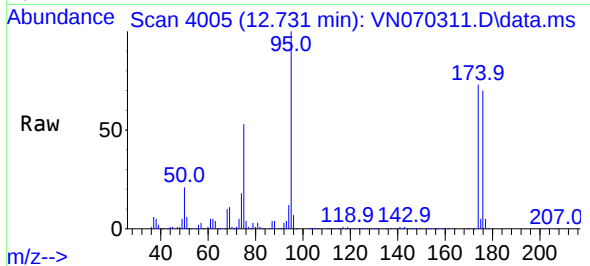




#81
trans-1,4-Dichloro-2-butene
Concen: 78.76 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.107 min
Lab File: VN070311.D
Acq: 27 Dec 2021 13:29

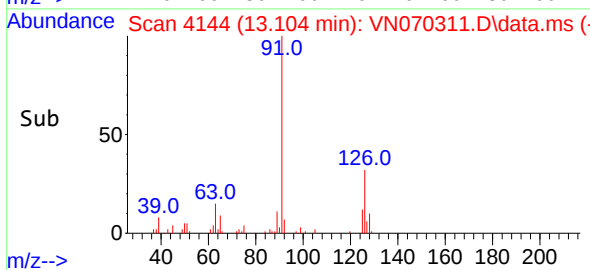
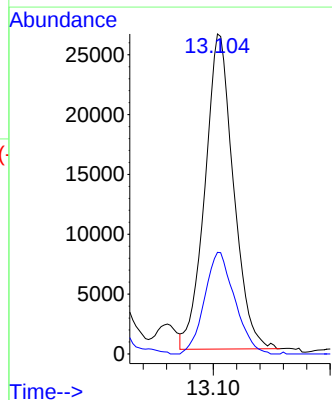
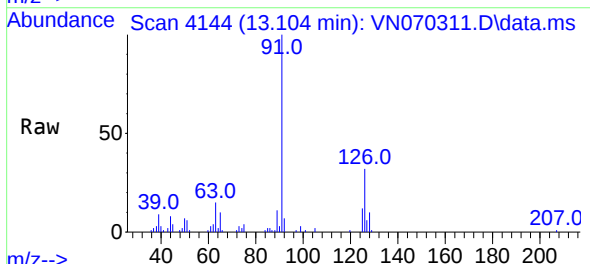
Instrument :
MSVOA_N
ClientSampleId :
IBLK

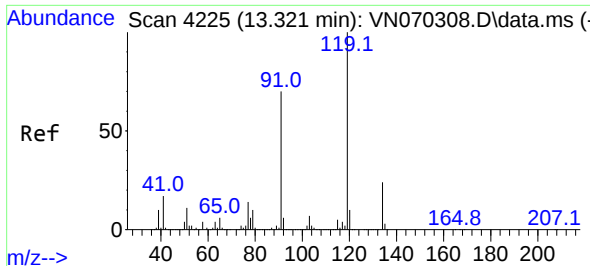
Tgt Ion: 75 Resp: 686575
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 38.2 57.4#



#82
4-Chlorotoluene
Concen: 0.68 ug/l
RT: 13.104 min Scan# 4144
Delta R.T. -0.000 min
Lab File: VN070311.D
Acq: 27 Dec 2021 13:29

Tgt Ion: 91 Resp: 44545
Ion Ratio Lower Upper
91 100
126 34.2 18.2 54.6

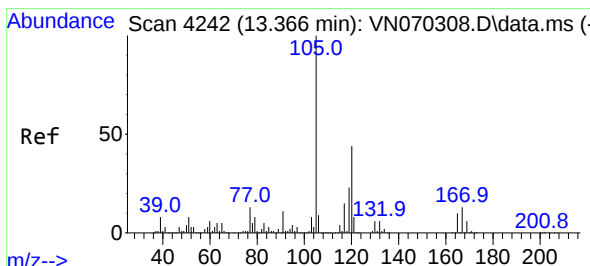
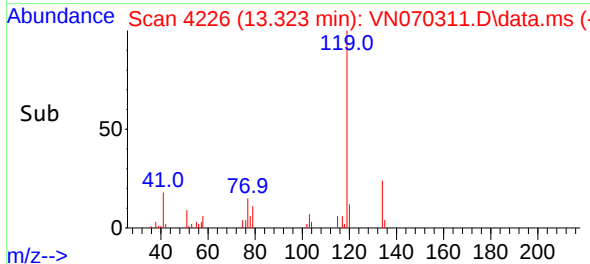
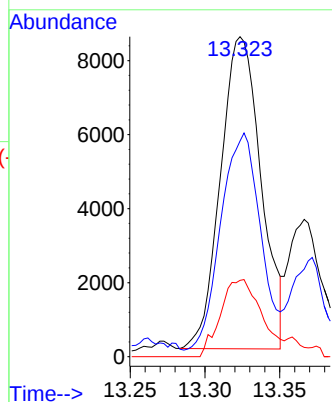
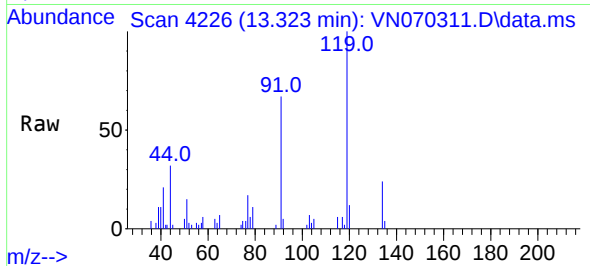




#83
tert-Butylbenzene
Concen: 0.23 ug/l
RT: 13.323 min Scan# 4225
Delta R.T. 0.002 min
Lab File: VN070311.D
Acq: 27 Dec 2021 13:29

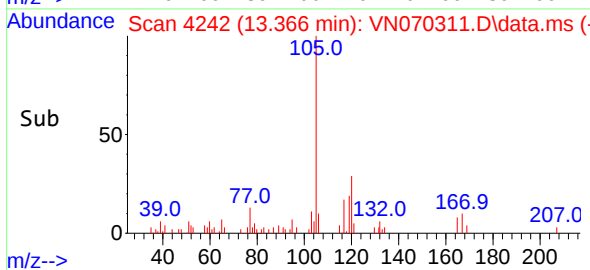
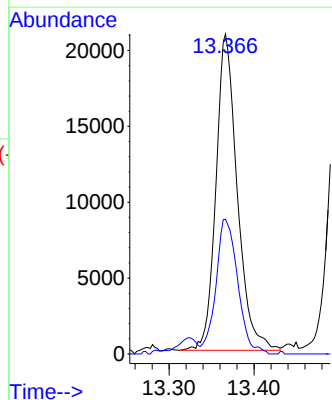
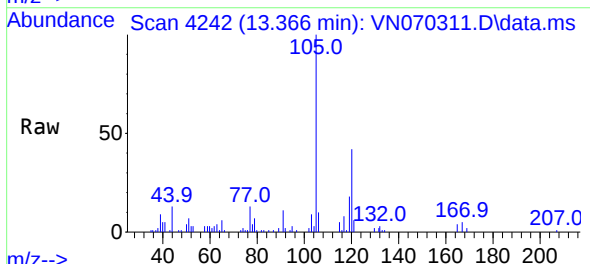
Instrument :
MSVOA_N
ClientSampleId :
IBLK

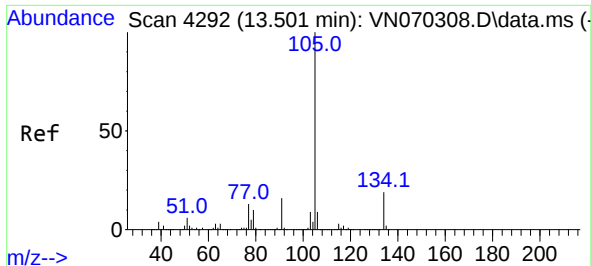
Tgt Ion:	119	Resp:	15896
Ion	Ratio	Lower	Upper
119	100		
91	67.8	31.5	94.5
134	25.1	12.4	37.4



#84
1,2,4-Trimethylbenzene
Concen: 0.48 ug/l
RT: 13.366 min Scan# 4242
Delta R.T. 0.000 min
Lab File: VN070311.D
Acq: 27 Dec 2021 13:29

Tgt Ion:	105	Resp:	36388
Ion	Ratio	Lower	Upper
105	100		
120	43.5	22.8	68.4

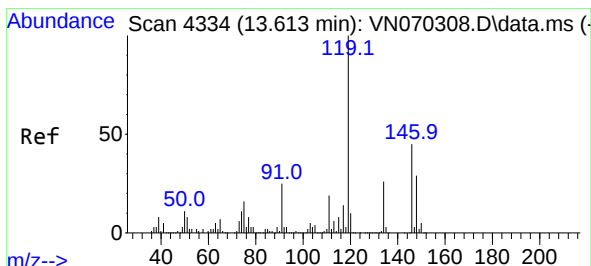
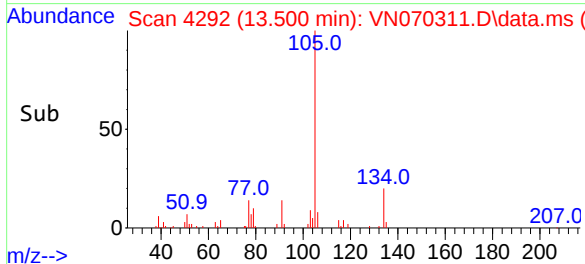
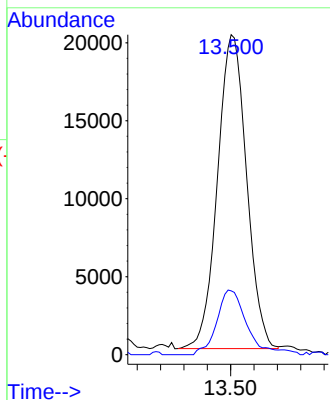
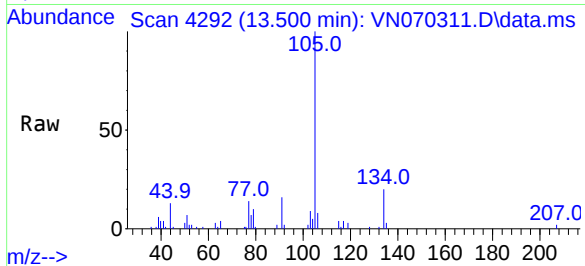




#85
 sec-Butylbenzene
 Concen: 0.37 ug/l
 RT: 13.500 min Scan# 41
 Delta R.T. -0.001 min
 Lab File: VN070311.D
 Acq: 27 Dec 2021 13:29

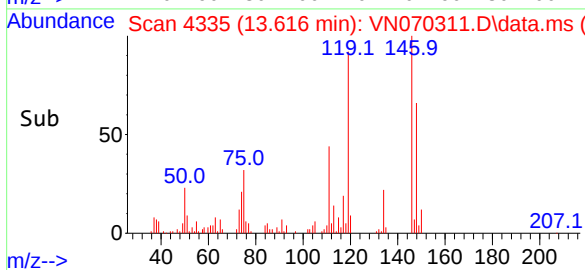
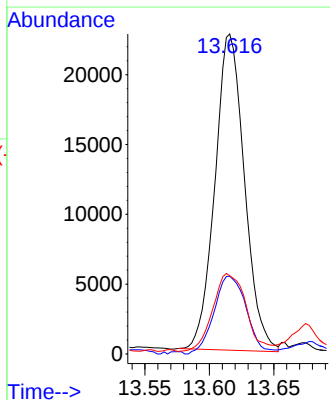
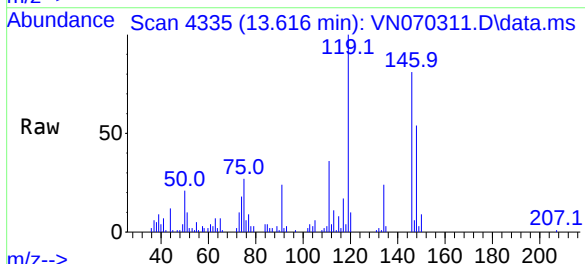
Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

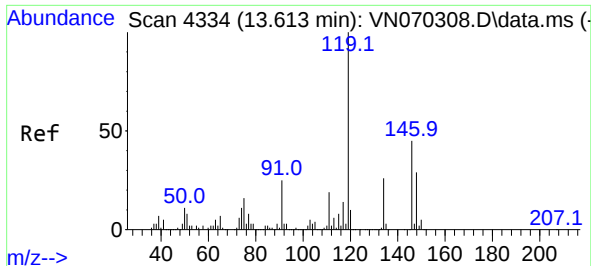
Tgt Ion:105 Resp: 34817
 Ion Ratio Lower Upper
 105 100
 134 21.3 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 0.49 ug/l
 RT: 13.616 min Scan# 4335
 Delta R.T. 0.003 min
 Lab File: VN070311.D
 Acq: 27 Dec 2021 13:29

Tgt Ion:119 Resp: 36109
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.6 40.7
 91 27.6 11.4 34.1





#87

1,3-Dichlorobenzene

Concen: 0.93 ug/l

RT: 13.616 min Scan# 4335

Delta R.T. 0.003 min

Lab File: VN070311.D

Acq: 27 Dec 2021 13:29

Instrument :

MSVOA_N

ClientSampleId :

IBLK

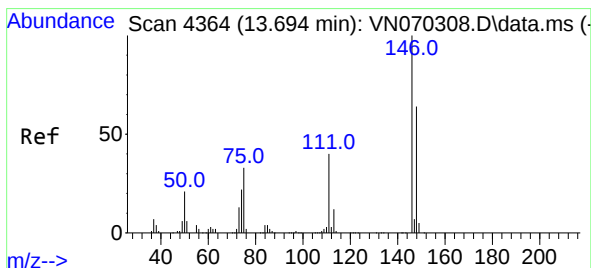
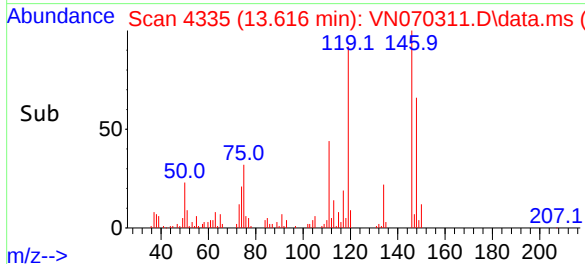
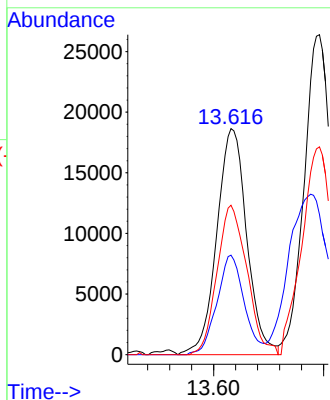
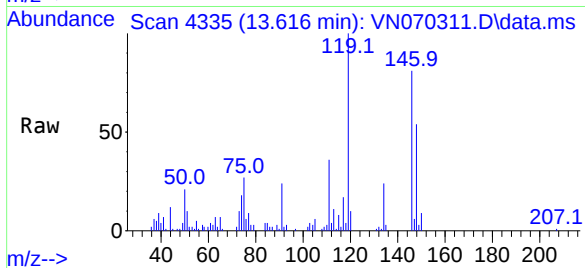
Tgt Ion:146 Resp: 35326

Ion Ratio Lower Upper

146 100

111 40.0 18.6 55.6

148 66.0 31.6 95.0



#88

1,4-Dichlorobenzene

Concen: 0.95 ug/l

RT: 13.616 min Scan# 4335

Delta R.T. -0.078 min

Lab File: VN070311.D

Acq: 27 Dec 2021 13:29

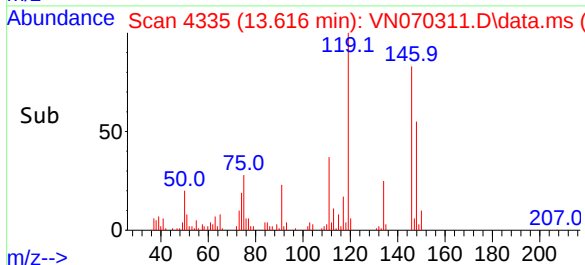
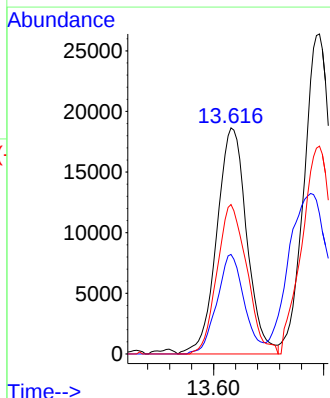
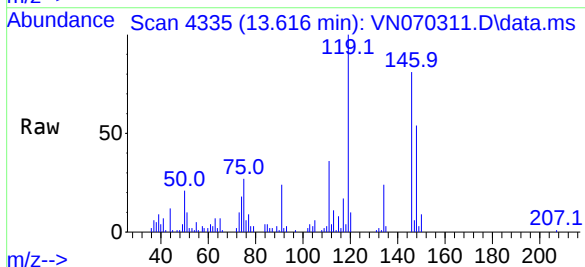
Tgt Ion:146 Resp: 35326

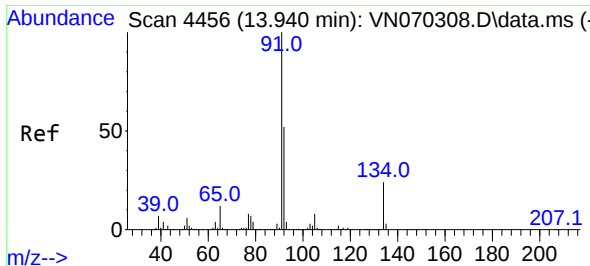
Ion Ratio Lower Upper

146 100

111 40.0 18.3 54.8

148 66.0 31.8 95.4

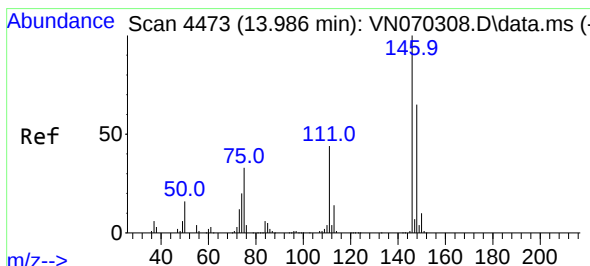
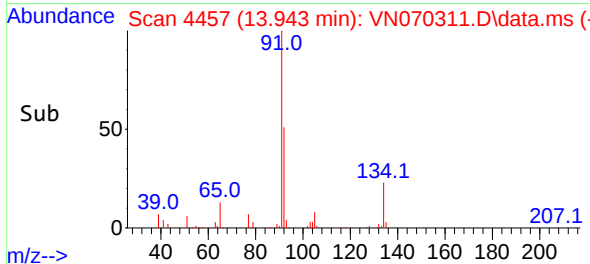
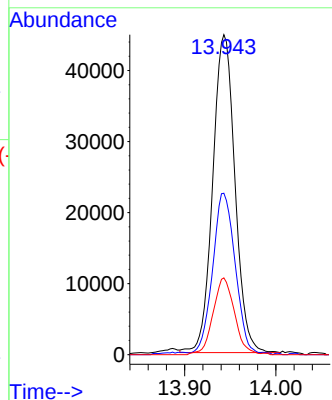
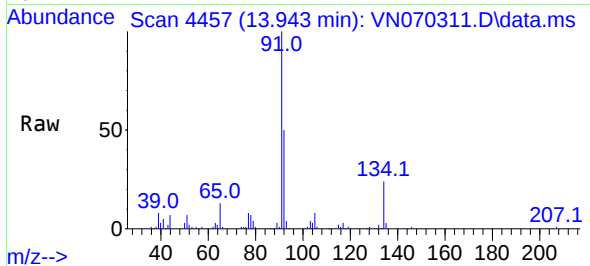




#89
n-Butylbenzene
Concen: 1.22 ug/l
RT: 13.943 min Scan# 4456
Delta R.T. 0.003 min
Lab File: VN070311.D
Acq: 27 Dec 2021 13:29

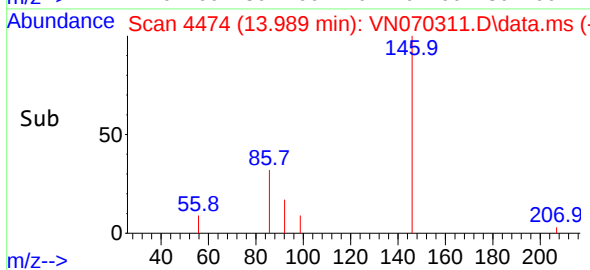
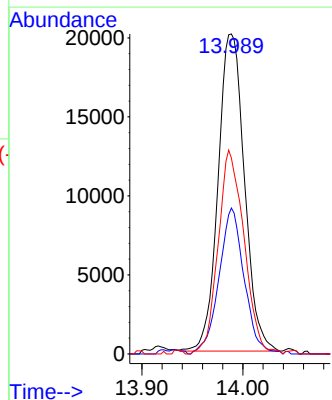
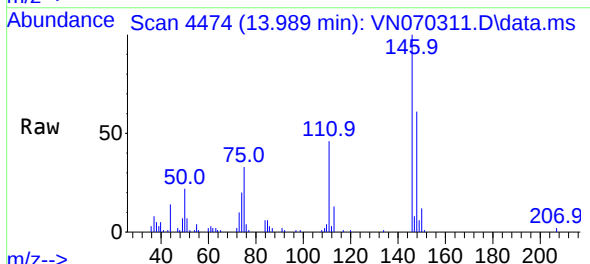
Instrument :
MSVOA_N
ClientSampleId :
IBLK

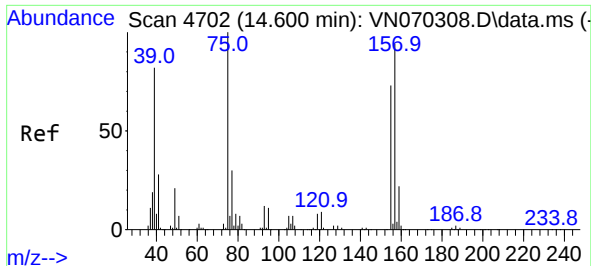
Tgt Ion: 91 Resp: 75821
Ion Ratio Lower Upper
91 100
92 52.1 25.4 76.0
134 23.3 13.6 40.8



#91
1,2-Dichlorobenzene
Concen: 0.98 ug/l
RT: 13.989 min Scan# 4474
Delta R.T. 0.003 min
Lab File: VN070311.D
Acq: 27 Dec 2021 13:29

Tgt Ion:146 Resp: 36385
Ion Ratio Lower Upper
146 100
111 43.9 19.1 57.3
148 63.1 32.1 96.3

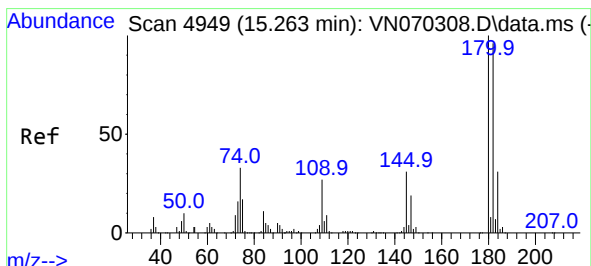
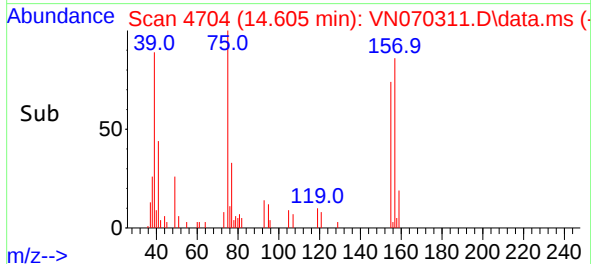
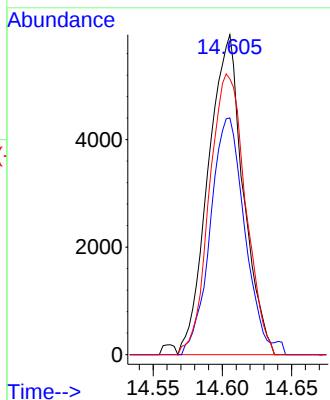
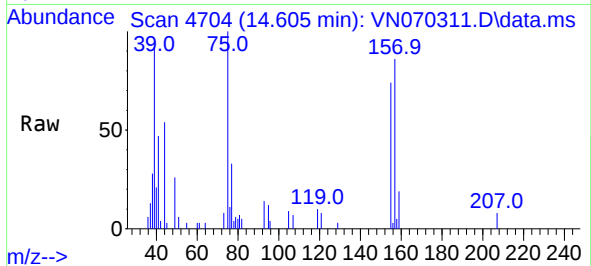




#92
1,2-Dibromo-3-Chloropropane
Concen: 1.83 ug/l
RT: 14.605 min Scan# 4702
Delta R.T. 0.005 min
Lab File: VN070311.D
Acq: 27 Dec 2021 13:29

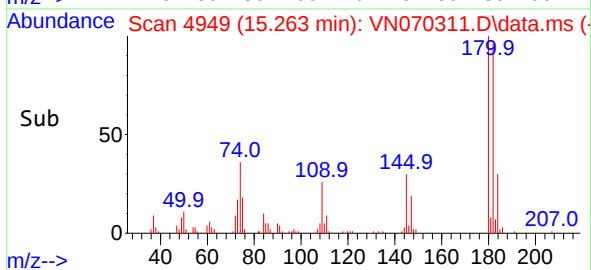
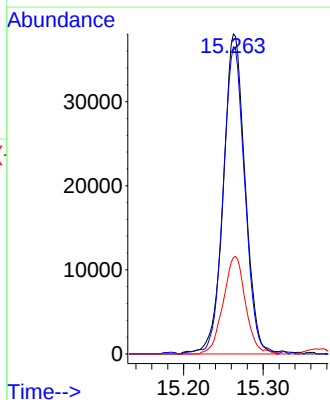
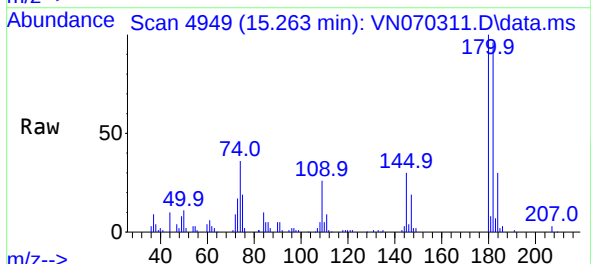
Instrument :
MSVOA_N
ClientSampleId :
IBLK

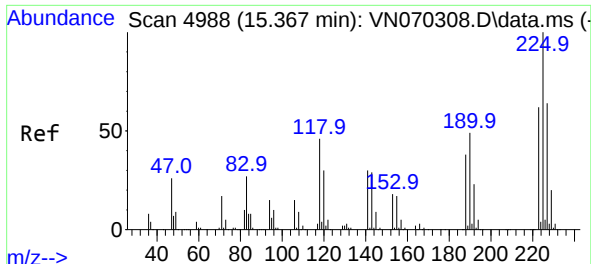
Tgt Ion: 75 Resp: 10474
Ion Ratio Lower Upper
75 100
155 73.2 46.9 140.7
157 90.3 60.6 181.7



#93
1,2,4-Trichlorobenzene
Concen: 5.66 ug/l
RT: 15.263 min Scan# 4949
Delta R.T. -0.000 min
Lab File: VN070311.D
Acq: 27 Dec 2021 13:29

Tgt Ion:180 Resp: 72331
Ion Ratio Lower Upper
180 100
182 95.6 48.3 144.9
145 31.2 14.5 43.5

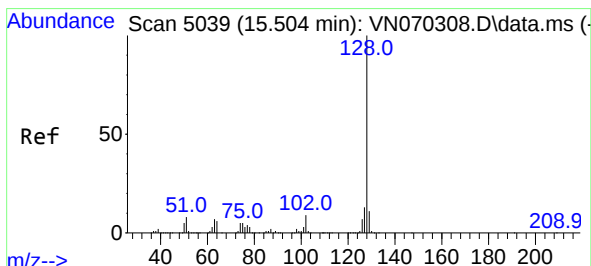
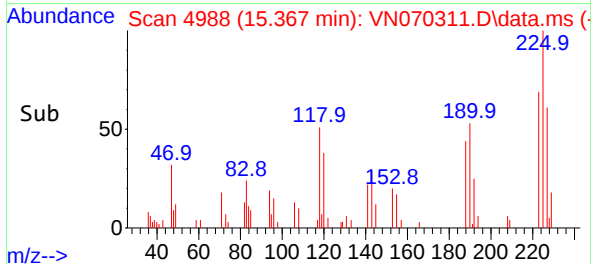
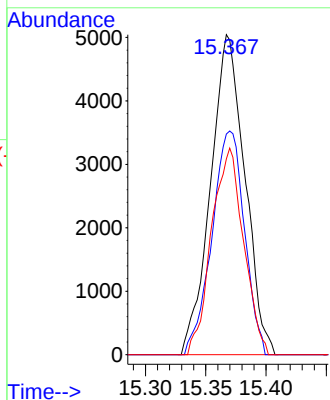
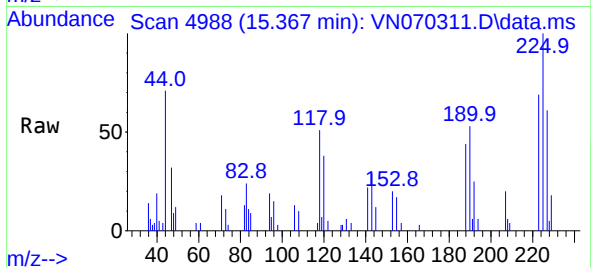




#94
Hexachlorobutadiene
Concen: 0.98 ug/l
RT: 15.367 min Scan# 4988
Delta R.T. 0.000 min
Lab File: VN070311.D
Acq: 27 Dec 2021 13:29

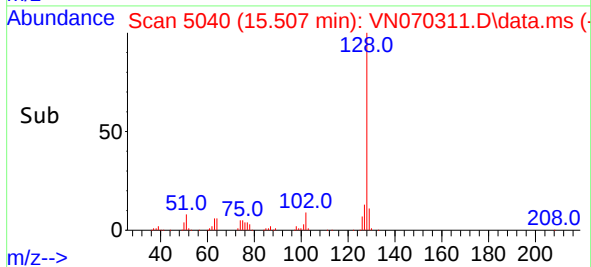
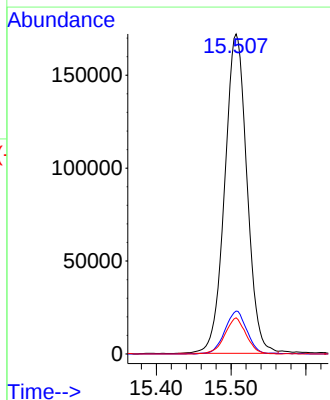
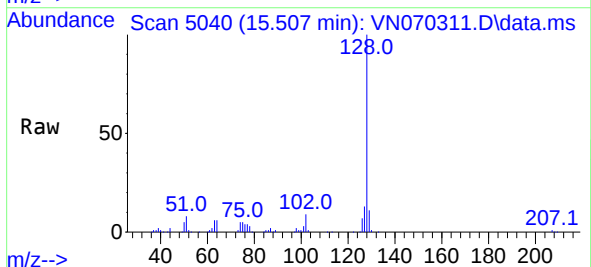
Instrument :
MSVOA_N
ClientSampleId :
IBLK

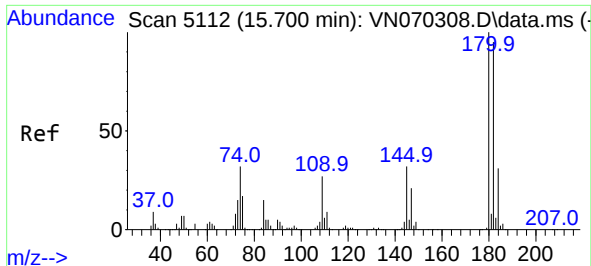
Tgt Ion:225 Resp: 9961
Ion Ratio Lower Upper
225 100
223 66.5 31.9 95.7
227 60.3 32.1 96.3



#95
Naphthalene
Concen: 8.85 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. 0.003 min
Lab File: VN070311.D
Acq: 27 Dec 2021 13:29

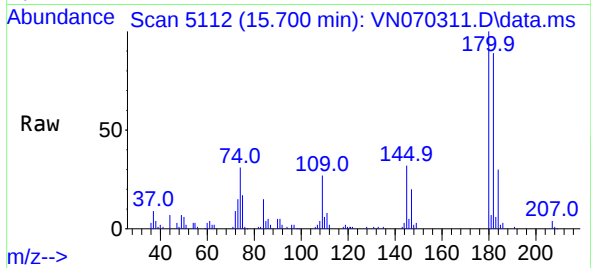
Tgt Ion:128 Resp: 355153
Ion Ratio Lower Upper
128 100
127 13.3 10.5 15.7
129 10.9 8.7 13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 6.22 ug/l
 RT: 15.700 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VN070311.D
 Acq: 27 Dec 2021 13:29

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK



Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.5	47.4	142.2
145	32.3	15.0	45.1

