

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN083021\
 Data File : VN068359.D
 Acq On : 30 Aug 2021 15:00
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Aug 31 02:22:44 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083021W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 31 02:20:58 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	436111	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	676586	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	689140	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	287555	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	221401	49.737	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	99.480%
35) Dibromofluoromethane	8.024	113	212518	49.541	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	99.080%
50) Toluene-d8	10.446	98	828002	51.562	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	103.120%
62) 4-Bromofluorobenzene	12.733	95	281145	53.349	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	106.700%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.073	85	1079	0.297	ug/l	91
3) Chloromethane	2.301	50	1067	0.281	ug/l	97
5) Bromomethane	2.877	94	3143	Below Cal		98
10) Methyl Iodide	4.414	142	1392	0.300	ug/l #	58
11) Tert butyl alcohol	5.401	59	195	0.335	ug/l #	73
13) Acrolein	4.036	56	564	1.492	ug/l #	75
15) Acrylonitrile	5.554	53	446	0.280	ug/l #	1
16) Acetone	4.307	43	4559	Below Cal		96
17) Carbon Disulfide	4.521	76	5547	0.605	ug/l	98
18) Methyl Acetate	4.848	43	751	Below Cal		100
20) Methylene Chloride	5.095	84	2085	Below Cal		98
21) trans-1,2-Dichloroethene	5.594	96	939	0.247	ug/l #	89
25) 2-Butanone	7.353	43	5751	2.818	ug/l	89
29) Tetrahydrofuran	7.683	42	531	0.406	ug/l #	66
31) Cyclohexane	8.083	56	4813	0.821	ug/l #	39
36) 1,1-Dichloropropene	8.222	75	2011	0.374	ug/l #	85
37) Ethyl Acetate	7.426	43	1217	0.271	ug/l #	72
38) Carbon Tetrachloride	8.088	117	39693	6.173	ug/l #	17
39) Methylcyclohexane	9.456	83	1629	0.243	ug/l	88
41) Methacrylonitrile	7.640	41	978	0.466	ug/l #	75
44) Trichloroethene	9.217	130	2036	0.397	ug/l	99
46) Dibromomethane	9.579	93	821	0.261	ug/l	96
48) Methyl methacrylate	9.563	41	1258	0.396	ug/l #	83
49) 1,4-Dioxane	9.577	88	1003	13.412	ug/l #	84
51) 4-Methyl-2-Pentanone	10.336	43	10842	2.392	ug/l	96
52) Toluene	10.507	92	2655	0.237	ug/l	78
53) t-1,3-Dichloropropene	10.725	75	1741	0.292	ug/l #	66
56) Ethyl methacrylate	10.768	69	2859	2.081	ug/l #	88
58) 2-Chloroethyl Vinyl ether	10.070	63	84	19.554	ug/l #	41
59) 2-Hexanone	11.092	43	23904	7.577	ug/l	89
60) Dibromochloromethane	11.242	129	1134	0.218	ug/l	92
61) 1,2-Dibromoethane	11.350	107	1120	0.235	ug/l	86
64) Tetrachloroethene	10.982	164	2488	0.462	ug/l	95
65) Chlorobenzene	11.773	112	6462	0.467	ug/l	93
67) Ethyl Benzene	11.848	91	8399	0.371	ug/l	95
68) m/p-Xylenes	11.953	106	7245	0.795	ug/l	97

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

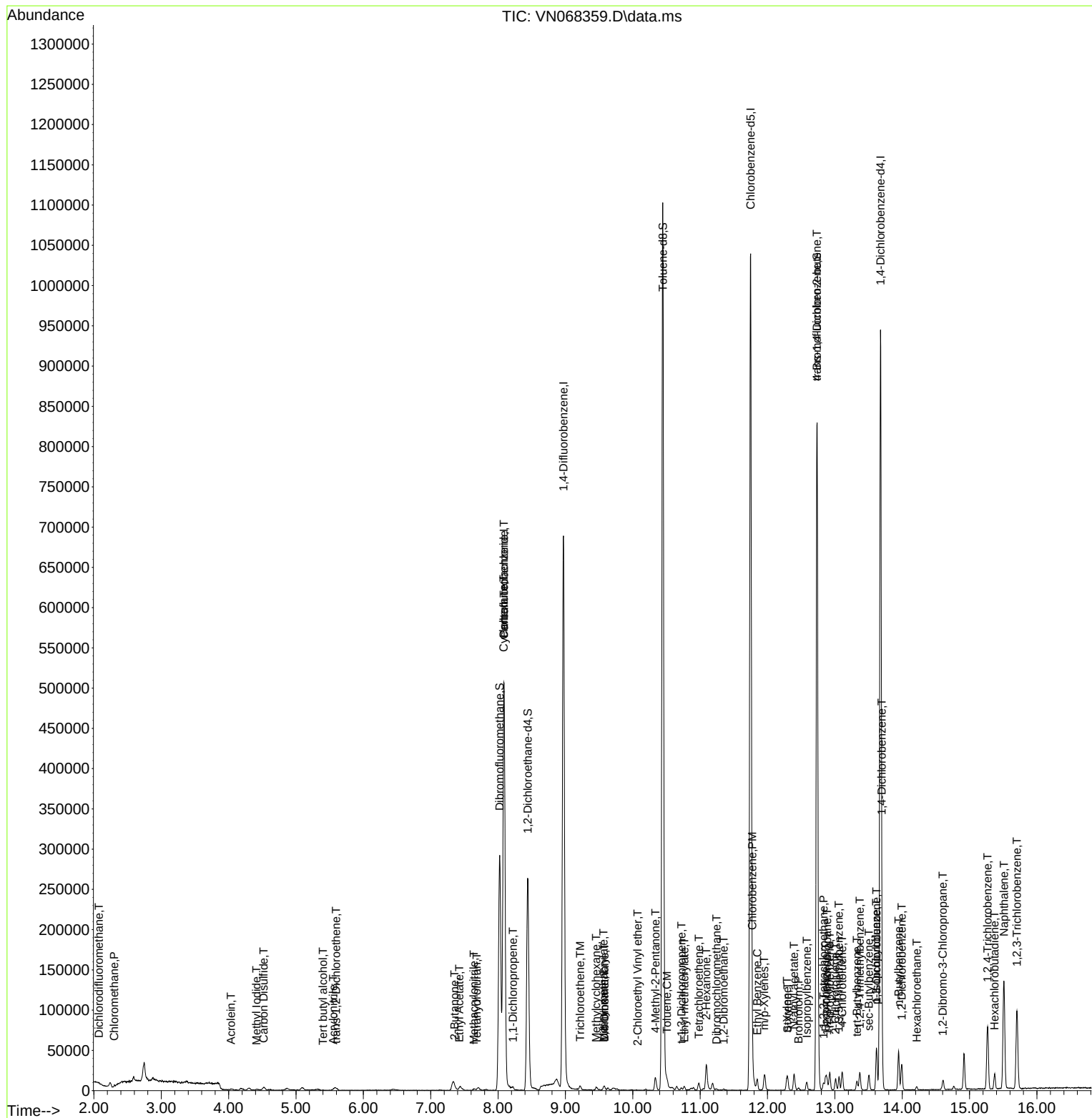
69) o-Xylene	12.288	106	2718	0.310	ug/l	95
70) Styrene	12.299	104	7696	0.557	ug/l	98
71) Bromoform	12.463	173	1741	2.263	ug/l #	94
73) Isopropylbenzene	12.583	105	7967	0.386	ug/l	99
74) N-amyl acetate	12.393	43	11943	2.315	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.833	83	4644	0.752	ug/l	90
76) 1,2,3-Trichloropropane	12.886	75	6164	1.261	ug/l	47
77) Bromobenzene	12.865	156	5435	0.931	ug/l	95
78) n-propylbenzene	12.924	91	18750	0.858	ug/l	97
79) 2-Chlorotoluene	13.010	91	9135	0.675	ug/l	92
80) 1,3,5-Trimethylbenzene	13.061	105	8356	0.498	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.733	75	138194	93.429	ug/l #	14
82) 4-Chlorotoluene	13.109	91	14242	1.091	ug/l	95
83) tert-Butylbenzene	13.326	119	6680	0.435	ug/l #	88
84) 1,2,4-Trimethylbenzene	13.372	105	12396	0.756	ug/l	99
85) sec-Butylbenzene	13.506	105	14215	0.704	ug/l #	76
86) p-Isopropyltoluene	13.616	119	14937	0.894	ug/l	95
87) 1,3-Dichlorobenzene	13.618	146	13890	1.396	ug/l	98
88) 1,4-Dichlorobenzene	13.696	146	19112	1.930	ug/l	87
89) n-Butylbenzene	13.946	91	27122	2.154	ug/l	97
90) Hexachloroethane	14.217	117	835	0.259	ug/l	58
91) 1,2-Dichlorobenzene	13.994	146	15764	1.669	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.603	75	3117	3.248	ug/l	82
93) 1,2,4-Trichlorobenzene	15.268	180	30363	7.860	ug/l	98
94) Hexachlorobutadiene	15.370	225	4152	1.515	ug/l	96
95) Naphthalene	15.509	128	135635	13.269	ug/l	100
96) 1,2,3-Trichlorobenzene	15.702	180	39105	9.692	ug/l	97

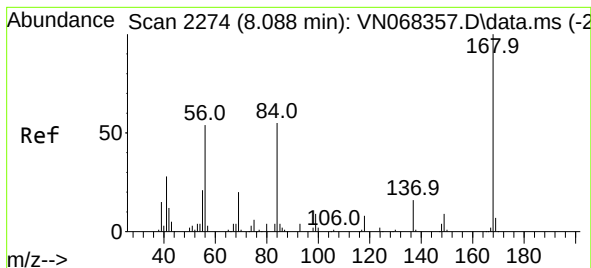
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.086 min Scan# 2273

Delta R.T. -0.002 min

Lab File: VN068359.D

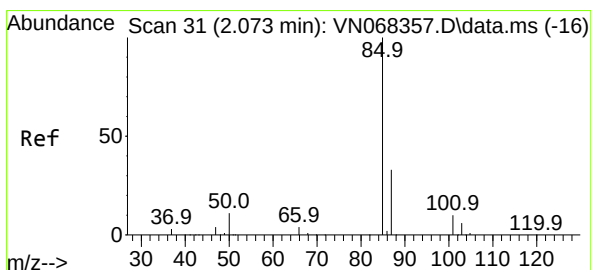
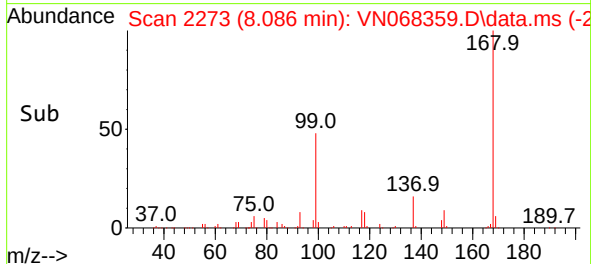
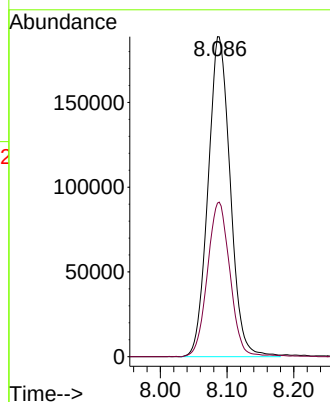
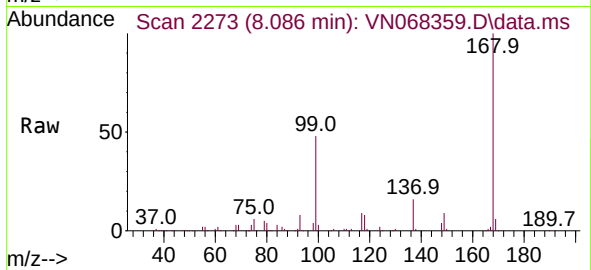
Acq: 30 Aug 2021 15:00

Tgt Ion:168 Resp: 436111

Ion Ratio Lower Upper

168 100

99 48.0 38.6 57.8



#2

Dichlorodifluoromethane

Concen: 0.297 ug/l

RT: 2.073 min Scan# 31

Delta R.T. -0.000 min

Lab File: VN068359.D

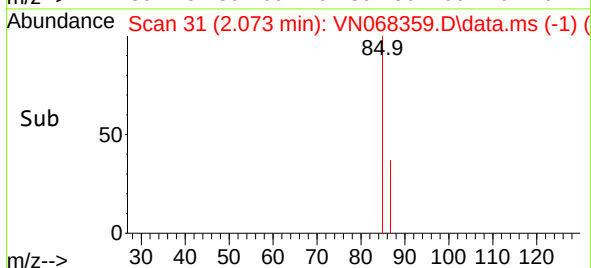
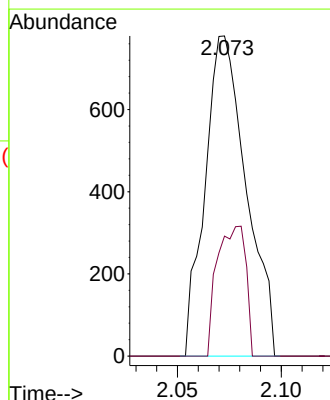
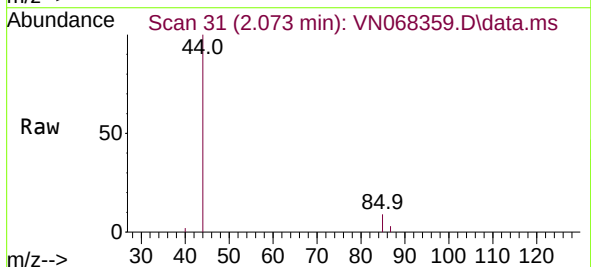
Acq: 30 Aug 2021 15:00

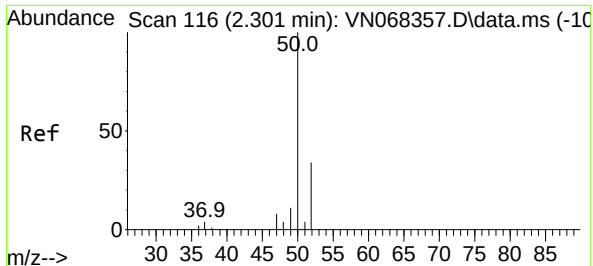
Tgt Ion: 85 Resp: 1079

Ion Ratio Lower Upper

85 100

87 37.5 16.3 48.9

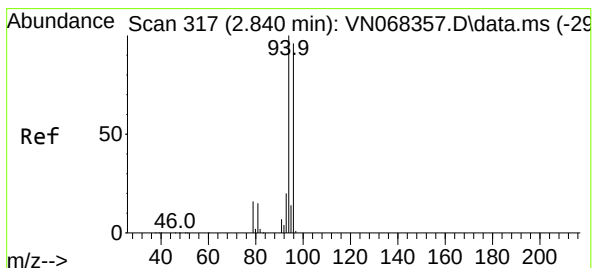
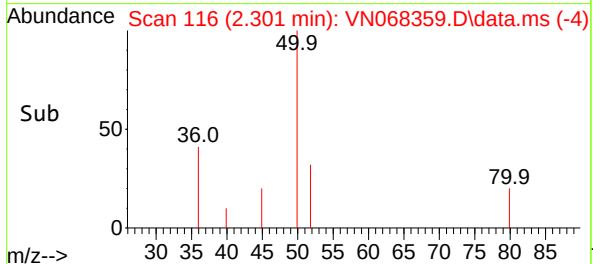
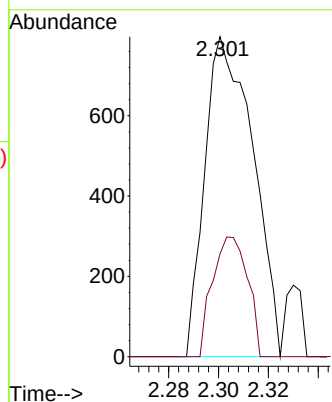
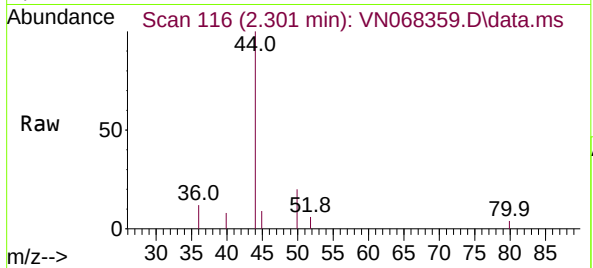




#3
Chloromethane
Concen: 0.281 ug/l
RT: 2.301 min Scan# 116
Delta R.T. -0.000 min
Lab File: VN068359.D
Acq: 30 Aug 2021 15:00

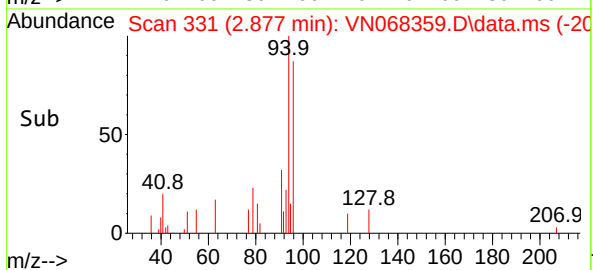
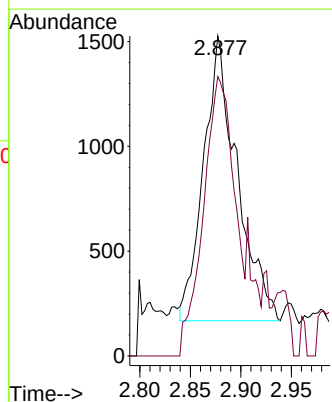
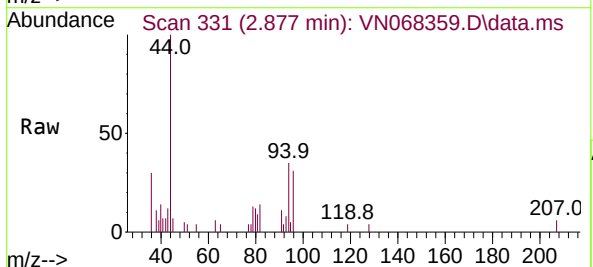
Instrument :
MSVOA_N
ClientSampled :
IBLK

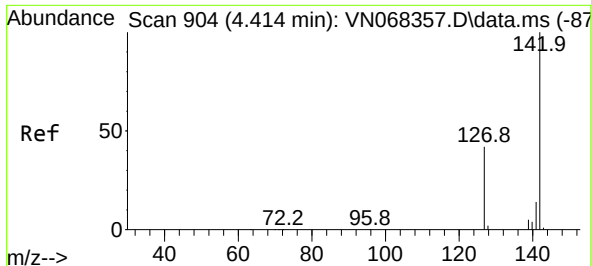
Tgt Ion: 50 Resp: 1067
Ion Ratio Lower Upper
50 100
52 32.1 27.1 40.7



#5
Bromomethane
Concen: Below Cal
RT: 2.877 min Scan# 331
Delta R.T. 0.037 min
Lab File: VN068359.D
Acq: 30 Aug 2021 15:00

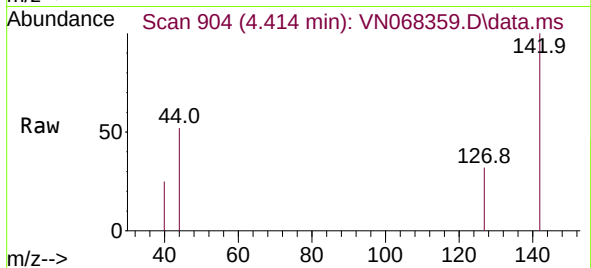
Tgt Ion: 94 Resp: 3143
Ion Ratio Lower Upper
94 100
96 98.1 77.1 115.7



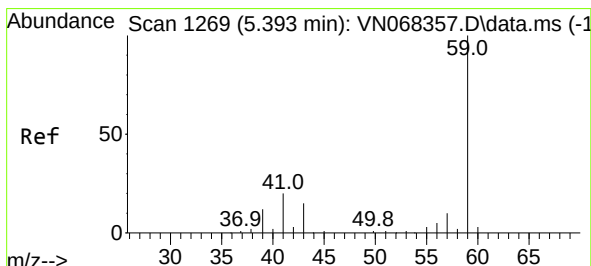
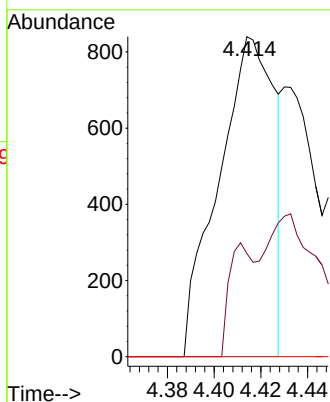
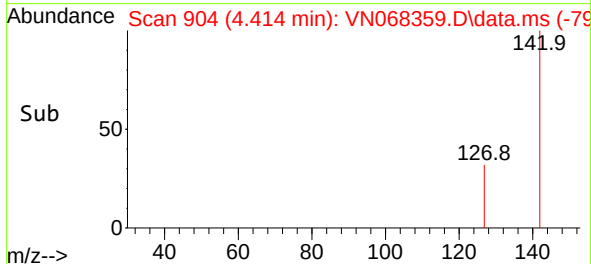


#10
Methyl Iodide
Concen: 0.300 ug/l
RT: 4.414 min Scan# 904
Delta R.T. -0.000 min
Lab File: VN068359.D
Acq: 30 Aug 2021 15:00

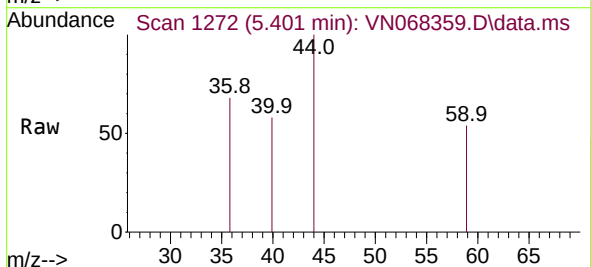
Instrument :
MSVOA_N
ClientSampled :
IBLK



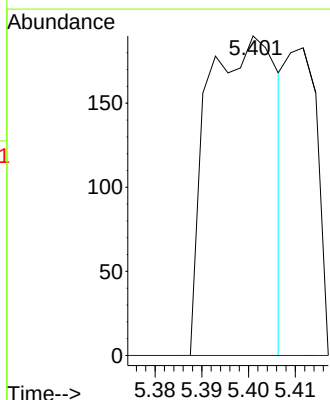
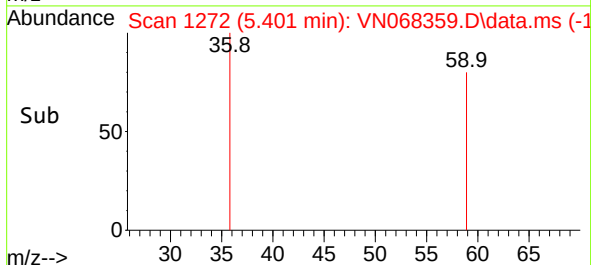
Tgt Ion:142 Resp: 1392
Ion Ratio Lower Upper
142 100
127 14.9 34.6 51.8#
141 0.0 11.4 17.0#

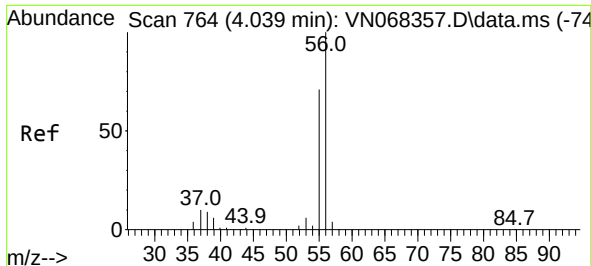


#11
Tert butyl alcohol
Concen: 0.335 ug/l
RT: 5.401 min Scan# 1272
Delta R.T. 0.008 min
Lab File: VN068359.D
Acq: 30 Aug 2021 15:00



Tgt Ion: 59 Resp: 195
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#

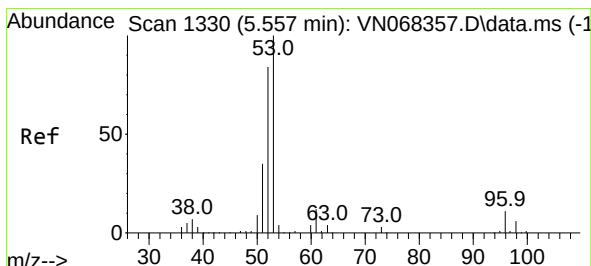
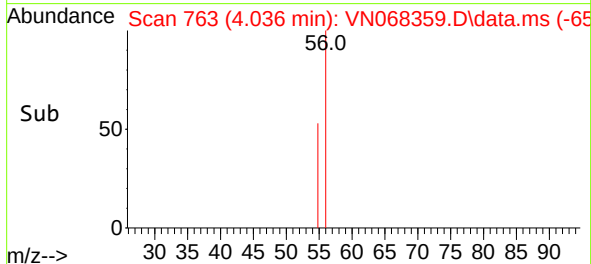
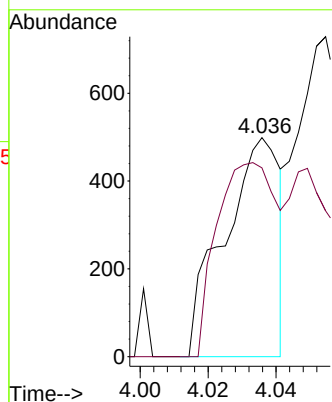
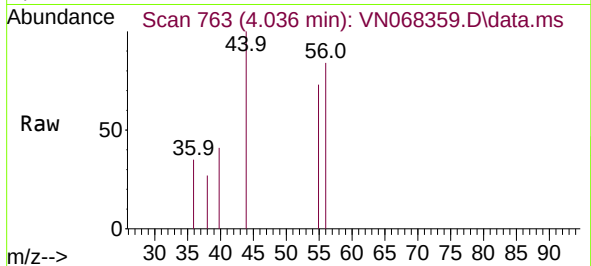




#13
Acrolein
Concen: 1.492 ug/l
RT: 4.036 min Scan# 763
Delta R.T. -0.003 min
Lab File: VN068359.D
Acq: 30 Aug 2021 15:00

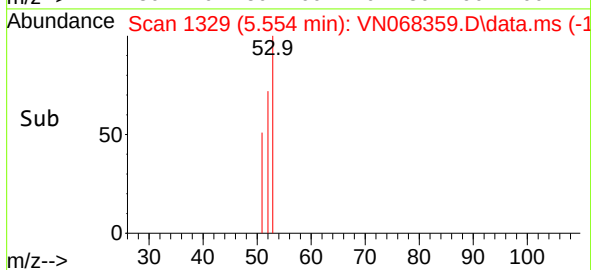
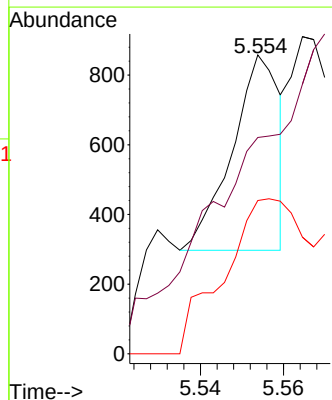
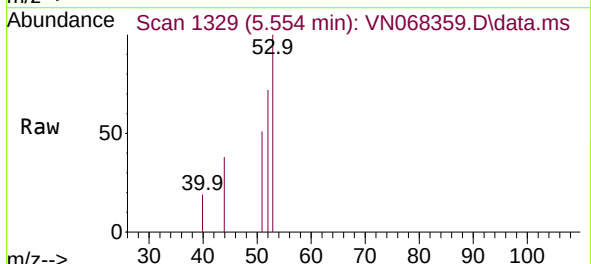
Instrument :
MSVOA_N
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IBLK

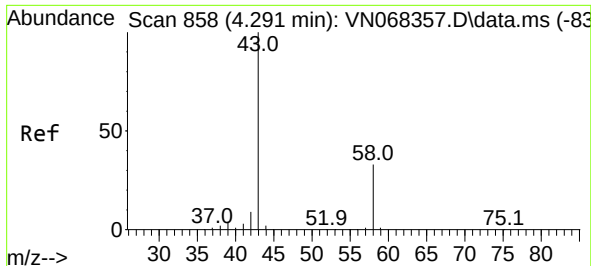
Tgt Ion: 56 Resp: 564
Ion Ratio Lower Upper
56 100
55 94.9 58.9 88.3#



#15
Acrylonitrile
Concen: 0.280 ug/l
RT: 5.554 min Scan# 1329
Delta R.T. -0.003 min
Lab File: VN068359.D
Acq: 30 Aug 2021 15:00

Tgt Ion: 53 Resp: 446
Ion Ratio Lower Upper
53 100
52 543.3 66.2 99.4#
51 135.2 29.5 44.3#

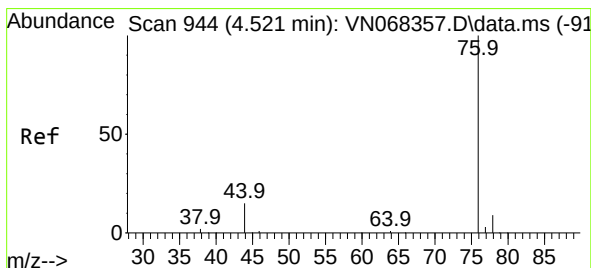
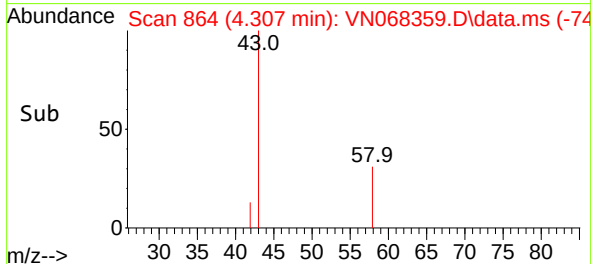
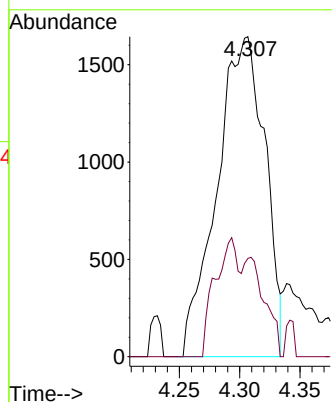
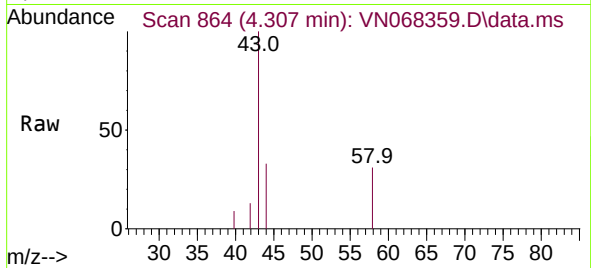




#16
Acetone
Concen: Below Cal
RT: 4.307 min Scan# 864
Delta R.T. 0.016 min
Lab File: VN068359.D
Acq: 30 Aug 2021 15:00

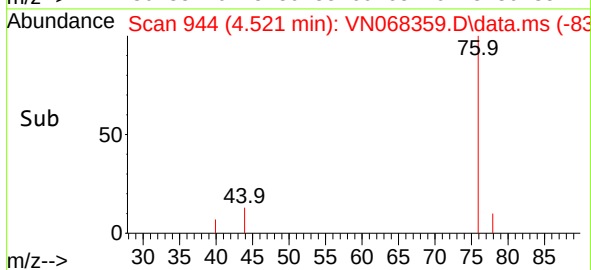
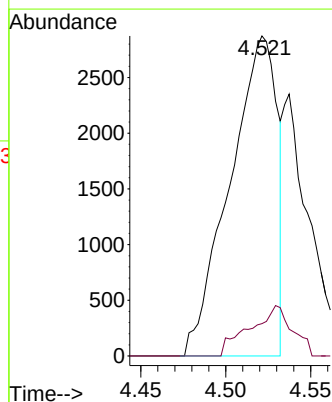
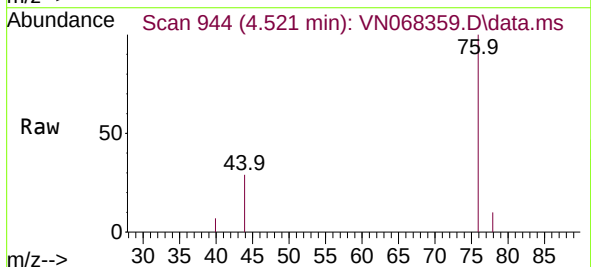
Instrument :
MSVOA_N
ClientSampled :
IBLK

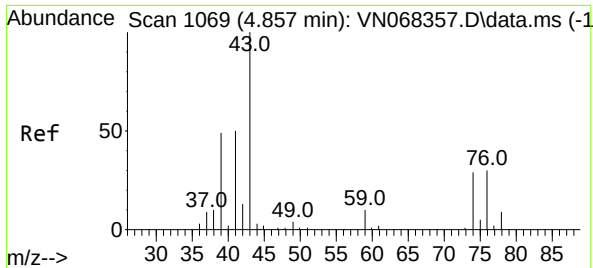
Tgt Ion: 43 Resp: 4559
Ion Ratio Lower Upper
43 100
58 30.7 26.3 39.5



#17
Carbon Disulfide
Concen: 0.605 ug/l
RT: 4.521 min Scan# 944
Delta R.T. -0.000 min
Lab File: VN068359.D
Acq: 30 Aug 2021 15:00

Tgt Ion: 76 Resp: 5547
Ion Ratio Lower Upper
76 100
78 10.1 7.4 11.0





#18

Methyl Acetate

Concen: Below Cal

RT: 4.848 min Scan# 1066

Delta R.T. -0.009 min

Lab File: VN068359.D

Acq: 30 Aug 2021 15:00

Instrument :

MSVOA_N

ClientSampleId :

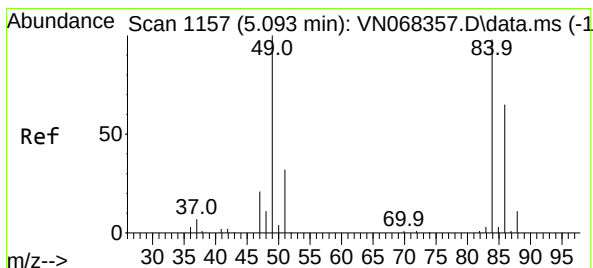
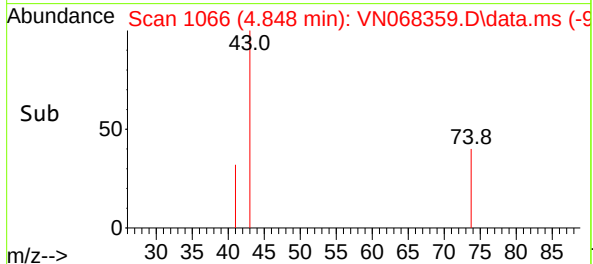
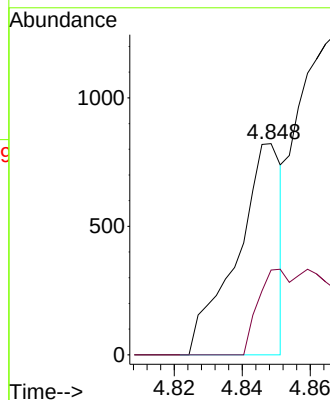
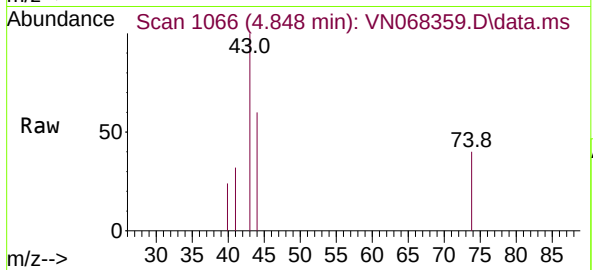
IBLK

Tgt Ion: 43 Resp: 751

Ion Ratio Lower Upper

43 100

74 28.9 23.0 34.4



#20

Methylene Chloride

Concen: Below Cal

RT: 5.095 min Scan# 1158

Delta R.T. 0.002 min

Lab File: VN068359.D

Acq: 30 Aug 2021 15:00

Tgt Ion: 84 Resp: 2085

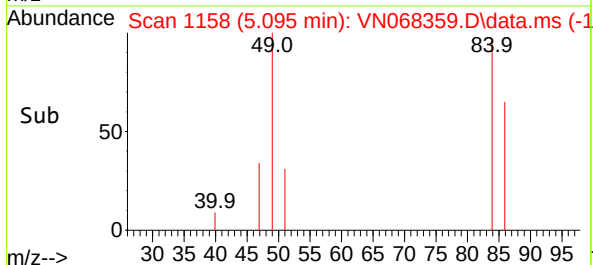
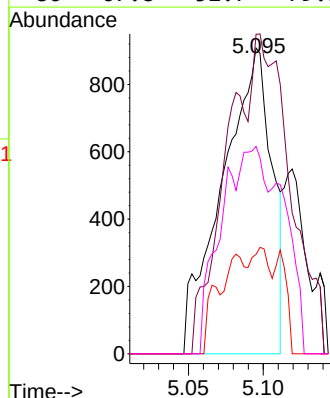
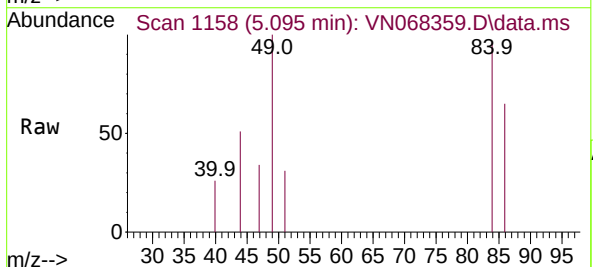
Ion Ratio Lower Upper

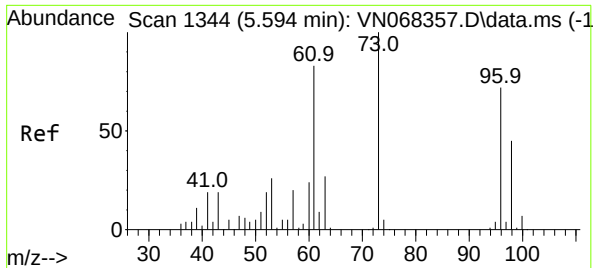
84 100

49 104.5 81.8 122.6

51 32.5 26.3 39.5

86 67.8 52.7 79.1

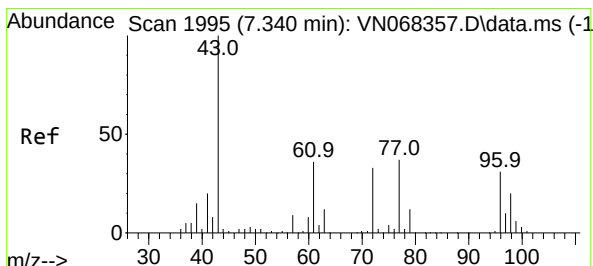
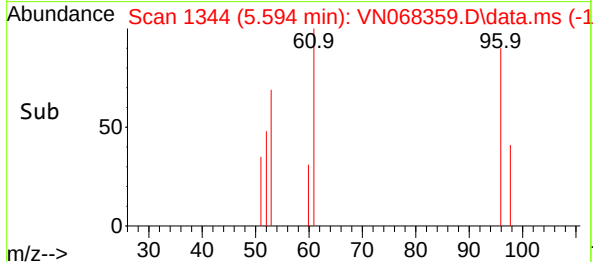
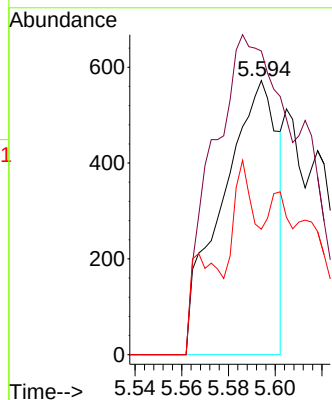
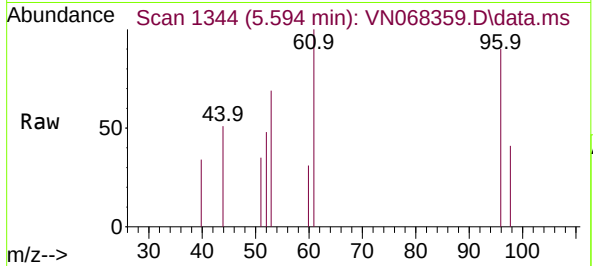




#21
trans-1,2-Dichloroethene
Concen: 0.247 ug/l
RT: 5.594 min Scan# 1344
Delta R.T. -0.000 min
Lab File: VN068359.D
Acq: 30 Aug 2021 15:00

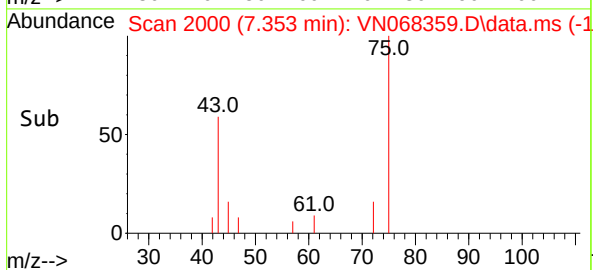
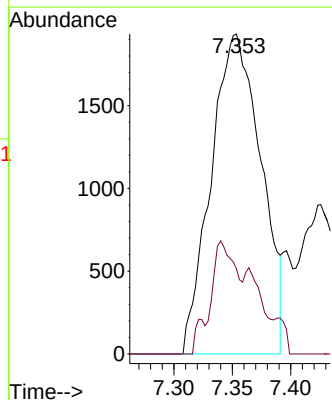
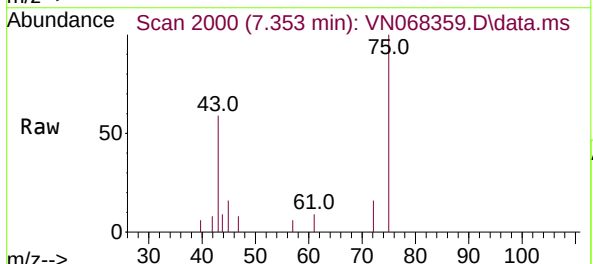
Instrument :
MSVOA_N
ClientSampled :
IBLK

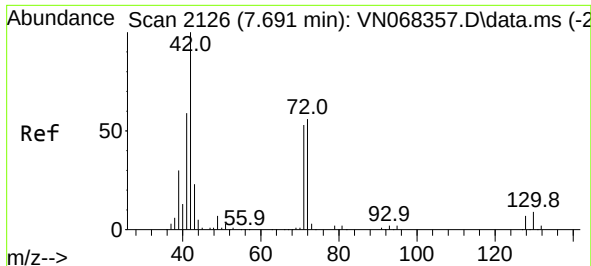
Tgt Ion: 96 Resp: 939
Ion Ratio Lower Upper
96 100
61 110.8 92.9 139.3
98 45.8 50.5 75.7#



#25
2-Butanone
Concen: 2.818 ug/l
RT: 7.353 min Scan# 2000
Delta R.T. 0.013 min
Lab File: VN068359.D
Acq: 30 Aug 2021 15:00

Tgt Ion: 43 Resp: 5751
Ion Ratio Lower Upper
43 100
72 26.7 26.5 39.7





#29

Tetrahydrofuran

Concen: 0.406 ug/l

RT: 7.683 min Scan# 2123

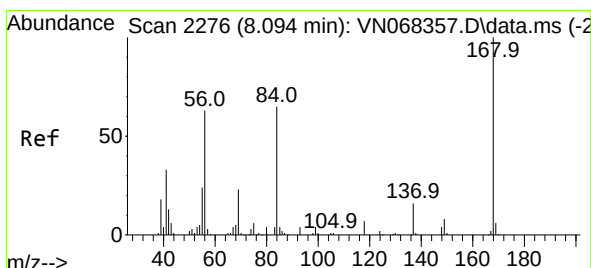
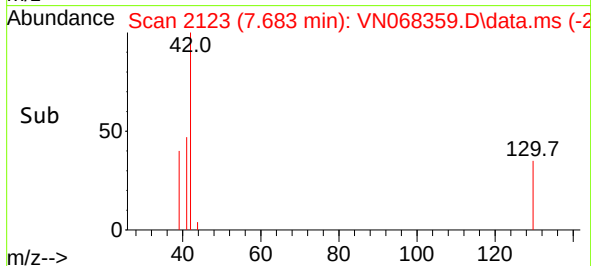
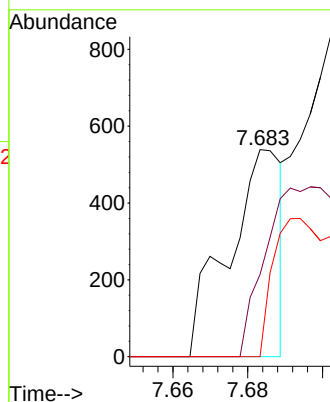
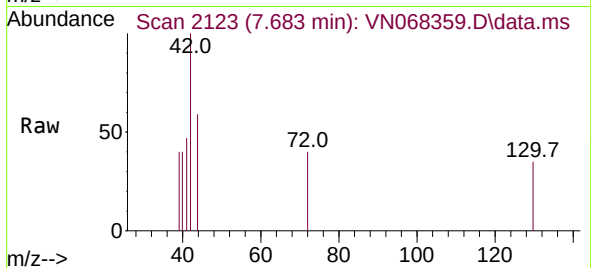
Delta R.T. -0.008 min

Lab File: VN068359.D

Acq: 30 Aug 2021 15:00

Tgt Ion:	42	Resp:	531
Ion	Ratio	Lower	Upper
42	100		
72	98.7	44.0	66.0#
71	57.4	42.6	63.8

Instrument :
MSVOA_N
ClientSampled :
IBLK



#31

Cyclohexane

Concen: 0.821 ug/l

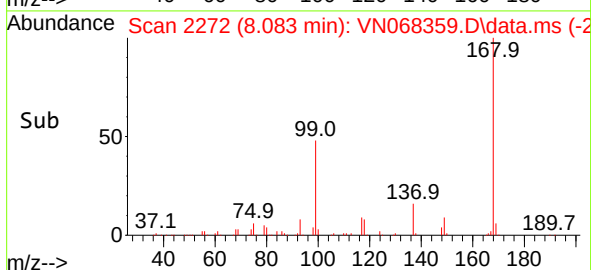
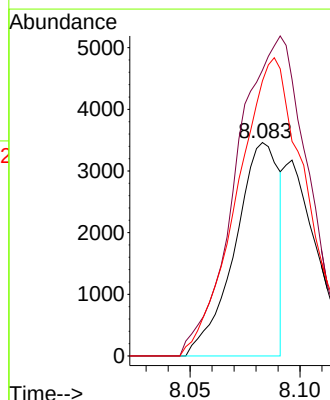
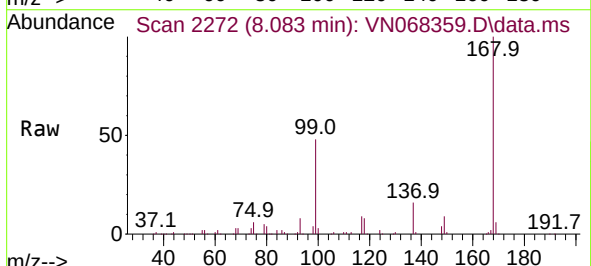
RT: 8.083 min Scan# 2272

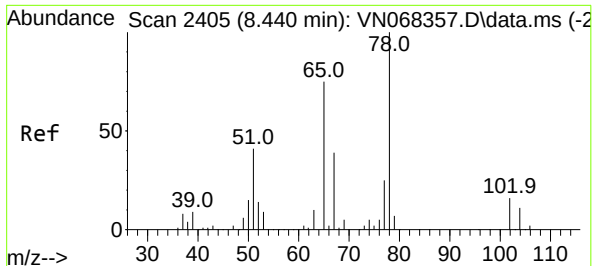
Delta R.T. -0.011 min

Lab File: VN068359.D

Acq: 30 Aug 2021 15:00

Tgt Ion:	56	Resp:	4813
Ion	Ratio	Lower	Upper
56	100		
69	133.9	29.8	44.6#
84	128.9	82.6	124.0#



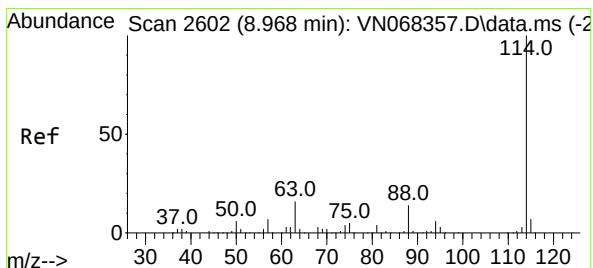
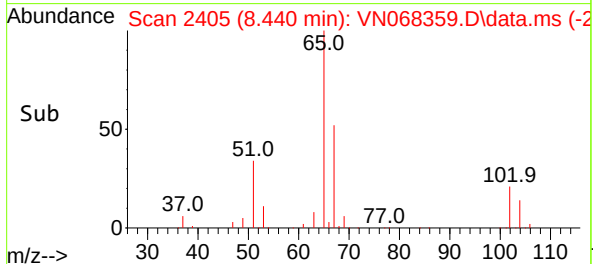
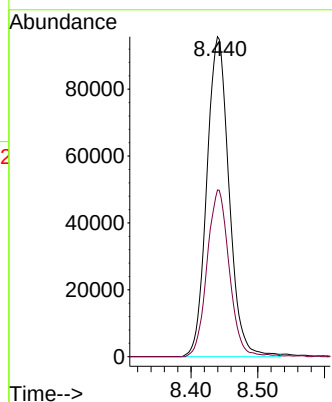
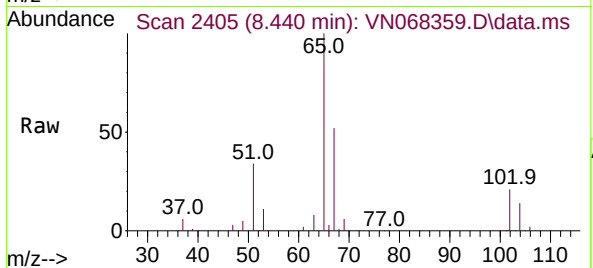


#33

1,2-Dichloroethane-d4
Concen: 49.737 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN068359.D
Acq: 30 Aug 2021 15:00

Instrument :
MSVOA_N
ClientSampled :
IBLK

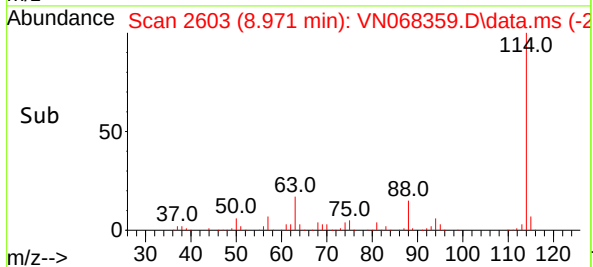
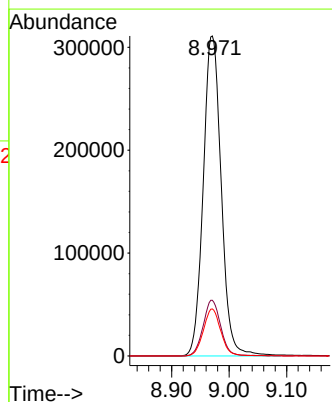
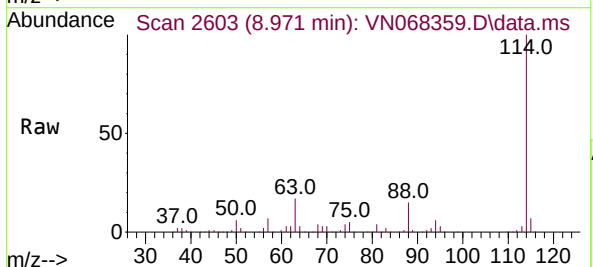
Tgt Ion: 65 Resp: 221401
Ion Ratio Lower Upper
65 100
67 51.7 0.0 105.8

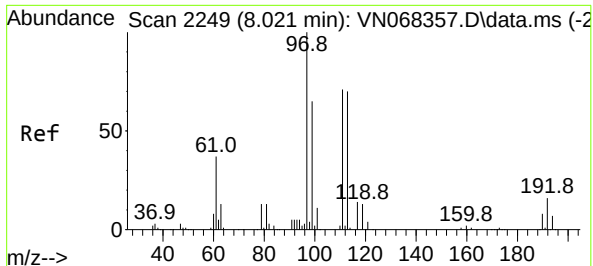


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN068359.D
Acq: 30 Aug 2021 15:00

Tgt Ion: 114 Resp: 676586
Ion Ratio Lower Upper
114 100
63 17.4 0.0 32.2
88 14.7 0.0 27.6





#35

Dibromofluoromethane

Concen: 49.541 ug/l

RT: 8.024 min Scan# 2250

Delta R.T. 0.003 min

Lab File: VN068359.D

Acq: 30 Aug 2021 15:00

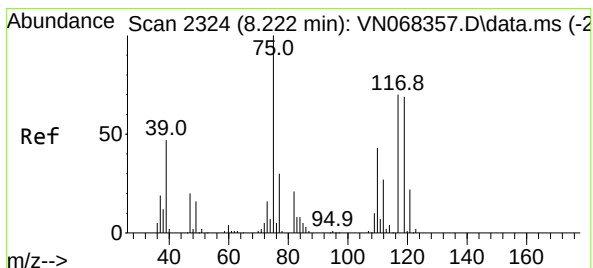
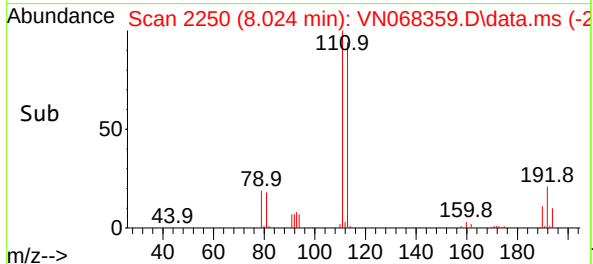
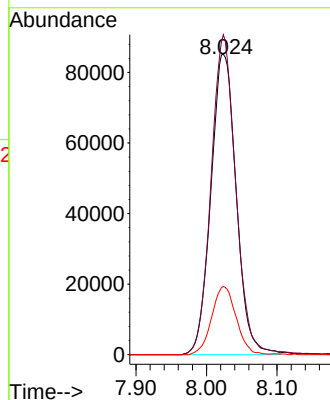
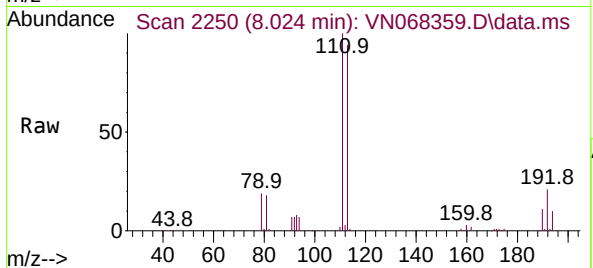
Tgt Ion:113 Resp: 212518

Ion Ratio Lower Upper

113 100

111 103.8 82.2 123.4

192 22.0 18.1 27.1



#36

1,1-Dichloropropene

Concen: 0.374 ug/l

RT: 8.222 min Scan# 2324

Delta R.T. -0.000 min

Lab File: VN068359.D

Acq: 30 Aug 2021 15:00

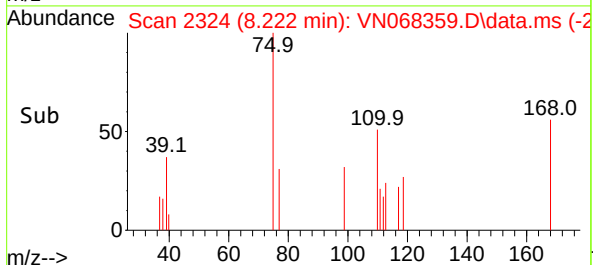
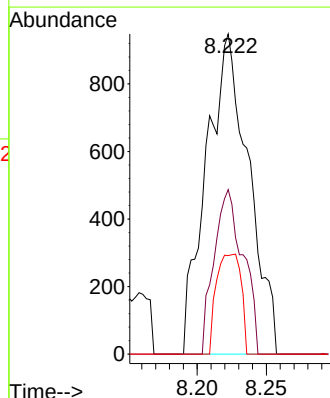
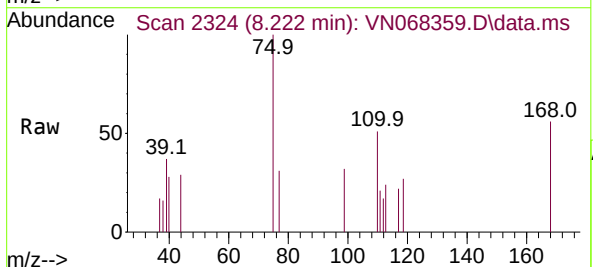
Tgt Ion: 75 Resp: 2011

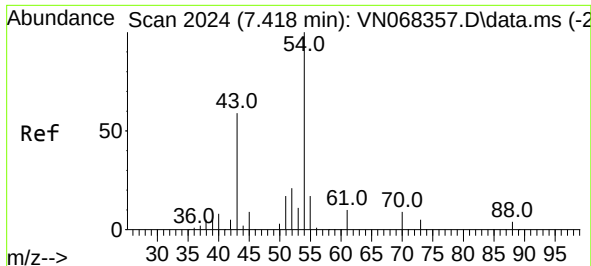
Ion Ratio Lower Upper

75 100

110 35.2 20.8 62.2

77 18.1 24.4 36.6#

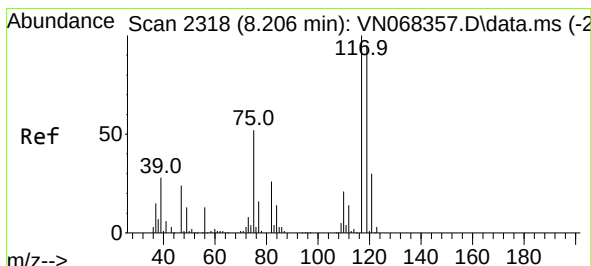
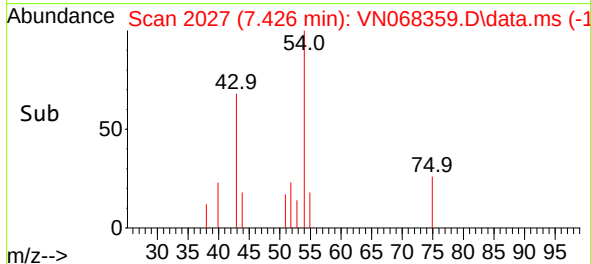
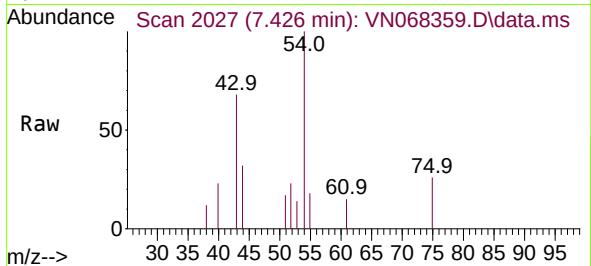




#37
Ethyl Acetate
Concen: 0.271 ug/l
RT: 7.426 min Scan# 2027
Delta R.T. 0.008 min
Lab File: VN068359.D
Acq: 30 Aug 2021 15:00

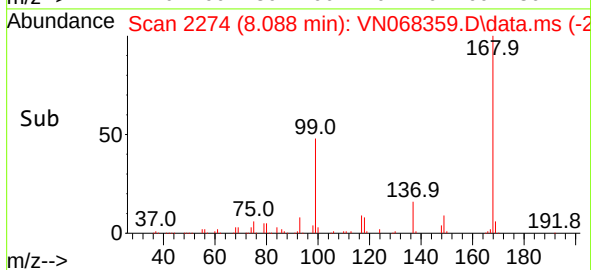
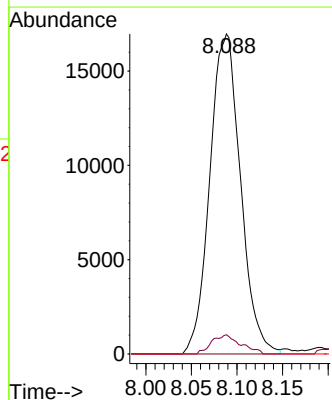
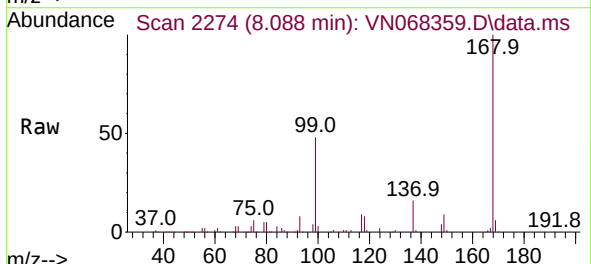
Instrument :
MSVOA_N
ClientSampled :
IBLK

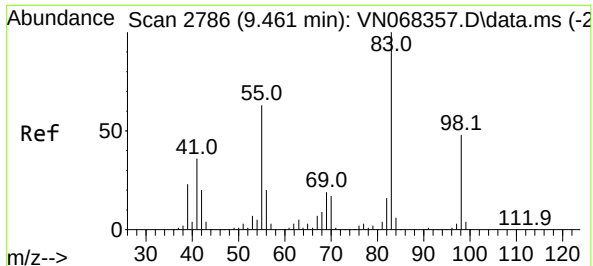
Tgt Ion:	43	Resp:	1217
Ion	Ratio	Lower	Upper
43	100		
61	5.2	13.0	19.4#
70	0.0	9.8	14.8#



#38
Carbon Tetrachloride
Concen: 6.173 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.118 min
Lab File: VN068359.D
Acq: 30 Aug 2021 15:00

Tgt Ion:	117	Resp:	39693
Ion	Ratio	Lower	Upper
117	100		
119	6.0	76.0	114.0#
121	0.0	24.2	36.2#

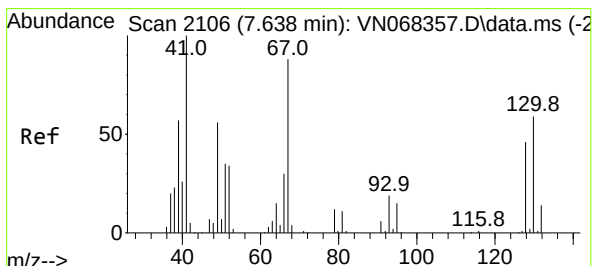
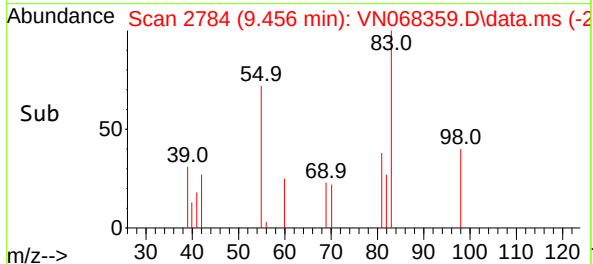
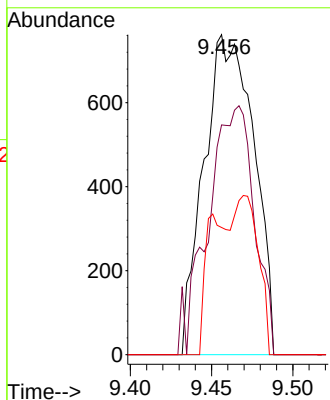
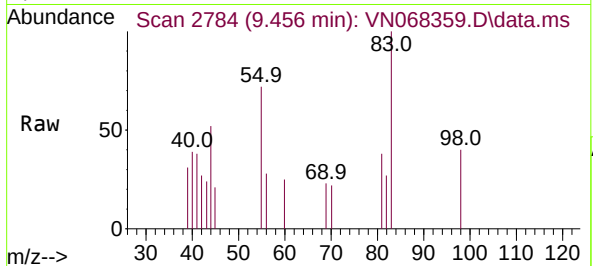




#39
Methylcyclohexane
Concen: 0.243 ug/l
RT: 9.456 min Scan# 2784
Delta R.T. -0.005 min
Lab File: VN068359.D
Acq: 30 Aug 2021 15:00

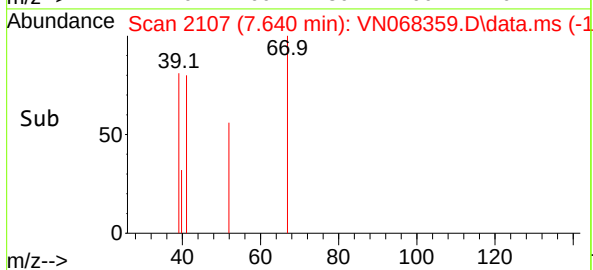
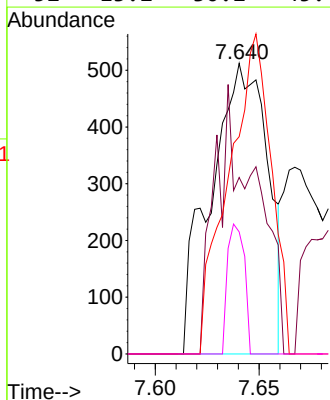
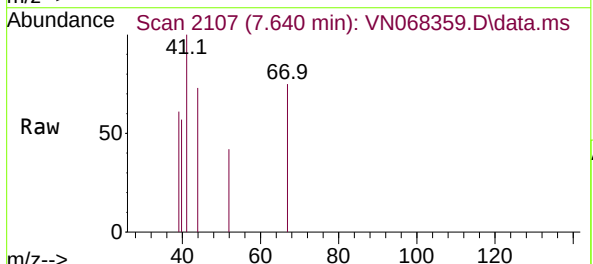
Instrument :
MSVOA_N
ClientSampleId :
IBLK

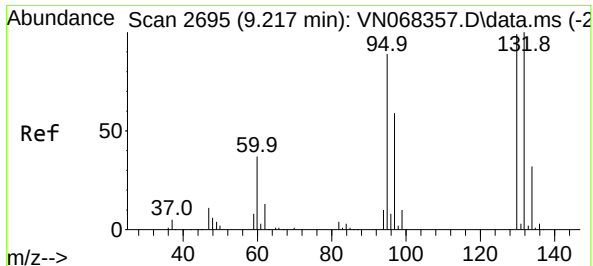
Tgt Ion: 83 Resp: 1629
Ion Ratio Lower Upper
83 100
55 71.8 50.2 75.2
98 39.8 38.6 57.8



#41
Methacrylonitrile
Concen: 0.466 ug/l
RT: 7.640 min Scan# 2107
Delta R.T. 0.003 min
Lab File: VN068359.D
Acq: 30 Aug 2021 15:00

Tgt Ion: 41 Resp: 978
Ion Ratio Lower Upper
41 100
39 40.3 48.2 72.4#
67 82.2 80.8 121.2
52 13.2 30.2 45.4#

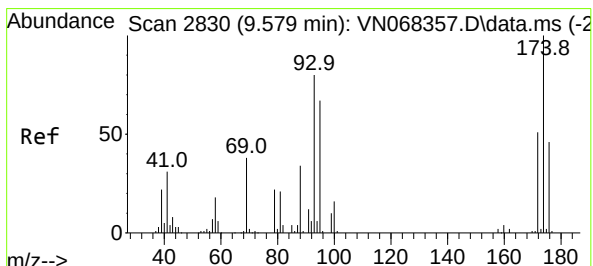
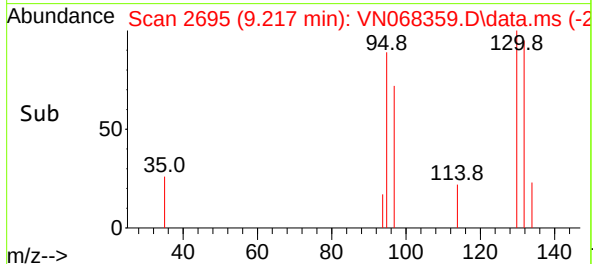
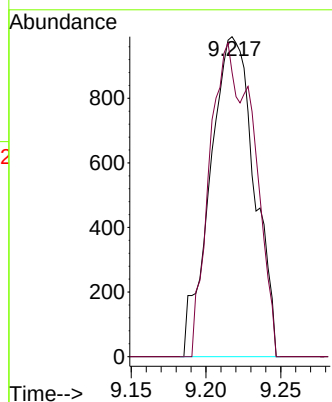
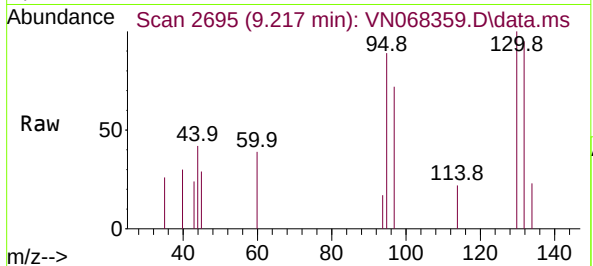




#44
Trichloroethene
Concen: 0.397 ug/l
RT: 9.217 min Scan# 2695
Delta R.T. -0.000 min
Lab File: VN068359.D
Acq: 30 Aug 2021 15:00

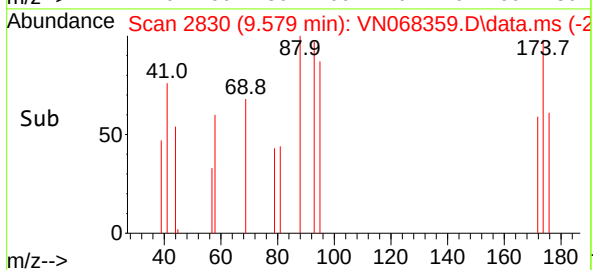
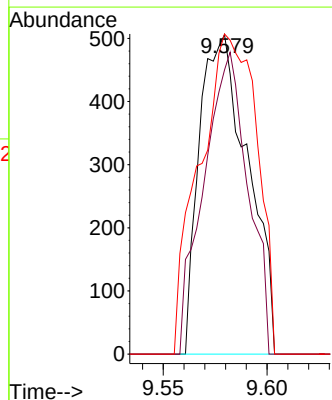
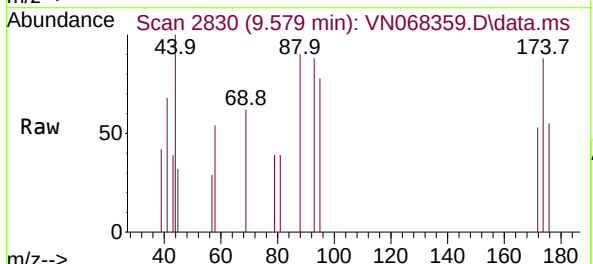
Instrument :
MSVOA_N
ClientSampled :
IBLK

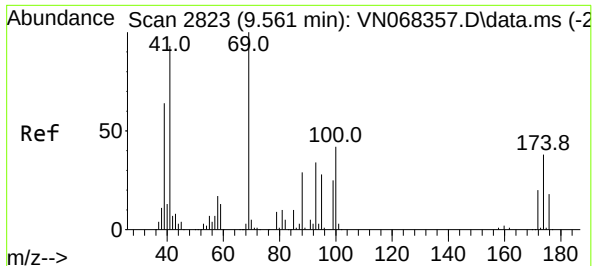
Tgt Ion:130 Resp: 2036
Ion Ratio Lower Upper
130 100
95 88.9 0.0 179.8



#46
Dibromomethane
Concen: 0.261 ug/l
RT: 9.579 min Scan# 2830
Delta R.T. -0.000 min
Lab File: VN068359.D
Acq: 30 Aug 2021 15:00

Tgt Ion: 93 Resp: 821
Ion Ratio Lower Upper
93 100
95 86.6 67.0 100.4
174 118.6 98.6 148.0





#48

Methyl methacrylate

Concen: 0.396 ug/l

RT: 9.563 min Scan# 2824

Delta R.T. 0.003 min

Lab File: VN068359.D

Acq: 30 Aug 2021 15:00

Tgt Ion: 41 Resp: 1258

Ion Ratio Lower Upper

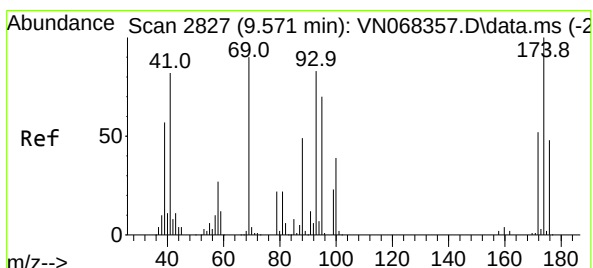
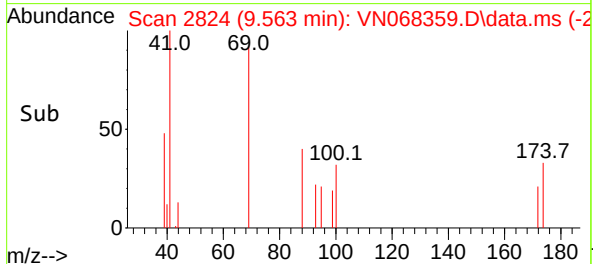
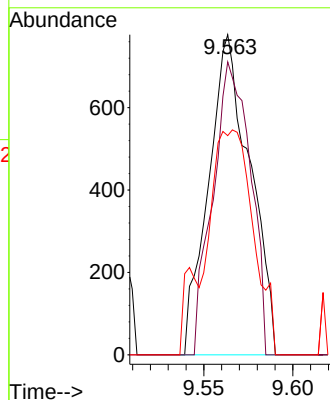
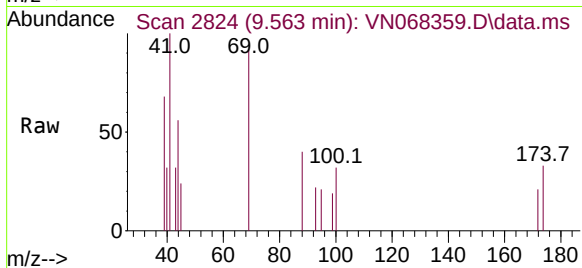
41	100		
69	82.8	83.8	125.8#
39	71.4	51.7	77.5

Instrument :

MSVOA_N

ClientSampled :

IBLK



#49

1,4-Dioxane

Concen: 13.412 ug/l

RT: 9.577 min Scan# 2829

Delta R.T. 0.005 min

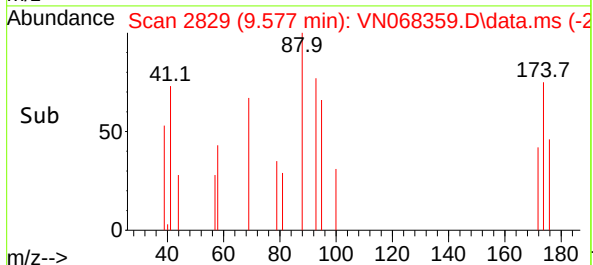
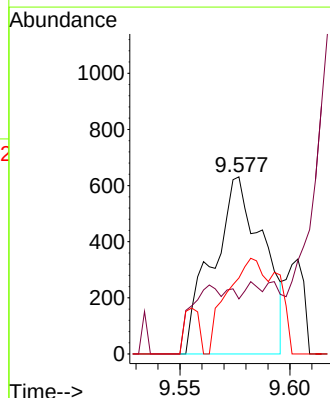
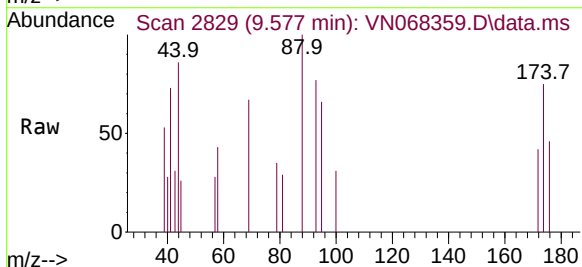
Lab File: VN068359.D

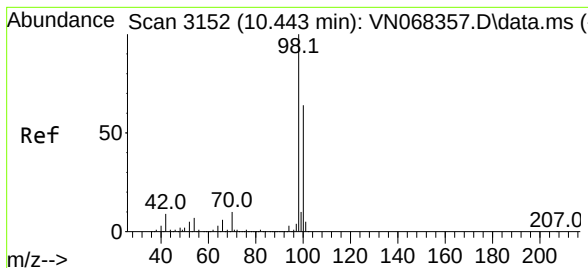
Acq: 30 Aug 2021 15:00

Tgt Ion: 88 Resp: 1003

Ion Ratio Lower Upper

88	100		
43	0.0	19.0	28.4#
58	53.8	44.7	67.1

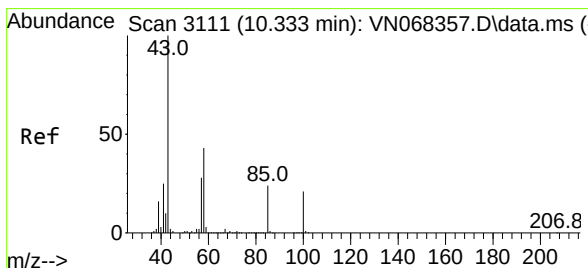
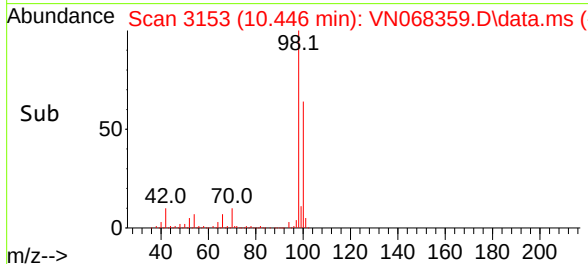
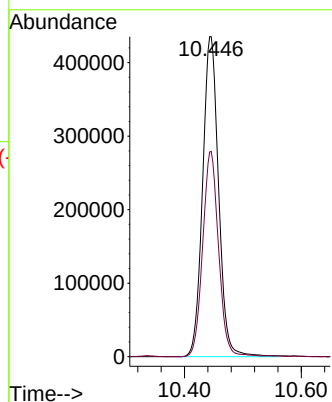
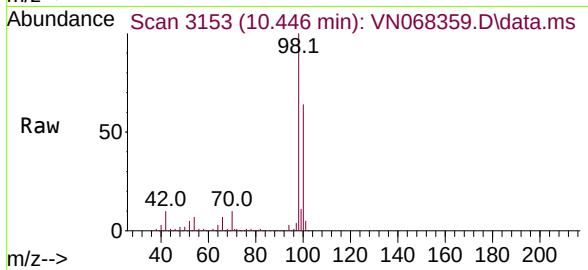




#50
Toluene-d8
Concen: 51.562 ug/l
RT: 10.446 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VN068359.D
Acq: 30 Aug 2021 15:00

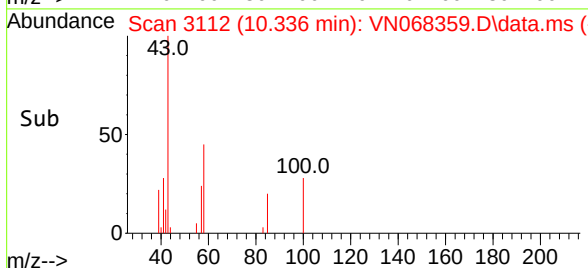
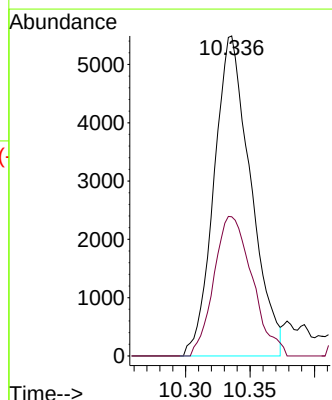
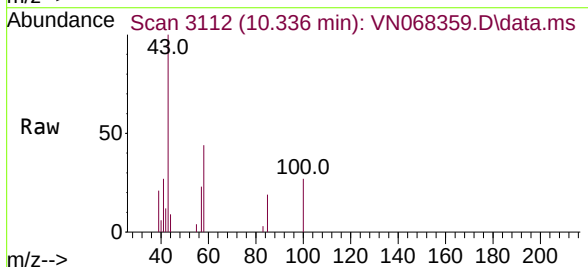
Instrument :
MSVOA_N
ClientSampleId :
IBLK

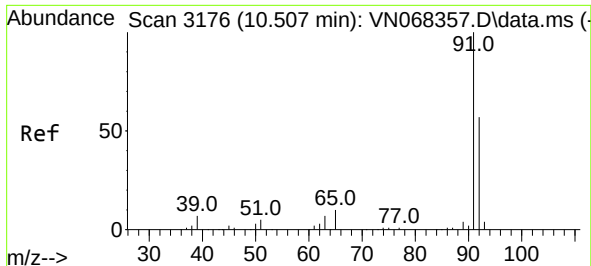
Tgt Ion: 98 Resp: 828002
Ion Ratio Lower Upper
98 100
100 63.6 51.8 77.6



#51
4-Methyl-2-Pentanone
Concen: 2.392 ug/l
RT: 10.336 min Scan# 3112
Delta R.T. 0.003 min
Lab File: VN068359.D
Acq: 30 Aug 2021 15:00

Tgt Ion: 43 Resp: 10842
Ion Ratio Lower Upper
43 100
58 45.6 34.4 51.6

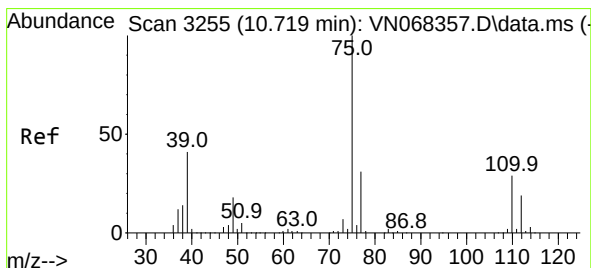
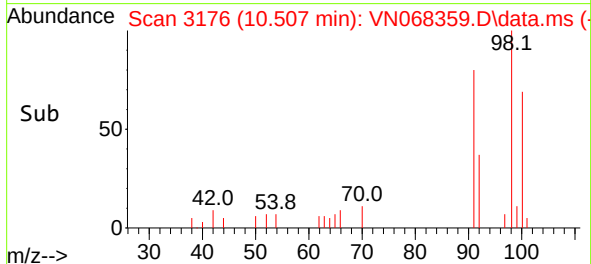
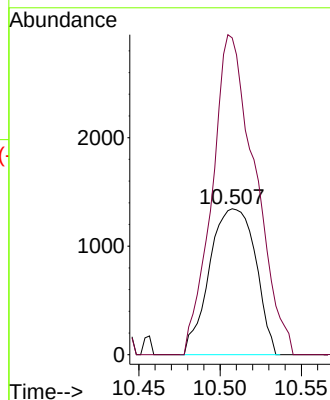
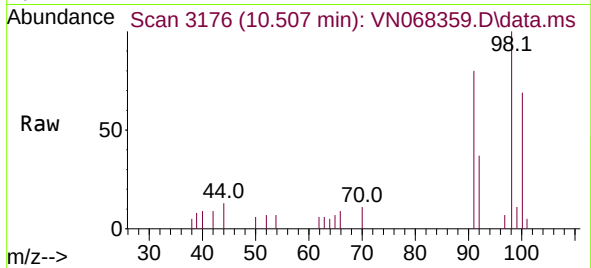




#52
Toluene
Concen: 0.237 ug/l
RT: 10.507 min Scan# 3176
Delta R.T. -0.000 min
Lab File: VN068359.D
Acq: 30 Aug 2021 15:00

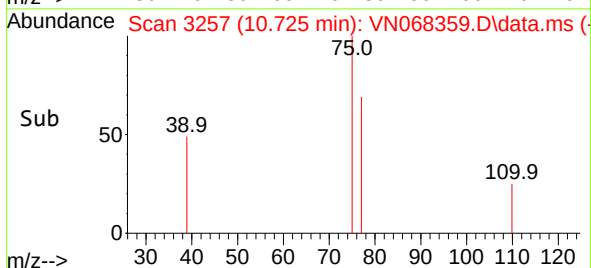
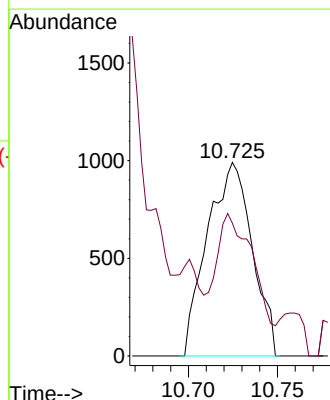
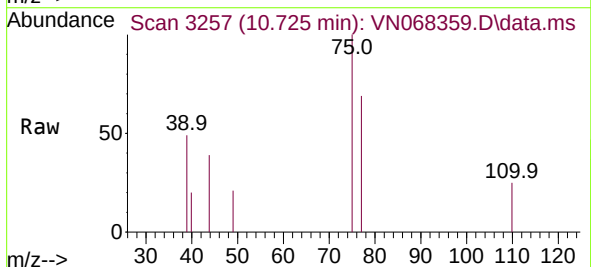
Instrument :
MSVOA_N
ClientSampled :
IBLK

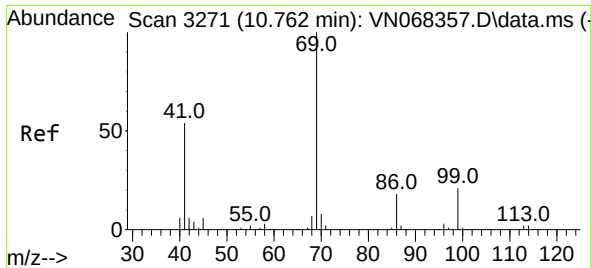
Tgt Ion: 92 Resp: 2655
Ion Ratio Lower Upper
92 100
91 204.4 139.6 209.4



#53
t-1,3-Dichloropropene
Concen: 0.292 ug/l
RT: 10.725 min Scan# 3257
Delta R.T. 0.005 min
Lab File: VN068359.D
Acq: 30 Aug 2021 15:00

Tgt Ion: 75 Resp: 1741
Ion Ratio Lower Upper
75 100
77 49.5 24.9 37.3#

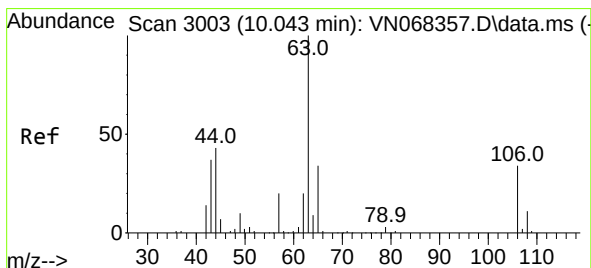
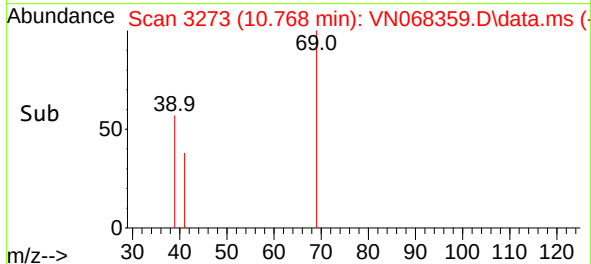
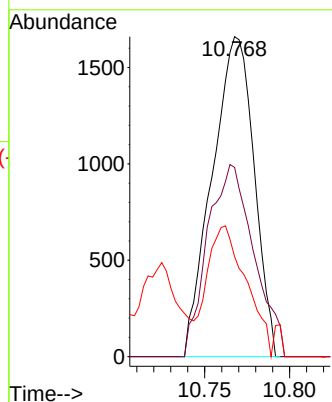
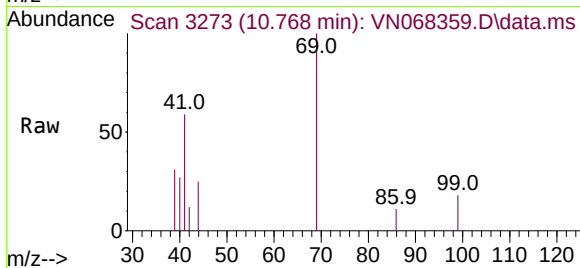




#56
Ethyl methacrylate
Concen: 2.081 ug/l
RT: 10.768 min Scan# 3273
Delta R.T. 0.006 min
Lab File: VN068359.D
Acq: 30 Aug 2021 15:00

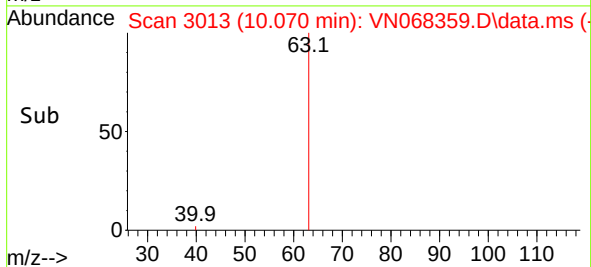
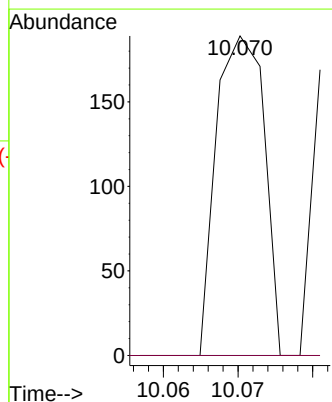
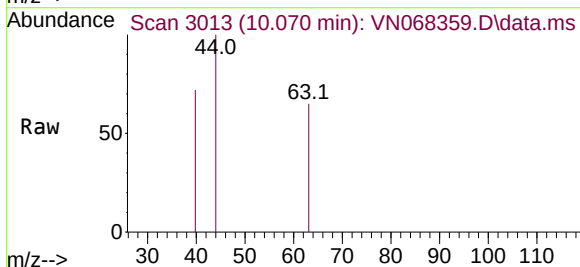
Instrument :
MSVOA_N
ClientSampled :
IBLK

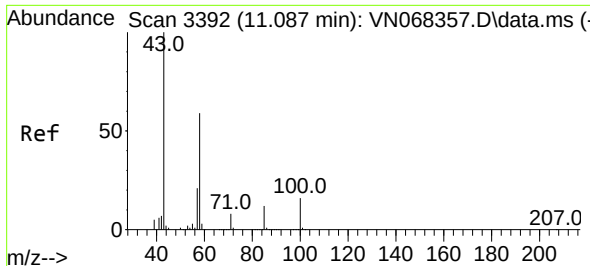
Tgt Ion: 69 Resp: 2859
Ion Ratio Lower Upper
69 100
41 66.0 43.0 64.6#
39 38.1 28.2 42.2



#58
2-Chloroethyl Vinyl ether
Concen: 19.554 ug/l
RT: 10.070 min Scan# 3013
Delta R.T. 0.027 min
Lab File: VN068359.D
Acq: 30 Aug 2021 15:00

Tgt Ion: 63 Resp: 84
Ion Ratio Lower Upper
63 100
106 0.0 27.3 40.9#

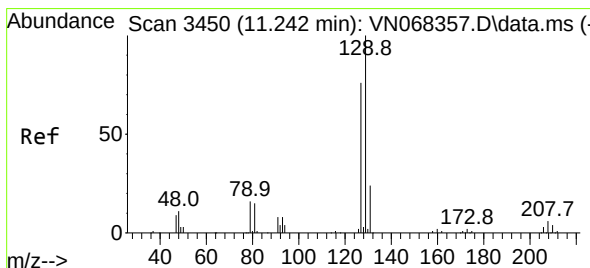
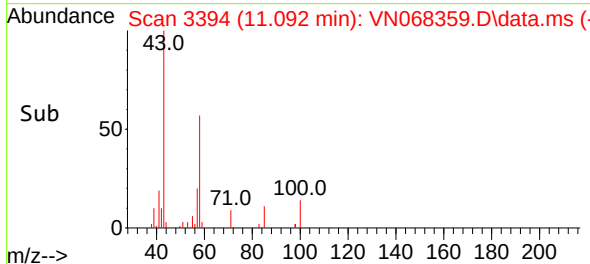
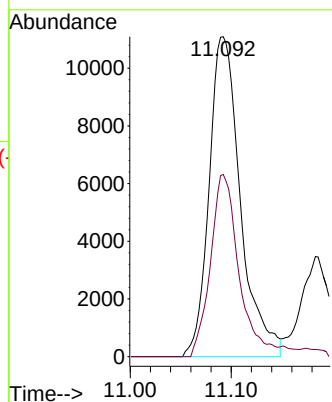
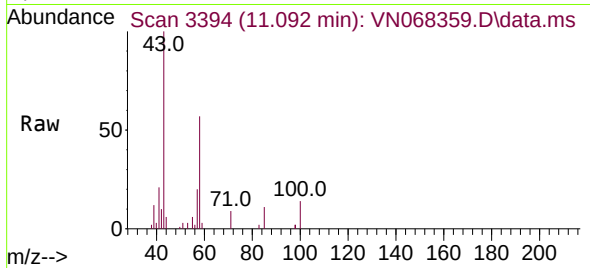




#59
2-Hexanone
Concen: 7.577 ug/l
RT: 11.092 min Scan# 3394
Delta R.T. 0.005 min
Lab File: VN068359.D
Acq: 30 Aug 2021 15:00

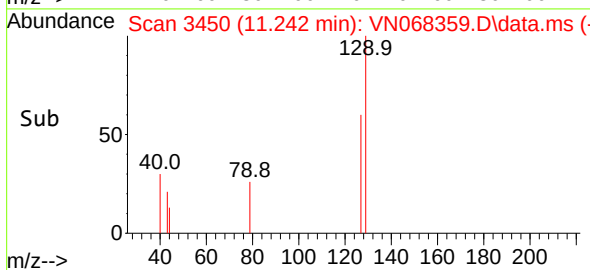
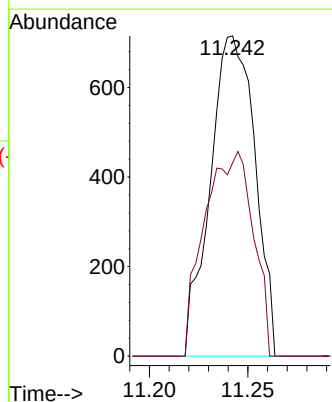
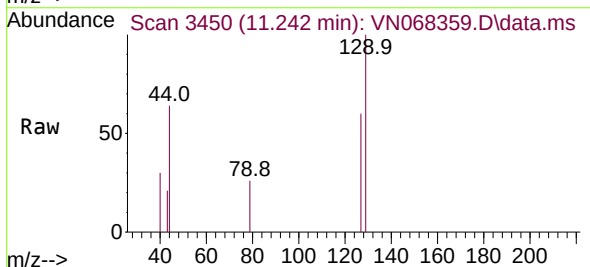
Instrument :
MSVOA_N
ClientSampled :
IBLK

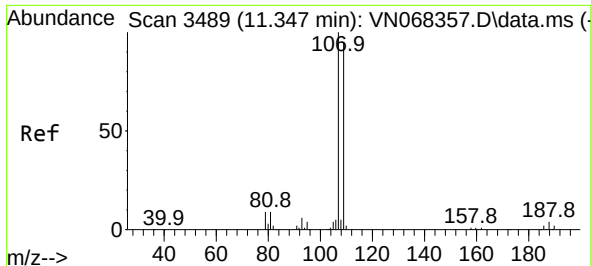
Tgt Ion: 43 Resp: 23904
Ion Ratio Lower Upper
43 100
58 51.4 29.8 89.4



#60
Dibromochloromethane
Concen: 0.218 ug/l
RT: 11.242 min Scan# 3450
Delta R.T. 0.000 min
Lab File: VN068359.D
Acq: 30 Aug 2021 15:00

Tgt Ion: 129 Resp: 1134
Ion Ratio Lower Upper
129 100
127 69.5 38.4 115.2

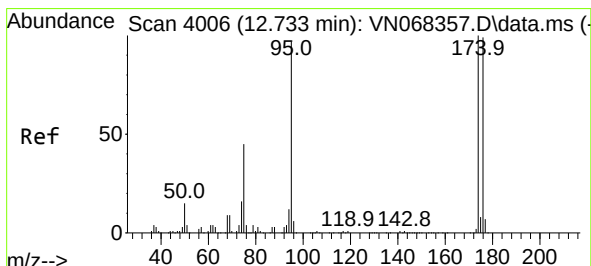
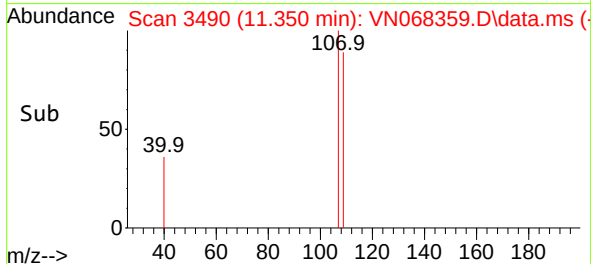
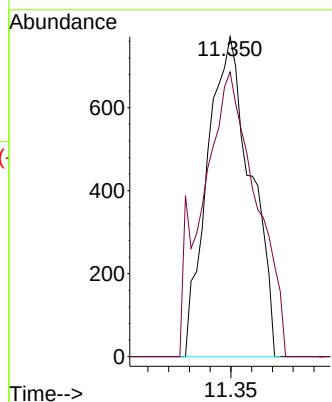
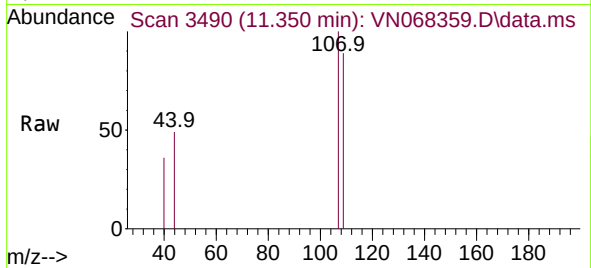




#61
1,2-Dibromoethane
Concen: 0.235 ug/l
RT: 11.350 min Scan# 3490
Delta R.T. 0.003 min
Lab File: VN068359.D
Acq: 30 Aug 2021 15:00

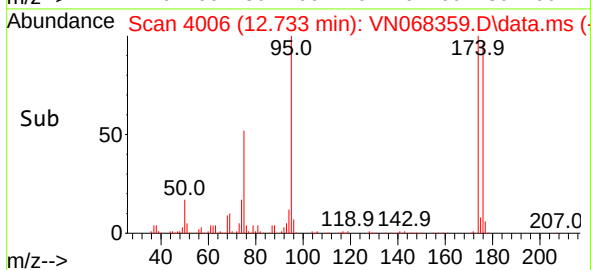
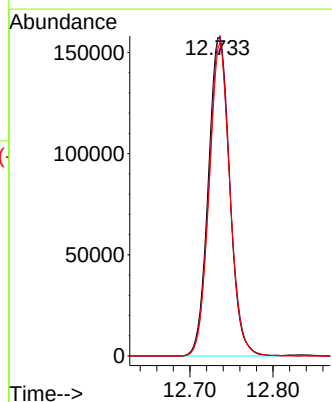
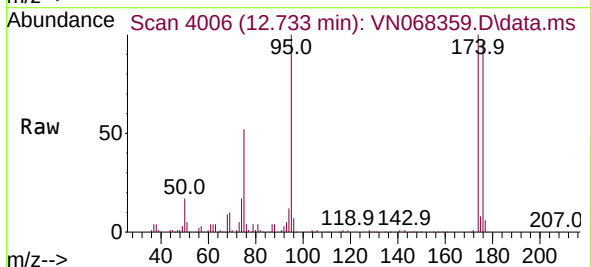
Instrument :
MSVOA_N
ClientSampled :
IBLK

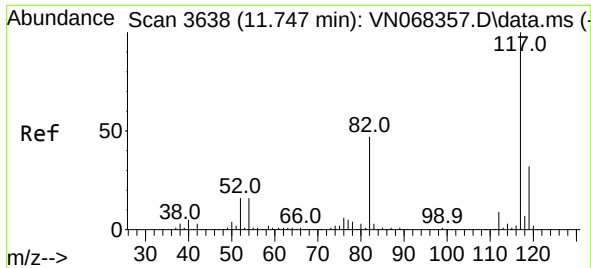
Tgt Ion:107 Resp: 1120
Ion Ratio Lower Upper
107 100
109 108.8 76.2 114.4



#62
4-Bromofluorobenzene
Concen: 53.349 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.000 min
Lab File: VN068359.D
Acq: 30 Aug 2021 15:00

Tgt Ion: 95 Resp: 281145
Ion Ratio Lower Upper
95 100
174 98.4 0.0 211.4
176 94.9 0.0 205.4

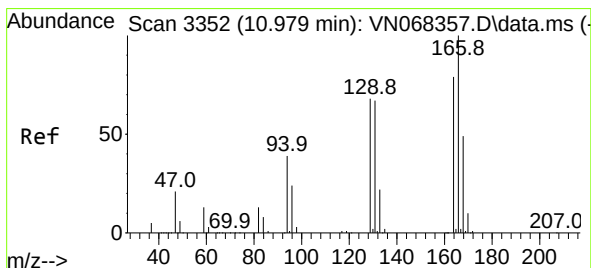
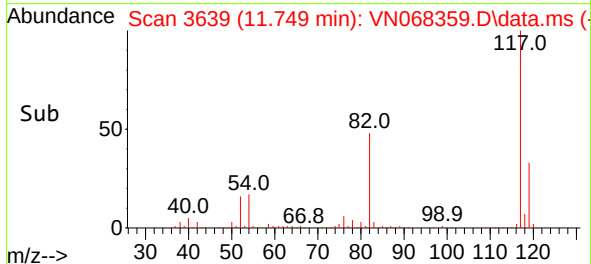
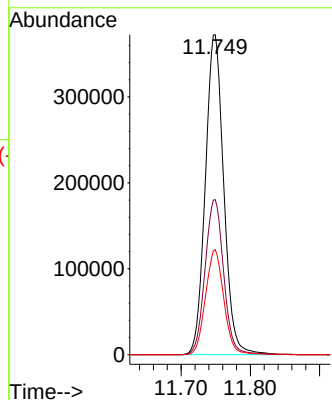
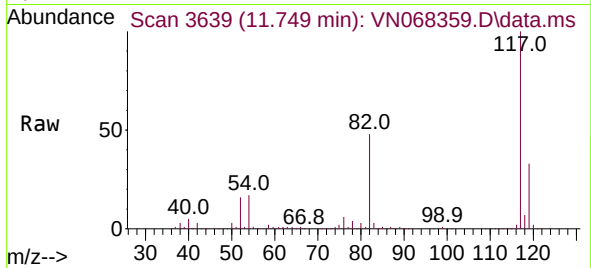




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.749 min Scan# 3639
Delta R.T. 0.003 min
Lab File: VN068359.D
Acq: 30 Aug 2021 15:00

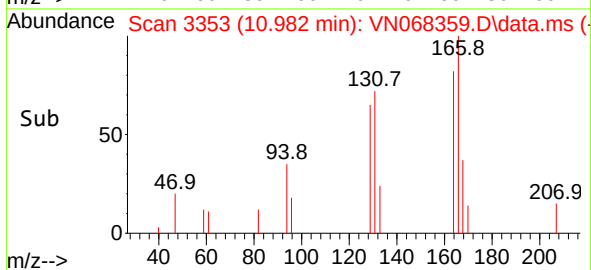
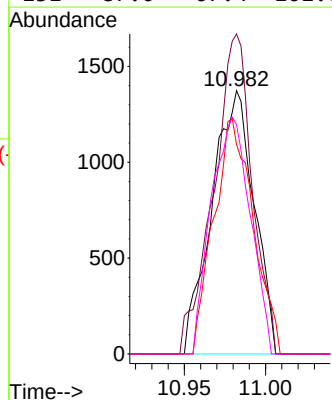
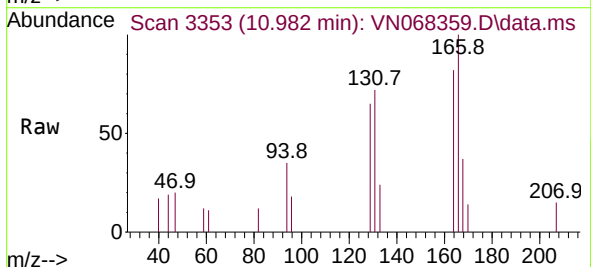
Instrument :
MSVOA_N
ClientSampleId :
IBLK

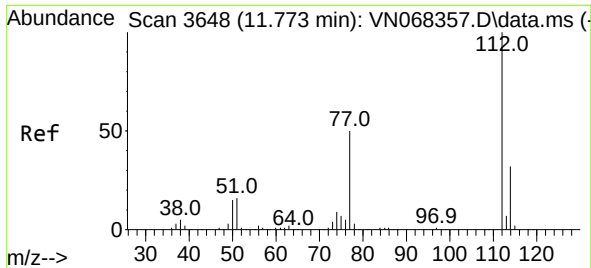
Tgt Ion:117 Resp: 689140
Ion Ratio Lower Upper
117 100
82 48.4 37.8 56.6
119 32.9 26.0 39.0



#64
Tetrachloroethene
Concen: 0.462 ug/l
RT: 10.982 min Scan# 3353
Delta R.T. 0.003 min
Lab File: VN068359.D
Acq: 30 Aug 2021 15:00

Tgt Ion:164 Resp: 2488
Ion Ratio Lower Upper
164 100
166 121.5 101.0 151.4
129 79.5 68.9 103.3
131 87.0 67.4 101.0

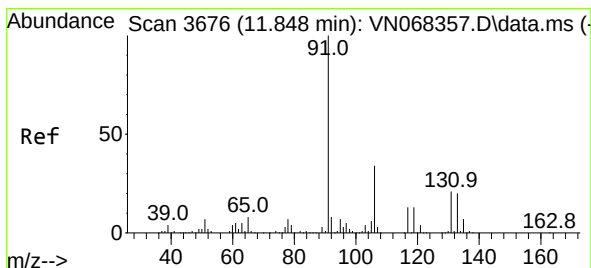
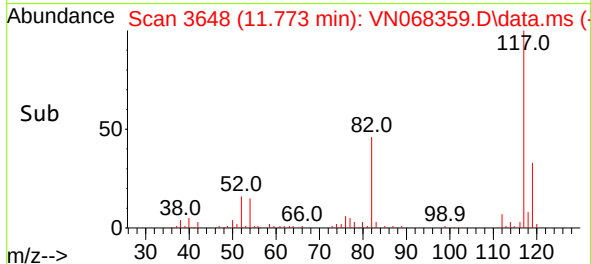
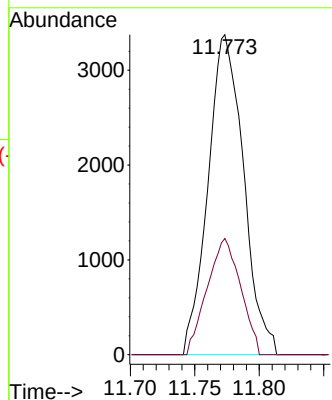
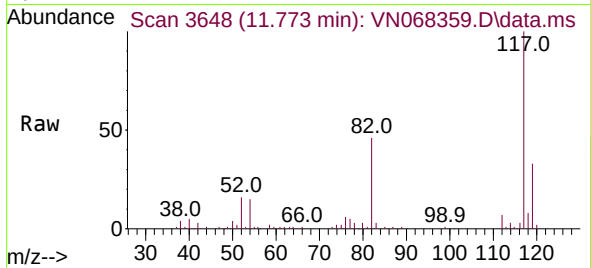




#65
Chlorobenzene
Concen: 0.467 ug/l
RT: 11.773 min Scan# 3648
Delta R.T. -0.000 min
Lab File: VN068359.D
Acq: 30 Aug 2021 15:00

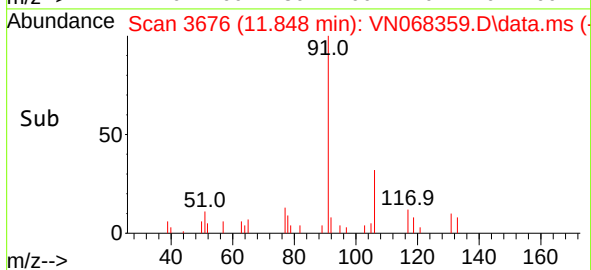
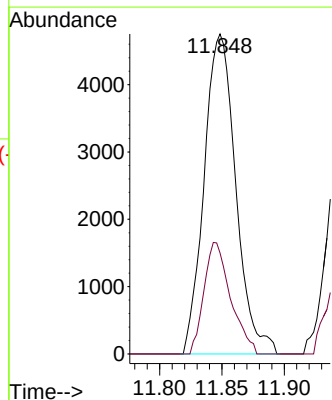
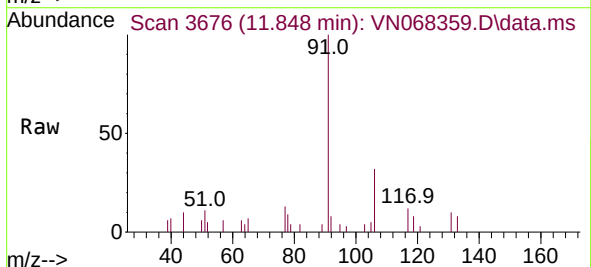
Instrument :
MSVOA_N
ClientSampleId :
IBLK

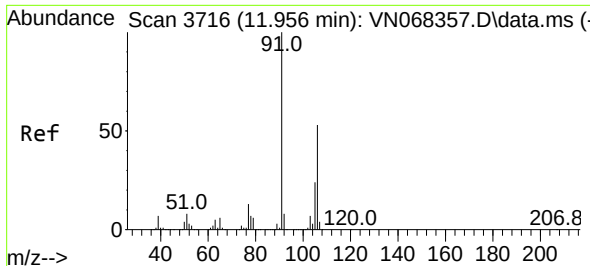
Tgt Ion:112 Resp: 6462
Ion Ratio Lower Upper
112 100
114 36.3 26.0 39.0



#67
Ethyl Benzene
Concen: 0.371 ug/l
RT: 11.848 min Scan# 3676
Delta R.T. -0.000 min
Lab File: VN068359.D
Acq: 30 Aug 2021 15:00

Tgt Ion: 91 Resp: 8399
Ion Ratio Lower Upper
91 100
106 31.5 27.4 41.0

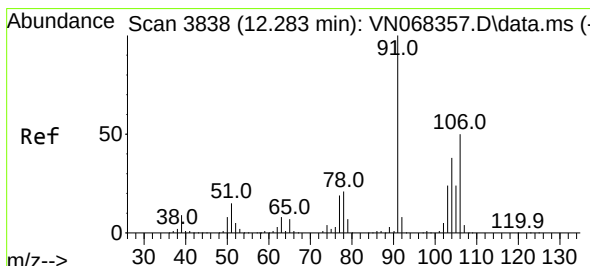
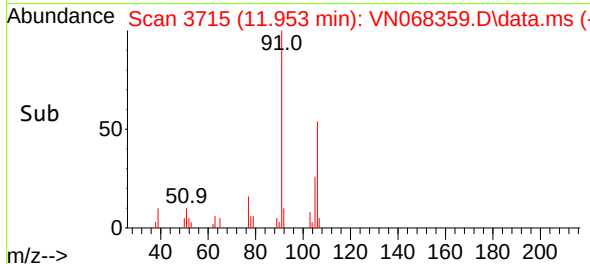
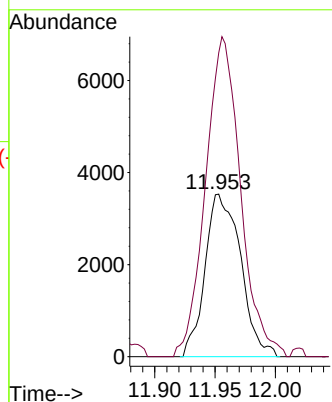
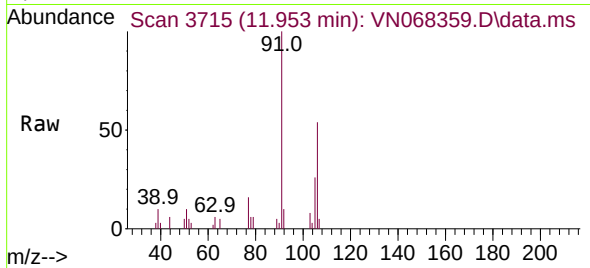




#68
m/p-Xylenes
Concen: 0.795 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. -0.003 min
Lab File: VN068359.D
Acq: 30 Aug 2021 15:00

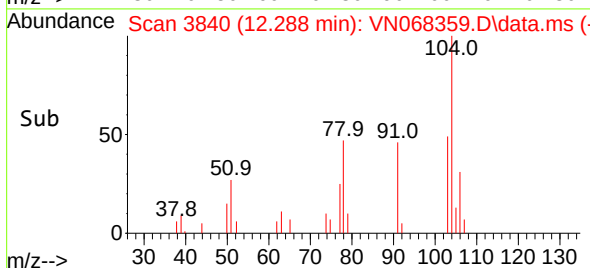
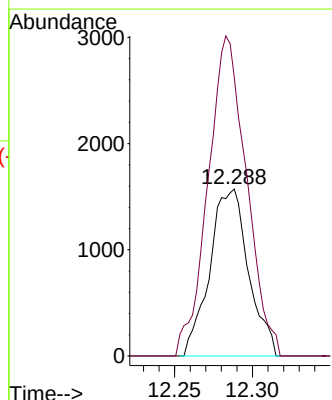
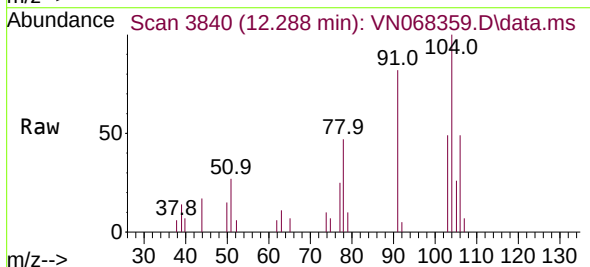
Instrument :
MSVOA_N
ClientSampled :
IBLK

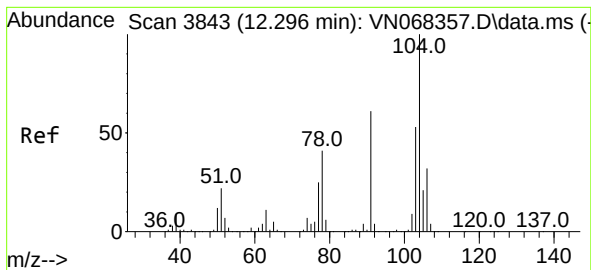
Tgt Ion:106 Resp: 7245
Ion Ratio Lower Upper
106 100
91 194.0 151.4 227.2



#69
o-Xylene
Concen: 0.310 ug/l
RT: 12.288 min Scan# 3840
Delta R.T. 0.005 min
Lab File: VN068359.D
Acq: 30 Aug 2021 15:00

Tgt Ion:106 Resp: 2718
Ion Ratio Lower Upper
106 100
91 190.5 99.4 298.2





#70

Styrene

Concen: 0.557 ug/l

RT: 12.299 min Scan# 3844

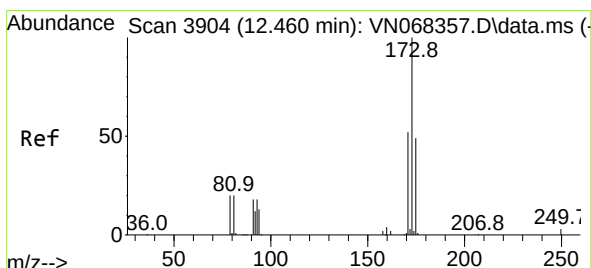
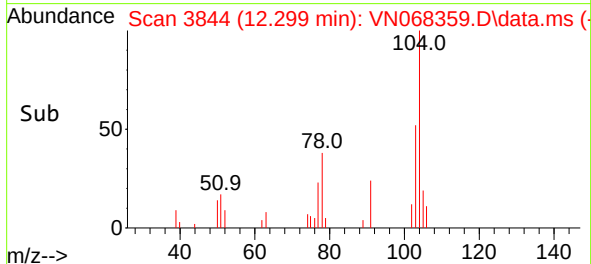
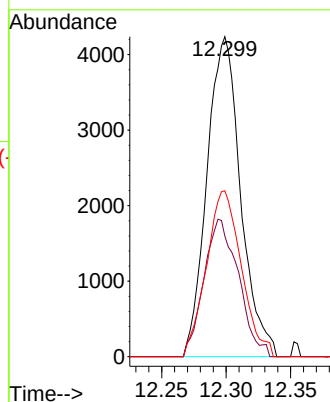
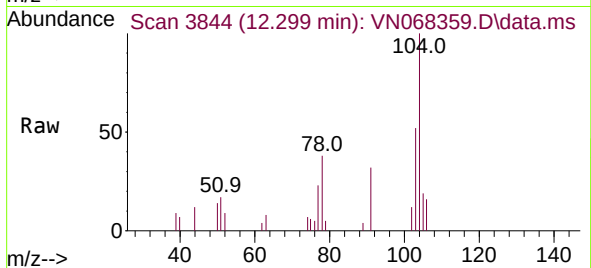
Delta R.T. 0.003 min

Lab File: VN068359.D

Acq: 30 Aug 2021 15:00

Tgt Ion:	104	Resp:	7696
Ion Ratio	Lower	Upper	
104	100		
78	44.0	35.9	53.9
103	53.8	44.8	67.2

Instrument :
MSVOA_N
ClientSampled :
IBLK



#71

Bromoform

Concen: 2.263 ug/l

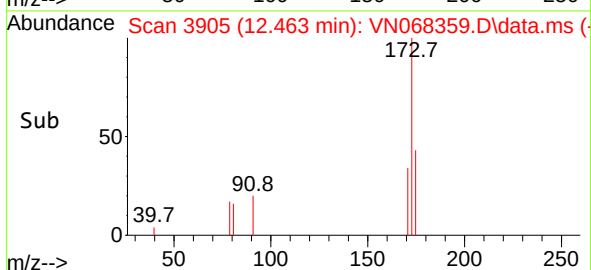
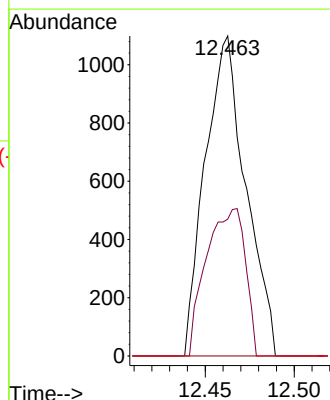
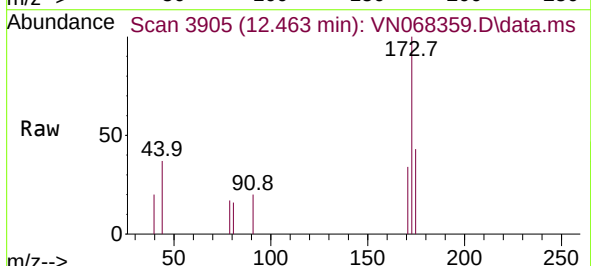
RT: 12.463 min Scan# 3905

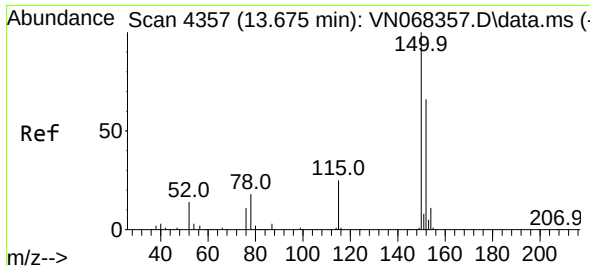
Delta R.T. 0.003 min

Lab File: VN068359.D

Acq: 30 Aug 2021 15:00

Tgt Ion:	173	Resp:	1741
Ion Ratio	Lower	Upper	
173	100		
175	44.2	24.0	72.0
254	0.0	0.0	0.0

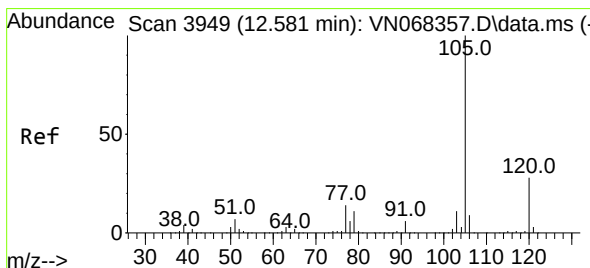
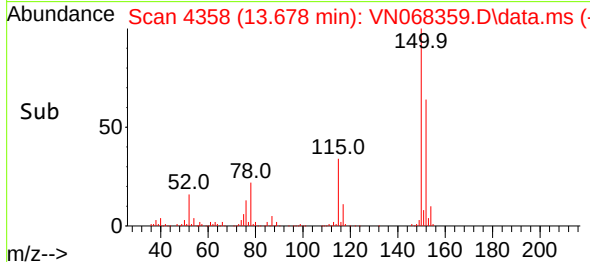
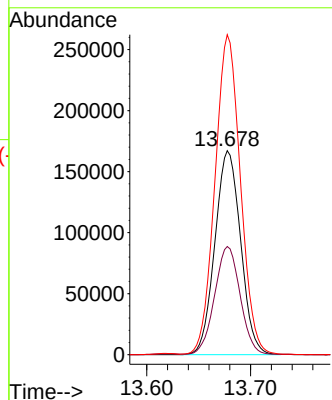
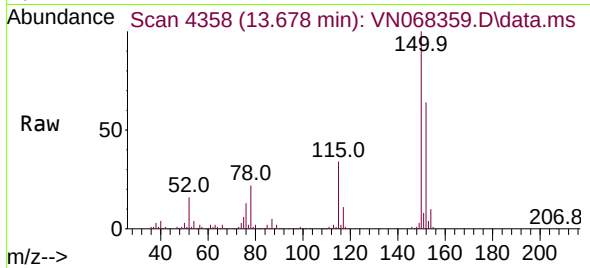




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN068359.D
Acq: 30 Aug 2021 15:00

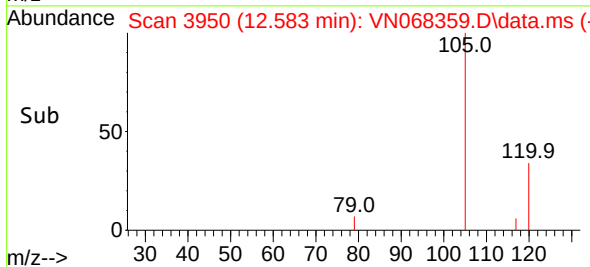
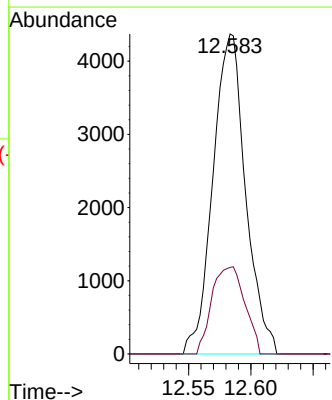
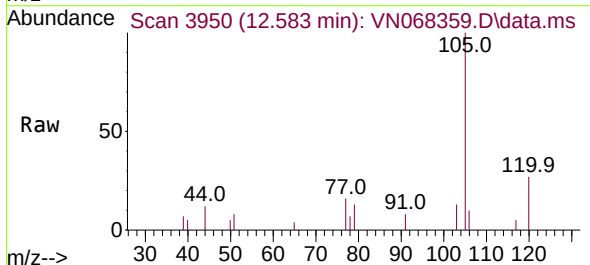
Instrument :
MSVOA_N
ClientSampled :
IBLK

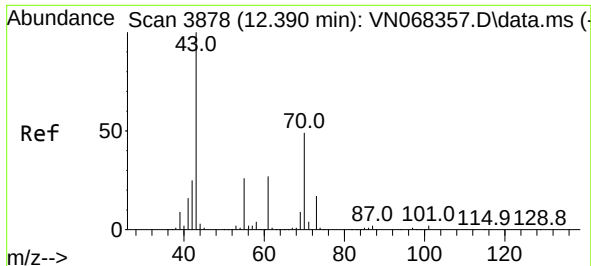
Tgt Ion:152 Resp: 287555
Ion Ratio Lower Upper
152 100
115 52.2 26.1 78.3
150 155.6 0.0 348.4



#73
Isopropylbenzene
Concen: 0.386 ug/l
RT: 12.583 min Scan# 3950
Delta R.T. 0.003 min
Lab File: VN068359.D
Acq: 30 Aug 2021 15:00

Tgt Ion:105 Resp: 7967
Ion Ratio Lower Upper
105 100
120 27.4 14.1 42.2

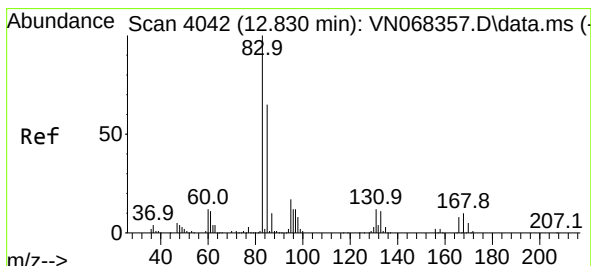
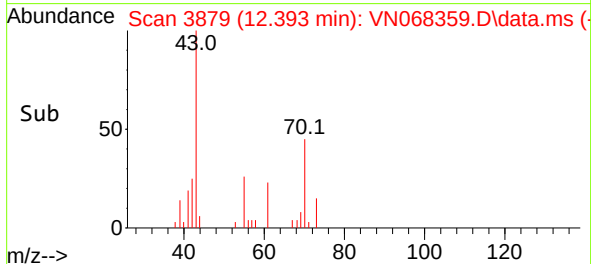
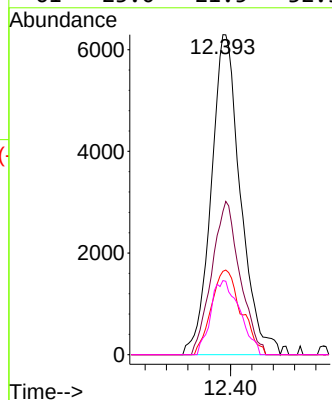
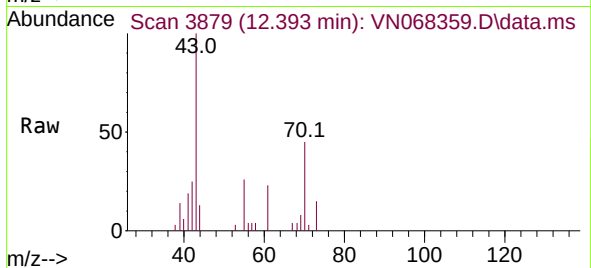




#74
N-amy1 acetate
Concen: 2.315 ug/l
RT: 12.393 min Scan# 3879
Delta R.T. 0.003 min
Lab File: VN068359.D
Acq: 30 Aug 2021 15:00

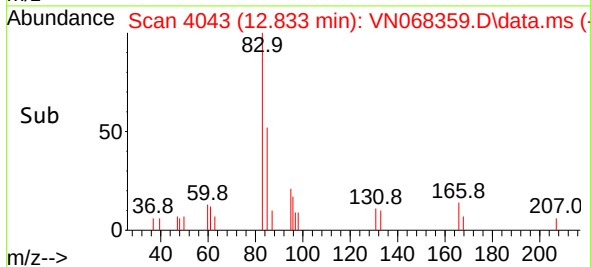
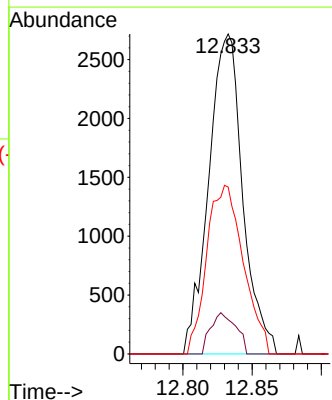
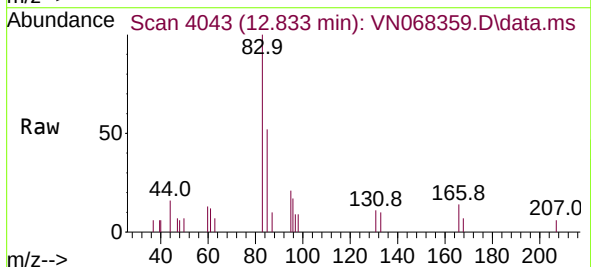
Instrument :
MSVOA_N
ClientSampled :
IBLK

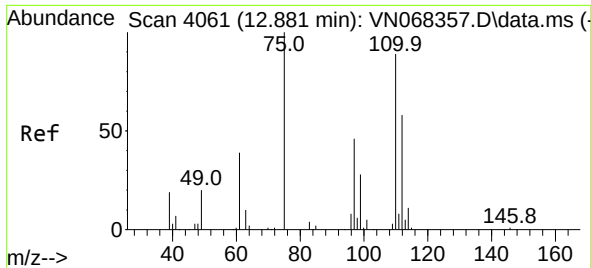
Tgt Ion:	43	Resp:	11943
Ion	Ratio	Lower	Upper
43	100		
70	46.2	39.2	58.8
55	27.1	21.0	31.4
61	23.0	21.5	32.3



#75
1,1,2,2-Tetrachloroethane
Concen: 0.752 ug/l
RT: 12.833 min Scan# 4043
Delta R.T. 0.003 min
Lab File: VN068359.D
Acq: 30 Aug 2021 15:00

Tgt Ion:	83	Resp:	4644
Ion	Ratio	Lower	Upper
83	100		
131	9.6	6.1	18.3
85	56.6	32.6	97.7

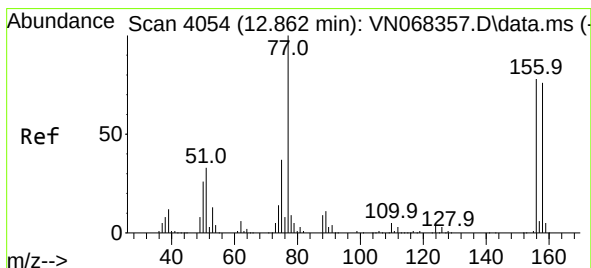
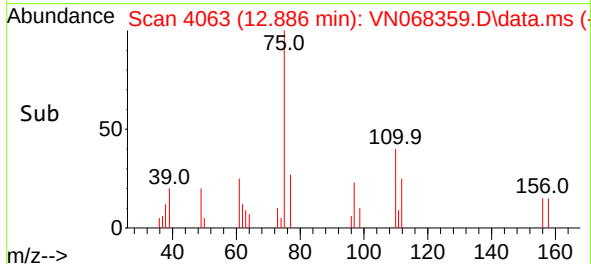
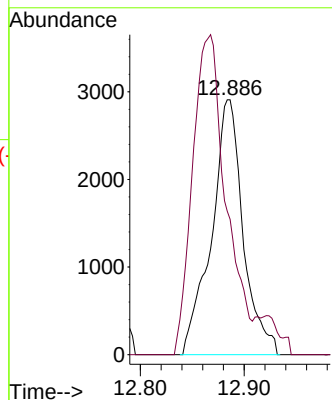
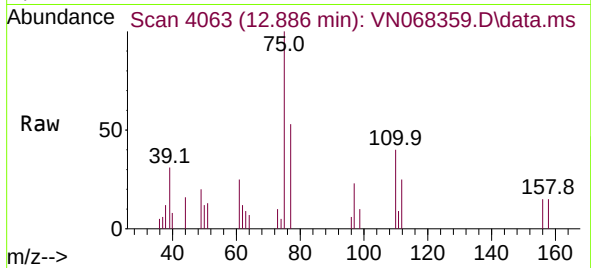




#76
1,2,3-Trichloropropane
Concen: 1.261 ug/l
RT: 12.886 min Scan# 4063
Delta R.T. 0.005 min
Lab File: VN068359.D
Acq: 30 Aug 2021 15:00

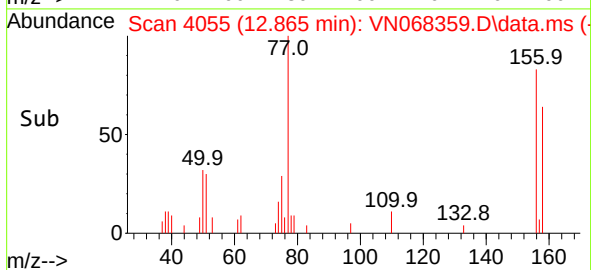
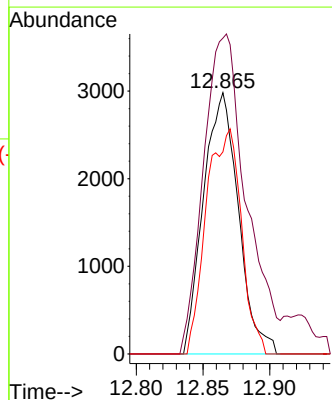
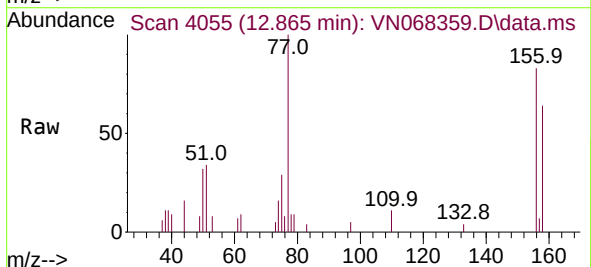
Instrument :
MSVOA_N
ClientSampled :
IBLK

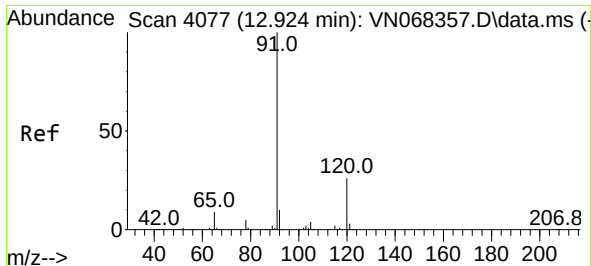
Tgt Ion: 75 Resp: 6164
Ion Ratio Lower Upper
75 100
77 132.2 108.3 324.9



#77
Bromobenzene
Concen: 0.931 ug/l
RT: 12.865 min Scan# 4055
Delta R.T. 0.003 min
Lab File: VN068359.D
Acq: 30 Aug 2021 15:00

Tgt Ion: 156 Resp: 5435
Ion Ratio Lower Upper
156 100
77 149.9 75.0 225.2
158 86.1 48.9 146.7

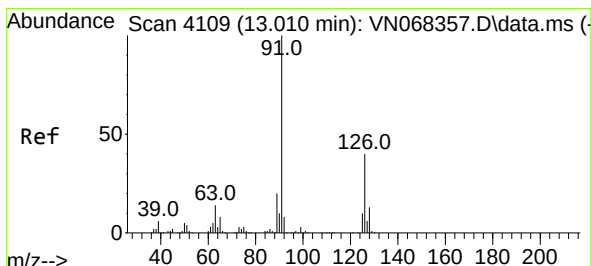
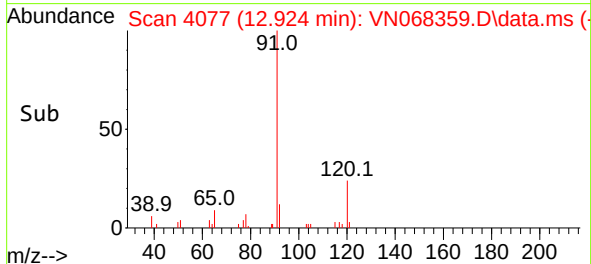
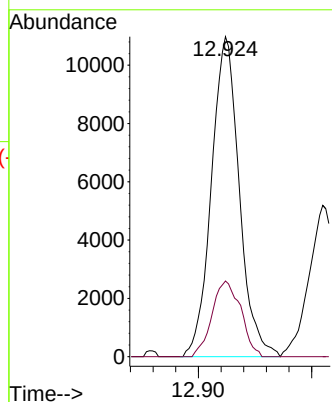
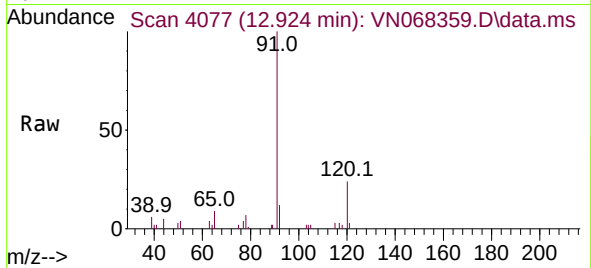




#78
n-propylbenzene
Concen: 0.858 ug/l
RT: 12.924 min Scan# 4077
Delta R.T. -0.000 min
Lab File: VN068359.D
Acq: 30 Aug 2021 15:00

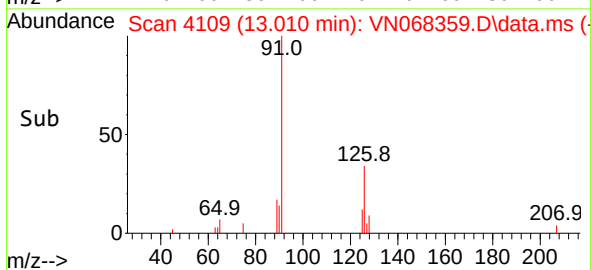
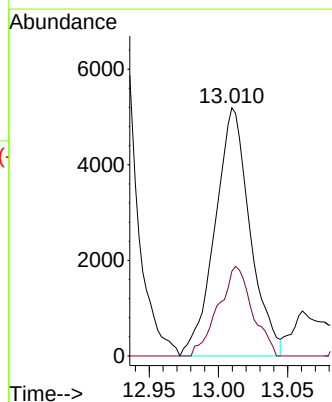
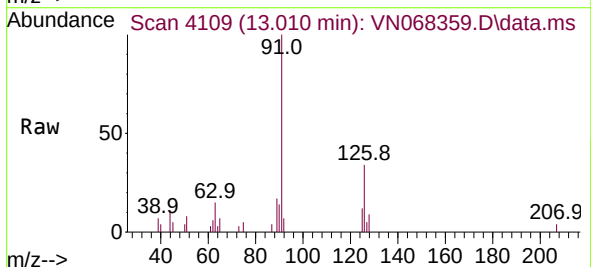
Instrument :
MSVOA_N
ClientSampled :
IBLK

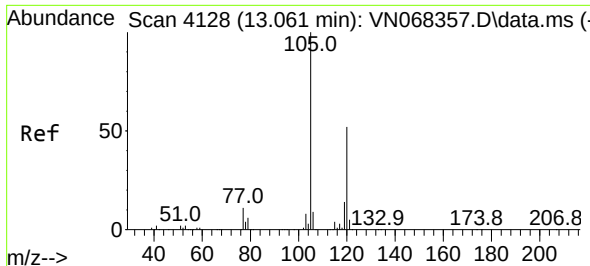
Tgt Ion: 91 Resp: 18750
Ion Ratio Lower Upper
91 100
120 24.5 13.1 39.3



#79
2-Chlorotoluene
Concen: 0.675 ug/l
RT: 13.010 min Scan# 4109
Delta R.T. -0.000 min
Lab File: VN068359.D
Acq: 30 Aug 2021 15:00

Tgt Ion: 91 Resp: 9135
Ion Ratio Lower Upper
91 100
126 35.1 20.1 60.2

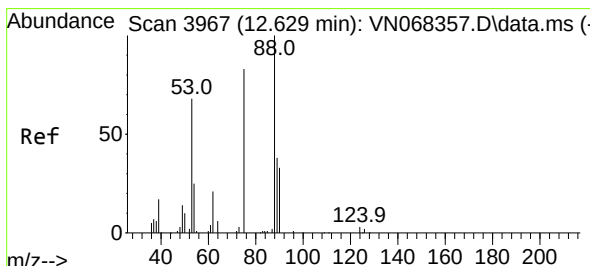
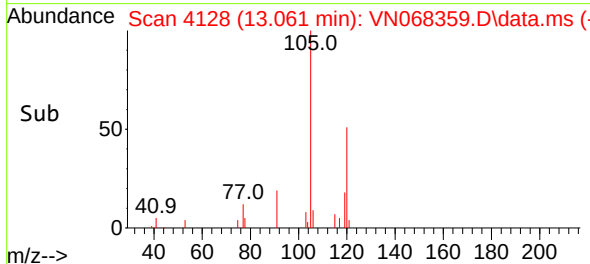
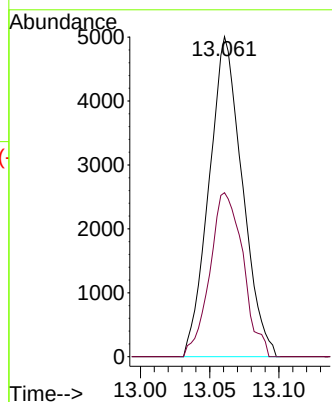
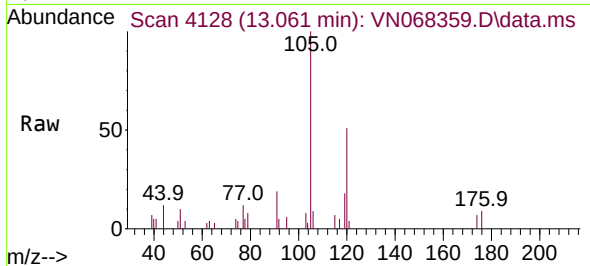




#80
1,3,5-Trimethylbenzene
Concen: 0.498 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. -0.000 min
Lab File: VN068359.D
Acq: 30 Aug 2021 15:00

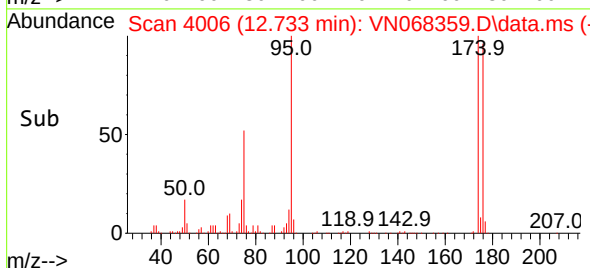
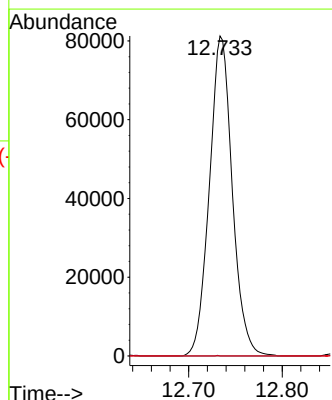
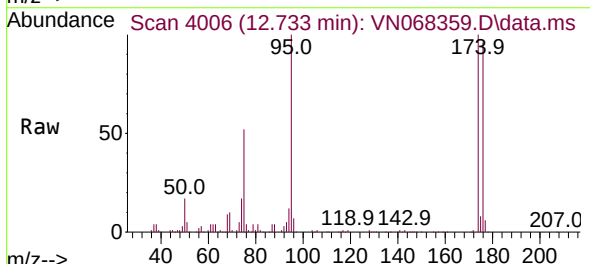
Instrument :
MSVOA_N
ClientSampled :
IBLK

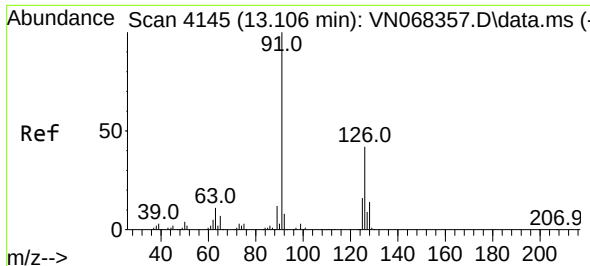
Tgt Ion:105 Resp: 8356
Ion Ratio Lower Upper
105 100
120 51.2 25.9 77.6



#81
trans-1,4-Dichloro-2-butene
Concen: 93.429 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.105 min
Lab File: VN068359.D
Acq: 30 Aug 2021 15:00

Tgt Ion: 75 Resp: 138194
Ion Ratio Lower Upper
75 100
53 0.0 69.4 104.2#
89 0.0 39.8 59.6#

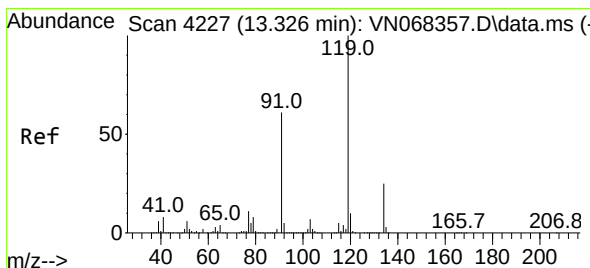
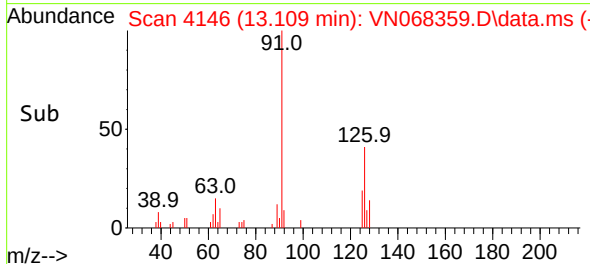
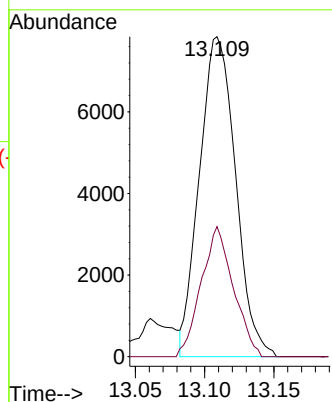
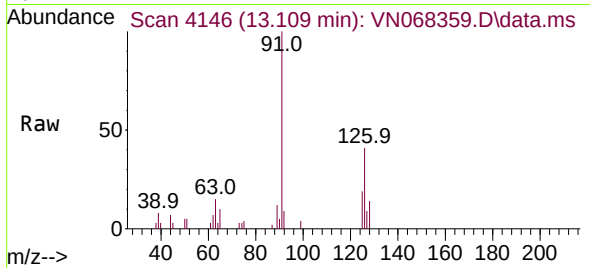




#82
4-Chlorotoluene
Concen: 1.091 ug/l
RT: 13.109 min Scan# 4146
Delta R.T. 0.003 min
Lab File: VN068359.D
Acq: 30 Aug 2021 15:00

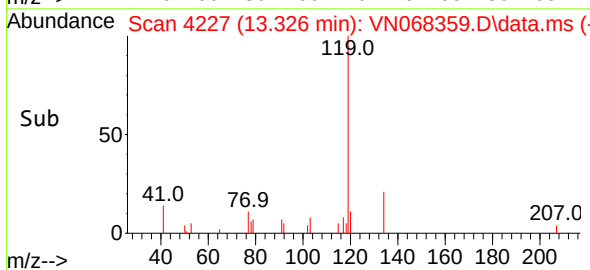
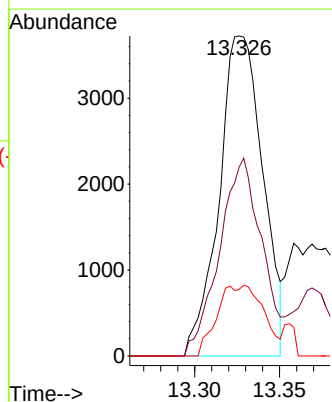
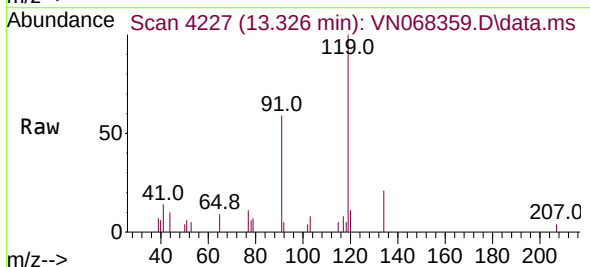
Instrument :
MSVOA_N
ClientSampled :
IBLK

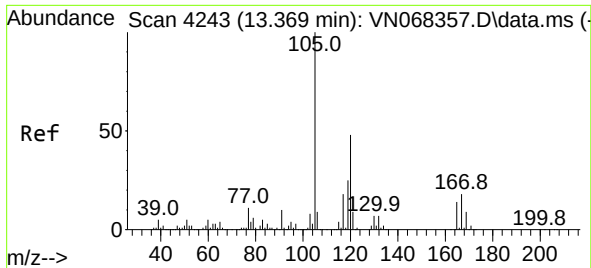
Tgt Ion: 91 Resp: 14242
Ion Ratio Lower Upper
91 100
126 36.2 19.7 59.1



#83
tert-Butylbenzene
Concen: 0.435 ug/l
RT: 13.326 min Scan# 4227
Delta R.T. -0.000 min
Lab File: VN068359.D
Acq: 30 Aug 2021 15:00

Tgt Ion: 119 Resp: 6680
Ion Ratio Lower Upper
119 100
91 60.6 29.6 88.8
134 10.0 13.8 41.4#

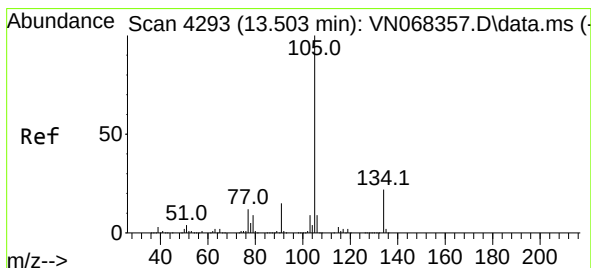
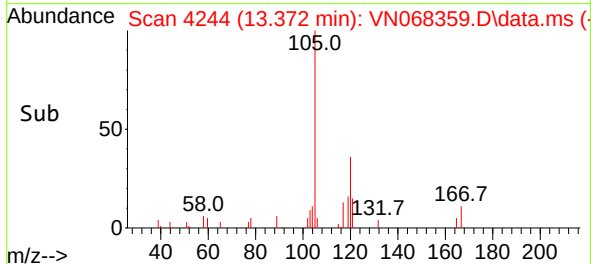
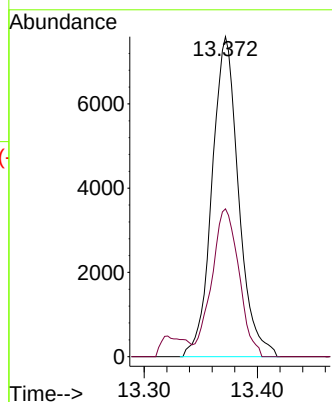
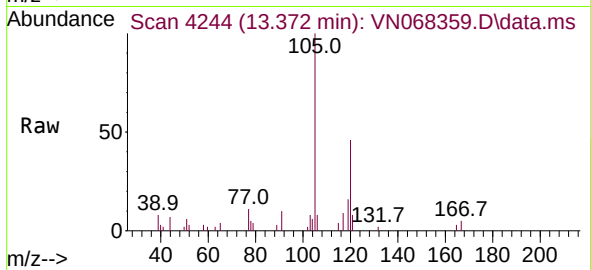




#84
1,2,4-Trimethylbenzene
Concen: 0.756 ug/l
RT: 13.372 min Scan# 4244
Delta R.T. 0.003 min
Lab File: VN068359.D
Acq: 30 Aug 2021 15:00

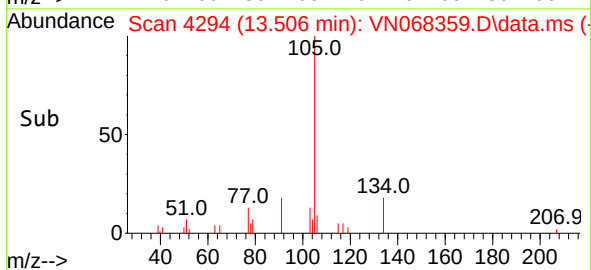
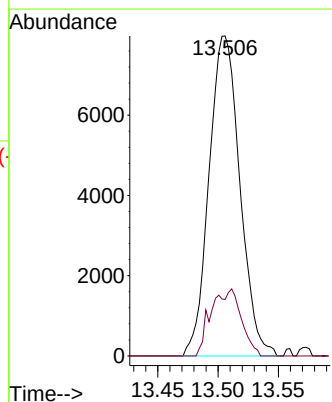
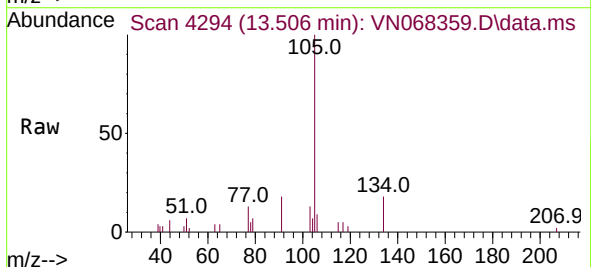
Instrument :
MSVOA_N
ClientSampled :
IBLK

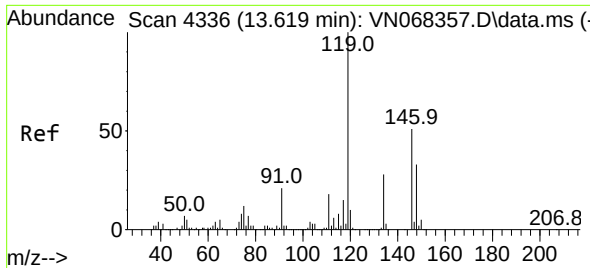
Tgt Ion:105 Resp: 12396
Ion Ratio Lower Upper
105 100
120 47.4 23.9 71.8



#85
sec-Butylbenzene
Concen: 0.704 ug/l
RT: 13.506 min Scan# 4294
Delta R.T. 0.003 min
Lab File: VN068359.D
Acq: 30 Aug 2021 15:00

Tgt Ion:105 Resp: 14215
Ion Ratio Lower Upper
105 100
134 10.7 11.1 33.1#

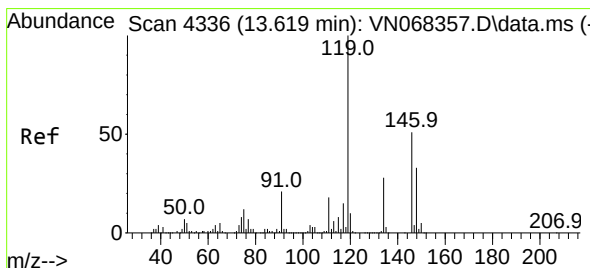
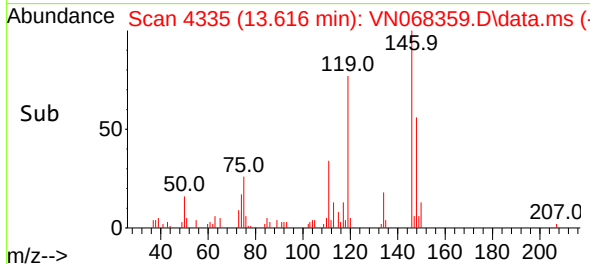
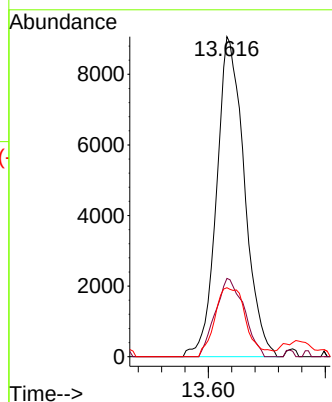
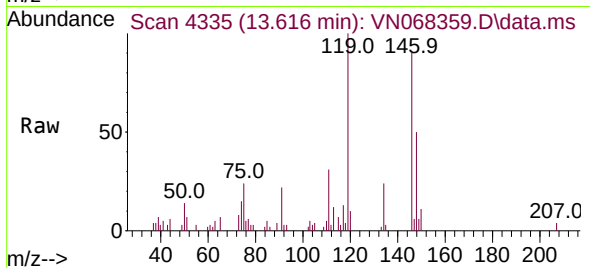




#86
p-Isopropyltoluene
Concen: 0.894 ug/l
RT: 13.616 min Scan# 4335
Delta R.T. -0.003 min
Lab File: VN068359.D
Acq: 30 Aug 2021 15:00

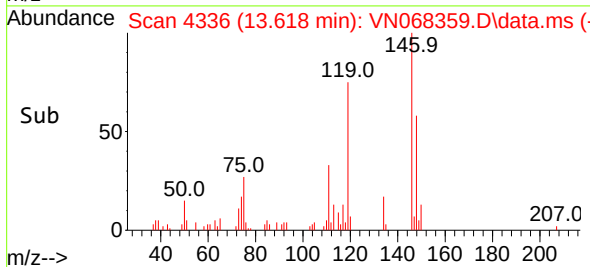
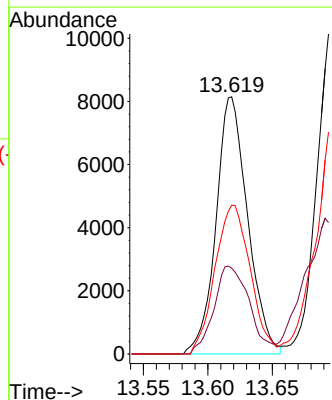
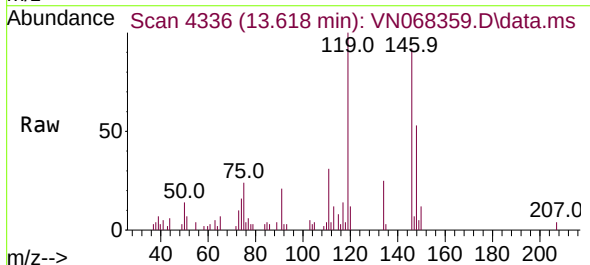
Instrument :
MSVOA_N
ClientSampled :
IBLK

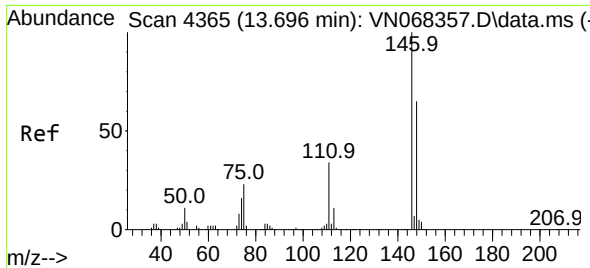
Tgt Ion:	119	Resp:	14937
Ion Ratio	Lower	Upper	
119	100		
134	25.3	13.9	41.6
91	24.4	10.9	32.6



#87
1,3-Dichlorobenzene
Concen: 1.396 ug/l
RT: 13.618 min Scan# 4336
Delta R.T. -0.000 min
Lab File: VN068359.D
Acq: 30 Aug 2021 15:00

Tgt Ion:	146	Resp:	13890
Ion Ratio	Lower	Upper	
146	100		
111	38.2	17.6	52.8
148	64.5	32.0	96.2

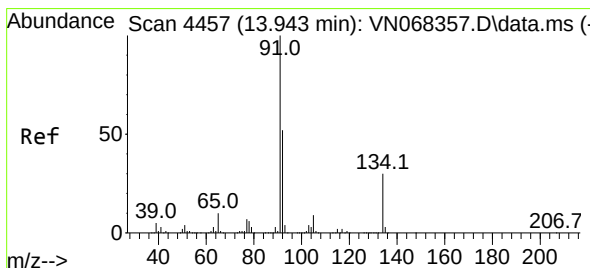
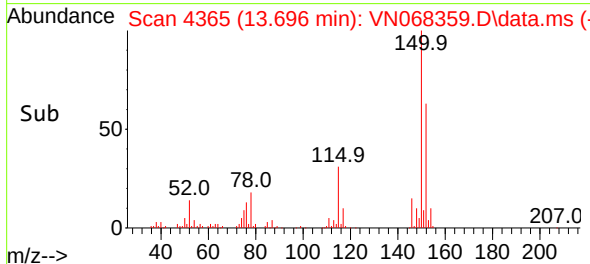
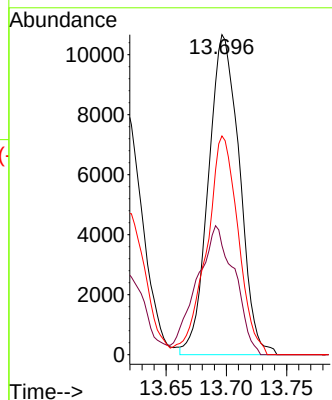
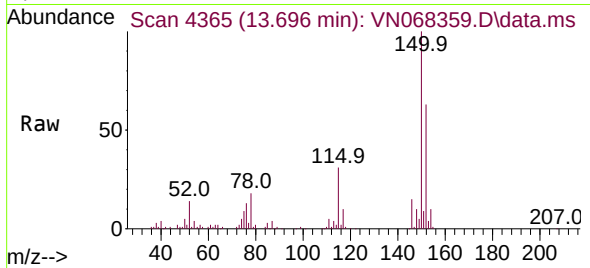




#88
1,4-Dichlorobenzene
Concen: 1.930 ug/l
RT: 13.696 min Scan# 4365
Delta R.T. -0.000 min
Lab File: VN068359.D
Acq: 30 Aug 2021 15:00

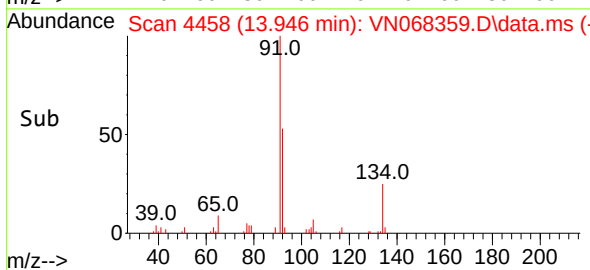
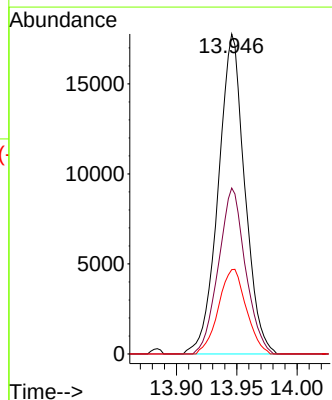
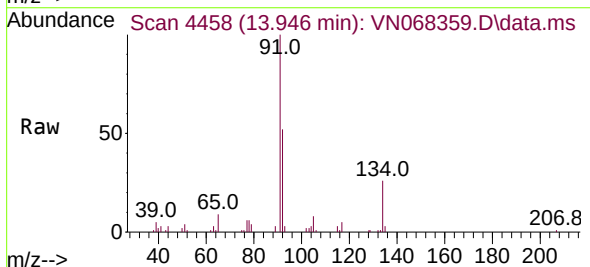
Instrument :
MSVOA_N
ClientSampleId :
IBLK

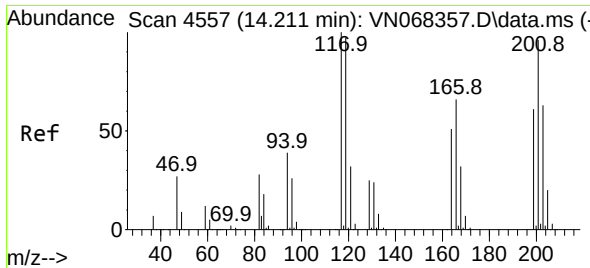
Tgt Ion:	146	Resp:	19112
Ion	Ratio	Lower	Upper
146	100		
111	49.5	17.2	51.5
148	69.7	32.4	97.2



#89
n-Butylbenzene
Concen: 2.154 ug/l
RT: 13.946 min Scan# 4458
Delta R.T. 0.003 min
Lab File: VN068359.D
Acq: 30 Aug 2021 15:00

Tgt Ion:	91	Resp:	27122
Ion	Ratio	Lower	Upper
91	100		
92	52.7	25.8	77.3
134	27.8	15.2	45.5

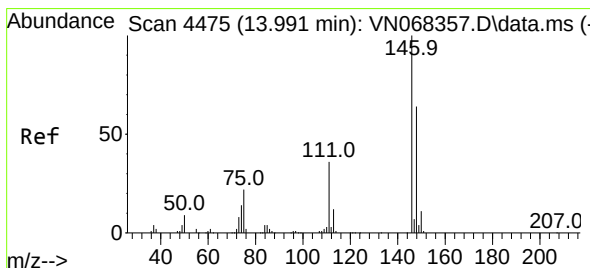
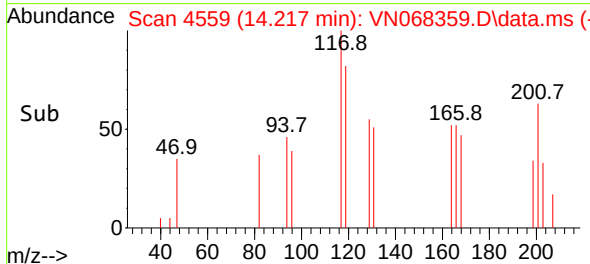
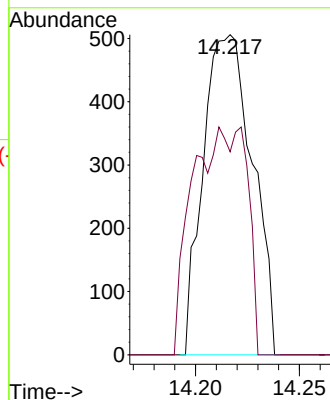
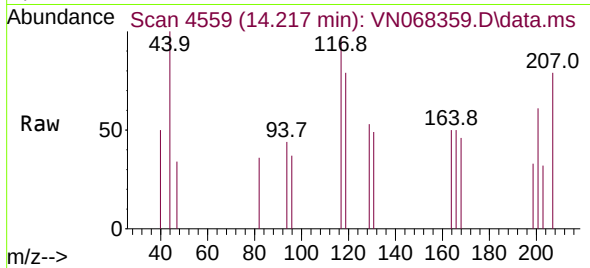




#90
Hexachloroethane
Concen: 0.259 ug/l
RT: 14.217 min Scan# 4559
Delta R.T. 0.005 min
Lab File: VN068359.D
Acq: 30 Aug 2021 15:00

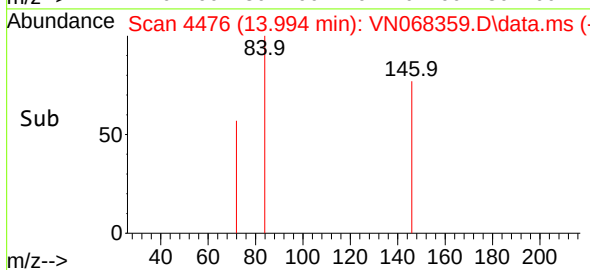
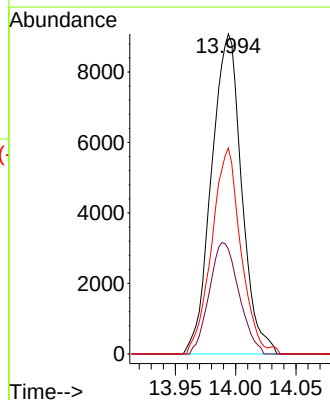
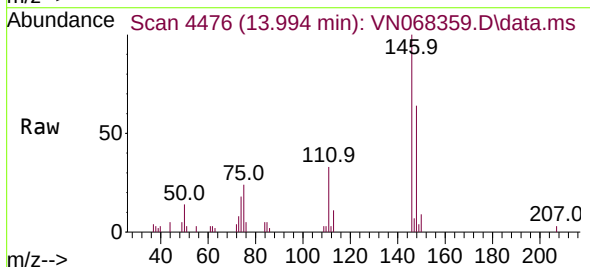
Instrument :
MSVOA_N
ClientSampled :
IBLK

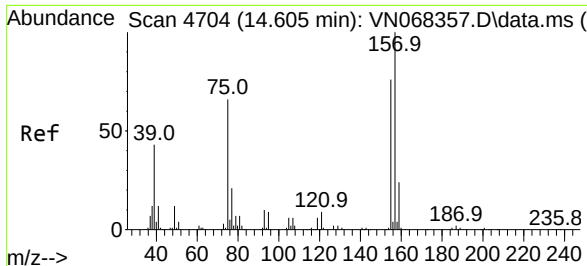
Tgt Ion:117 Resp: 835
Ion Ratio Lower Upper
117 100
201 55.8 48.7 146.1



#91
1,2-Dichlorobenzene
Concen: 1.669 ug/l
RT: 13.994 min Scan# 4476
Delta R.T. 0.003 min
Lab File: VN068359.D
Acq: 30 Aug 2021 15:00

Tgt Ion:146 Resp: 15764
Ion Ratio Lower Upper
146 100
111 34.2 18.2 54.6
148 61.7 32.3 96.8

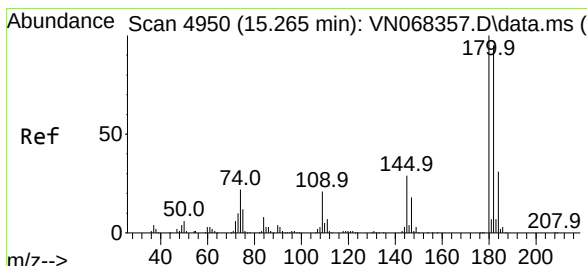
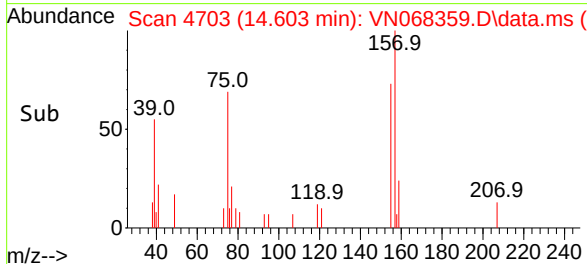
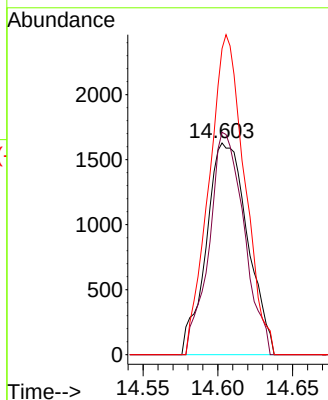
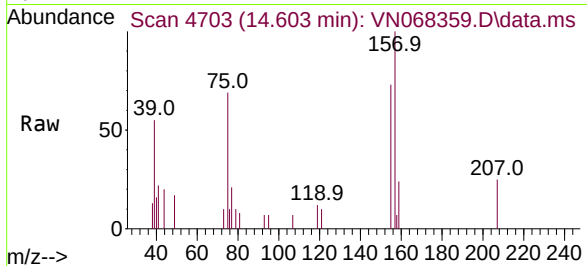




#92
1,2-Dibromo-3-Chloropropane
Concen: 3.248 ug/l
RT: 14.603 min Scan# 4703
Delta R.T. -0.002 min
Lab File: VN068359.D
Acq: 30 Aug 2021 15:00

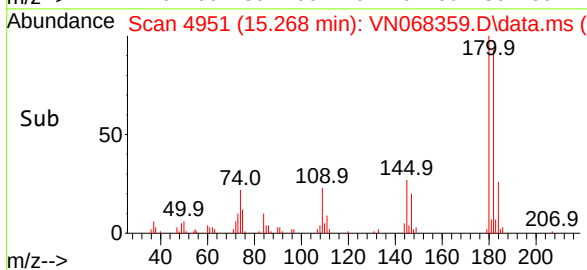
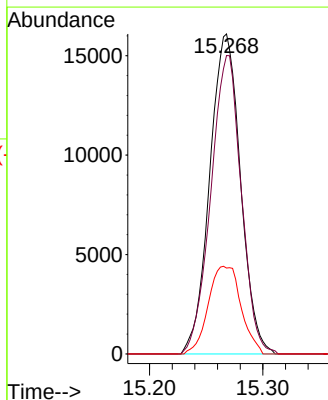
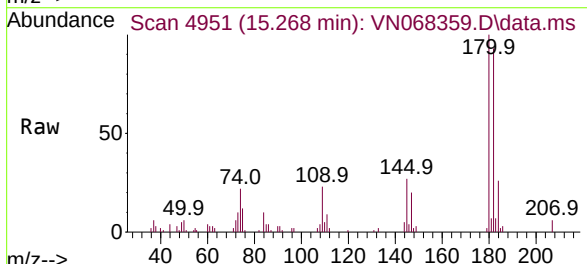
Instrument :
MSVOA_N
ClientSampled :
IBLK

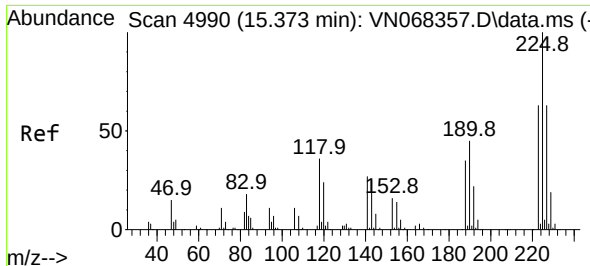
Tgt Ion: 75 Resp: 3117
Ion Ratio Lower Upper
75 100
155 89.0 56.6 169.9
157 130.4 73.9 221.6



#93
1,2,4-Trichlorobenzene
Concen: 7.860 ug/l
RT: 15.268 min Scan# 4951
Delta R.T. 0.003 min
Lab File: VN068359.D
Acq: 30 Aug 2021 15:00

Tgt Ion:180 Resp: 30363
Ion Ratio Lower Upper
180 100
182 92.0 46.9 140.7
145 29.1 14.1 42.3

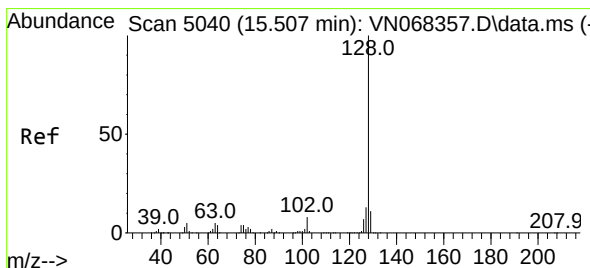
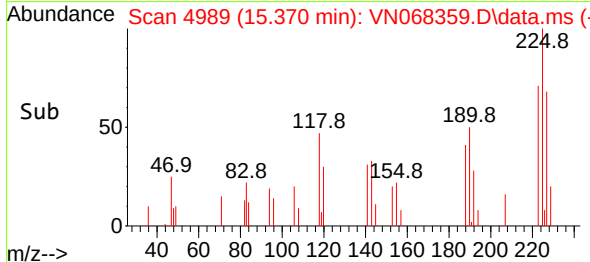
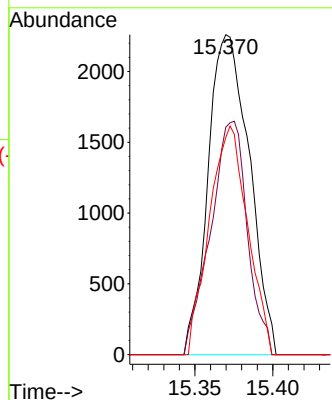
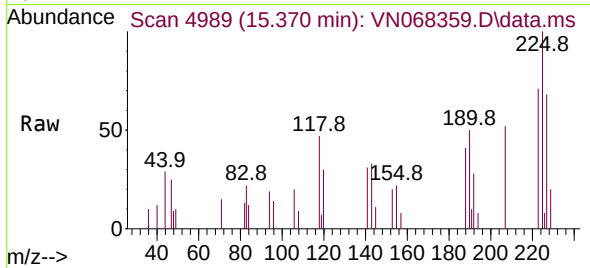




#94
Hexachlorobutadiene
Concen: 1.515 ug/l
RT: 15.370 min Scan# 4989
Delta R.T. -0.003 min
Lab File: VN068359.D
Acq: 30 Aug 2021 15:00

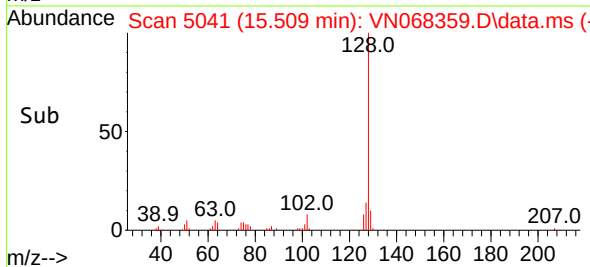
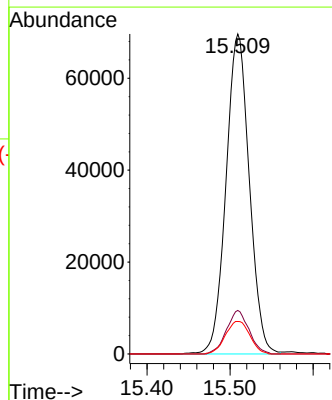
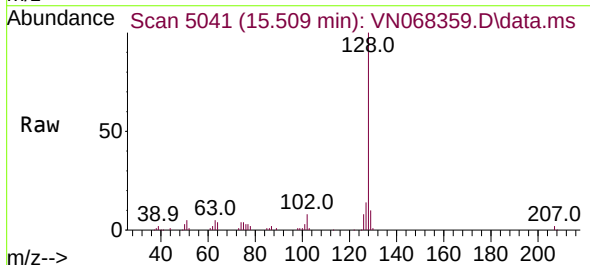
Instrument :
MSVOA_N
ClientSampled :
IBLK

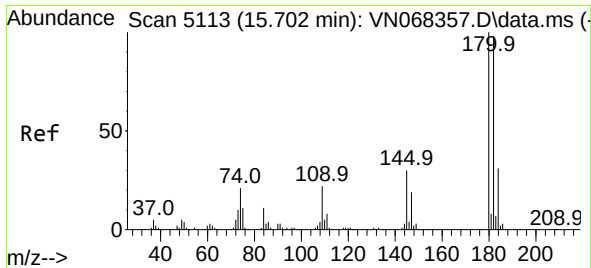
Tgt Ion:225 Resp: 4152
Ion Ratio Lower Upper
225 100
223 65.3 31.3 93.8
227 66.6 31.4 94.2



#95
Naphthalene
Concen: 13.269 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.002 min
Lab File: VN068359.D
Acq: 30 Aug 2021 15:00

Tgt Ion:128 Resp: 135635
Ion Ratio Lower Upper
128 100
127 13.1 10.6 16.0
129 10.7 8.6 12.8





#96
 1,2,3-Trichlorobenzene
 Concen: 9.692 ug/l
 RT: 15.702 min Scan# 5113
 Delta R.T. 0.000 min
 Lab File: VN068359.D
 Acq: 30 Aug 2021 15:00

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Tgt Ion:180 Resp: 39105
 Ion Ratio Lower Upper
 180 100
 182 91.5 47.5 142.6
 145 30.9 14.7 44.1

