

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092521\
 Data File : VN068689.D
 Acq On : 26 Sep 2021 1:33
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Sep 27 07:15:23 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N092521W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Sep 27 07:10:18 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.659	128	111882	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.968	114	632312	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.747	117	541022	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.437	65	288497	31.365	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 104.533%	
60) 4-Bromofluorobenzene	12.733	95	221932	26.854	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 89.500%	
63) Toluene-d8	10.443	98	775785	32.400	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 108.000%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.070	85	2337	0.378	ug/l	96
4) Vinyl Chloride	2.443	62	1912	0.203	ug/l #	64
11) Methyl Iodide	4.422	142	3276	0.442	ug/l #	82
12) Methyl Acetate	4.859	43	7218	0.576	ug/l	99
13) Acrolein	4.041	56	890	2.309	ug/l #	65
14) Acrylonitrile	5.554	53	3025	0.823	ug/l	84
15) Acetone	4.299	58	765	0.841	ug/l	75
16) Carbon Disulfide	4.537	76	21113	1.226	ug/l	99
19) trans-1,2-Dichloroethene	5.599	96	2065	0.320	ug/l	94
22) cis-1,2-Dichloroethene	7.329	96	2168	0.285	ug/l #	69
23) tert-Butyl Alcohol	5.315	59	450	0.365	ug/l #	100
29) 1,1-Dichloropropene	8.225	75	3980	0.373	ug/l #	57
36) 1,2-Dichloroethane	8.536	62	3228	0.267	ug/l #	84
37) Trichloroethene	9.220	130	3719	0.485	ug/l	90
38) Methylcyclohexane	9.461	83	3034	0.247	ug/l	80
40) Dibromomethane	9.579	93	1870	0.318	ug/l	65
42) Vinyl Acetate	6.434	43	8176	0.418	ug/l #	83
45) 1,4-Dioxane	9.571	88	1280	9.611	ug/l #	41
46) Methyl methacrylate	9.561	41	2467	0.261	ug/l	82
47) n-amyl Acetate	12.396	43	19871	1.061	ug/l	98
51) Ethyl methacrylate	10.762	69	4233	0.264	ug/l	87
55) 2-Chloroethyl vinyl ether	10.046	63	5989	1.674	ug/l	97
56) Bromoform	12.463	173	1742	0.249	ug/l #	91
58) 4-Methyl-2-Pentanone	10.333	43	19493	1.847	ug/l	97
59) 2-Hexanone	11.089	43	38037	4.716	ug/l	99
61) Tetrachloroethene	10.977	164	3511	0.558	ug/l	87
62) Toluene	10.510	91	9027	0.306	ug/l	98
64) Chlorobenzene	11.773	112	9870	0.521	ug/l	98
66) Ethyl Benzene	11.848	91	13264	0.388	ug/l	94
67) m/p-Xylenes	11.950	106	6033	0.470	ug/l #	1
69) Styrene	12.299	104	10322	0.517	ug/l	96
70) Isopropylbenzene	12.583	105	10995	0.346	ug/l	95
71) 1,1,2,2-Tetrachloroethane	12.830	83	3545	0.370	ug/l #	58
72) 1,2,3-Trichloropropane	12.884	75	8219	0.920	ug/l	83
73) Bromobenzene	12.862	156	5814	0.815	ug/l	97
74) n-propylbenzene	12.921	91	23497	0.651	ug/l	97
75) 2-Chlorotoluene	13.012	91	12152	0.560	ug/l	99
76) 1,3,5-Trimethylbenzene	13.061	105	11749	0.461	ug/l	94
78) 4-Chlorotoluene	13.109	91	18988	0.923	ug/l	100

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

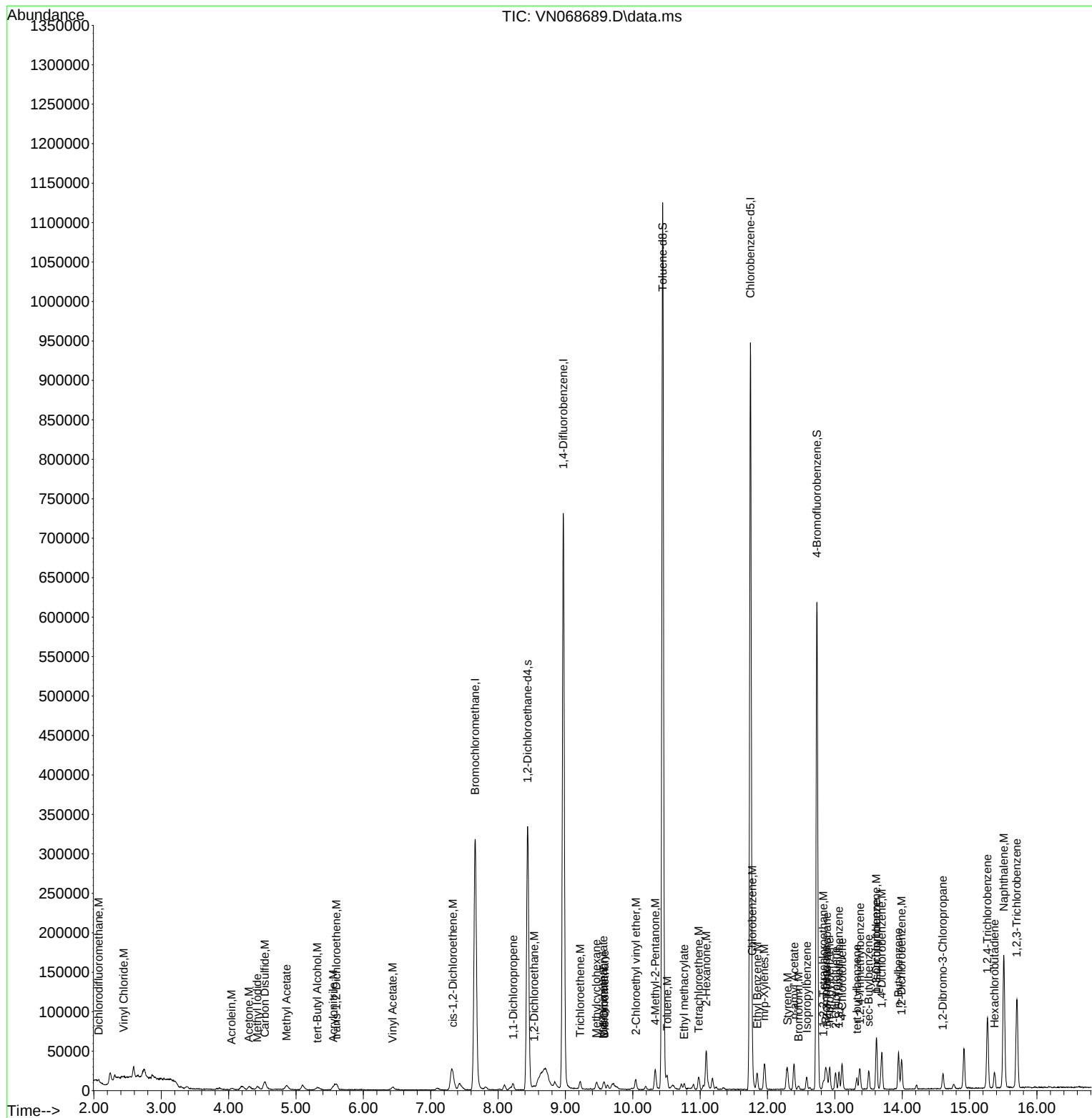
79) tert-butylbenzene	13.326	119	7279	0.331	ug/l	90
80) 1,2,4-Trimethylbenzene	13.374	105	14972	0.619	ug/l #	82
81) sec-Butylbenzene	13.501	105	15725	0.521	ug/l	99
82) p-Isopropyltoluene	13.616	119	15522	0.644	ug/l	92
83) 1,3-Dichlorobenzene	13.616	146	16173	1.369	ug/l	98
84) 1,4-Dichlorobenzene	13.696	146	17715	1.550	ug/l	92
85) n-Butylbenzene	13.946	91	25712	1.291	ug/l	97
87) 1,2-Dichlorobenzene	13.991	146	15812	1.373	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.603	75	5334	3.110	ug/l	85
89) 1,2,4-Trichlorobenzene	15.265	180	29089	5.112	ug/l	95
90) Hexachlorobutadiene	15.370	225	4485	1.528	ug/l	94
91) Naphthalene	15.507	128	157168	10.078	ug/l	99
92) 1,2,3-Trichlorobenzene	15.700	180	40190	7.351	ug/l	99

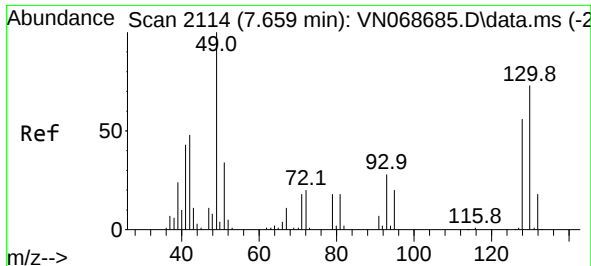
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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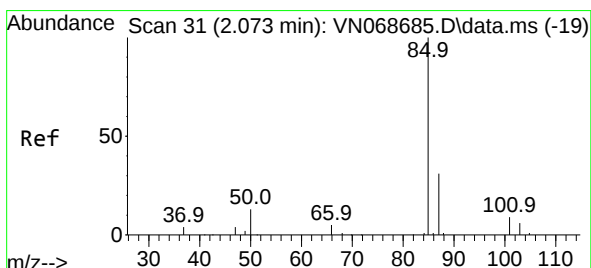
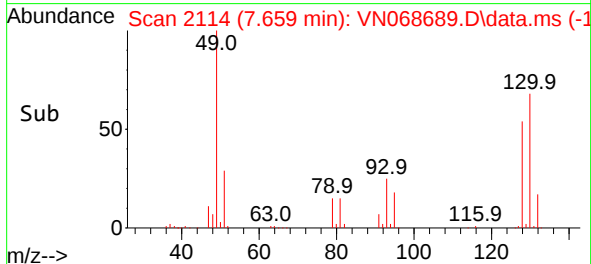
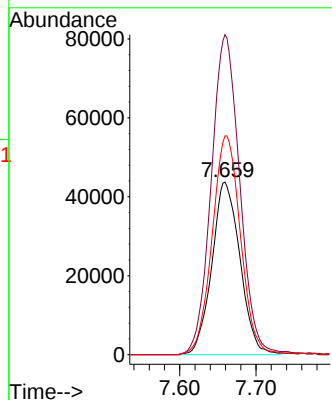
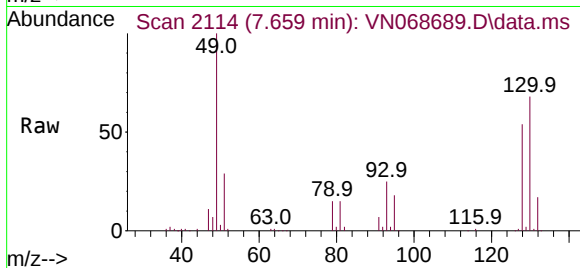




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.659 min Scan# 2114
Delta R.T. 0.000 min
Lab File: VN068689.D
Acq: 26 Sep 2021 1:33

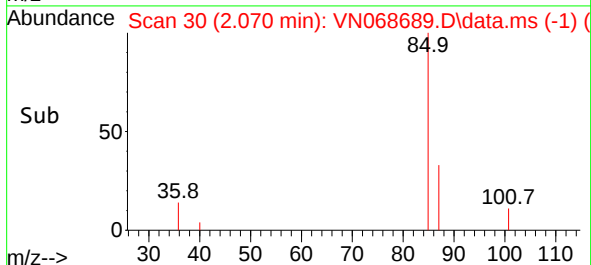
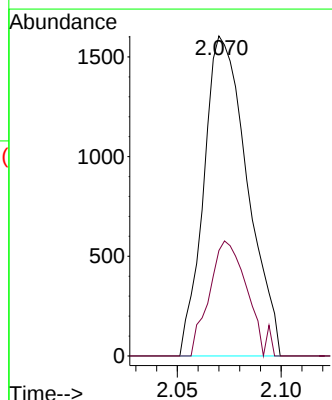
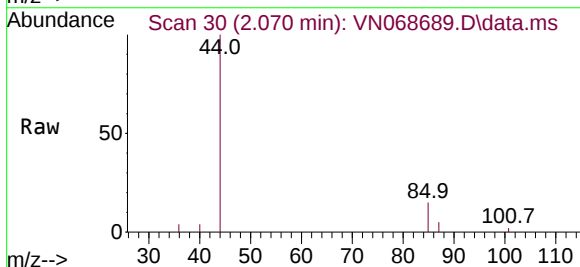
Instrument :
MSVOA_N
ClientSampled :
IBLK

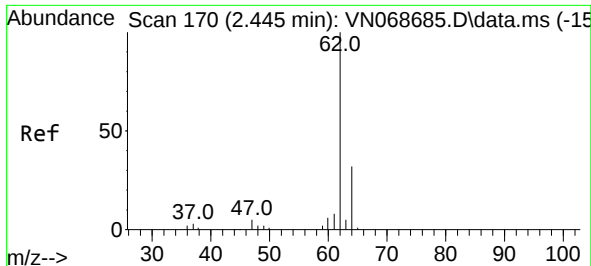
Tgt Ion:128 Resp: 111882
Ion Ratio Lower Upper
128 100
49 187.4 0.0 450.0
130 128.0 0.0 319.5



#2
Dichlorodifluoromethane
Concen: 0.378 ug/l
RT: 2.070 min Scan# 30
Delta R.T. -0.003 min
Lab File: VN068689.D
Acq: 26 Sep 2021 1:33

Tgt Ion: 85 Resp: 2337
Ion Ratio Lower Upper
85 100
87 33.0 15.3 45.9

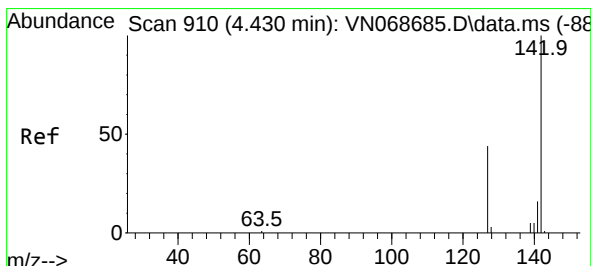
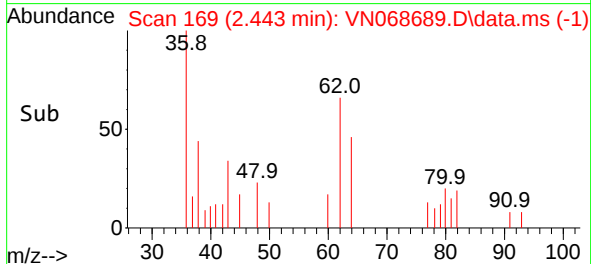
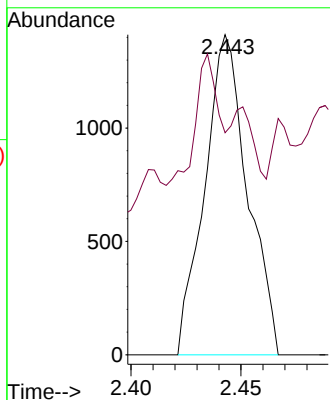
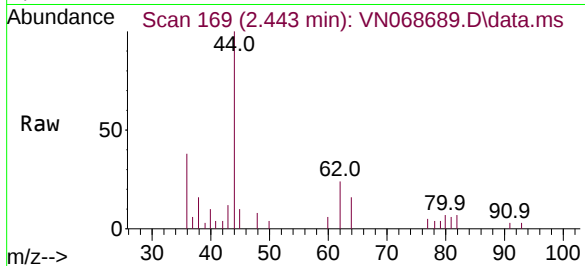




#4
 Vinyl Chloride
 Concen: 0.203 ug/l
 RT: 2.443 min Scan# 169
 Delta R.T. -0.003 min
 Lab File: VN068689.D
 Acq: 26 Sep 2021 1:33

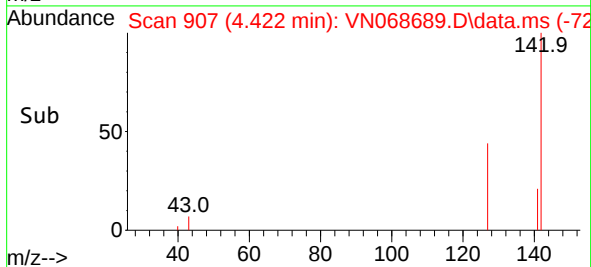
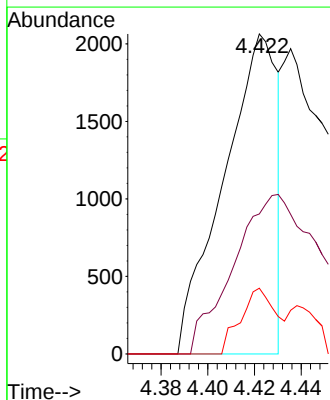
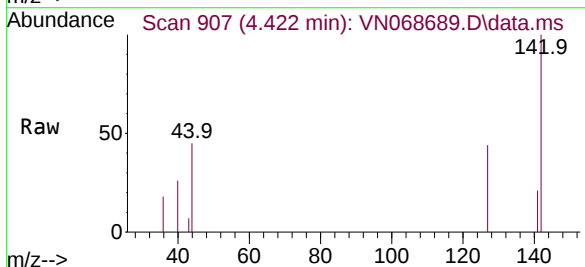
Instrument :
 MSVOA_N
 ClientSampled :
 IBLK

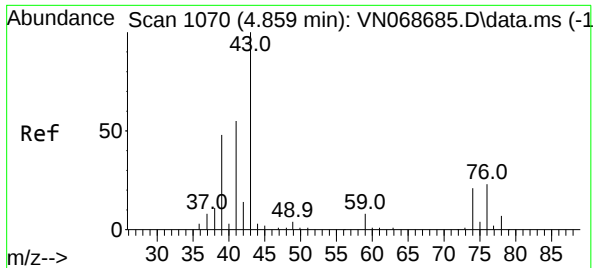
Tgt Ion: 62 Resp: 1912
 Ion Ratio Lower Upper
 62 100
 64 11.8 25.2 37.8#



#11
 Methyl Iodide
 Concen: 0.442 ug/l
 RT: 4.422 min Scan# 907
 Delta R.T. -0.008 min
 Lab File: VN068689.D
 Acq: 26 Sep 2021 1:33

Tgt Ion: 142 Resp: 3276
 Ion Ratio Lower Upper
 142 100
 127 33.6 22.1 66.5
 141 26.3 8.2 24.6#

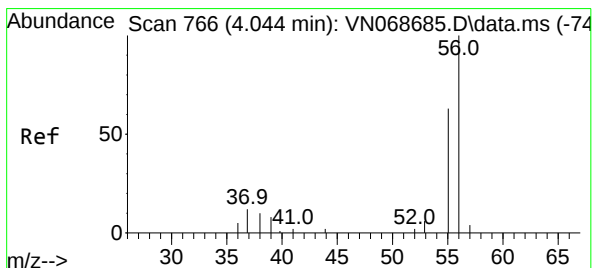
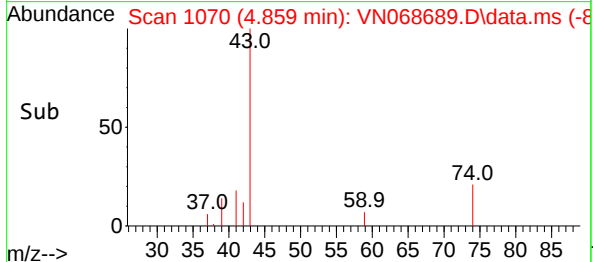
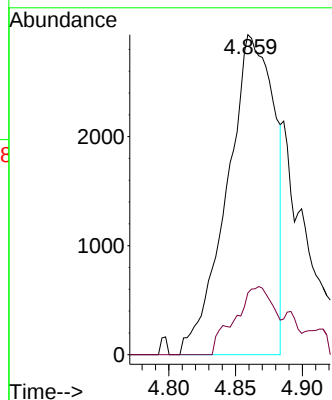
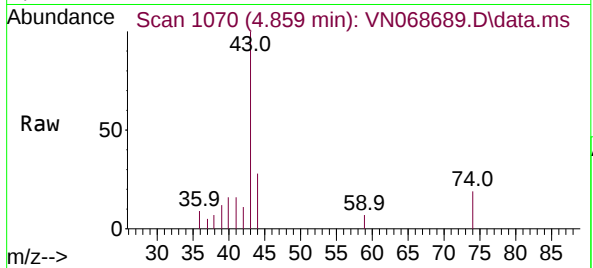




#12
Methyl Acetate
Concen: 0.576 ug/l
RT: 4.859 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VN068689.D
Acq: 26 Sep 2021 1:33

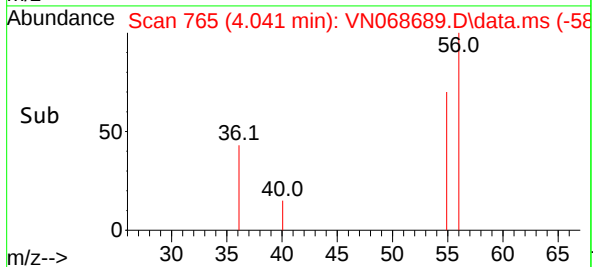
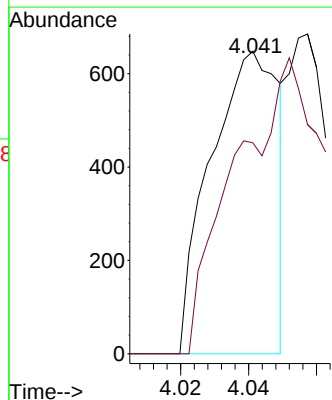
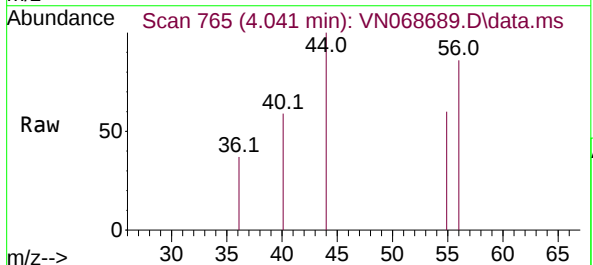
Instrument :
MSVOA_N
ClientSampled :
IBLK

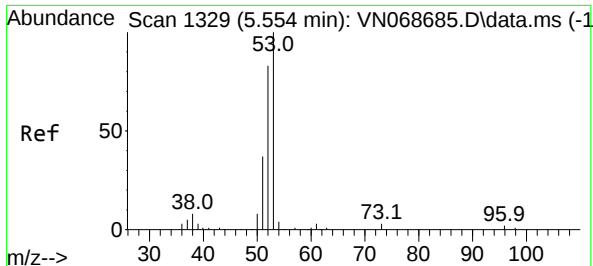
Tgt Ion: 43 Resp: 7218
Ion Ratio Lower Upper
43 100
74 21.7 16.9 25.3



#13
Acrolein
Concen: 2.309 ug/l
RT: 4.041 min Scan# 765
Delta R.T. -0.003 min
Lab File: VN068689.D
Acq: 26 Sep 2021 1:33

Tgt Ion: 56 Resp: 890
Ion Ratio Lower Upper
56 100
55 51.1 25.4 38.0#

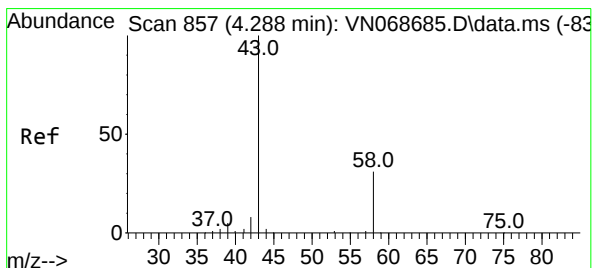
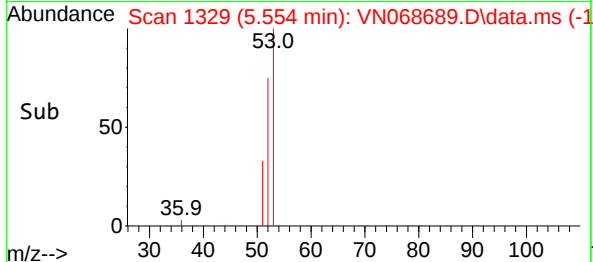
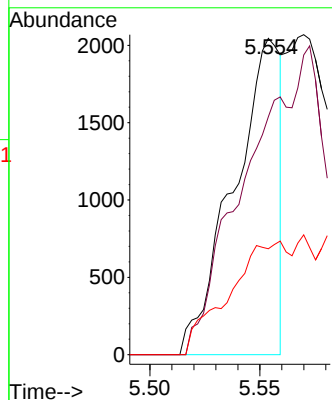
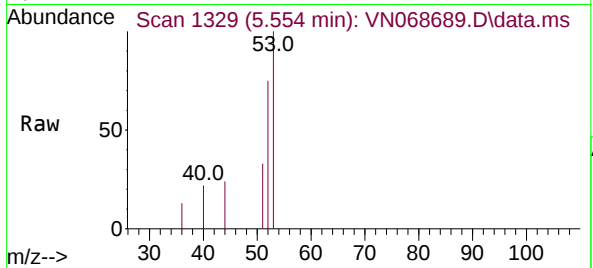




#14
Acrylonitrile
Concen: 0.823 ug/l
RT: 5.554 min Scan# 1329
Delta R.T. 0.000 min
Lab File: VN068689.D
Acq: 26 Sep 2021 1:33

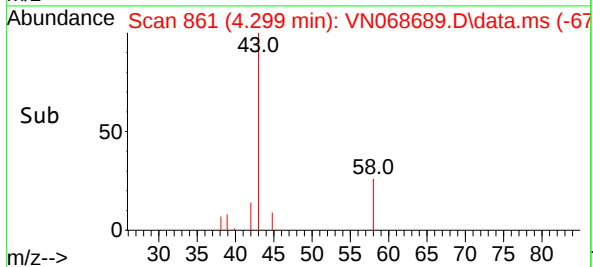
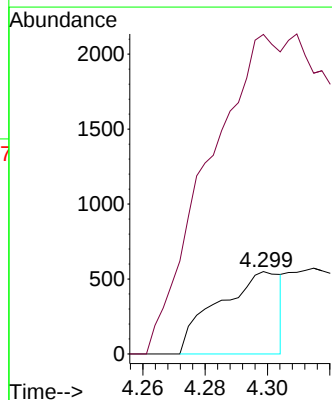
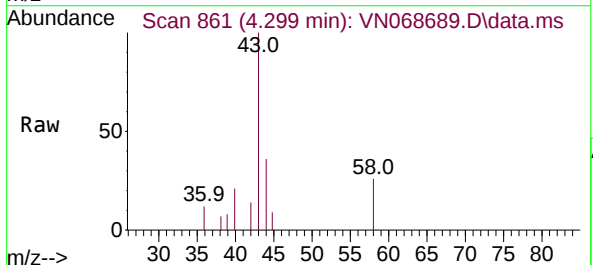
Instrument :
MSVOA_N
ClientSampled :
IBLK

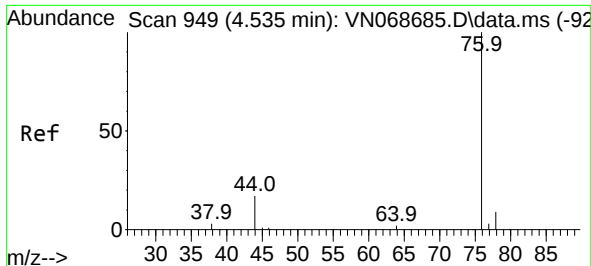
Tgt Ion:	53	Resp:	3025
Ion	Ratio	Lower	Upper
53	100		
52	99.4	41.0	123.2
51	32.0	18.2	54.6



#15
Acetone
Concen: 0.841 ug/l
RT: 4.299 min Scan# 861
Delta R.T. 0.011 min
Lab File: VN068689.D
Acq: 26 Sep 2021 1:33

Tgt Ion:	58	Resp:	765
Ion	Ratio	Lower	Upper
58	100		
43	274.9	261.0	391.4

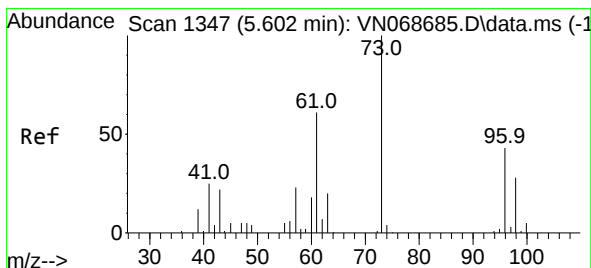
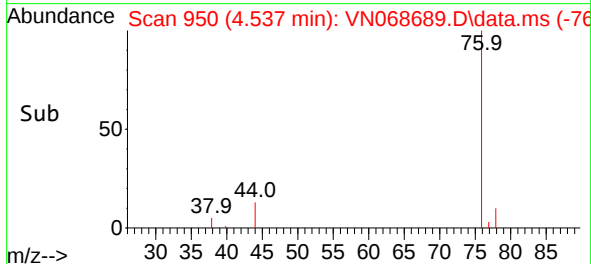
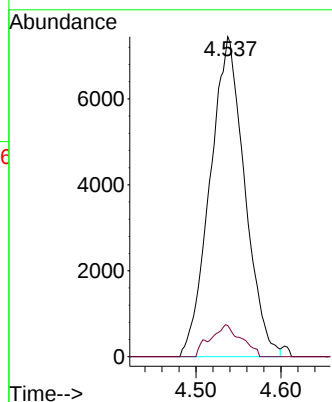
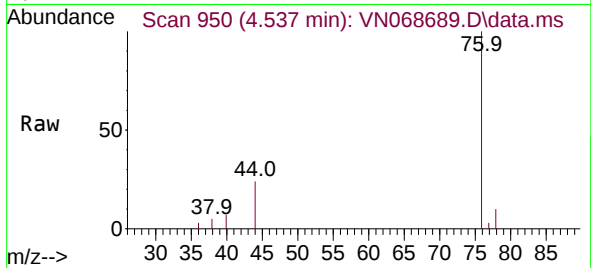




#16
Carbon Disulfide
Concen: 1.226 ug/l
RT: 4.537 min Scan# 950
Delta R.T. 0.003 min
Lab File: VN068689.D
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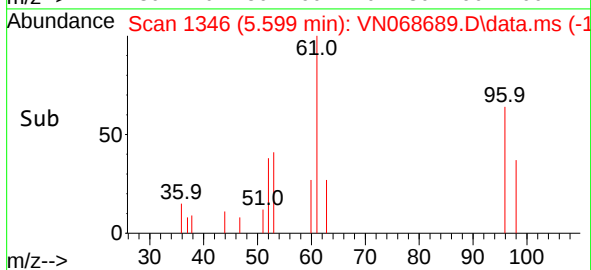
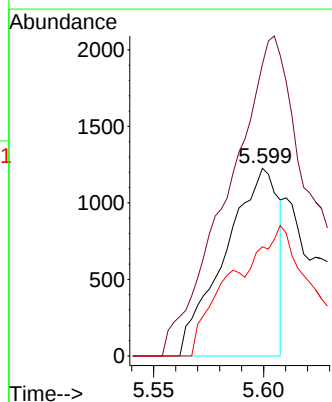
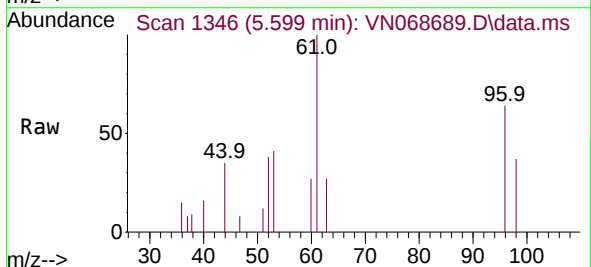
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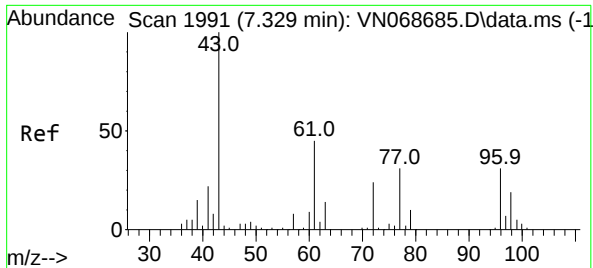
Tgt Ion: 76 Resp: 21113
Ion Ratio Lower Upper
76 100
78 9.8 7.5 11.3



#19
trans-1,2-Dichloroethene
Concen: 0.320 ug/l
RT: 5.599 min Scan# 1346
Delta R.T. -0.003 min
Lab File: VN068689.D
Acq: 26 Sep 2021 1:33

Tgt Ion: 96 Resp: 2065
Ion Ratio Lower Upper
96 100
61 134.5 112.6 168.8
98 58.2 51.2 76.8

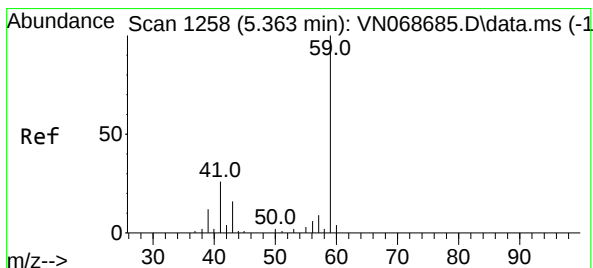
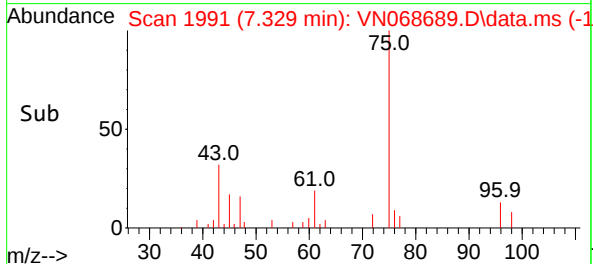
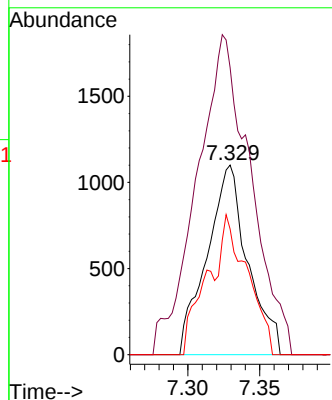
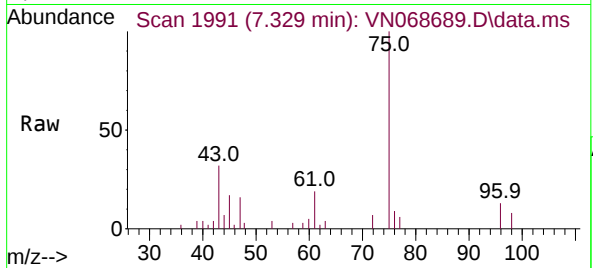




#22
cis-1,2-Dichloroethene
Concen: 0.285 ug/l
RT: 7.329 min Scan# 1991
Delta R.T. 0.000 min
Lab File: VN068689.D
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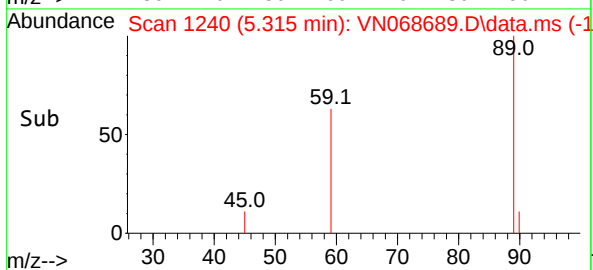
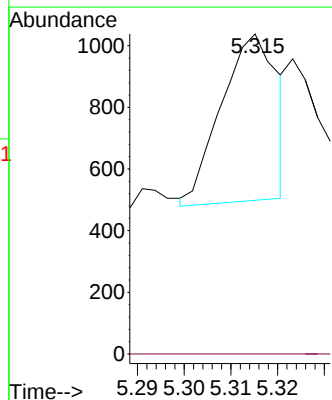
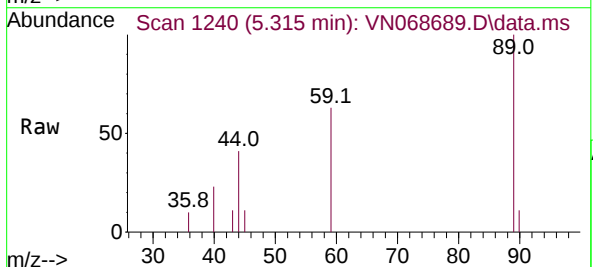
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ClientSampled :
IBLK

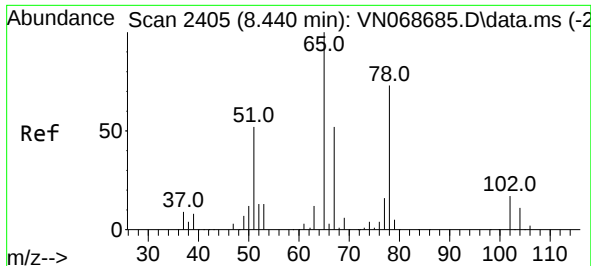
Tgt Ion: 96 Resp: 2168
Ion Ratio Lower Upper
96 100
61 132.5 120.7 181.1
98 11.8 52.7 79.1#



#23
tert-Butyl Alcohol
Concen: 0.365 ug/l
RT: 5.315 min Scan# 1240
Delta R.T. -0.048 min
Lab File: VN068689.D
Acq: 26 Sep 2021 1:33

Tgt Ion: 59 Resp: 450
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0





#27

1,2-Dichloroethane-d4

Concen: 31.365 ug/l

RT: 8.437 min Scan# 2404

Delta R.T. -0.003 min

Lab File: VN068689.D

Acq: 26 Sep 2021 1:33

Tgt Ion: 65 Resp: 288497

Ion Ratio Lower Upper

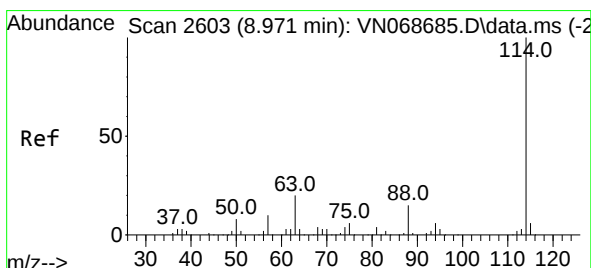
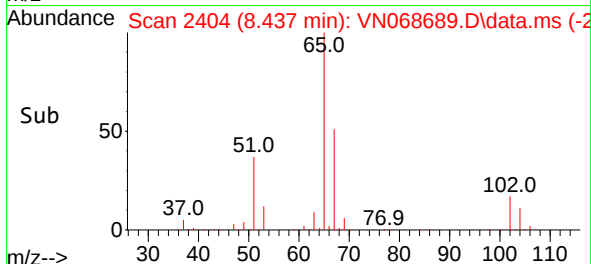
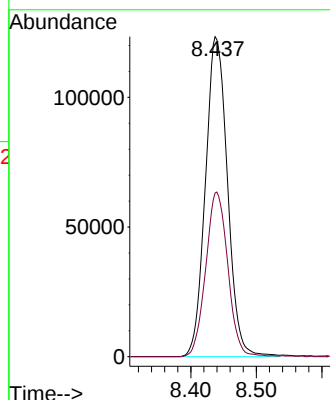
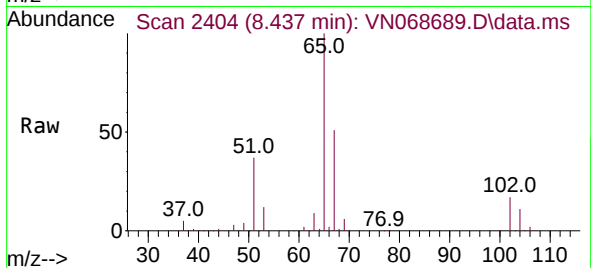
65	100		
67	51.4	41.0	61.6

Instrument :

MSVOA_N

ClientSampled :

IBLK



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 8.968 min Scan# 2602

Delta R.T. -0.003 min

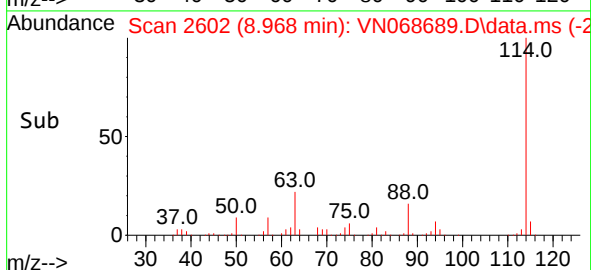
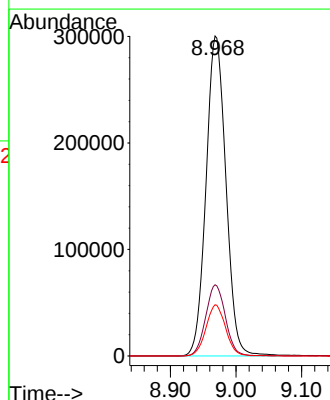
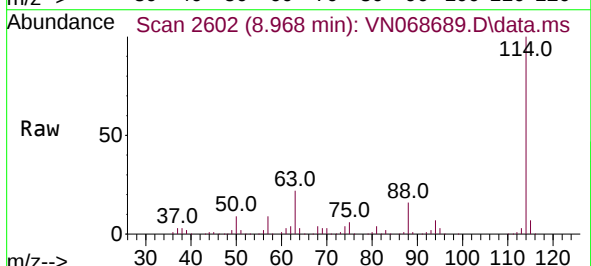
Lab File: VN068689.D

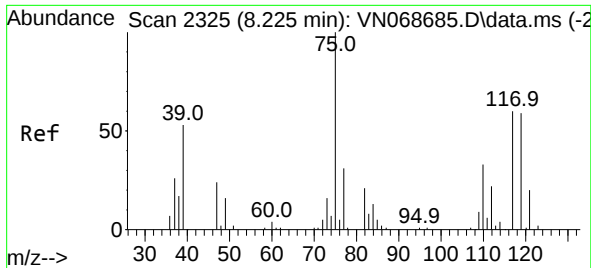
Acq: 26 Sep 2021 1:33

Tgt Ion: 114 Resp: 632312

Ion Ratio Lower Upper

114	100		
63	22.1	17.1	25.7
88	15.8	12.2	18.4



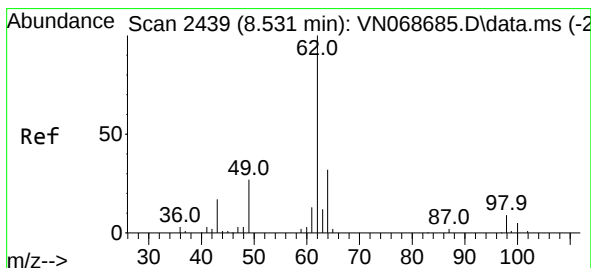
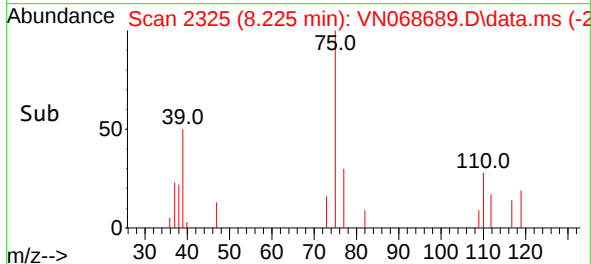
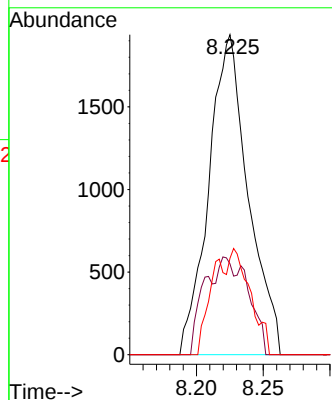
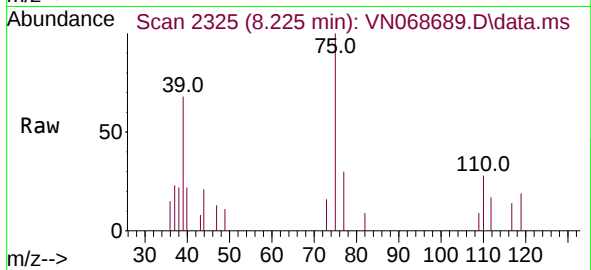


#29

1,1-Dichloropropene
 Concen: 0.373 ug/l
 RT: 8.225 min Scan# 2325
 Delta R.T. 0.000 min
 Lab File: VN068689.D
 Acq: 26 Sep 2021 1:33

Instrument :
 MSVOA_N
 ClientSampled :
 IBLK

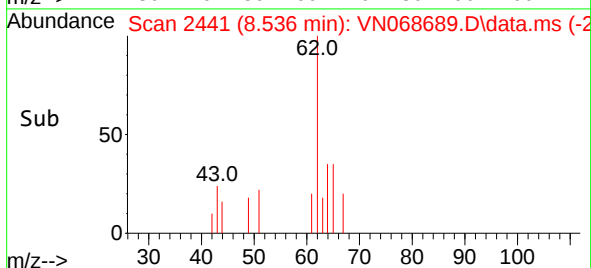
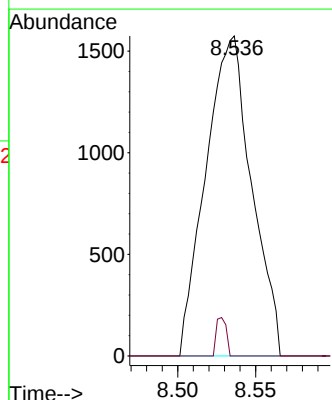
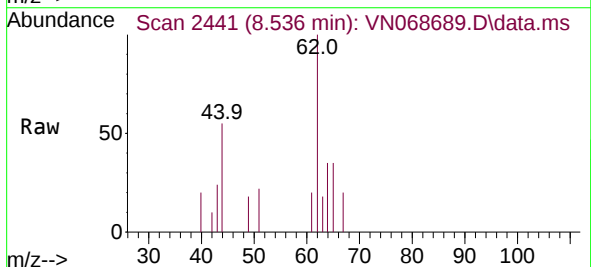
Tgt Ion: 75 Resp: 3980
 Ion Ratio Lower Upper
 75 100
 110 0.0 0.0 67.4
 77 16.3 0.0 60.0

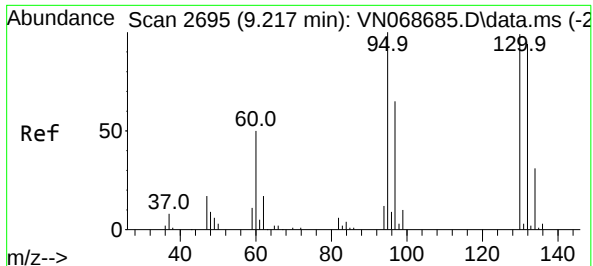


#36

1,2-Dichloroethane
 Concen: 0.267 ug/l
 RT: 8.536 min Scan# 2441
 Delta R.T. 0.005 min
 Lab File: VN068689.D
 Acq: 26 Sep 2021 1:33

Tgt Ion: 62 Resp: 3228
 Ion Ratio Lower Upper
 62 100
 98 2.6 6.5 9.7#





#37

Trichloroethene

Concen: 0.485 ug/l

RT: 9.220 min Scan# 2696

Delta R.T. 0.003 min

Lab File: VN068689.D

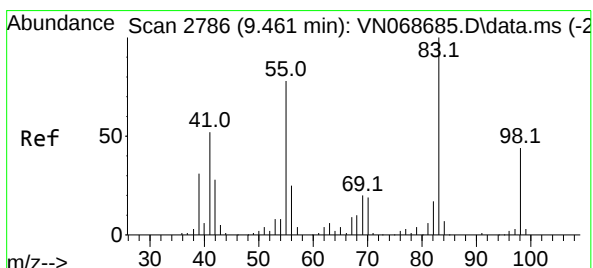
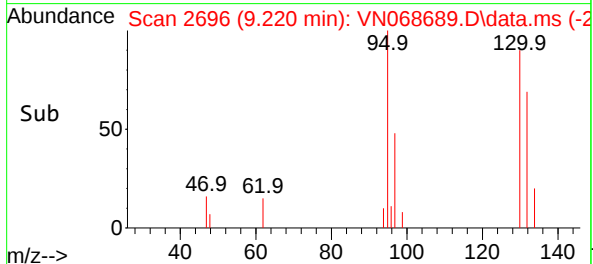
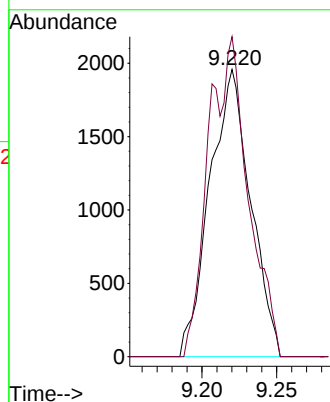
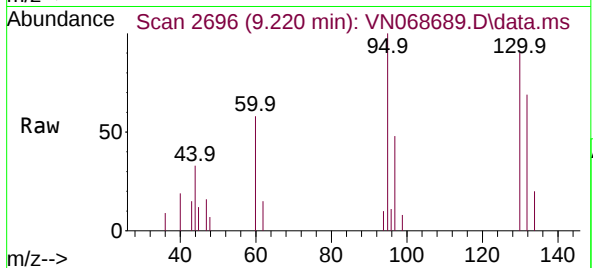
Acq: 26 Sep 2021 1:33

Tgt Ion:130 Resp: 3719

Ion Ratio Lower Upper

130 100

95 111.4 80.7 121.1



#38

Methylcyclohexane

Concen: 0.247 ug/l

RT: 9.461 min Scan# 2786

Delta R.T. 0.000 min

Lab File: VN068689.D

Acq: 26 Sep 2021 1:33

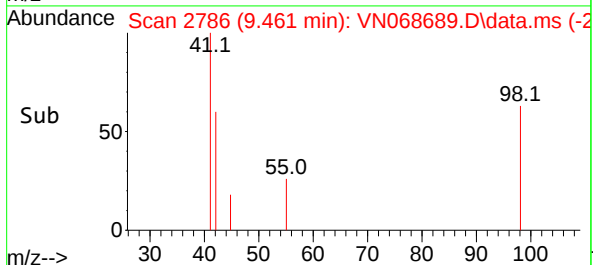
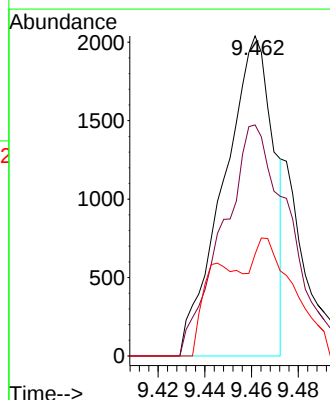
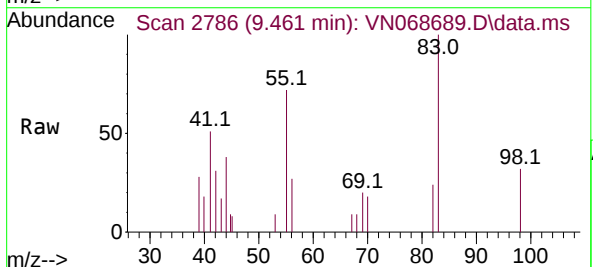
Tgt Ion: 83 Resp: 3034

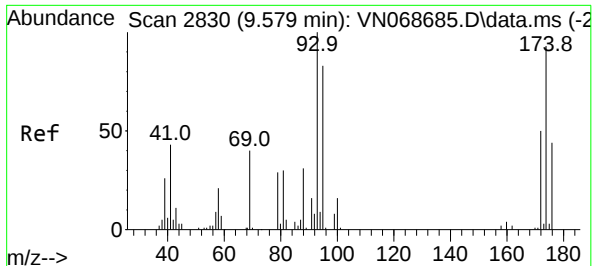
Ion Ratio Lower Upper

83 100

55 96.0 39.3 117.9

98 32.4 22.7 68.0

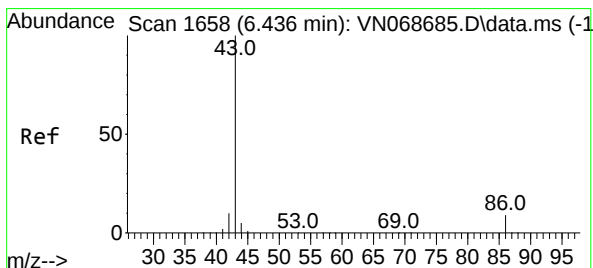
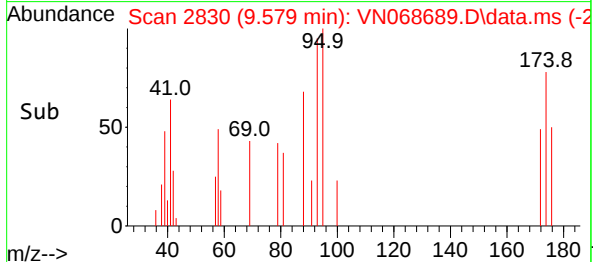
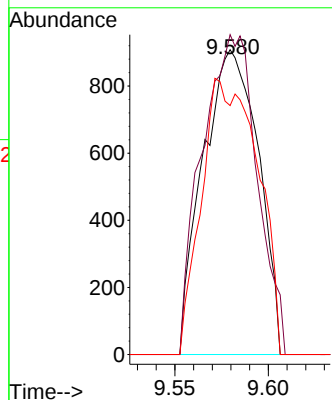
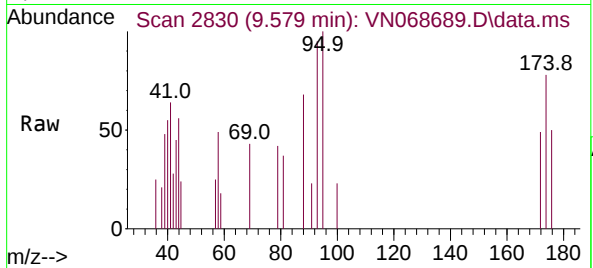




#40
Dibromomethane
Concen: 0.318 ug/l
RT: 9.579 min Scan# 2830
Delta R.T. 0.000 min
Lab File: VN068689.D
Acq: 26 Sep 2021 1:33

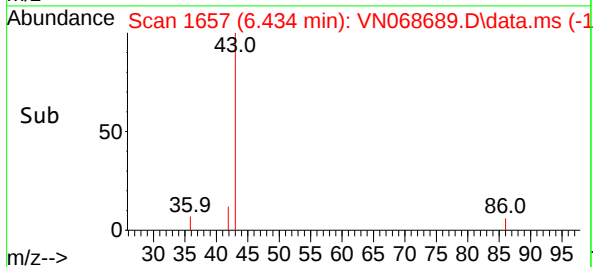
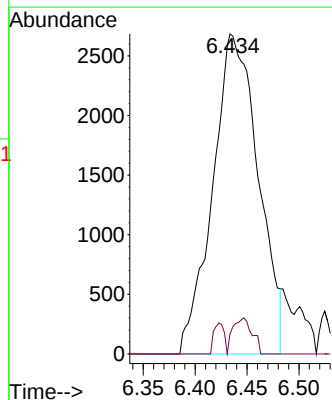
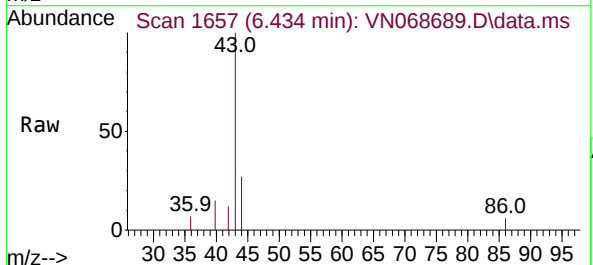
Instrument :
MSVOA_N
ClientSampled :
IBLK

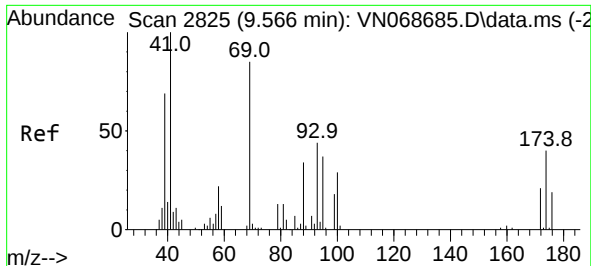
Tgt Ion: 93 Resp: 1870
Ion Ratio Lower Upper
93 100
95 64.8 0.0 165.4
174 47.6 0.0 187.8



#42
Vinyl Acetate
Concen: 0.418 ug/l
RT: 6.434 min Scan# 1657
Delta R.T. -0.003 min
Lab File: VN068689.D
Acq: 26 Sep 2021 1:33

Tgt Ion: 43 Resp: 8176
Ion Ratio Lower Upper
43 100
86 2.2 6.5 9.7#

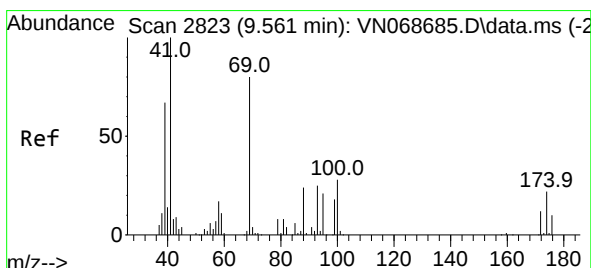
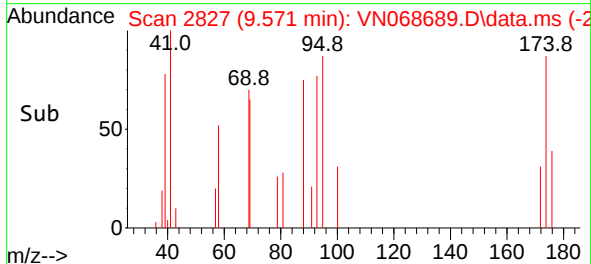
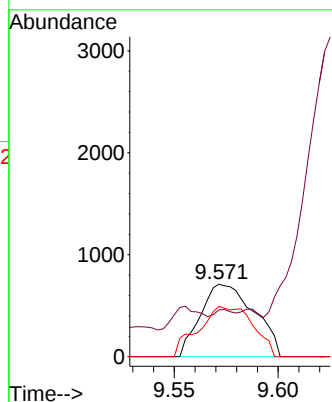
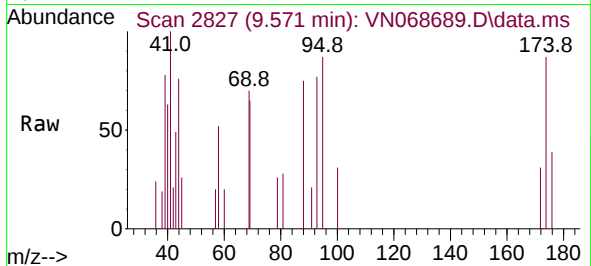




#45
1,4-Dioxane
Concen: 9.611 ug/l
RT: 9.571 min Scan# 2827
Delta R.T. 0.005 min
Lab File: VN068689.D
Acq: 26 Sep 2021 1:33

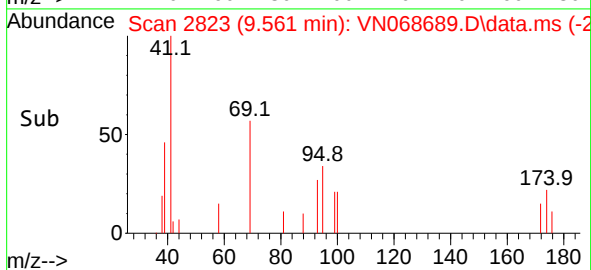
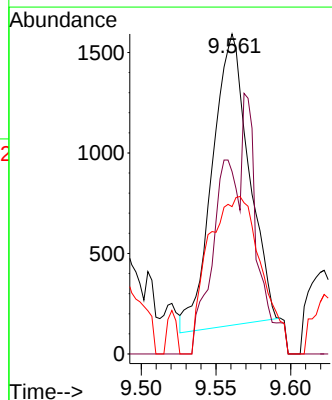
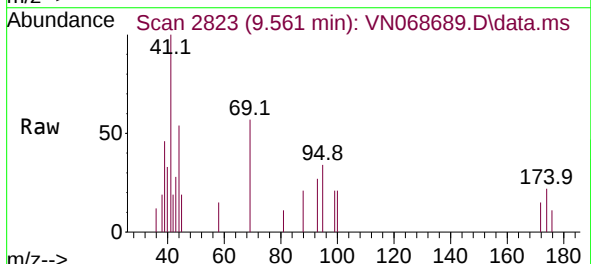
Instrument :
MSVOA_N
ClientSampleId :
IBLK

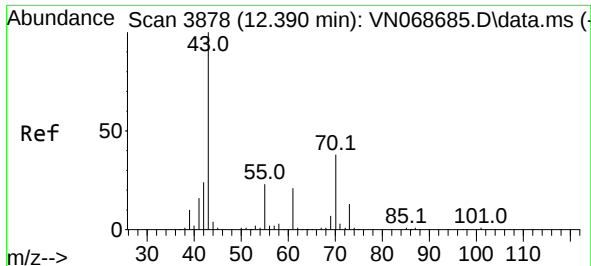
Tgt Ion: 88 Resp: 1280
Ion Ratio Lower Upper
88 100
43 3.8 27.3 40.9#
58 18.8 55.0 82.6#



#46
Methyl methacrylate
Concen: 0.261 ug/l
RT: 9.561 min Scan# 2823
Delta R.T. 0.000 min
Lab File: VN068689.D
Acq: 26 Sep 2021 1:33

Tgt Ion: 41 Resp: 2467
Ion Ratio Lower Upper
41 100
69 64.1 39.6 118.8
39 51.8 34.0 102.0

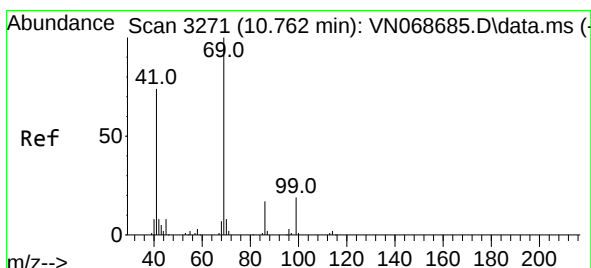
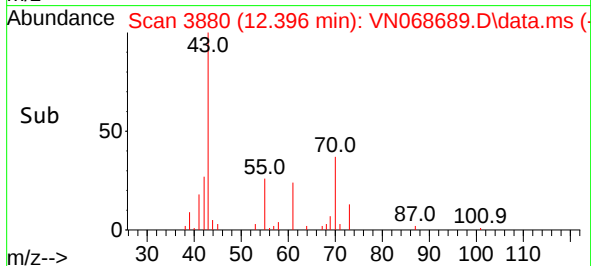
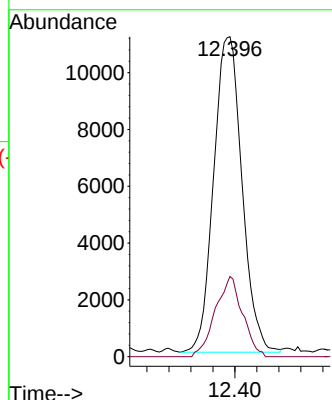
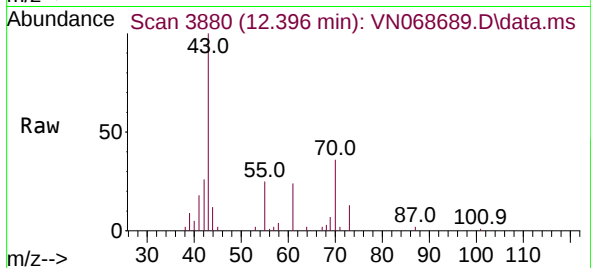




#47
n-amyl Acetate
Concen: 1.061 ug/l
RT: 12.396 min Scan# 3880
Delta R.T. 0.005 min
Lab File: VN068689.D
Acq: 26 Sep 2021 1:33

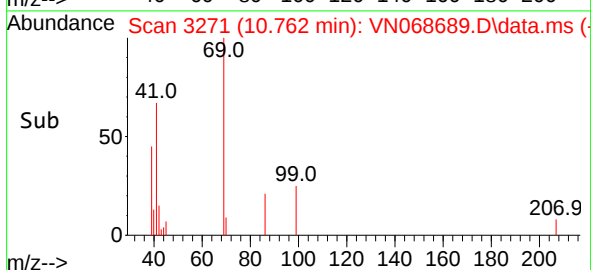
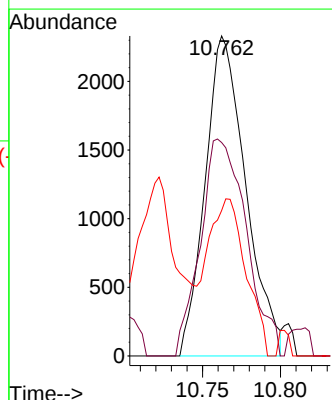
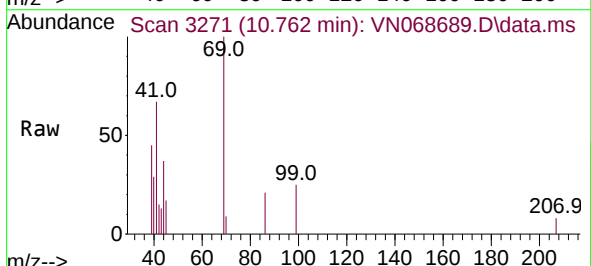
Instrument :
MSVOA_N
ClientSampled :
IBLK

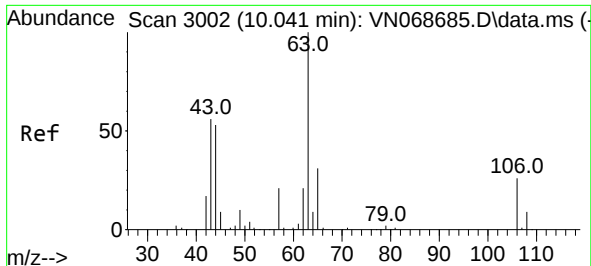
Tgt Ion: 43 Resp: 19871
Ion Ratio Lower Upper
43 100
55 24.3 18.6 27.8



#51
Ethyl methacrylate
Concen: 0.264 ug/l
RT: 10.762 min Scan# 3271
Delta R.T. 0.000 min
Lab File: VN068689.D
Acq: 26 Sep 2021 1:33

Tgt Ion: 69 Resp: 4233
Ion Ratio Lower Upper
69 100
41 66.7 37.0 111.1
39 37.5 25.1 75.4

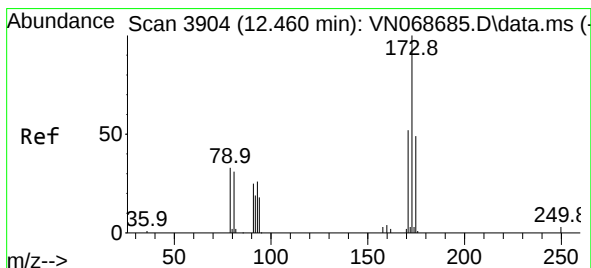
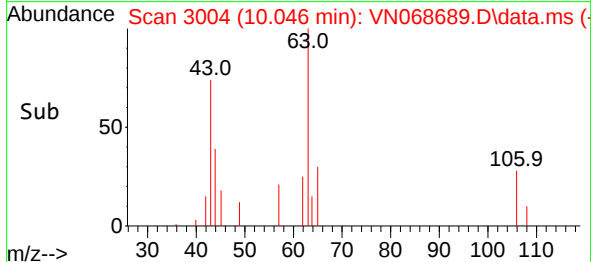
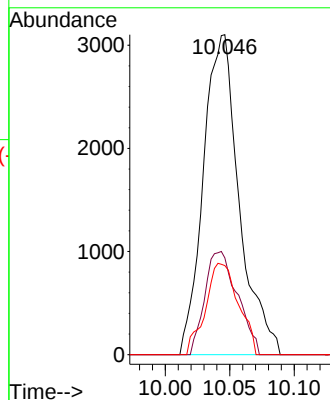
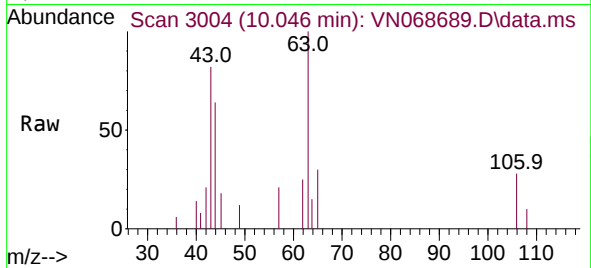




#55
2-Chloroethyl vinyl ether
Concen: 1.674 ug/l
RT: 10.046 min Scan# 3004
Delta R.T. 0.005 min
Lab File: VN068689.D
Acq: 26 Sep 2021 1:33

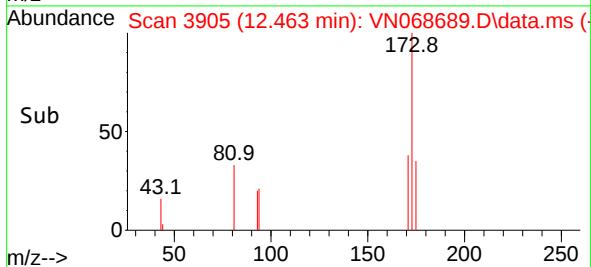
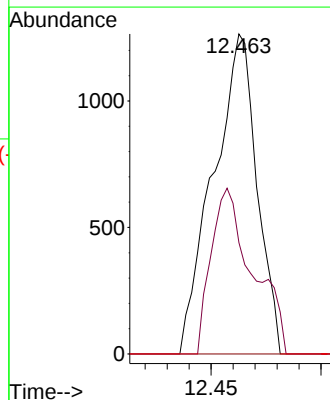
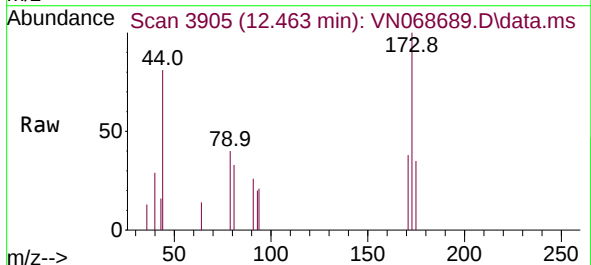
Instrument :
MSVOA_N
ClientSampled :
IBLK

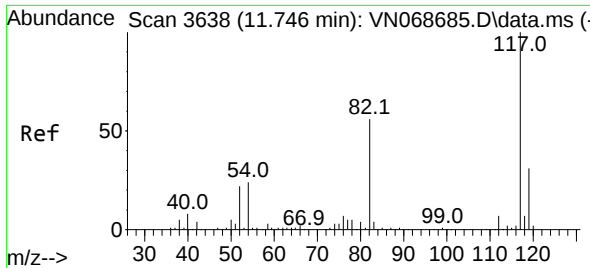
Tgt Ion:	63	Resp:	5989
Ion	Ratio	Lower	Upper
63	100		
65	29.5	25.4	38.0
106	26.2	21.3	31.9



#56
Bromoform
Concen: 0.249 ug/l
RT: 12.463 min Scan# 3905
Delta R.T. 0.003 min
Lab File: VN068689.D
Acq: 26 Sep 2021 1:33

Tgt Ion:	173	Resp:	1742
Ion	Ratio	Lower	Upper
173	100		
175	42.8	39.4	59.0
254	0.0	0.0	0.0

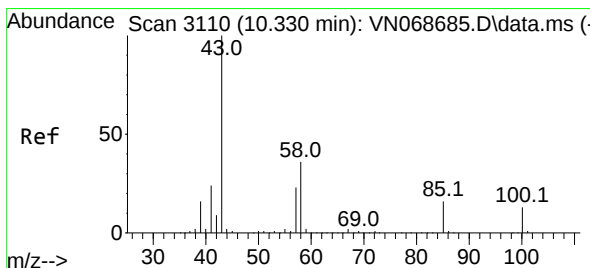
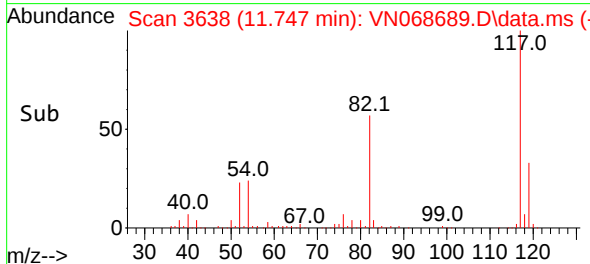
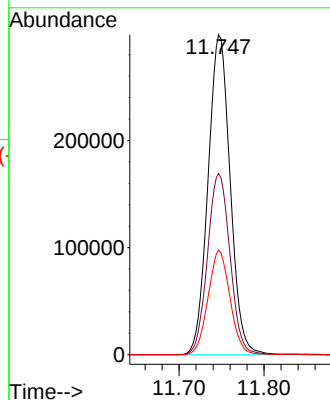
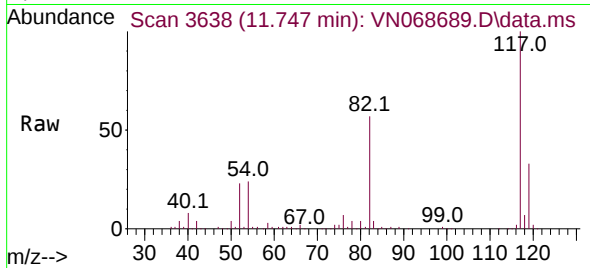




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN068689.D
Acq: 26 Sep 2021 1:33

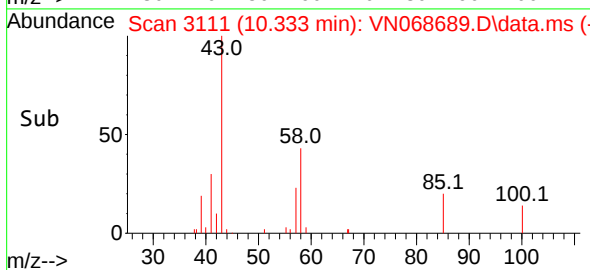
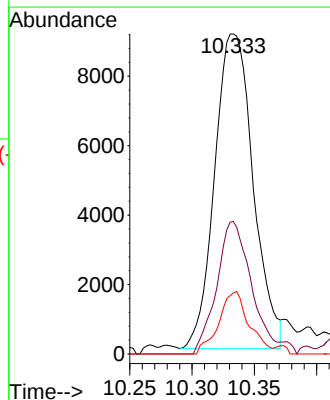
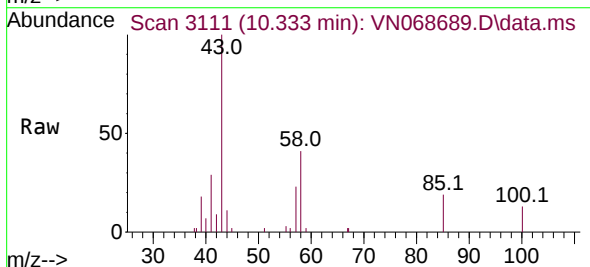
Instrument :
MSVOA_N
ClientSampled :
IBLK

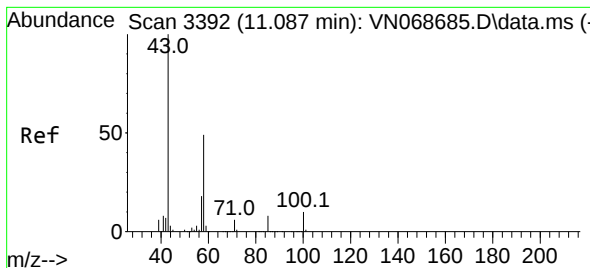
Tgt Ion:117 Resp: 541022
Ion Ratio Lower Upper
117 100
82 57.6 44.6 66.8
119 32.3 25.7 38.5



#58
4-Methyl-2-Pentanone
Concen: 1.847 ug/l
RT: 10.333 min Scan# 3111
Delta R.T. 0.003 min
Lab File: VN068689.D
Acq: 26 Sep 2021 1:33

Tgt Ion: 43 Resp: 19493
Ion Ratio Lower Upper
43 100
58 37.7 28.5 42.7
85 15.7 12.8 19.2

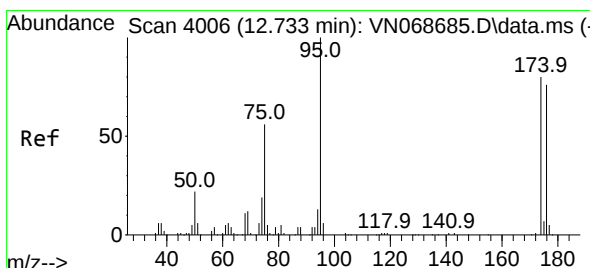
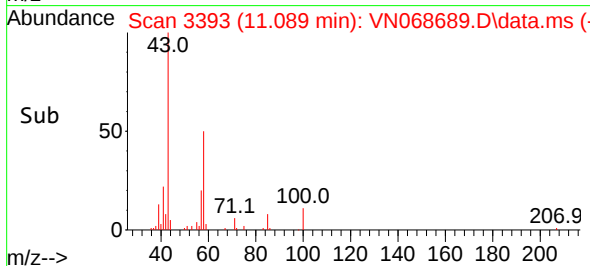
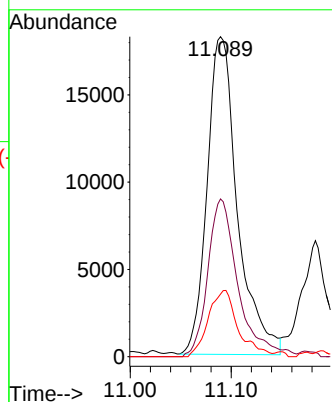
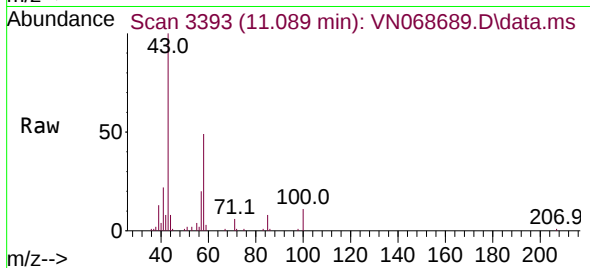




#59
2-Hexanone
Concen: 4.716 ug/l
RT: 11.089 min Scan# 3393
Delta R.T. 0.003 min
Lab File: VN068689.D
Acq: 26 Sep 2021 1:33

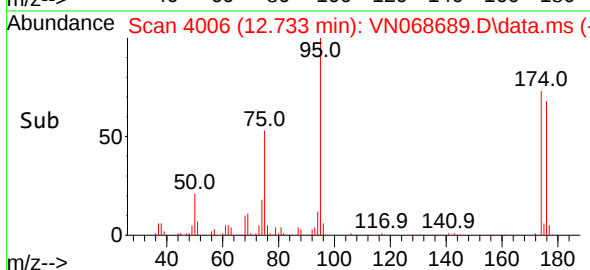
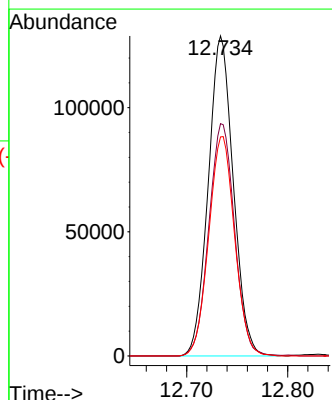
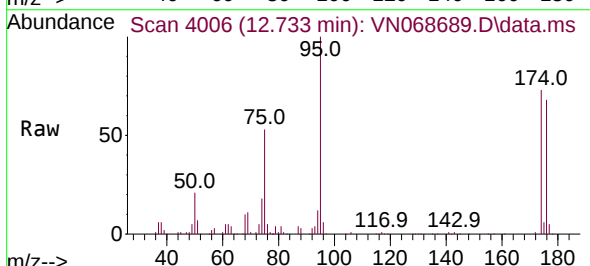
Instrument :
MSVOA_N
ClientSampled :
IBLK

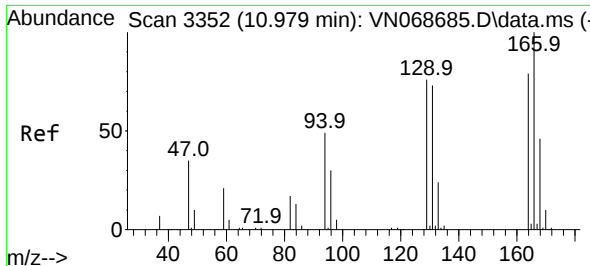
Tgt Ion:	43	Resp:	38037
Ion	Ratio	Lower	Upper
43	100		
58	48.8	39.5	59.3
57	18.3	14.3	21.5



#60
4-Bromofluorobenzene
Concen: 26.854 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN068689.D
Acq: 26 Sep 2021 1:33

Tgt Ion:	95	Resp:	221932
Ion	Ratio	Lower	Upper
95	100		
174	74.5	63.0	94.6
176	70.9	60.6	90.8

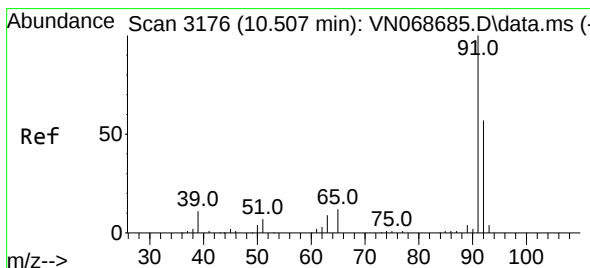
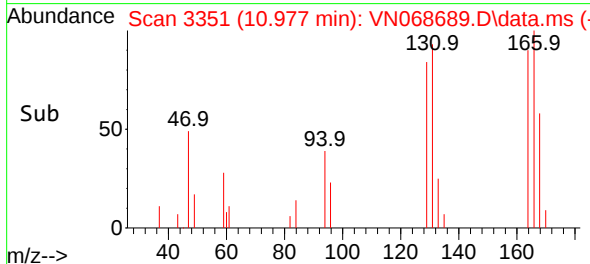
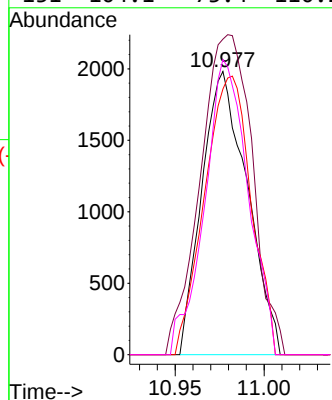
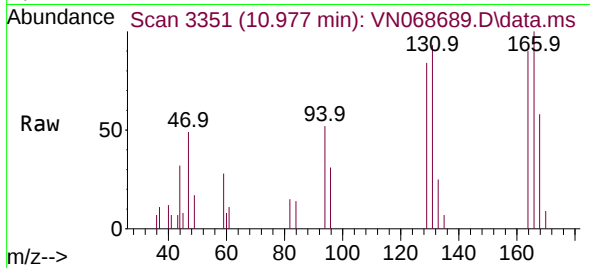




#61
Tetrachloroethene
Concen: 0.558 ug/l
RT: 10.977 min Scan# 3351
Delta R.T. -0.003 min
Lab File: VN068689.D
Acq: 26 Sep 2021 1:33

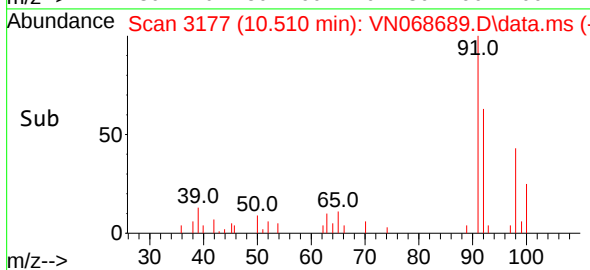
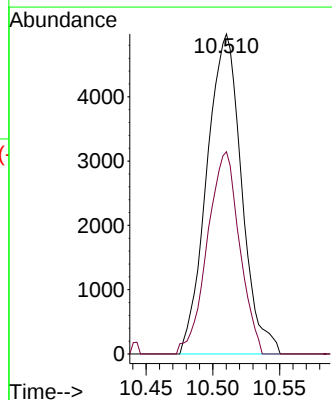
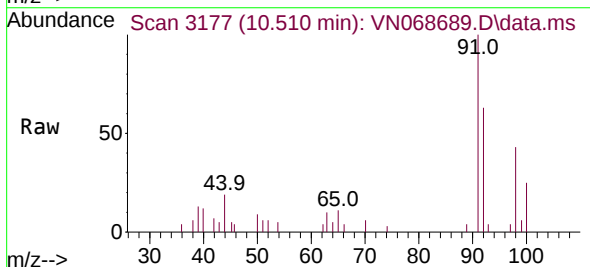
Instrument :
MSVOA_N
ClientSampleId :
IBLK

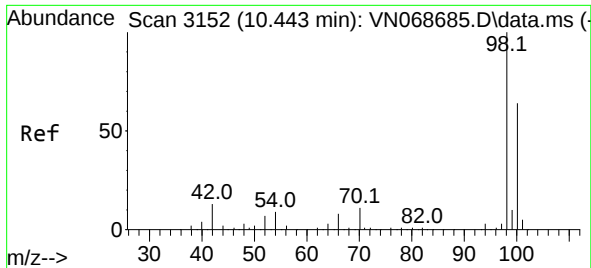
Tgt Ion:164 Resp: 3511
Ion Ratio Lower Upper
164 100
166 102.8 100.8 151.2
129 93.7 76.8 115.2
131 104.1 73.4 110.2



#62
Toluene
Concen: 0.306 ug/l
RT: 10.510 min Scan# 3177
Delta R.T. 0.003 min
Lab File: VN068689.D
Acq: 26 Sep 2021 1:33

Tgt Ion: 91 Resp: 9027
Ion Ratio Lower Upper
91 100
92 58.4 45.7 68.5

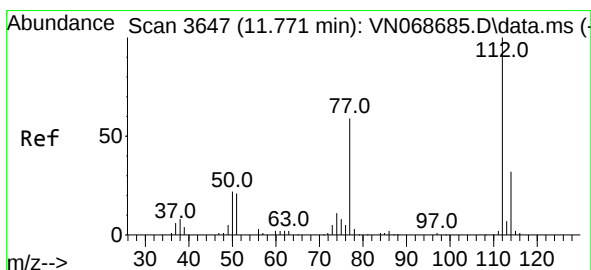
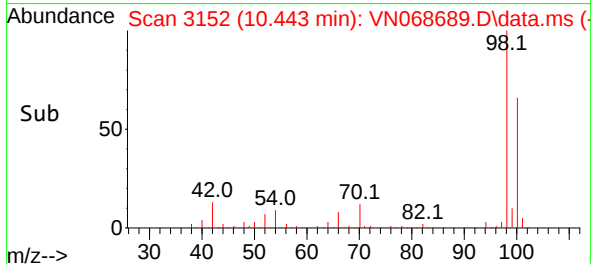
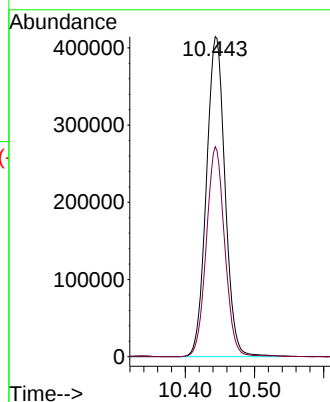
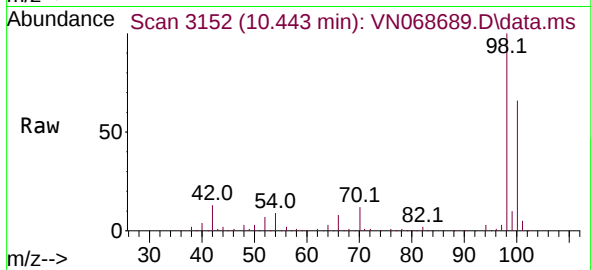




#63
Toluene-d8
Concen: 32.400 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN068689.D
Acq: 26 Sep 2021 1:33

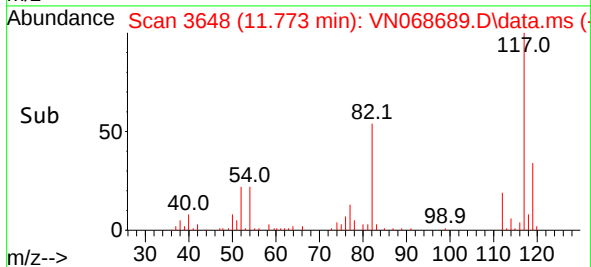
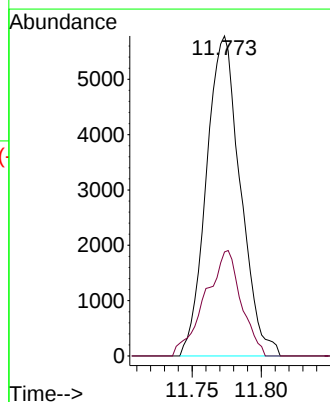
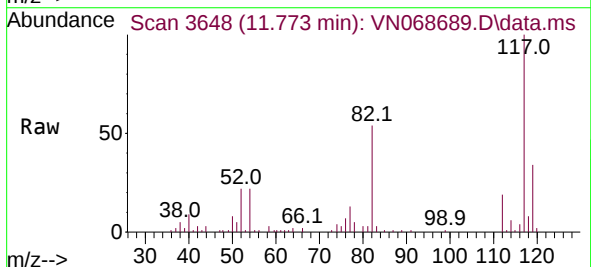
Instrument :
MSVOA_N
ClientSampled :
IBLK

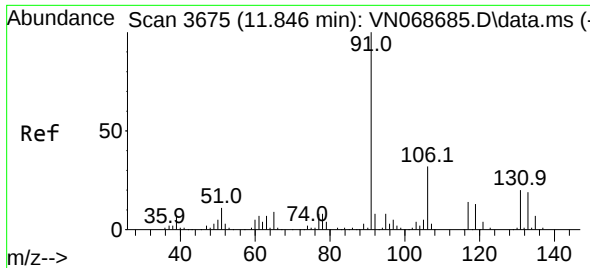
Tgt Ion: 98 Resp: 775785
Ion Ratio Lower Upper
98 100
100 64.4 51.4 77.2



#64
Chlorobenzene
Concen: 0.521 ug/l
RT: 11.773 min Scan# 3648
Delta R.T. 0.003 min
Lab File: VN068689.D
Acq: 26 Sep 2021 1:33

Tgt Ion: 112 Resp: 9870
Ion Ratio Lower Upper
112 100
114 32.5 25.2 37.8

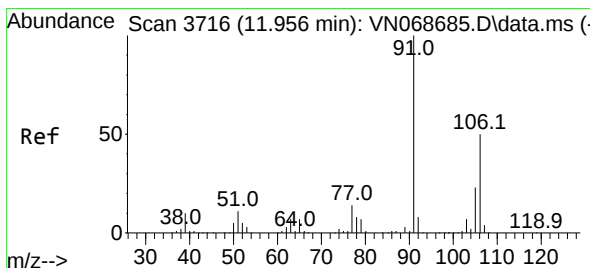
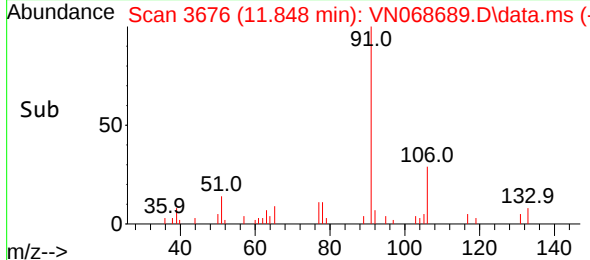
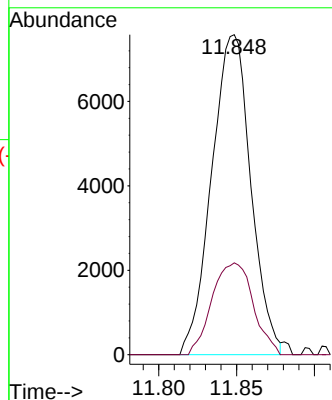
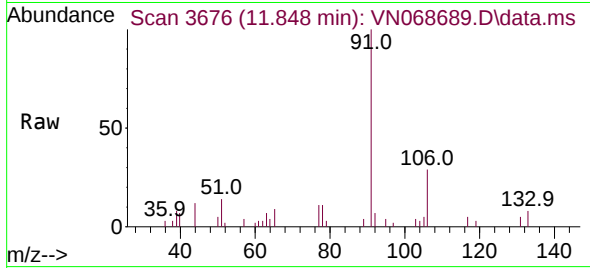




#66
Ethyl Benzene
Concen: 0.388 ug/l
RT: 11.848 min Scan# 3676
Delta R.T. 0.003 min
Lab File: VN068689.D
Acq: 26 Sep 2021 1:33

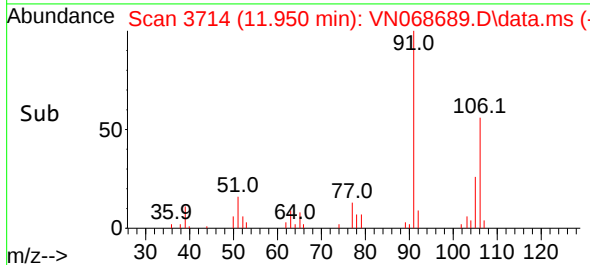
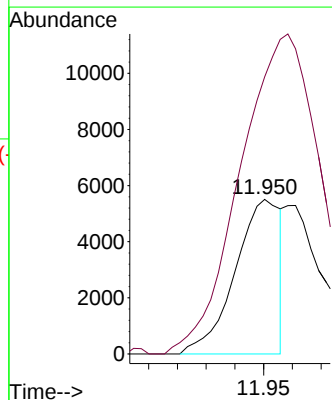
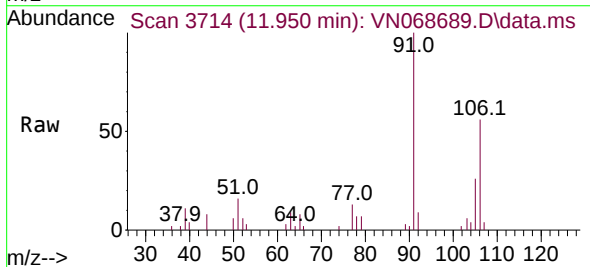
Instrument :
MSVOA_N
ClientSampled :
IBLK

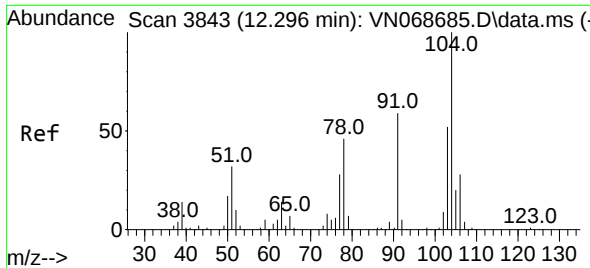
Tgt Ion: 91 Resp: 13264
Ion Ratio Lower Upper
91 100
106 28.7 25.4 38.2



#67
m/p-Xylenes
Concen: 0.470 ug/l
RT: 11.950 min Scan# 3714
Delta R.T. -0.005 min
Lab File: VN068689.D
Acq: 26 Sep 2021 1:33

Tgt Ion: 106 Resp: 6033
Ion Ratio Lower Upper
106 100
91 374.0 161.8 242.6#

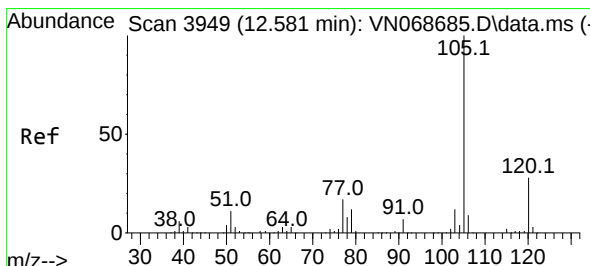
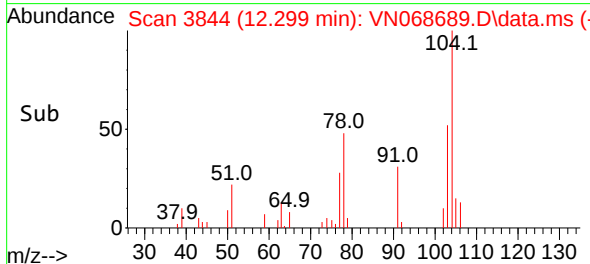
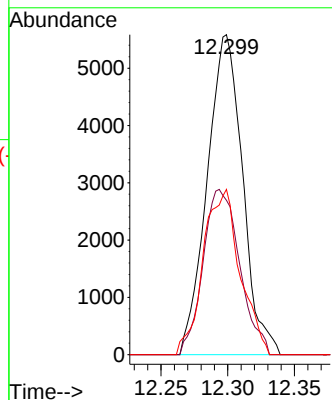
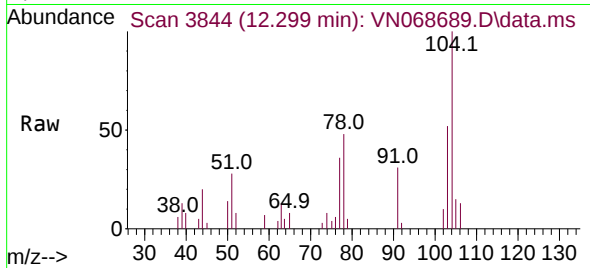




#69
Styrene
Concen: 0.517 ug/l
RT: 12.299 min Scan# 3844
Delta R.T. 0.003 min
Lab File: VN068689.D
Acq: 26 Sep 2021 1:33

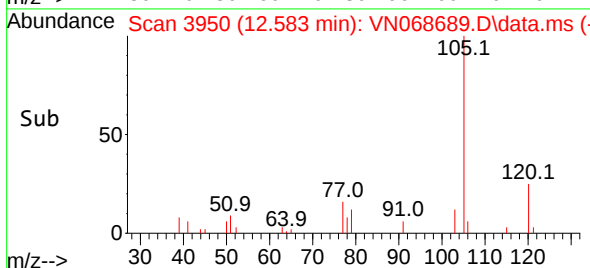
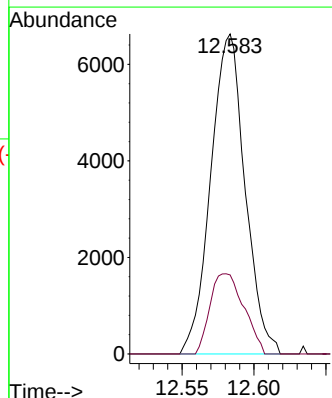
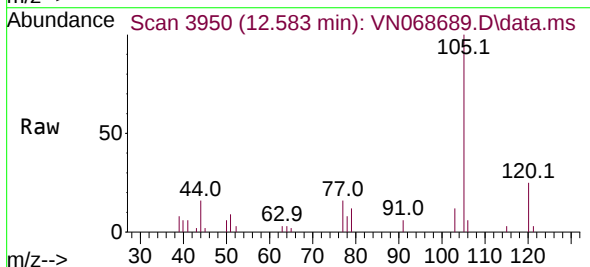
Instrument :
MSVOA_N
ClientSampled :
IBLK

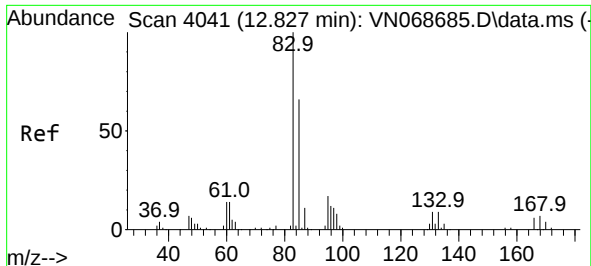
Tgt Ion:104 Resp: 10322
Ion Ratio Lower Upper
104 100
78 53.4 41.0 61.6
103 53.6 45.2 67.8



#70
Isopropylbenzene
Concen: 0.346 ug/l
RT: 12.583 min Scan# 3950
Delta R.T. 0.003 min
Lab File: VN068689.D
Acq: 26 Sep 2021 1:33

Tgt Ion:105 Resp: 10995
Ion Ratio Lower Upper
105 100
120 24.7 19.0 35.4

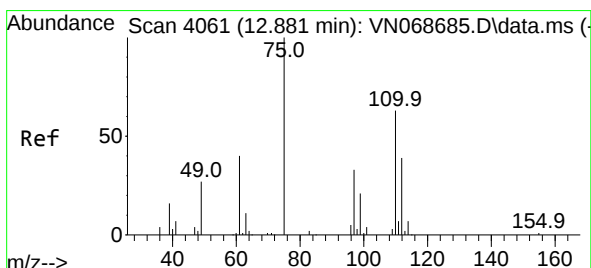
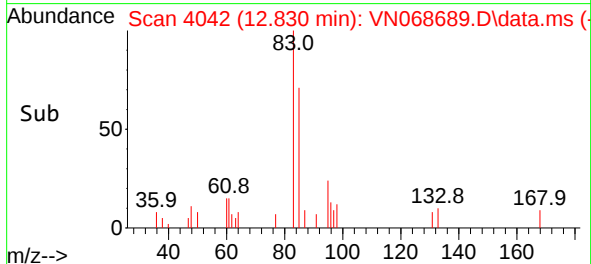
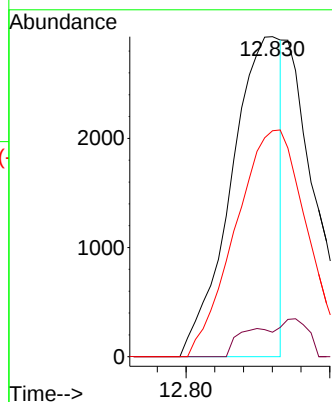
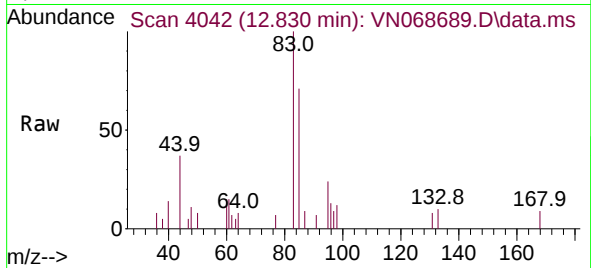




#71
1,1,2,2-Tetrachloroethane
Concen: 0.370 ug/l
RT: 12.830 min Scan# 4042
Delta R.T. 0.003 min
Lab File: VN068689.D
Acq: 26 Sep 2021 1:33

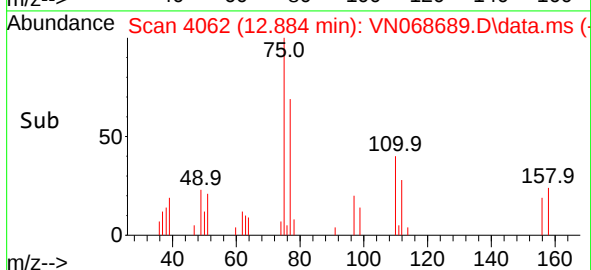
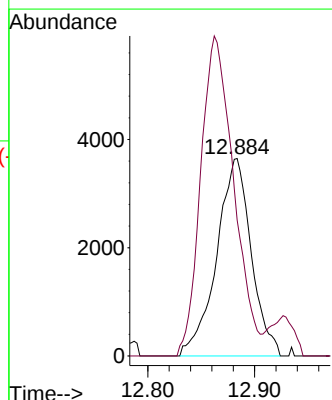
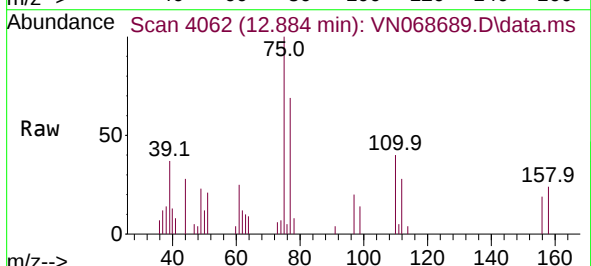
Instrument :
MSVOA_N
ClientSampled :
IBLK

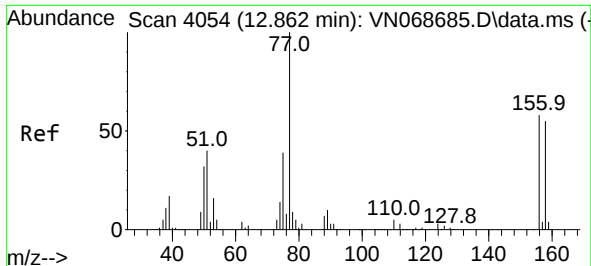
Tgt Ion: 83 Resp: 3545
Ion Ratio Lower Upper
83 100
131 6.7 4.9 14.6
85 101.3 32.0 96.2#



#72
1,2,3-Trichloropropane
Concen: 0.920 ug/l
RT: 12.884 min Scan# 4062
Delta R.T. 0.003 min
Lab File: VN068689.D
Acq: 26 Sep 2021 1:33

Tgt Ion: 75 Resp: 8219
Ion Ratio Lower Upper
75 100
77 153.9 0.0 356.6

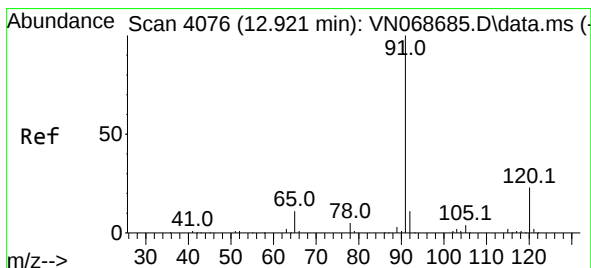
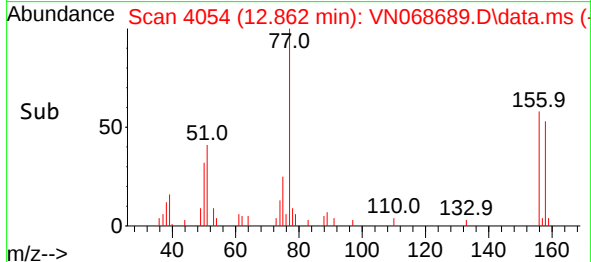
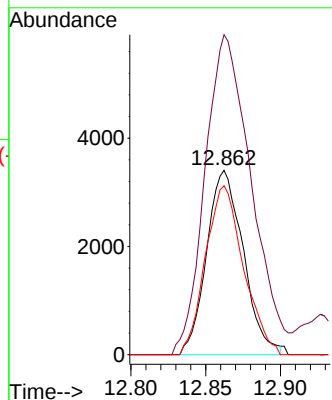
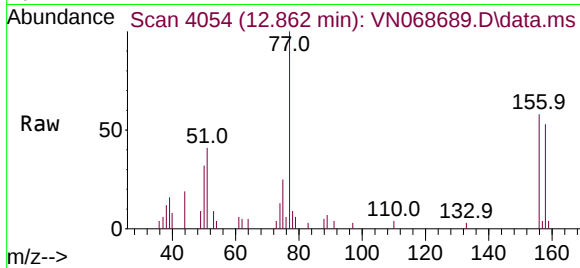




#73
Bromobenzene
Concen: 0.815 ug/l
RT: 12.862 min Scan# 4054
Delta R.T. 0.000 min
Lab File: VN068689.D
Acq: 26 Sep 2021 1:33

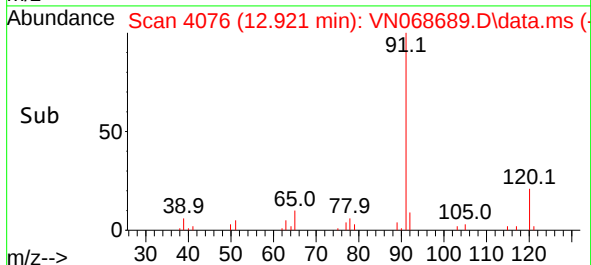
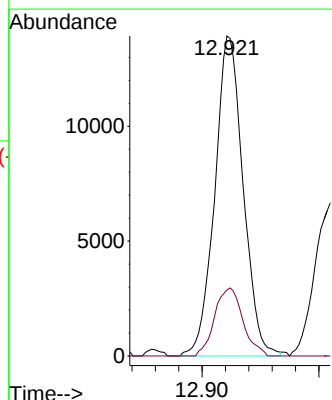
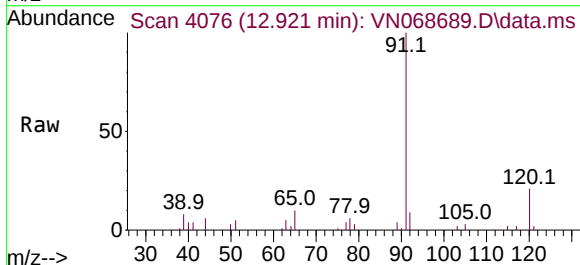
Instrument :
MSVOA_N
ClientSampled :
IBLK

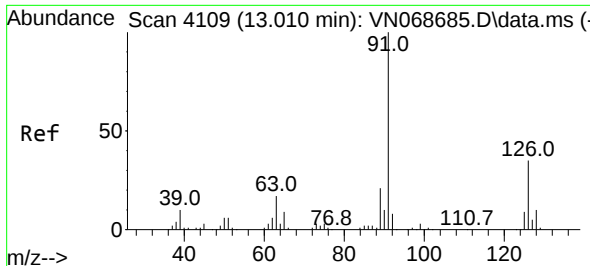
Tgt Ion:156 Resp: 5814
Ion Ratio Lower Upper
156 100
77 217.5 0.0 425.8
158 95.0 0.0 196.2



#74
n-propylbenzene
Concen: 0.651 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.000 min
Lab File: VN068689.D
Acq: 26 Sep 2021 1:33

Tgt Ion: 91 Resp: 23497
Ion Ratio Lower Upper
91 100
120 21.2 0.0 45.6

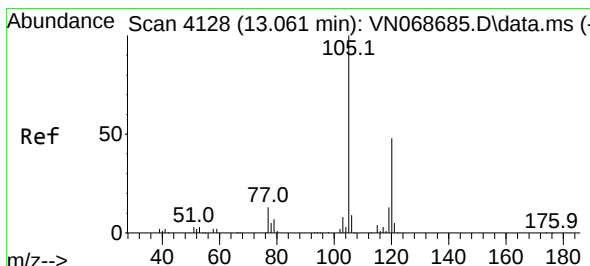
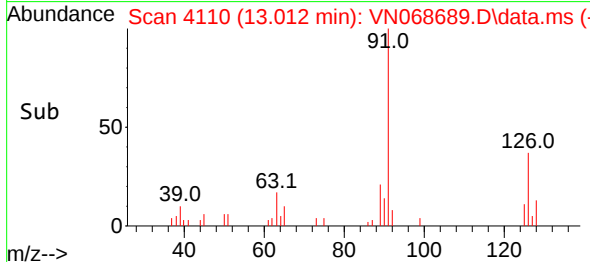
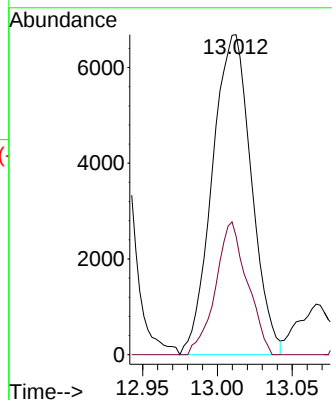
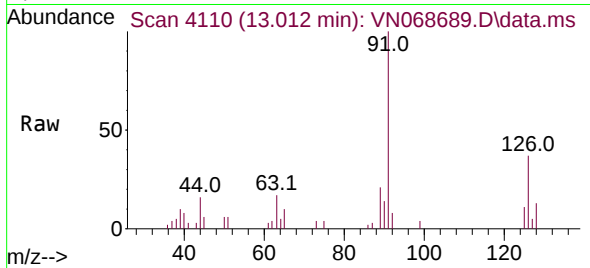




#75
2-Chlorotoluene
Concen: 0.560 ug/l
RT: 13.012 min Scan# 4110
Delta R.T. 0.003 min
Lab File: VN068689.D
Acq: 26 Sep 2021 1:33

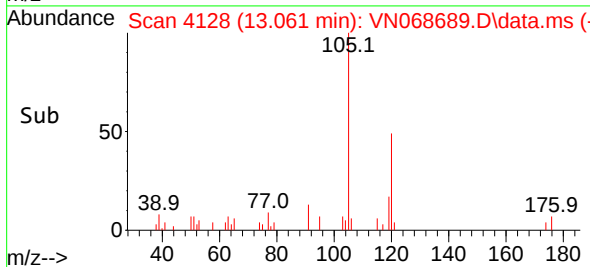
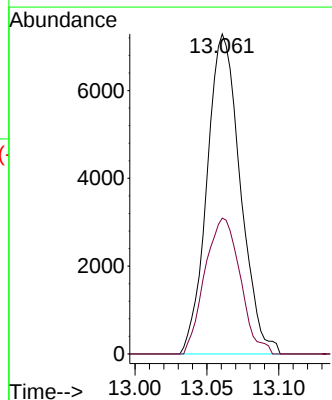
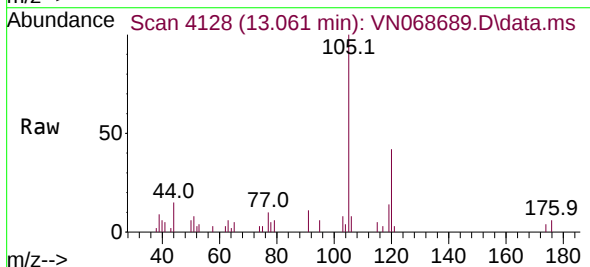
Instrument :
MSVOA_N
ClientSampled :
IBLK

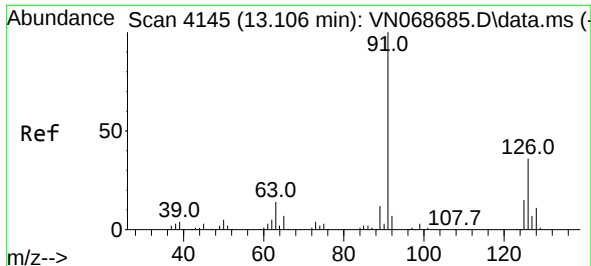
Tgt Ion: 91 Resp: 12152
Ion Ratio Lower Upper
91 100
126 33.7 0.0 68.6



#76
1,3,5-Trimethylbenzene
Concen: 0.461 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. 0.000 min
Lab File: VN068689.D
Acq: 26 Sep 2021 1:33

Tgt Ion: 105 Resp: 11749
Ion Ratio Lower Upper
105 100
120 45.0 0.0 98.0

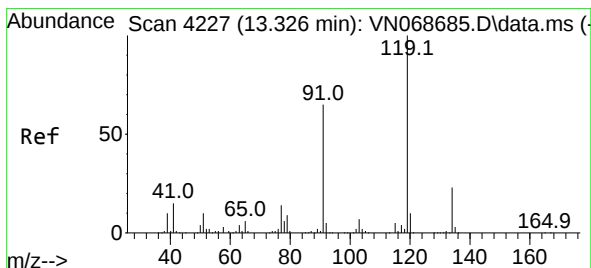
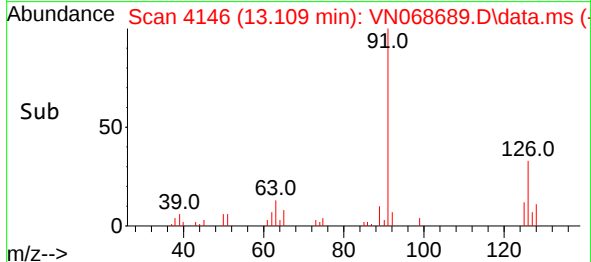
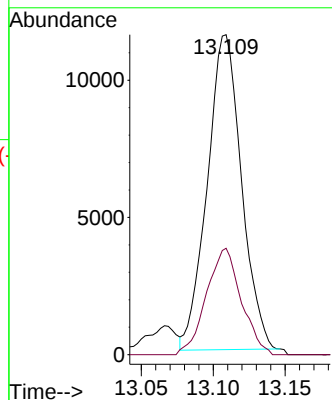
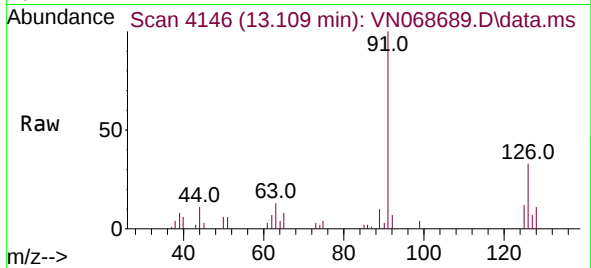




#78
4-Chlorotoluene
Concen: 0.923 ug/l
RT: 13.109 min Scan# 4146
Delta R.T. 0.003 min
Lab File: VN068689.D
Acq: 26 Sep 2021 1:33

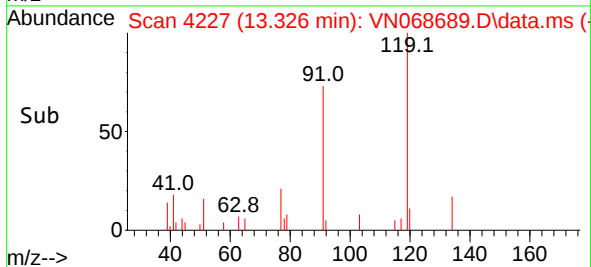
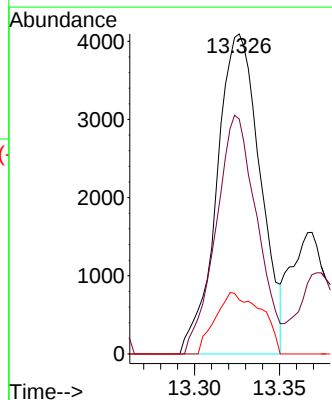
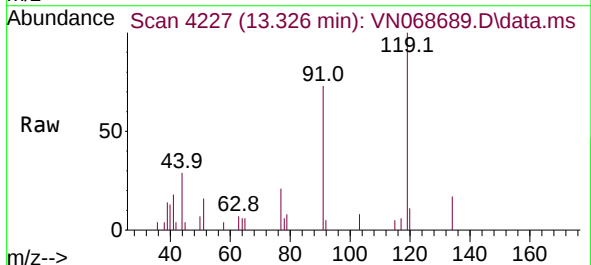
Instrument :
MSVOA_N
ClientSampled :
IBLK

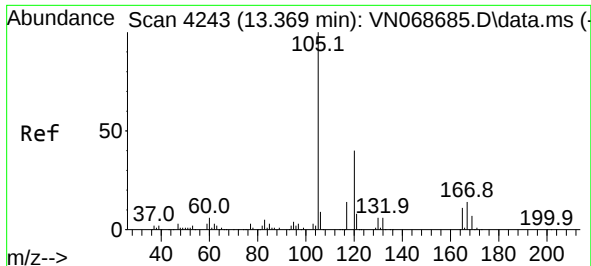
Tgt Ion: 91 Resp: 18988
Ion Ratio Lower Upper
91 100
126 34.3 0.0 68.2



#79
tert-butylbenzene
Concen: 0.331 ug/l
RT: 13.326 min Scan# 4227
Delta R.T. 0.000 min
Lab File: VN068689.D
Acq: 26 Sep 2021 1:33

Tgt Ion: 119 Resp: 7279
Ion Ratio Lower Upper
119 100
91 70.4 0.0 133.8
134 12.3 0.0 48.6

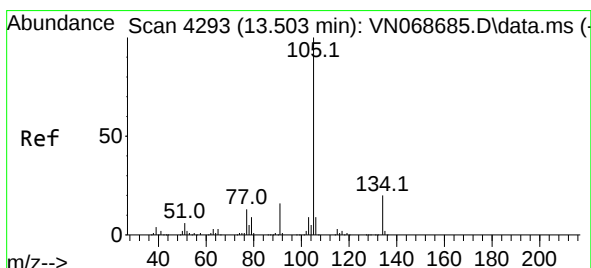
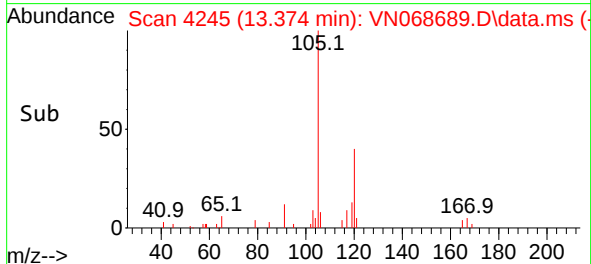
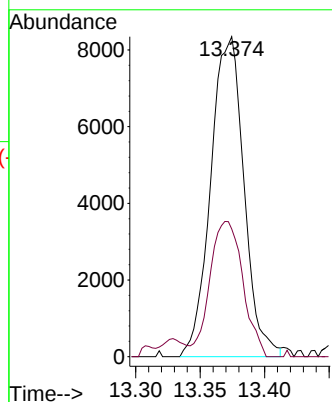
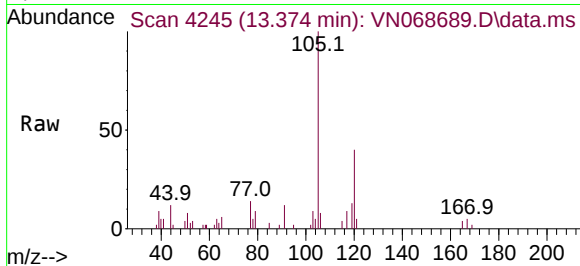




#80
1,2,4-Trimethylbenzene
Concen: 0.619 ug/l
RT: 13.374 min Scan# 4245
Delta R.T. 0.005 min
Lab File: VN068689.D
Acq: 26 Sep 2021 1:33

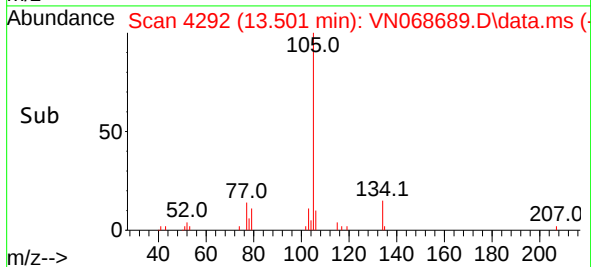
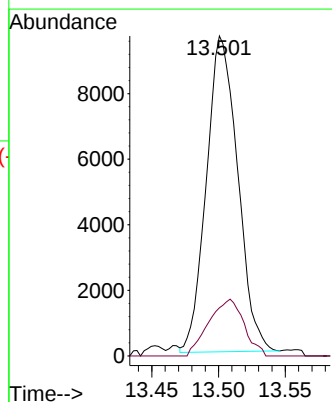
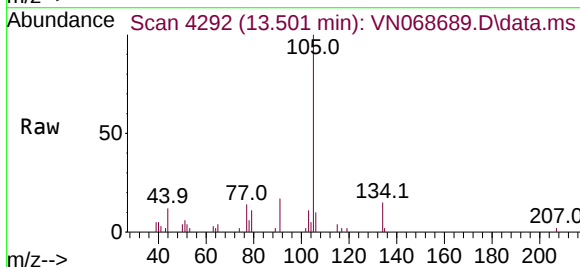
Instrument :
MSVOA_N
ClientSampled :
IBLK

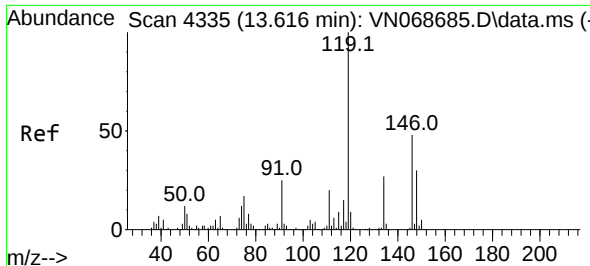
Tgt Ion:105 Resp: 14972
Ion Ratio Lower Upper
105 100
120 41.9 0.0 0.2#



#81
sec-Butylbenzene
Concen: 0.521 ug/l
RT: 13.501 min Scan# 4292
Delta R.T. -0.003 min
Lab File: VN068689.D
Acq: 26 Sep 2021 1:33

Tgt Ion:105 Resp: 15725
Ion Ratio Lower Upper
105 100
134 20.1 0.0 39.4

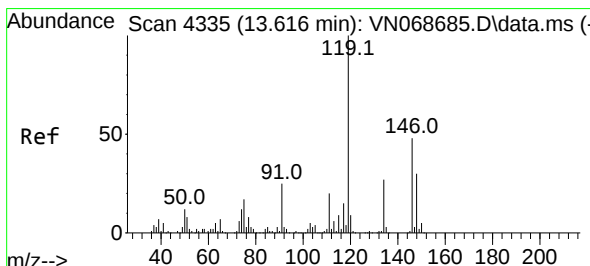
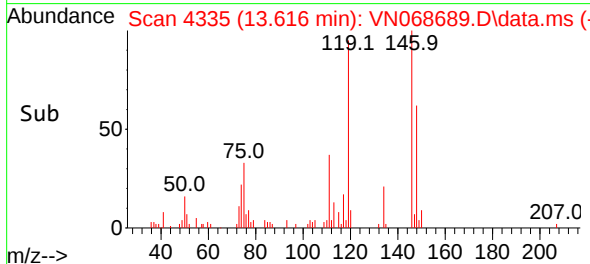
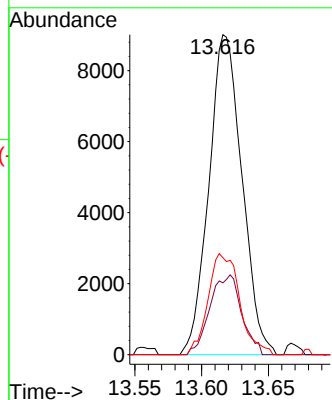
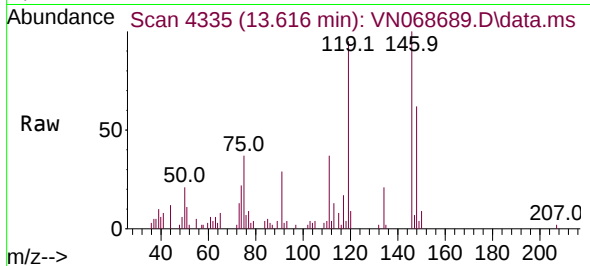




#82
p-Isopropyltoluene
Concen: 0.644 ug/l
RT: 13.616 min Scan# 4335
Delta R.T. 0.000 min
Lab File: VN068689.D
Acq: 26 Sep 2021 1:33

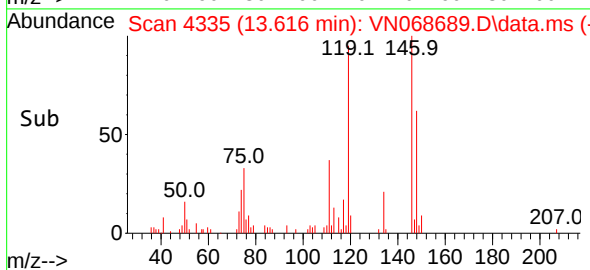
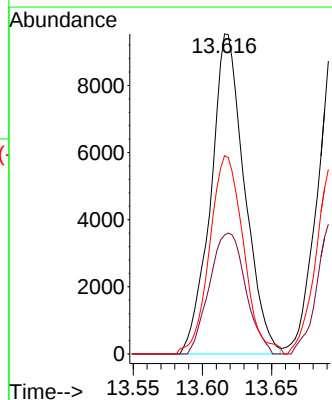
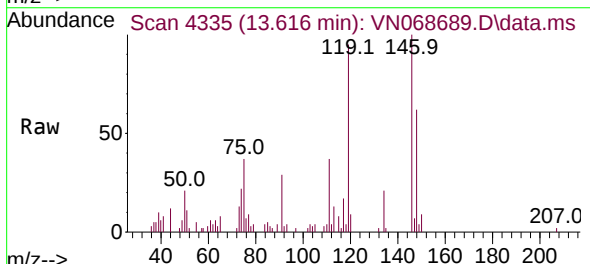
Instrument :
MSVOA_N
ClientSampled :
IBLK

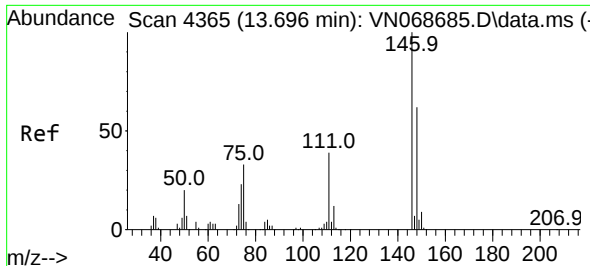
Tgt Ion:	119	Resp:	15522
Ion Ratio	Lower	Upper	
119	100		
134	23.9	0.0	53.6
91	30.2	0.0	49.2



#83
1,3-Dichlorobenzene
Concen: 1.369 ug/l
RT: 13.616 min Scan# 4335
Delta R.T. 0.000 min
Lab File: VN068689.D
Acq: 26 Sep 2021 1:33

Tgt Ion:	146	Resp:	16173
Ion Ratio	Lower	Upper	
146	100		
111	40.4	20.4	61.3
148	61.9	31.8	95.3

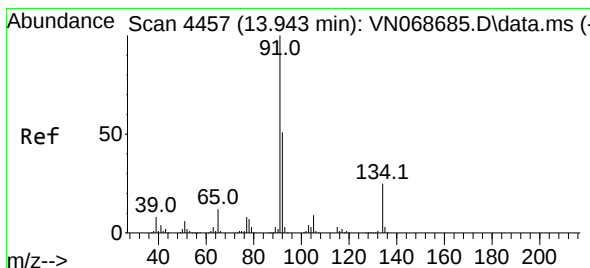
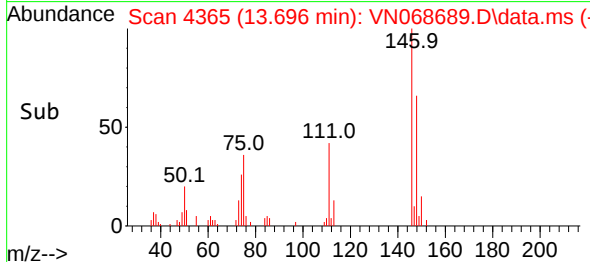
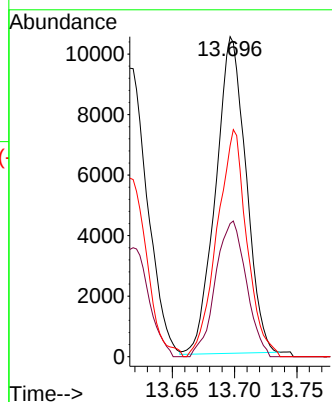
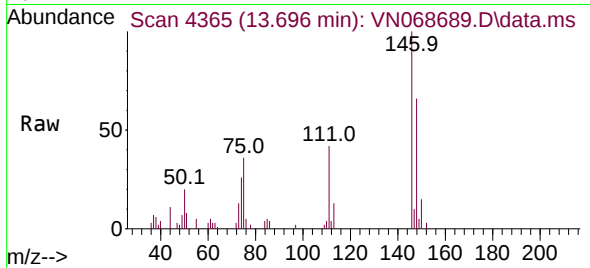




#84
1,4-Dichlorobenzene
Concen: 1.550 ug/l
RT: 13.696 min Scan# 4365
Delta R.T. 0.000 min
Lab File: VN068689.D
Acq: 26 Sep 2021 1:33

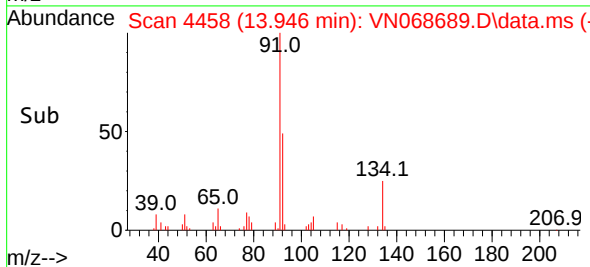
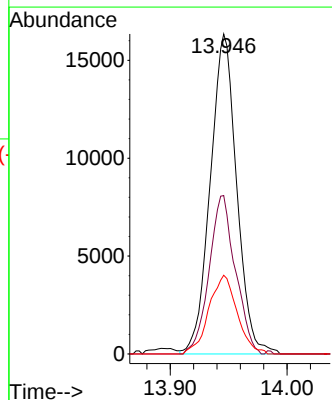
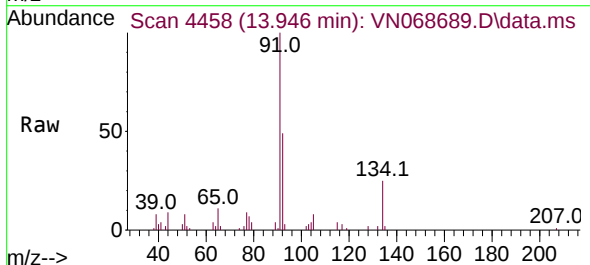
Instrument :
MSVOA_N
ClientSampled :
IBLK

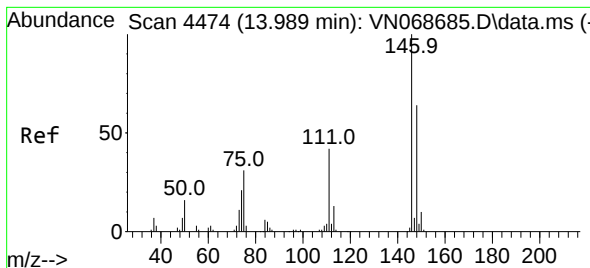
Tgt Ion:146 Resp: 17715
Ion Ratio Lower Upper
146 100
111 43.4 19.6 58.8
148 70.5 31.8 95.4



#85
n-Butylbenzene
Concen: 1.291 ug/l
RT: 13.946 min Scan# 4458
Delta R.T. 0.003 min
Lab File: VN068689.D
Acq: 26 Sep 2021 1:33

Tgt Ion: 91 Resp: 25712
Ion Ratio Lower Upper
91 100
92 49.1 0.0 101.6
134 26.3 0.0 49.6



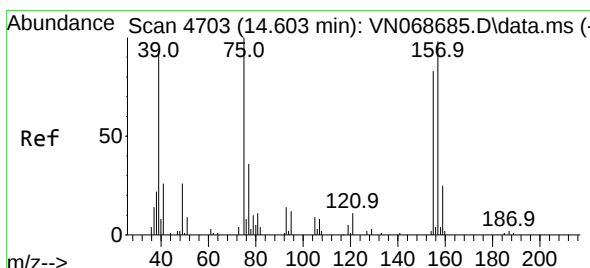
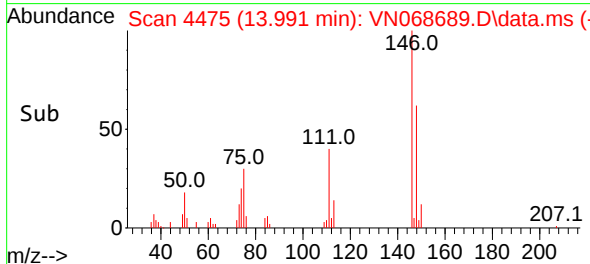
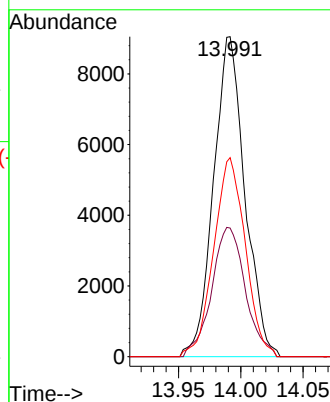
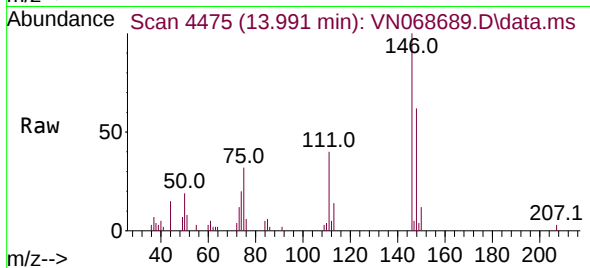


#87

1,2-Dichlorobenzene
Concen: 1.373 ug/l
RT: 13.991 min Scan# 4475
Delta R.T. 0.003 min
Lab File: VN068689.D
Acq: 26 Sep 2021 1:33

Instrument :
MSVOA_N
ClientSampled :
IBLK

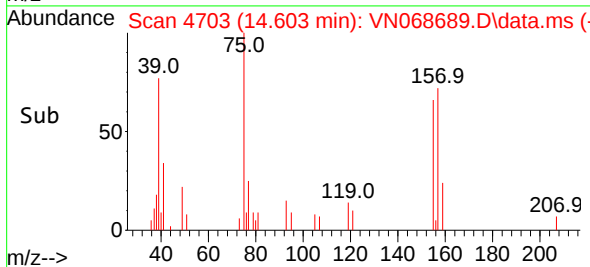
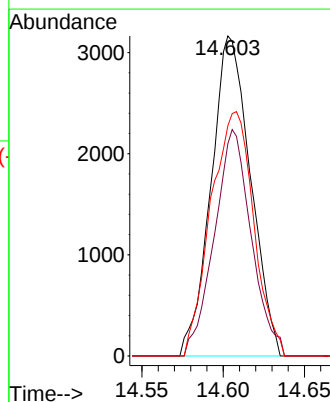
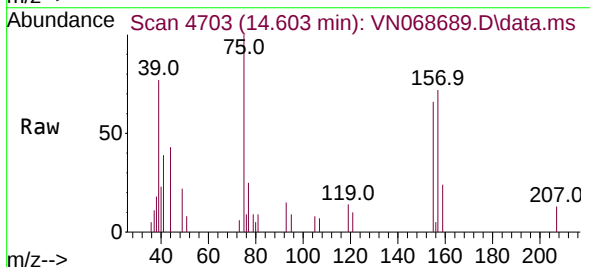
Tgt Ion:	146	Resp:	15812
Ion Ratio	Lower	Upper	
146	100		
111	43.4	21.5	64.5
148	62.8	31.9	95.9

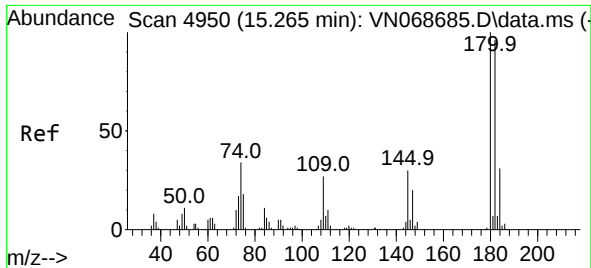


#88

1,2-Dibromo-3-Chloropropane
Concen: 3.110 ug/l
RT: 14.603 min Scan# 4703
Delta R.T. 0.000 min
Lab File: VN068689.D
Acq: 26 Sep 2021 1:33

Tgt Ion:	75	Resp:	5334
Ion Ratio	Lower	Upper	
75	100		
155	66.3	63.2	94.8
157	83.0	78.6	117.8

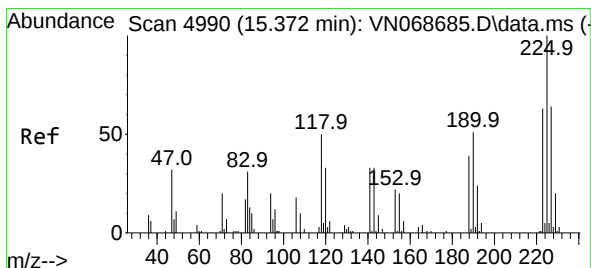
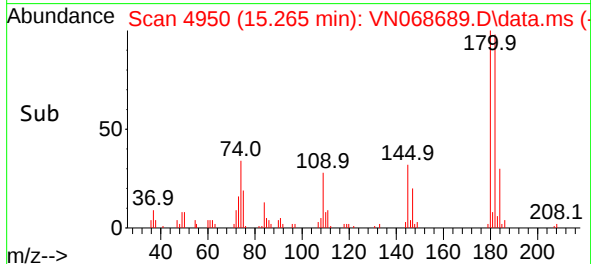
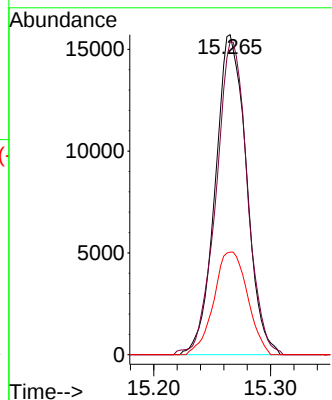
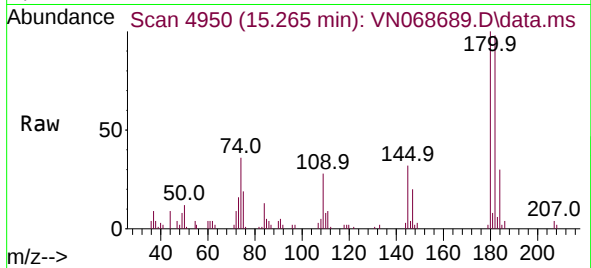




#89
1,2,4-Trichlorobenzene
Concen: 5.112 ug/l
RT: 15.265 min Scan# 4950
Delta R.T. 0.000 min
Lab File: VN068689.D
Acq: 26 Sep 2021 1:33

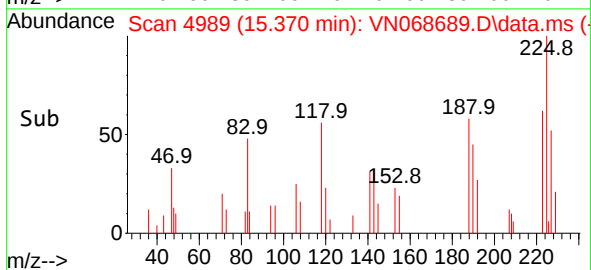
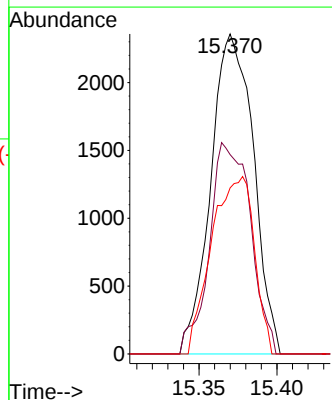
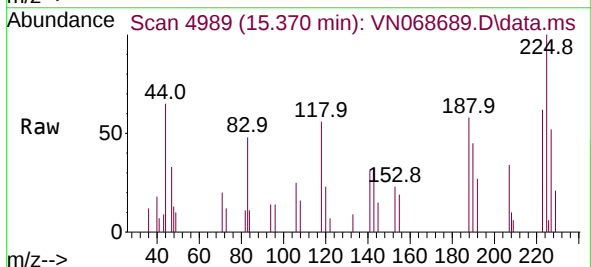
Instrument :
MSVOA_N
ClientSampled :
IBLK

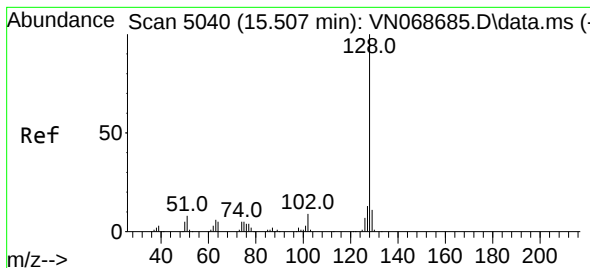
Tgt Ion:180 Resp: 29089
Ion Ratio Lower Upper
180 100
182 98.0 75.6 113.4
145 34.7 24.5 36.7



#90
Hexachlorobutadiene
Concen: 1.528 ug/l
RT: 15.370 min Scan# 4989
Delta R.T. -0.003 min
Lab File: VN068689.D
Acq: 26 Sep 2021 1:33

Tgt Ion:225 Resp: 4485
Ion Ratio Lower Upper
225 100
223 63.7 0.0 129.4
227 55.6 0.0 127.0

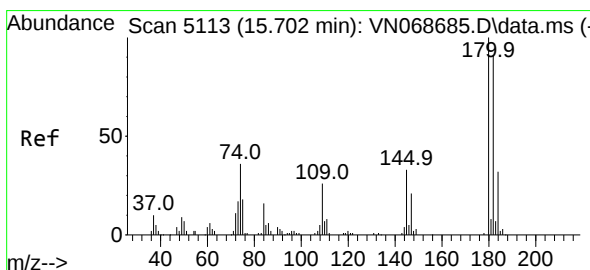
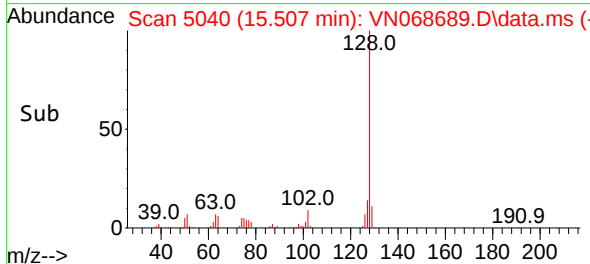
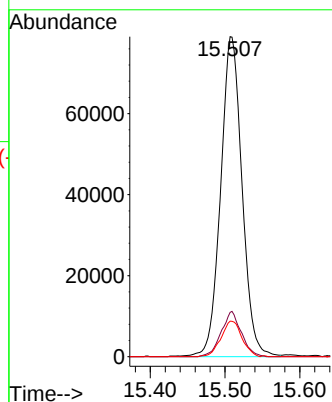
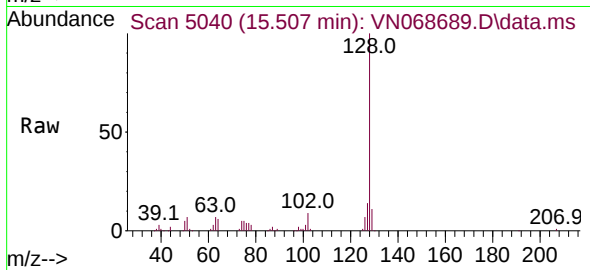




#91
Naphthalene
Concen: 10.078 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. 0.000 min
Lab File: VN068689.D
Acq: 26 Sep 2021 1:33

Instrument :
MSVOA_N
ClientSampled :
IBLK

Tgt Ion:128 Resp: 157168
Ion Ratio Lower Upper
128 100
127 13.3 10.9 16.3
129 10.9 9.0 13.6



#92
1,2,3-Trichlorobenzene
Concen: 7.351 ug/l
RT: 15.700 min Scan# 5112
Delta R.T. -0.003 min
Lab File: VN068689.D
Acq: 26 Sep 2021 1:33

Tgt Ion:180 Resp: 40190
Ion Ratio Lower Upper
180 100
182 95.3 0.0 190.0
145 34.3 0.0 66.8

