

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092721\
 Data File : VN068704.D
 Acq On : 27 Sep 2021 14:11
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Sep 28 05:28:09 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N092721W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Sep 27 14:37:57 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.662	128	71864	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.971	114	406481	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.746	117	339371	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.440	65	183553	27.669	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	92.233%
60) 4-Bromofluorobenzene	12.733	95	136105	22.434	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	74.767%
63) Toluene-d8	10.443	98	494570	31.206	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	104.033%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.073	85	1856	0.445	ug/l	87
3) Chloromethane	2.306	50	1713	0.320	ug/l #	88
4) Vinyl Chloride	2.445	62	1531	0.232	ug/l #	84
5) Bromomethane	2.872	94	4107	0.900	ug/l	81
7) Trichlorofluoromethane	3.376	101	1674	0.216	ug/l	93
11) Methyl Iodide	4.433	142	3872	0.767	ug/l	94
13) Acrolein	4.039	56	763	2.916	ug/l #	47
14) Acrylonitrile	5.565	53	4381	1.740	ug/l #	51
15) Acetone	4.288	58	293	0.426	ug/l #	18
16) Carbon Disulfide	4.537	76	12729	1.146	ug/l	97
18) Methylene Chloride	5.095	84	6074	1.257	ug/l	97
19) trans-1,2-Dichloroethene	5.594	96	1211	0.277	ug/l #	76
22) cis-1,2-Dichloroethene	7.327	96	1632	0.308	ug/l #	1
29) 1,1-Dichloropropene	8.225	75	2538	0.324	ug/l	57
30) 2-Butanone	7.348	43	8523	2.275	ug/l #	71
36) 1,2-Dichloroethane	8.534	62	2259	0.274	ug/l #	84
37) Trichloroethene	9.217	130	2329	0.443	ug/l #	66
40) Dibromomethane	9.577	93	1500	0.358	ug/l	62
45) 1,4-Dioxane	9.558	88	217	2.219	ug/l #	1
48) t-1,3-Dichloropropene	10.719	75	2380	0.262	ug/l #	81
50) 1,1,2-Trichloroethane	10.904	97	1150	0.205	ug/l #	88
51) Ethyl methacrylate	10.762	69	2659	0.301	ug/l	88
52) 1,3-Dichloropropane	11.049	76	1826	0.200	ug/l	97
54) 1,2-Dibromoethane	11.344	107	1251	0.215	ug/l #	74
55) 2-Chloroethyl vinyl ether	10.043	63	4871	1.918	ug/l #	91
56) Bromoform	12.460	173	1001	0.214	ug/l #	82
58) 4-Methyl-2-Pentanone	10.333	43	13929	1.887	ug/l #	87
59) 2-Hexanone	11.089	43	27339	4.940	ug/l	96
61) Tetrachloroethene	10.985	164	2311	0.552	ug/l	95
62) Toluene	10.507	91	5385	0.248	ug/l	86
64) Chlorobenzene	11.771	112	5851	0.468	ug/l	96
66) Ethyl Benzene	11.848	91	9161	0.369	ug/l	94
67) m/p-Xylenes	11.958	106	7417	0.783	ug/l	98
68) o-Xylene	12.286	106	2287	0.233	ug/l	72
69) Styrene	12.296	104	6527	0.394	ug/l	99
70) Isopropylbenzene	12.581	105	7319	0.288	ug/l #	74
71) 1,1,2,2-Tetrachloroethane	12.830	83	4185	0.577	ug/l	92
72) 1,2,3-Trichloropropane	12.878	75	5681	0.821	ug/l	75
73) Bromobenzene	12.860	156	3756	0.663	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092721\
 Data File : VN068704.D
 Acq On : 27 Sep 2021 14:11
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Sep 28 05:28:09 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N092721W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Sep 27 14:37:57 2021
 Response via : Initial Calibration

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

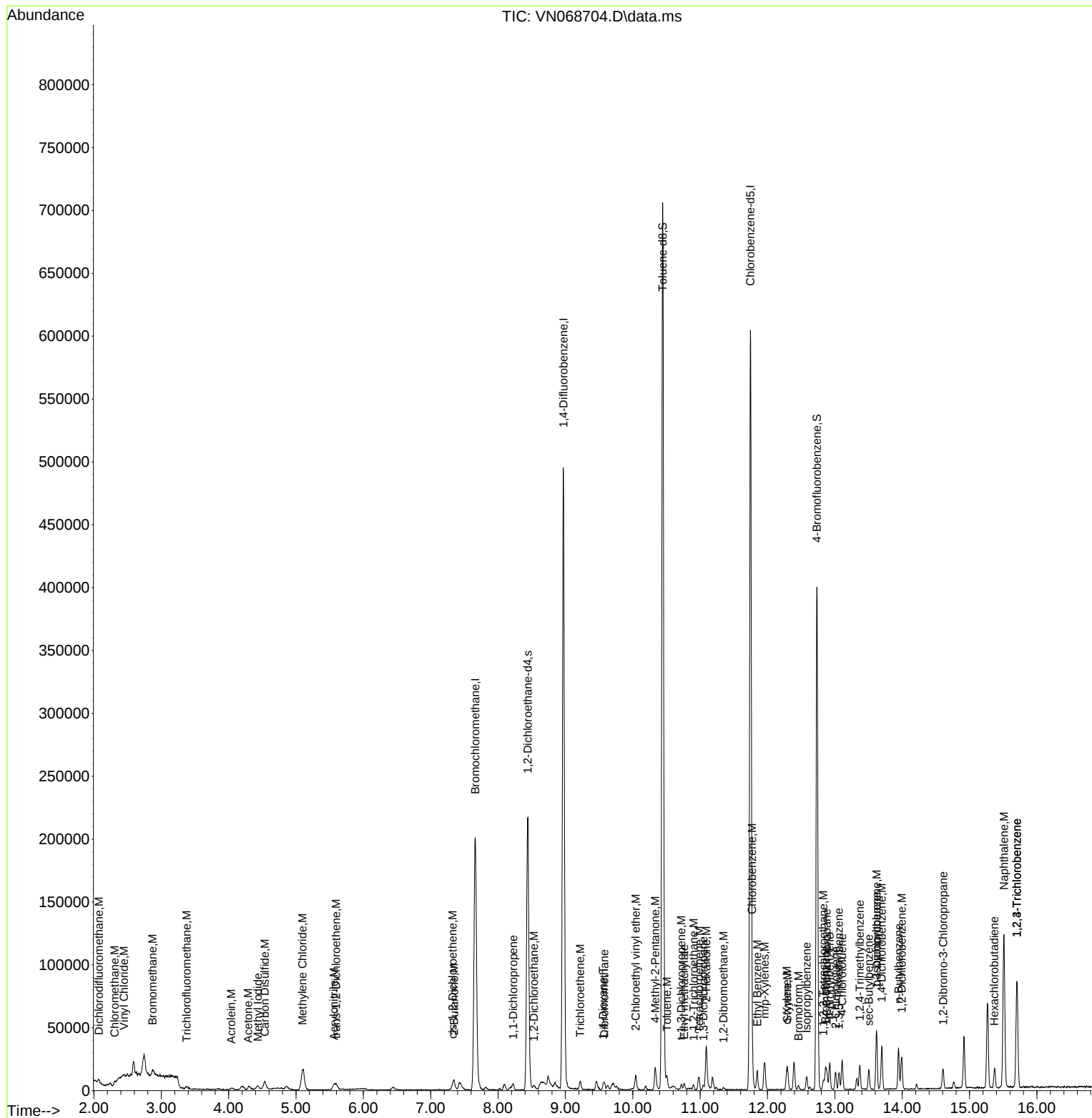
74) n-propylbenzene	12.924	91	16984	0.583	ug/l	96
75) 2-Chlorotoluene	13.015	91	8917	0.532	ug/l	91
76) 1,3,5-Trimethylbenzene	13.058	105	7843	0.395	ug/l	93
78) 4-Chlorotoluene	13.109	91	13366	0.822	ug/l	100
80) 1,2,4-Trimethylbenzene	13.369	105	9448	0.522	ug/l #	79
81) sec-Butylbenzene	13.506	105	10805	0.487	ug/l	94
82) p-Isopropyltoluene	13.619	119	11768	0.592	ug/l	85
83) 1,3-Dichlorobenzene	13.621	146	11581	1.216	ug/l	99
84) 1,4-Dichlorobenzene	13.696	146	12846	1.467	ug/l	97
85) n-Butylbenzene	13.946	91	18163	1.147	ug/l	89
87) 1,2-Dichlorobenzene	13.994	146	11146	1.297	ug/l	96
88) 1,2-Dibromo-3-Chloropr...	14.608	75	4210	3.070	ug/l	89
89) 1,2,4-Trichlorobenzene	15.702	180	29653	6.880	ug/l	97
90) Hexachlorobutadiene	15.367	225	1518	0.638	ug/l #	14
91) Naphthalene	15.509	128	114571	10.221	ug/l	99
92) 1,2,3-Trichlorobenzene	15.702	180	29653	7.228	ug/l	98

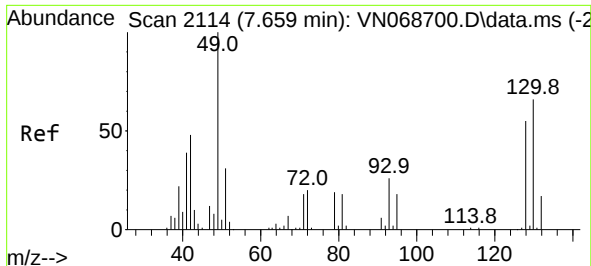
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092721\
 Data File : VN068704.D
 Acq On : 27 Sep 2021 14:11
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Sep 28 05:28:09 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N092721W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Sep 27 14:37:57 2021
 Response via : Initial Calibration

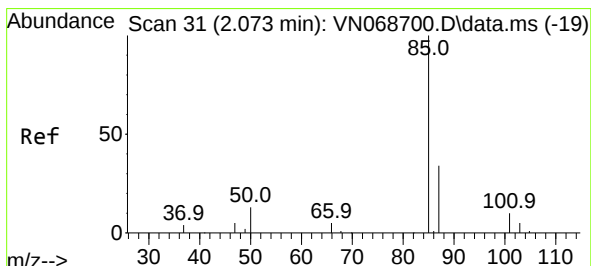
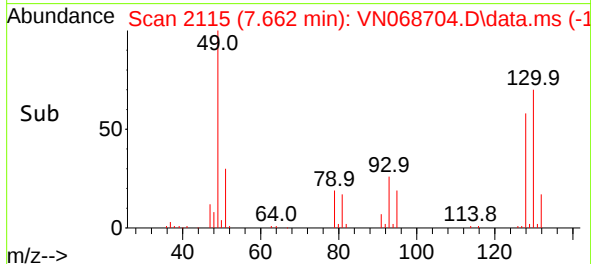
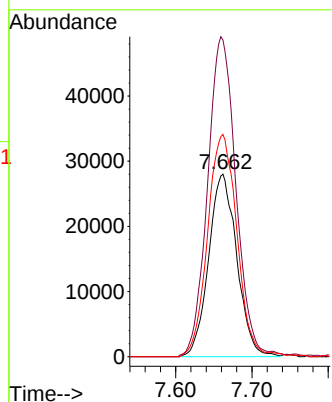
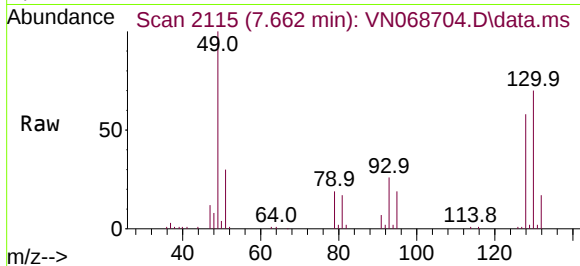




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.662 min Scan# 2115
Delta R.T. 0.003 min
Lab File: VN068704.D
Acq: 27 Sep 2021 14:11

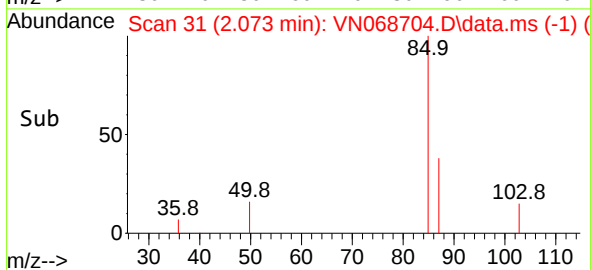
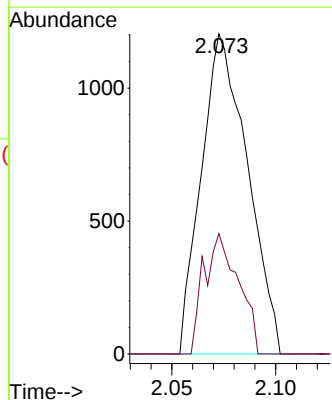
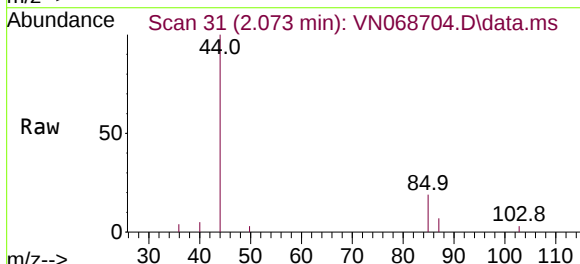
Instrument :
MSVOA_N
ClientSampled :
IBLK

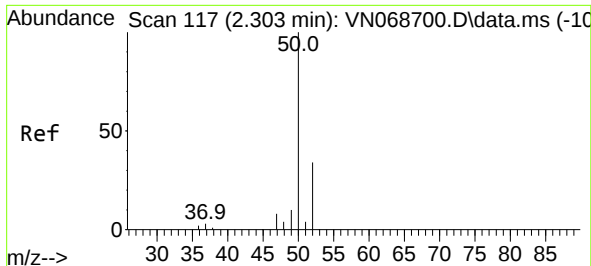
Tgt Ion:128 Resp: 71864
Ion Ratio Lower Upper
128 100
49 175.2 0.0 450.0
130 125.8 0.0 319.5



#2
Dichlorodifluoromethane
Concen: 0.445 ug/l
RT: 2.073 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN068704.D
Acq: 27 Sep 2021 14:11

Tgt Ion: 85 Resp: 1856
Ion Ratio Lower Upper
85 100
87 37.6 15.3 45.9

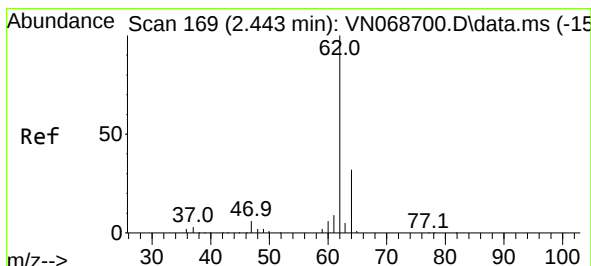
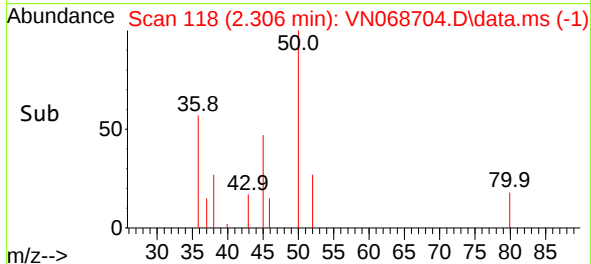
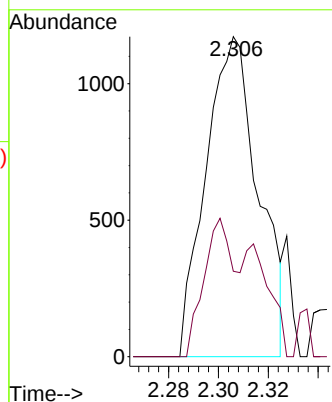
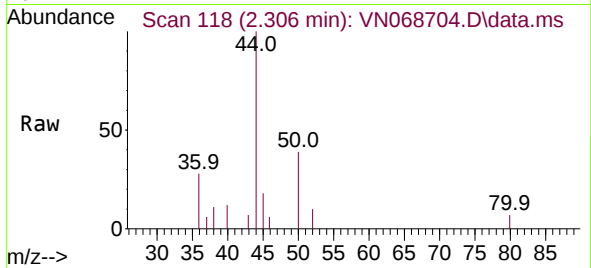




#3
Chloromethane
Concen: 0.320 ug/l
RT: 2.306 min Scan# 118
Delta R.T. 0.003 min
Lab File: VN068704.D
Acq: 27 Sep 2021 14:11

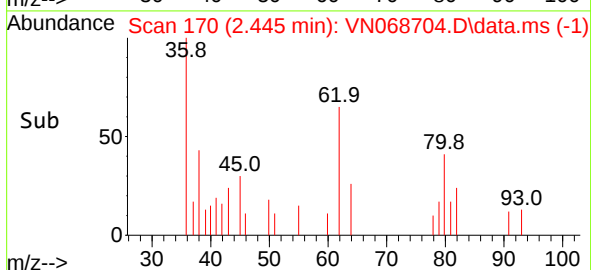
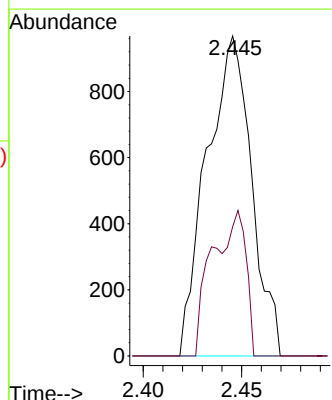
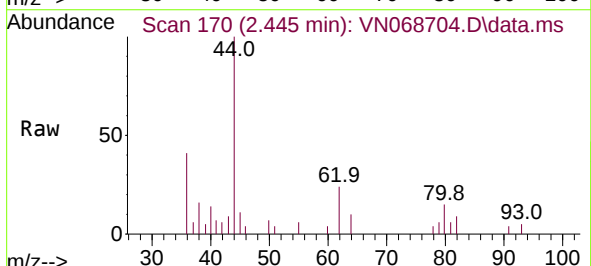
Instrument :
MSVOA_N
ClientSampled :
IBLK

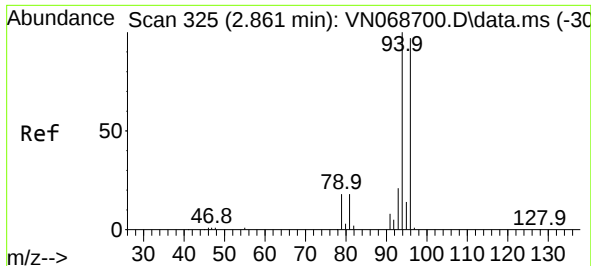
Tgt Ion: 50 Resp: 1713
Ion Ratio Lower Upper
50 100
52 26.7 27.0 40.6#



#4
Vinyl Chloride
Concen: 0.232 ug/l
RT: 2.445 min Scan# 170
Delta R.T. 0.003 min
Lab File: VN068704.D
Acq: 27 Sep 2021 14:11

Tgt Ion: 62 Resp: 1531
Ion Ratio Lower Upper
62 100
64 40.4 25.2 37.8#

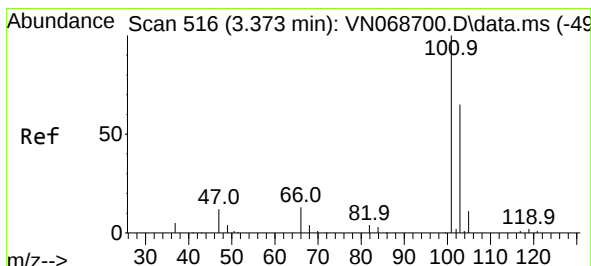
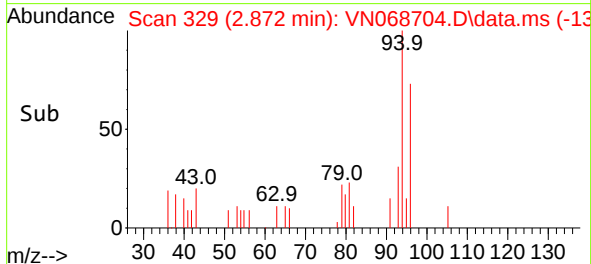
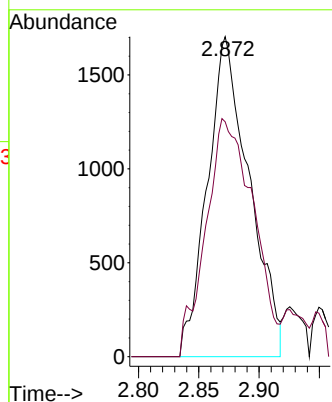
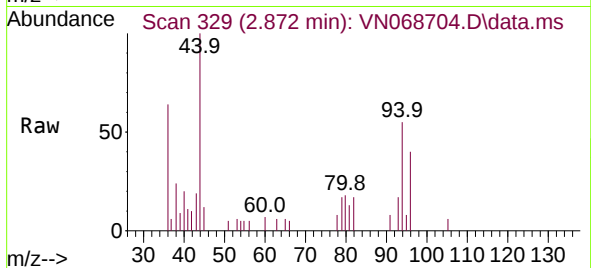




#5
Bromomethane
Concen: 0.900 ug/l
RT: 2.872 min Scan# 329
Delta R.T. 0.011 min
Lab File: VN068704.D
Acq: 27 Sep 2021 14:11

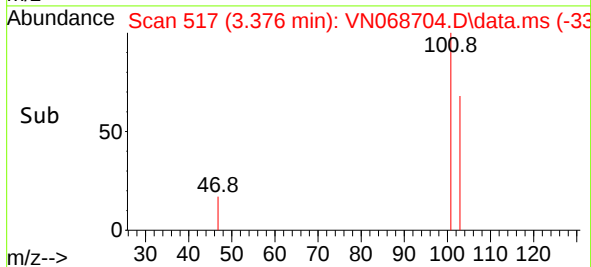
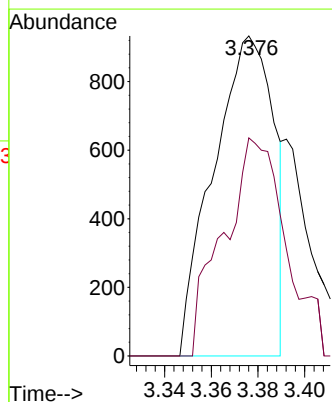
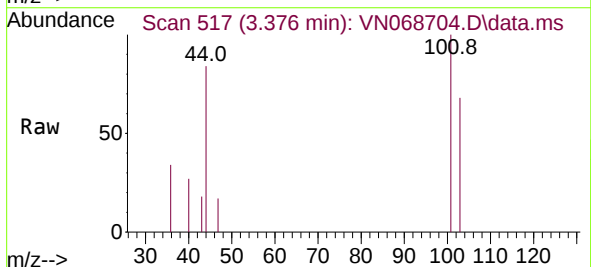
Instrument :
MSVOA_N
ClientSampled :
IBLK

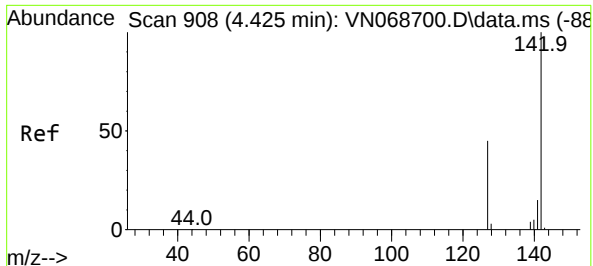
Tgt Ion: 94 Resp: 4107
Ion Ratio Lower Upper
94 100
96 73.4 73.0 109.4



#7
Trichlorofluoromethane
Concen: 0.216 ug/l
RT: 3.376 min Scan# 517
Delta R.T. 0.003 min
Lab File: VN068704.D
Acq: 27 Sep 2021 14:11

Tgt Ion:101 Resp: 1674
Ion Ratio Lower Upper
101 100
103 68.2 50.2 75.2

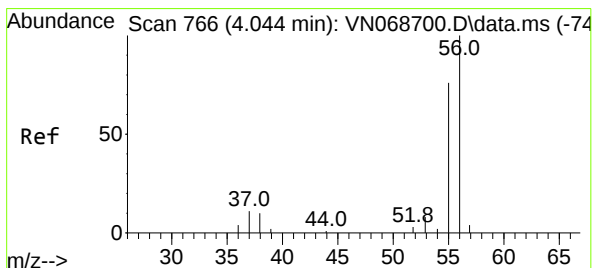
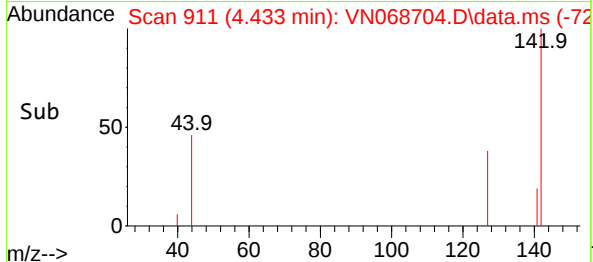
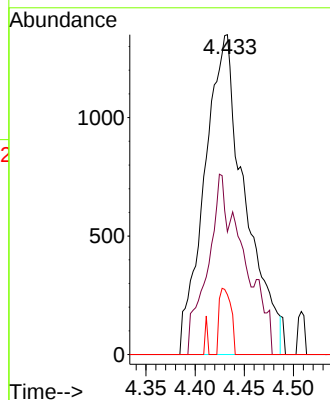
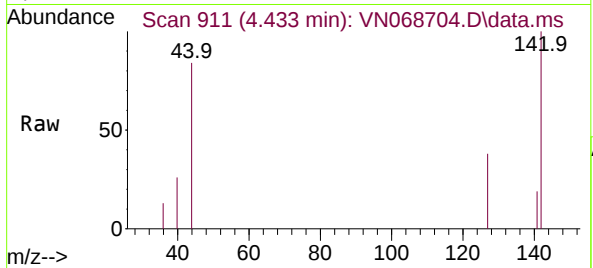




#11
Methyl Iodide
Concen: 0.767 ug/l
RT: 4.433 min Scan# 911
Delta R.T. 0.008 min
Lab File: VN068704.D
Acq: 27 Sep 2021 14:11

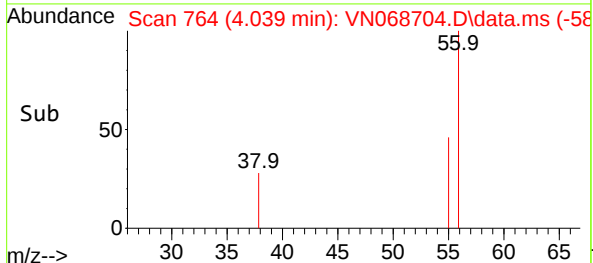
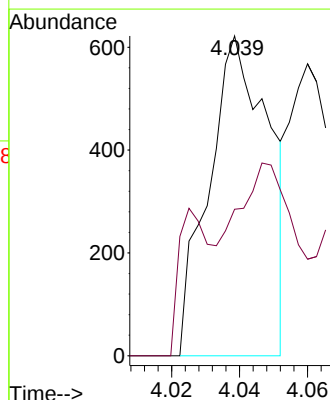
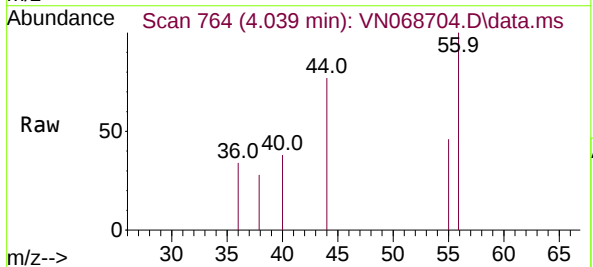
Instrument :
MSVOA_N
ClientSampled :
IBLK

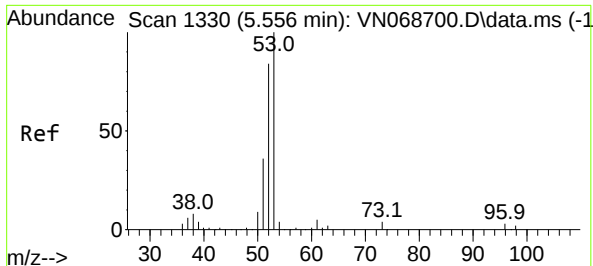
Tgt Ion:142 Resp: 3872
Ion Ratio Lower Upper
142 100
127 40.8 22.1 66.5
141 19.9 8.2 24.6



#13
Acrolein
Concen: 2.916 ug/l
RT: 4.039 min Scan# 764
Delta R.T. -0.005 min
Lab File: VN068704.D
Acq: 27 Sep 2021 14:11

Tgt Ion: 56 Resp: 763
Ion Ratio Lower Upper
56 100
55 60.9 25.4 38.0#

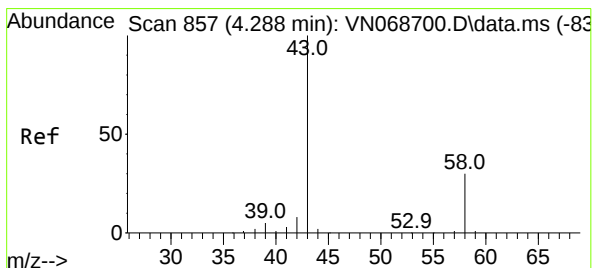
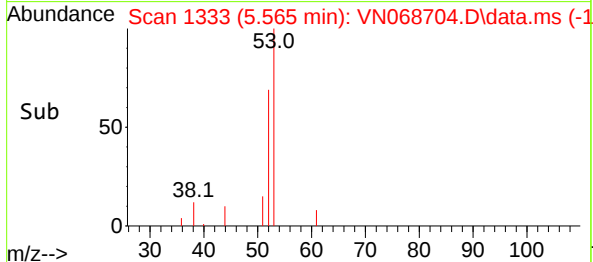
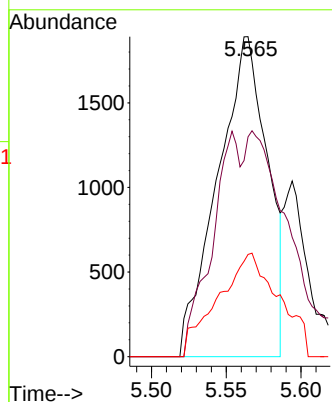
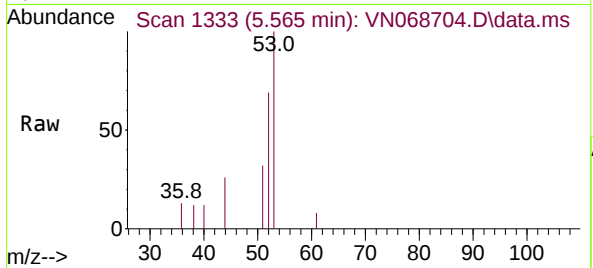




#14
Acrylonitrile
Concen: 1.740 ug/l
RT: 5.565 min Scan# 1333
Delta R.T. 0.008 min
Lab File: VN068704.D
Acq: 27 Sep 2021 14:11

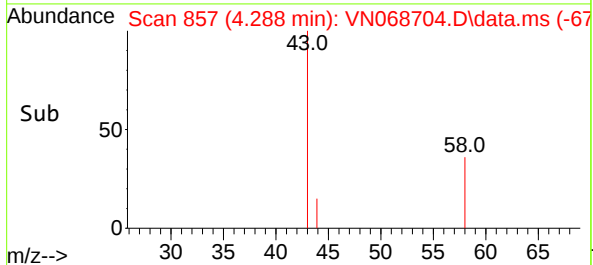
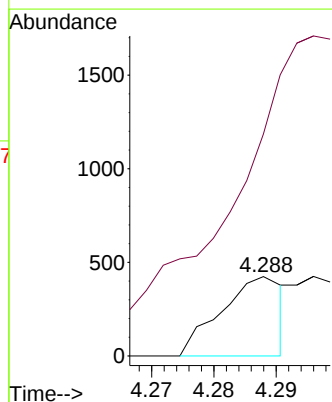
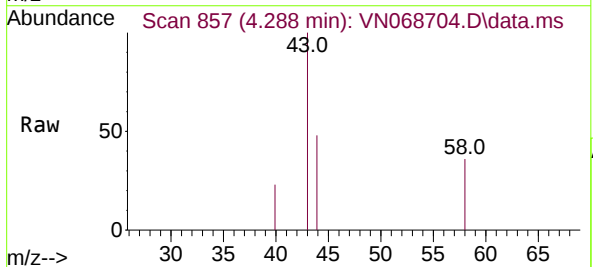
Instrument :
MSVOA_N
ClientSampled :
IBLK

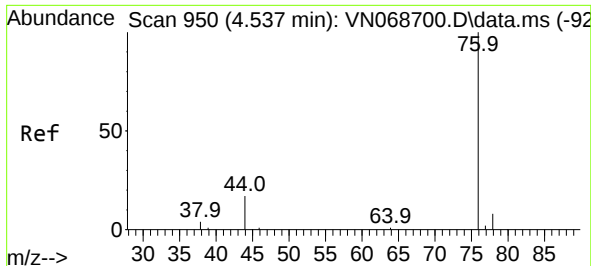
Tgt Ion: 53 Resp: 4381
Ion Ratio Lower Upper
53 100
52 39.7 41.0 123.2#
51 5.9 18.2 54.6#



#15
Acetone
Concen: 0.426 ug/l
RT: 4.288 min Scan# 857
Delta R.T. 0.000 min
Lab File: VN068704.D
Acq: 27 Sep 2021 14:11

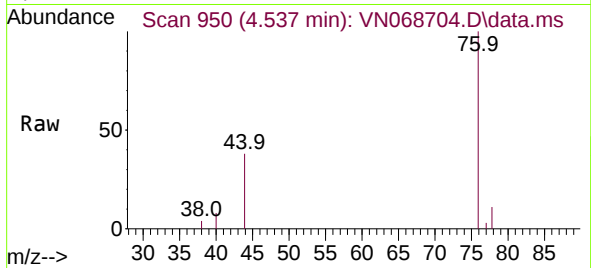
Tgt Ion: 58 Resp: 293
Ion Ratio Lower Upper
58 100
43 157.1 261.0 391.4#



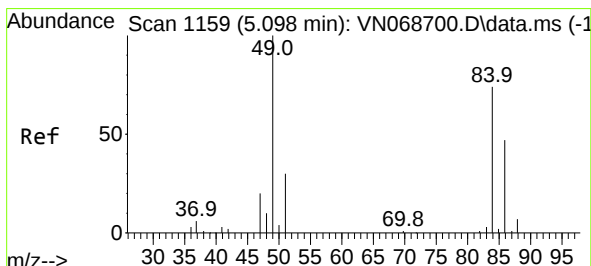
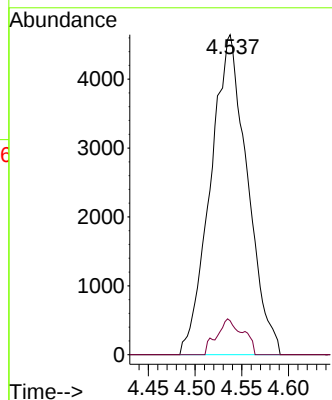
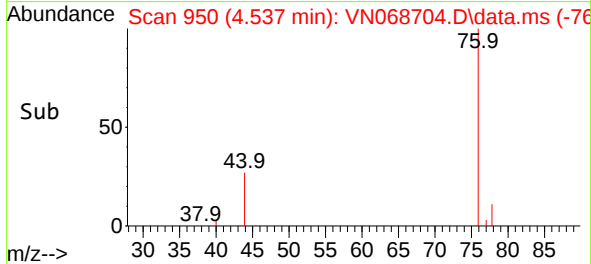


#16
Carbon Disulfide
Concen: 1.146 ug/l
RT: 4.537 min Scan# 950
Delta R.T. 0.000 min
Lab File: VN068704.D
Acq: 27 Sep 2021 14:11

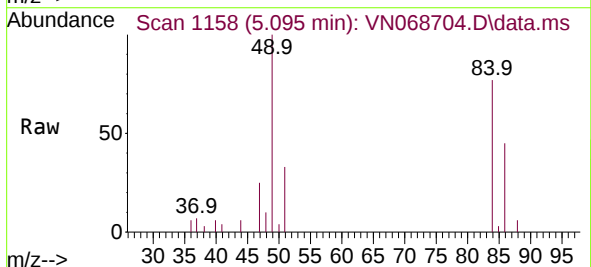
Instrument :
MSVOA_N
ClientSampled :
IBLK



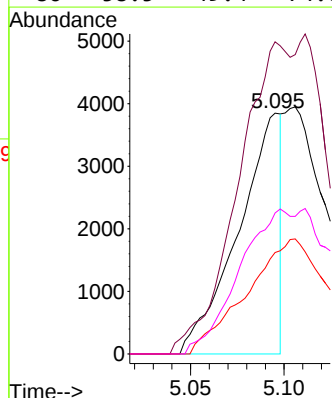
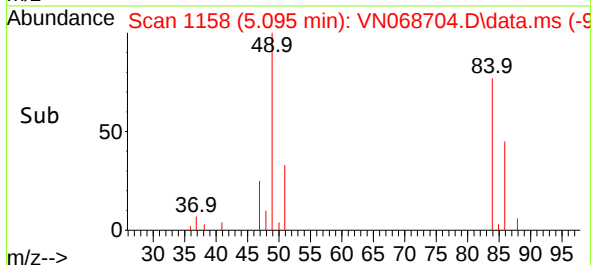
Tgt Ion: 76 Resp: 12729
Ion Ratio Lower Upper
76 100
78 10.6 7.5 11.3

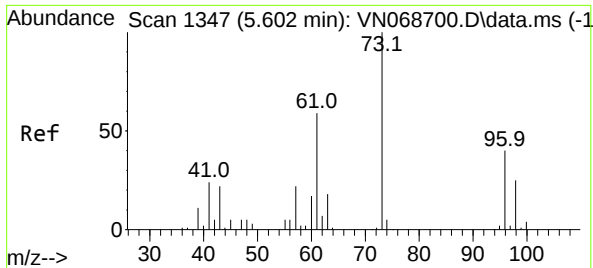


#18
Methylene Chloride
Concen: 1.257 ug/l
RT: 5.095 min Scan# 1158
Delta R.T. -0.003 min
Lab File: VN068704.D
Acq: 27 Sep 2021 14:11



Tgt Ion: 84 Resp: 6074
Ion Ratio Lower Upper
84 100
49 123.5 102.2 153.2
51 42.1 33.0 49.4
86 58.5 49.4 74.0



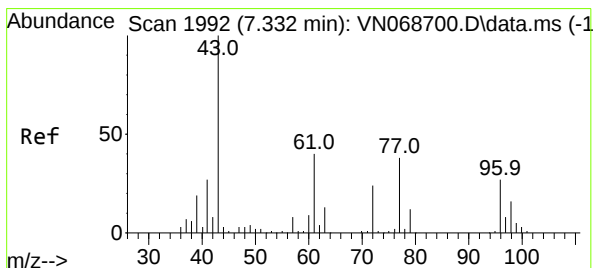
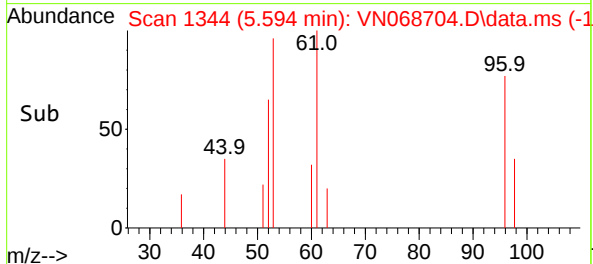
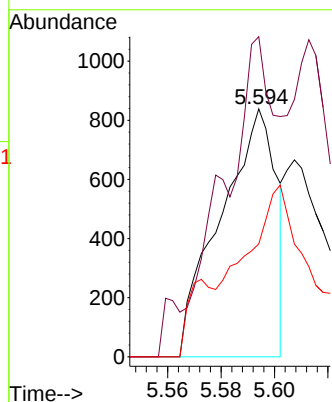
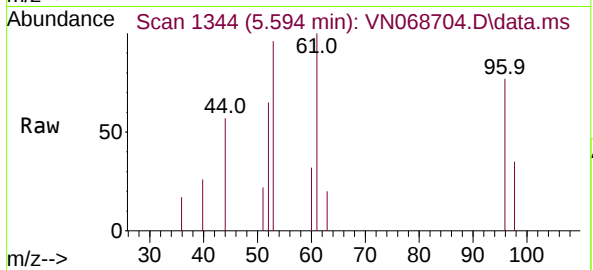


#19

trans-1,2-Dichloroethene
Concen: 0.277 ug/l
RT: 5.594 min Scan# 1344
Delta R.T. -0.008 min
Lab File: VN068704.D
Acq: 27 Sep 2021 14:11

Instrument :
MSVOA_N
ClientSampled :
IBLK

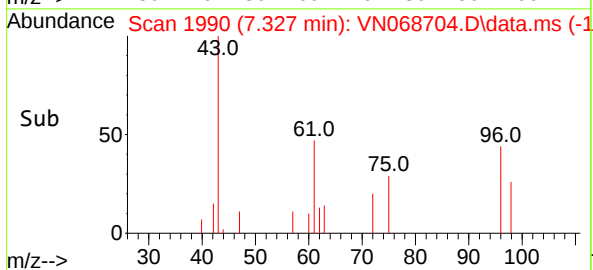
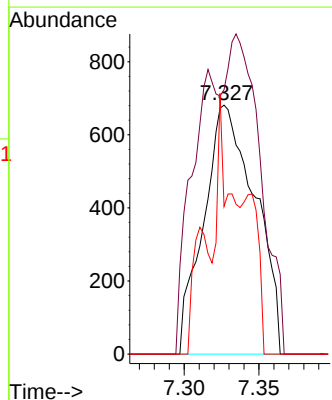
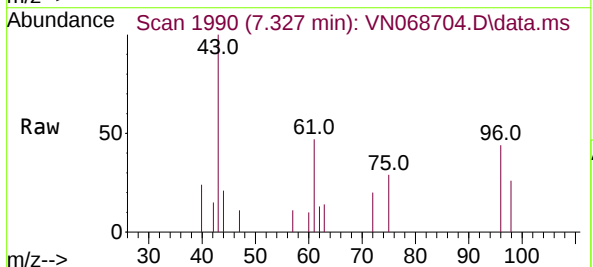
Tgt Ion: 96 Resp: 1211
Ion Ratio Lower Upper
96 100
61 111.1 112.6 168.8#
98 45.5 51.2 76.8#

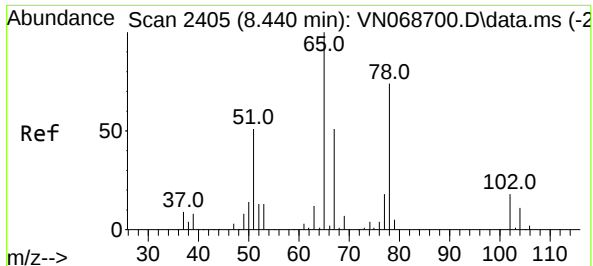


#22

cis-1,2-Dichloroethene
Concen: 0.308 ug/l
RT: 7.327 min Scan# 1990
Delta R.T. -0.005 min
Lab File: VN068704.D
Acq: 27 Sep 2021 14:11

Tgt Ion: 96 Resp: 1632
Ion Ratio Lower Upper
96 100
61 0.0 120.7 181.1#
98 3.2 52.7 79.1#



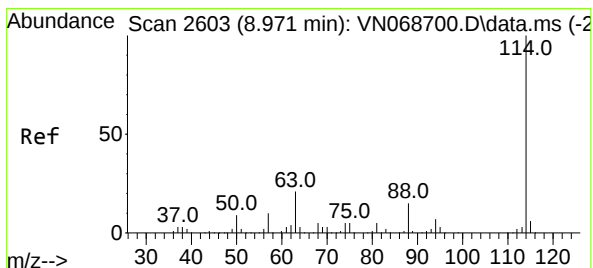
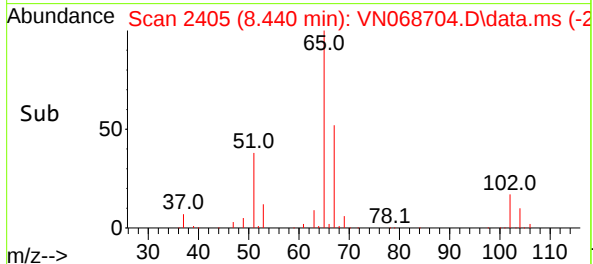
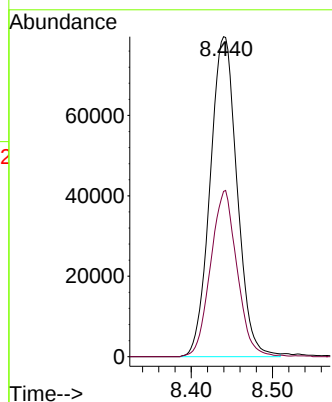
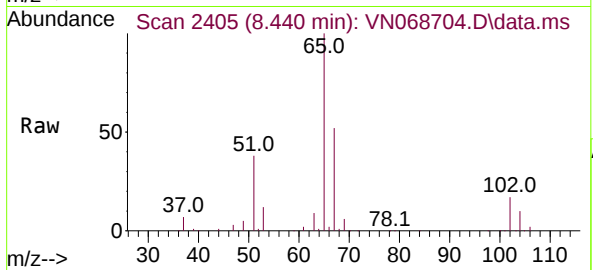


#27

1,2-Dichloroethane-d4
Concen: 27.669 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.000 min
Lab File: VN068704.D
Acq: 27 Sep 2021 14:11

Instrument :
MSVOA_N
ClientSampled :
IBLK

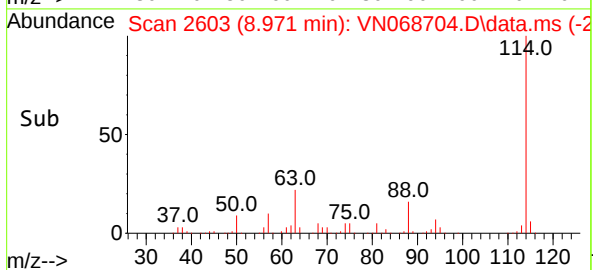
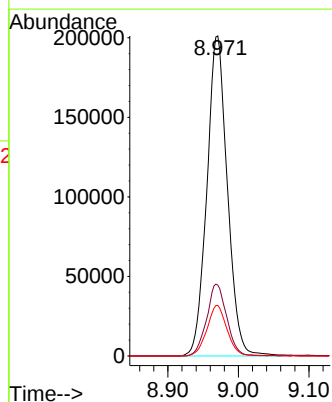
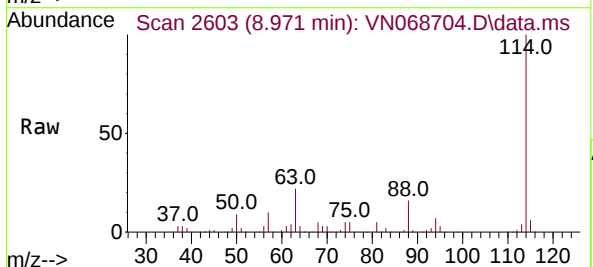
Tgt Ion: 65 Resp: 183553
Ion Ratio Lower Upper
65 100
67 50.8 41.0 61.6

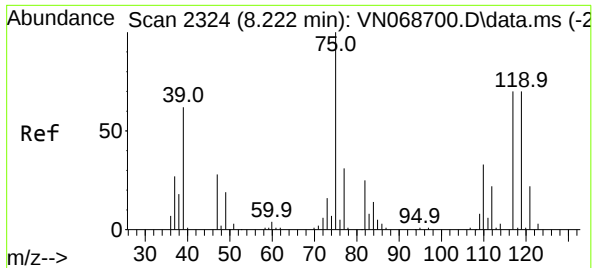


#28

1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.000 min
Lab File: VN068704.D
Acq: 27 Sep 2021 14:11

Tgt Ion: 114 Resp: 406481
Ion Ratio Lower Upper
114 100
63 21.9 17.1 25.7
88 15.4 12.2 18.4

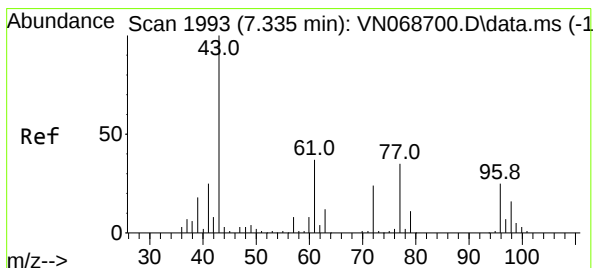
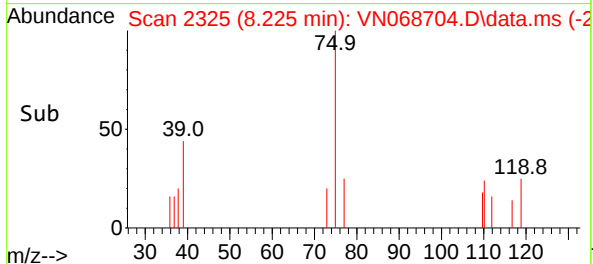
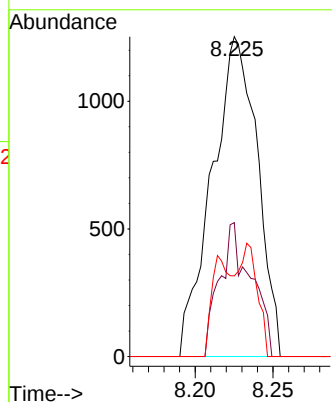
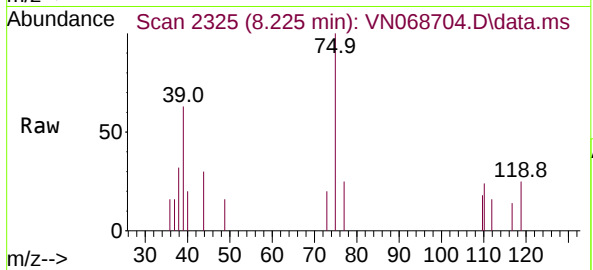




#29
1,1-Dichloropropene
Concen: 0.324 ug/l
RT: 8.225 min Scan# 2325
Delta R.T. 0.003 min
Lab File: VN068704.D
Acq: 27 Sep 2021 14:11

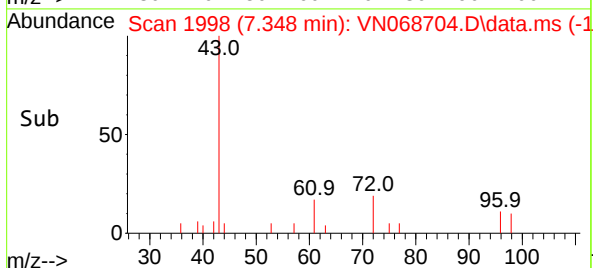
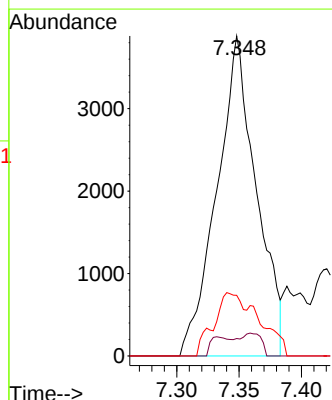
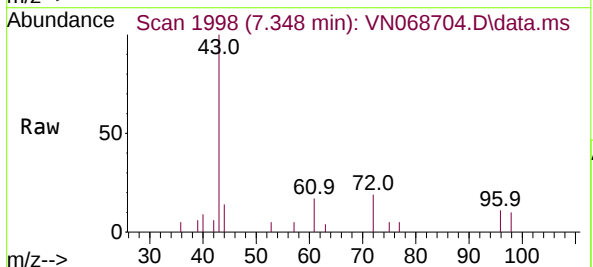
Instrument :
MSVOA_N
ClientSampled :
IBLK

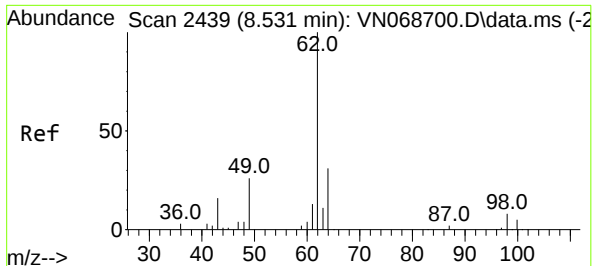
Tgt Ion:	75	Resp:	2538
Ion	Ratio	Lower	Upper
75	100		
110	3.8	0.0	67.4
77	12.3	0.0	60.0



#30
2-Butanone
Concen: 2.275 ug/l
RT: 7.348 min Scan# 1998
Delta R.T. 0.013 min
Lab File: VN068704.D
Acq: 27 Sep 2021 14:11

Tgt Ion:	43	Resp:	8523
Ion	Ratio	Lower	Upper
43	100		
57	3.2	6.4	9.6#
72	7.6	19.6	29.4#

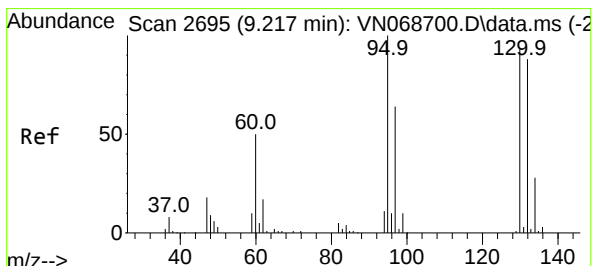
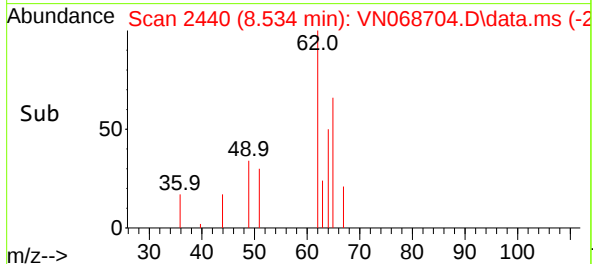
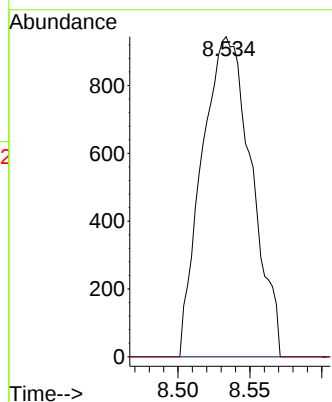
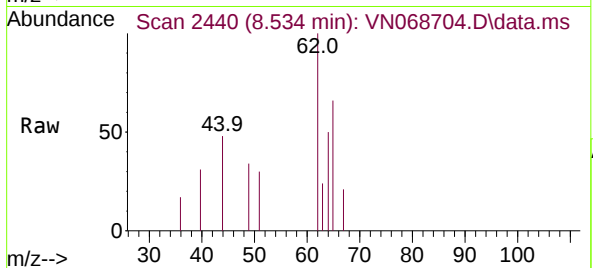




#36
1,2-Dichloroethane
Concen: 0.274 ug/l
RT: 8.534 min Scan# 2440
Delta R.T. 0.003 min
Lab File: VN068704.D
Acq: 27 Sep 2021 14:11

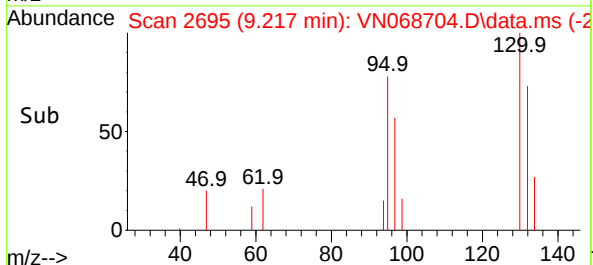
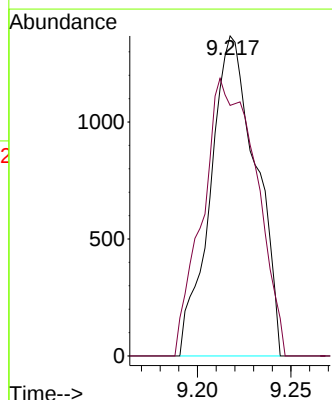
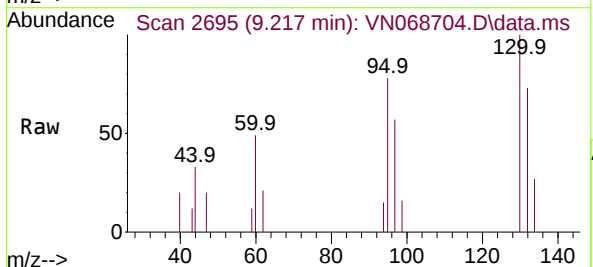
Instrument :
MSVOA_N
ClientSampled :
IBLK

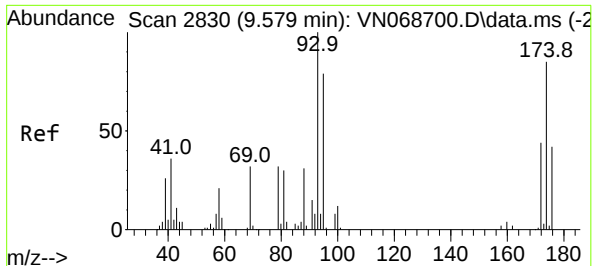
Tgt Ion: 62 Resp: 2259
Ion Ratio Lower Upper
62 100
98 2.5 6.5 9.7#



#37
Trichloroethene
Concen: 0.443 ug/l
RT: 9.217 min Scan# 2695
Delta R.T. 0.000 min
Lab File: VN068704.D
Acq: 27 Sep 2021 14:11

Tgt Ion: 130 Resp: 2329
Ion Ratio Lower Upper
130 100
95 66.5 80.7 121.1#





#40

Dibromomethane

Concen: 0.358 ug/l

RT: 9.577 min Scan# 2829

Delta R.T. -0.003 min

Lab File: VN068704.D

Acq: 27 Sep 2021 14:11

Instrument :

MSVOA_N

ClientSampled :

IBLK

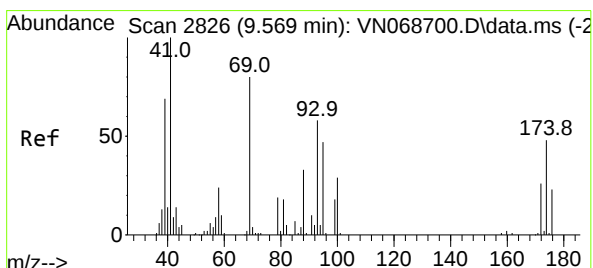
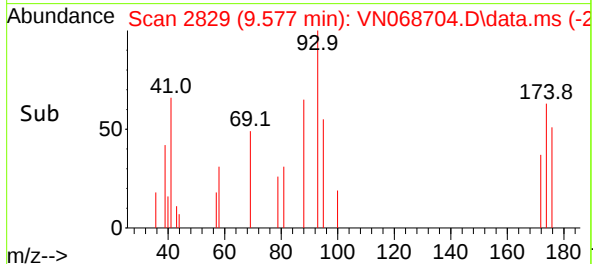
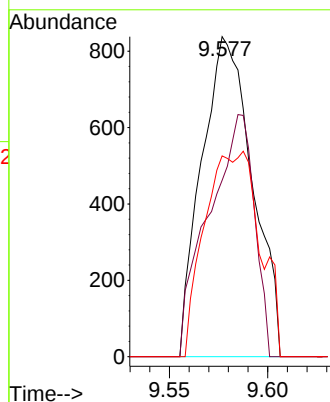
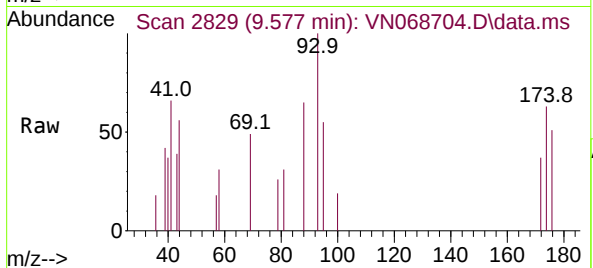
Tgt Ion: 93 Resp: 1500

Ion Ratio Lower Upper

93 100

95 68.1 0.0 165.4

174 37.9 0.0 187.8



#45

1,4-Dioxane

Concen: 2.219 ug/l

RT: 9.558 min Scan# 2822

Delta R.T. -0.011 min

Lab File: VN068704.D

Acq: 27 Sep 2021 14:11

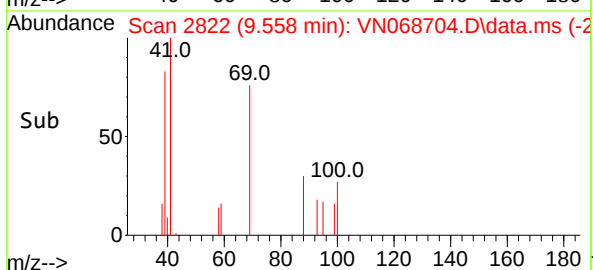
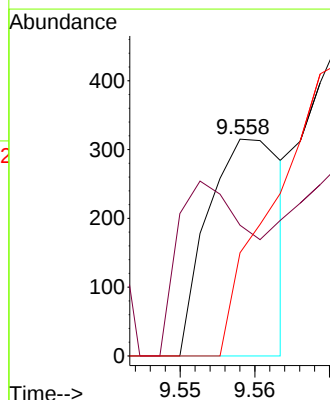
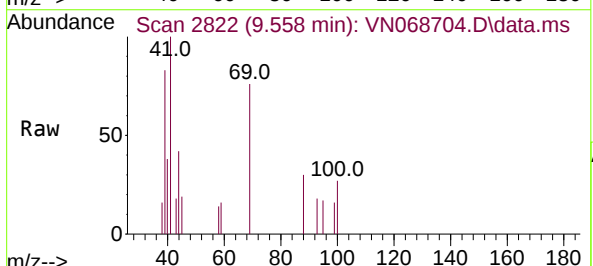
Tgt Ion: 88 Resp: 217

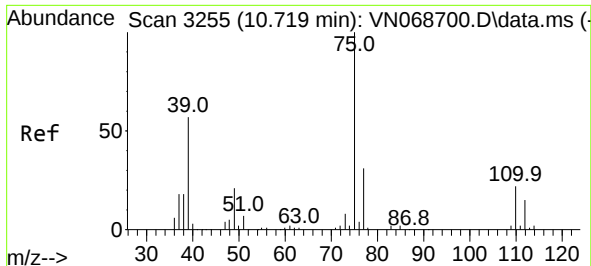
Ion Ratio Lower Upper

88 100

43 78.3 27.3 40.9#

58 171.9 55.0 82.6#

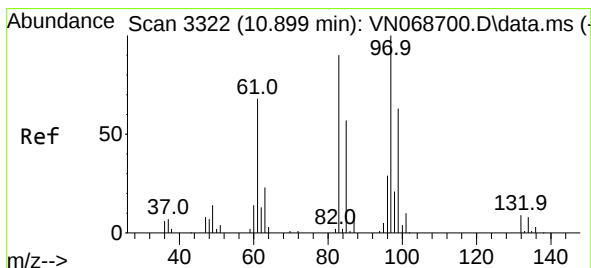
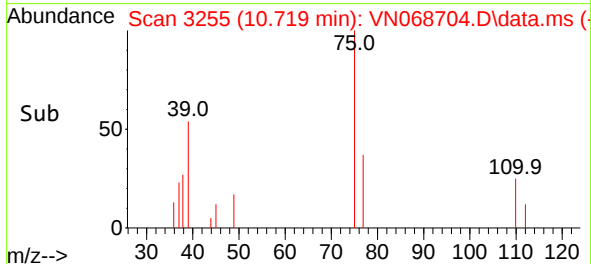
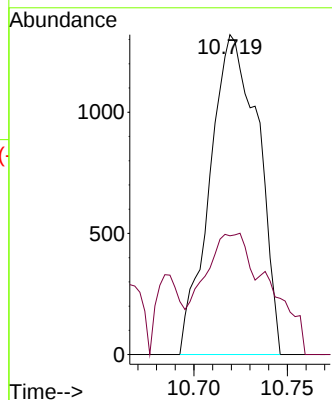
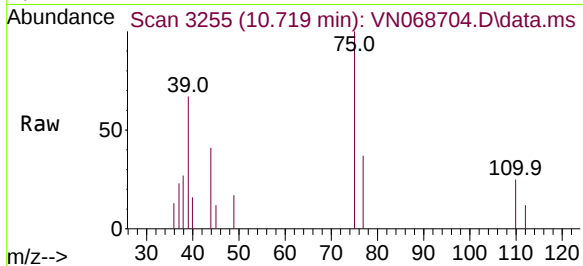




#48
t-1,3-Dichloropropene
Concen: 0.262 ug/l
RT: 10.719 min Scan# 3255
Delta R.T. 0.000 min
Lab File: VN068704.D
Acq: 27 Sep 2021 14:11

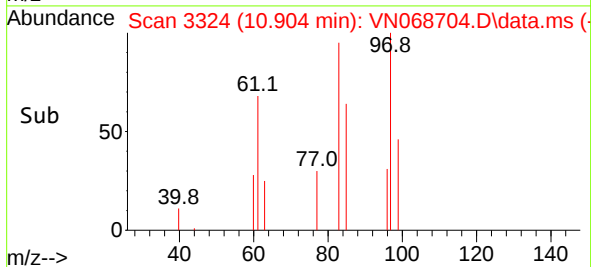
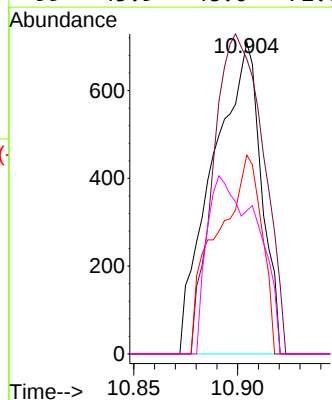
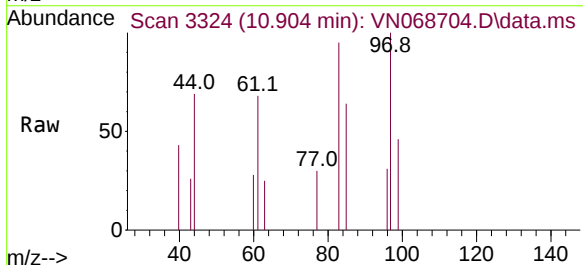
Instrument :
MSVOA_N
ClientSampled :
IBLK

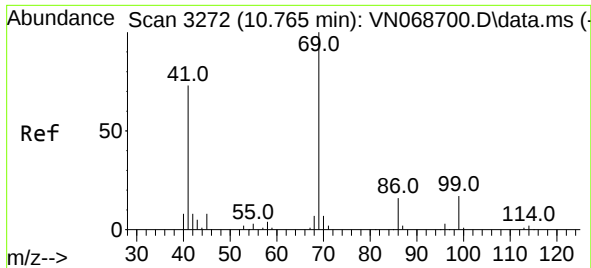
Tgt Ion: 75 Resp: 2380
Ion Ratio Lower Upper
75 100
77 20.5 25.0 37.4#



#50
1,1,2-Trichloroethane
Concen: 0.205 ug/l
RT: 10.904 min Scan# 3324
Delta R.T. 0.005 min
Lab File: VN068704.D
Acq: 27 Sep 2021 14:11

Tgt Ion: 97 Resp: 1150
Ion Ratio Lower Upper
97 100
83 94.6 69.9 104.9
85 63.8 44.4 66.6
99 45.9 48.0 72.0#

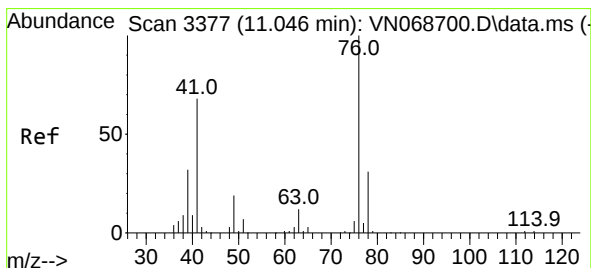
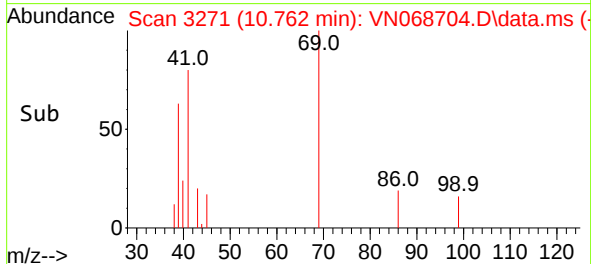
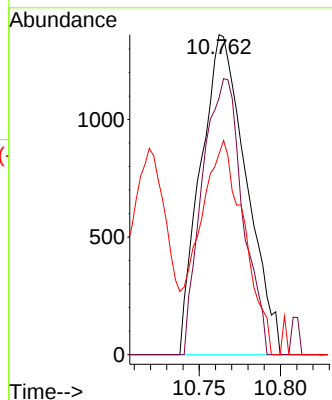
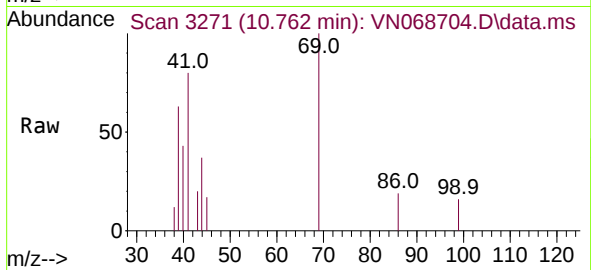




#51
Ethyl methacrylate
Concen: 0.301 ug/l
RT: 10.762 min Scan# 3271
Delta R.T. -0.003 min
Lab File: VN068704.D
Acq: 27 Sep 2021 14:11

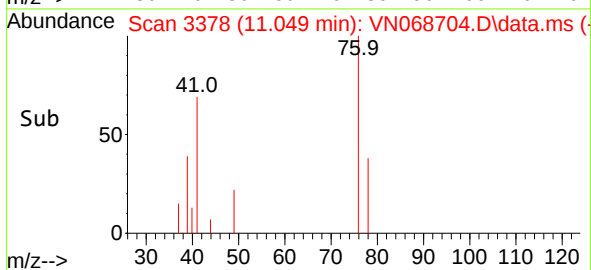
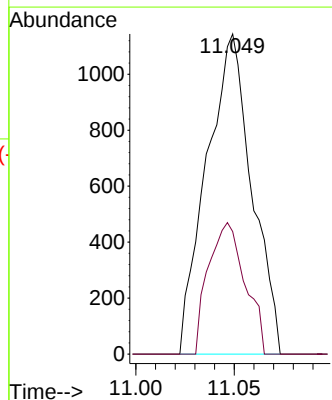
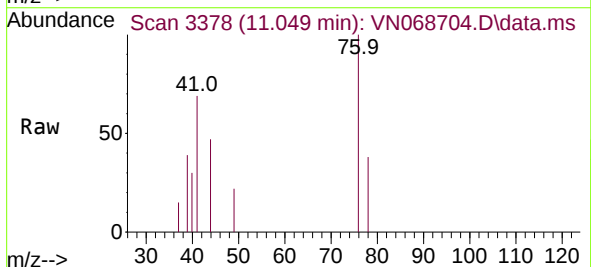
Instrument :
MSVOA_N
ClientSampled :
IBLK

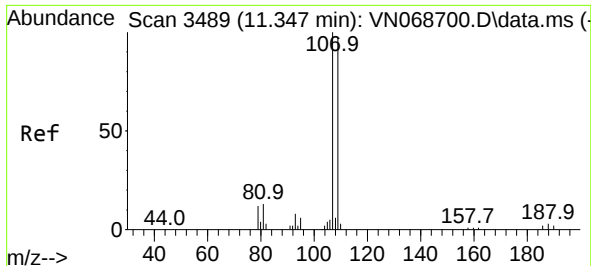
Tgt Ion: 69 Resp: 2659
Ion Ratio Lower Upper
69 100
41 80.2 37.0 111.1
39 62.7 25.1 75.4



#52
1,3-Dichloropropane
Concen: 0.200 ug/l
RT: 11.049 min Scan# 3378
Delta R.T. 0.003 min
Lab File: VN068704.D
Acq: 27 Sep 2021 14:11

Tgt Ion: 76 Resp: 1826
Ion Ratio Lower Upper
76 100
78 33.4 0.0 63.8

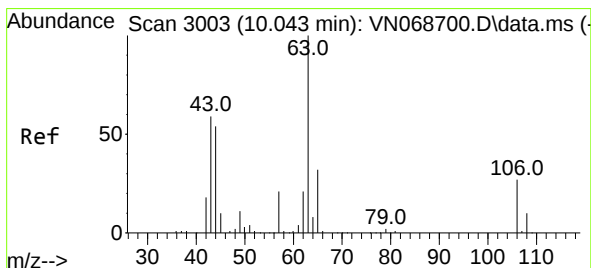
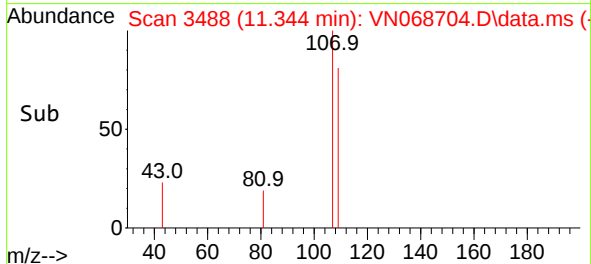
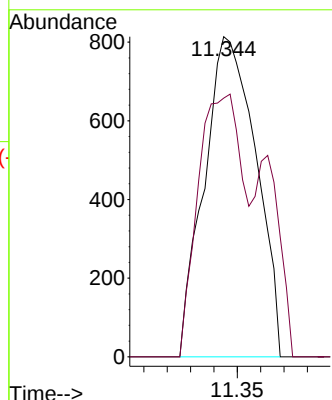
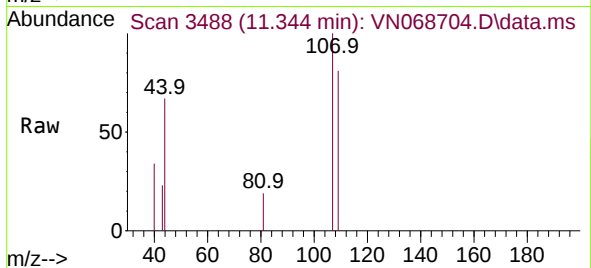




#54
1,2-Dibromoethane
Concen: 0.215 ug/l
RT: 11.344 min Scan# 3488
Delta R.T. -0.003 min
Lab File: VN068704.D
Acq: 27 Sep 2021 14:11

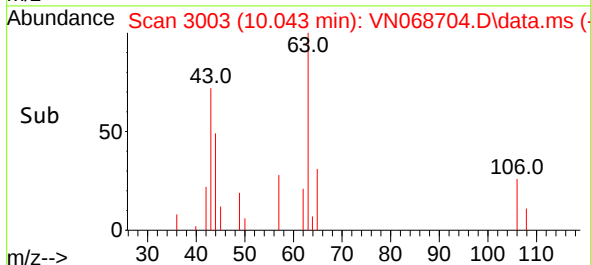
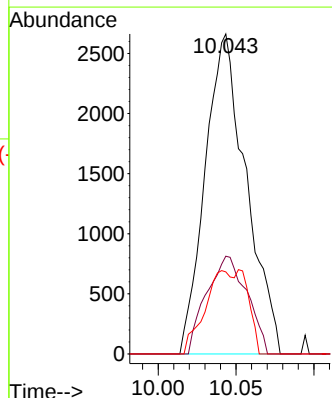
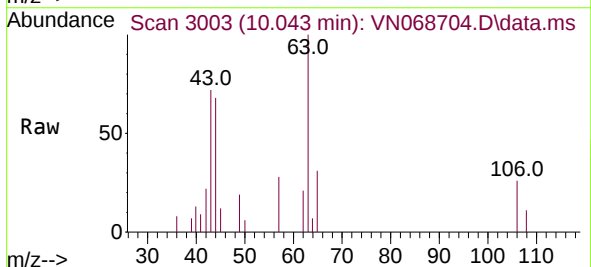
Instrument :
MSVOA_N
ClientSampled :
IBLK

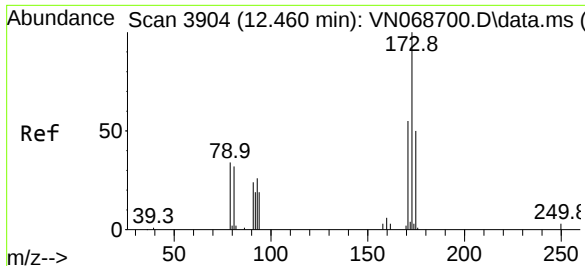
Tgt Ion:107 Resp: 1251
Ion Ratio Lower Upper
107 100
109 71.0 76.8 115.2#



#55
2-Chloroethyl vinyl ether
Concen: 1.918 ug/l
RT: 10.043 min Scan# 3003
Delta R.T. 0.000 min
Lab File: VN068704.D
Acq: 27 Sep 2021 14:11

Tgt Ion: 63 Resp: 4871
Ion Ratio Lower Upper
63 100
65 30.2 25.4 38.0
106 18.5 21.3 31.9#

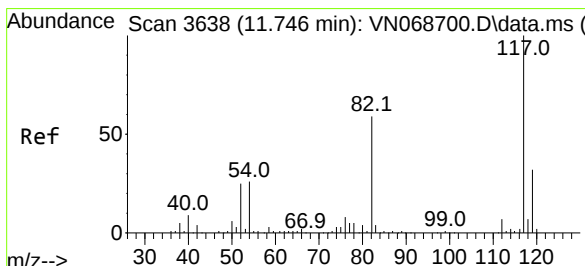
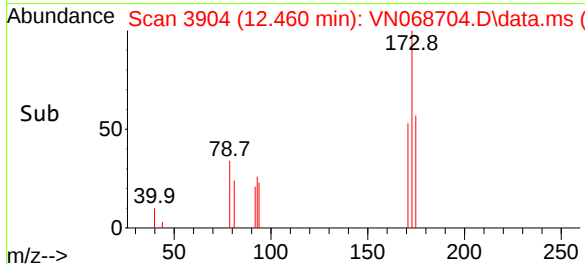
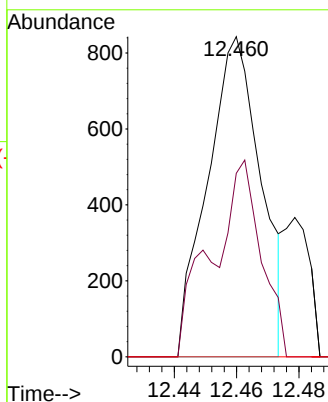
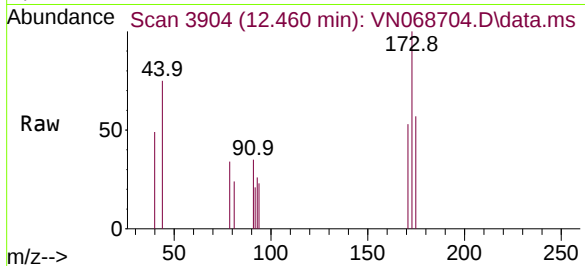




#56
Bromoform
Concen: 0.214 ug/l
RT: 12.460 min Scan# 3904
Delta R.T. 0.000 min
Lab File: VN068704.D
Acq: 27 Sep 2021 14:11

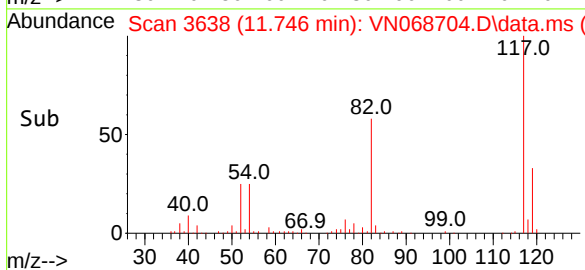
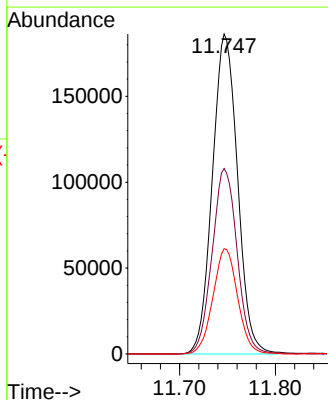
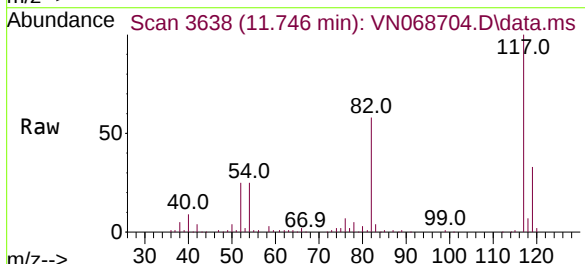
Instrument :
MSVOA_N
ClientSampled :
IBLK

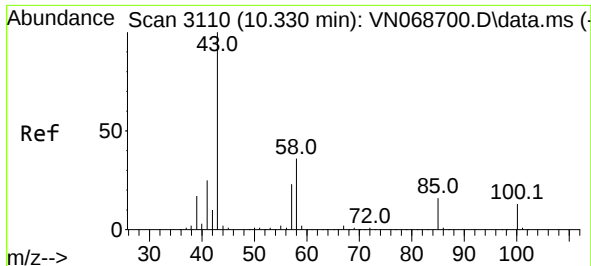
Tgt Ion:173 Resp: 1001
Ion Ratio Lower Upper
173 100
175 37.1 39.4 59.0#
254 0.0 0.0 0.0



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN068704.D
Acq: 27 Sep 2021 14:11

Tgt Ion:117 Resp: 339371
Ion Ratio Lower Upper
117 100
82 57.8 44.6 66.8
119 32.3 25.7 38.5

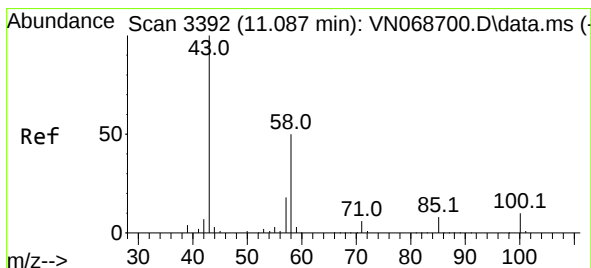
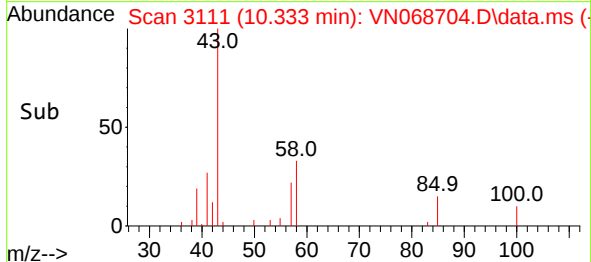
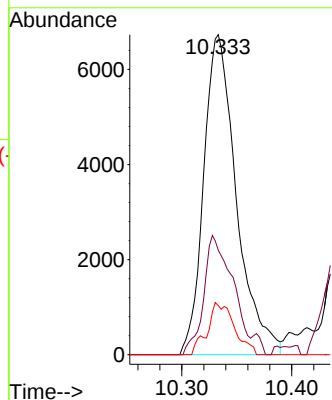
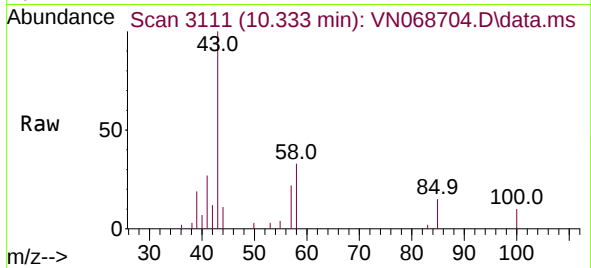




#58
4-Methyl-2-Pentanone
Concen: 1.887 ug/l
RT: 10.333 min Scan# 3111
Delta R.T. 0.003 min
Lab File: VN068704.D
Acq: 27 Sep 2021 14:11

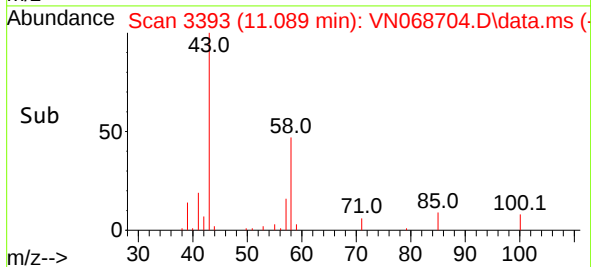
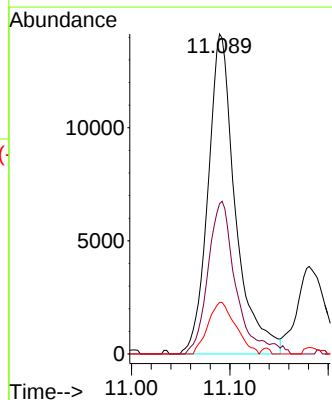
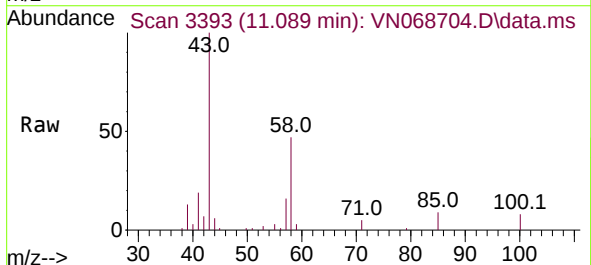
Instrument :
MSVOA_N
ClientSampled :
IBLK

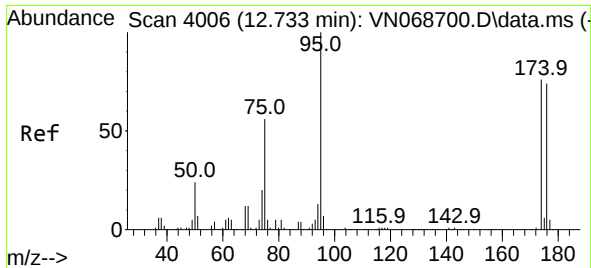
Tgt Ion: 43 Resp: 13929
Ion Ratio Lower Upper
43 100
58 32.9 28.5 42.7
85 3.2 12.8 19.2#



#59
2-Hexanone
Concen: 4.940 ug/l
RT: 11.089 min Scan# 3393
Delta R.T. 0.003 min
Lab File: VN068704.D
Acq: 27 Sep 2021 14:11

Tgt Ion: 43 Resp: 27339
Ion Ratio Lower Upper
43 100
58 46.2 39.5 59.3
57 16.2 14.3 21.5

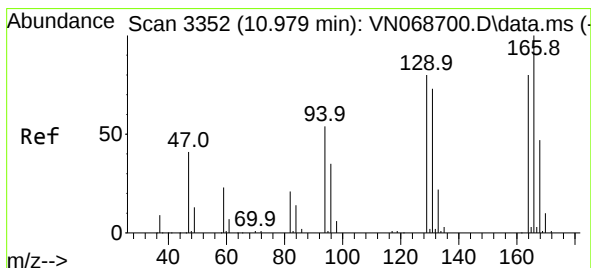
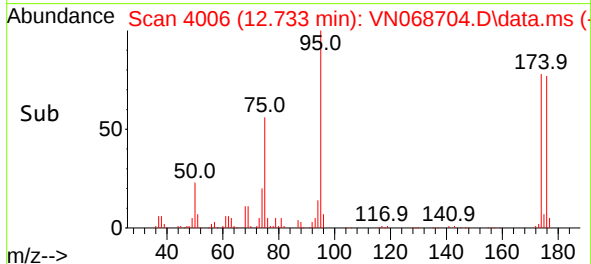
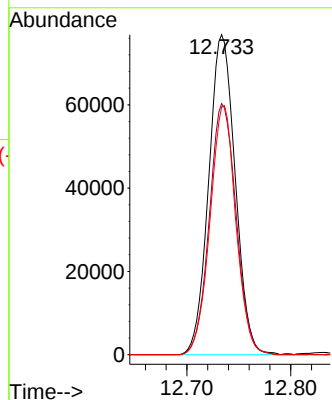
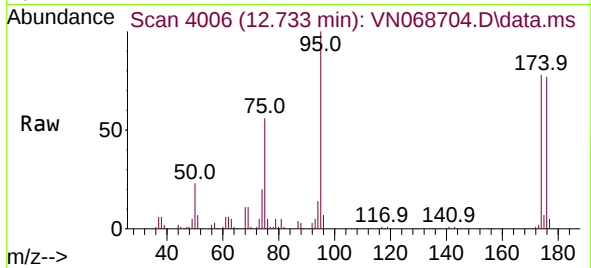




#60
4-Bromofluorobenzene
Concen: 22.434 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN068704.D
Acq: 27 Sep 2021 14:11

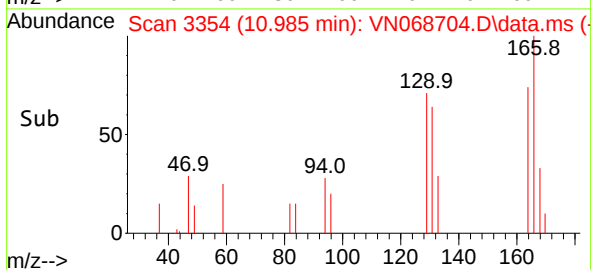
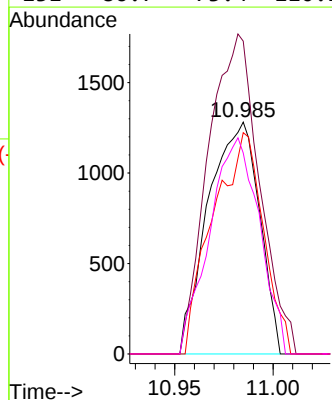
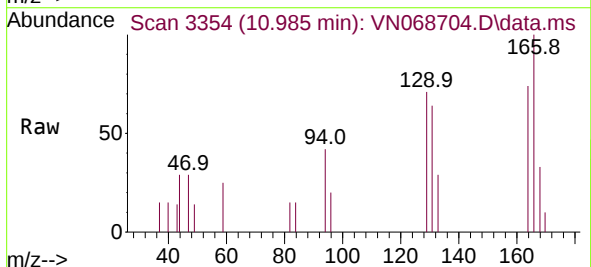
Instrument :
MSVOA_N
ClientSampled :
IBLK

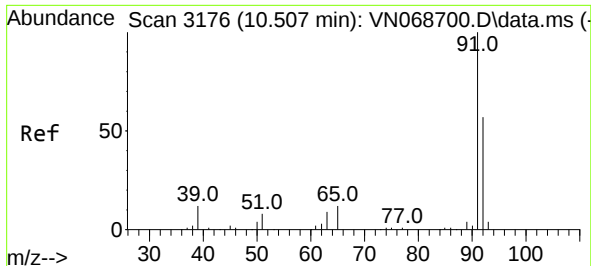
Tgt Ion: 95 Resp: 136105
Ion Ratio Lower Upper
95 100
174 79.5 63.0 94.6
176 76.1 60.6 90.8



#61
Tetrachloroethene
Concen: 0.552 ug/l
RT: 10.985 min Scan# 3354
Delta R.T. 0.005 min
Lab File: VN068704.D
Acq: 27 Sep 2021 14:11

Tgt Ion: 164 Resp: 2311
Ion Ratio Lower Upper
164 100
166 134.9 100.8 151.2
129 95.4 76.8 115.2
131 86.7 73.4 110.2





#62

Toluene

Concen: 0.248 ug/l

RT: 10.507 min Scan# 3176

Delta R.T. 0.000 min

Lab File: VN068704.D

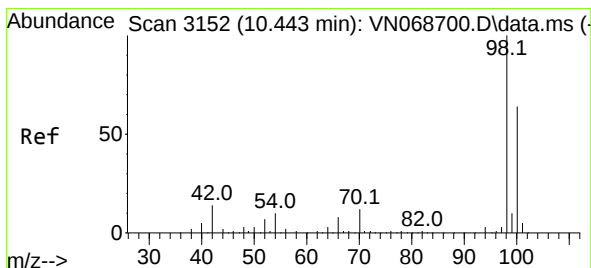
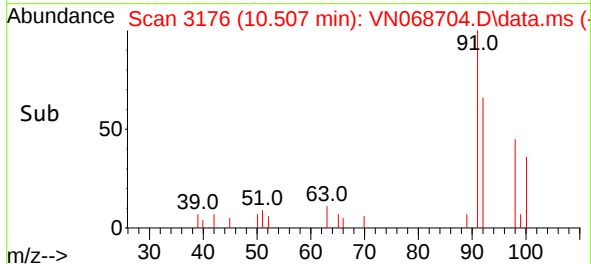
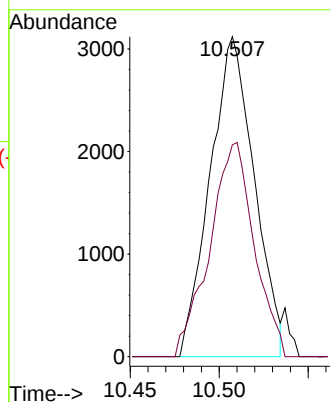
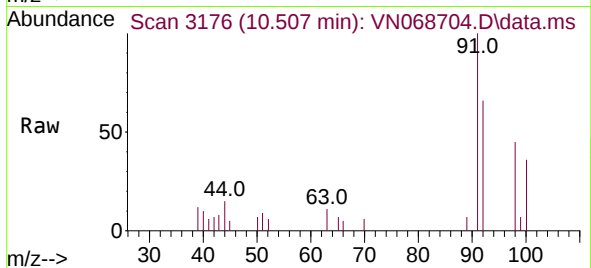
Acq: 27 Sep 2021 14:11

Tgt Ion: 91 Resp: 5385

Ion Ratio Lower Upper

91 100

92 67.1 45.7 68.5



#63

Toluene-d8

Concen: 31.206 ug/l

RT: 10.443 min Scan# 3152

Delta R.T. 0.000 min

Lab File: VN068704.D

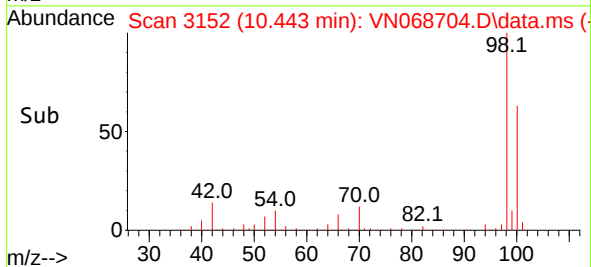
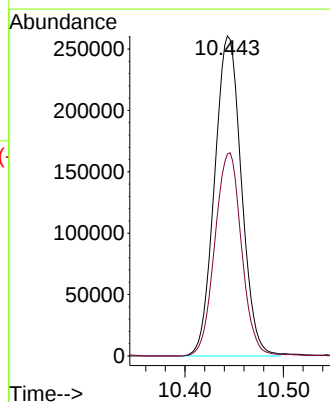
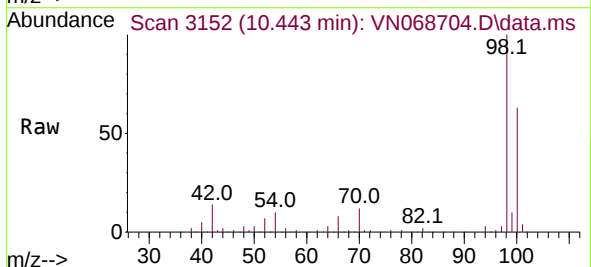
Acq: 27 Sep 2021 14:11

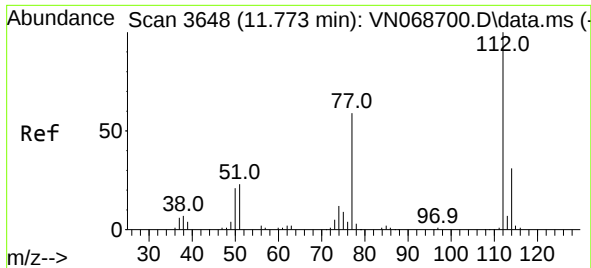
Tgt Ion: 98 Resp: 494570

Ion Ratio Lower Upper

98 100

100 63.2 51.4 77.2

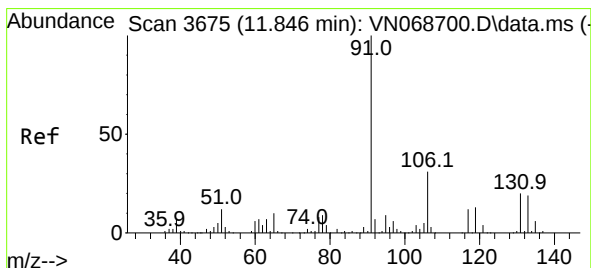
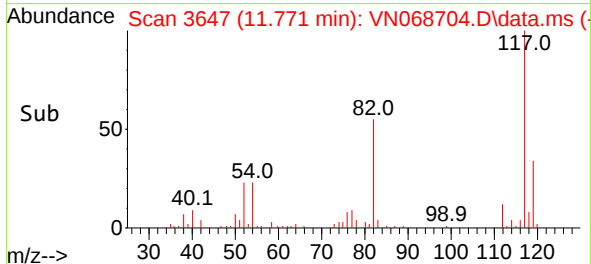
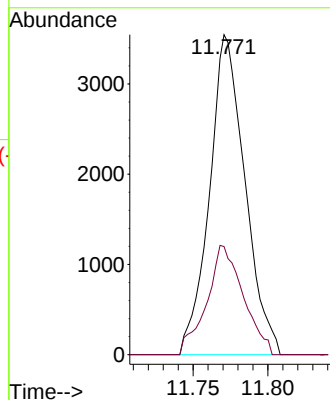
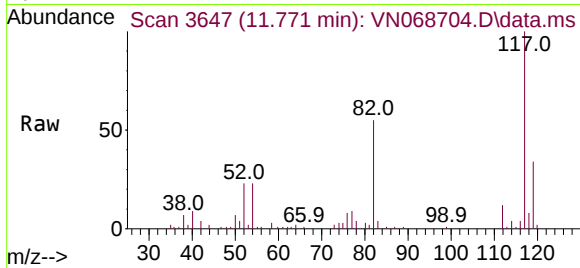




#64
Chlorobenzene
Concen: 0.468 ug/l
RT: 11.771 min Scan# 3647
Delta R.T. -0.003 min
Lab File: VN068704.D
Acq: 27 Sep 2021 14:11

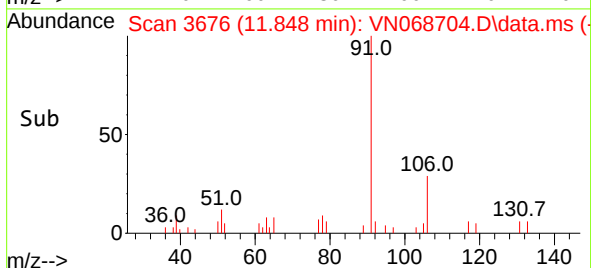
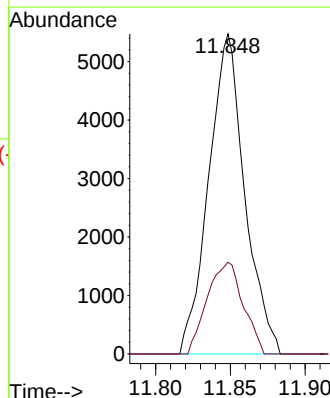
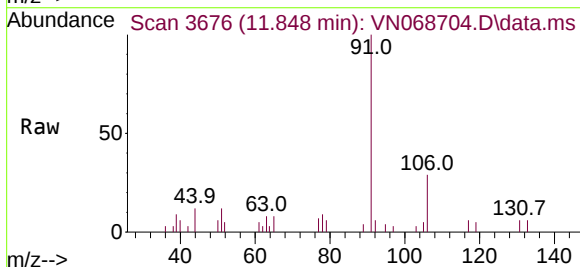
Instrument :
MSVOA_N
ClientSampled :
IBLK

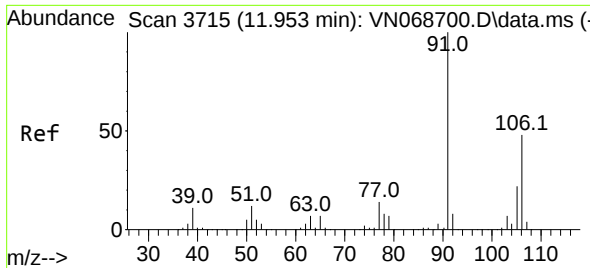
Tgt Ion:112 Resp: 5851
Ion Ratio Lower Upper
112 100
114 33.8 25.2 37.8



#66
Ethyl Benzene
Concen: 0.369 ug/l
RT: 11.848 min Scan# 3676
Delta R.T. 0.003 min
Lab File: VN068704.D
Acq: 27 Sep 2021 14:11

Tgt Ion: 91 Resp: 9161
Ion Ratio Lower Upper
91 100
106 28.7 25.4 38.2

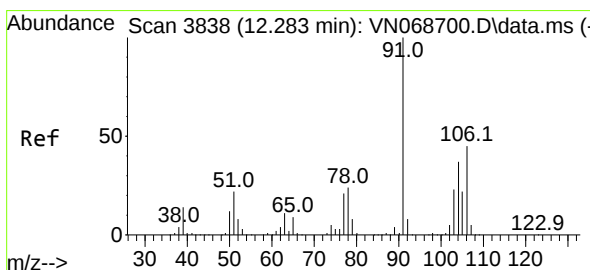
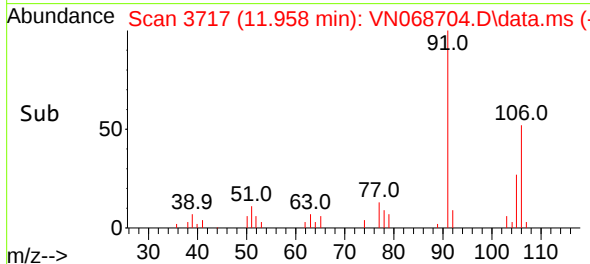
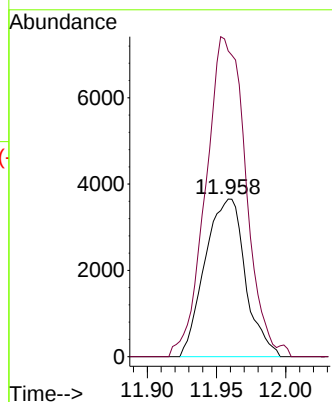
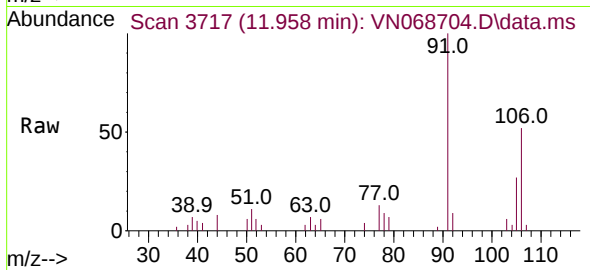




#67
m/p-Xylenes
Concen: 0.783 ug/l
RT: 11.958 min Scan# 3717
Delta R.T. 0.005 min
Lab File: VN068704.D
Acq: 27 Sep 2021 14:11

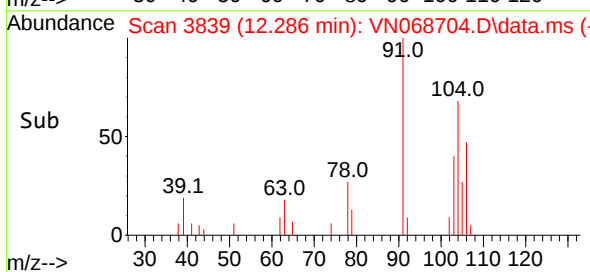
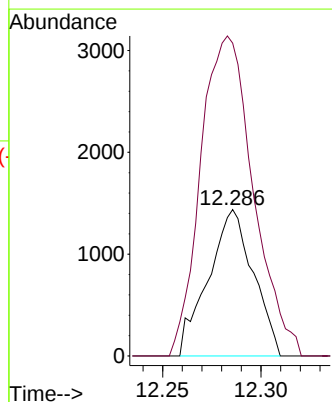
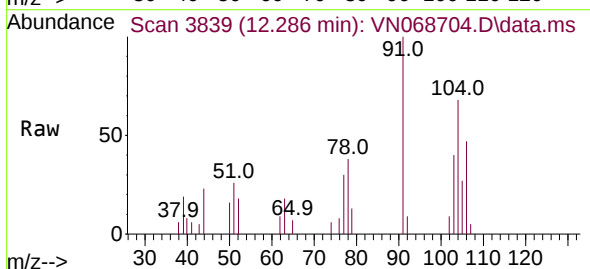
Instrument :
MSVOA_N
ClientSampled :
IBLK

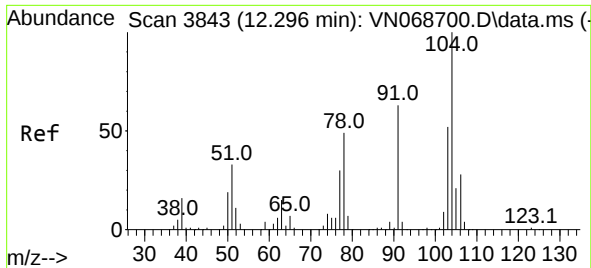
Tgt Ion:106 Resp: 7417
Ion Ratio Lower Upper
106 100
91 199.8 161.8 242.6



#68
o-Xylene
Concen: 0.233 ug/l
RT: 12.286 min Scan# 3839
Delta R.T. 0.003 min
Lab File: VN068704.D
Acq: 27 Sep 2021 14:11

Tgt Ion:106 Resp: 2287
Ion Ratio Lower Upper
106 100
91 255.5 105.9 317.7

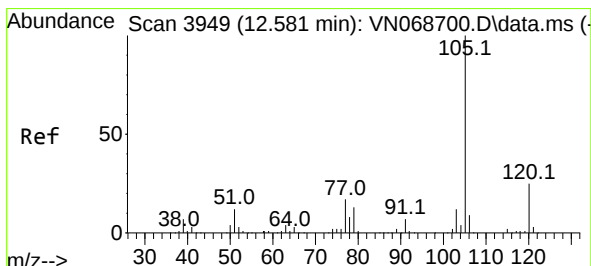
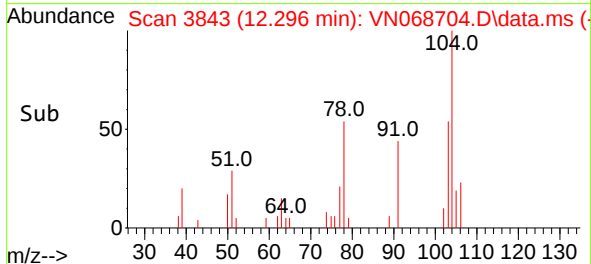
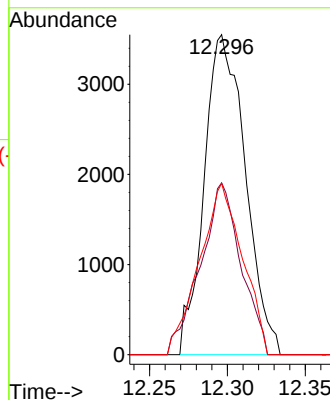
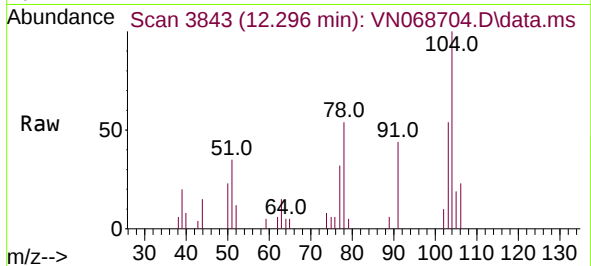




#69
Styrene
Concen: 0.394 ug/l
RT: 12.296 min Scan# 3843
Delta R.T. 0.000 min
Lab File: VN068704.D
Acq: 27 Sep 2021 14:11

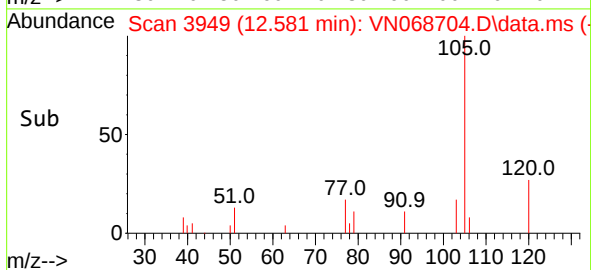
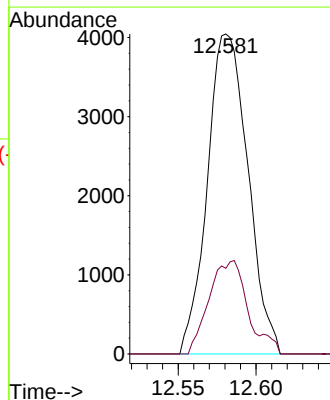
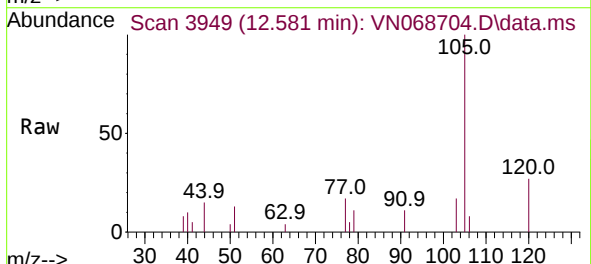
Instrument :
MSVOA_N
ClientSampled :
IBLK

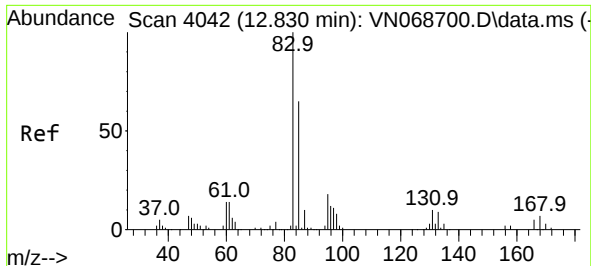
Tgt Ion:104 Resp: 6527
Ion Ratio Lower Upper
104 100
78 52.9 41.0 61.6
103 56.0 45.2 67.8



#70
Isopropylbenzene
Concen: 0.288 ug/l
RT: 12.581 min Scan# 3949
Delta R.T. 0.000 min
Lab File: VN068704.D
Acq: 27 Sep 2021 14:11

Tgt Ion:105 Resp: 7319
Ion Ratio Lower Upper
105 100
120 13.6 19.0 35.4#

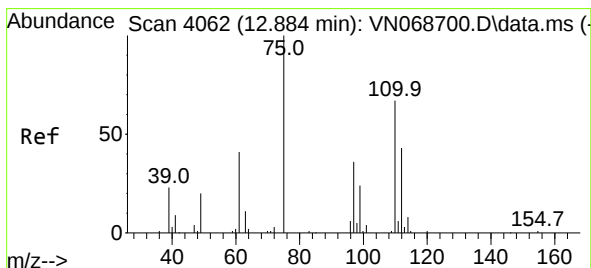
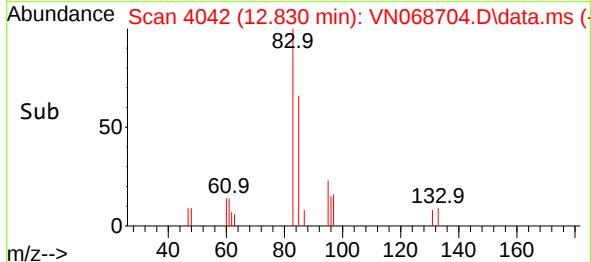
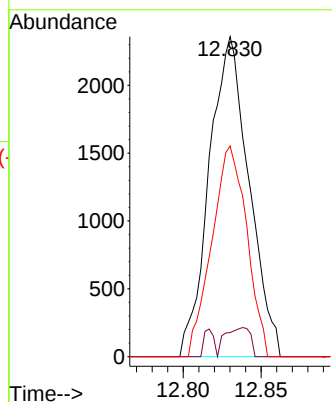
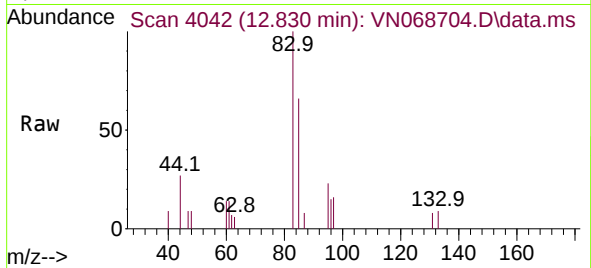




#71
1,1,2,2-Tetrachloroethane
Concen: 0.577 ug/l
RT: 12.830 min Scan# 4042
Delta R.T. 0.000 min
Lab File: VN068704.D
Acq: 27 Sep 2021 14:11

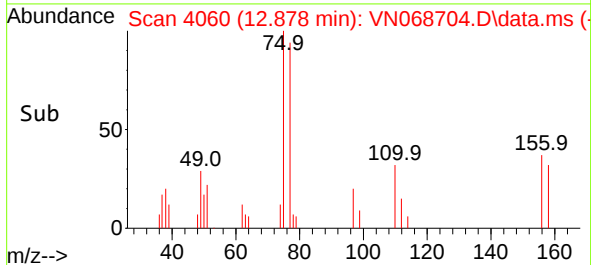
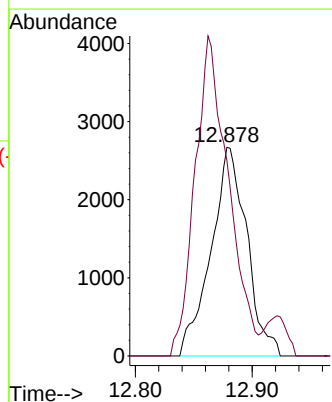
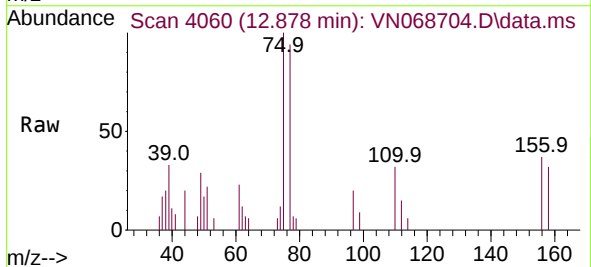
Instrument :
MSVOA_N
ClientSampled :
IBLK

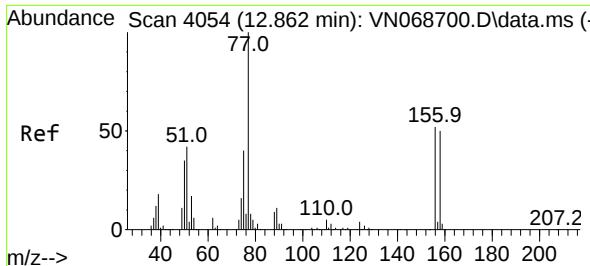
Tgt Ion: 83 Resp: 4185
Ion Ratio Lower Upper
83 100
131 5.7 4.9 14.6
85 57.9 32.0 96.2



#72
1,2,3-Trichloropropane
Concen: 0.821 ug/l
RT: 12.878 min Scan# 4060
Delta R.T. -0.005 min
Lab File: VN068704.D
Acq: 27 Sep 2021 14:11

Tgt Ion: 75 Resp: 5681
Ion Ratio Lower Upper
75 100
77 143.6 0.0 356.6

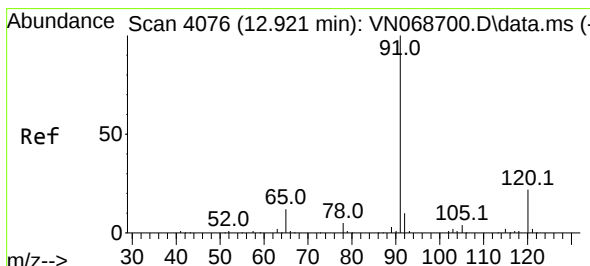
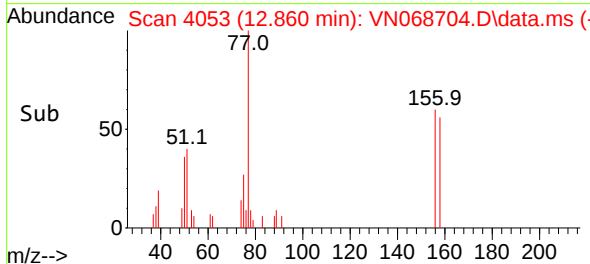
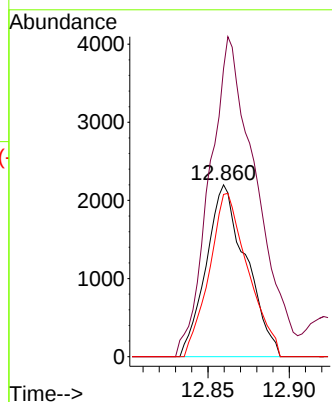
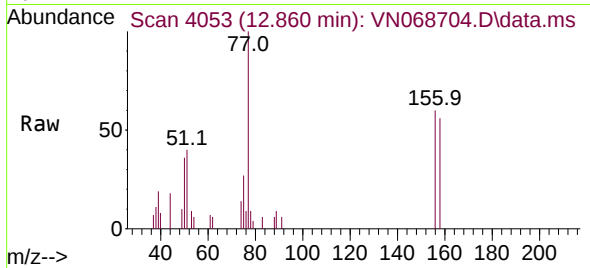




#73
Bromobenzene
Concen: 0.663 ug/l
RT: 12.860 min Scan# 4053
Delta R.T. -0.003 min
Lab File: VN068704.D
Acq: 27 Sep 2021 14:11

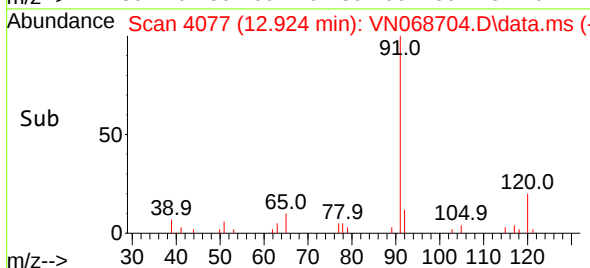
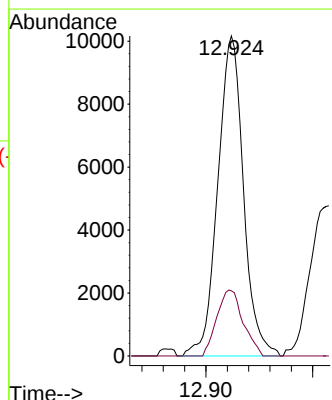
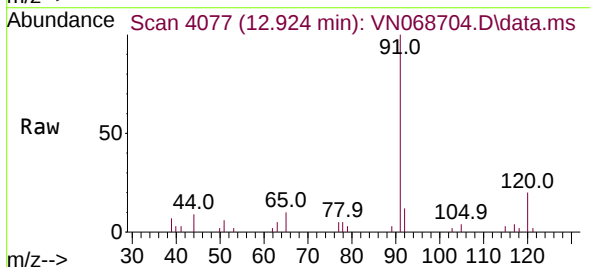
Instrument :
MSVOA_N
ClientSampled :
IBLK

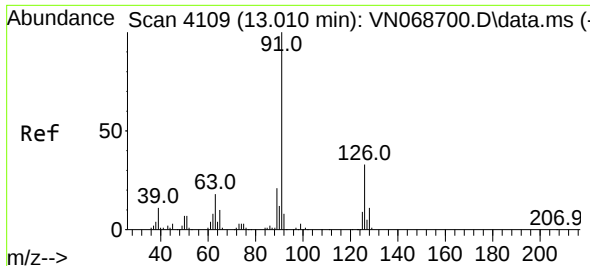
Tgt Ion	Ratio	Lower	Upper
156	100		
77	217.1	0.0	425.8
158	92.1	0.0	196.2



#74
n-propylbenzene
Concen: 0.583 ug/l
RT: 12.924 min Scan# 4077
Delta R.T. 0.003 min
Lab File: VN068704.D
Acq: 27 Sep 2021 14:11

Tgt Ion	Ratio	Lower	Upper
91	100		
120	21.0	0.0	45.6

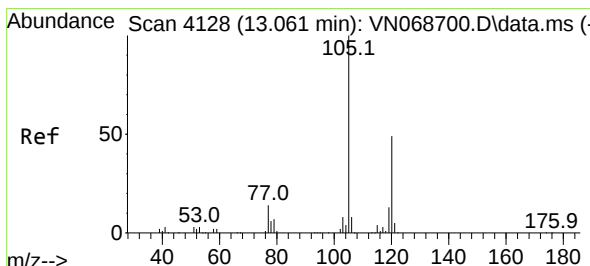
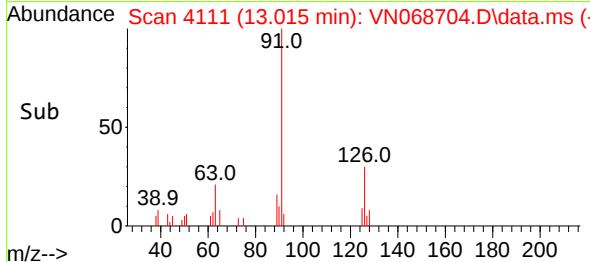
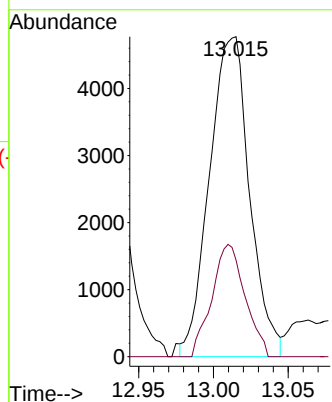
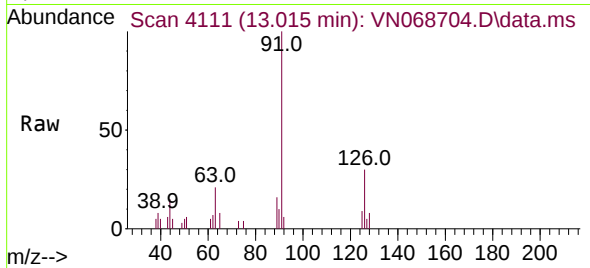




#75
2-Chlorotoluene
Concen: 0.532 ug/l
RT: 13.015 min Scan# 4111
Delta R.T. 0.005 min
Lab File: VN068704.D
Acq: 27 Sep 2021 14:11

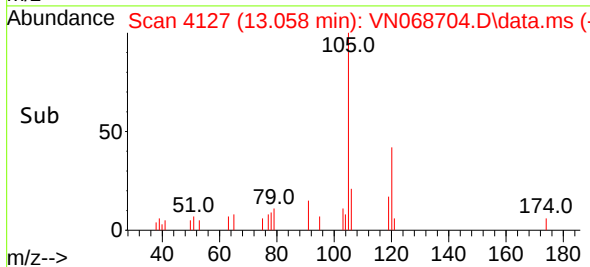
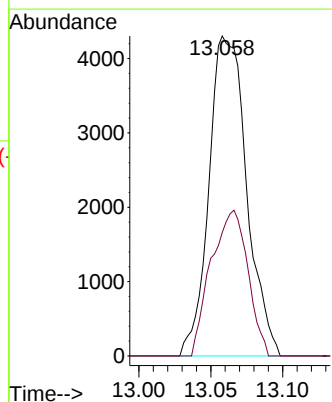
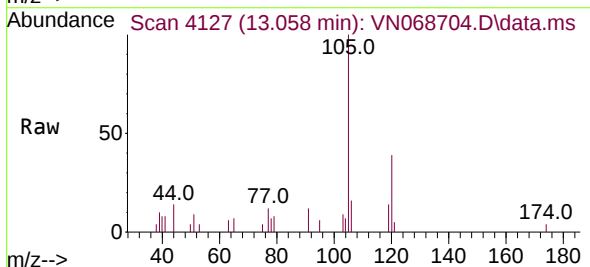
Instrument :
MSVOA_N
ClientSampled :
IBLK

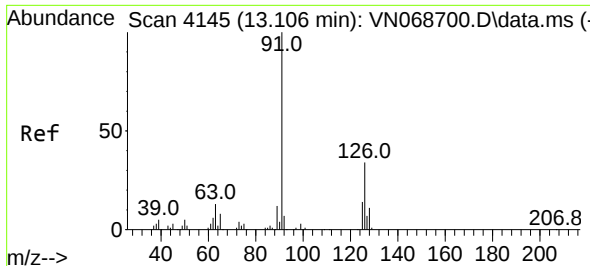
Tgt Ion: 91 Resp: 8917
Ion Ratio Lower Upper
91 100
126 29.0 0.0 68.6



#76
1,3,5-Trimethylbenzene
Concen: 0.395 ug/l
RT: 13.058 min Scan# 4127
Delta R.T. -0.003 min
Lab File: VN068704.D
Acq: 27 Sep 2021 14:11

Tgt Ion: 105 Resp: 7843
Ion Ratio Lower Upper
105 100
120 44.5 0.0 98.0

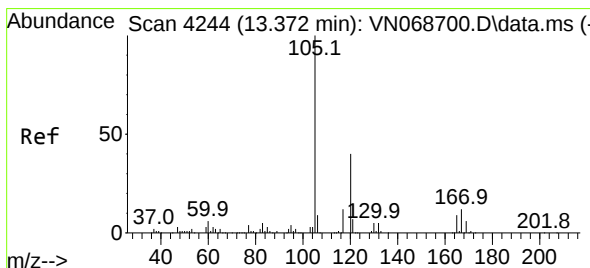
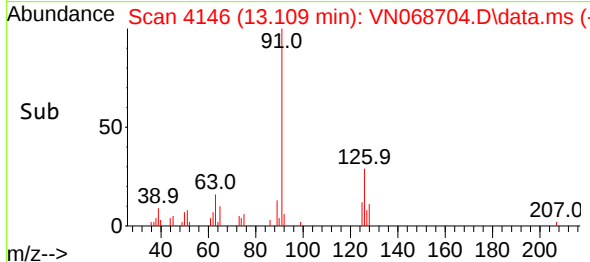
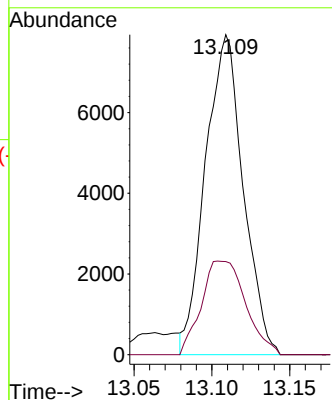
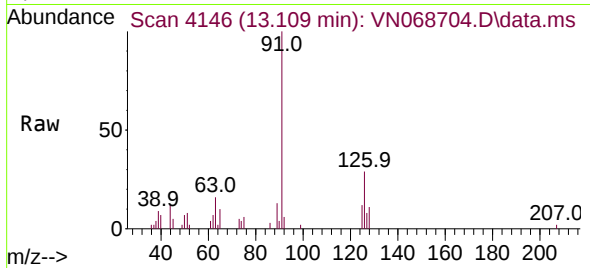




#78
4-Chlorotoluene
Concen: 0.822 ug/l
RT: 13.109 min Scan# 4146
Delta R.T. 0.003 min
Lab File: VN068704.D
Acq: 27 Sep 2021 14:11

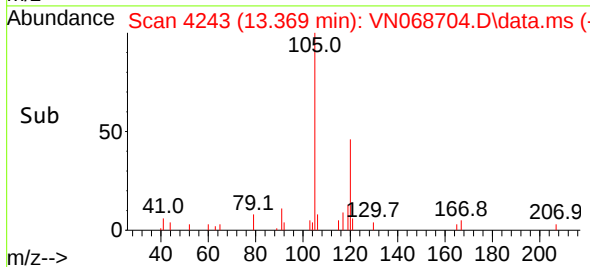
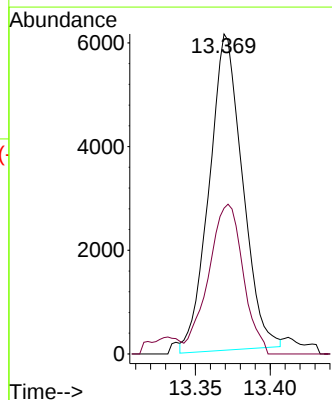
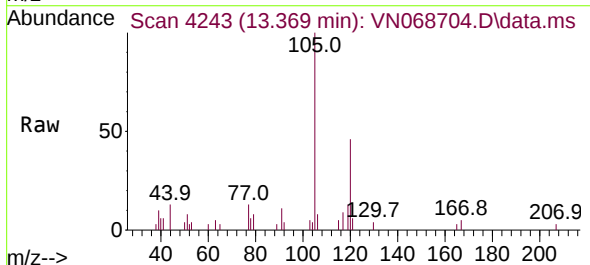
Instrument :
MSVOA_N
ClientSampled :
IBLK

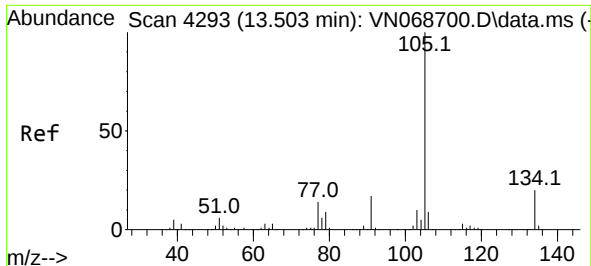
Tgt Ion: 91 Resp: 13366
Ion Ratio Lower Upper
91 100
126 34.2 0.0 68.2



#80
1,2,4-Trimethylbenzene
Concen: 0.522 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. -0.003 min
Lab File: VN068704.D
Acq: 27 Sep 2021 14:11

Tgt Ion: 105 Resp: 9448
Ion Ratio Lower Upper
105 100
120 49.2 0.0 0.2#

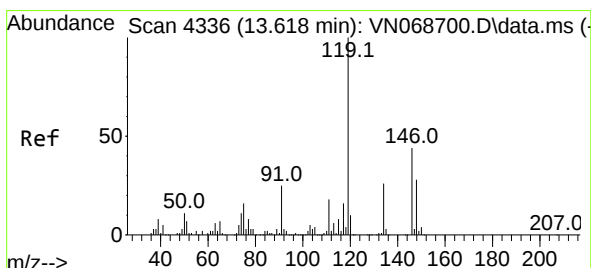
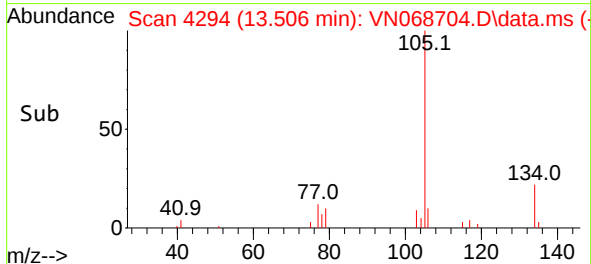
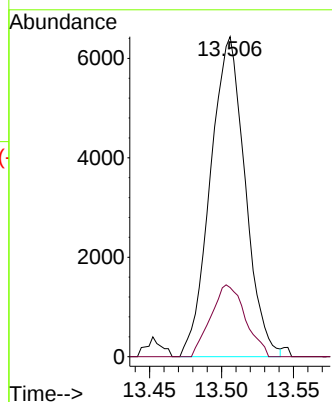
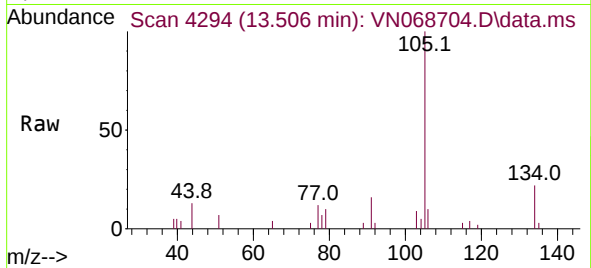




#81
sec-Butylbenzene
Concen: 0.487 ug/l
RT: 13.506 min Scan# 4294
Delta R.T. 0.003 min
Lab File: VN068704.D
Acq: 27 Sep 2021 14:11

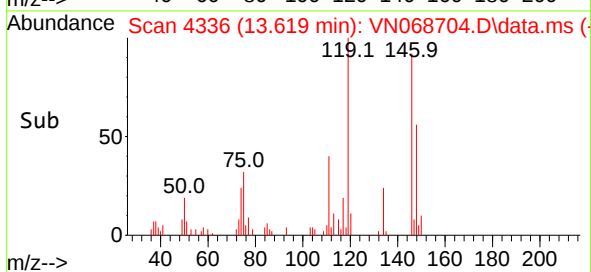
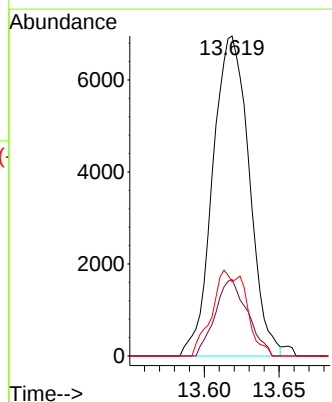
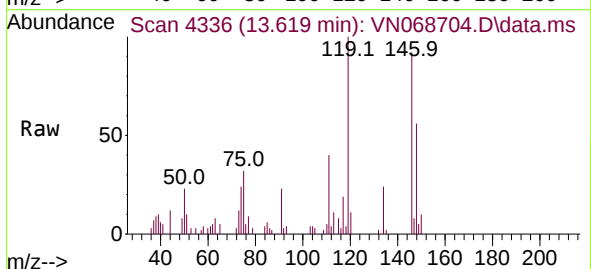
Instrument :
MSVOA_N
ClientSampled :
IBLK

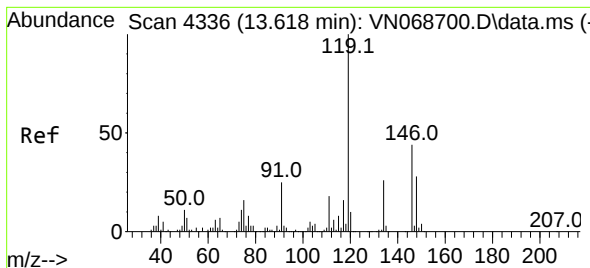
Tgt Ion:105 Resp: 10805
Ion Ratio Lower Upper
105 100
134 22.3 0.0 39.4



#82
p-Isopropyltoluene
Concen: 0.592 ug/l
RT: 13.619 min Scan# 4336
Delta R.T. 0.000 min
Lab File: VN068704.D
Acq: 27 Sep 2021 14:11

Tgt Ion:119 Resp: 11768
Ion Ratio Lower Upper
119 100
134 21.3 0.0 53.6
91 15.1 0.0 49.2





#83

1,3-Dichlorobenzene

Concen: 1.216 ug/l

RT: 13.621 min Scan# 4337

Delta R.T. 0.003 min

Lab File: VN068704.D

Acq: 27 Sep 2021 14:11

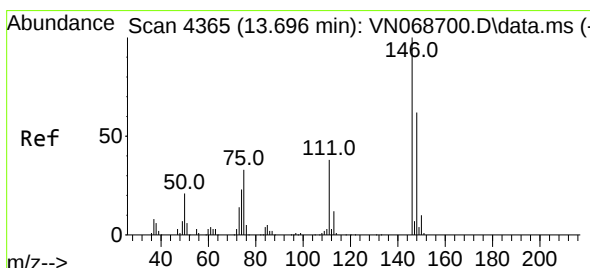
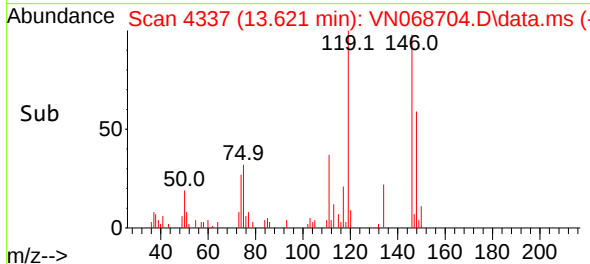
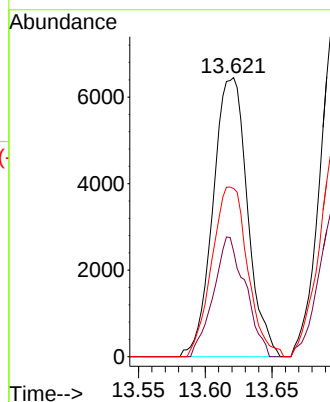
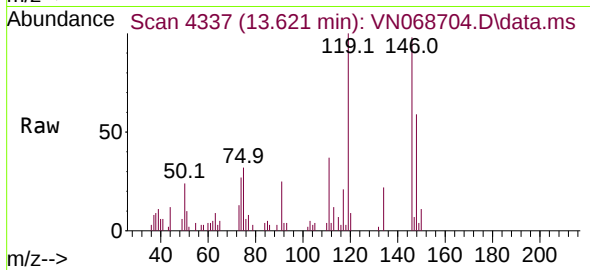
Tgt Ion:	146	Resp:	11581
Ion Ratio	Lower	Upper	
146	100		
111	39.9	20.4	61.3
148	63.0	31.8	95.3

Instrument :

MSVOA_N

ClientSampled :

IBLK



#84

1,4-Dichlorobenzene

Concen: 1.467 ug/l

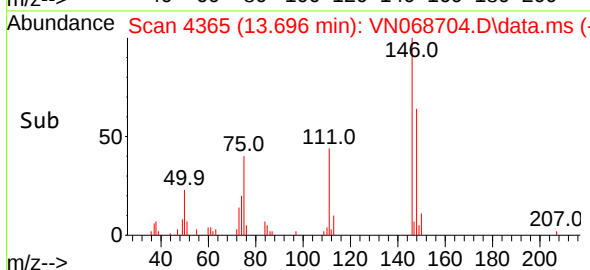
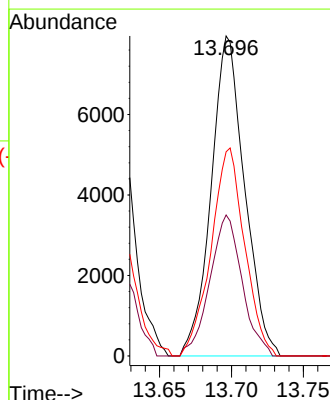
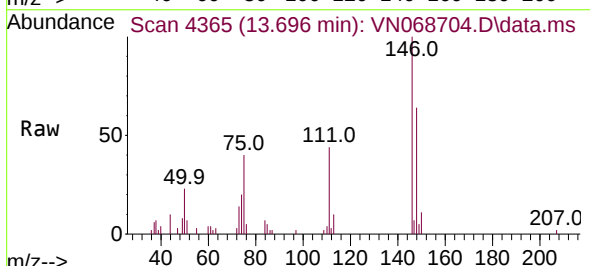
RT: 13.696 min Scan# 4365

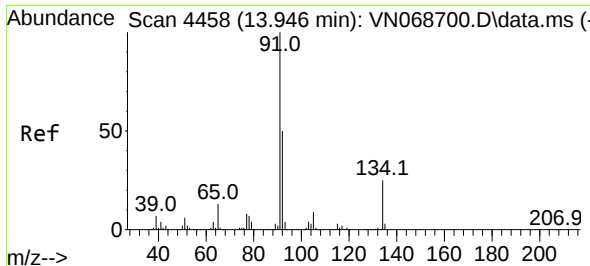
Delta R.T. 0.000 min

Lab File: VN068704.D

Acq: 27 Sep 2021 14:11

Tgt Ion:	146	Resp:	12846
Ion Ratio	Lower	Upper	
146	100		
111	42.5	19.6	58.8
148	65.2	31.8	95.4

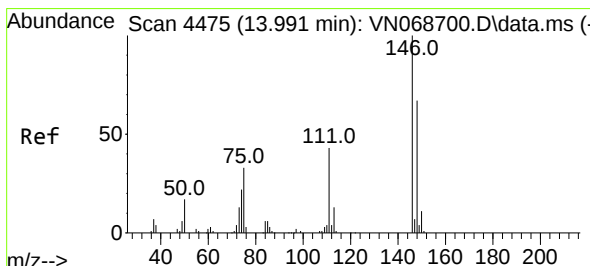
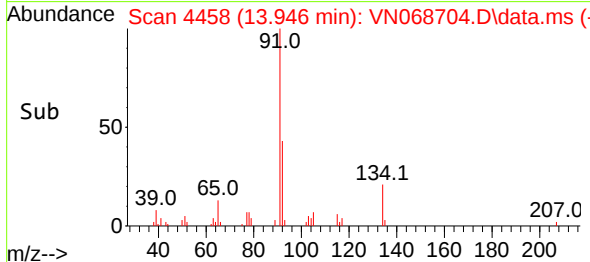
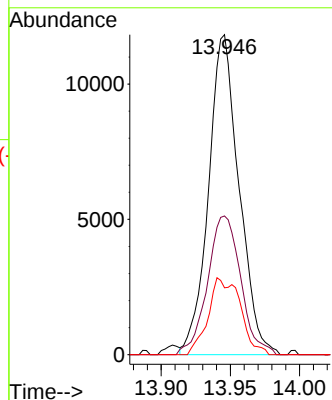
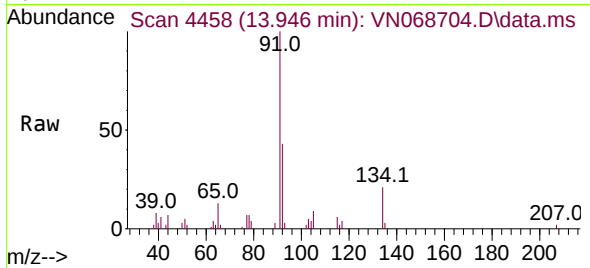




#85
n-Butylbenzene
Concen: 1.147 ug/l
RT: 13.946 min Scan# 4458
Delta R.T. 0.000 min
Lab File: VN068704.D
Acq: 27 Sep 2021 14:11

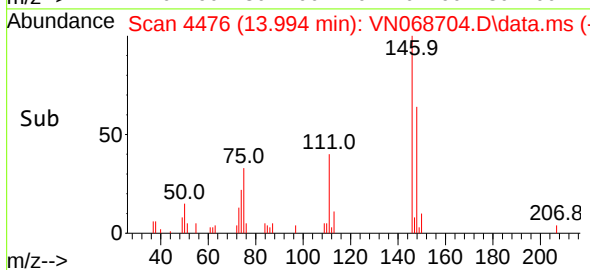
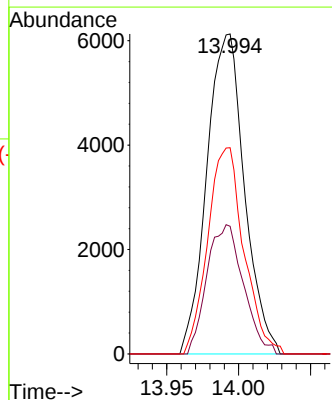
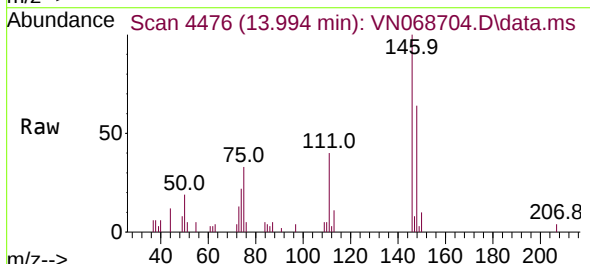
Instrument :
MSVOA_N
ClientSampled :
IBLK

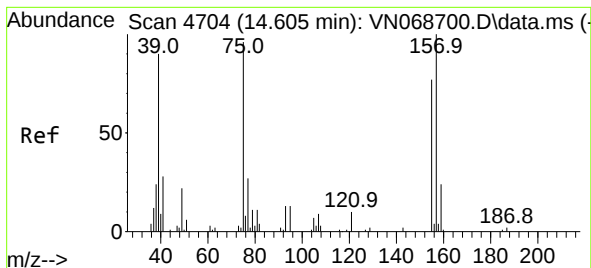
Tgt Ion:	91	Resp:	18163
Ion	Ratio	Lower	Upper
91	100		
92	47.1	0.0	101.6
134	13.4	0.0	49.6



#87
1,2-Dichlorobenzene
Concen: 1.297 ug/l
RT: 13.994 min Scan# 4476
Delta R.T. 0.003 min
Lab File: VN068704.D
Acq: 27 Sep 2021 14:11

Tgt Ion:	146	Resp:	11146
Ion	Ratio	Lower	Upper
146	100		
111	38.8	21.5	64.5
148	61.9	31.9	95.9





#88

1,2-Dibromo-3-Chloropropane

Concen: 3.070 ug/l

RT: 14.608 min Scan# 4705

Delta R.T. 0.003 min

Lab File: VN068704.D

Acq: 27 Sep 2021 14:11

Tgt Ion: 75 Resp: 4210

Ion Ratio Lower Upper

75 100

155 69.4 63.2 94.8

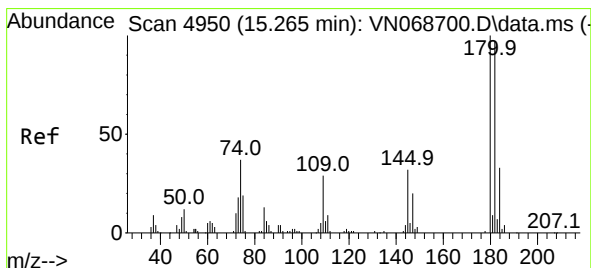
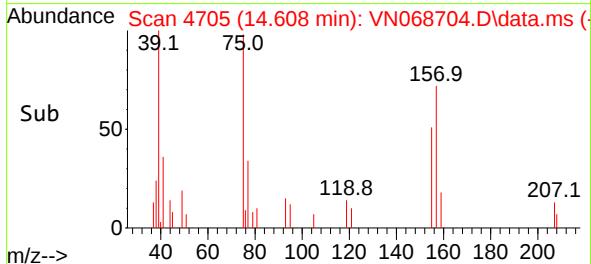
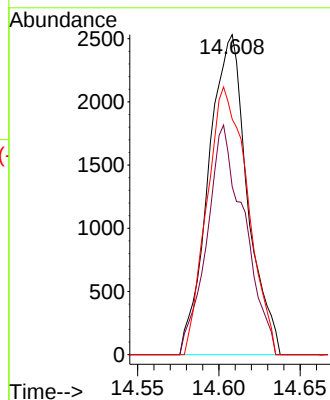
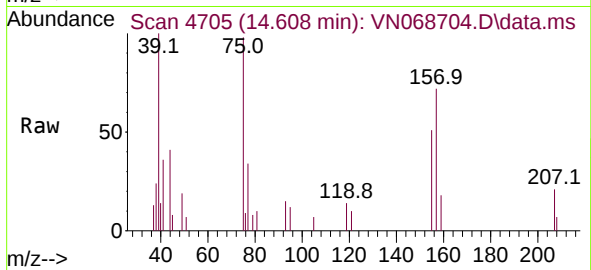
157 87.5 78.6 117.8

Instrument :

MSVOA_N

ClientSampled :

IBLK



#89

1,2,4-Trichlorobenzene

Concen: 6.880 ug/l

RT: 15.702 min Scan# 5113

Delta R.T. 0.437 min

Lab File: VN068704.D

Acq: 27 Sep 2021 14:11

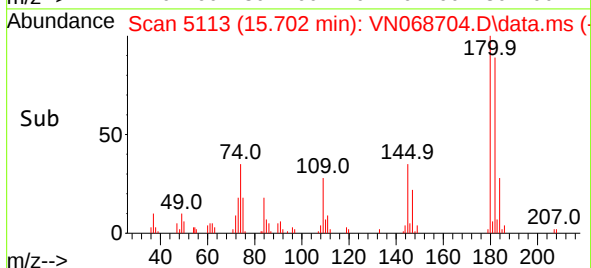
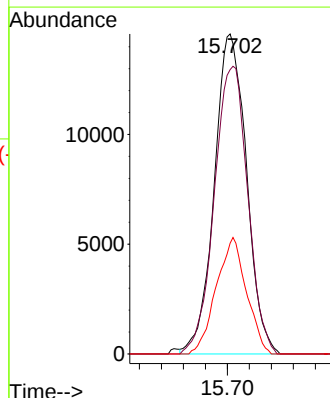
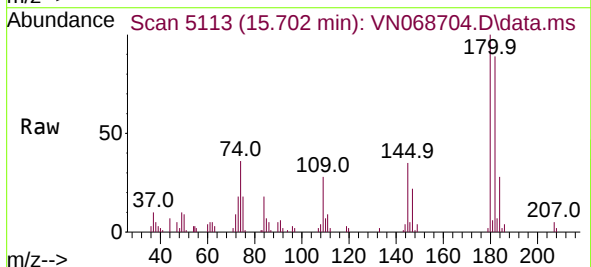
Tgt Ion:180 Resp: 29653

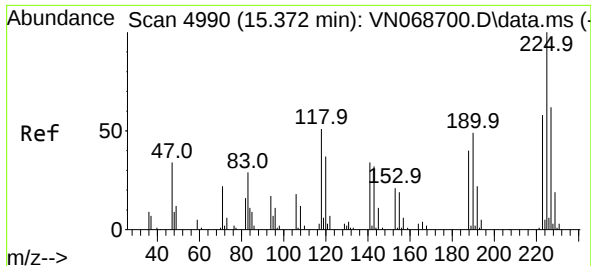
Ion Ratio Lower Upper

180 100

182 93.2 75.6 113.4

145 34.1 24.5 36.7

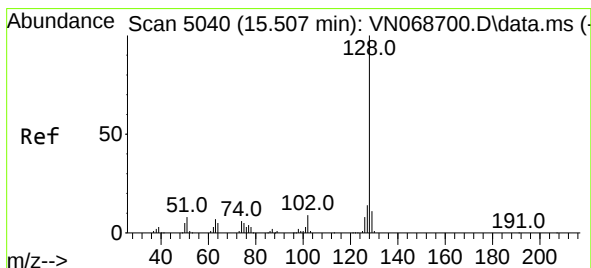
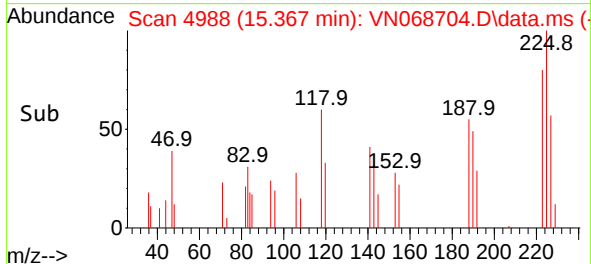
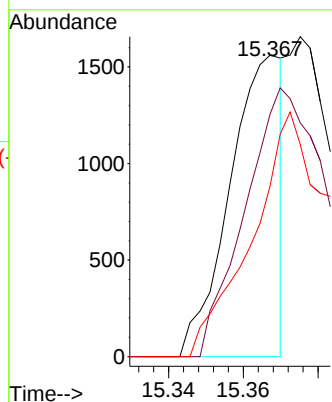
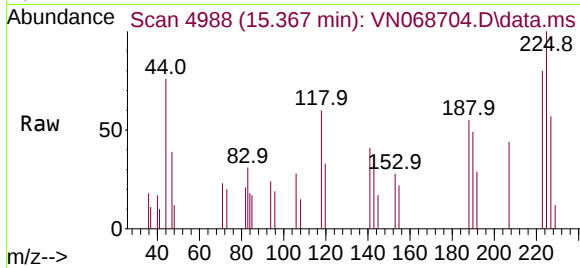




#90
Hexachlorobutadiene
Concen: 0.638 ug/l
RT: 15.367 min Scan# 4988
Delta R.T. -0.005 min
Lab File: VN068704.D
Acq: 27 Sep 2021 14:11

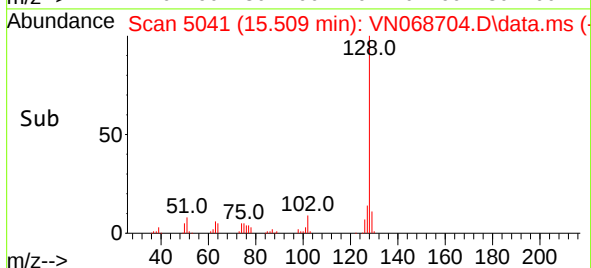
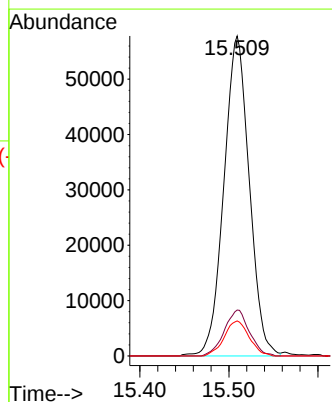
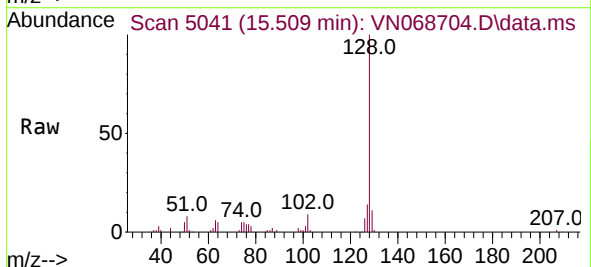
Instrument :
MSVOA_N
ClientSampled :
IBLK

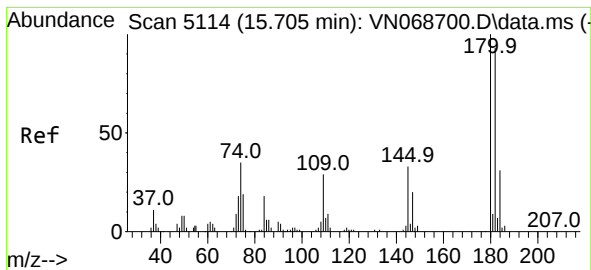
Tgt Ion:225 Resp: 1518
Ion Ratio Lower Upper
225 100
223 138.9 0.0 129.4#
227 124.5 0.0 127.0



#91
Naphthalene
Concen: 10.221 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.003 min
Lab File: VN068704.D
Acq: 27 Sep 2021 14:11

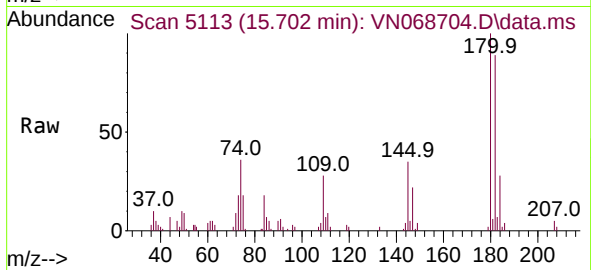
Tgt Ion:128 Resp: 114571
Ion Ratio Lower Upper
128 100
127 14.2 10.9 16.3
129 10.7 9.0 13.6





#92
 1,2,3-Trichlorobenzene
 Concen: 7.228 ug/l
 RT: 15.702 min Scan# 5113
 Delta R.T. -0.003 min
 Lab File: VN068704.D
 Acq: 27 Sep 2021 14:11

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK



Tgt Ion:	180	Resp:	29653
Ion Ratio	Lower	Upper	
180	100		
182	93.2	0.0	190.0
145	34.1	0.0	66.8

