

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031722\
 Data File : VN071342.D
 Acq On : 17 Mar 2022 02:03
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Mar 17 06:40:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N031722W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Mar 17 06:37:08 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.657	128	115428	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.969	114	648547	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.739	117	547536	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.434	65	276991	30.225	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 100.733%	
60) 4-Bromofluorobenzene	12.727	95	213693	25.262	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 84.200%	
63) Toluene-d8	10.439	98	770041	30.572	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 101.900%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.069	85	1900	0.255	ug/l	81
3) Chloromethane	2.299	50	4905	0.493	ug/l	89
4) Vinyl Chloride	2.440	62	2253	0.246	ug/l	92
5) Bromomethane	2.881	94	2654	0.579	ug/l	93
11) Methyl Iodide	4.428	142	2882	0.317	ug/l #	59
12) Methyl Acetate	4.863	43	15490	1.226	ug/l	98
13) Acrolein	4.040	56	3503	2.115	ug/l #	46
14) Acrylonitrile	5.551	53	3888	0.738	ug/l #	84
15) Acetone	4.299	58	1215	0.878	ug/l #	21
16) Carbon Disulfide	4.534	76	22705	1.272	ug/l	99
19) trans-1,2-Dichloroethene	5.604	96	4245	0.612	ug/l #	78
22) cis-1,2-Dichloroethene	7.328	96	2726	0.324	ug/l #	89
26) Cyclohexane	8.098	56	2887	0.219	ug/l #	51
29) 1,1-Dichloropropene	8.222	75	4822	0.462	ug/l	60
30) 2-Butanone	7.328	43	2813	0.381	ug/l #	54
37) Trichloroethene	9.210	130	4188	0.544	ug/l	94
38) Methylcyclohexane	9.457	83	2717	0.217	ug/l #	71
40) Dibromomethane	9.575	93	2304	0.425	ug/l	89
45) 1,4-Dioxane	9.551	88	130	0.632	ug/l #	1
47) n-amyl Acetate	12.386	43	12249	0.799	ug/l	97
48) t-1,3-Dichloropropene	10.722	75	3696	0.311	ug/l #	61
51) Ethyl methacrylate	10.439	69	3080	0.227	ug/l	81
54) 1,2-Dibromoethane	11.339	107	2244	0.274	ug/l	97
55) 2-Chloroethyl vinyl ether	10.039	63	2158	0.524	ug/l #	81
56) Bromoform	12.457	173	1499	0.236	ug/l #	98
58) 4-Methyl-2-Pentanone	10.333	43	11462	0.872	ug/l #	94
59) 2-Hexanone	11.080	43	25264	2.585	ug/l	97
61) Tetrachloroethene	10.975	164	3330	0.558	ug/l #	51
62) Toluene	10.510	91	8749	0.279	ug/l	98
64) Chlorobenzene	11.763	112	10231	0.539	ug/l	97
66) Ethyl Benzene	11.839	91	11871	0.344	ug/l	89
67) m/p-Xylenes	11.951	106	9019	0.696	ug/l	98
68) o-Xylene	12.280	106	3266	0.250	ug/l	100
69) Styrene	12.298	104	8422	0.410	ug/l	89
70) Isopropylbenzene	12.575	105	9768	0.296	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.827	83	4592	0.401	ug/l	95
72) 1,2,3-Trichloropropane	12.880	75	6506	0.625	ug/l	85
73) Bromobenzene	12.863	156	5767	0.746	ug/l	90
74) n-propylbenzene	12.922	91	19526	0.537	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031722\
 Data File : VN071342.D
 Acq On : 17 Mar 2022 02:03
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Mar 17 06:40:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N031722W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Mar 17 06:37:08 2022
 Response via : Initial Calibration

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

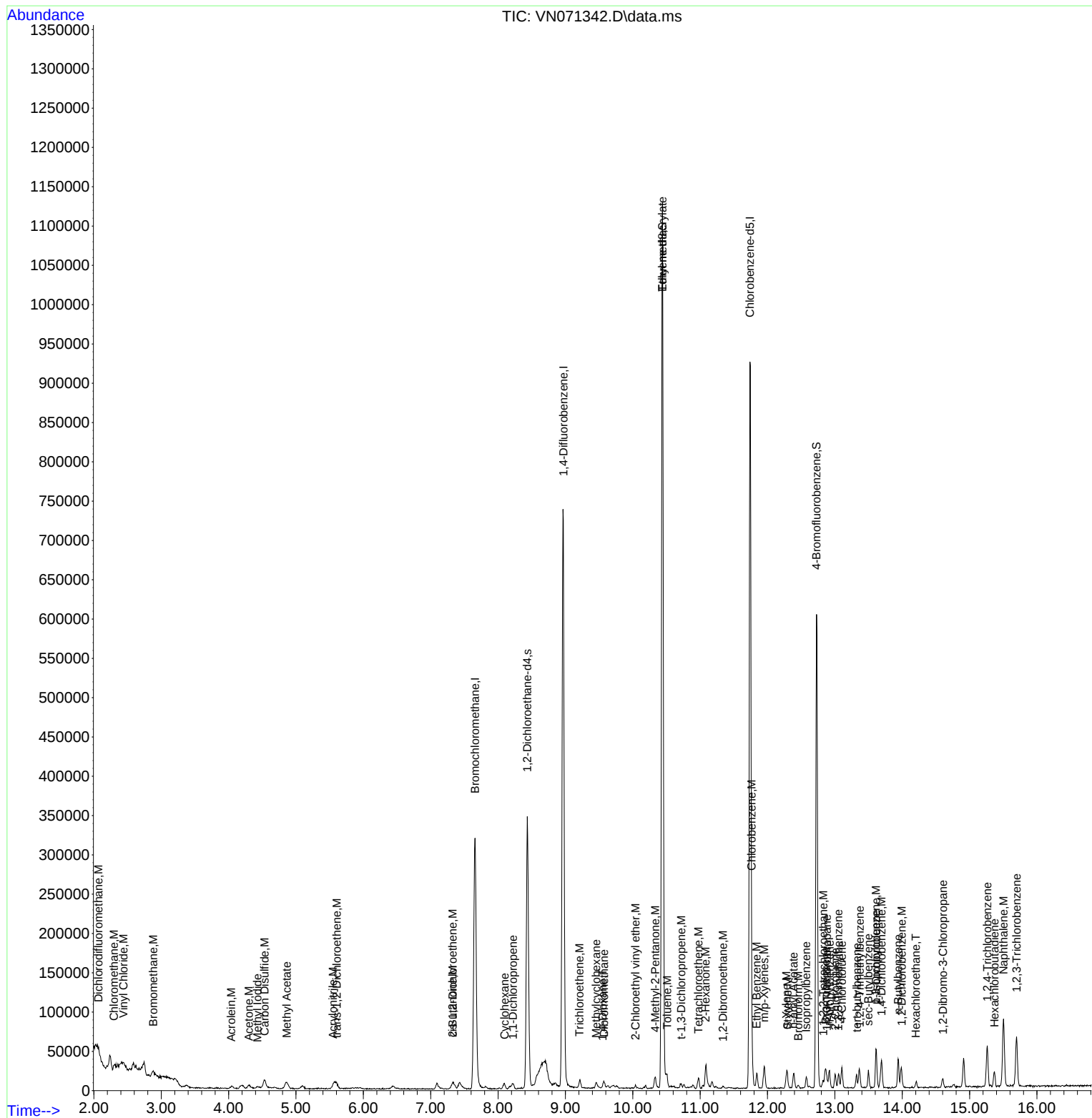
75) 2-Chlorotoluene	13.004	91	11243	0.493	ug/l	86
76) 1,3,5-Trimethylbenzene	13.051	105	9324	0.356	ug/l	99
78) 4-Chlorotoluene	13.104	91	16230	0.768	ug/l	98
79) tert-butylbenzene	13.327	119	8567	0.358	ug/l	94
80) 1,2,4-Trimethylbenzene	13.369	105	11437	0.450	ug/l #	79
81) sec-Butylbenzene	13.498	105	14798	0.465	ug/l	95
82) p-Isopropyltoluene	13.610	119	13542	0.529	ug/l	96
83) 1,3-Dichlorobenzene	13.610	146	12410	0.984	ug/l	96
84) 1,4-Dichlorobenzene	13.692	146	15334	1.277	ug/l	99
85) n-Butylbenzene	13.939	91	21315	1.118	ug/l	95
86) Hexachloroethane	14.204	117	1243	0.255	ug/l	88
87) 1,2-Dichlorobenzene	13.992	146	11887	0.971	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.604	75	3392	1.543	ug/l	92
89) 1,2,4-Trichlorobenzene	15.263	180	18710	3.302	ug/l	98
90) Hexachlorobutadiene	15.368	225	4207	1.314	ug/l	97
91) Naphthalene	15.504	128	82533	4.653	ug/l	99
92) 1,2,3-Trichlorobenzene	15.698	180	24506	4.217	ug/l	96

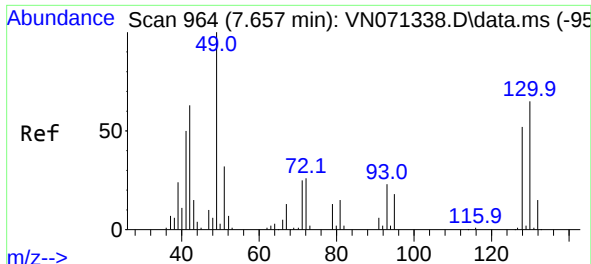
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031722\
Data File : VN071342.D
Acq On : 17 Mar 2022 02:03
Operator : JC\MD
Sample : IBLK
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Quant Time: Mar 17 06:40:00 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N031722W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Mar 17 06:37:08 2022
Response via : Initial Calibration

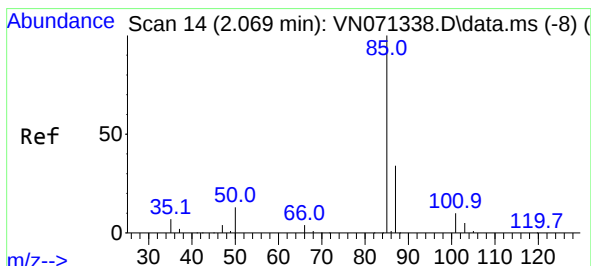
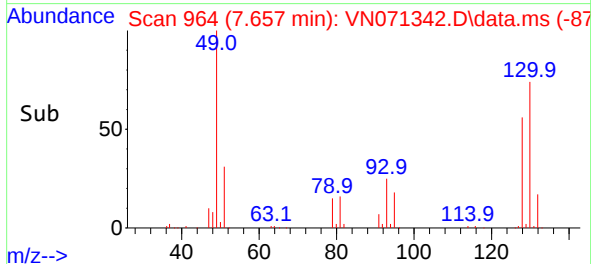
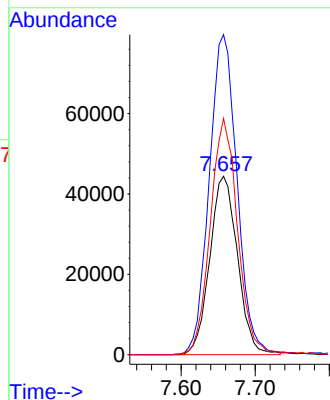
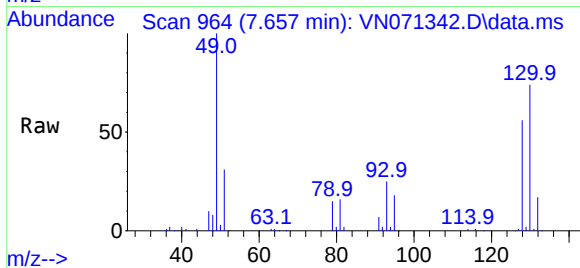




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.657 min Scan# 9
Delta R.T. 0.000 min
Lab File: VN071342.D
Acq: 17 Mar 2022 02:03

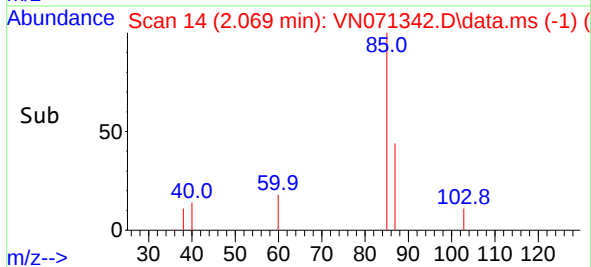
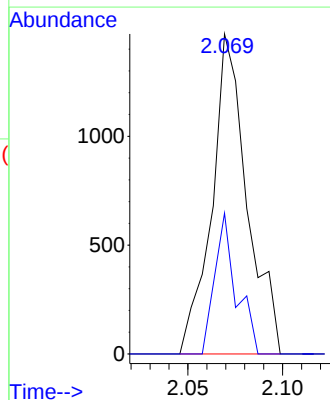
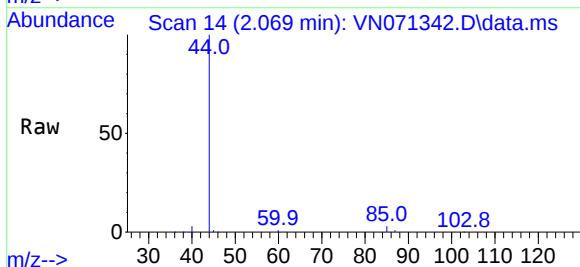
Instrument :
MSVOA_N
ClientSampleId :
IBLK

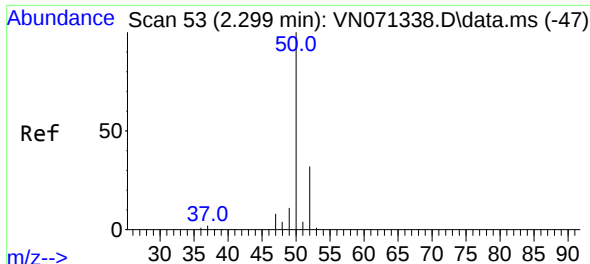
Tgt Ion:128 Resp: 115428
Ion Ratio Lower Upper
128 100
49 180.5 0.0 392.3
130 129.3 0.0 320.2



#2
Dichlorodifluoromethane
Concen: 0.255 ug/l
RT: 2.069 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN071342.D
Acq: 17 Mar 2022 02:03

Tgt Ion: 85 Resp: 1900
Ion Ratio Lower Upper
85 100
87 44.0 16.6 49.7

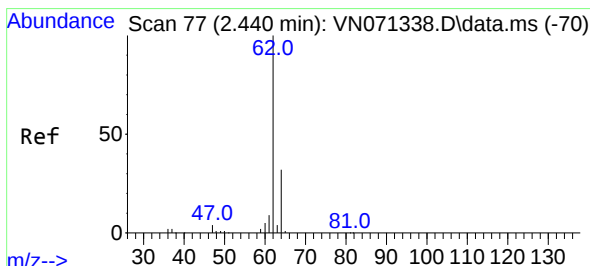
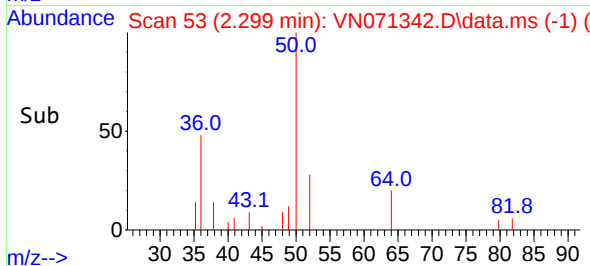
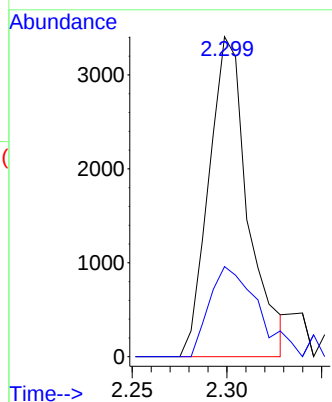
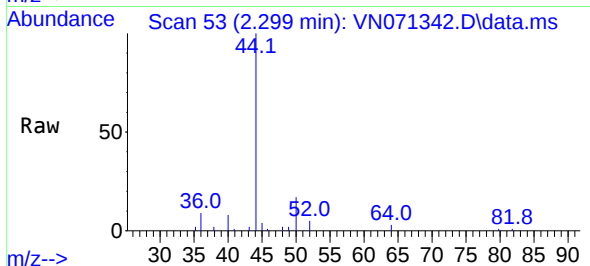




#3
Chloromethane
Concen: 0.493 ug/l
RT: 2.299 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN071342.D
Acq: 17 Mar 2022 02:03

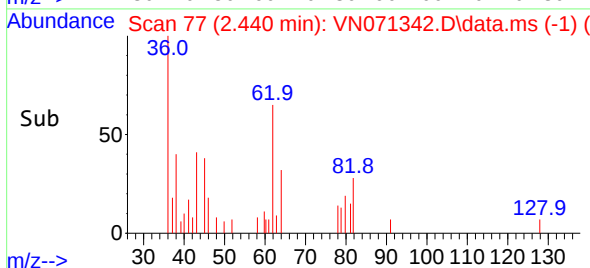
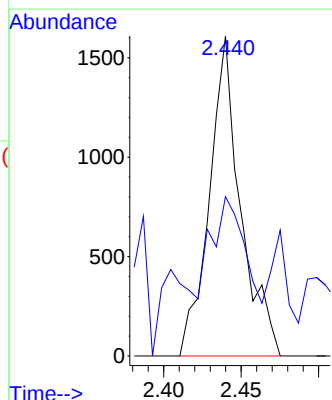
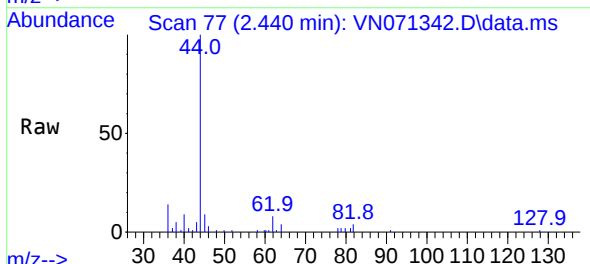
Instrument :
MSVOA_N
ClientSampleId :
IBLK

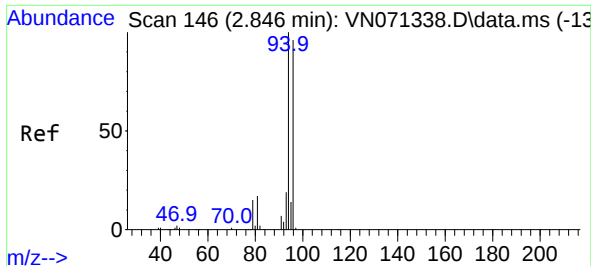
Tgt Ion: 50 Resp: 4905
Ion Ratio Lower Upper
50 100
52 28.1 27.8 41.6



#4
Vinyl Chloride
Concen: 0.246 ug/l
RT: 2.440 min Scan# 77
Delta R.T. 0.000 min
Lab File: VN071342.D
Acq: 17 Mar 2022 02:03

Tgt Ion: 62 Resp: 2253
Ion Ratio Lower Upper
62 100
64 27.2 25.1 37.7

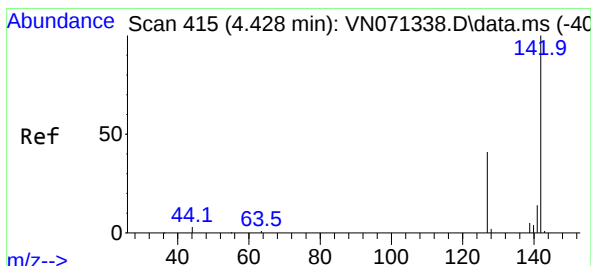
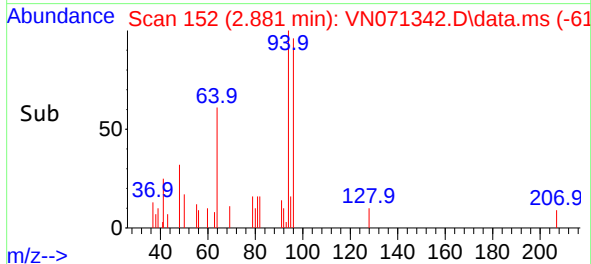
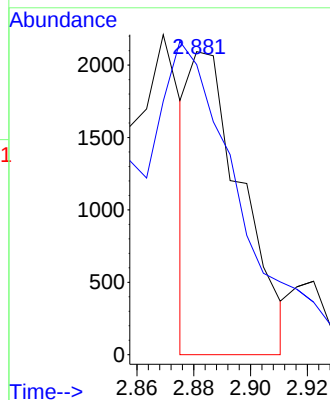
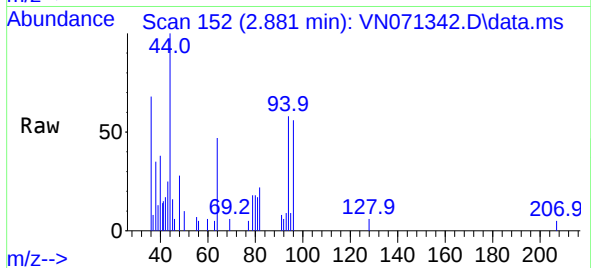




#5
Bromomethane
Concen: 0.579 ug/l
RT: 2.881 min Scan# 11
Delta R.T. 0.035 min
Lab File: VN071342.D
Acq: 17 Mar 2022 02:03

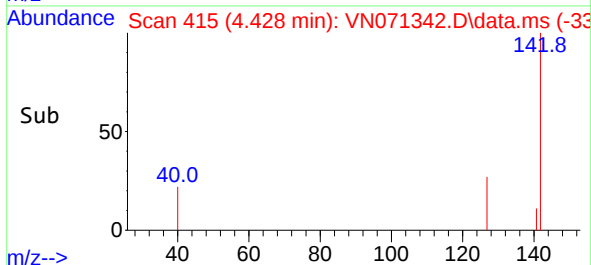
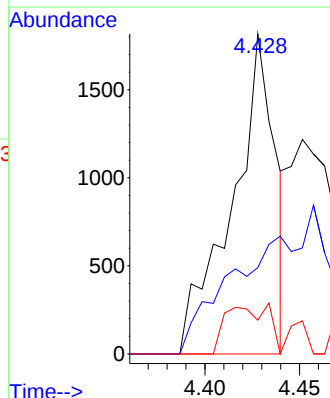
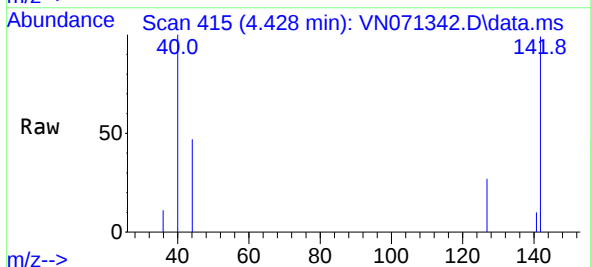
Instrument :
MSVOA_N
ClientSampleId :
IBLK

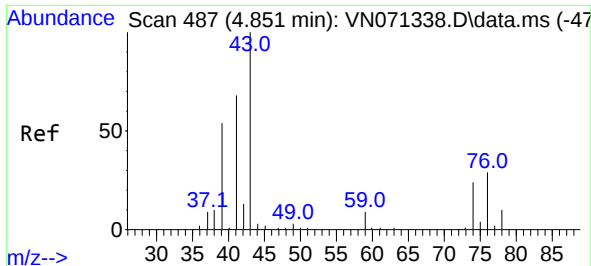
Tgt Ion: 94 Resp: 2654
Ion Ratio Lower Upper
94 100
96 87.0 75.2 112.8



#11
Methyl Iodide
Concen: 0.317 ug/l
RT: 4.428 min Scan# 415
Delta R.T. 0.000 min
Lab File: VN071342.D
Acq: 17 Mar 2022 02:03

Tgt Ion: 142 Resp: 2882
Ion Ratio Lower Upper
142 100
127 12.0 24.0 72.0#
141 14.7 8.4 25.2

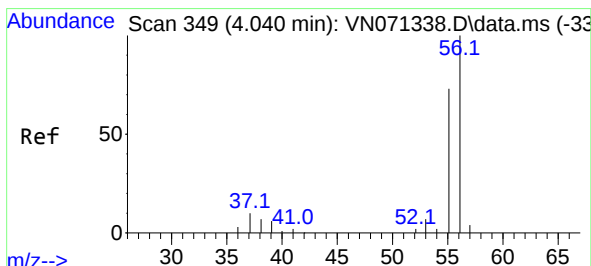
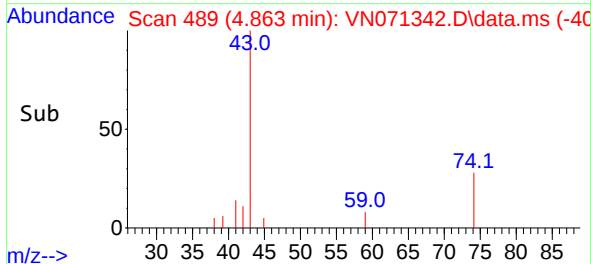
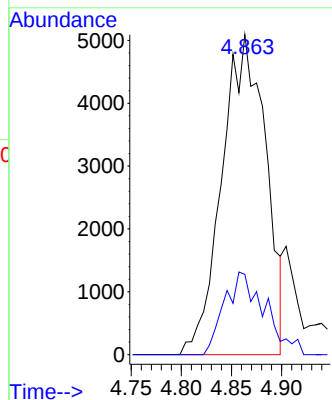
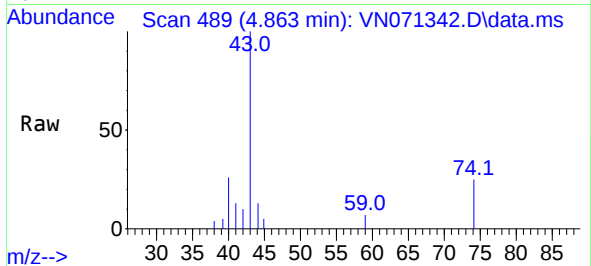




#12
Methyl Acetate
Concen: 1.226 ug/l
RT: 4.863 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN071342.D
Acq: 17 Mar 2022 02:03

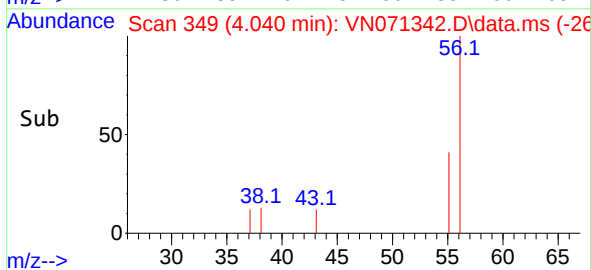
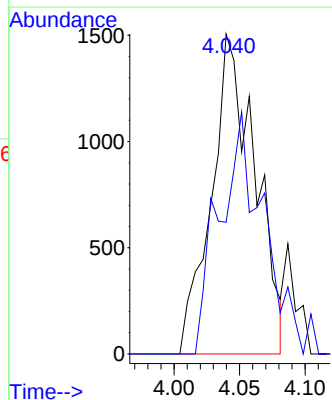
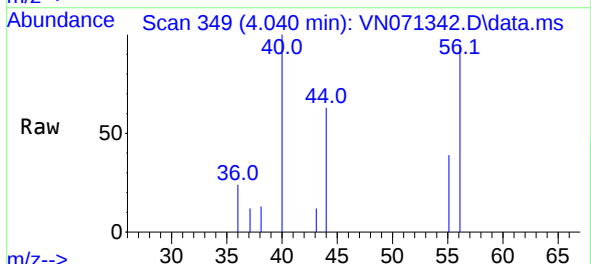
Instrument :
MSVOA_N
ClientSampleId :
IBLK

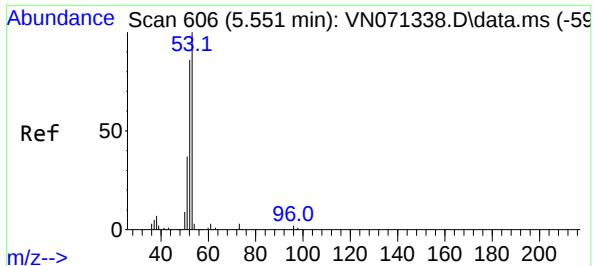
Tgt Ion: 43 Resp: 15490
Ion Ratio Lower Upper
43 100
74 27.2 20.8 31.2



#13
Acrolein
Concen: 2.115 ug/l
RT: 4.040 min Scan# 349
Delta R.T. 0.000 min
Lab File: VN071342.D
Acq: 17 Mar 2022 02:03

Tgt Ion: 56 Resp: 3503
Ion Ratio Lower Upper
56 100
55 26.9 57.6 86.4#

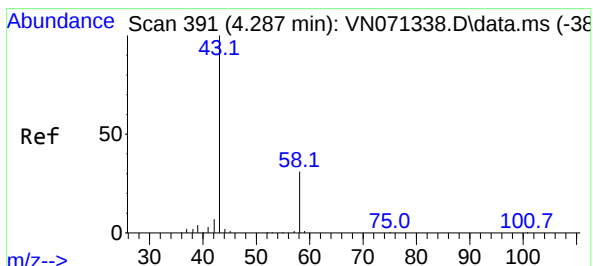
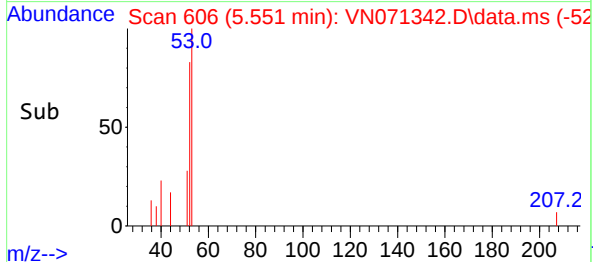
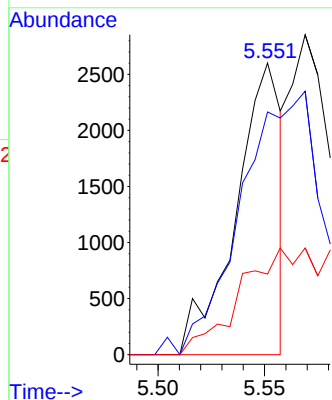
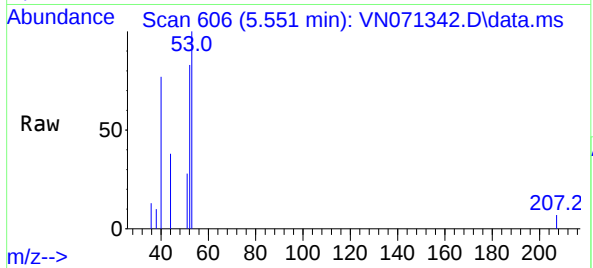




#14
Acrylonitrile
Concen: 0.738 ug/l
RT: 5.551 min Scan# 606
Delta R.T. 0.000 min
Lab File: VN071342.D
Acq: 17 Mar 2022 02:03

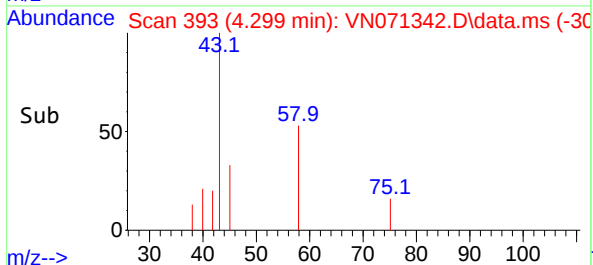
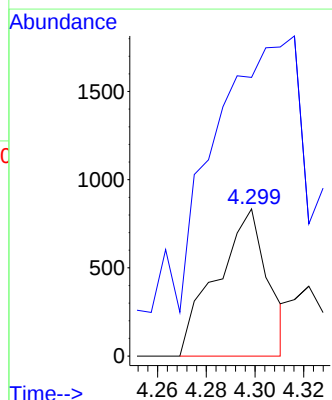
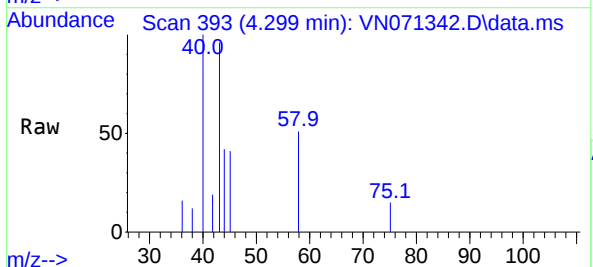
Instrument :
MSVOA_N
ClientSampleId :
IBLK

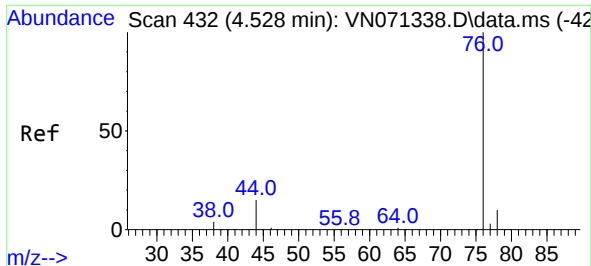
Tgt Ion: 53 Resp: 3888
Ion Ratio Lower Upper
53 100
52 87.4 41.8 125.4
51 13.1 19.0 57.0#



#15
Acetone
Concen: 0.878 ug/l
RT: 4.299 min Scan# 393
Delta R.T. 0.012 min
Lab File: VN071342.D
Acq: 17 Mar 2022 02:03

Tgt Ion: 58 Resp: 1215
Ion Ratio Lower Upper
58 100
43 159.7 256.6 384.8#

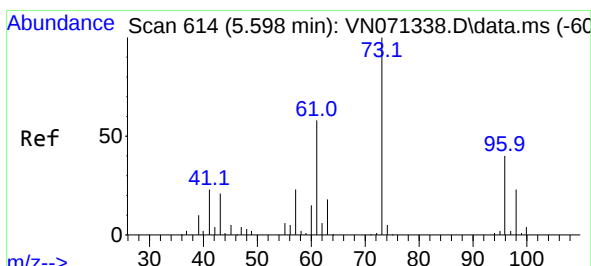
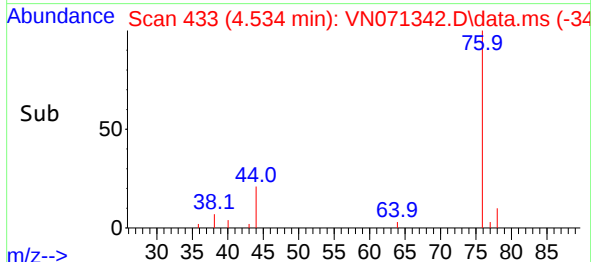
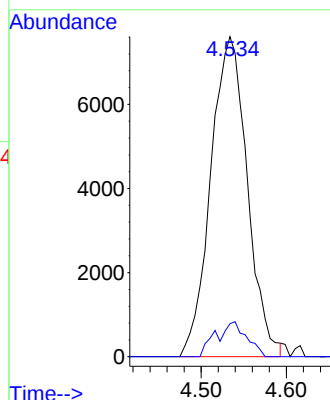
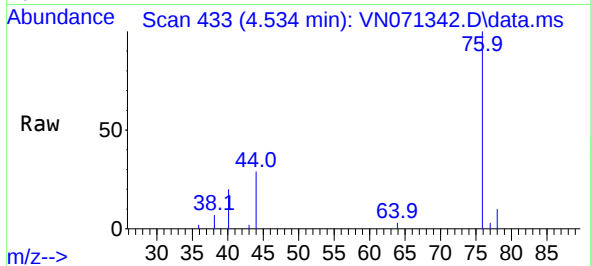




#16
Carbon Disulfide
Concen: 1.272 ug/l
RT: 4.534 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN071342.D
Acq: 17 Mar 2022 02:03

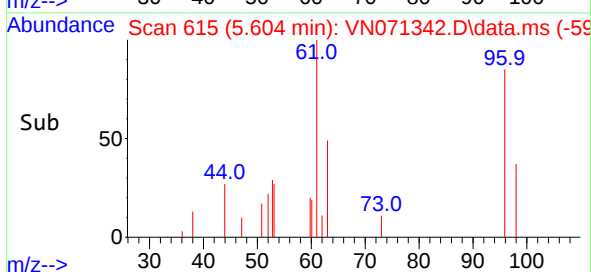
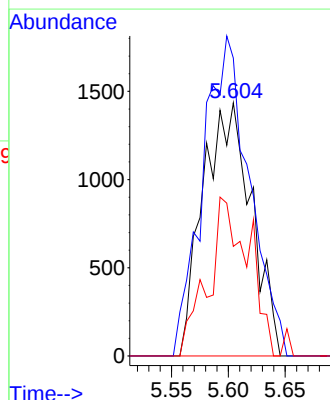
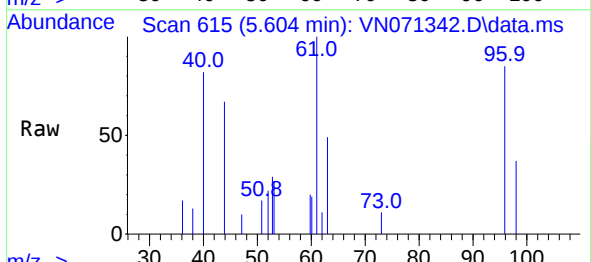
Instrument :
MSVOA_N
ClientSampleId :
IBLK

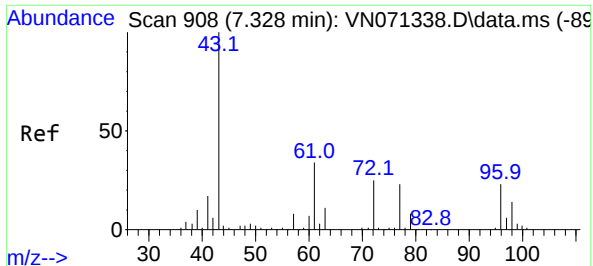
Tgt Ion: 76 Resp: 22705
Ion Ratio Lower Upper
76 100
78 10.3 7.8 11.8



#19
trans-1,2-Dichloroethene
Concen: 0.612 ug/l
RT: 5.604 min Scan# 615
Delta R.T. 0.006 min
Lab File: VN071342.D
Acq: 17 Mar 2022 02:03

Tgt Ion: 96 Resp: 4245
Ion Ratio Lower Upper
96 100
61 103.8 102.8 154.2
98 43.3 49.3 73.9#

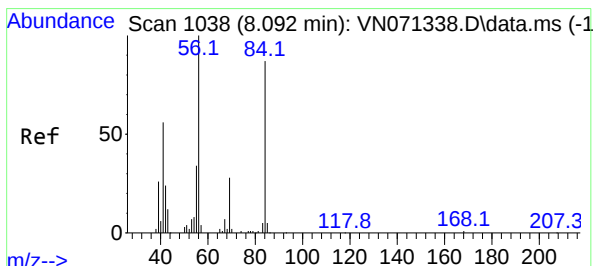
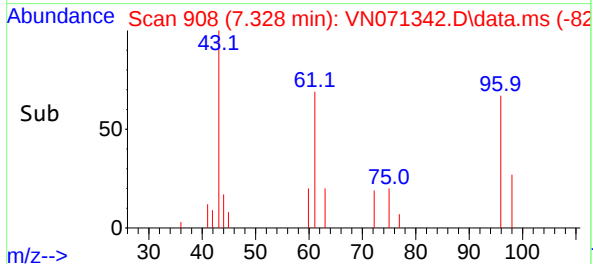
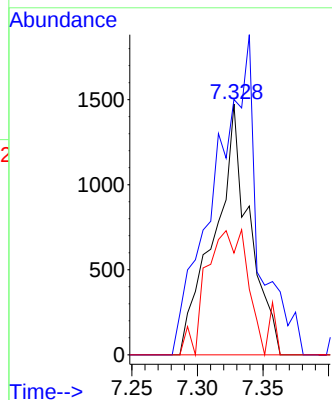
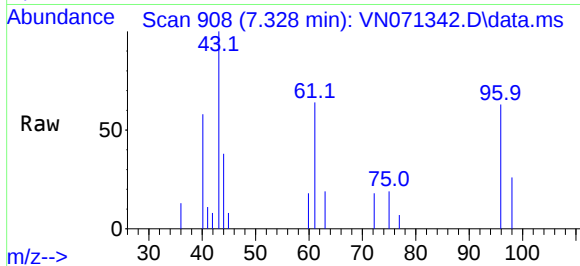




#22
cis-1,2-Dichloroethene
Concen: 0.324 ug/l
RT: 7.328 min Scan# 908
Delta R.T. 0.000 min
Lab File: VN071342.D
Acq: 17 Mar 2022 02:03

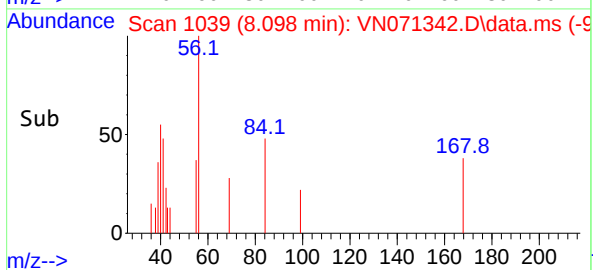
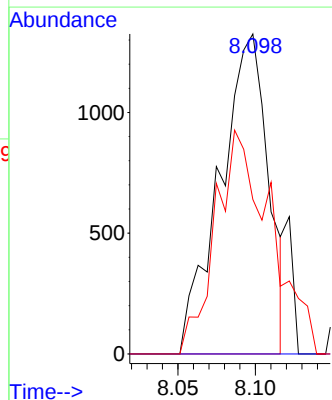
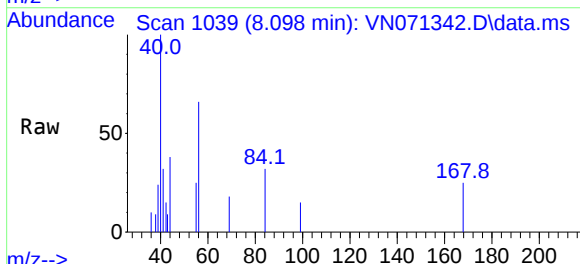
Instrument :
MSVOA_N
ClientSampleId :
IBLK

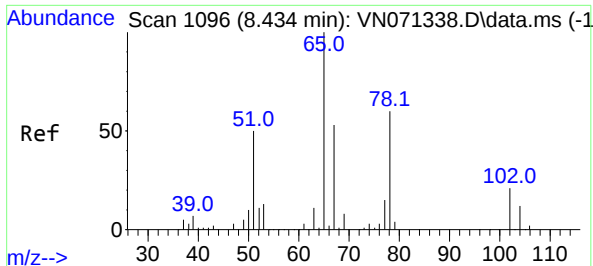
Tgt Ion: 96 Resp: 2726
Ion Ratio Lower Upper
96 100
61 142.4 115.7 173.5
98 39.5 51.6 77.4#



#26
Cyclohexane
Concen: 0.219 ug/l
RT: 8.098 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VN071342.D
Acq: 17 Mar 2022 02:03

Tgt Ion: 56 Resp: 2887
Ion Ratio Lower Upper
56 100
89 0.0 0.1 0.1#
84 46.4 74.6 111.8#

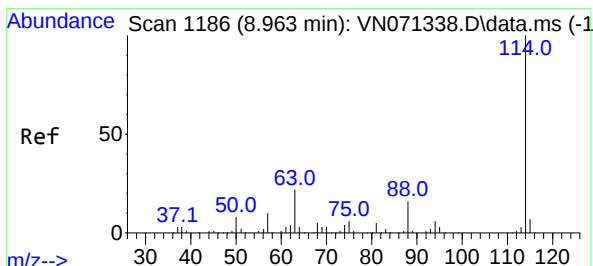
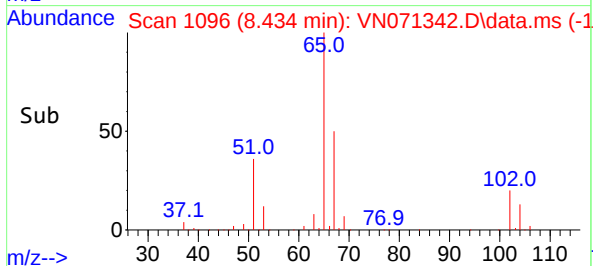
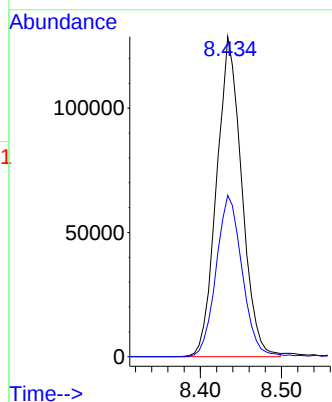
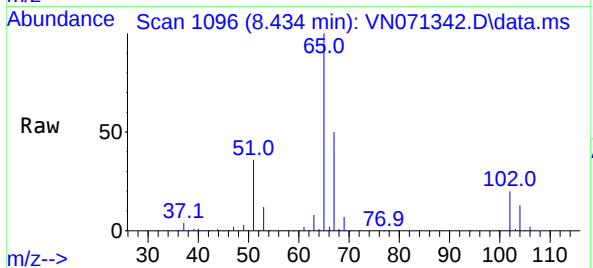




#27
1,2-Dichloroethane-d4
Concen: 30.225 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. 0.000 min
Lab File: VN071342.D
Acq: 17 Mar 2022 02:03

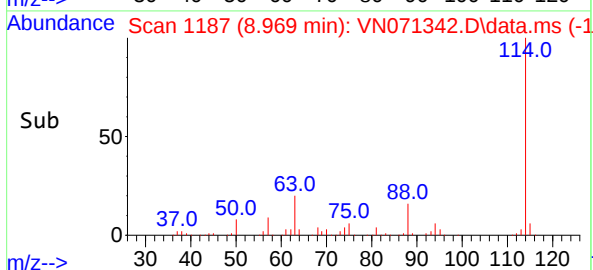
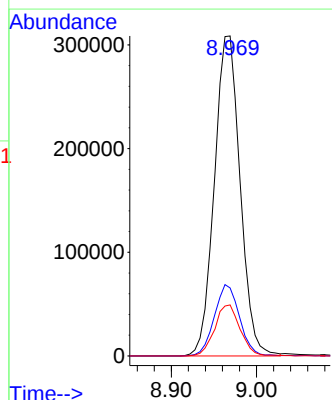
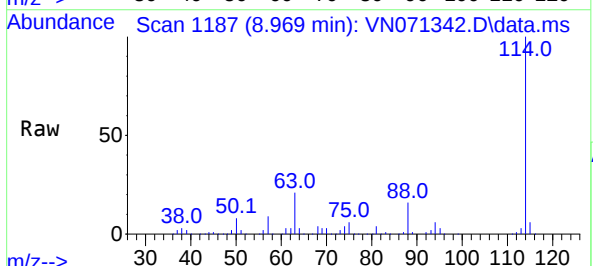
Instrument :
MSVOA_N
ClientSampleId :
IBLK

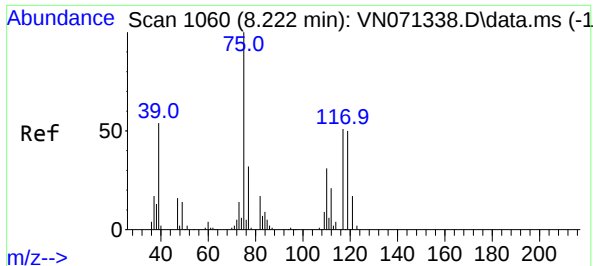
Tgt Ion: 65 Resp: 276991
Ion Ratio Lower Upper
65 100
67 52.1 40.2 60.2



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.969 min Scan# 1187
Delta R.T. 0.006 min
Lab File: VN071342.D
Acq: 17 Mar 2022 02:03

Tgt Ion: 114 Resp: 648547
Ion Ratio Lower Upper
114 100
63 21.8 15.8 23.6
88 15.7 11.6 17.4

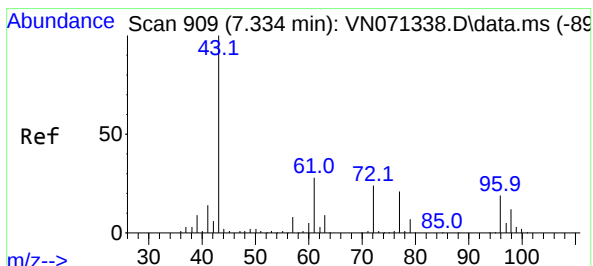
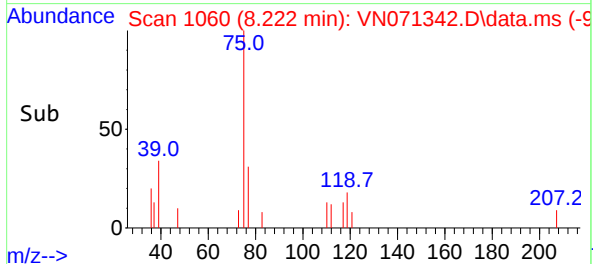
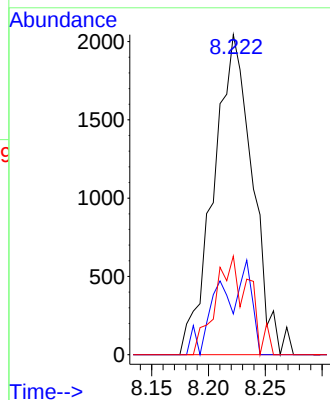
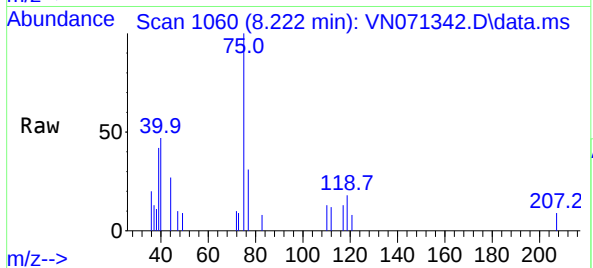




#29
1,1-Dichloropropene
Concen: 0.462 ug/l
RT: 8.222 min Scan# 1060
Delta R.T. 0.000 min
Lab File: VN071342.D
Acq: 17 Mar 2022 02:03

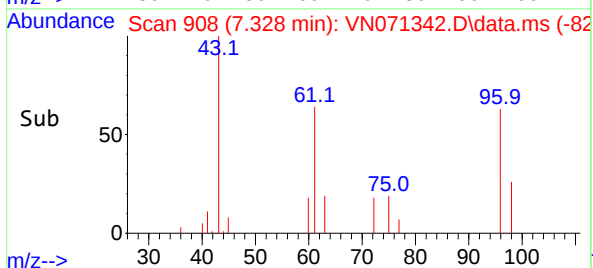
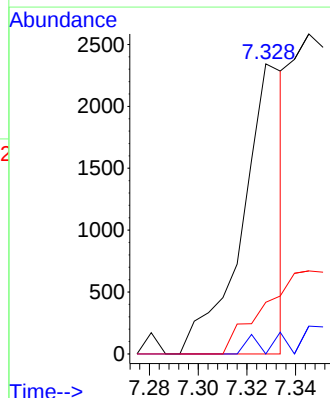
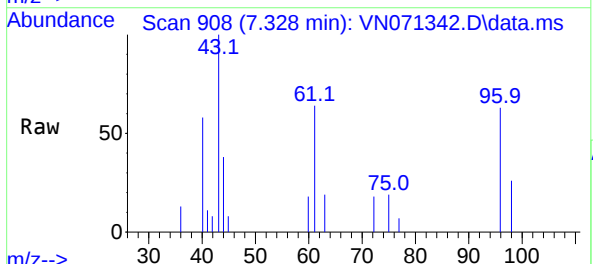
Instrument :
MSVOA_N
ClientSampleId :
IBLK

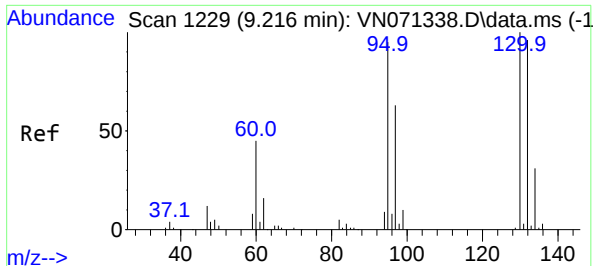
Tgt Ion:	75	Resp:	4822
Ion	Ratio	Lower	Upper
75	100		
110	12.4	0.0	74.2
77	10.8	0.0	63.2



#30
2-Butanone
Concen: 0.381 ug/l
RT: 7.328 min Scan# 908
Delta R.T. -0.006 min
Lab File: VN071342.D
Acq: 17 Mar 2022 02:03

Tgt Ion:	43	Resp:	2813
Ion	Ratio	Lower	Upper
43	100		
57	2.2	6.7	10.1#
72	0.0	23.2	34.8#

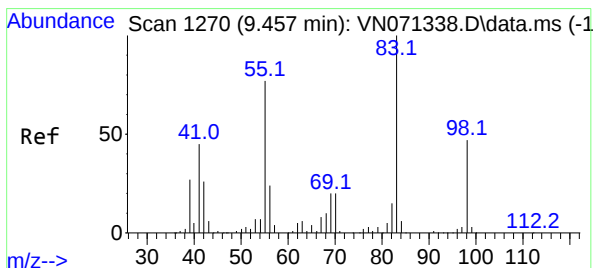
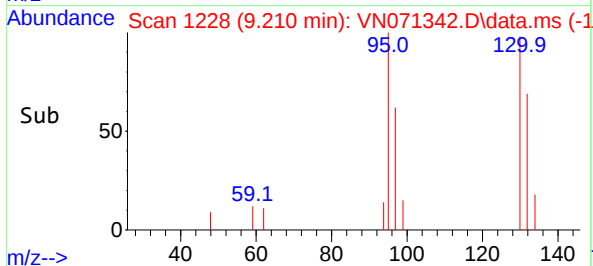
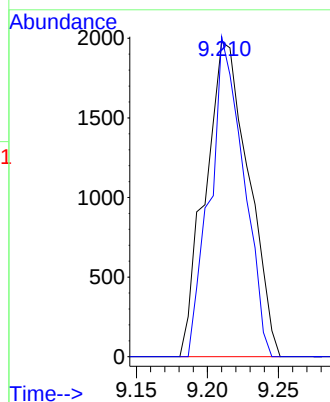
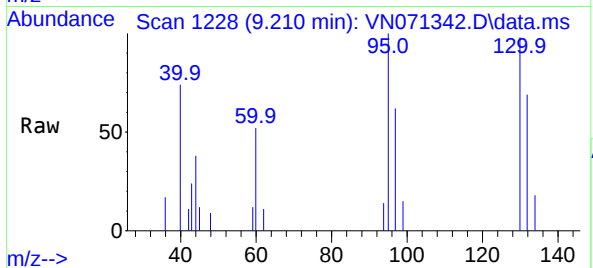




#37
Trichloroethene
Concen: 0.544 ug/l
RT: 9.210 min Scan# 1229
Delta R.T. -0.006 min
Lab File: VN071342.D
Acq: 17 Mar 2022 02:03

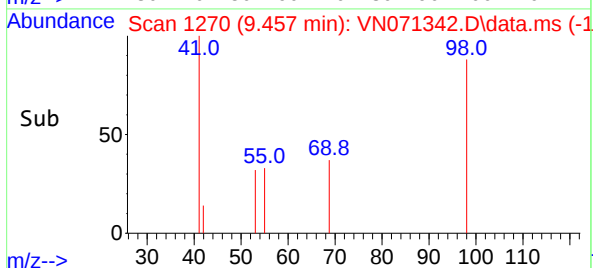
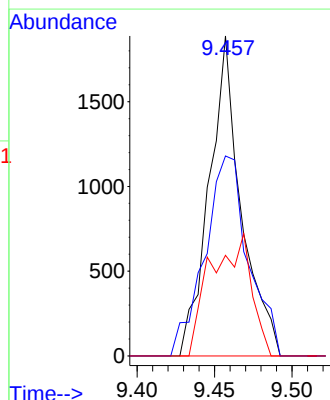
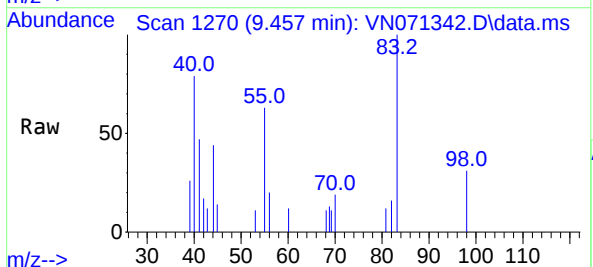
Instrument :
MSVOA_N
ClientSampleId :
IBLK

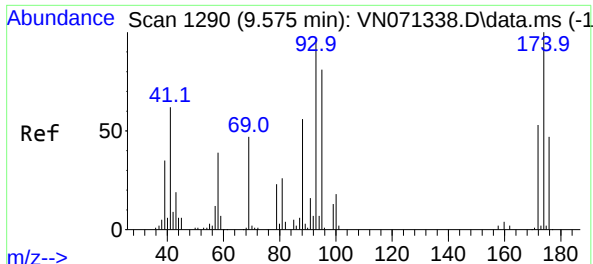
Tgt Ion:130 Resp: 4188
Ion Ratio Lower Upper
130 100
95 101.7 76.6 115.0



#38
Methylcyclohexane
Concen: 0.217 ug/l
RT: 9.457 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VN071342.D
Acq: 17 Mar 2022 02:03

Tgt Ion: 83 Resp: 2717
Ion Ratio Lower Upper
83 100
55 85.1 35.1 105.3
98 16.0 23.4 70.2#

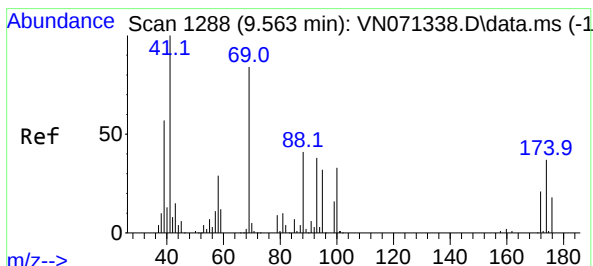
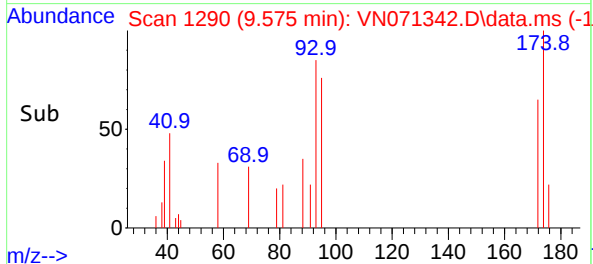
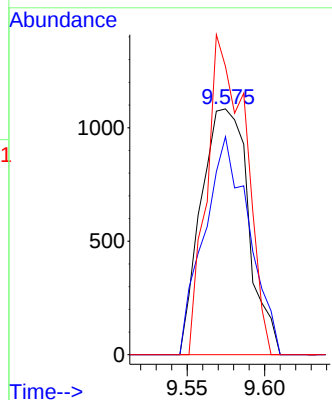
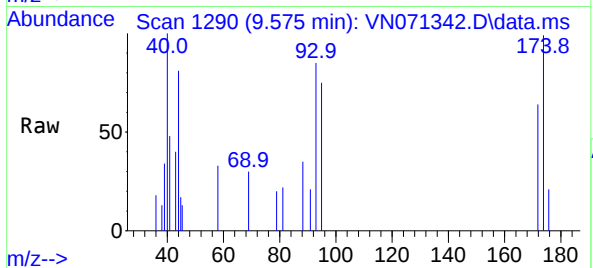




#40
Dibromomethane
Concen: 0.425 ug/l
RT: 9.575 min Scan# 1290
Delta R.T. 0.000 min
Lab File: VN071342.D
Acq: 17 Mar 2022 02:03

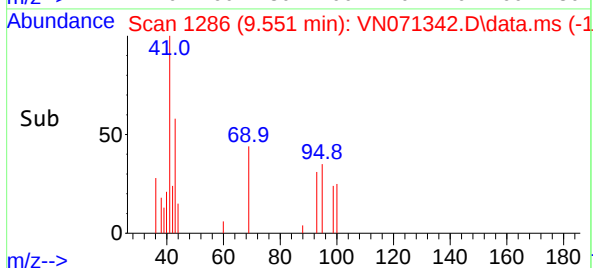
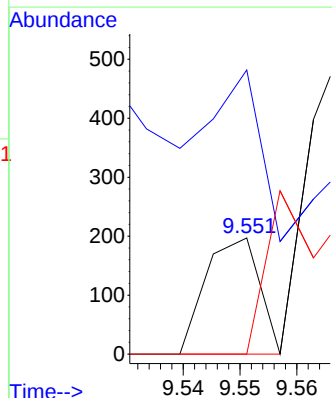
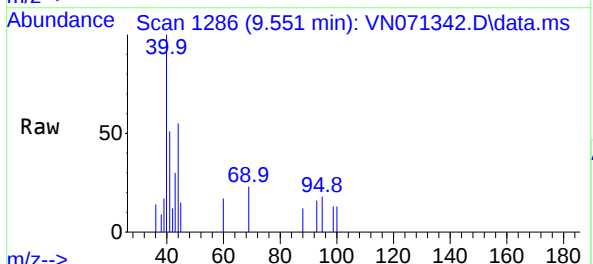
Instrument :
MSVOA_N
ClientSampleId :
IBLK

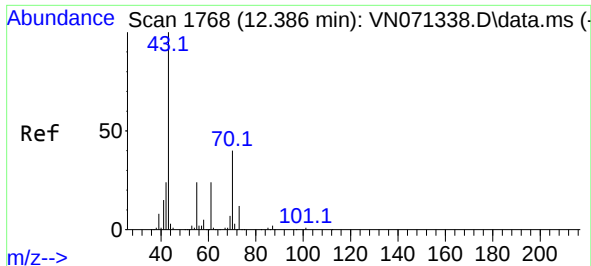
Tgt Ion: 93 Resp: 2304
Ion Ratio Lower Upper
93 100
95 84.0 0.0 168.8
174 105.8 0.0 173.6



#45
1,4-Dioxane
Concen: 0.632 ug/l
RT: 9.551 min Scan# 1286
Delta R.T. -0.012 min
Lab File: VN071342.D
Acq: 17 Mar 2022 02:03

Tgt Ion: 88 Resp: 130
Ion Ratio Lower Upper
88 100
43 135.4 25.0 37.6#
58 119.2 49.4 74.2#

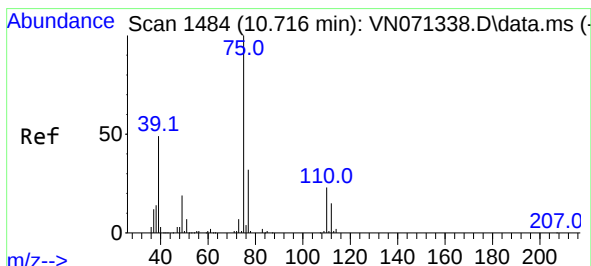
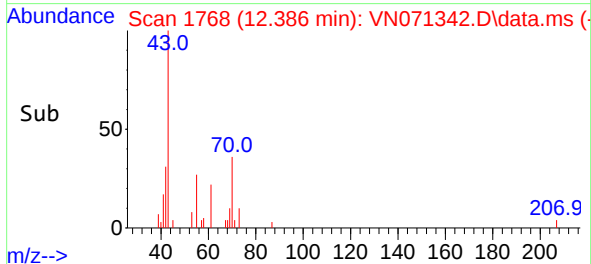
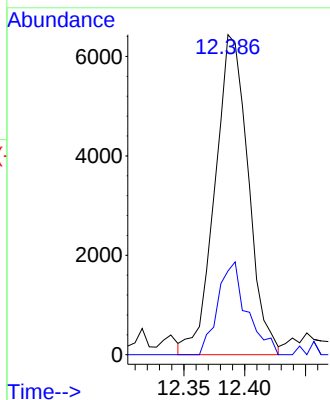
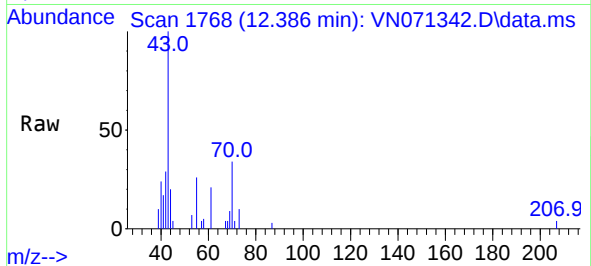




#47
n-amy1 Acetate
Concen: 0.799 ug/l
RT: 12.386 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN071342.D
Acq: 17 Mar 2022 02:03

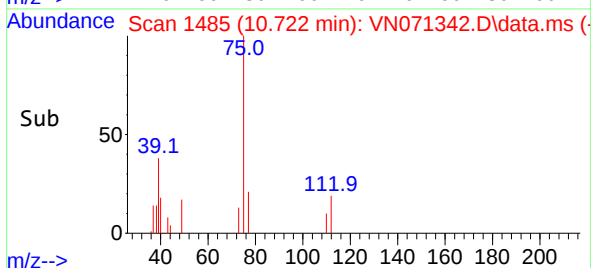
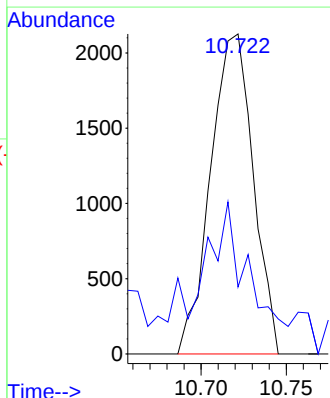
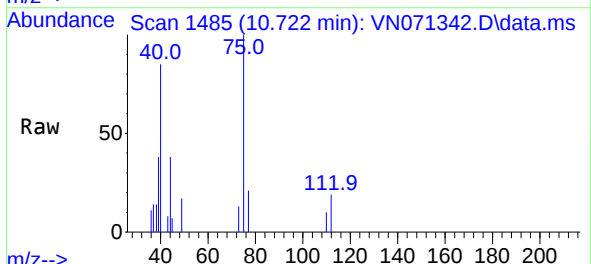
Instrument :
MSVOA_N
ClientSampleId :
IBLK

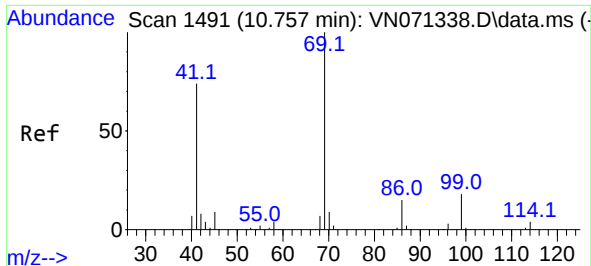
Tgt Ion: 43 Resp: 12249
Ion Ratio Lower Upper
43 100
55 25.3 19.0 28.6



#48
t-1,3-Dichloropropene
Concen: 0.311 ug/l
RT: 10.722 min Scan# 1485
Delta R.T. 0.006 min
Lab File: VN071342.D
Acq: 17 Mar 2022 02:03

Tgt Ion: 75 Resp: 3696
Ion Ratio Lower Upper
75 100
77 10.0 25.3 37.9#

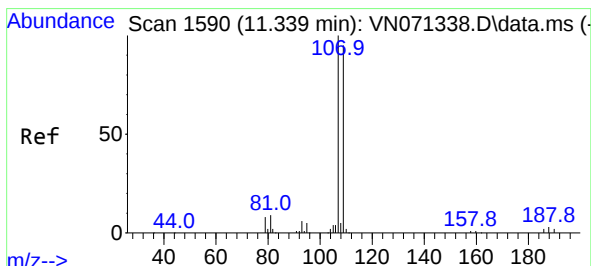
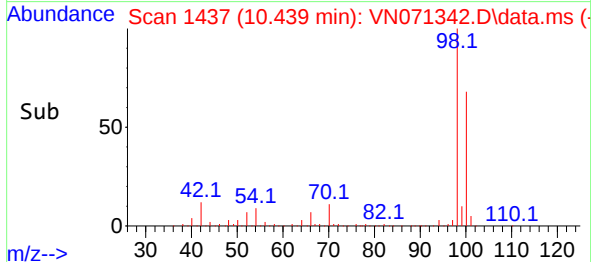
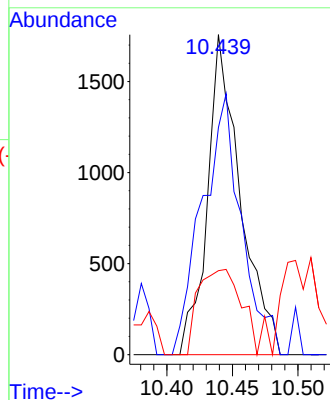
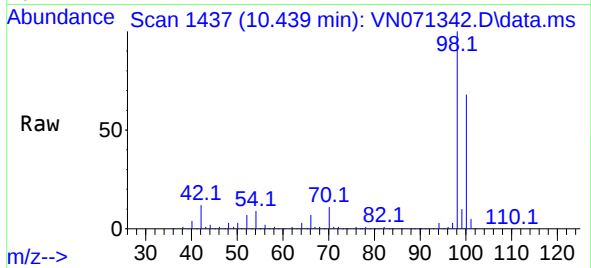




#51
Ethyl methacrylate
Concen: 0.227 ug/l
RT: 10.439 min Scan# 1491
Delta R.T. -0.318 min
Lab File: VN071342.D
Acq: 17 Mar 2022 02:03

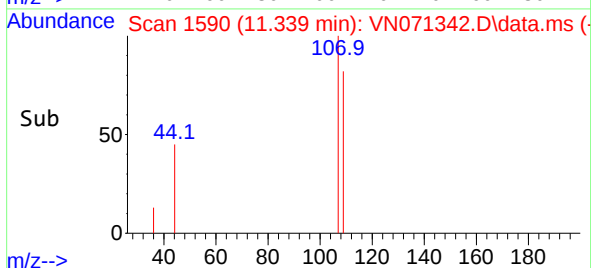
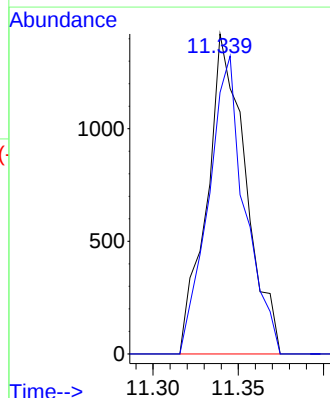
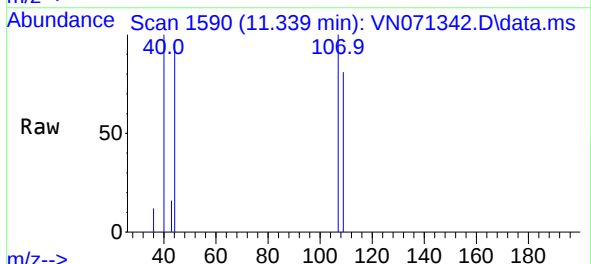
Instrument :
MSVOA_N
ClientSampleId :
IBLK

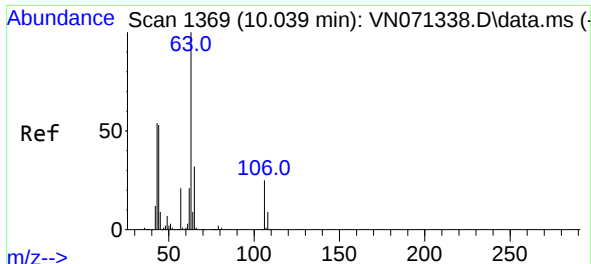
Tgt Ion: 69 Resp: 3080
Ion Ratio Lower Upper
69 100
41 71.0 33.0 98.9
39 26.2 25.4 76.4



#54
1,2-Dibromoethane
Concen: 0.274 ug/l
RT: 11.339 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VN071342.D
Acq: 17 Mar 2022 02:03

Tgt Ion: 107 Resp: 2244
Ion Ratio Lower Upper
107 100
109 88.1 72.8 109.2

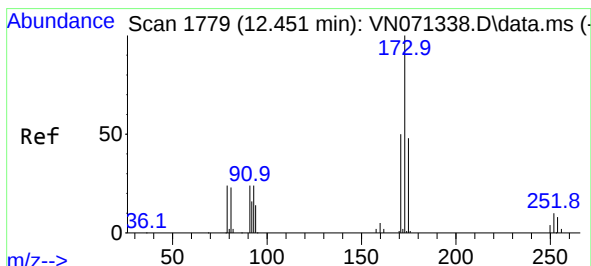
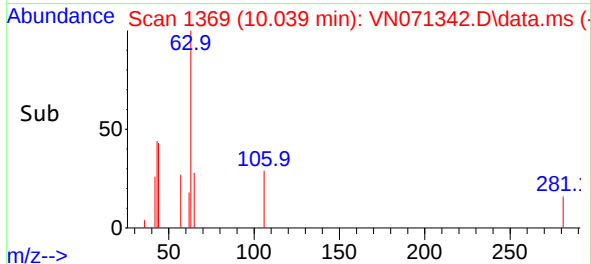
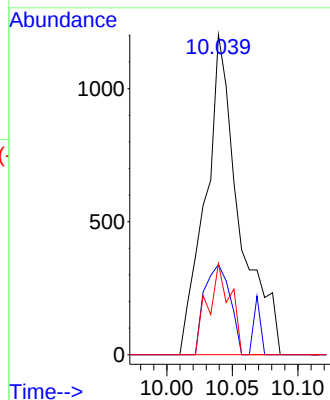
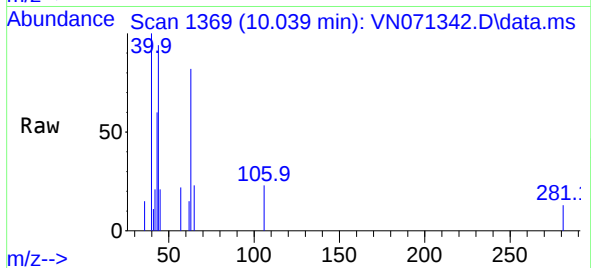




#55
2-Chloroethyl vinyl ether
Concen: 0.524 ug/l
RT: 10.039 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN071342.D
Acq: 17 Mar 2022 02:03

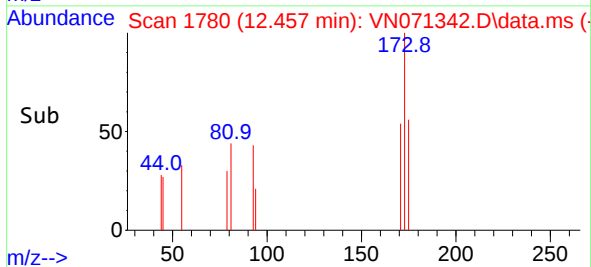
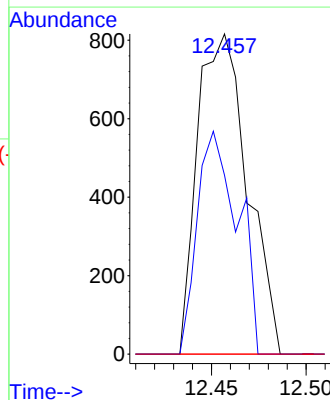
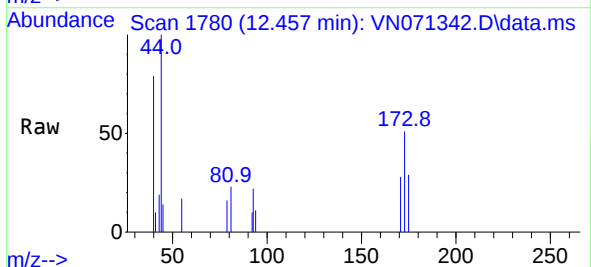
Instrument :
MSVOA_N
ClientSampleId :
IBLK

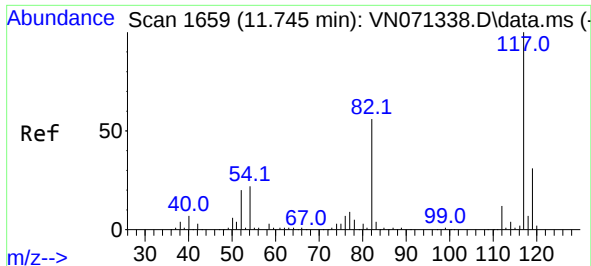
Tgt Ion: 63 Resp: 2158
Ion Ratio Lower Upper
63 100
65 21.4 25.4 38.0#
106 19.0 23.2 34.8#



#56
Bromoform
Concen: 0.236 ug/l
RT: 12.457 min Scan# 1780
Delta R.T. 0.006 min
Lab File: VN071342.D
Acq: 17 Mar 2022 02:03

Tgt Ion:173 Resp: 1499
Ion Ratio Lower Upper
173 100
175 47.0 38.6 58.0
254 0.0 0.0 0.0

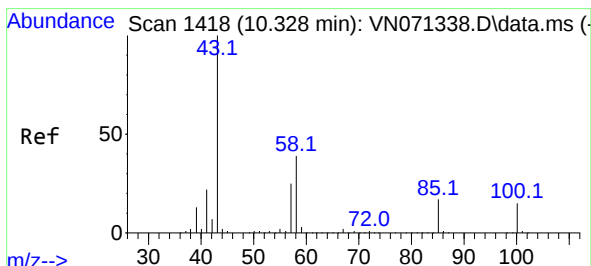
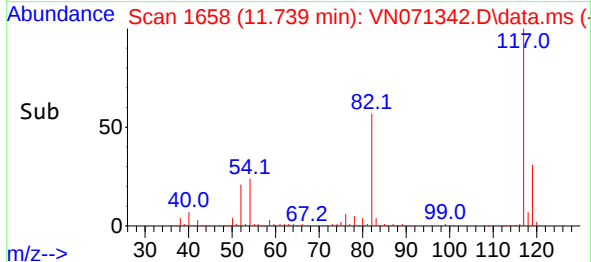
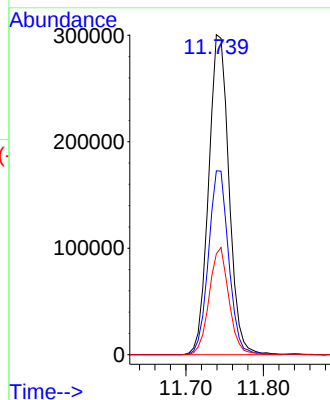
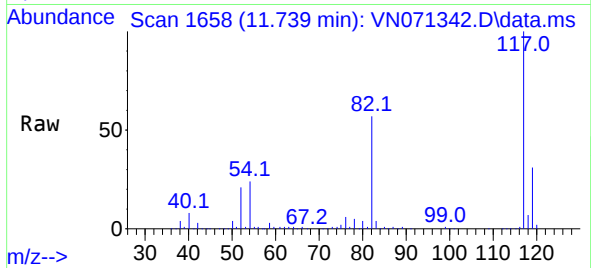




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. -0.006 min
Lab File: VN071342.D
Acq: 17 Mar 2022 02:03

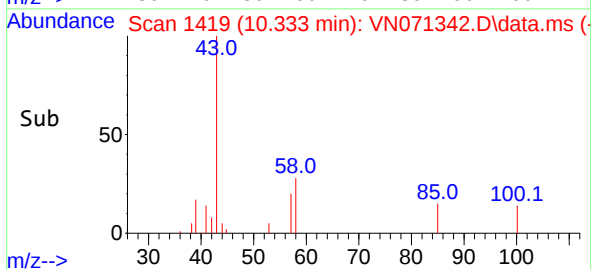
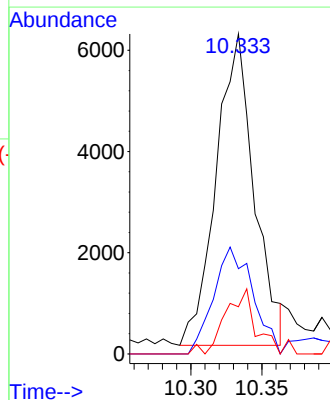
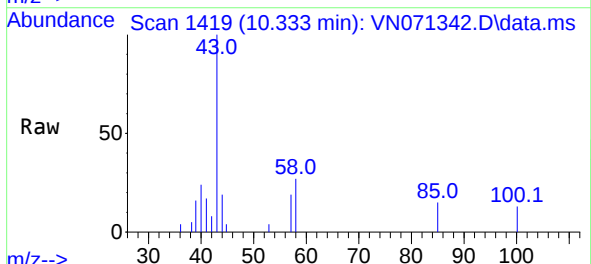
Instrument :
MSVOA_N
ClientSampleId :
IBLK

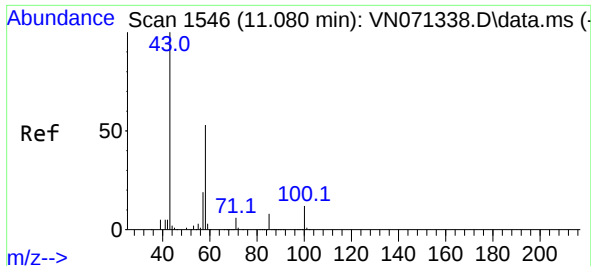
Tgt Ion:117 Resp: 547536
Ion Ratio Lower Upper
117 100
82 57.3 43.6 65.4
119 32.5 25.8 38.6



#58
4-Methyl-2-Pentanone
Concen: 0.872 ug/l
RT: 10.333 min Scan# 1419
Delta R.T. 0.006 min
Lab File: VN071342.D
Acq: 17 Mar 2022 02:03

Tgt Ion: 43 Resp: 11462
Ion Ratio Lower Upper
43 100
58 35.3 30.0 45.0
85 13.7 15.0 22.6#

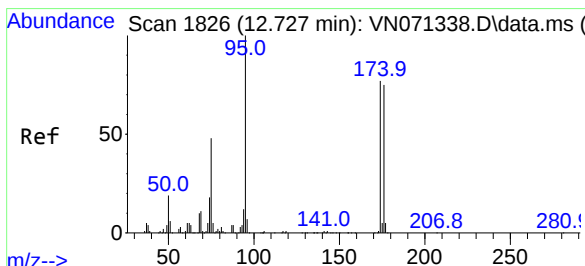
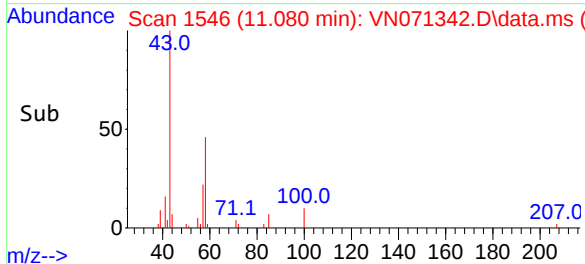
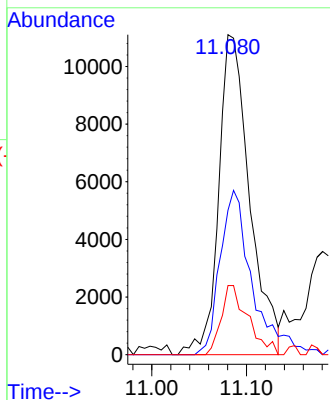
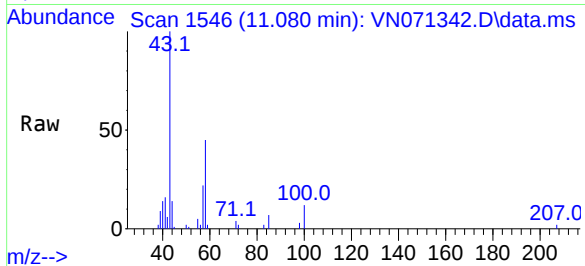




#59
2-Hexanone
Concen: 2.585 ug/l
RT: 11.080 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN071342.D
Acq: 17 Mar 2022 02:03

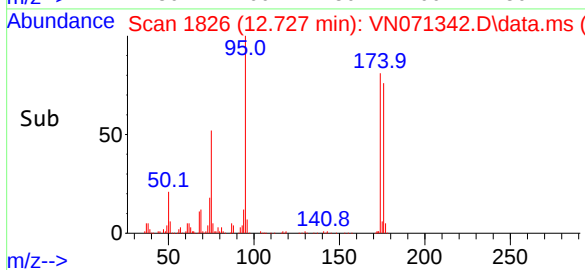
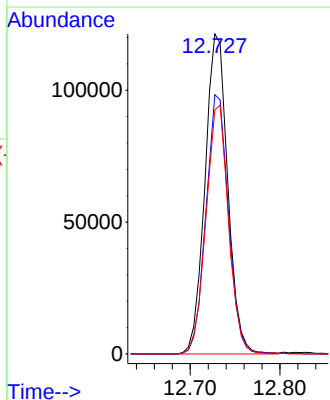
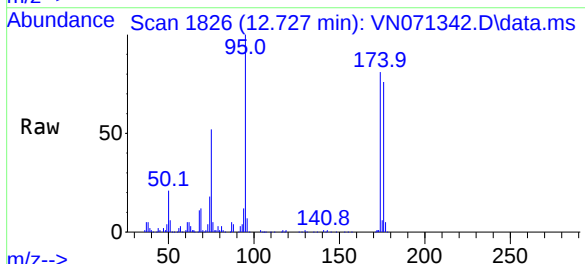
Instrument :
MSVOA_N
ClientSampleId :
IBLK

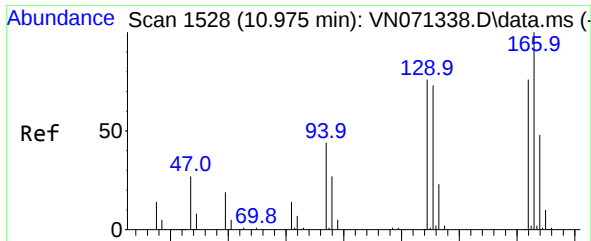
Tgt Ion: 43 Resp: 25264
Ion Ratio Lower Upper
43 100
58 50.1 42.2 63.2
57 18.0 15.0 22.4



#60
4-Bromofluorobenzene
Concen: 25.262 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071342.D
Acq: 17 Mar 2022 02:03

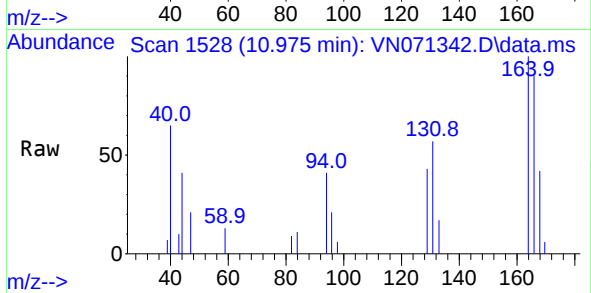
Tgt Ion: 95 Resp: 213693
Ion Ratio Lower Upper
95 100
174 80.2 62.9 94.3
176 76.8 61.0 91.4



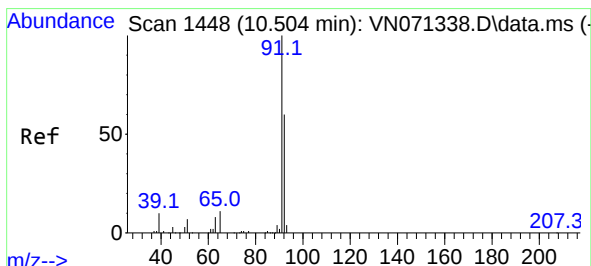
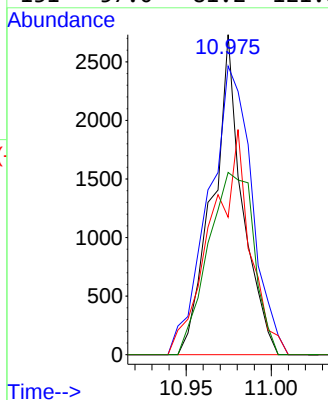
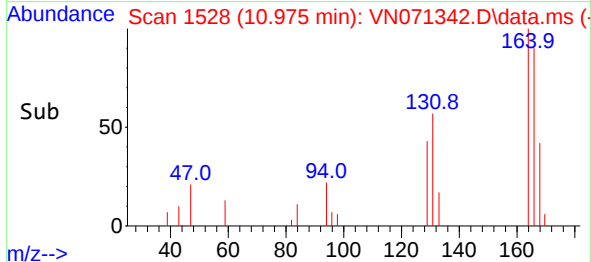


#61
Tetrachloroethene
Concen: 0.558 ug/l
RT: 10.975 min Scan# 1528
Delta R.T. 0.000 min
Lab File: VN071342.D
Acq: 17 Mar 2022 02:03

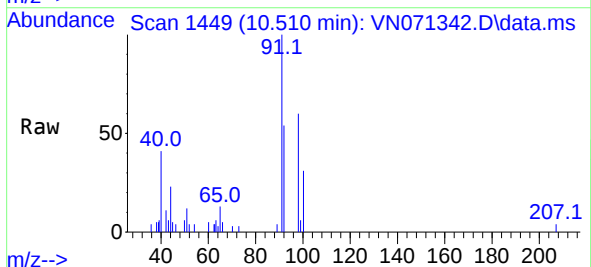
Instrument :
MSVOA_N
ClientSampleId :
IBLK



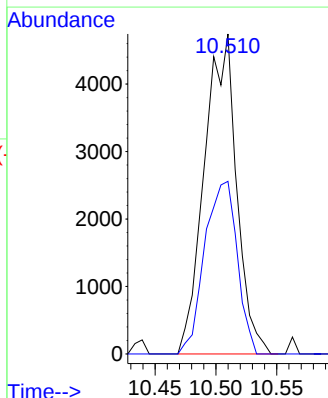
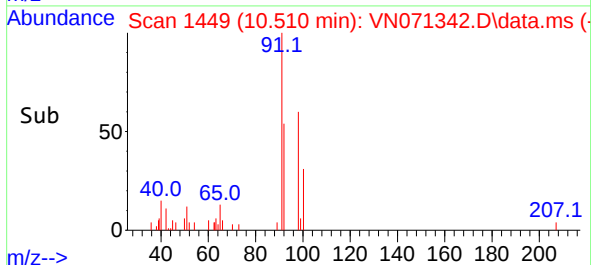
Tgt Ion:164 Resp: 3330
Ion Ratio Lower Upper
164 100
166 84.2 105.8 158.8#
129 37.0 82.5 123.7#
131 57.0 81.2 121.8#

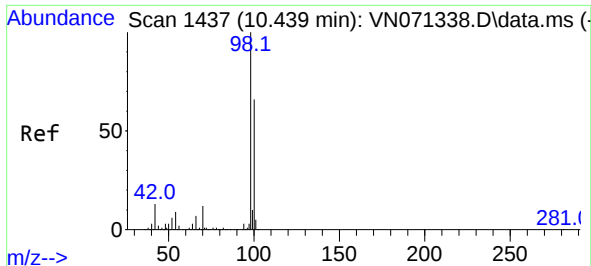


#62
Toluene
Concen: 0.279 ug/l
RT: 10.510 min Scan# 1449
Delta R.T. 0.006 min
Lab File: VN071342.D
Acq: 17 Mar 2022 02:03



Tgt Ion: 91 Resp: 8749
Ion Ratio Lower Upper
91 100
92 54.2 44.6 67.0

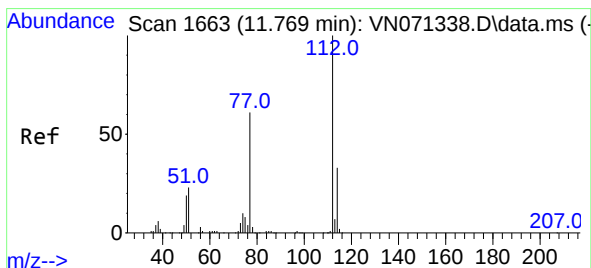
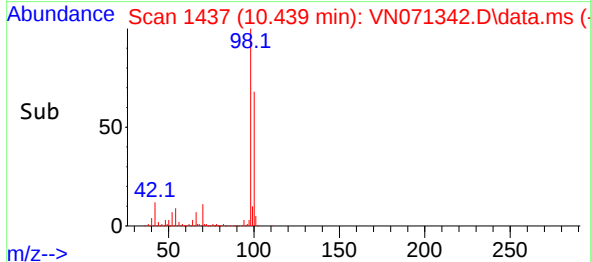
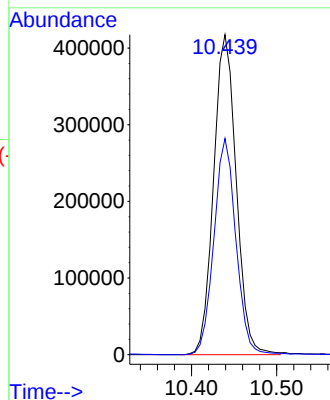
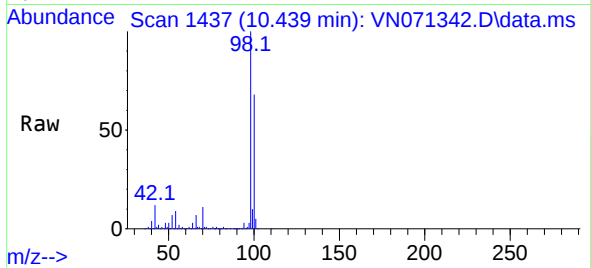




#63
Toluene-d8
Concen: 30.572 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071342.D
Acq: 17 Mar 2022 02:03

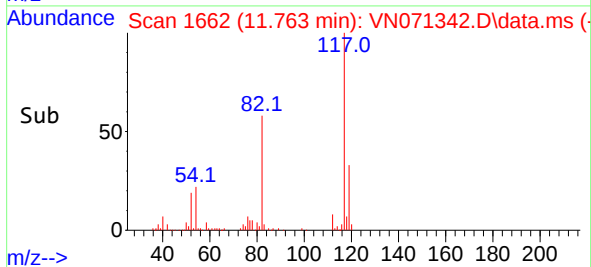
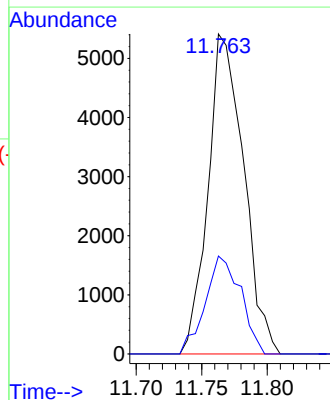
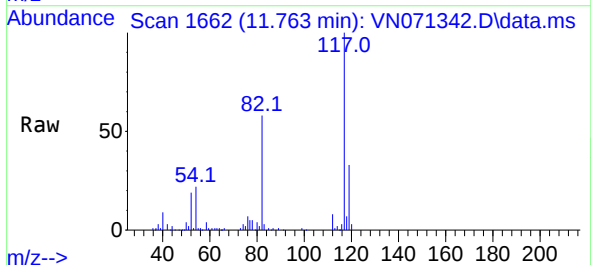
Instrument :
MSVOA_N
ClientSampleId :
IBLK

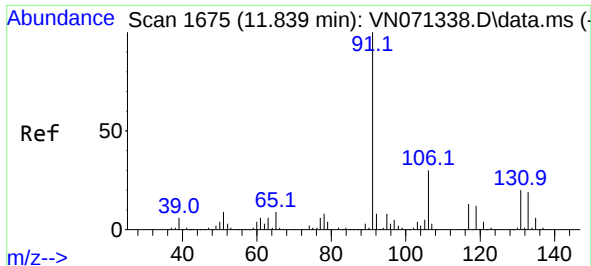
Tgt Ion: 98 Resp: 770041
Ion Ratio Lower Upper
98 100
100 65.6 50.6 76.0



#64
Chlorobenzene
Concen: 0.539 ug/l
RT: 11.763 min Scan# 1662
Delta R.T. -0.006 min
Lab File: VN071342.D
Acq: 17 Mar 2022 02:03

Tgt Ion: 112 Resp: 10231
Ion Ratio Lower Upper
112 100
114 30.6 25.8 38.6

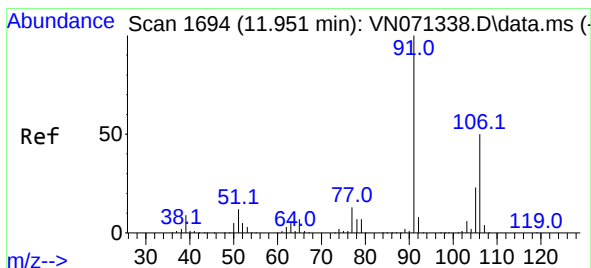
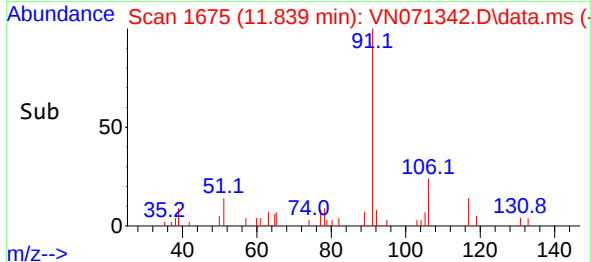
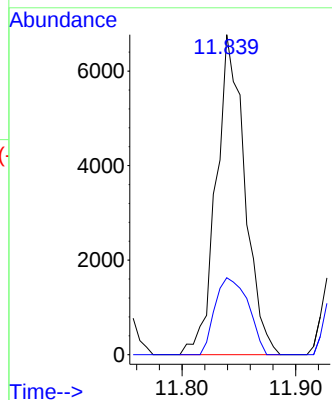
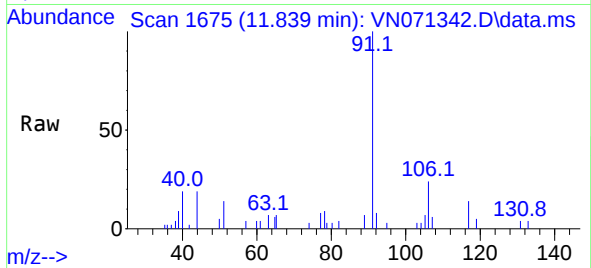




#66
Ethyl Benzene
Concen: 0.344 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN071342.D
Acq: 17 Mar 2022 02:03

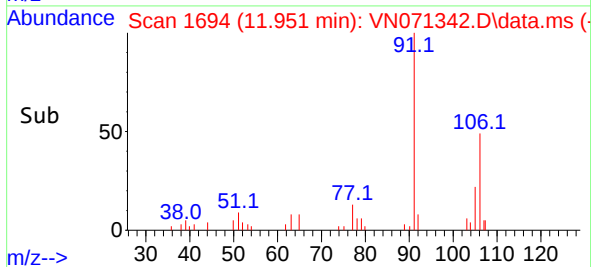
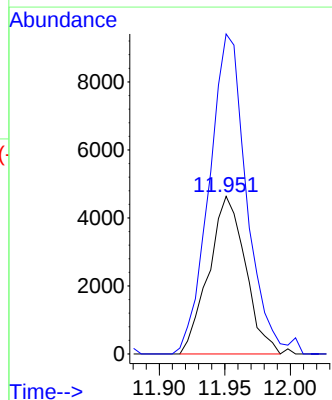
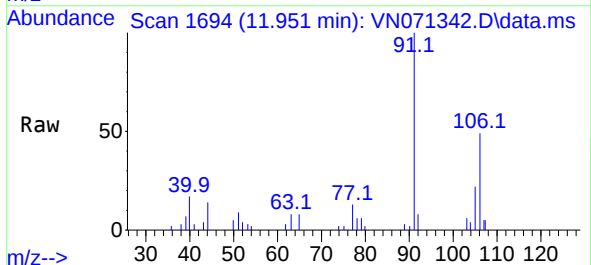
Instrument :
MSVOA_N
ClientSampleId :
IBLK

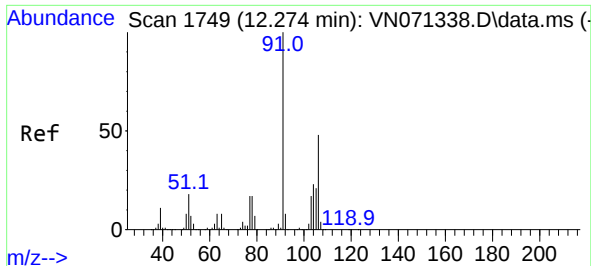
Tgt Ion: 91 Resp: 11871
Ion Ratio Lower Upper
91 100
106 24.0 24.0 36.0



#67
m/p-Xylenes
Concen: 0.696 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. 0.000 min
Lab File: VN071342.D
Acq: 17 Mar 2022 02:03

Tgt Ion: 106 Resp: 9019
Ion Ratio Lower Upper
106 100
91 205.9 162.9 244.3

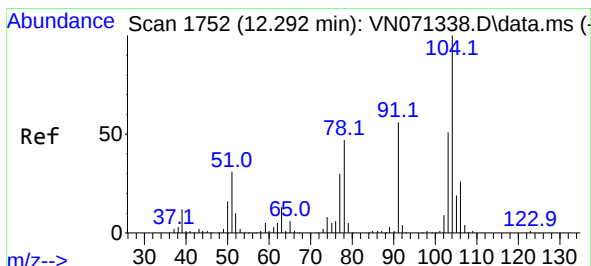
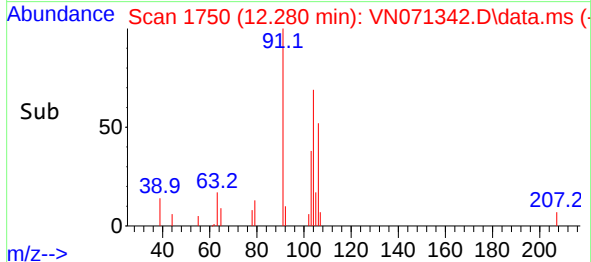
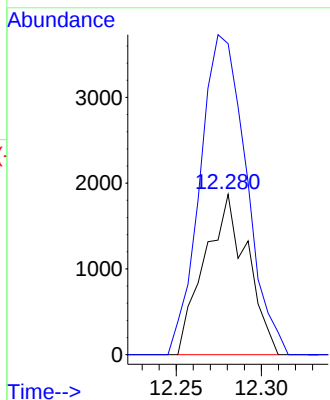
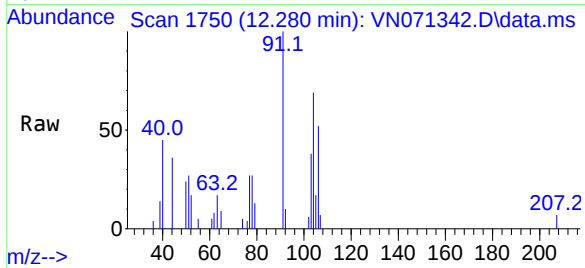




#68
o-Xylene
Concen: 0.250 ug/l
RT: 12.280 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VN071342.D
Acq: 17 Mar 2022 02:03

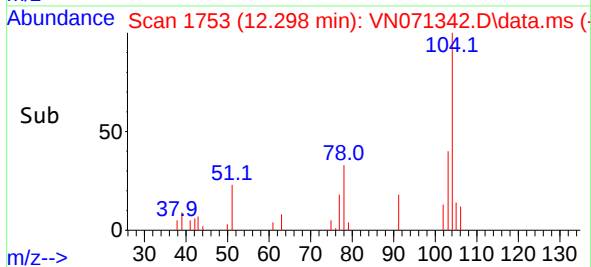
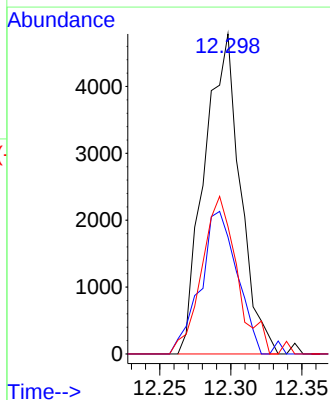
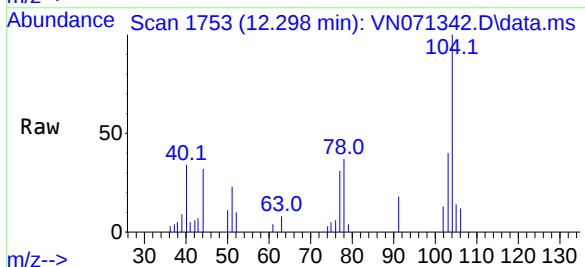
Instrument :
MSVOA_N
ClientSampleId :
IBLK

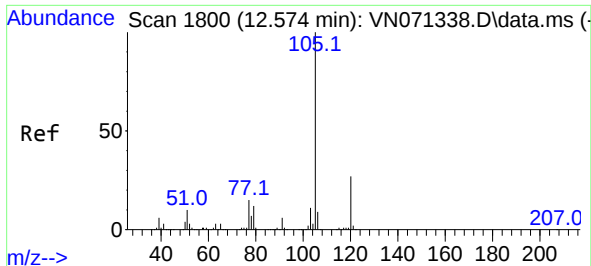
Tgt Ion:106 Resp: 3266
Ion Ratio Lower Upper
106 100
91 216.1 107.7 323.1



#69
Styrene
Concen: 0.410 ug/l
RT: 12.298 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VN071342.D
Acq: 17 Mar 2022 02:03

Tgt Ion:104 Resp: 8422
Ion Ratio Lower Upper
104 100
78 45.5 40.7 61.1
103 46.4 45.8 68.8

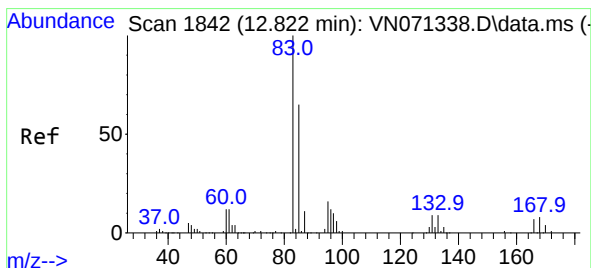
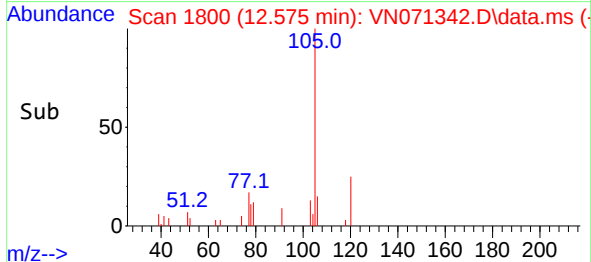
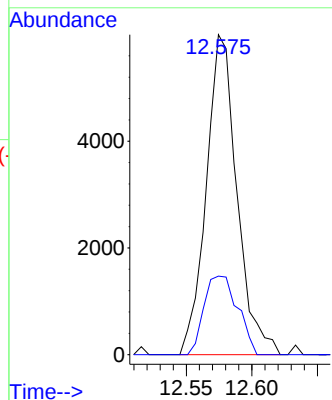
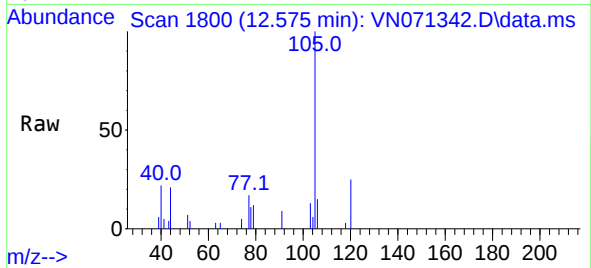




#70
Isopropylbenzene
Concen: 0.296 ug/l
RT: 12.575 min Scan# 1800
Delta R.T. 0.000 min
Lab File: VN071342.D
Acq: 17 Mar 2022 02:03

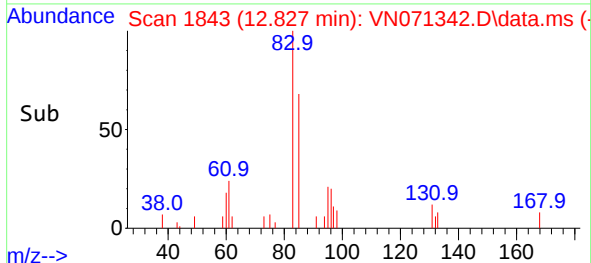
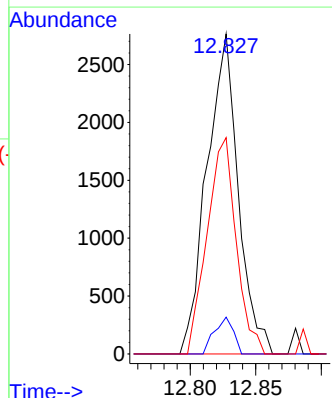
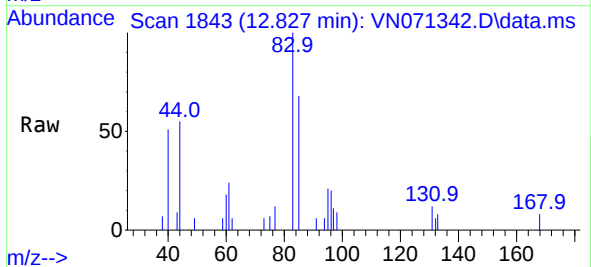
Instrument :
MSVOA_N
ClientSampleId :
IBLK

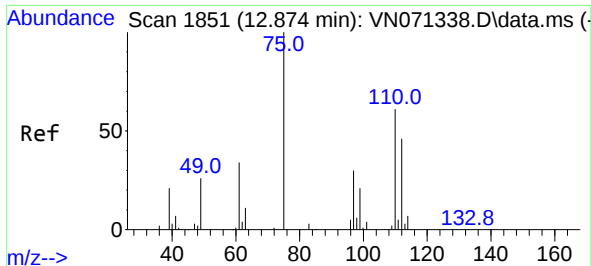
Tgt Ion:105 Resp: 9768
Ion Ratio Lower Upper
105 100
120 27.0 18.3 34.1



#71
1,1,2,2-Tetrachloroethane
Concen: 0.401 ug/l
RT: 12.827 min Scan# 1843
Delta R.T. 0.006 min
Lab File: VN071342.D
Acq: 17 Mar 2022 02:03

Tgt Ion: 83 Resp: 4592
Ion Ratio Lower Upper
83 100
131 6.9 5.1 15.3
85 62.8 33.1 99.2

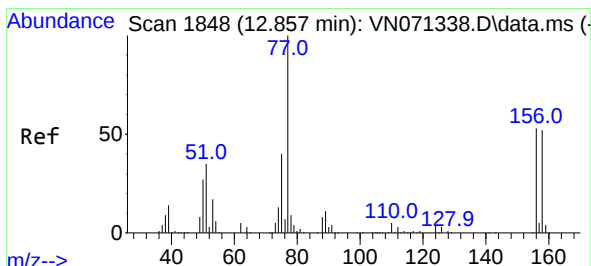
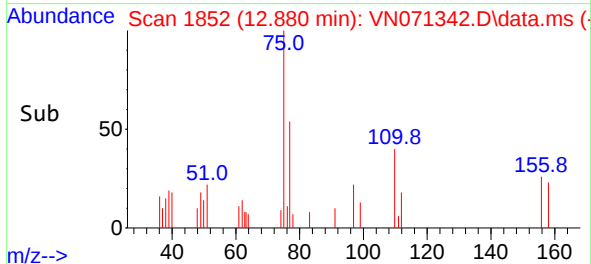
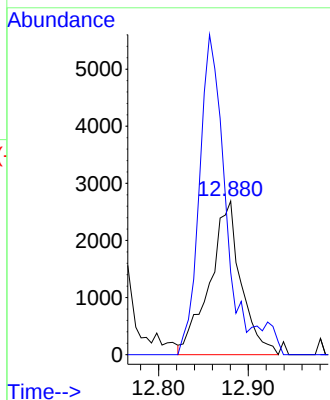
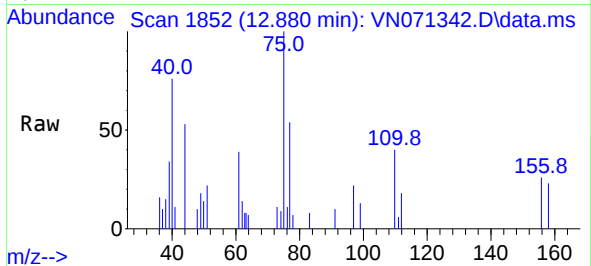




#72
1,2,3-Trichloropropane
Concen: 0.625 ug/l
RT: 12.880 min Scan# 1852
Delta R.T. 0.006 min
Lab File: VN071342.D
Acq: 17 Mar 2022 02:03

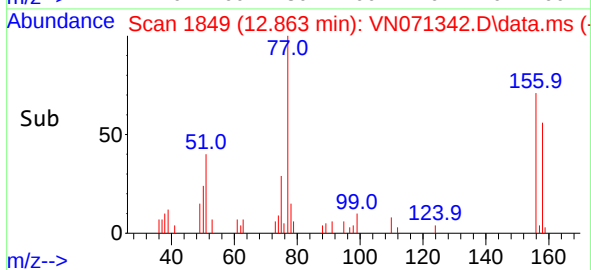
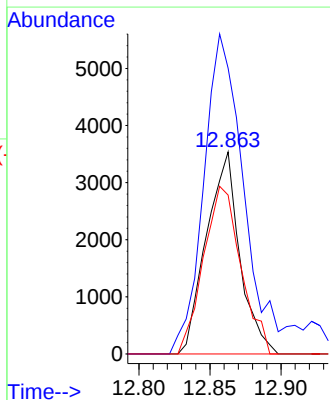
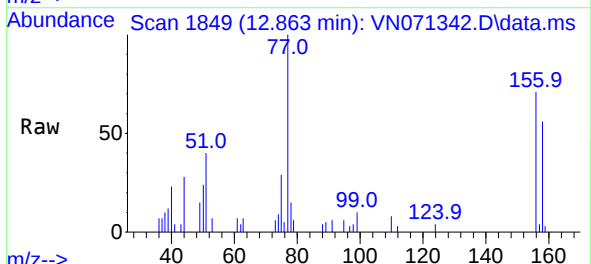
Instrument :
MSVOA_N
ClientSampleId :
IBLK

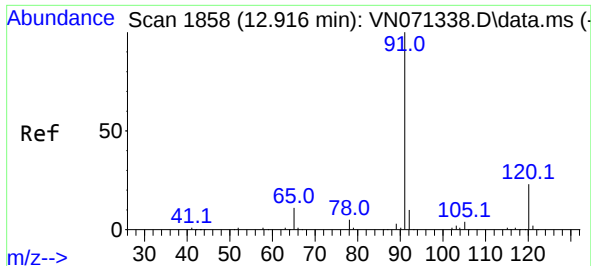
Tgt Ion: 75 Resp: 6506
Ion Ratio Lower Upper
75 100
77 166.7 0.0 378.0



#73
Bromobenzene
Concen: 0.746 ug/l
RT: 12.863 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN071342.D
Acq: 17 Mar 2022 02:03

Tgt Ion: 156 Resp: 5767
Ion Ratio Lower Upper
156 100
77 188.1 0.0 416.0
158 92.9 0.0 195.4

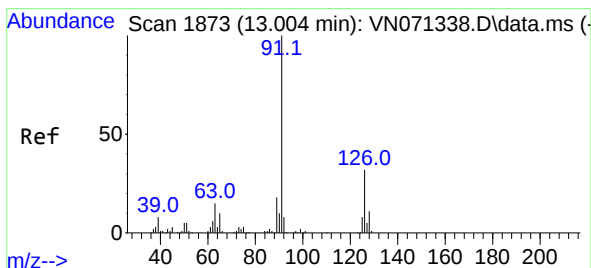
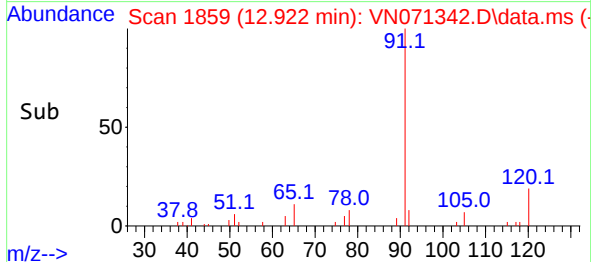
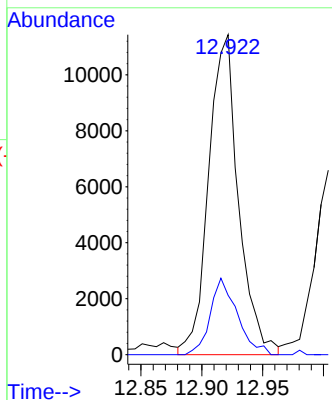
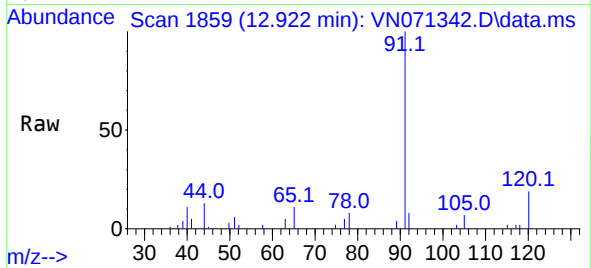




#74
n-propylbenzene
Concen: 0.537 ug/l
RT: 12.922 min Scan# 1859
Delta R.T. 0.006 min
Lab File: VN071342.D
Acq: 17 Mar 2022 02:03

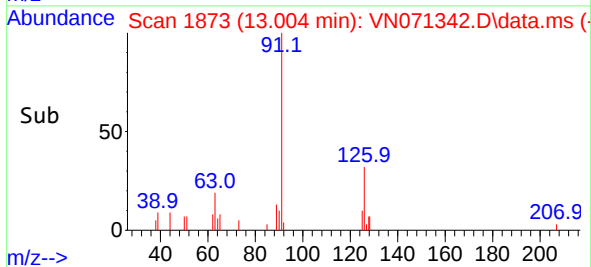
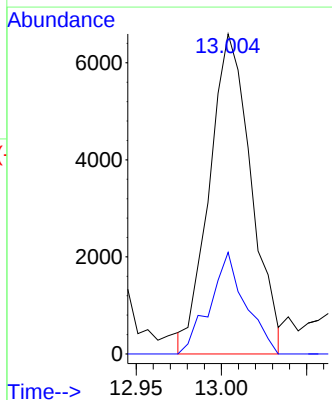
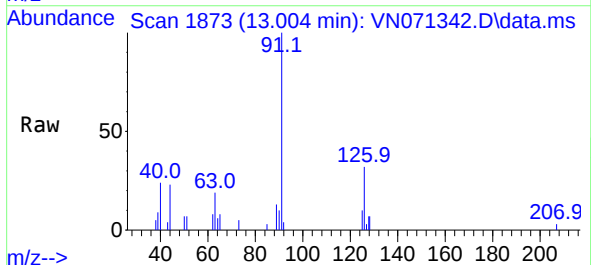
Instrument :
MSVOA_N
ClientSampleId :
IBLK

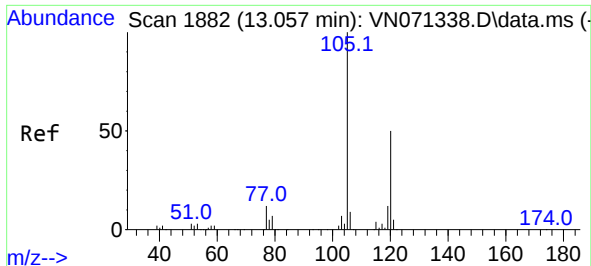
Tgt Ion: 91 Resp: 19526
Ion Ratio Lower Upper
91 100
120 21.6 0.0 45.0



#75
2-Chlorotoluene
Concen: 0.493 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. 0.000 min
Lab File: VN071342.D
Acq: 17 Mar 2022 02:03

Tgt Ion: 91 Resp: 11243
Ion Ratio Lower Upper
91 100
126 27.0 0.0 69.8

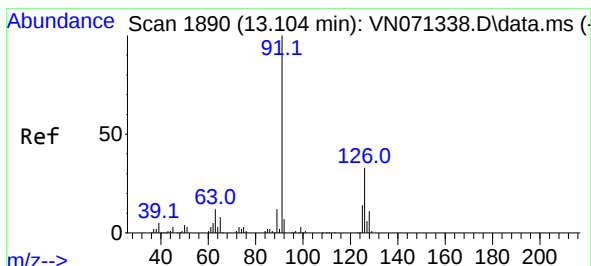
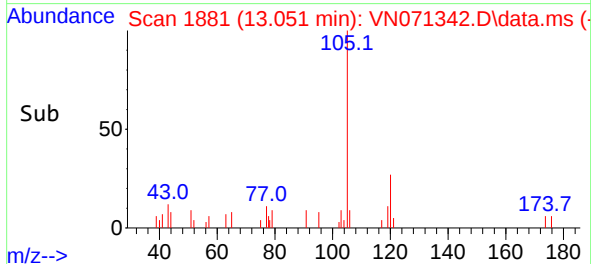
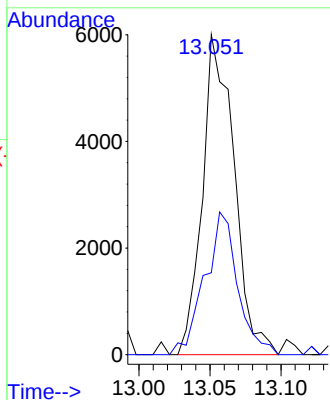
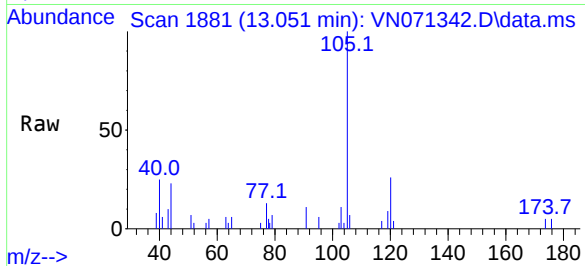




#76
1,3,5-Trimethylbenzene
Concen: 0.356 ug/l
RT: 13.051 min Scan# 1881
Delta R.T. -0.006 min
Lab File: VN071342.D
Acq: 17 Mar 2022 02:03

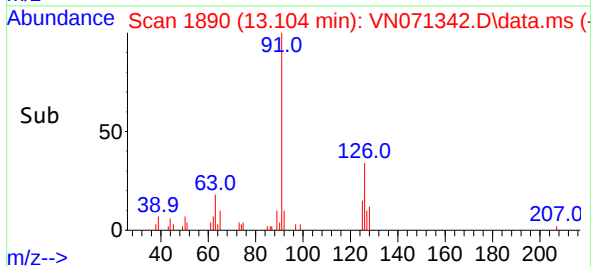
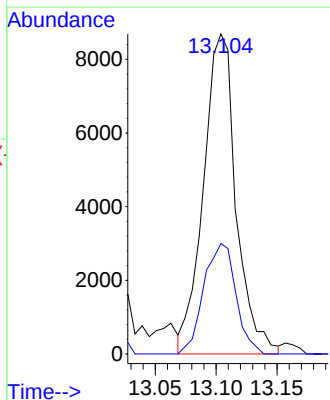
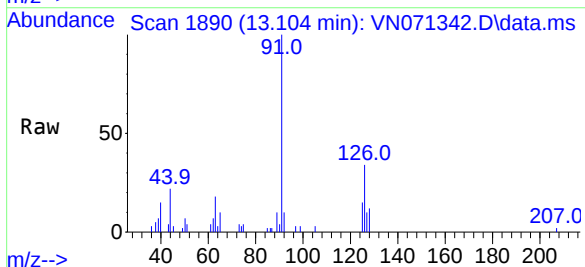
Instrument :
MSVOA_N
ClientSampleId :
IBLK

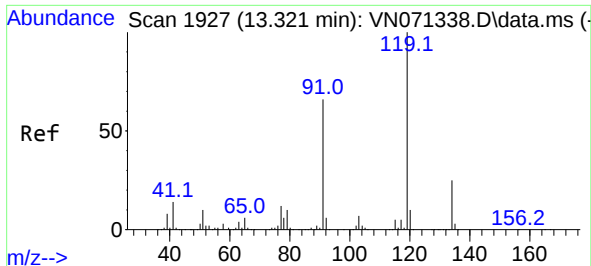
Tgt Ion:105 Resp: 9324
Ion Ratio Lower Upper
105 100
120 46.2 0.0 93.8



#78
4-Chlorotoluene
Concen: 0.768 ug/l
RT: 13.104 min Scan# 1890
Delta R.T. 0.000 min
Lab File: VN071342.D
Acq: 17 Mar 2022 02:03

Tgt Ion: 91 Resp: 16230
Ion Ratio Lower Upper
91 100
126 33.9 0.0 70.6

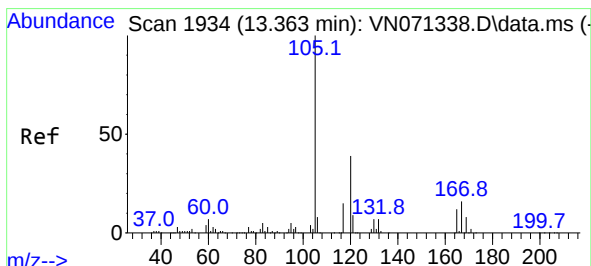
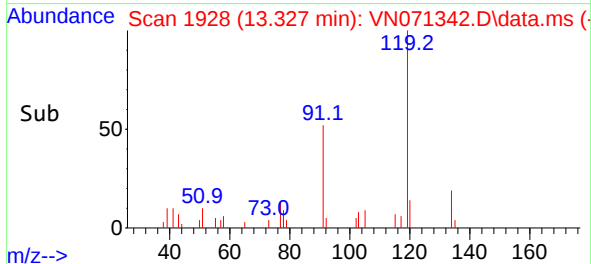
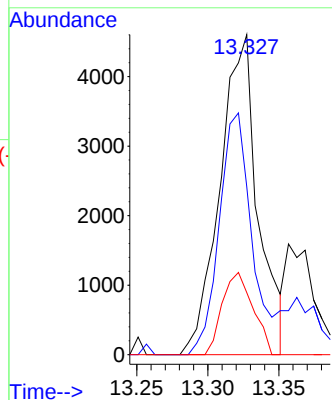
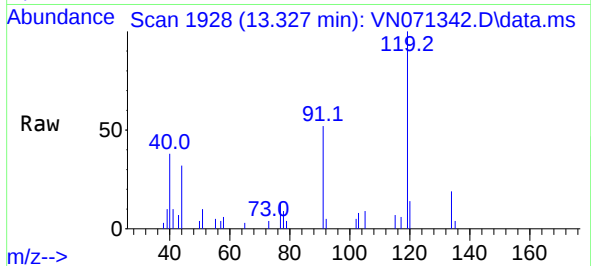




#79
tert-butylbenzene
Concen: 0.358 ug/l
RT: 13.327 min Scan# 1927
Delta R.T. 0.006 min
Lab File: VN071342.D
Acq: 17 Mar 2022 02:03

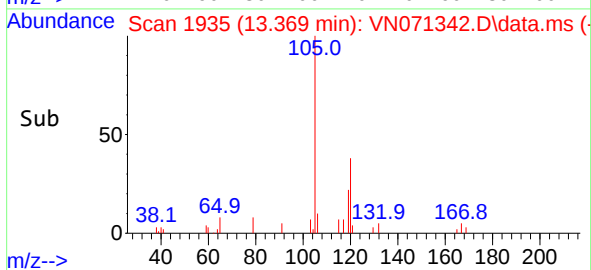
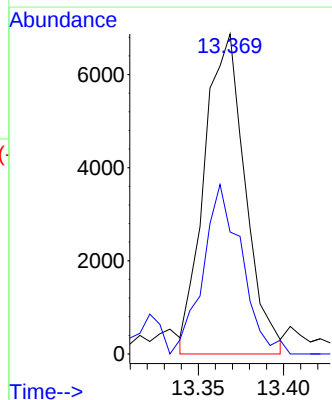
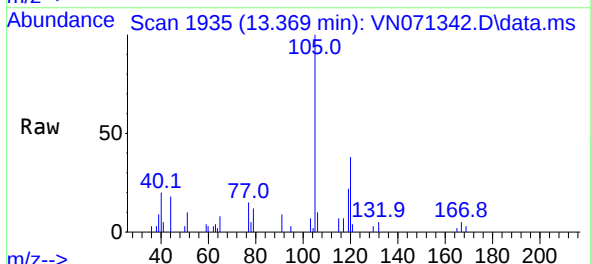
Instrument :
MSVOA_N
ClientSampleId :
IBLK

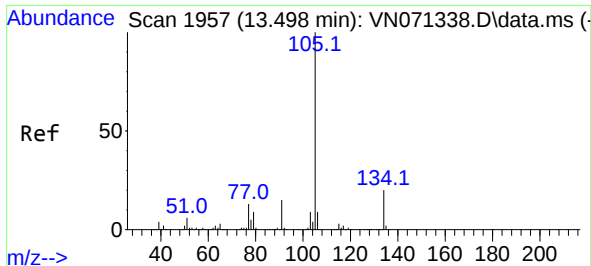
Tgt Ion:119 Resp: 8567
Ion Ratio Lower Upper
119 100
91 64.0 0.0 137.0
134 20.8 0.0 47.6



#80
1,2,4-Trimethylbenzene
Concen: 0.450 ug/l
RT: 13.369 min Scan# 1935
Delta R.T. 0.006 min
Lab File: VN071342.D
Acq: 17 Mar 2022 02:03

Tgt Ion:105 Resp: 11437
Ion Ratio Lower Upper
105 100
120 49.8 0.0 0.2#

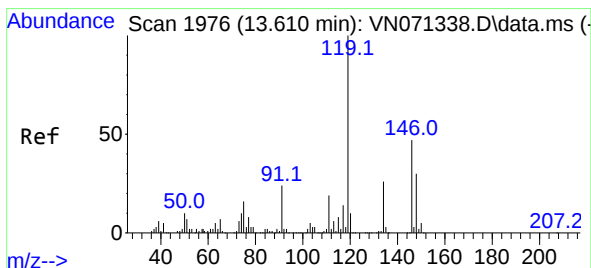
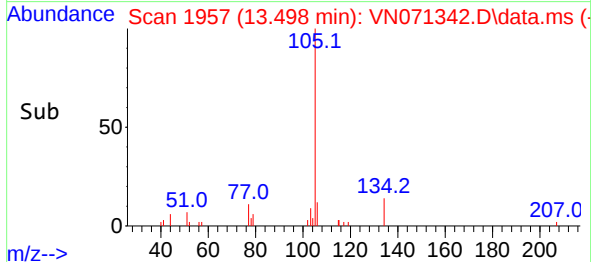
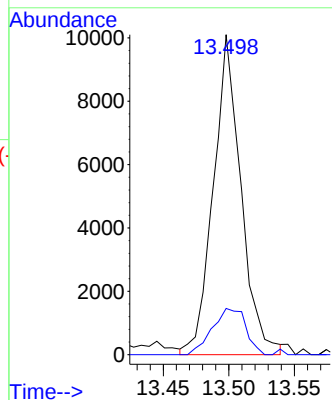
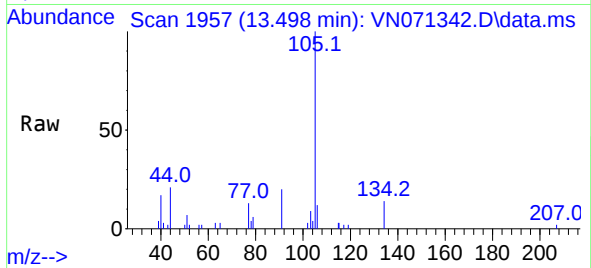




#81
sec-Butylbenzene
Concen: 0.465 ug/l
RT: 13.498 min Scan# 1957
Delta R.T. 0.000 min
Lab File: VN071342.D
Acq: 17 Mar 2022 02:03

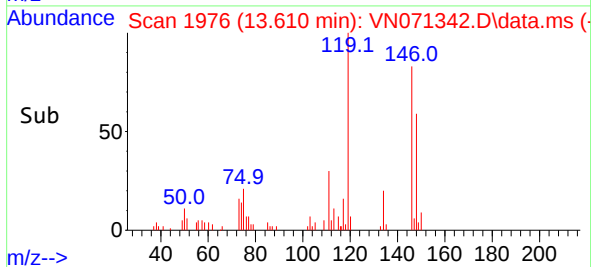
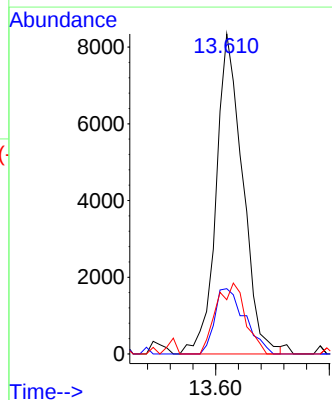
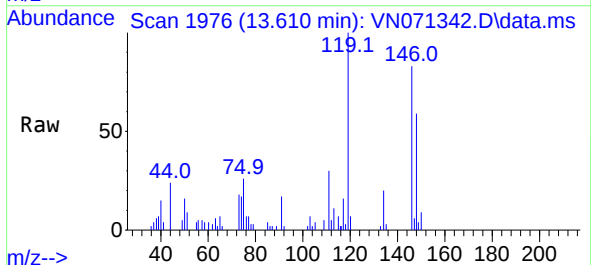
Instrument :
MSVOA_N
ClientSampleId :
IBLK

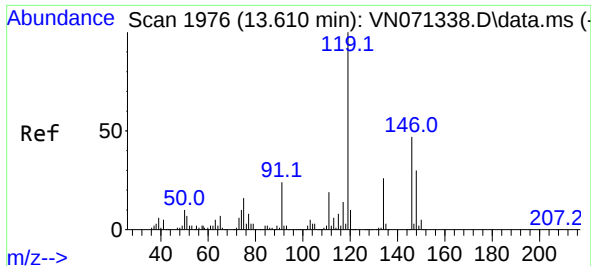
Tgt Ion:105 Resp: 14798
Ion Ratio Lower Upper
105 100
134 17.5 0.0 39.4



#82
p-Isopropyltoluene
Concen: 0.529 ug/l
RT: 13.610 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VN071342.D
Acq: 17 Mar 2022 02:03

Tgt Ion:119 Resp: 13542
Ion Ratio Lower Upper
119 100
134 23.2 0.0 51.8
91 24.2 0.0 50.4

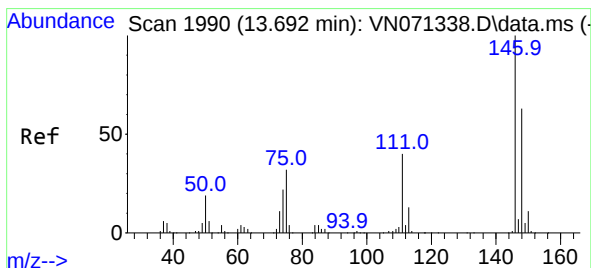
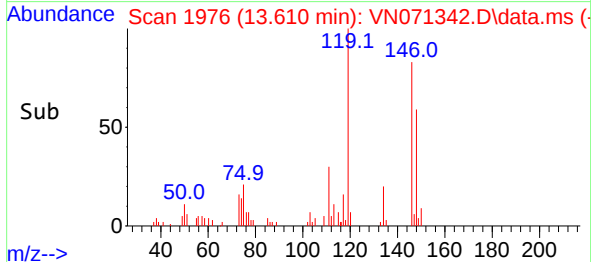
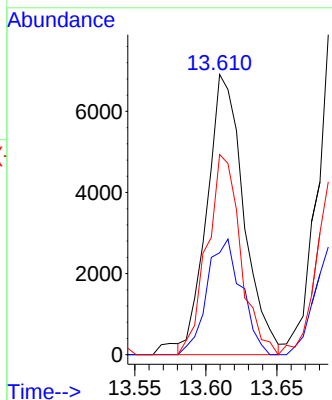
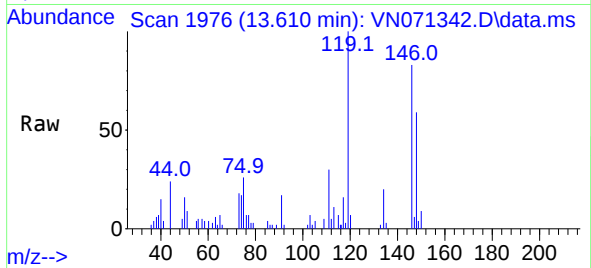




#83
1,3-Dichlorobenzene
Concen: 0.984 ug/l
RT: 13.610 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VN071342.D
Acq: 17 Mar 2022 02:03

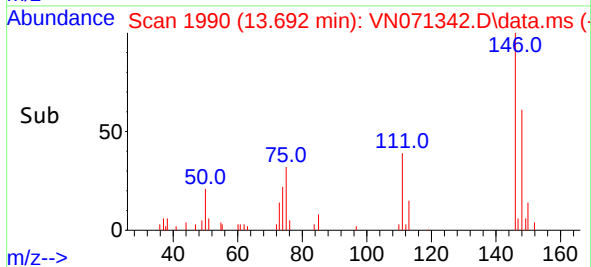
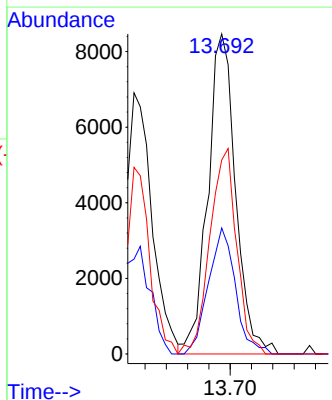
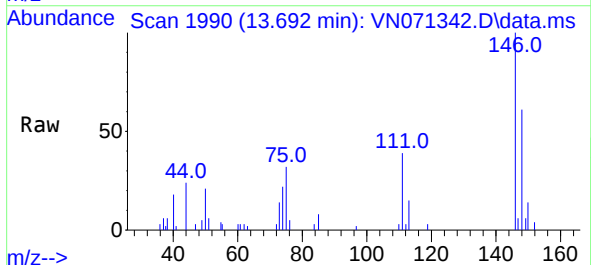
Instrument :
MSVOA_N
ClientSampleId :
IBLK

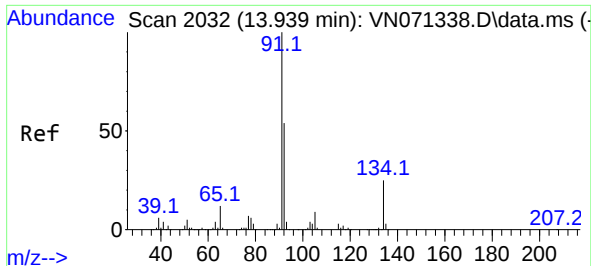
Tgt Ion:146	Resp:	12410
Ion Ratio	Lower	Upper
146	100	
111	38.8	20.8 62.2
148	65.2	31.4 94.3



#84
1,4-Dichlorobenzene
Concen: 1.277 ug/l
RT: 13.692 min Scan# 1990
Delta R.T. 0.000 min
Lab File: VN071342.D
Acq: 17 Mar 2022 02:03

Tgt Ion:146	Resp:	15334
Ion Ratio	Lower	Upper
146	100	
111	38.3	19.5 58.5
148	61.8	31.1 93.5

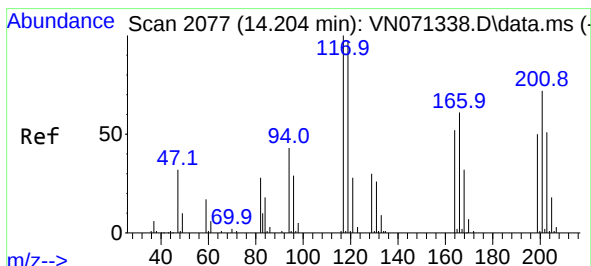
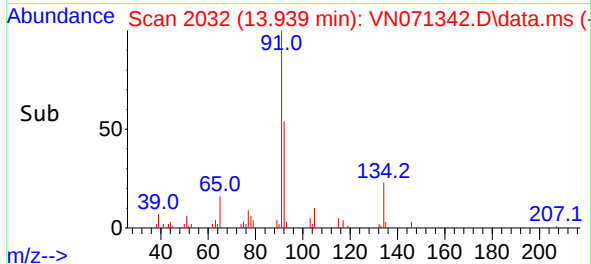
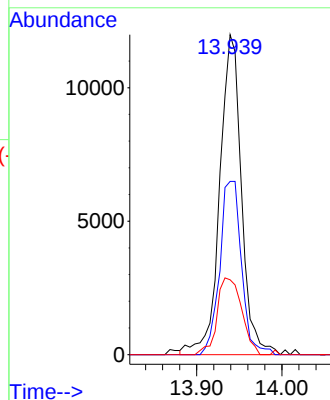
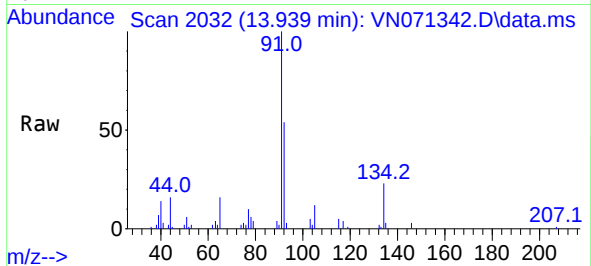




#85
n-Butylbenzene
Concen: 1.118 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VN071342.D
Acq: 17 Mar 2022 02:03

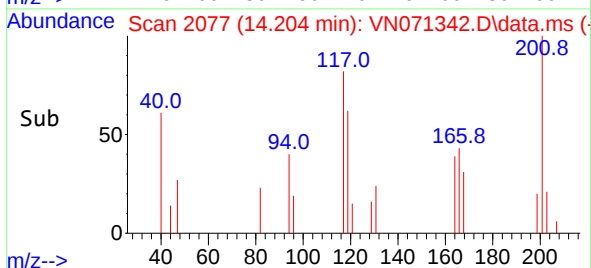
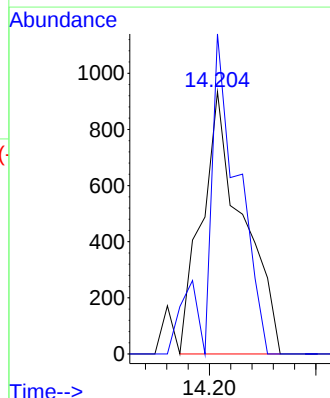
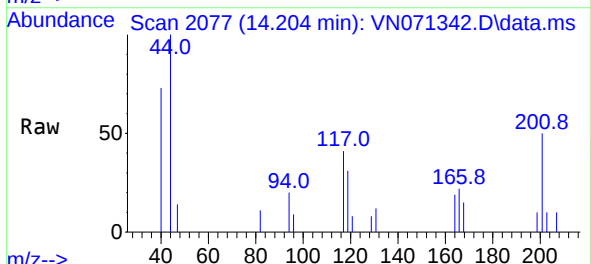
Instrument :
MSVOA_N
ClientSampleId :
IBLK

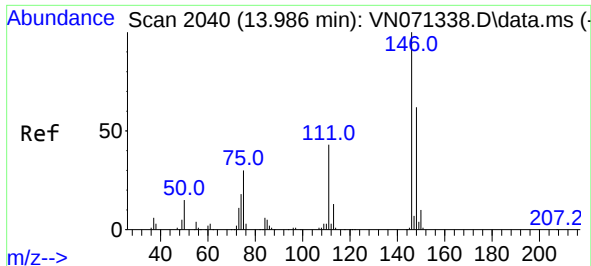
Tgt Ion:	91	Resp:	21315
Ion	Ratio	Lower	Upper
91	100		
92	54.0	0.0	100.6
134	27.1	0.0	50.2



#86
Hexachloroethane
Concen: 0.255 ug/l
RT: 14.204 min Scan# 2077
Delta R.T. 0.000 min
Lab File: VN071342.D
Acq: 17 Mar 2022 02:03

Tgt Ion:	117	Resp:	1243
Ion	Ratio	Lower	Upper
117	100		
201	76.0	33.3	99.8





#87

1,2-Dichlorobenzene

Concen: 0.971 ug/l

RT: 13.992 min Scan# 2041

Delta R.T. 0.006 min

Lab File: VN071342.D

Acq: 17 Mar 2022 02:03

Instrument :

MSVOA_N

ClientSampleId :

IBLK

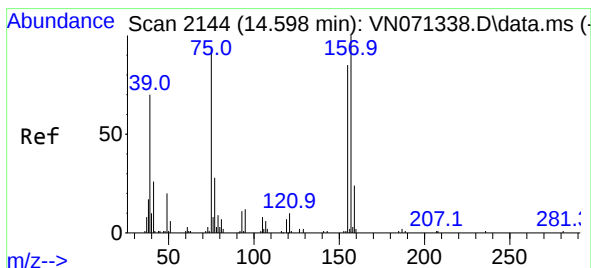
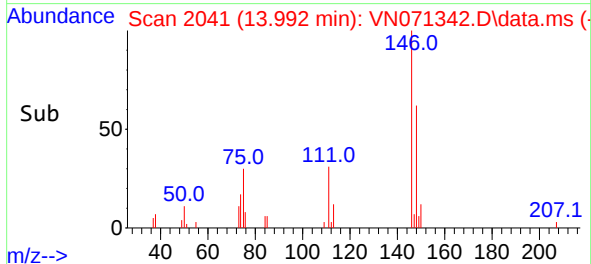
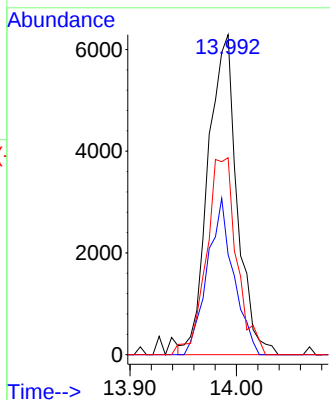
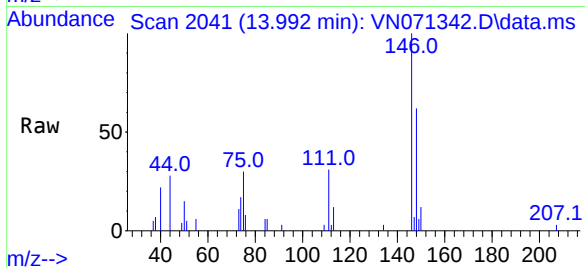
Tgt Ion:146 Resp: 11887

Ion Ratio Lower Upper

146 100

111 44.0 21.4 64.2

148 63.0 32.5 97.4



#88

1,2-Dibromo-3-Chloropropane

Concen: 1.543 ug/l

RT: 14.604 min Scan# 2145

Delta R.T. 0.006 min

Lab File: VN071342.D

Acq: 17 Mar 2022 02:03

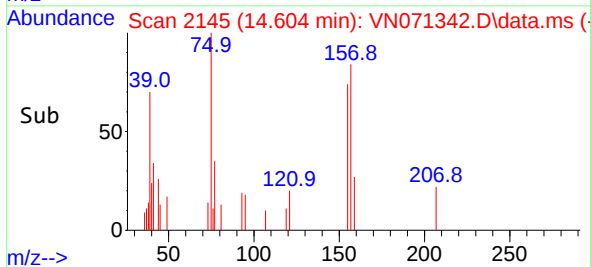
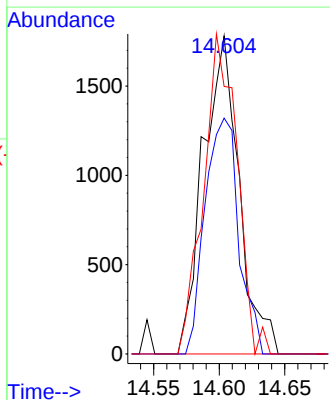
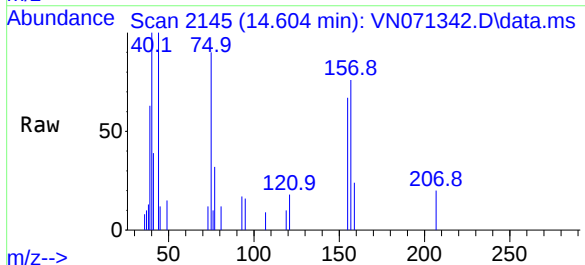
Tgt Ion: 75 Resp: 3392

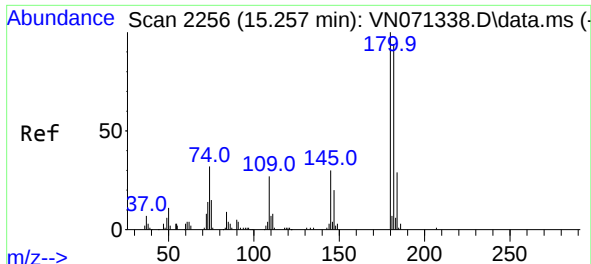
Ion Ratio Lower Upper

75 100

155 69.7 63.8 95.8

157 92.2 77.9 116.9





#89

1,2,4-Trichlorobenzene

Concen: 3.302 ug/l

RT: 15.263 min Scan# 2256

Delta R.T. 0.006 min

Lab File: VN071342.D

Acq: 17 Mar 2022 02:03

Instrument :

MSVOA_N

ClientSampleId :

IBLK

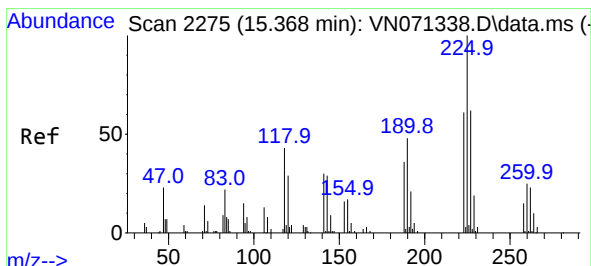
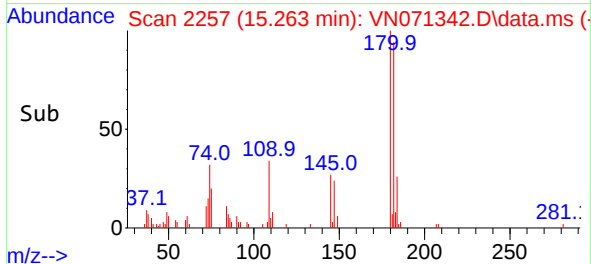
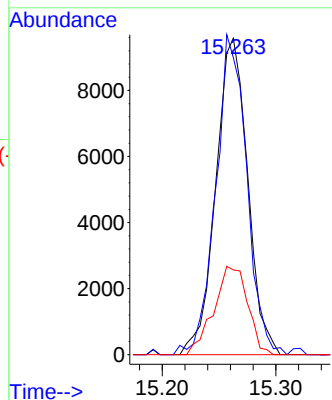
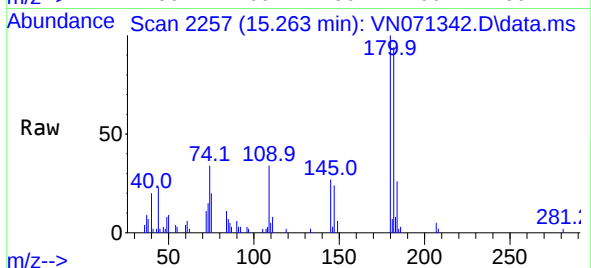
Tgt Ion:180 Resp: 18710

Ion Ratio Lower Upper

180 100

182 97.1 77.7 116.5

145 29.6 26.6 39.8



#90

Hexachlorobutadiene

Concen: 1.314 ug/l

RT: 15.368 min Scan# 2275

Delta R.T. 0.000 min

Lab File: VN071342.D

Acq: 17 Mar 2022 02:03

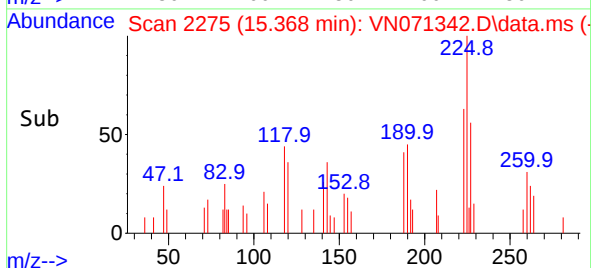
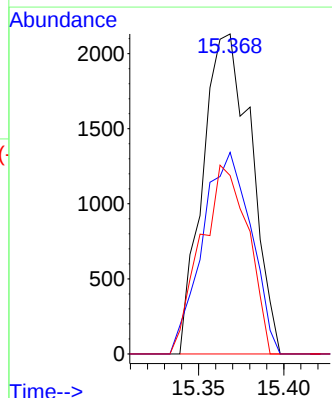
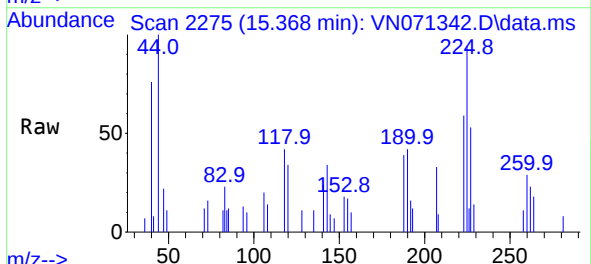
Tgt Ion:225 Resp: 4207

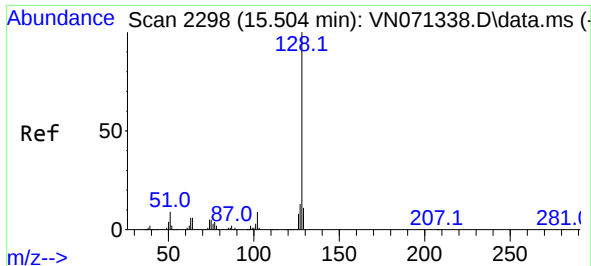
Ion Ratio Lower Upper

225 100

223 63.5 0.0 126.8

227 57.5 0.0 123.0

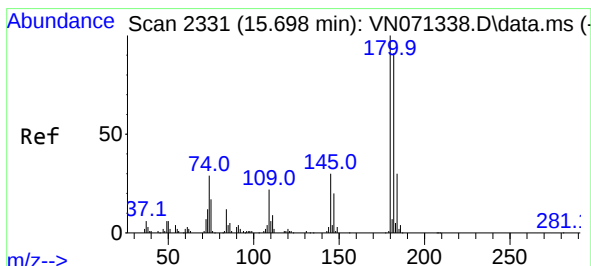
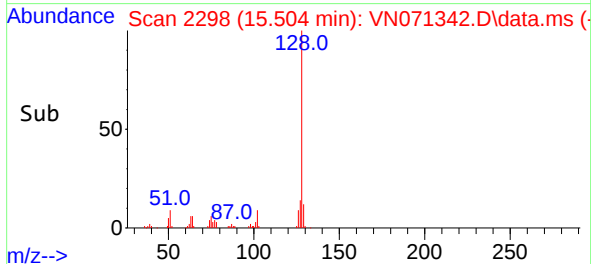
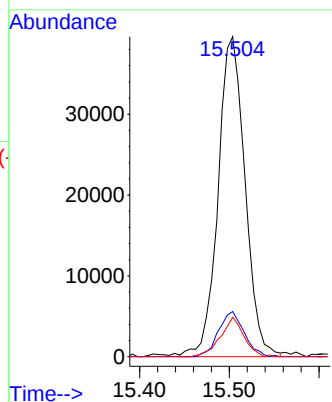
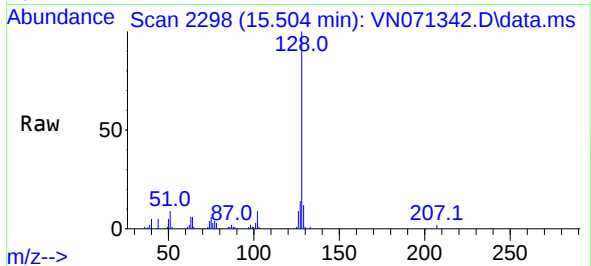




#91
Naphthalene
Concen: 4.653 ug/l
RT: 15.504 min Scan# 2298
Delta R.T. 0.000 min
Lab File: VN071342.D
Acq: 17 Mar 2022 02:03

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:	128	Resp:	82533
Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.7	16.1
129	10.6	9.0	13.6



#92
1,2,3-Trichlorobenzene
Concen: 4.217 ug/l
RT: 15.698 min Scan# 2331
Delta R.T. 0.000 min
Lab File: VN071342.D
Acq: 17 Mar 2022 02:03

Tgt Ion:	180	Resp:	24506
Ion	Ratio	Lower	Upper
180	100		
182	92.3	0.0	190.0
145	29.7	0.0	67.8

