

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072722\
 Data File : VN073604.D
 Acq On : 27 Jul 2022 13:32
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Jul 27 14:55:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N072722W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jul 27 13:35:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.587	128	58585	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.904	114	304714	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.686	117	262921	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.375	65	149853	29.584	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	98.600%
60) 4-Bromofluorobenzene	12.675	95	121549	26.109	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	87.033%
63) Toluene-d8	10.381	98	448351	30.285	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	100.933%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.052	85	2617	0.657	ug/l	92
3) Chloromethane	2.263	50	3569	0.678	ug/l #	87
4) Vinyl Chloride	2.405	62	3014	0.466	ug/l	93
7) Trichlorofluoromethane	3.322	101	3361	0.529	ug/l #	80
9) 1,1,2-Trichlorotrifluo...	4.140	101	2189	0.571	ug/l #	52
10) 1,1-Dichloroethene	4.116	96	1384	0.377	ug/l #	50
11) Methyl Iodide	4.357	142	2027	0.479	ug/l #	83
12) Methyl Acetate	4.769	43	1408	0.226	ug/l #	49
13) Acrolein	3.987	56	1432	1.307	ug/l	90
14) Acrylonitrile	5.481	53	6028	2.095	ug/l	98
15) Acetone	4.240	58	1626	2.033	ug/l #	22
16) Carbon Disulfide	4.463	76	15647	1.561	ug/l	98
18) Methylene Chloride	5.010	84	3839	0.826	ug/l #	89
19) trans-1,2-Dichloroethene	5.528	96	1326	0.326	ug/l #	73
21) 1,1-Dichloroethane	6.298	63	1671	0.213	ug/l #	84
22) cis-1,2-Dichloroethene	7.251	96	1528	0.312	ug/l #	1
23) tert-Butyl Alcohol	5.293	59	1056	1.039	ug/l #	100
25) Chloroform	7.740	83	1898	0.234	ug/l #	81
26) Cyclohexane	8.028	56	1728	0.255	ug/l #	25
29) 1,1-Dichloropropene	8.157	75	2233	0.392	ug/l	64
30) 2-Butanone	7.269	43	5923	1.505	ug/l	92
31) 2,2-Dichloropropane	7.234	77	2679	0.451	ug/l #	53
32) 1,1,1-Trichloroethane	7.945	97	1727	0.262	ug/l #	77
33) Carbon Tetrachloride	8.140	117	1976	0.350	ug/l #	74
34) Benzene	8.392	78	6917	0.375	ug/l #	1
36) 1,2-Dichloroethane	8.463	62	2574	0.424	ug/l #	93
37) Trichloroethene	9.151	130	3407	0.752	ug/l	89
38) Methylcyclohexane	9.392	83	3173	0.449	ug/l	97
39) 1,2-Dichloropropane	9.422	63	1194	0.257	ug/l	90
40) Dibromomethane	9.516	93	1765	0.560	ug/l	91
41) Bromodichloromethane	9.704	83	1804	0.292	ug/l #	83
42) Vinyl Acetate	6.351	43	13291	1.172	ug/l	99
44) Isopropyl Acetate	8.492	43	2756	0.265	ug/l #	82
45) 1,4-Dioxane	9.504	88	517	4.173	ug/l #	38
46) Methyl methacrylate	9.498	41	2110	0.454	ug/l	76
47) n-amyl Acetate	12.333	43	6711	0.810	ug/l	94
48) t-1,3-Dichloropropene	10.663	75	2840	0.447	ug/l	91
49) cis-1,3-Dichloropropene	10.133	75	2275	0.322	ug/l #	88
50) 1,1,2-Trichloroethane	10.845	97	1699	0.359	ug/l #	86

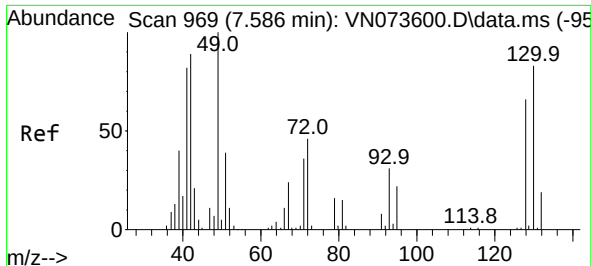
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072722\
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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
51) Ethyl methacrylate	10.698	69	2223	0.312	ug/l	85
52) 1,3-Dichloropropane	10.992	76	2982	0.374	ug/l	97
54) 1,2-Dibromoethane	11.280	107	1315	0.273	ug/l #	54
55) 2-Chloroethyl vinyl ether	9.986	63	1006	0.315	ug/l #	82
56) Bromoform	12.392	173	1431	0.380	ug/l #	93
58) 4-Methyl-2-Pentanone	10.275	43	12060	1.774	ug/l	97
59) 2-Hexanone	11.028	43	17451	3.333	ug/l	99
61) Tetrachloroethene	10.916	164	3464	0.860	ug/l	97
62) Toluene	10.445	91	9206	0.504	ug/l	91
64) Chlorobenzene	11.710	112	7379	0.675	ug/l #	88
65) 1,1,1,2-Tetrachloroethane	11.780	131	1366	0.337	ug/l	74
66) Ethyl Benzene	11.786	91	9266	0.474	ug/l	97
67) m/p-Xylenes	11.892	106	7598	1.017	ug/l	99
68) o-Xylene	12.222	106	3284	0.443	ug/l	93
69) Styrene	12.239	104	6571	0.537	ug/l	91
70) Isopropylbenzene	12.516	105	8036	0.424	ug/l	97
71) 1,1,2,2-Tetrachloroethane	12.774	83	4201	0.630	ug/l	91
72) 1,2,3-Trichloropropane	12.827	75	5217	0.936	ug/l	78
73) Bromobenzene	12.804	156	4512	0.957	ug/l	86
74) n-propylbenzene	12.863	91	13420	0.608	ug/l	92
75) 2-Chlorotoluene	12.951	91	8985	0.679	ug/l	89
76) 1,3,5-Trimethylbenzene	12.998	105	7381	0.464	ug/l	94
77) t-1,4-Dichloro-2-butene	12.569	75	425	0.209	ug/l	72
78) 4-Chlorotoluene	13.045	91	10881	0.856	ug/l	94
79) tert-butylbenzene	13.263	119	5679	0.413	ug/l	93
80) 1,2,4-Trimethylbenzene	13.310	105	8539	0.489	ug/l #	79
81) sec-Butylbenzene	13.439	105	10015	0.508	ug/l	81
82) p-Isopropyltoluene	13.563	119	8711	0.538	ug/l	97
83) 1,3-Dichlorobenzene	13.557	146	11167	1.294	ug/l	90
84) 1,4-Dichlorobenzene	13.633	146	11309	1.359	ug/l	93
85) n-Butylbenzene	13.880	91	11591	0.883	ug/l	94
86) Hexachloroethane	14.151	117	1321	0.445	ug/l	82
87) 1,2-Dichlorobenzene	13.927	146	9775	1.121	ug/l	94
88) 1,2-Dibromo-3-Chloropr...	14.545	75	2496	1.713	ug/l	84
89) 1,2,4-Trichlorobenzene	15.204	180	17458	3.637	ug/l	94
90) Hexachlorobutadiene	15.298	225	3725	1.532	ug/l	97
91) Naphthalene	15.439	128	86665	5.499	ug/l	98
92) 1,2,3-Trichlorobenzene	15.627	180	21945	4.450	ug/l	97

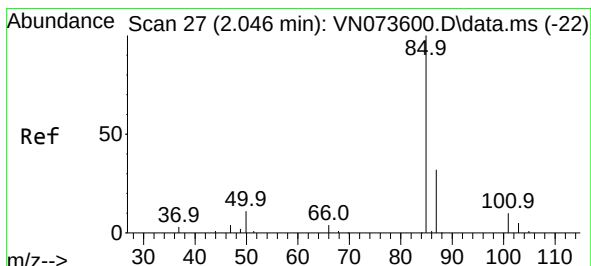
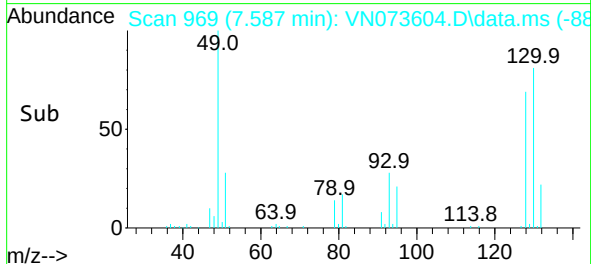
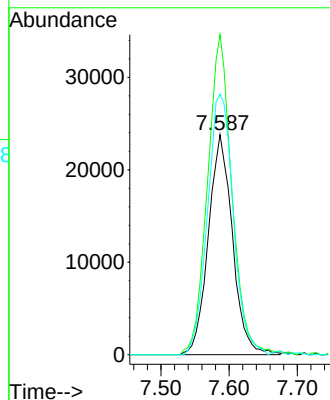
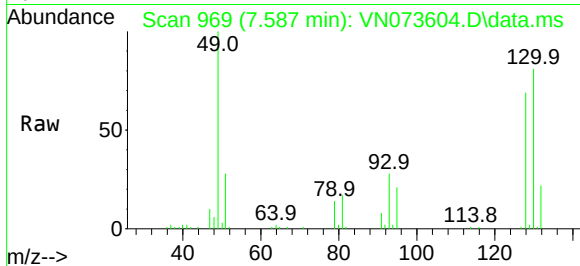
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.587 min Scan# 90
Delta R.T. 0.001 min
Lab File: VN073604.D
Acq: 27 Jul 2022 13:32

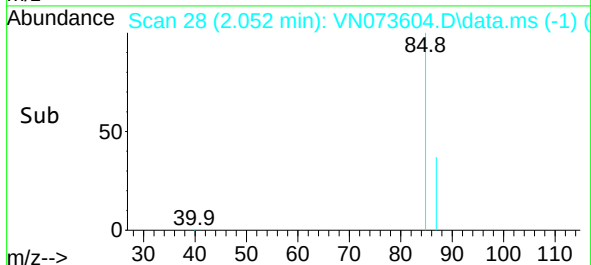
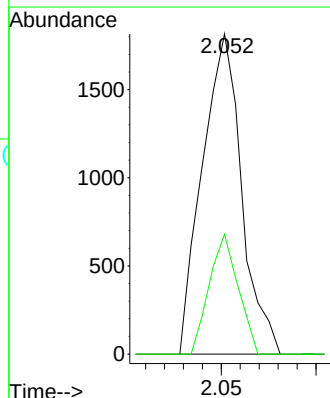
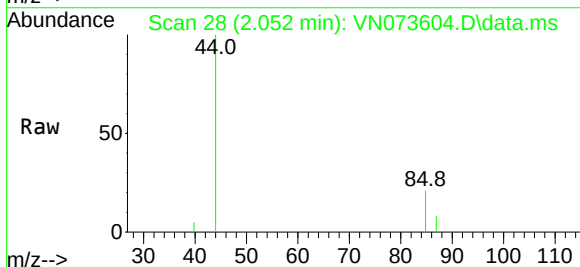
Instrument :
MSVOA_N
ClientSampleId :
IBLK

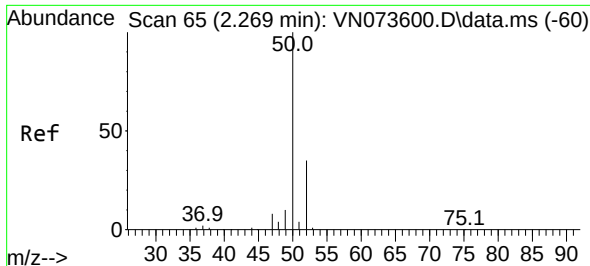
Tgt Ion:128 Resp: 58585
Ion Ratio Lower Upper
128 100
49 146.3 0.0 392.3
130 127.1 0.0 320.2



#2
Dichlorodifluoromethane
Concen: 0.657 ug/l
RT: 2.052 min Scan# 28
Delta R.T. 0.006 min
Lab File: VN073604.D
Acq: 27 Jul 2022 13:32

Tgt Ion: 85 Resp: 2617
Ion Ratio Lower Upper
85 100
87 37.4 16.6 49.7

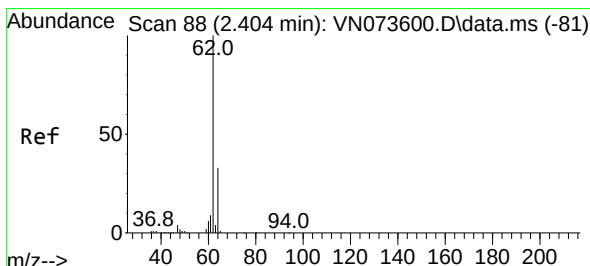
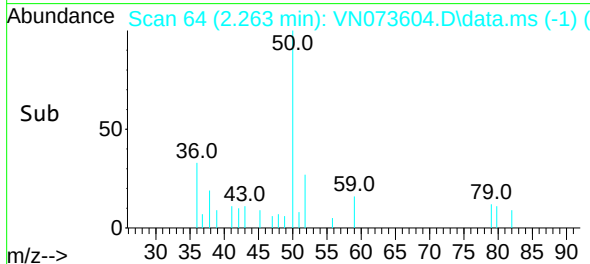
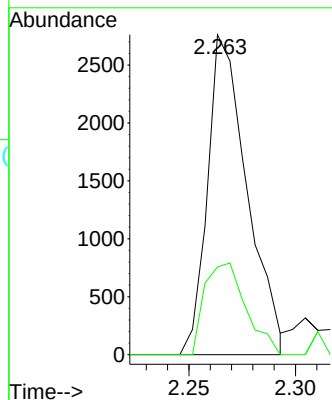
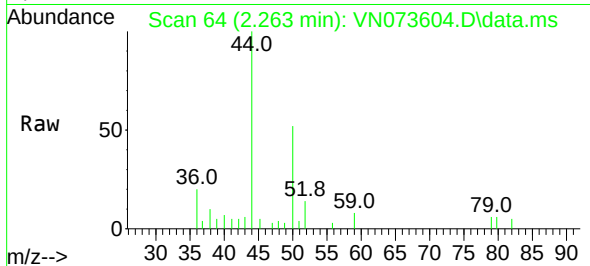




#3
Chloromethane
Concen: 0.678 ug/l
RT: 2.263 min Scan# 64
Delta R.T. -0.006 min
Lab File: VN073604.D
Acq: 27 Jul 2022 13:32

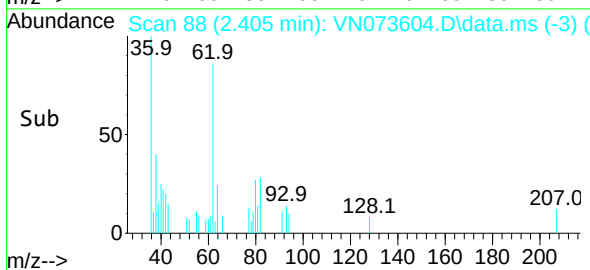
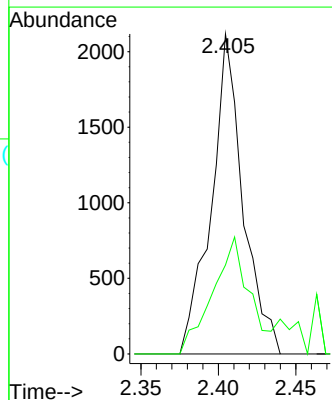
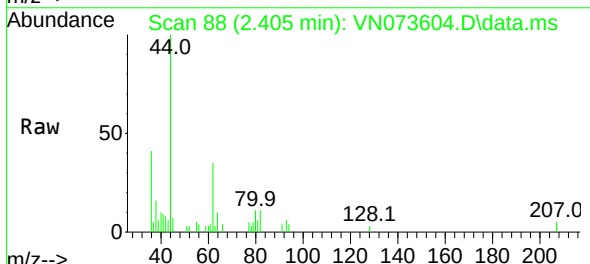
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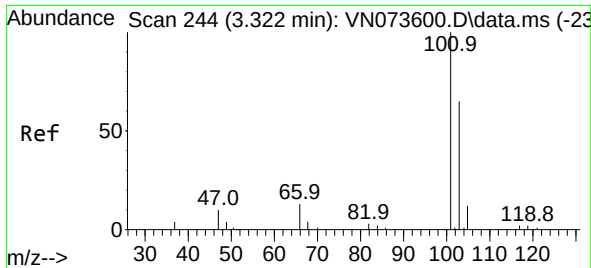
Tgt Ion: 50 Resp: 3569
Ion Ratio Lower Upper
50 100
52 27.4 27.8 41.6#



#4
Vinyl Chloride
Concen: 0.466 ug/l
RT: 2.405 min Scan# 88
Delta R.T. 0.000 min
Lab File: VN073604.D
Acq: 27 Jul 2022 13:32

Tgt Ion: 62 Resp: 3014
Ion Ratio Lower Upper
62 100
64 27.8 25.1 37.7

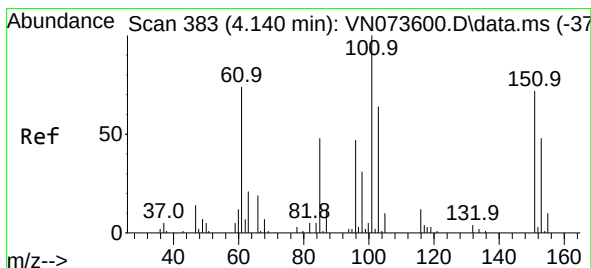
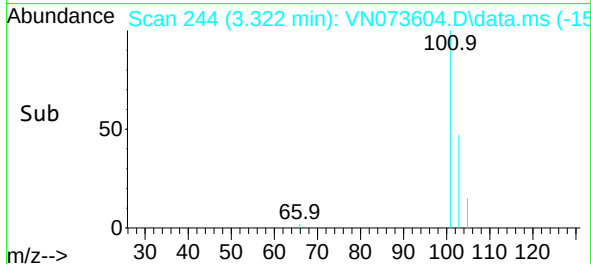
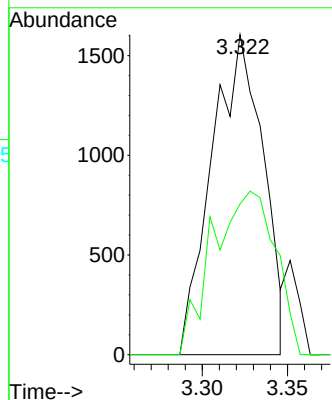
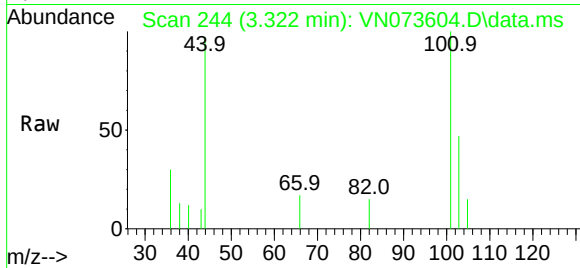




#7
 Trichlorofluoromethane
 Concen: 0.529 ug/l
 RT: 3.322 min Scan# 244
 Delta R.T. 0.000 min
 Lab File: VN073604.D
 Acq: 27 Jul 2022 13:32

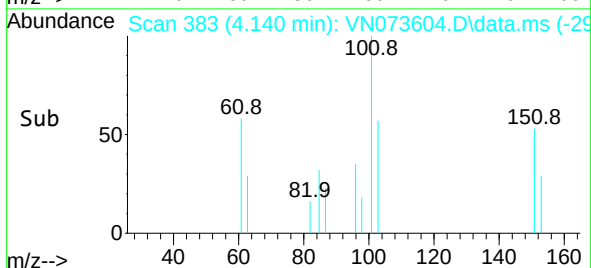
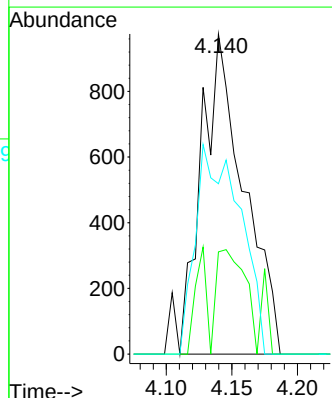
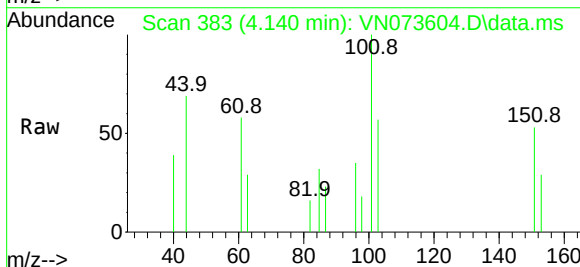
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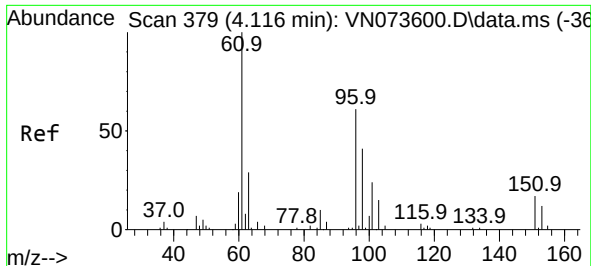
Tgt Ion:101 Resp: 3361
 Ion Ratio Lower Upper
 101 100
 103 47.1 50.1 75.1#



#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.571 ug/l
 RT: 4.140 min Scan# 383
 Delta R.T. 0.000 min
 Lab File: VN073604.D
 Acq: 27 Jul 2022 13:32

Tgt Ion:101 Resp: 2189
 Ion Ratio Lower Upper
 101 100
 85 22.2 0.0 94.0
 151 0.0 0.0 74.6





#10

1,1-Dichloroethene

Concen: 0.377 ug/l

RT: 4.116 min Scan# 31

Delta R.T. 0.000 min

Lab File: VN073604.D

Acq: 27 Jul 2022 13:32

Instrument :

MSVOA_N

ClientSampleId :

IBLK

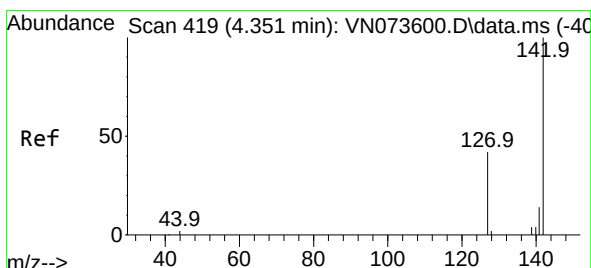
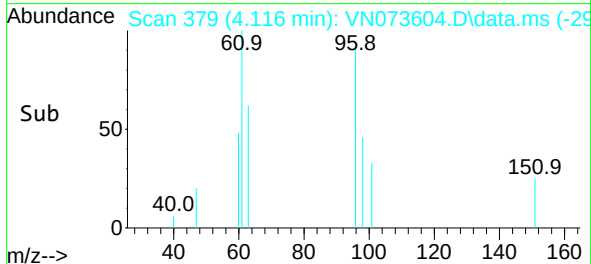
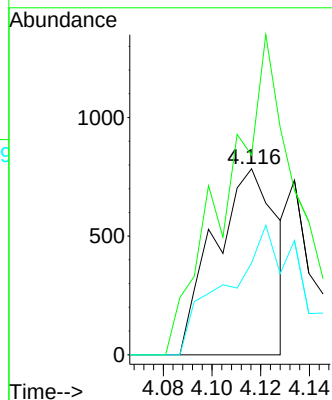
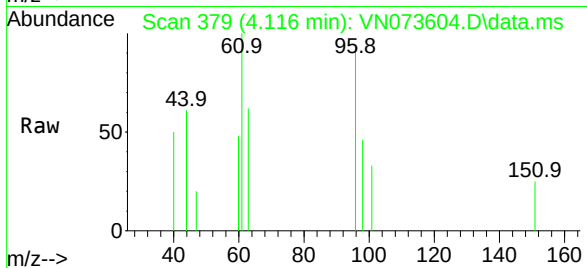
Tgt Ion: 96 Resp: 1384

Ion Ratio Lower Upper

96 100

61 76.5 126.2 189.4#

98 49.4 50.9 76.3#



#11

Methyl Iodide

Concen: 0.479 ug/l

RT: 4.357 min Scan# 420

Delta R.T. 0.006 min

Lab File: VN073604.D

Acq: 27 Jul 2022 13:32

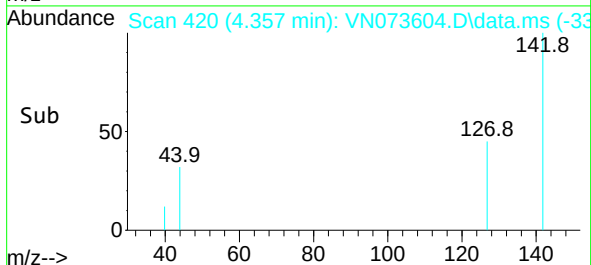
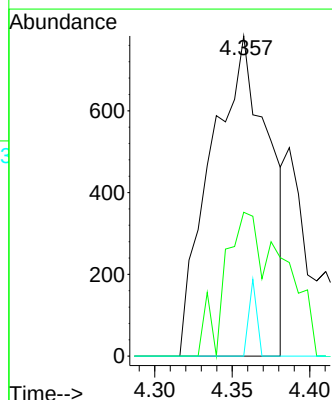
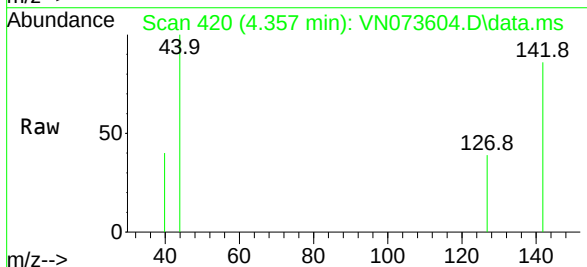
Tgt Ion: 142 Resp: 2027

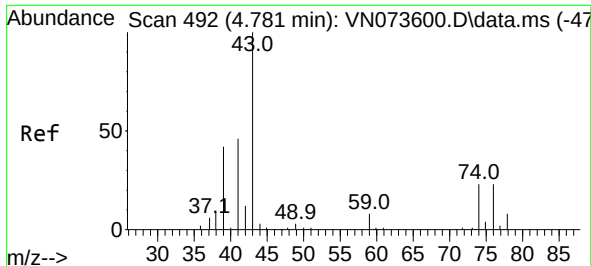
Ion Ratio Lower Upper

142 100

127 41.9 24.0 72.0

141 0.0 8.4 25.2#

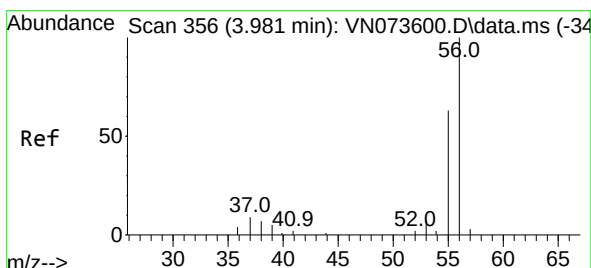
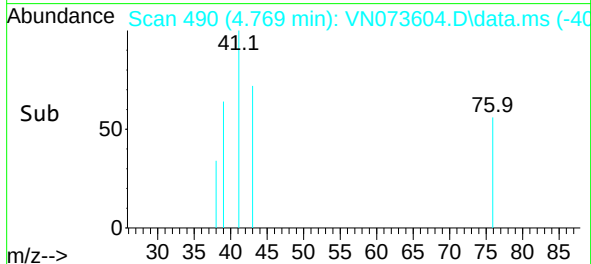
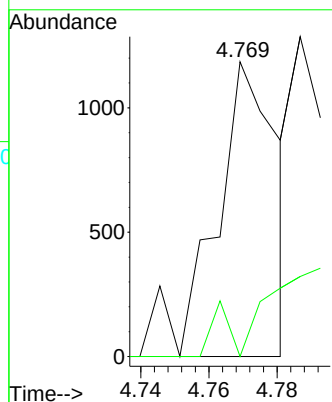
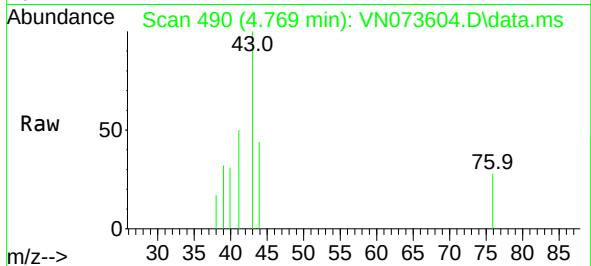




#12
Methyl Acetate
Concen: 0.226 ug/l
RT: 4.769 min Scan# 49
Delta R.T. -0.012 min
Lab File: VN073604.D
Acq: 27 Jul 2022 13:32

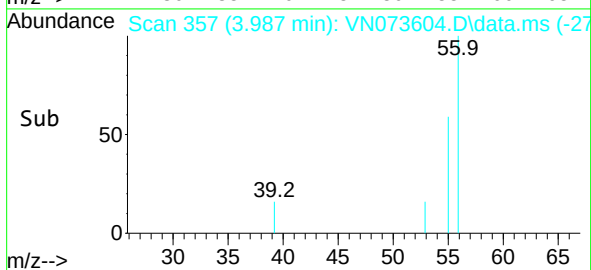
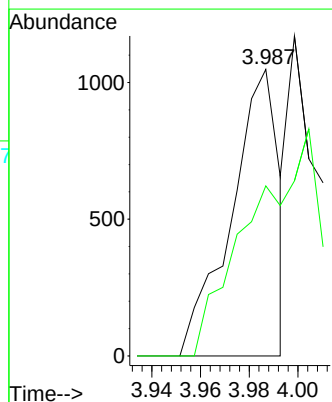
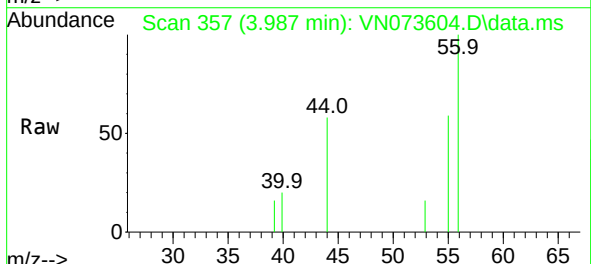
Instrument :
MSVOA_N
ClientSampleId :
IBLK

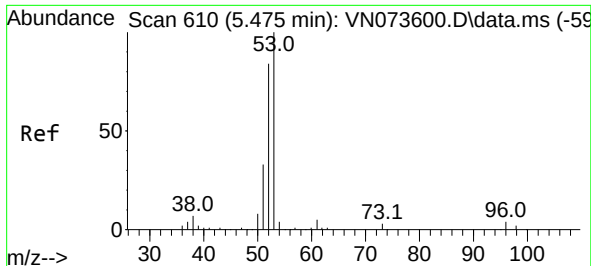
Tgt Ion: 43 Resp: 1408
Ion Ratio Lower Upper
43 100
74 0.0 20.8 31.2#



#13
Acrolein
Concen: 1.307 ug/l
RT: 3.987 min Scan# 357
Delta R.T. 0.006 min
Lab File: VN073604.D
Acq: 27 Jul 2022 13:32

Tgt Ion: 56 Resp: 1432
Ion Ratio Lower Upper
56 100
55 63.7 57.6 86.4





#14

Acrylonitrile

Concen: 2.095 ug/l

RT: 5.481 min Scan# 610

Delta R.T. 0.006 min

Lab File: VN073604.D

Acq: 27 Jul 2022 13:32

Instrument :

MSVOA_N

ClientSampleId :

IBLK

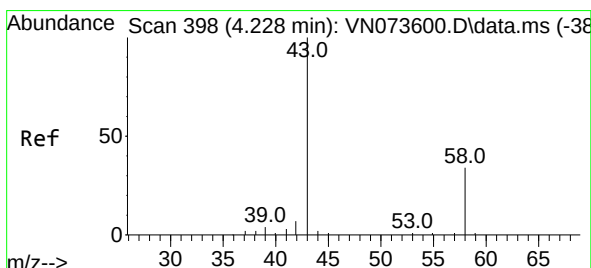
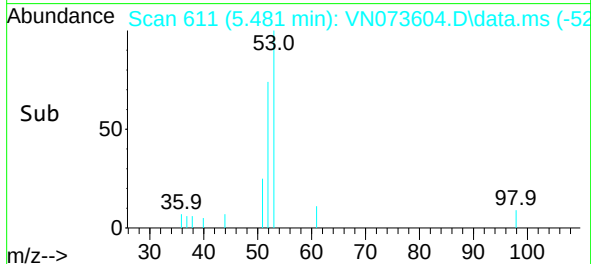
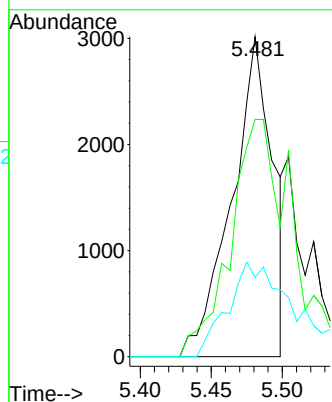
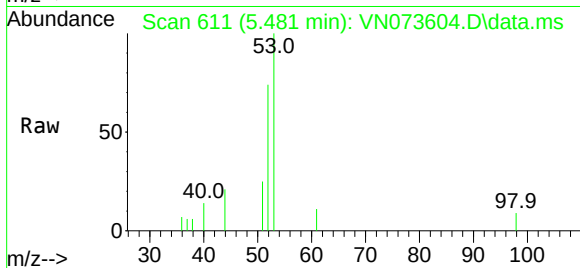
Tgt Ion: 53 Resp: 6028

Ion Ratio Lower Upper

53 100

52 81.6 41.8 125.4

51 38.9 19.0 57.0



#15

Acetone

Concen: 2.033 ug/l

RT: 4.240 min Scan# 400

Delta R.T. 0.012 min

Lab File: VN073604.D

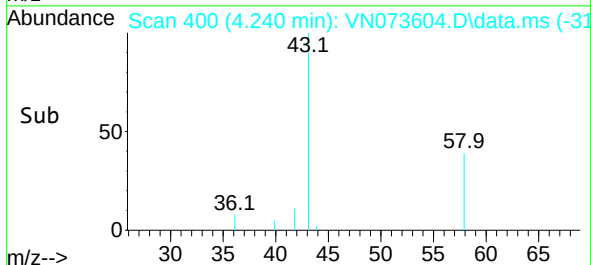
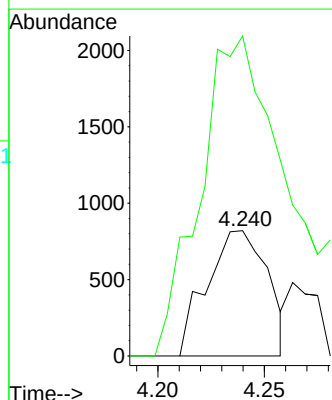
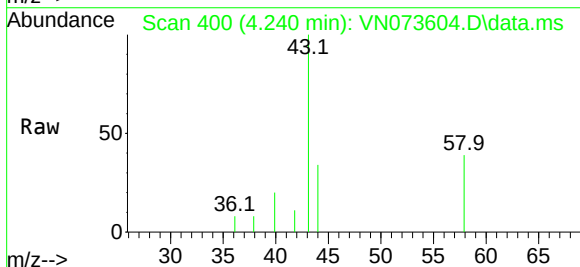
Acq: 27 Jul 2022 13:32

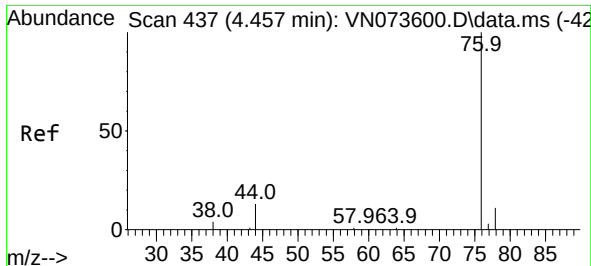
Tgt Ion: 58 Resp: 1626

Ion Ratio Lower Upper

58 100

43 160.6 256.6 384.8#

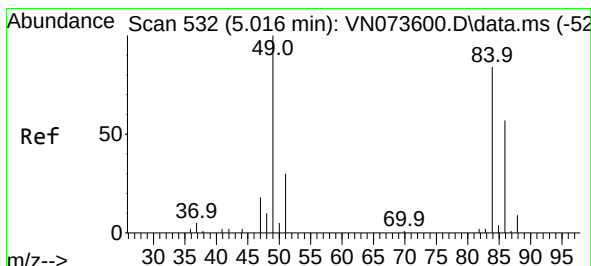
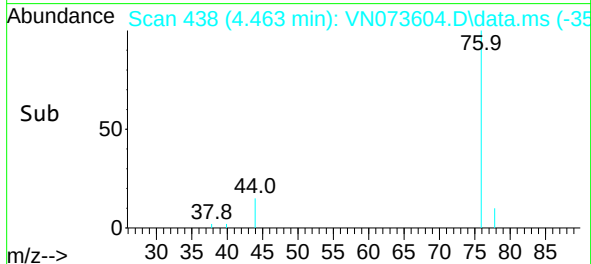
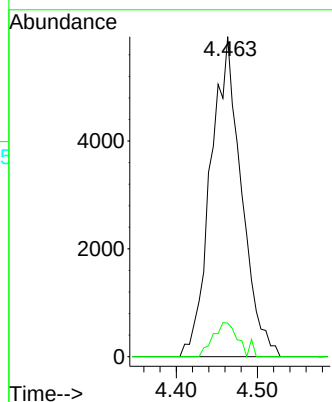
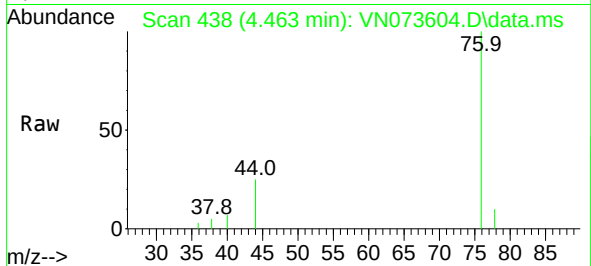




#16
Carbon Disulfide
Concen: 1.561 ug/l
RT: 4.463 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN073604.D
Acq: 27 Jul 2022 13:32

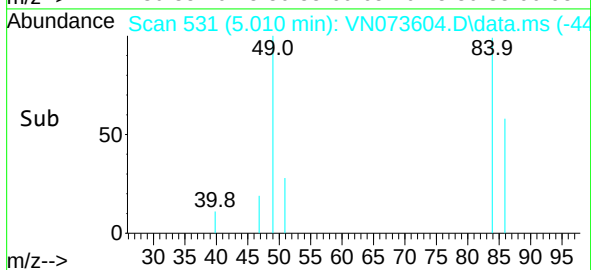
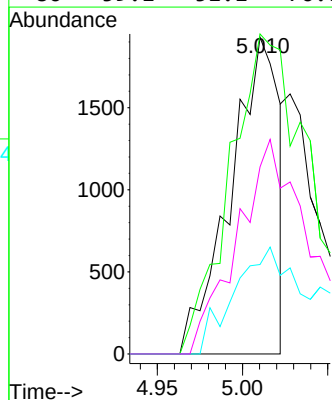
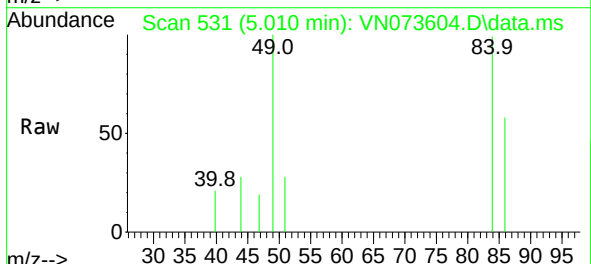
Instrument :
MSVOA_N
ClientSampleId :
IBLK

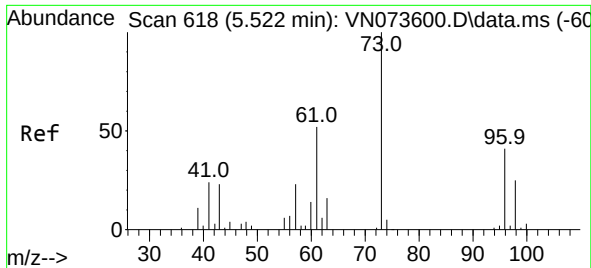
Tgt Ion: 76 Resp: 15647
Ion Ratio Lower Upper
76 100
78 10.5 7.8 11.8



#18
Methylene Chloride
Concen: 0.826 ug/l
RT: 5.010 min Scan# 531
Delta R.T. -0.006 min
Lab File: VN073604.D
Acq: 27 Jul 2022 13:32

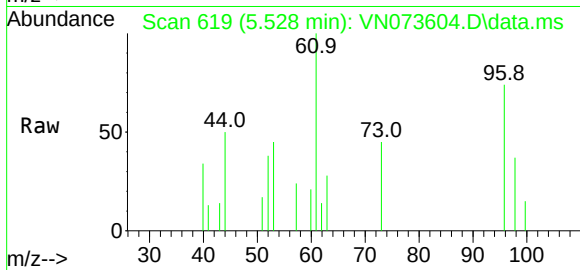
Tgt Ion: 84 Resp: 3839
Ion Ratio Lower Upper
84 100
49 101.1 91.4 137.0
51 28.3 29.4 44.0#
86 59.1 51.1 76.7



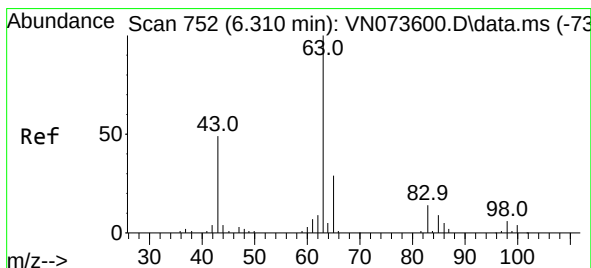
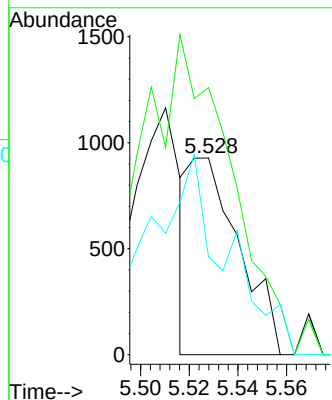
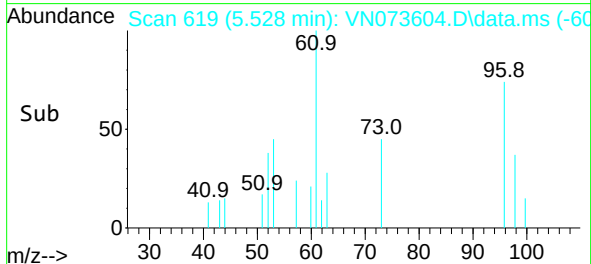


#19
trans-1,2-Dichloroethene
Concen: 0.326 ug/l
RT: 5.528 min Scan# 619
Delta R.T. 0.006 min
Lab File: VN073604.D
Acq: 27 Jul 2022 13:32

Instrument :
MSVOA_N
ClientSampleId :
IBLK

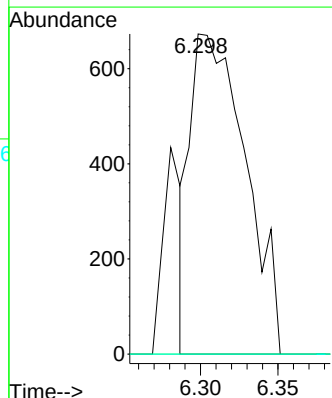
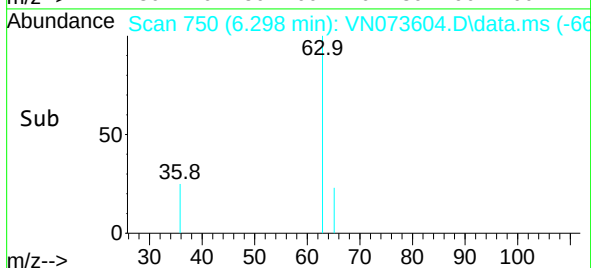
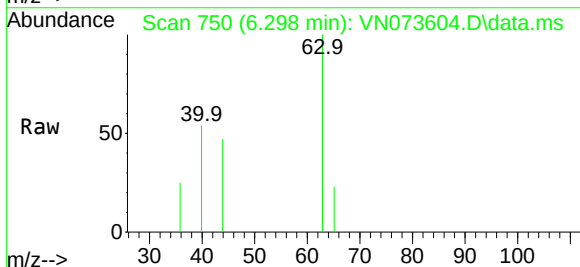


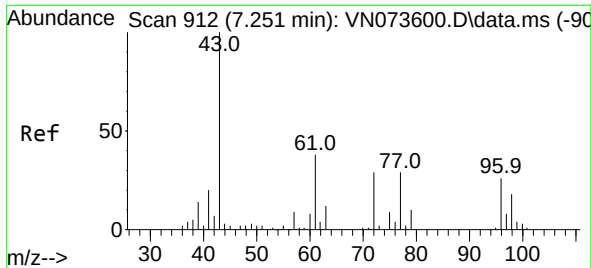
Tgt Ion: 96 Resp: 1326
Ion Ratio Lower Upper
96 100
61 110.2 102.8 154.2
98 24.1 49.3 73.9#



#21
1,1-Dichloroethane
Concen: 0.213 ug/l
RT: 6.298 min Scan# 750
Delta R.T. -0.012 min
Lab File: VN073604.D
Acq: 27 Jul 2022 13:32

Tgt Ion: 63 Resp: 1671
Ion Ratio Lower Upper
63 100
98 0.0 3.2 9.6#
100 0.0 2.1 6.2#

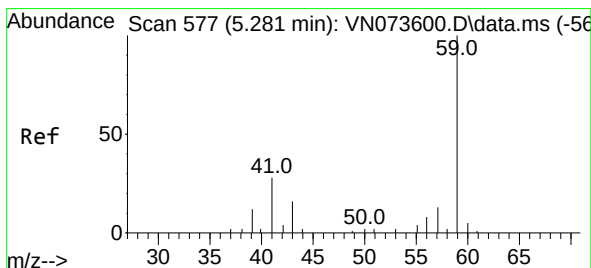
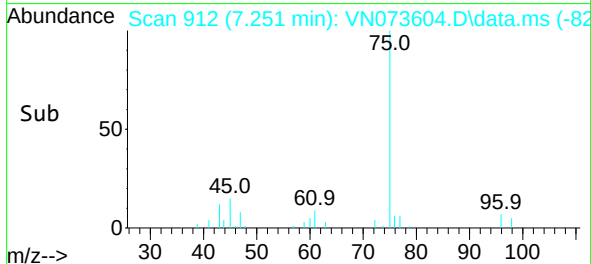
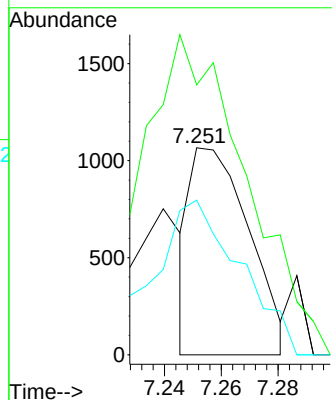
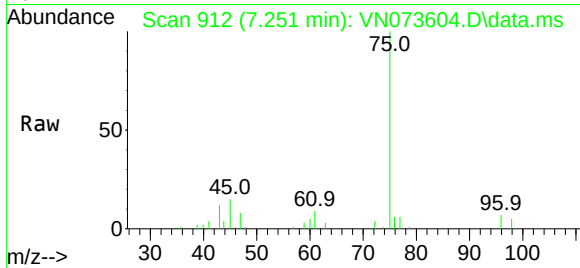




#22
 cis-1,2-Dichloroethene
 Concen: 0.312 ug/l
 RT: 7.251 min Scan# 912
 Delta R.T. 0.000 min
 Lab File: VN073604.D
 Acq: 27 Jul 2022 13:32

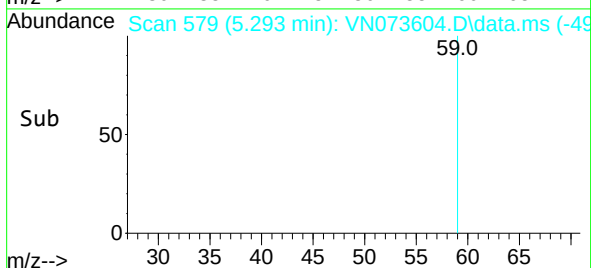
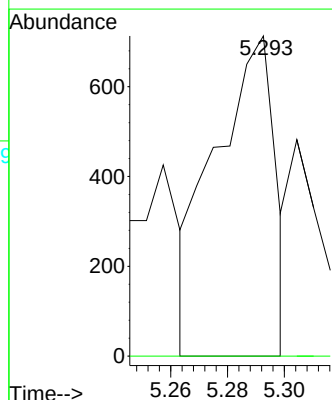
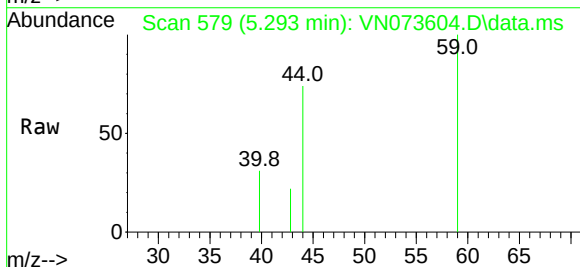
Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

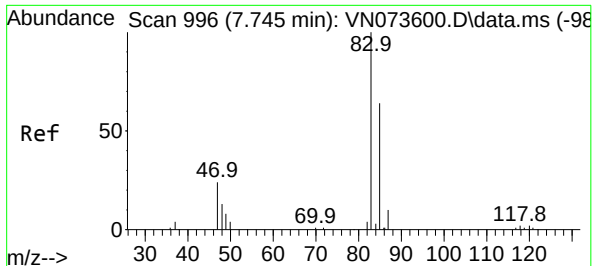
Tgt Ion: 96 Resp: 1528
 Ion Ratio Lower Upper
 96 100
 61 309.0 115.7 173.5#
 98 116.2 51.6 77.4#



#23
 tert-Butyl Alcohol
 Concen: 1.039 ug/l
 RT: 5.293 min Scan# 579
 Delta R.T. 0.012 min
 Lab File: VN073604.D
 Acq: 27 Jul 2022 13:32

Tgt Ion: 59 Resp: 1056
 Ion Ratio Lower Upper
 59 100
 52 0.0 0.0 0.0

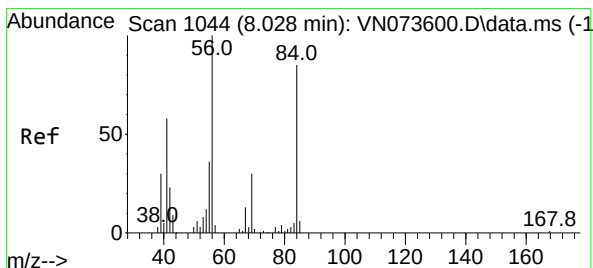
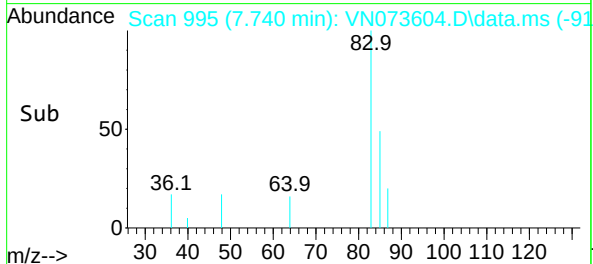
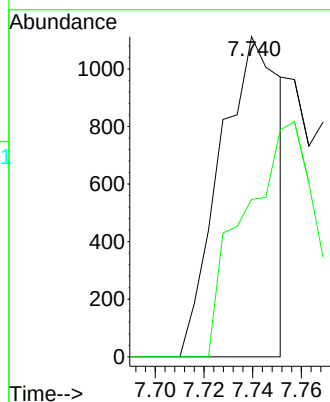
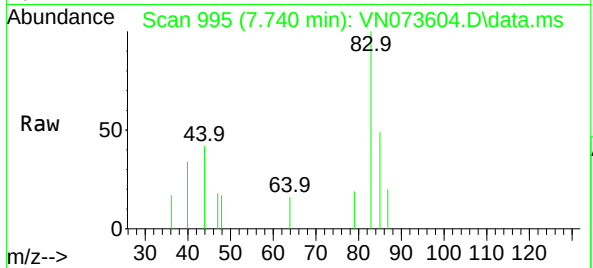




#25
Chloroform
Concen: 0.234 ug/l
RT: 7.740 min Scan# 996
Delta R.T. -0.006 min
Lab File: VN073604.D
Acq: 27 Jul 2022 13:32

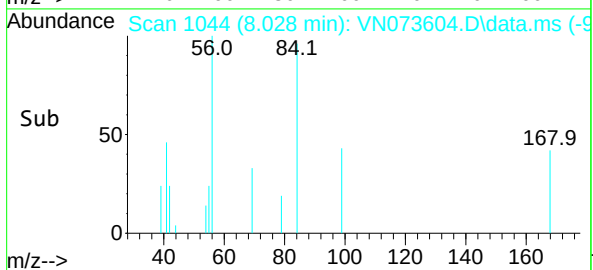
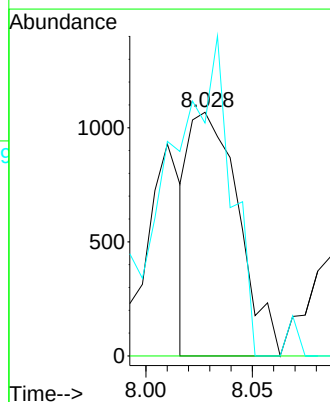
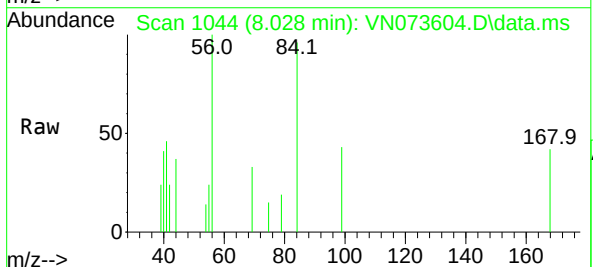
Instrument :
MSVOA_N
ClientSampleId :
IBLK

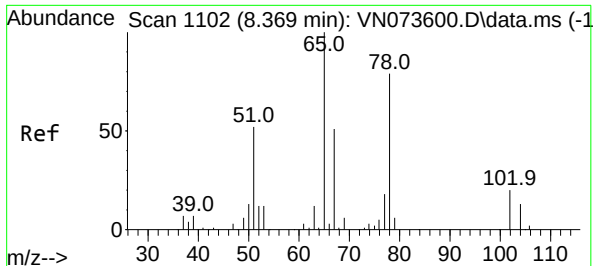
Tgt Ion: 83 Resp: 1898
Ion Ratio Lower Upper
83 100
85 49.2 51.3 76.9#



#26
Cyclohexane
Concen: 0.255 ug/l
RT: 8.028 min Scan# 1044
Delta R.T. 0.000 min
Lab File: VN073604.D
Acq: 27 Jul 2022 13:32

Tgt Ion: 56 Resp: 1728
Ion Ratio Lower Upper
56 100
89 0.0 0.1 0.1#
84 165.3 74.6 111.8#

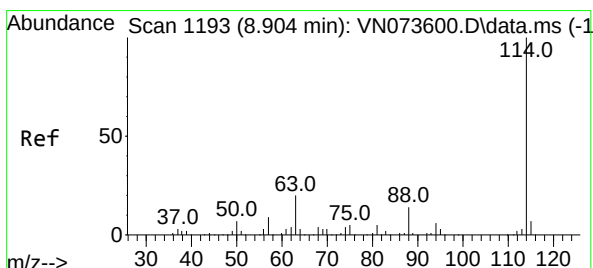
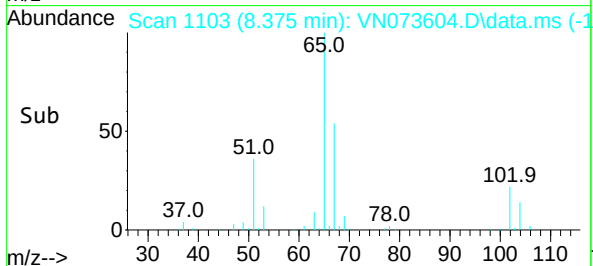
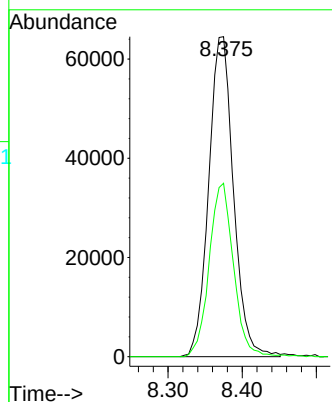
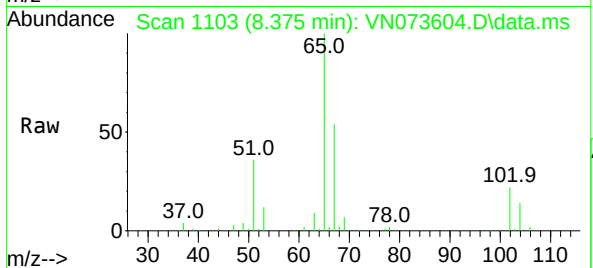




#27
 1,2-Dichloroethane-d4
 Concen: 29.584 ug/l
 RT: 8.375 min Scan# 1103
 Delta R.T. 0.006 min
 Lab File: VN073604.D
 Acq: 27 Jul 2022 13:32

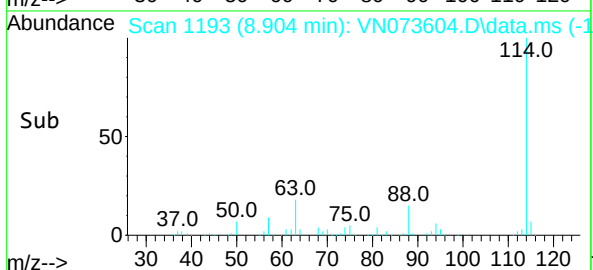
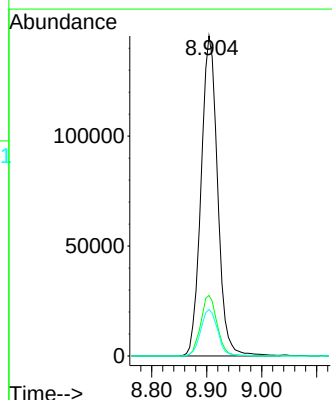
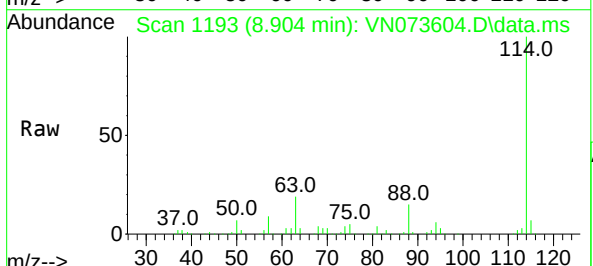
Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

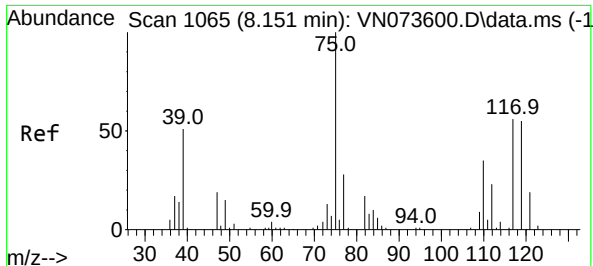
Tgt Ion: 65 Resp: 149853
 Ion Ratio Lower Upper
 65 100
 67 52.9 40.2 60.2



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.904 min Scan# 1193
 Delta R.T. 0.000 min
 Lab File: VN073604.D
 Acq: 27 Jul 2022 13:32

Tgt Ion: 114 Resp: 304714
 Ion Ratio Lower Upper
 114 100
 63 18.7 15.8 23.6
 88 14.8 11.6 17.4

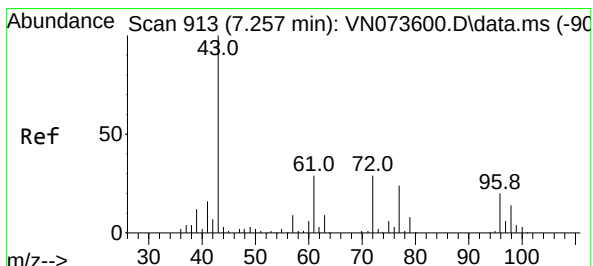
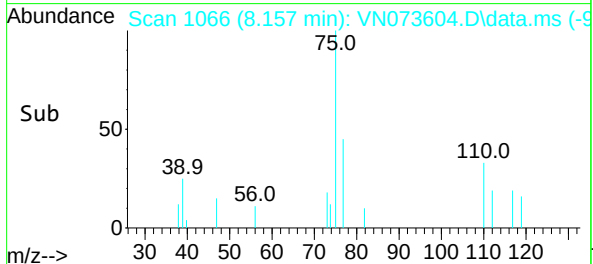
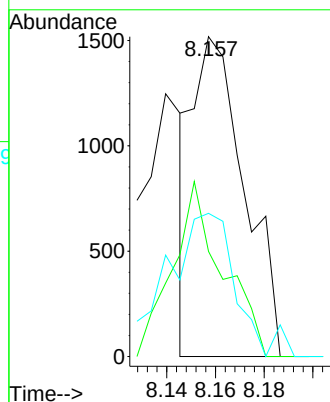
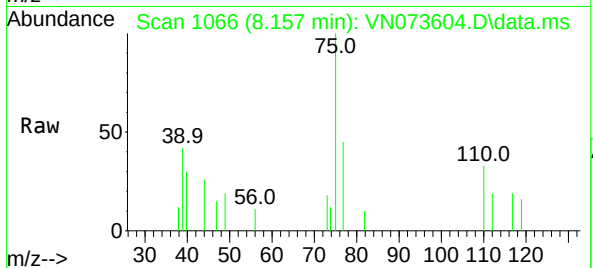




#29
1,1-Dichloropropene
Concen: 0.392 ug/l
RT: 8.157 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN073604.D
Acq: 27 Jul 2022 13:32

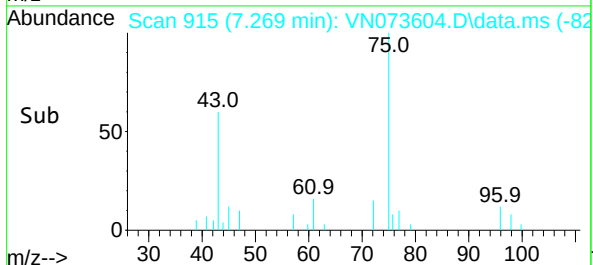
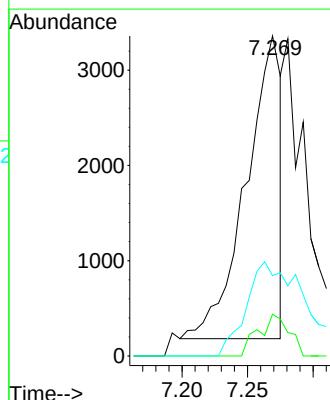
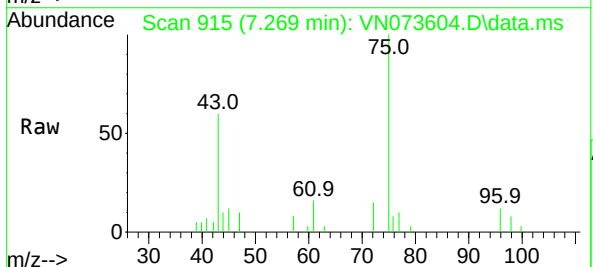
Instrument :
MSVOA_N
ClientSampleId :
IBLK

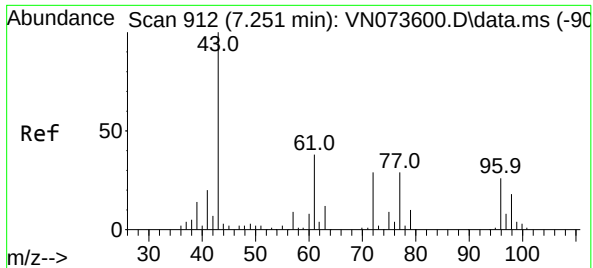
Tgt Ion: 75 Resp: 2233
Ion Ratio Lower Upper
75 100
110 52.9 0.0 74.2
77 57.4 0.0 63.2



#30
2-Butanone
Concen: 1.505 ug/l
RT: 7.269 min Scan# 915
Delta R.T. 0.012 min
Lab File: VN073604.D
Acq: 27 Jul 2022 13:32

Tgt Ion: 43 Resp: 5923
Ion Ratio Lower Upper
43 100
57 7.7 6.7 10.1
72 33.9 23.2 34.8





#31

2,2-Dichloropropane

Concen: 0.451 ug/l

RT: 7.234 min Scan# 90

Delta R.T. -0.018 min

Lab File: VN073604.D

Acq: 27 Jul 2022 13:32

Instrument :

MSVOA_N

ClientSampleId :

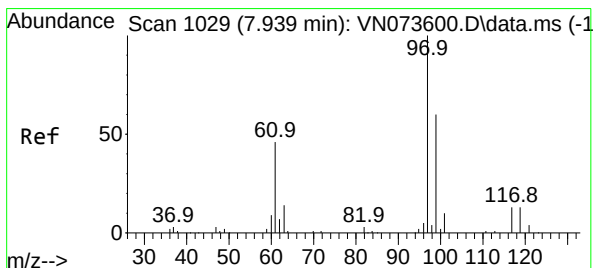
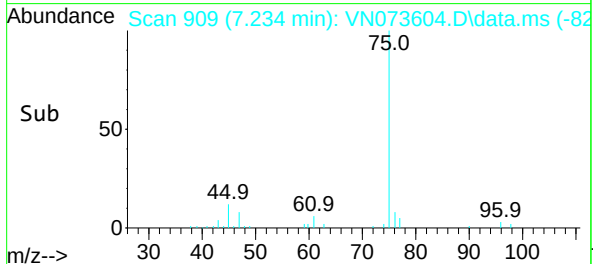
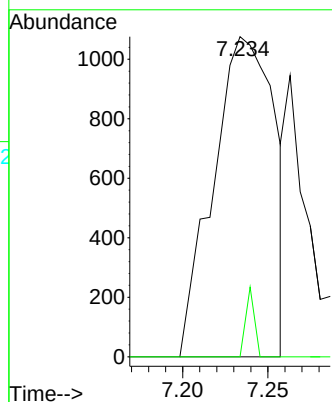
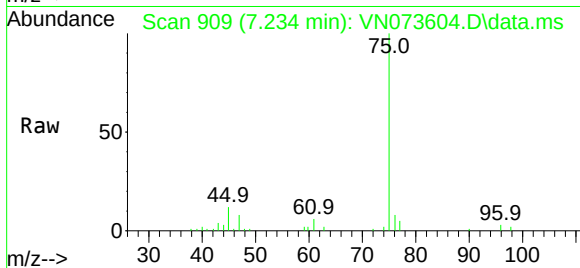
IBLK

Tgt Ion: 77 Resp: 2679

Ion Ratio Lower Upper

77 100

97 0.0 18.3 27.5#



#32

1,1,1-Trichloroethane

Concen: 0.262 ug/l

RT: 7.945 min Scan# 1030

Delta R.T. 0.006 min

Lab File: VN073604.D

Acq: 27 Jul 2022 13:32

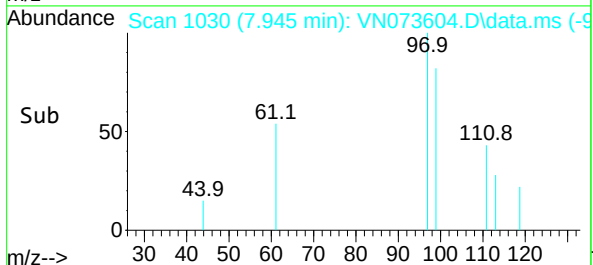
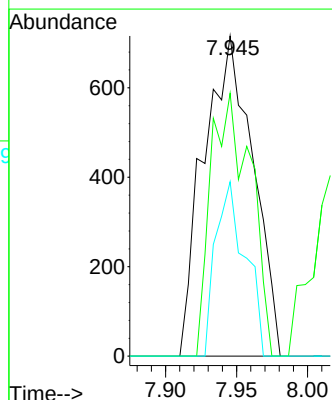
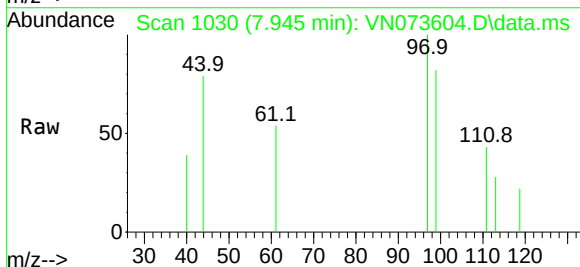
Tgt Ion: 97 Resp: 1727

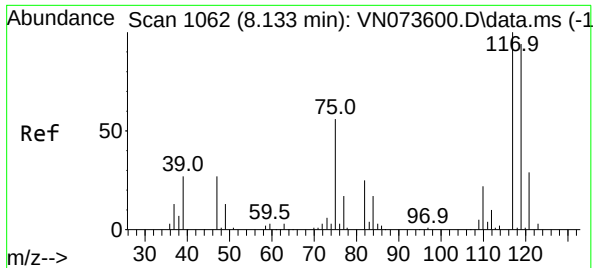
Ion Ratio Lower Upper

97 100

99 45.2 50.4 75.6#

61 28.7 34.6 51.8#

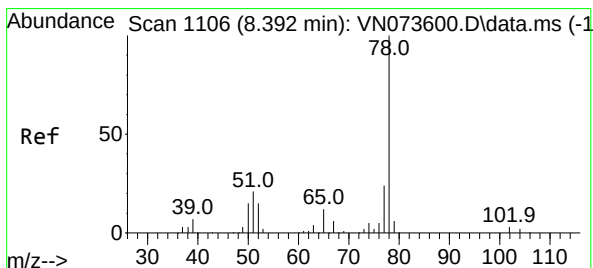
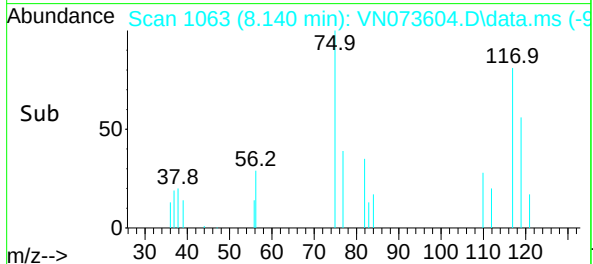
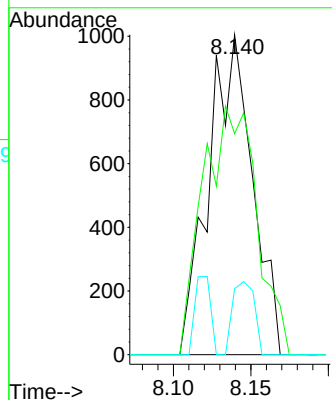
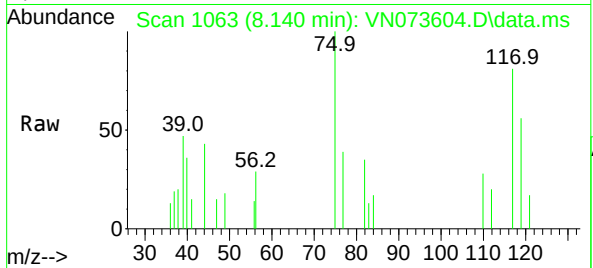




#33
Carbon Tetrachloride
Concen: 0.350 ug/l
RT: 8.140 min Scan# 1106
Delta R.T. 0.006 min
Lab File: VN073604.D
Acq: 27 Jul 2022 13:32

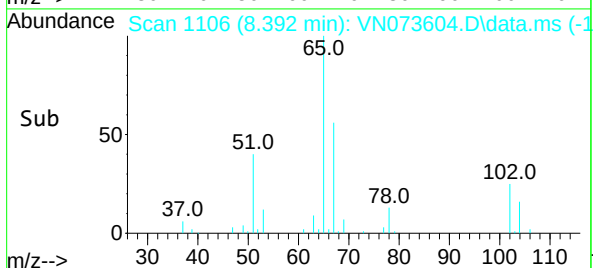
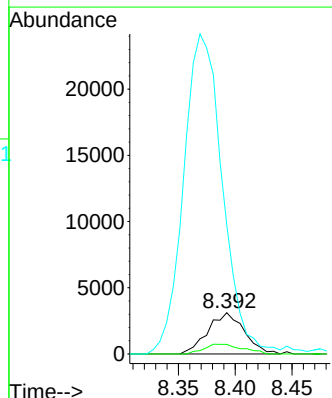
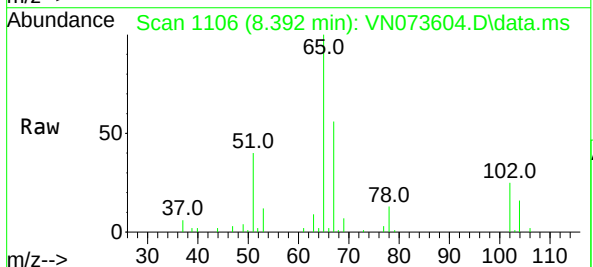
Instrument :
MSVOA_N
ClientSampleId :
IBLK

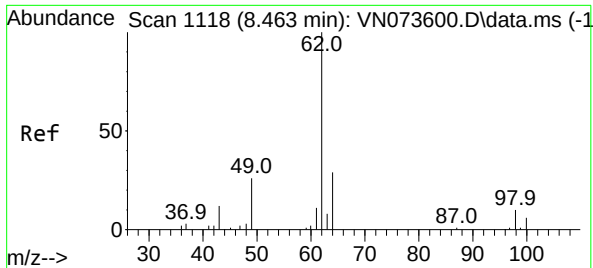
Tgt Ion:117 Resp: 1976
Ion Ratio Lower Upper
117 100
119 69.1 77.5 116.3#
121 20.6 23.5 35.3#



#34
Benzene
Concen: 0.375 ug/l
RT: 8.392 min Scan# 1106
Delta R.T. 0.000 min
Lab File: VN073604.D
Acq: 27 Jul 2022 13:32

Tgt Ion: 78 Resp: 6917
Ion Ratio Lower Upper
78 100
77 23.3 19.1 28.7
51 302.8 16.0 24.0#

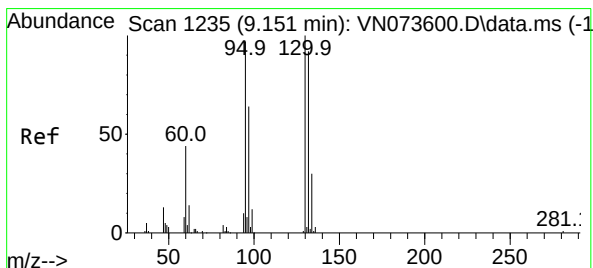
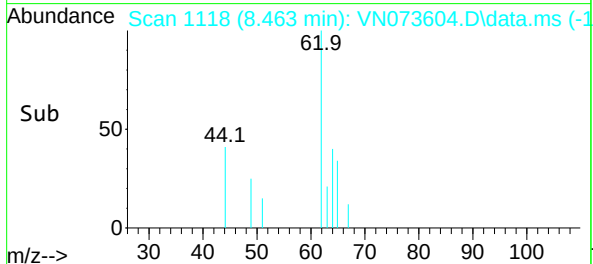
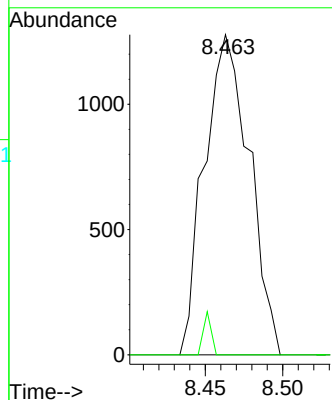
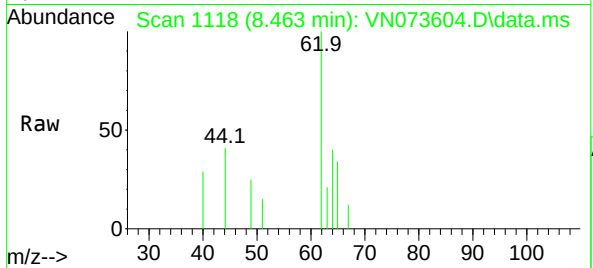




#36
1,2-Dichloroethane
Concen: 0.424 ug/l
RT: 8.463 min Scan# 1118
Delta R.T. 0.000 min
Lab File: VN073604.D
Acq: 27 Jul 2022 13:32

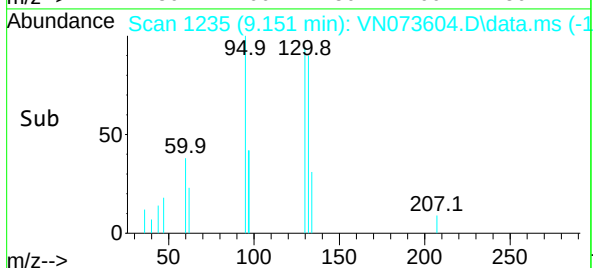
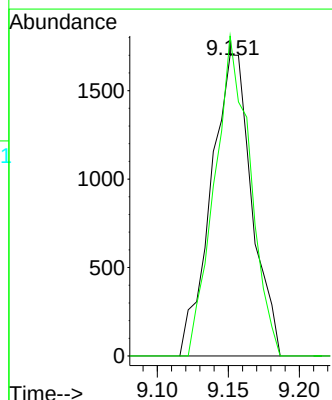
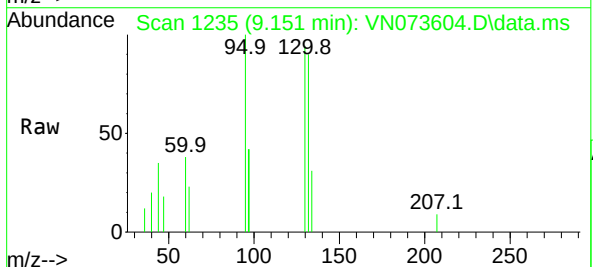
Instrument :
MSVOA_N
ClientSampleId :
IBLK

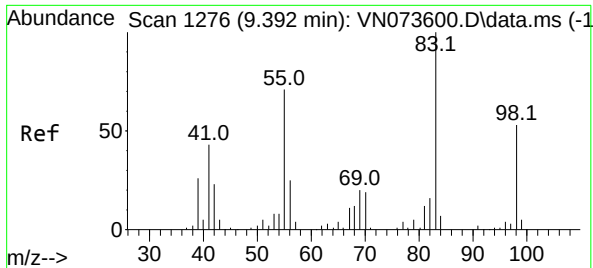
Tgt Ion: 62 Resp: 2574
Ion Ratio Lower Upper
62 100
98 5.7 6.6 10.0#



#37
Trichloroethene
Concen: 0.752 ug/l
RT: 9.151 min Scan# 1235
Delta R.T. 0.000 min
Lab File: VN073604.D
Acq: 27 Jul 2022 13:32

Tgt Ion: 130 Resp: 3407
Ion Ratio Lower Upper
130 100
95 106.3 76.6 115.0

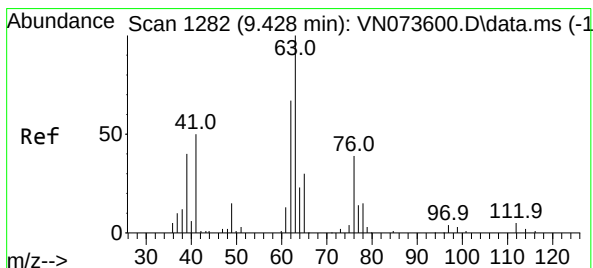
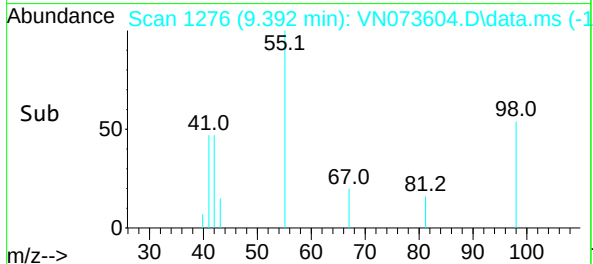
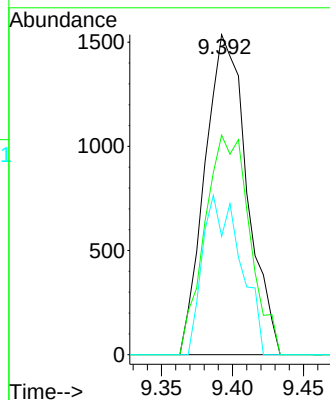
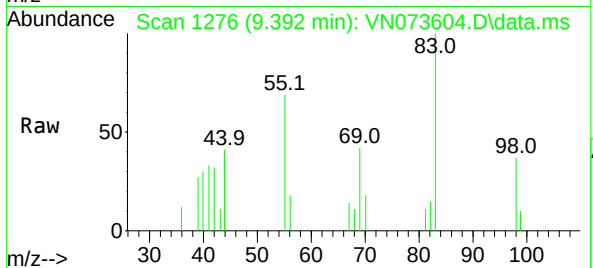




#38
Methylcyclohexane
Concen: 0.449 ug/l
RT: 9.392 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN073604.D
Acq: 27 Jul 2022 13:32

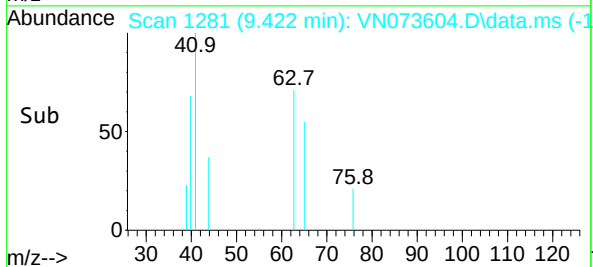
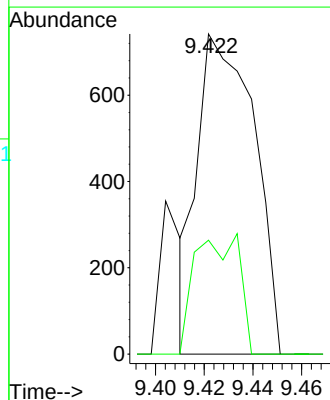
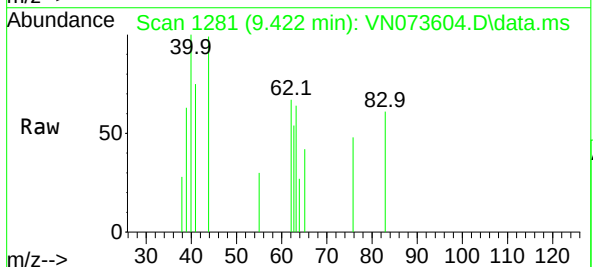
Instrument :
MSVOA_N
ClientSampleId :
IBLK

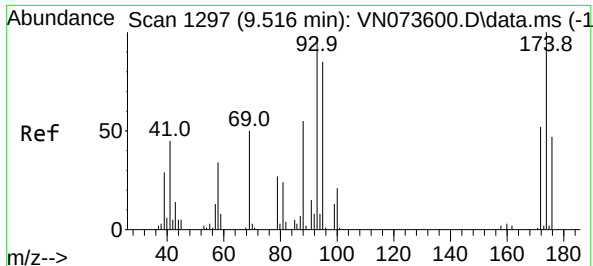
Tgt Ion: 83 Resp: 3173
Ion Ratio Lower Upper
83 100
55 73.0 35.1 105.3
98 44.7 23.4 70.2



#39
1,2-Dichloropropane
Concen: 0.257 ug/l
RT: 9.422 min Scan# 1281
Delta R.T. -0.006 min
Lab File: VN073604.D
Acq: 27 Jul 2022 13:32

Tgt Ion: 63 Resp: 1194
Ion Ratio Lower Upper
63 100
65 35.6 24.2 36.4

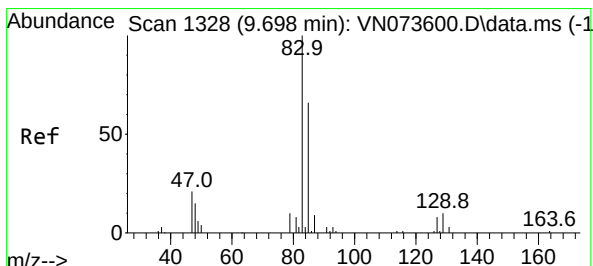
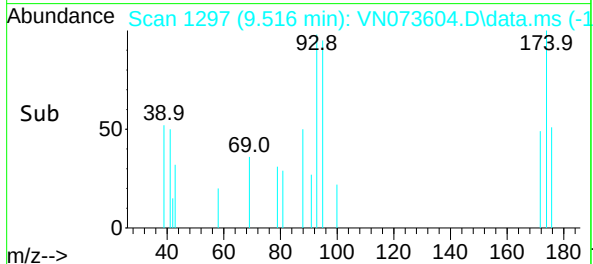
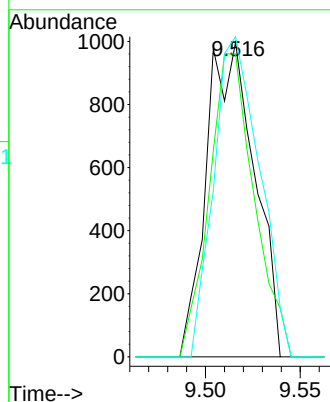
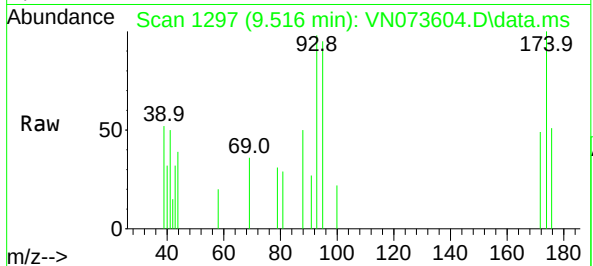




#40
Dibromomethane
Concen: 0.560 ug/l
RT: 9.516 min Scan# 1297
Delta R.T. 0.000 min
Lab File: VN073604.D
Acq: 27 Jul 2022 13:32

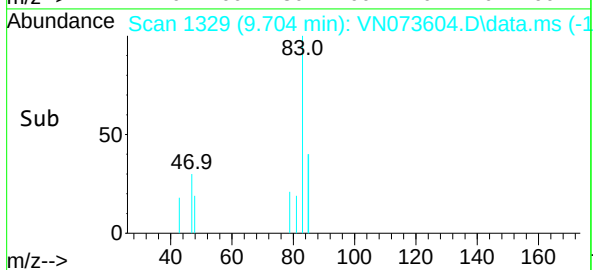
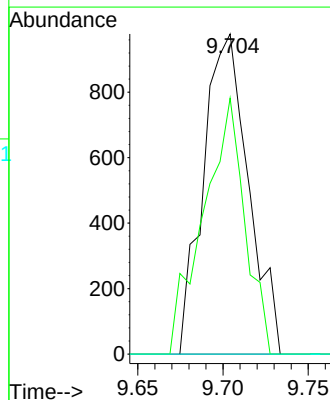
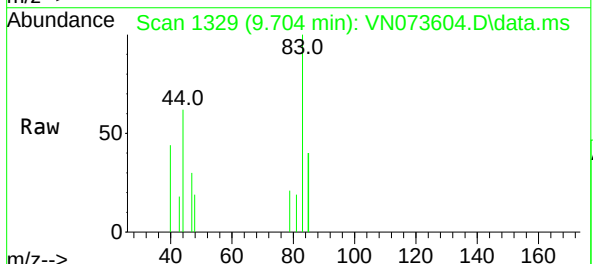
Instrument :
MSVOA_N
ClientSampleId :
IBLK

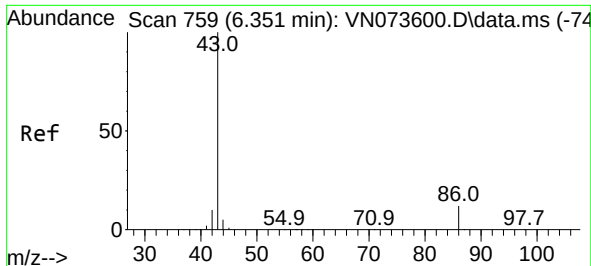
Tgt Ion: 93 Resp: 1765
Ion Ratio Lower Upper
93 100
95 90.3 0.0 168.8
174 96.9 0.0 173.6



#41
Bromodichloromethane
Concen: 0.292 ug/l
RT: 9.704 min Scan# 1329
Delta R.T. 0.006 min
Lab File: VN073604.D
Acq: 27 Jul 2022 13:32

Tgt Ion: 83 Resp: 1804
Ion Ratio Lower Upper
83 100
85 80.0 54.1 81.1
127 0.0 7.6 11.4

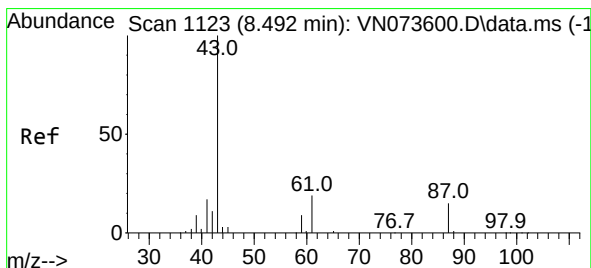
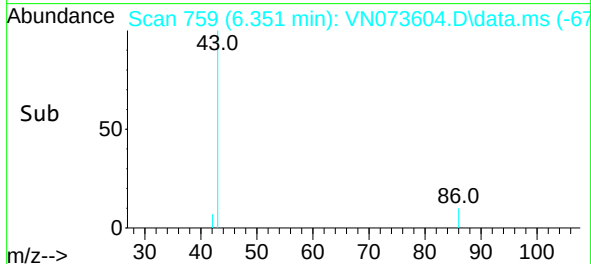
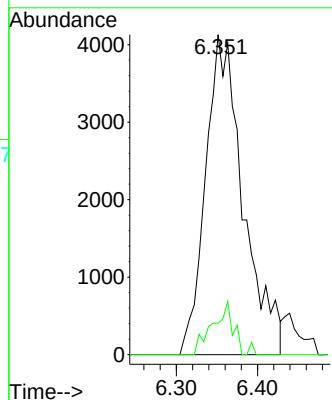
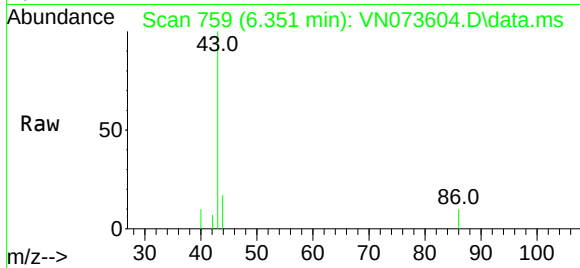




#42
 Vinyl Acetate
 Concen: 1.172 ug/l
 RT: 6.351 min Scan# 759
 Delta R.T. 0.000 min
 Lab File: VN073604.D
 Acq: 27 Jul 2022 13:32

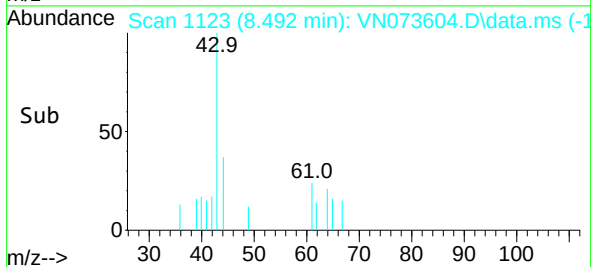
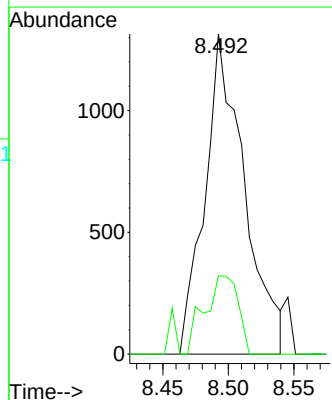
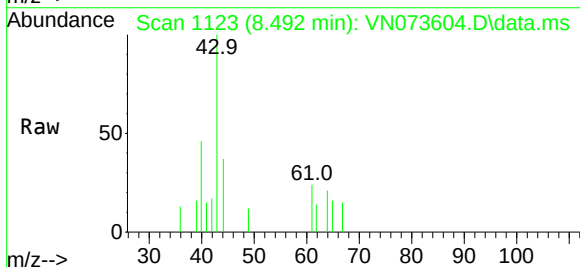
Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

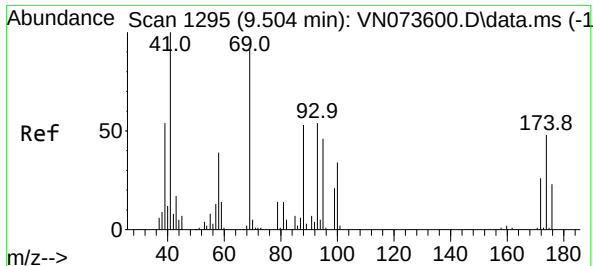
Tgt Ion: 43 Resp: 13291
 Ion Ratio Lower Upper
 43 100
 86 9.0 7.5 11.3



#44
 Isopropyl Acetate
 Concen: 0.265 ug/l
 RT: 8.492 min Scan# 1123
 Delta R.T. 0.000 min
 Lab File: VN073604.D
 Acq: 27 Jul 2022 13:32

Tgt Ion: 43 Resp: 2756
 Ion Ratio Lower Upper
 43 100
 61 16.1 20.1 30.1#





#45

1,4-Dioxane

Concen: 4.173 ug/l

RT: 9.504 min Scan# 1295

Delta R.T. 0.000 min

Lab File: VN073604.D

Acq: 27 Jul 2022 13:32

Instrument :

MSVOA_N

ClientSampleId :

IBLK

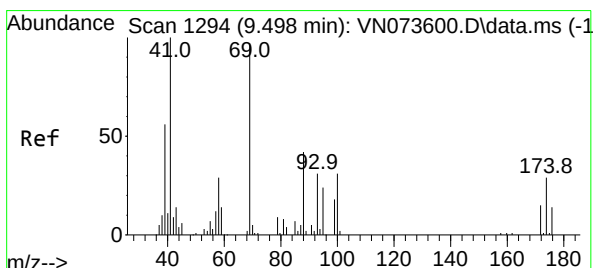
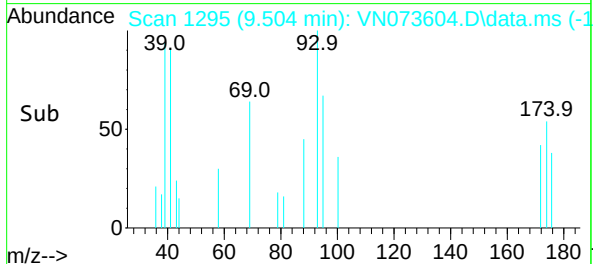
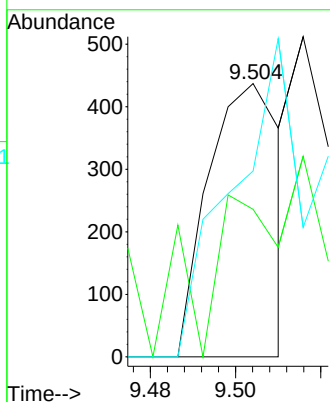
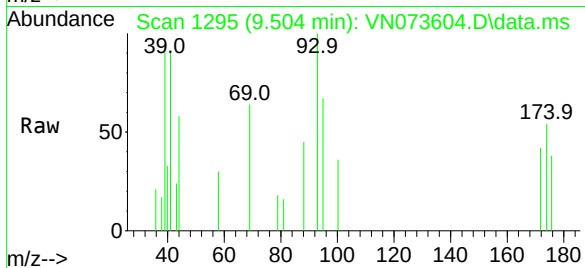
Tgt Ion: 88 Resp: 517

Ion Ratio Lower Upper

88 100

43 45.8 25.0 37.6#

58 0.0 49.4 74.2#



#46

Methyl methacrylate

Concen: 0.454 ug/l

RT: 9.498 min Scan# 1294

Delta R.T. 0.000 min

Lab File: VN073604.D

Acq: 27 Jul 2022 13:32

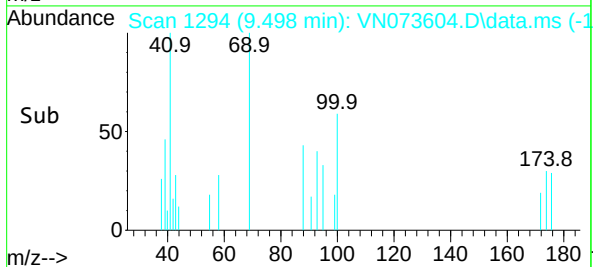
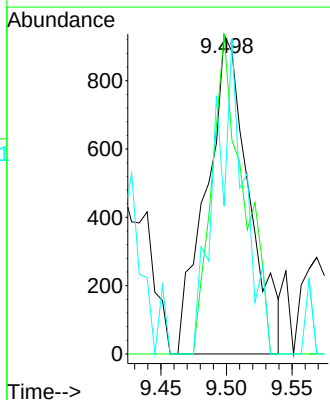
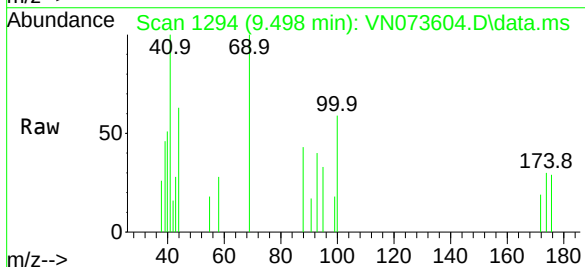
Tgt Ion: 41 Resp: 2110

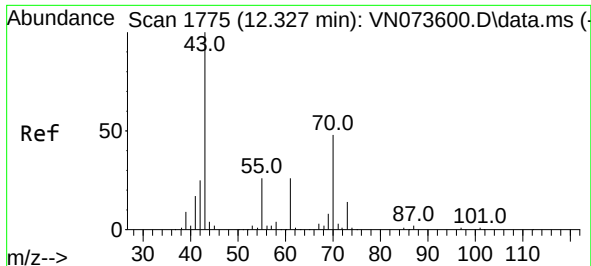
Ion Ratio Lower Upper

41 100

69 100.2 44.4 133.2

39 46.3 39.9 119.6

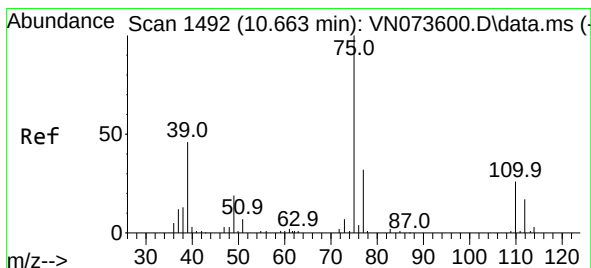
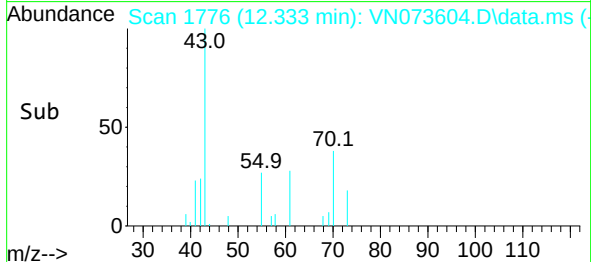
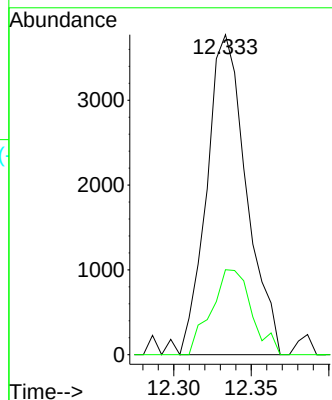
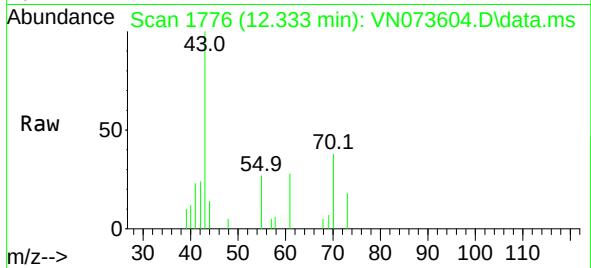




#47
n-amy1 Acetate
Concen: 0.810 ug/l
RT: 12.333 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VN073604.D
Acq: 27 Jul 2022 13:32

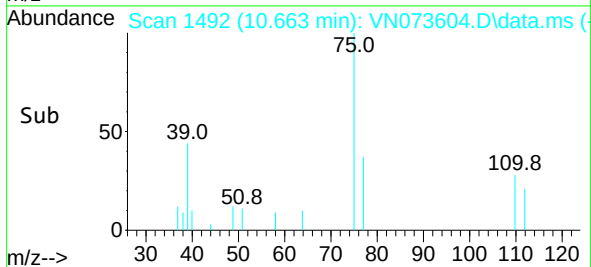
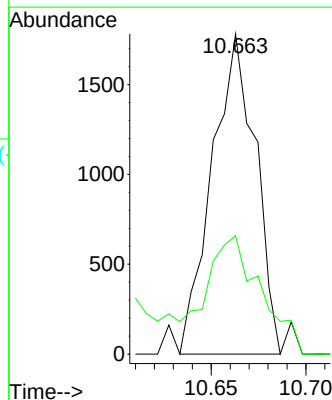
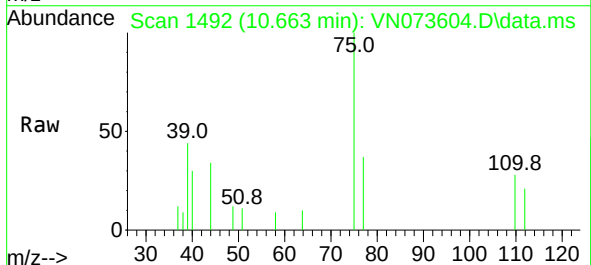
Instrument :
MSVOA_N
ClientSampleId :
IBLK

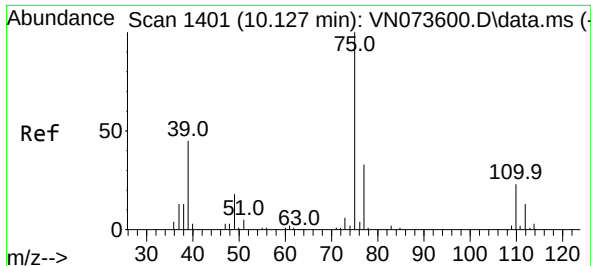
Tgt Ion: 43 Resp: 6711
Ion Ratio Lower Upper
43 100
55 26.9 19.0 28.6



#48
t-1,3-Dichloropropene
Concen: 0.447 ug/l
RT: 10.663 min Scan# 1492
Delta R.T. 0.000 min
Lab File: VN073604.D
Acq: 27 Jul 2022 13:32

Tgt Ion: 75 Resp: 2840
Ion Ratio Lower Upper
75 100
77 26.9 25.3 37.9





#49

cis-1,3-Dichloropropene

Concen: 0.322 ug/l

RT: 10.133 min Scan# 1401

Delta R.T. 0.006 min

Lab File: VN073604.D

Acq: 27 Jul 2022 13:32

Instrument :

MSVOA_N

ClientSampleId :

IBLK

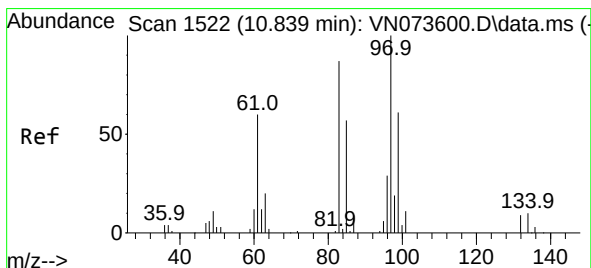
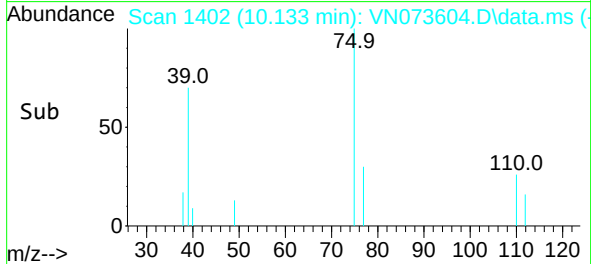
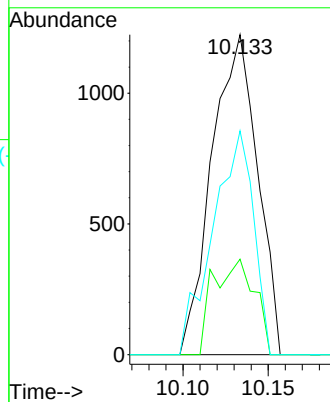
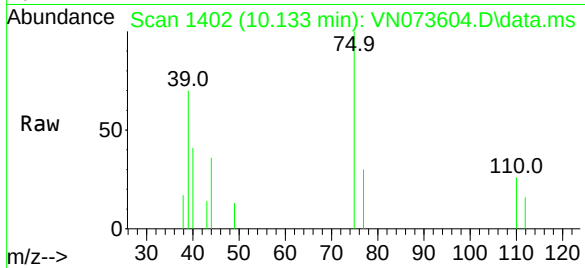
Tgt Ion: 75 Resp: 2275

Ion Ratio Lower Upper

75 100

77 29.8 25.3 37.9

39 69.9 46.2 69.4#



#50

1,1,2-Trichloroethane

Concen: 0.359 ug/l

RT: 10.845 min Scan# 1523

Delta R.T. 0.006 min

Lab File: VN073604.D

Acq: 27 Jul 2022 13:32

Tgt Ion: 97 Resp: 1699

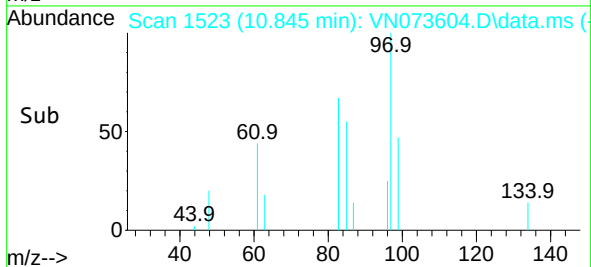
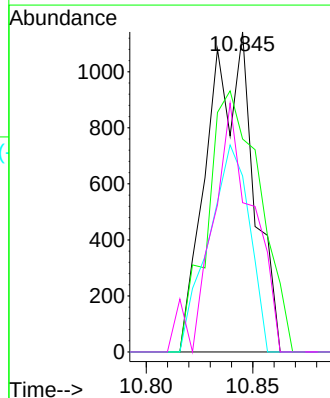
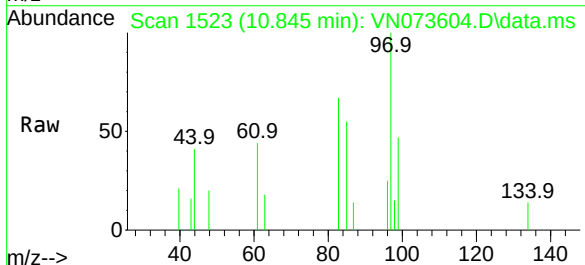
Ion Ratio Lower Upper

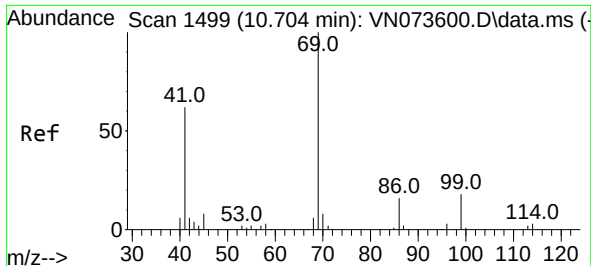
97 100

83 66.5 67.2 100.8#

85 55.0 43.0 64.4

99 46.7 49.0 73.4#

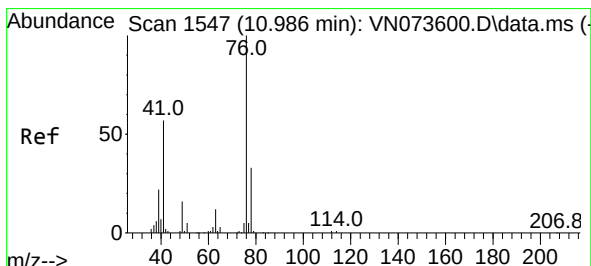
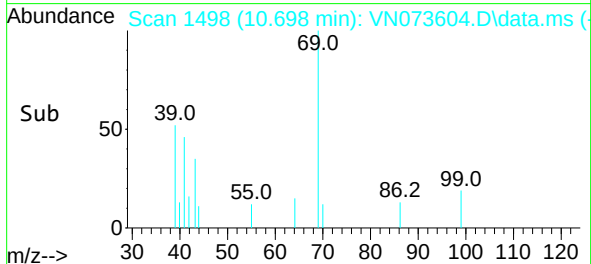
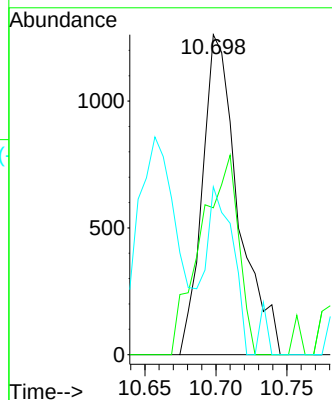
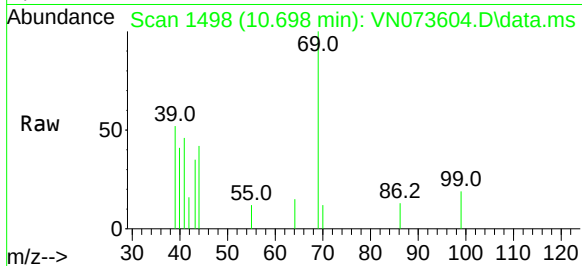




#51
Ethyl methacrylate
Concen: 0.312 ug/l
RT: 10.698 min Scan# 1499
Delta R.T. -0.006 min
Lab File: VN073604.D
Acq: 27 Jul 2022 13:32

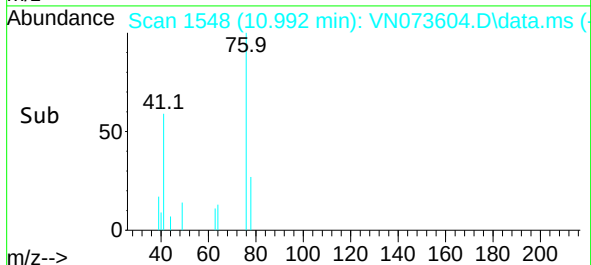
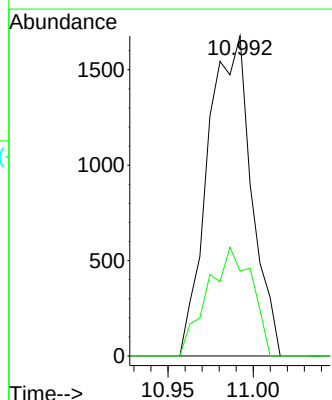
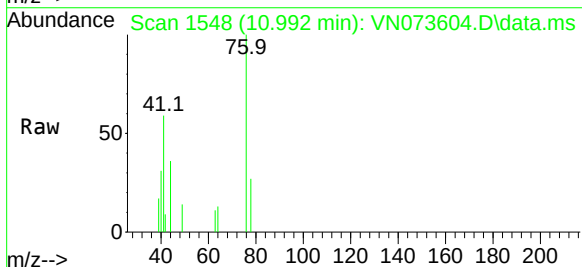
Instrument :
MSVOA_N
ClientSampleId :
IBLK

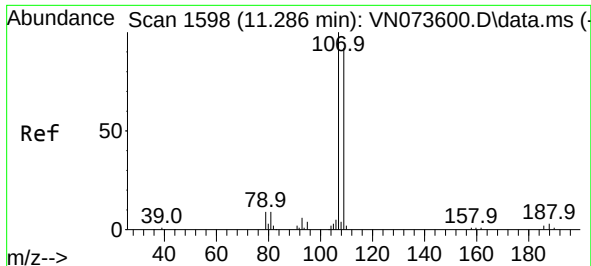
Tgt Ion: 69 Resp: 2223
Ion Ratio Lower Upper
69 100
41 45.9 33.0 98.9
39 52.5 25.4 76.4



#52
1,3-Dichloropropane
Concen: 0.374 ug/l
RT: 10.992 min Scan# 1548
Delta R.T. 0.006 min
Lab File: VN073604.D
Acq: 27 Jul 2022 13:32

Tgt Ion: 76 Resp: 2982
Ion Ratio Lower Upper
76 100
78 34.3 0.0 65.4

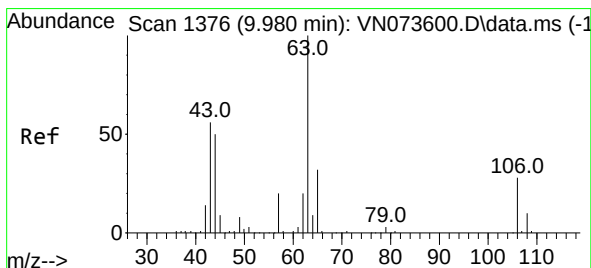
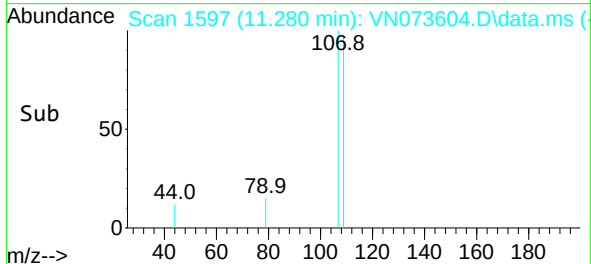
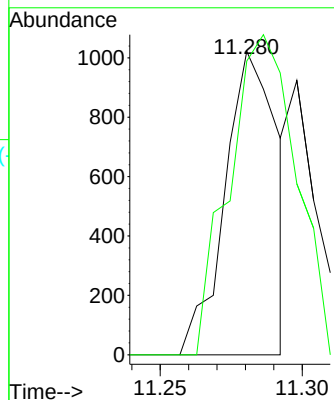
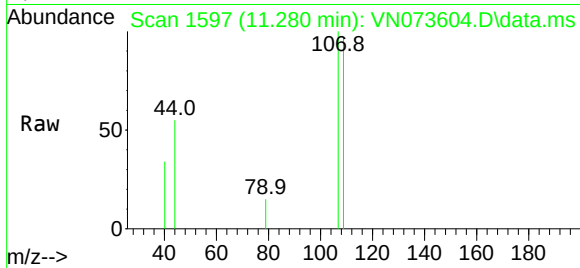




#54
1,2-Dibromoethane
Concen: 0.273 ug/l
RT: 11.280 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN073604.D
Acq: 27 Jul 2022 13:32

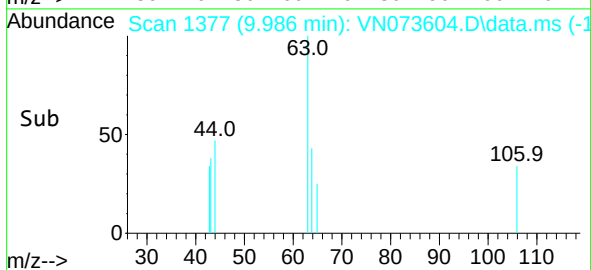
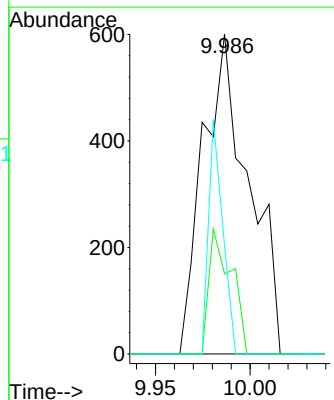
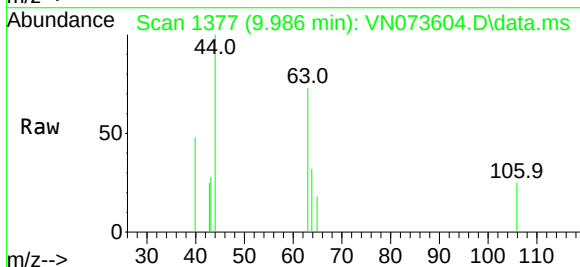
Instrument :
MSVOA_N
ClientSampleId :
IBLK

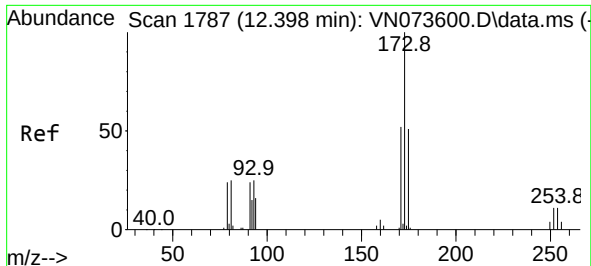
Tgt Ion:107 Resp: 1315
Ion Ratio Lower Upper
107 100
109 134.6 72.8 109.2#



#55
2-Chloroethyl vinyl ether
Concen: 0.315 ug/l
RT: 9.986 min Scan# 1377
Delta R.T. 0.006 min
Lab File: VN073604.D
Acq: 27 Jul 2022 13:32

Tgt Ion: 63 Resp: 1006
Ion Ratio Lower Upper
63 100
65 19.2 25.4 38.0#
106 22.6 23.2 34.8#

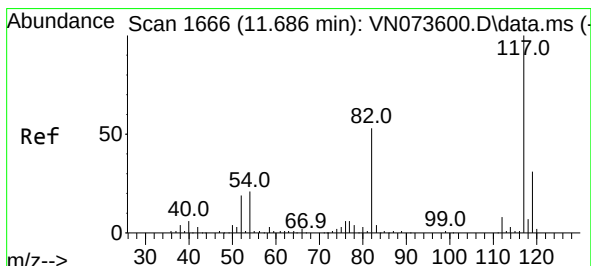
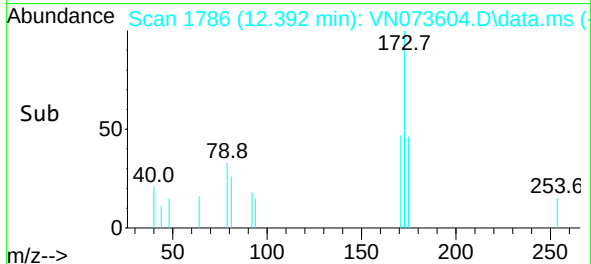
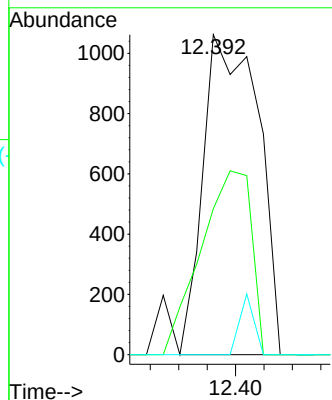
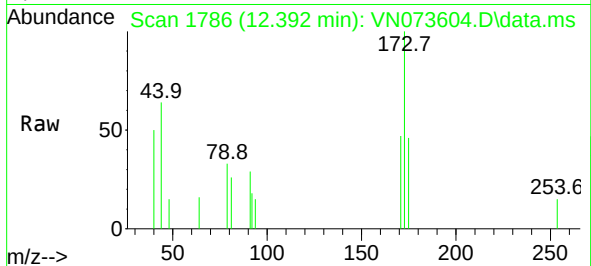




#56
Bromoform
Concen: 0.380 ug/l
RT: 12.392 min Scan# 1786
Delta R.T. -0.006 min
Lab File: VN073604.D
Acq: 27 Jul 2022 13:32

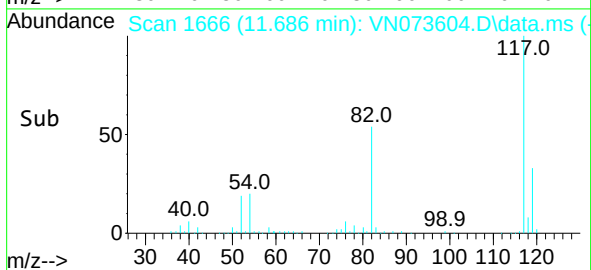
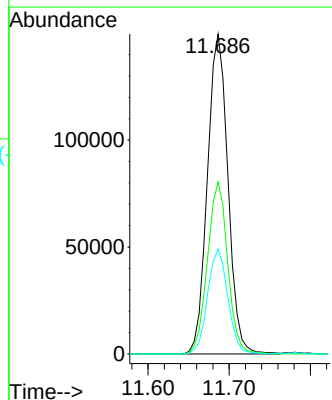
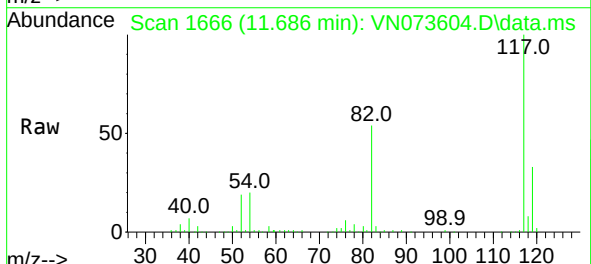
Instrument :
MSVOA_N
ClientSampleId :
IBLK

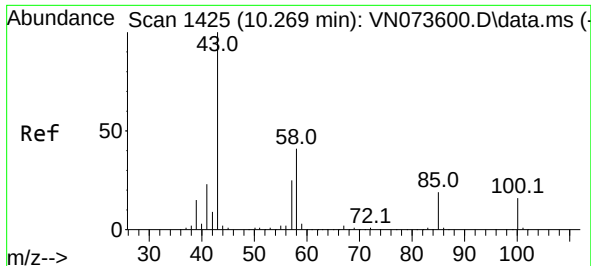
Tgt Ion:173 Resp: 1431
Ion Ratio Lower Upper
173 100
175 52.9 38.6 58.0
254 0.0 0.0 0.0



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN073604.D
Acq: 27 Jul 2022 13:32

Tgt Ion:117 Resp: 262921
Ion Ratio Lower Upper
117 100
82 53.0 43.6 65.4
119 32.4 25.8 38.6

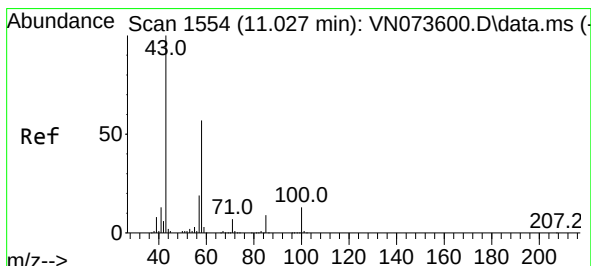
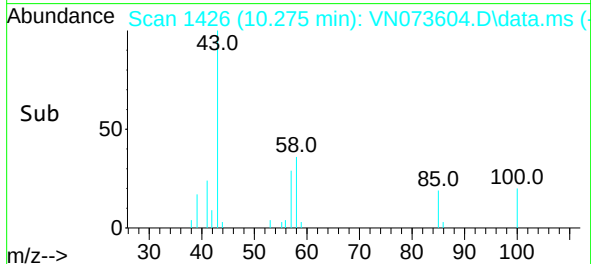
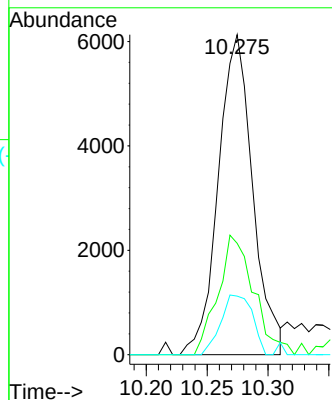
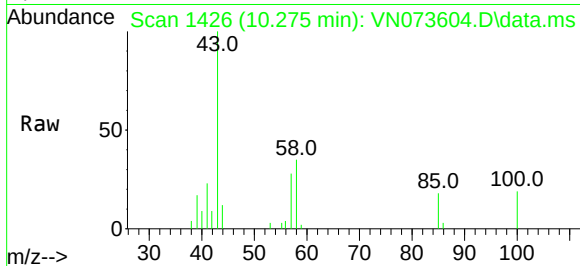




#58
4-Methyl-2-Pentanone
Concen: 1.774 ug/l
RT: 10.275 min Scan# 1426
Delta R.T. 0.006 min
Lab File: VN073604.D
Acq: 27 Jul 2022 13:32

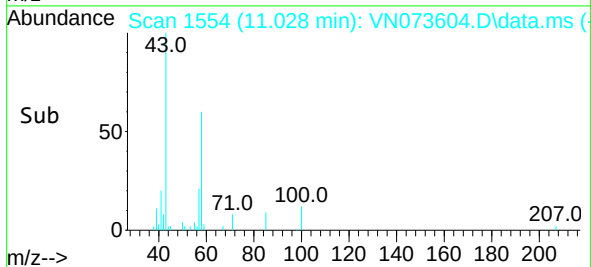
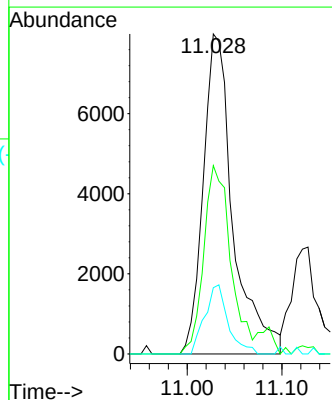
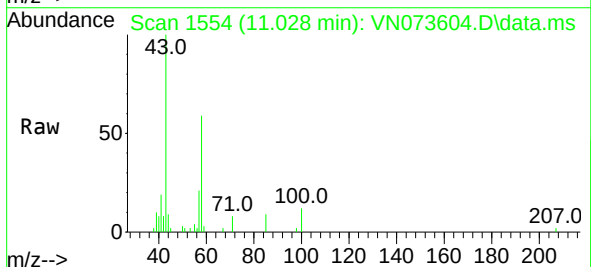
Instrument :
MSVOA_N
ClientSampleId :
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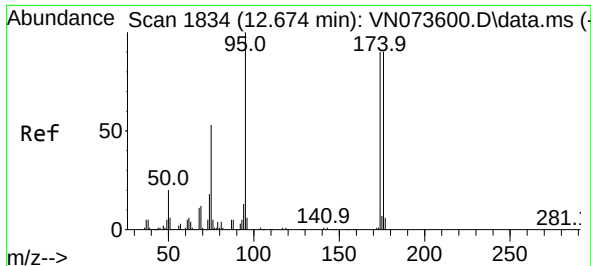
Tgt Ion: 43 Resp: 12060
Ion Ratio Lower Upper
43 100
58 38.7 30.0 45.0
85 17.1 15.0 22.6



#59
2-Hexanone
Concen: 3.333 ug/l
RT: 11.028 min Scan# 1554
Delta R.T. 0.000 min
Lab File: VN073604.D
Acq: 27 Jul 2022 13:32

Tgt Ion: 43 Resp: 17451
Ion Ratio Lower Upper
43 100
58 53.0 42.2 63.2
57 16.9 15.0 22.4

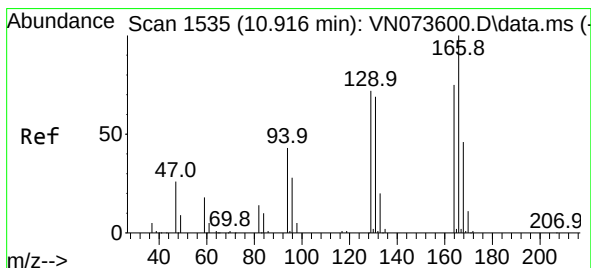
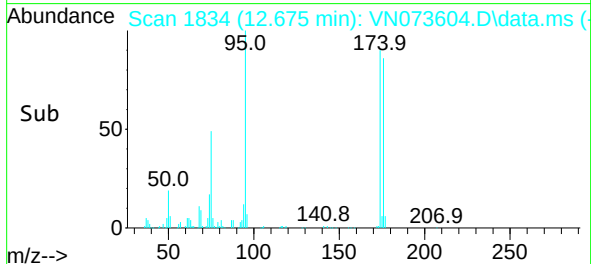
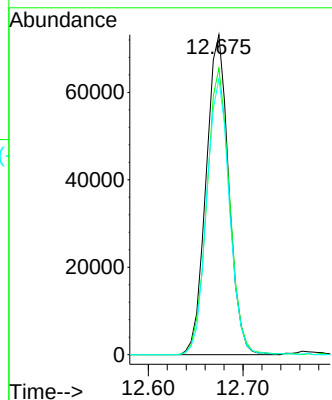
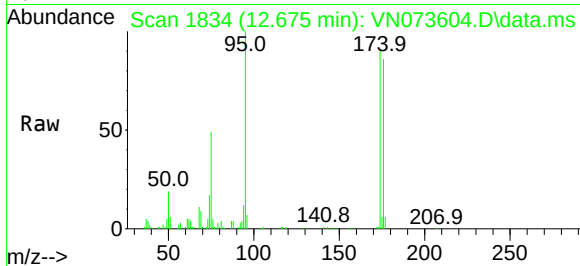




#60
4-Bromofluorobenzene
Concen: 26.109 ug/l
RT: 12.675 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN073604.D
Acq: 27 Jul 2022 13:32

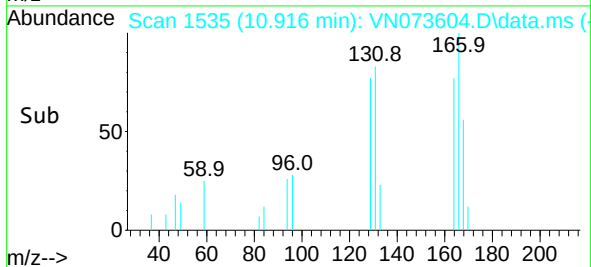
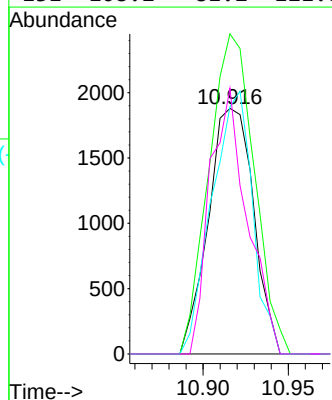
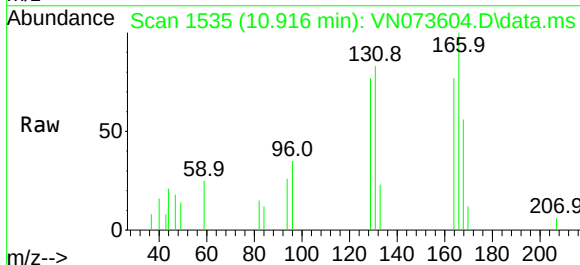
Instrument :
MSVOA_N
ClientSampleId :
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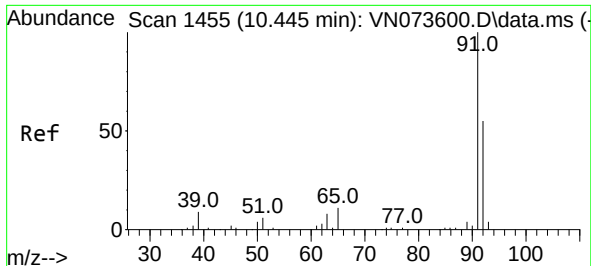
Tgt Ion: 95 Resp: 121549
Ion Ratio Lower Upper
95 100
174 90.4 62.9 94.3
176 86.6 61.0 91.4



#61
Tetrachloroethene
Concen: 0.860 ug/l
RT: 10.916 min Scan# 1535
Delta R.T. 0.000 min
Lab File: VN073604.D
Acq: 27 Jul 2022 13:32

Tgt Ion: 164 Resp: 3464
Ion Ratio Lower Upper
164 100
166 130.3 105.8 158.8
129 100.7 82.5 123.7
131 108.2 81.2 121.8

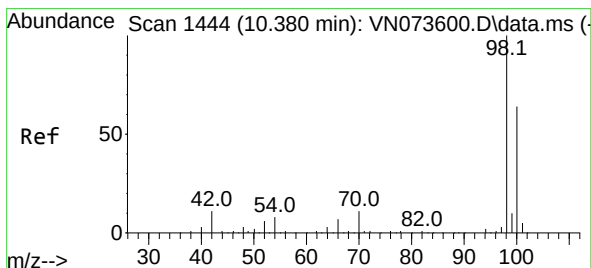
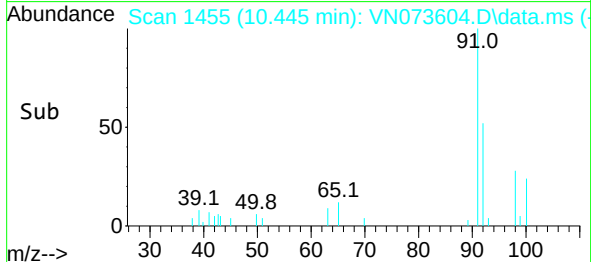
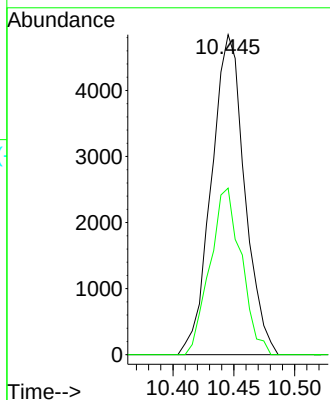
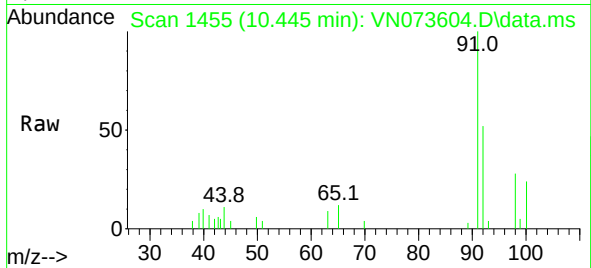




#62
Toluene
Concen: 0.504 ug/l
RT: 10.445 min Scan# 1455
Delta R.T. 0.000 min
Lab File: VN073604.D
Acq: 27 Jul 2022 13:32

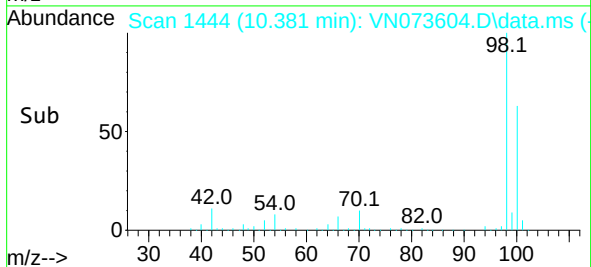
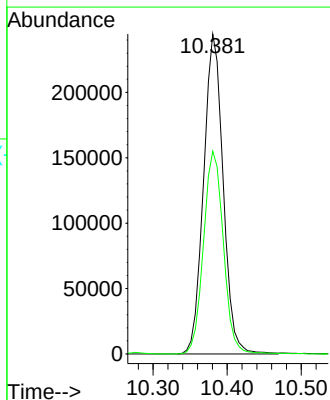
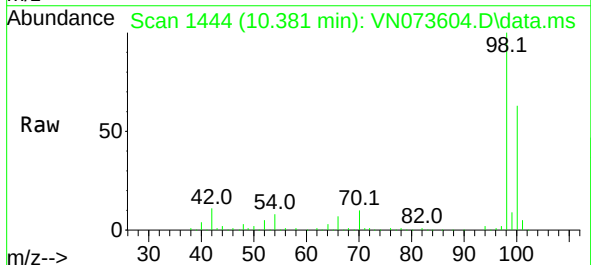
Instrument :
MSVOA_N
ClientSampleId :
IBLK

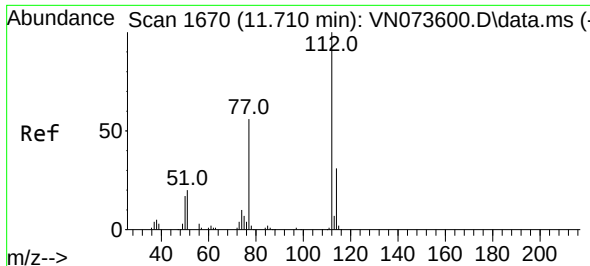
Tgt Ion: 91 Resp: 9206
Ion Ratio Lower Upper
91 100
92 49.3 44.6 67.0



#63
Toluene-d8
Concen: 30.285 ug/l
RT: 10.381 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN073604.D
Acq: 27 Jul 2022 13:32

Tgt Ion: 98 Resp: 448351
Ion Ratio Lower Upper
98 100
100 64.1 50.6 76.0

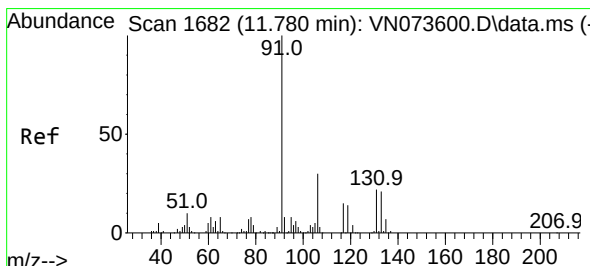
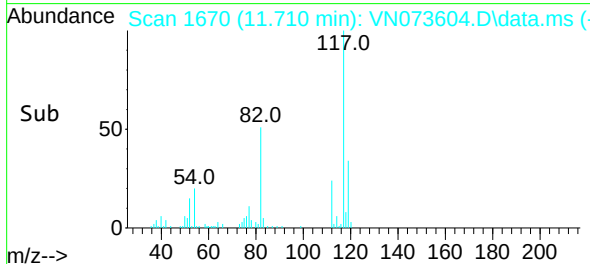
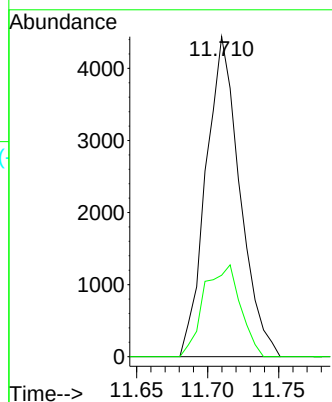
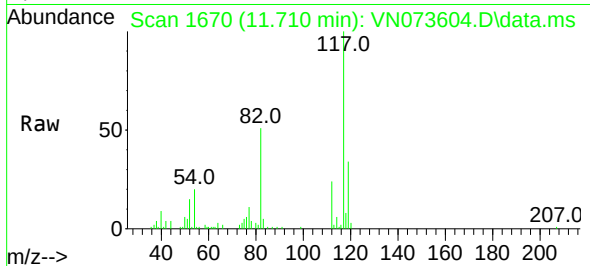




#64
Chlorobenzene
Concen: 0.675 ug/l
RT: 11.710 min Scan# 1670
Delta R.T. 0.000 min
Lab File: VN073604.D
Acq: 27 Jul 2022 13:32

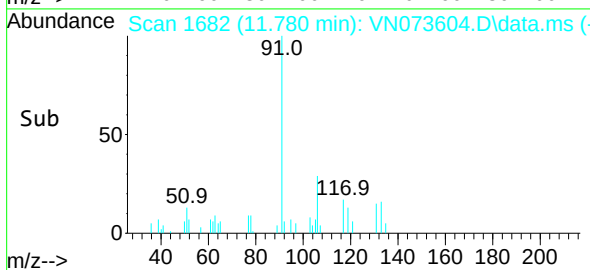
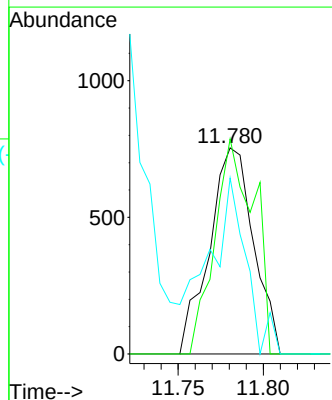
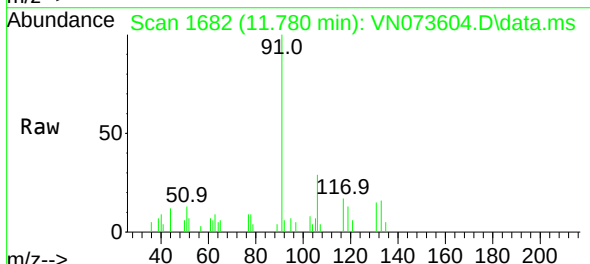
Instrument :
MSVOA_N
ClientSampleId :
IBLK

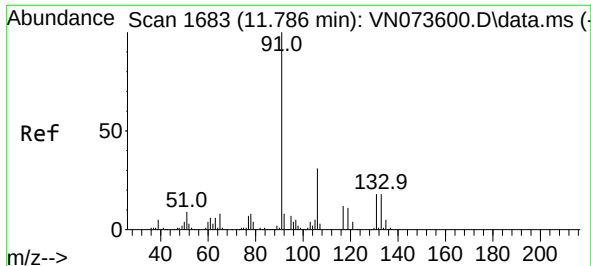
Tgt Ion:112 Resp: 7379
Ion Ratio Lower Upper
112 100
114 25.5 25.8 38.6#



#65
1,1,1,2-Tetrachloroethane
Concen: 0.337 ug/l
RT: 11.780 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VN073604.D
Acq: 27 Jul 2022 13:32

Tgt Ion:131 Resp: 1366
Ion Ratio Lower Upper
131 100
133 76.4 0.0 191.2
119 35.8 0.0 128.8

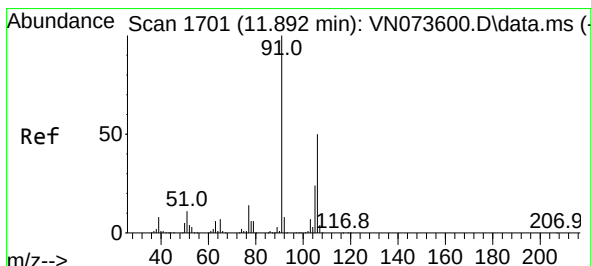
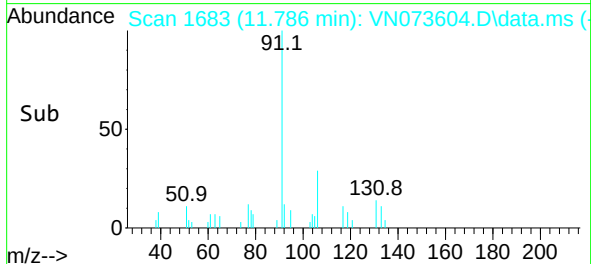
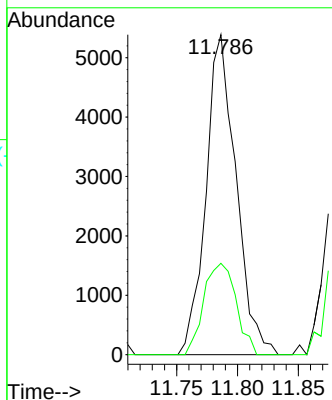
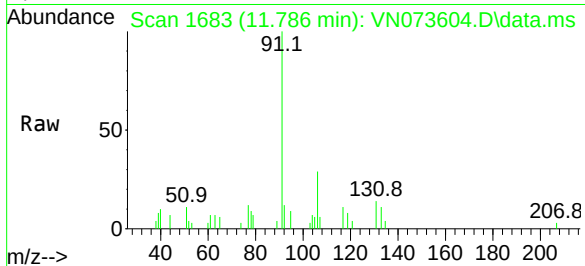




#66
Ethyl Benzene
Concen: 0.474 ug/l
RT: 11.786 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VN073604.D
Acq: 27 Jul 2022 13:32

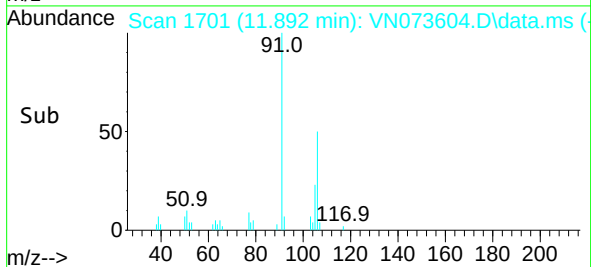
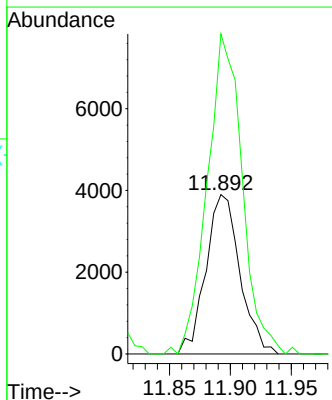
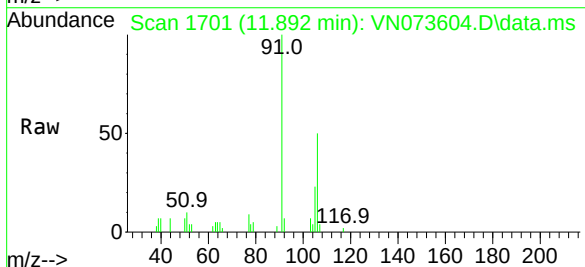
Instrument :
MSVOA_N
ClientSampleId :
IBLK

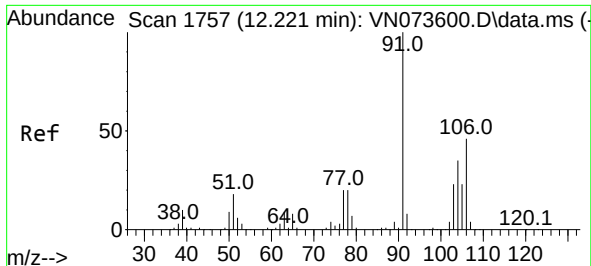
Tgt Ion: 91 Resp: 9266
Ion Ratio Lower Upper
91 100
106 28.6 24.0 36.0



#67
m/p-Xylenes
Concen: 1.017 ug/l
RT: 11.892 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN073604.D
Acq: 27 Jul 2022 13:32

Tgt Ion: 106 Resp: 7598
Ion Ratio Lower Upper
106 100
91 205.0 162.9 244.3

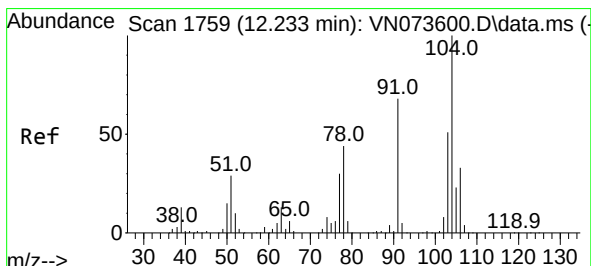
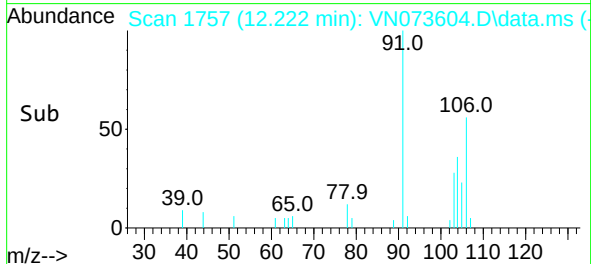
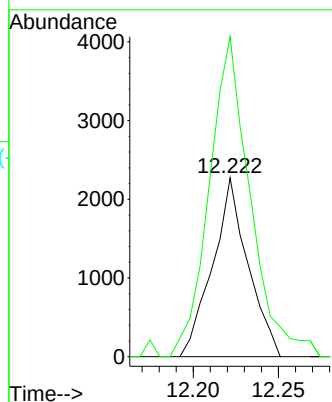
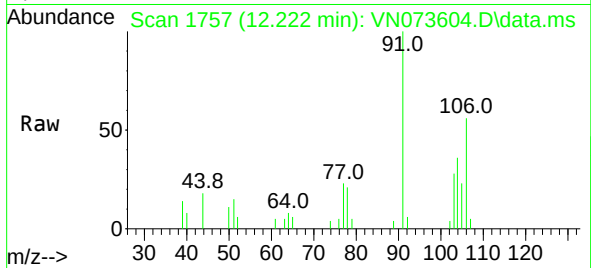




#68
o-Xylene
Concen: 0.443 ug/l
RT: 12.222 min Scan# 1757
Delta R.T. 0.000 min
Lab File: VN073604.D
Acq: 27 Jul 2022 13:32

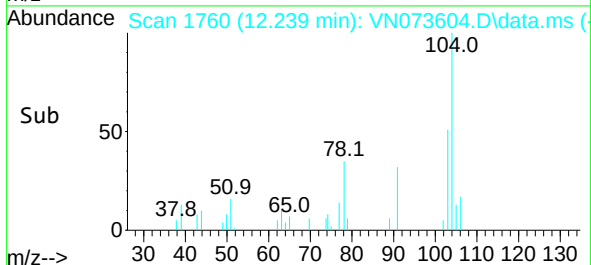
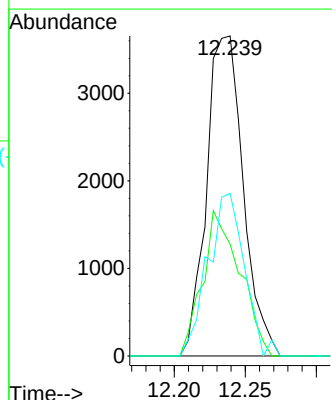
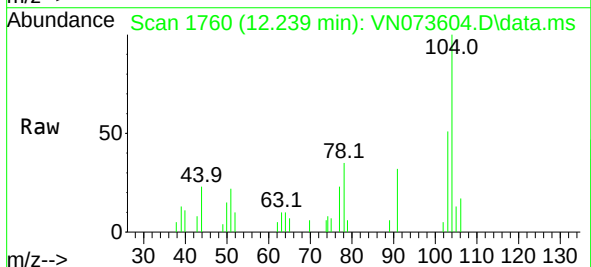
Instrument :
MSVOA_N
ClientSampleId :
IBLK

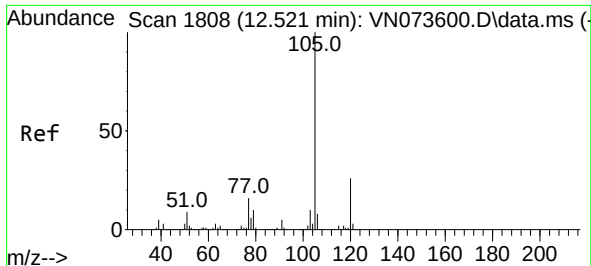
Tgt Ion:106 Resp: 3284
Ion Ratio Lower Upper
106 100
91 205.1 107.7 323.1



#69
Styrene
Concen: 0.537 ug/l
RT: 12.239 min Scan# 1760
Delta R.T. 0.006 min
Lab File: VN073604.D
Acq: 27 Jul 2022 13:32

Tgt Ion:104 Resp: 6571
Ion Ratio Lower Upper
104 100
78 46.2 40.7 61.1
103 49.5 45.8 68.8

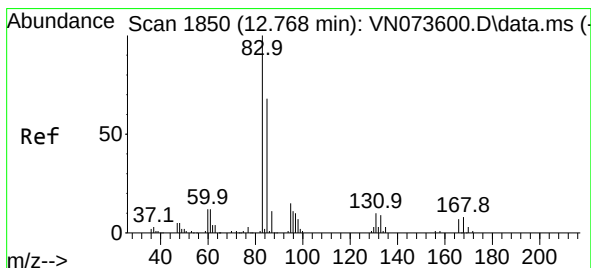
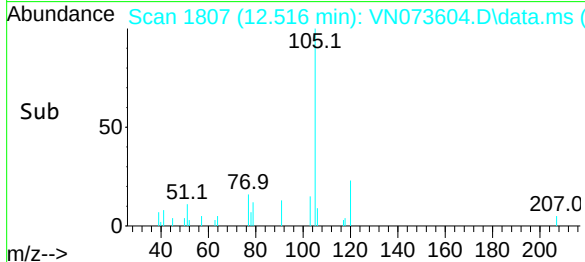
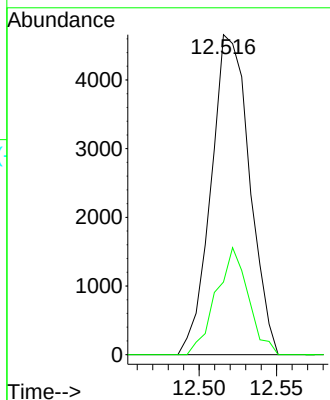
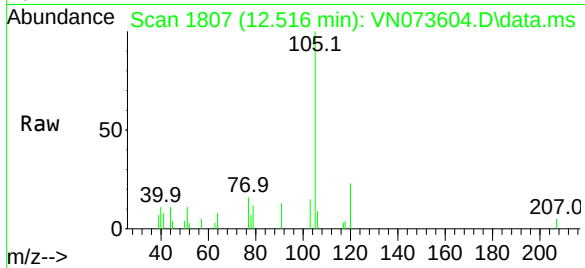




#70
Isopropylbenzene
Concen: 0.424 ug/l
RT: 12.516 min Scan# 1807
Delta R.T. -0.006 min
Lab File: VN073604.D
Acq: 27 Jul 2022 13:32

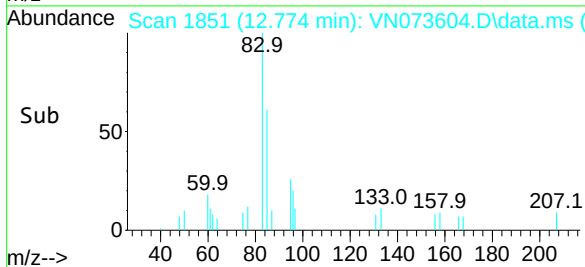
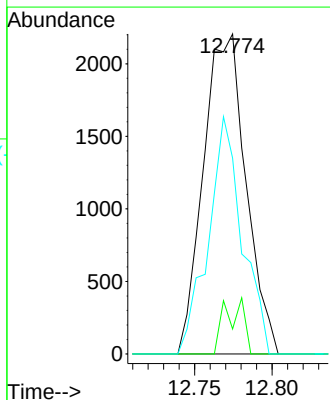
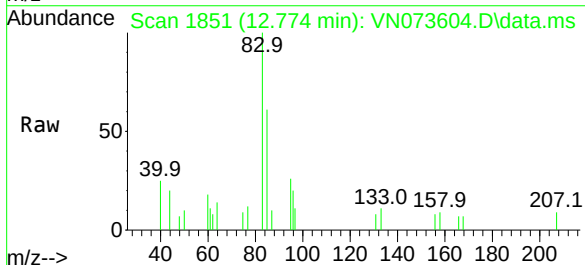
Instrument :
MSVOA_N
ClientSampleId :
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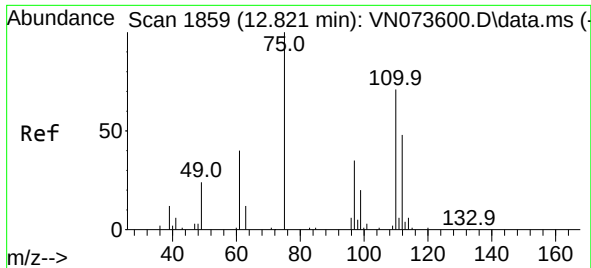
Tgt Ion:105 Resp: 8036
Ion Ratio Lower Upper
105 100
120 28.0 18.3 34.1



#71
1,1,2,2-Tetrachloroethane
Concen: 0.630 ug/l
RT: 12.774 min Scan# 1851
Delta R.T. 0.006 min
Lab File: VN073604.D
Acq: 27 Jul 2022 13:32

Tgt Ion: 83 Resp: 4201
Ion Ratio Lower Upper
83 100
131 7.8 5.1 15.3
85 59.1 33.1 99.2

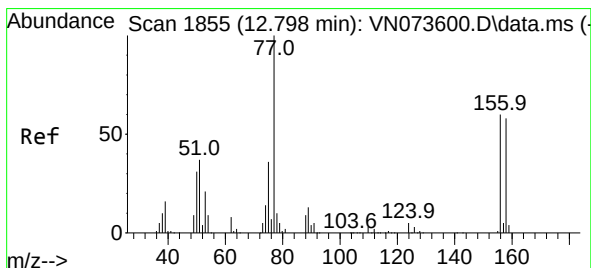
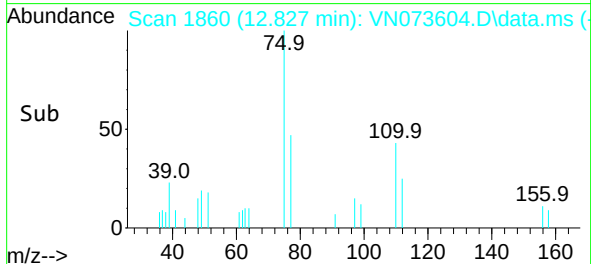
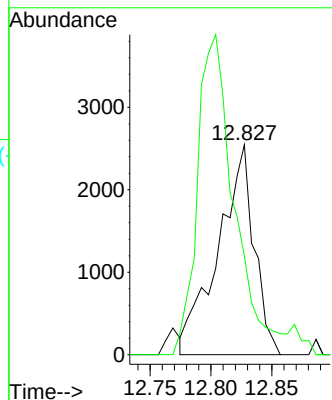
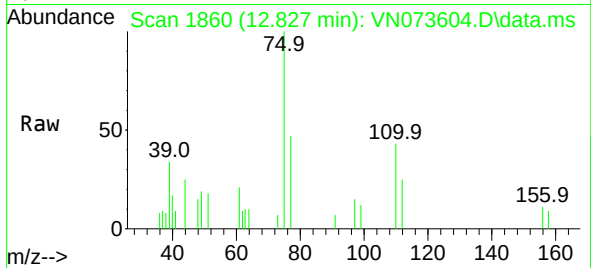




#72
1,2,3-Trichloropropane
Concen: 0.936 ug/l
RT: 12.827 min Scan# 1859
Delta R.T. 0.006 min
Lab File: VN073604.D
Acq: 27 Jul 2022 13:32

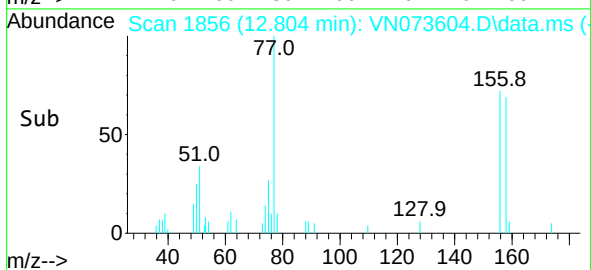
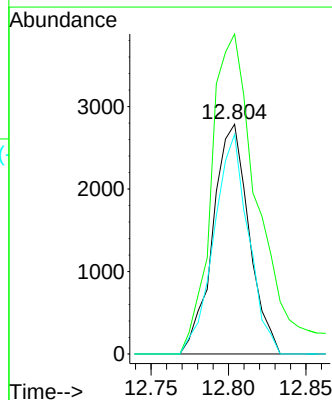
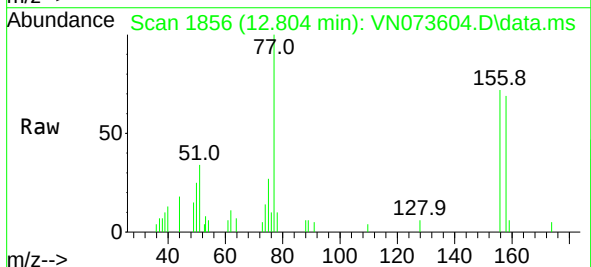
Instrument :
MSVOA_N
ClientSampleId :
IBLK

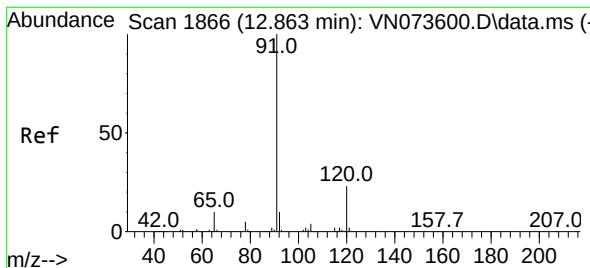
Tgt Ion: 75 Resp: 5217
Ion Ratio Lower Upper
75 100
77 156.2 0.0 378.0



#73
Bromobenzene
Concen: 0.957 ug/l
RT: 12.804 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN073604.D
Acq: 27 Jul 2022 13:32

Tgt Ion: 156 Resp: 4512
Ion Ratio Lower Upper
156 100
77 180.6 0.0 416.0
158 91.8 0.0 195.4





#74

n-propylbenzene

Concen: 0.608 ug/l

RT: 12.863 min Scan# 1866

Delta R.T. 0.000 min

Lab File: VN073604.D

Acq: 27 Jul 2022 13:32

Instrument :

MSVOA_N

ClientSampleId :

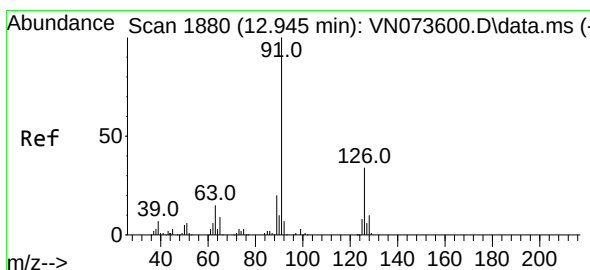
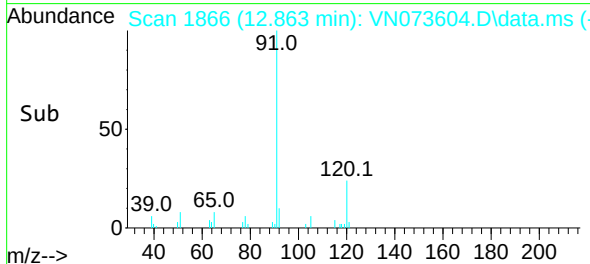
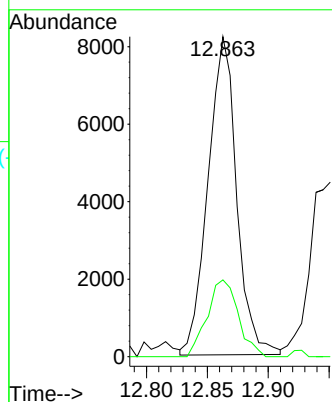
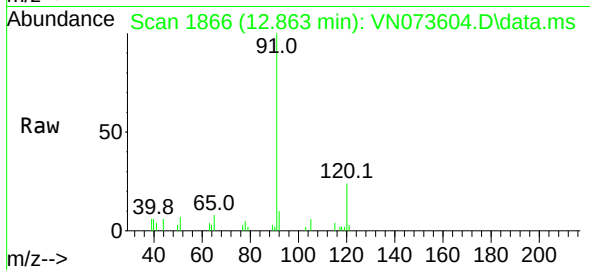
IBLK

Tgt Ion: 91 Resp: 13420

Ion Ratio Lower Upper

91 100

120 26.2 0.0 45.0



#75

2-Chlorotoluene

Concen: 0.679 ug/l

RT: 12.951 min Scan# 1881

Delta R.T. 0.006 min

Lab File: VN073604.D

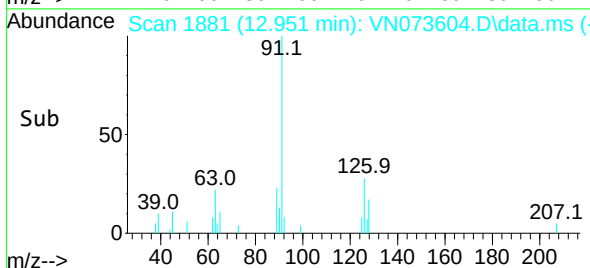
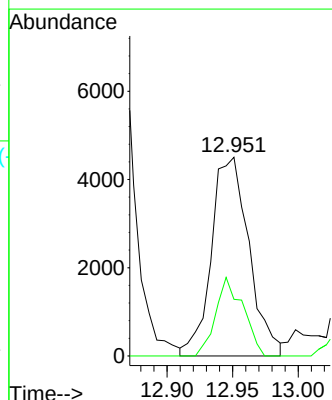
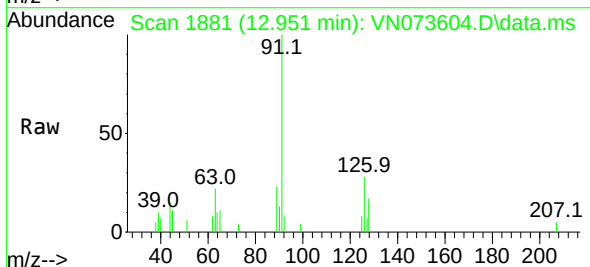
Acq: 27 Jul 2022 13:32

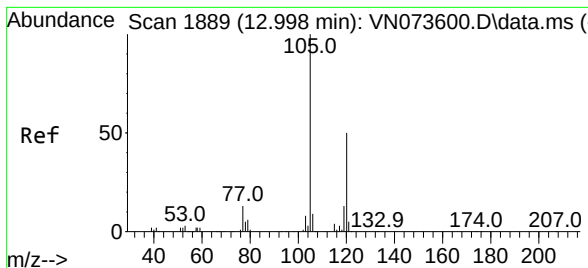
Tgt Ion: 91 Resp: 8985

Ion Ratio Lower Upper

91 100

126 28.8 0.0 69.8





#76

1,3,5-Trimethylbenzene

Concen: 0.464 ug/l

RT: 12.998 min Scan# 1889

Delta R.T. 0.000 min

Lab File: VN073604.D

Acq: 27 Jul 2022 13:32

Instrument :

MSVOA_N

ClientSampleId :

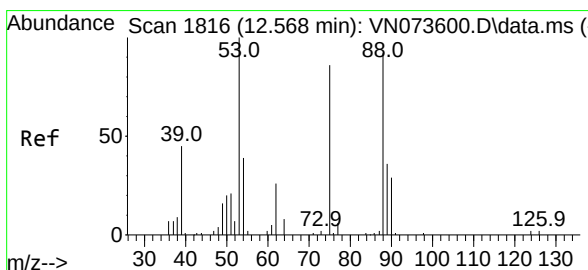
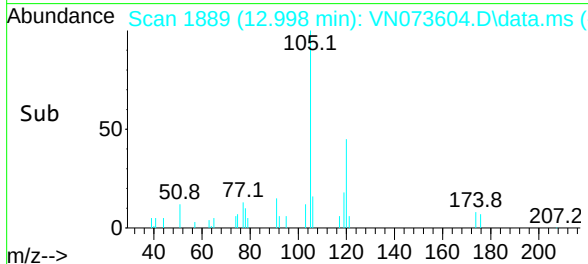
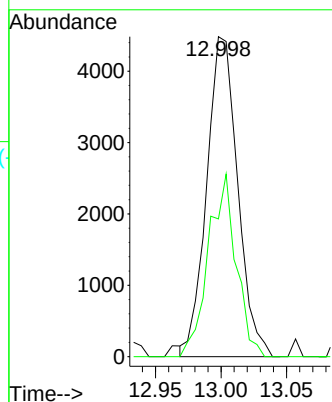
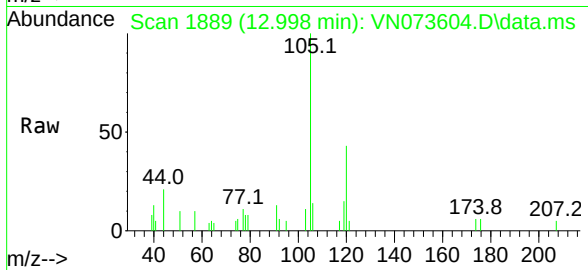
IBLK

Tgt Ion:105 Resp: 7381

Ion Ratio Lower Upper

105 100

120 51.0 0.0 93.8



#77

t-1,4-Dichloro-2-butene

Concen: 0.209 ug/l

RT: 12.569 min Scan# 1816

Delta R.T. 0.000 min

Lab File: VN073604.D

Acq: 27 Jul 2022 13:32

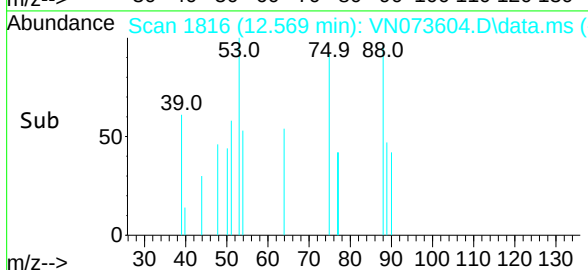
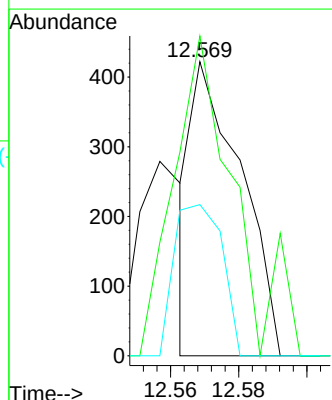
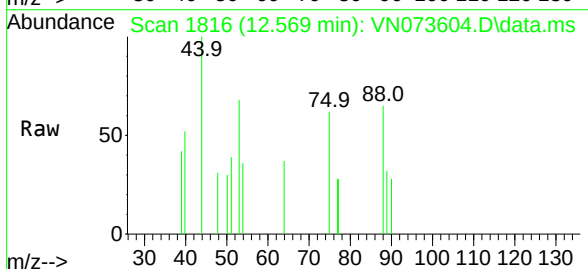
Tgt Ion: 75 Resp: 425

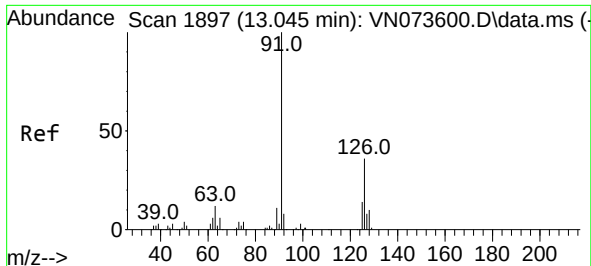
Ion Ratio Lower Upper

75 100

53 67.1 51.8 155.5

89 51.4 22.9 68.7

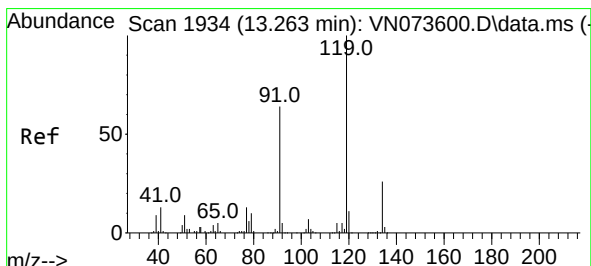
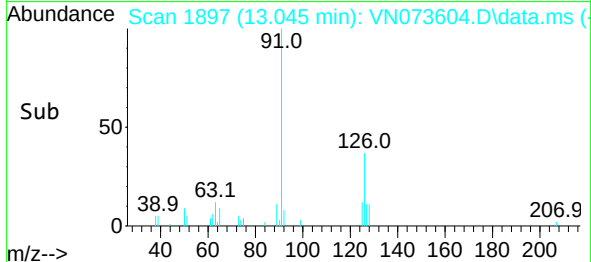
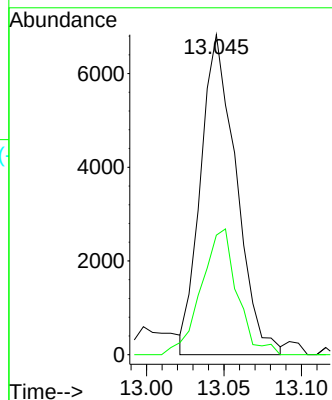
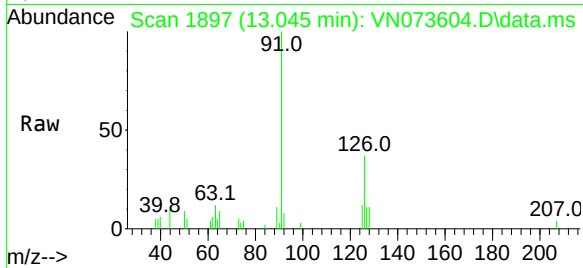




#78
4-Chlorotoluene
Concen: 0.856 ug/l
RT: 13.045 min Scan# 1897
Delta R.T. 0.000 min
Lab File: VN073604.D
Acq: 27 Jul 2022 13:32

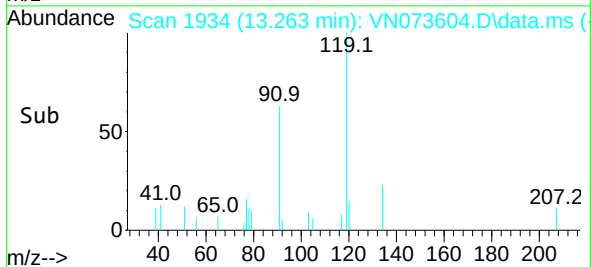
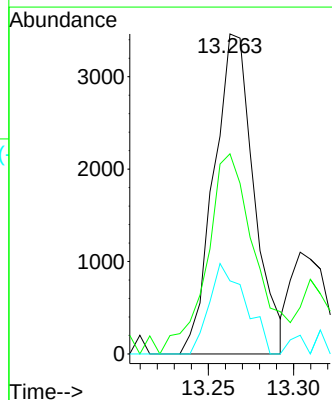
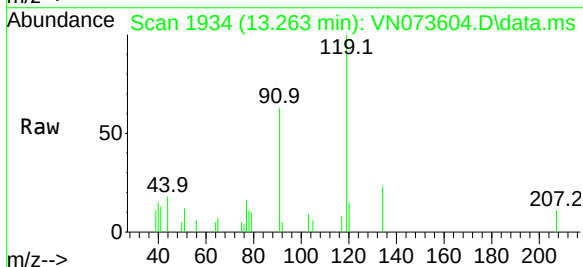
Instrument :
MSVOA_N
ClientSampleId :
IBLK

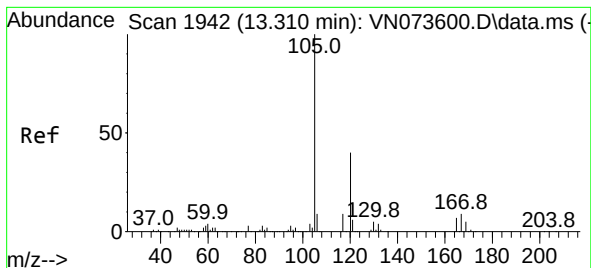
Tgt Ion: 91 Resp: 10881
Ion Ratio Lower Upper
91 100
126 39.0 0.0 70.6



#79
tert-butylbenzene
Concen: 0.413 ug/l
RT: 13.263 min Scan# 1934
Delta R.T. 0.000 min
Lab File: VN073604.D
Acq: 27 Jul 2022 13:32

Tgt Ion: 119 Resp: 5679
Ion Ratio Lower Upper
119 100
91 75.1 0.0 137.0
134 25.5 0.0 47.6





#80

1,2,4-Trimethylbenzene

Concen: 0.489 ug/l

RT: 13.310 min Scan# 1942

Delta R.T. 0.000 min

Lab File: VN073604.D

Acq: 27 Jul 2022 13:32

Instrument :

MSVOA_N

ClientSampleId :

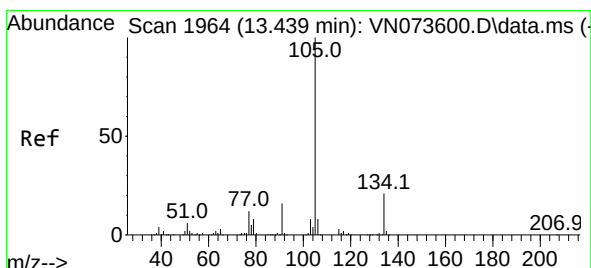
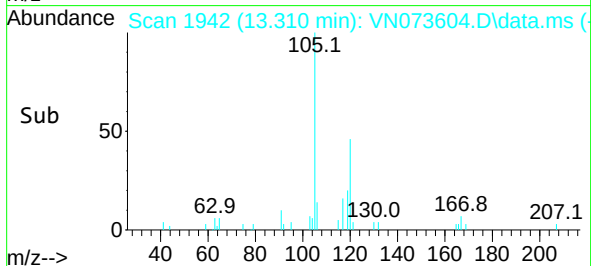
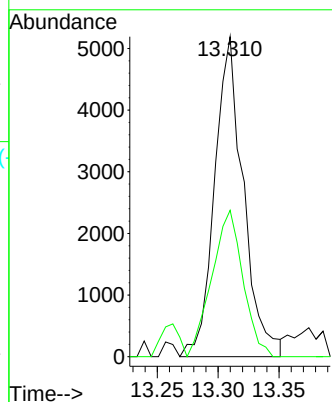
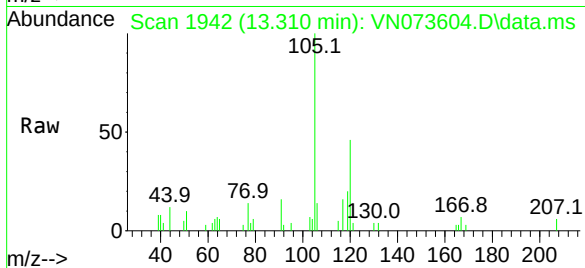
IBLK

Tgt Ion:105 Resp: 8539

Ion Ratio Lower Upper

105 100

120 49.4 0.0 0.2#



#81

sec-Butylbenzene

Concen: 0.508 ug/l

RT: 13.439 min Scan# 1964

Delta R.T. 0.000 min

Lab File: VN073604.D

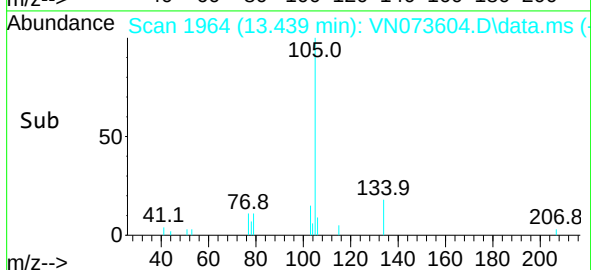
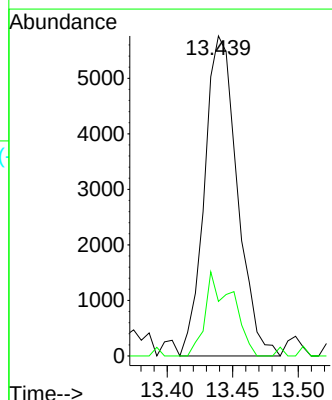
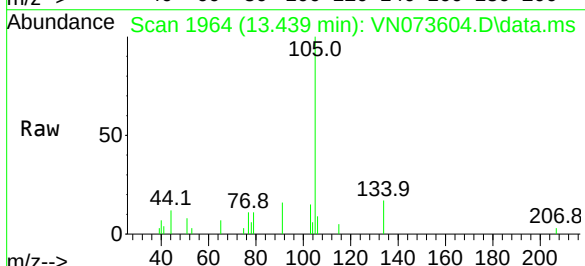
Acq: 27 Jul 2022 13:32

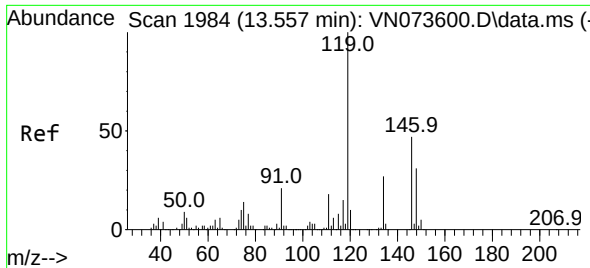
Tgt Ion:105 Resp: 10015

Ion Ratio Lower Upper

105 100

134 11.2 0.0 39.4

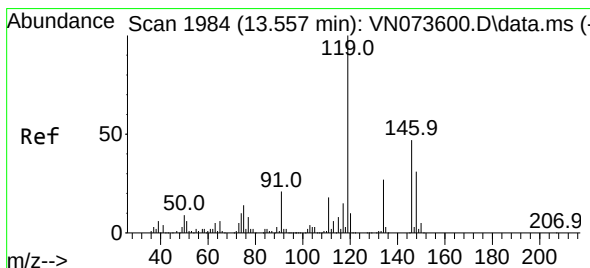
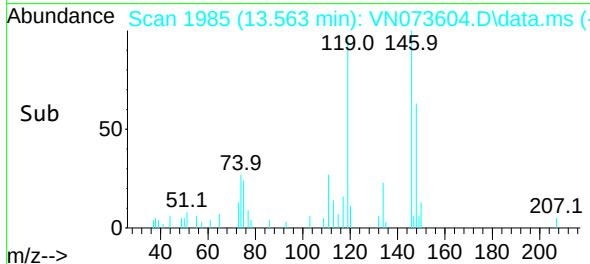
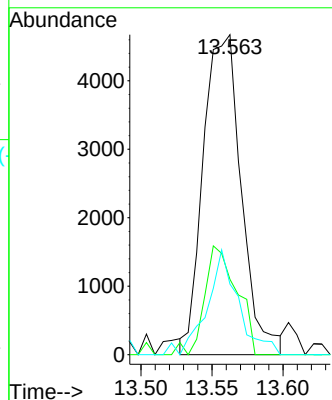
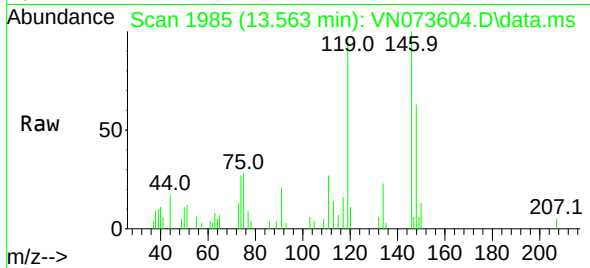




#82
p-Isopropyltoluene
Concen: 0.538 ug/l
RT: 13.563 min Scan# 1985
Delta R.T. 0.006 min
Lab File: VN073604.D
Acq: 27 Jul 2022 13:32

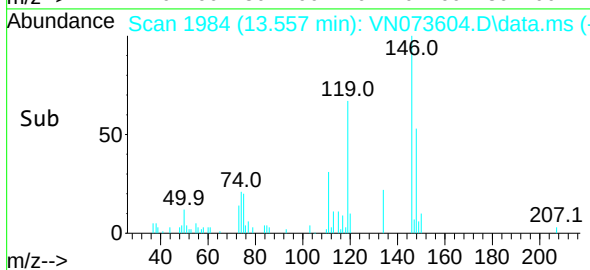
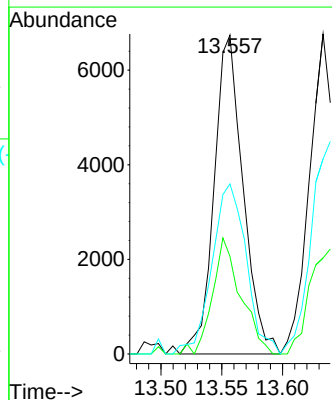
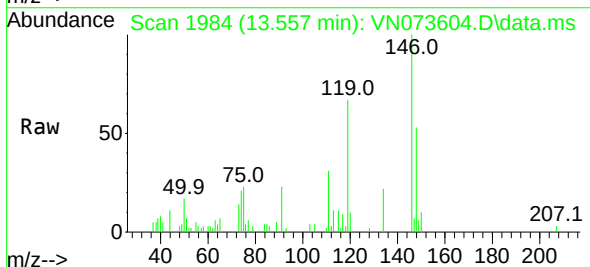
Instrument :
MSVOA_N
ClientSampleId :
IBLK

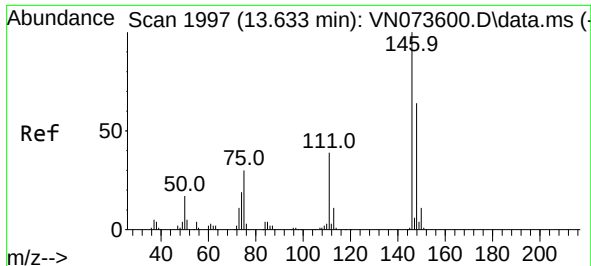
Tgt Ion:	119	Resp:	8711
Ion Ratio	Lower	Upper	
119	100		
134	28.2	0.0	51.8
91	26.3	0.0	50.4



#83
1,3-Dichlorobenzene
Concen: 1.294 ug/l
RT: 13.557 min Scan# 1984
Delta R.T. 0.000 min
Lab File: VN073604.D
Acq: 27 Jul 2022 13:32

Tgt Ion:	146	Resp:	11167
Ion Ratio	Lower	Upper	
146	100		
111	35.0	20.8	62.2
148	55.5	31.4	94.3

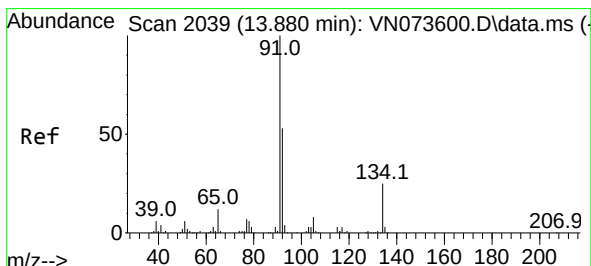
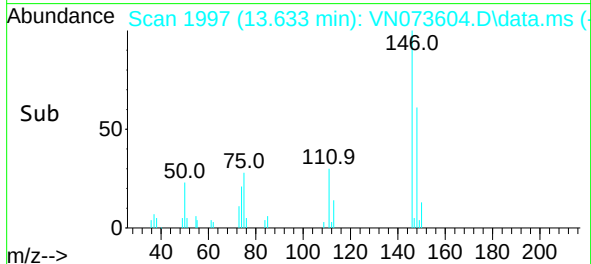
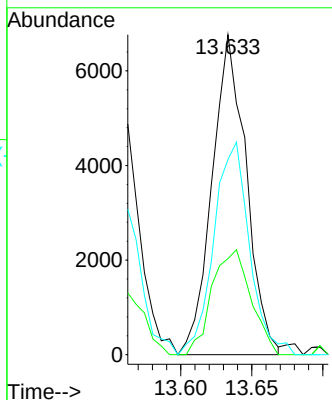
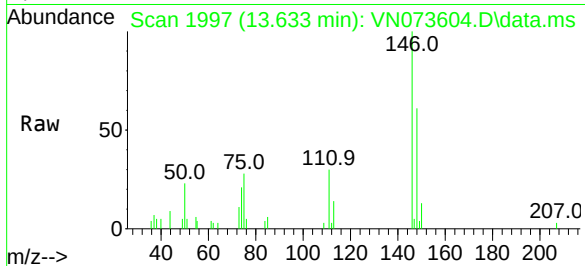




#84
1,4-Dichlorobenzene
Concen: 1.359 ug/l
RT: 13.633 min Scan# 1997
Delta R.T. 0.000 min
Lab File: VN073604.D
Acq: 27 Jul 2022 13:32

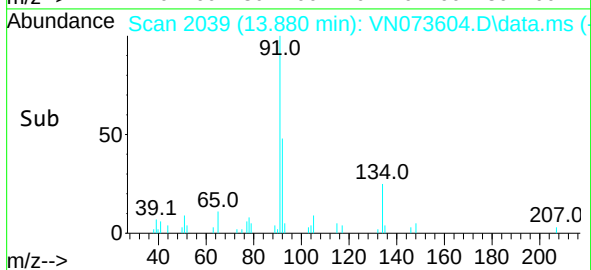
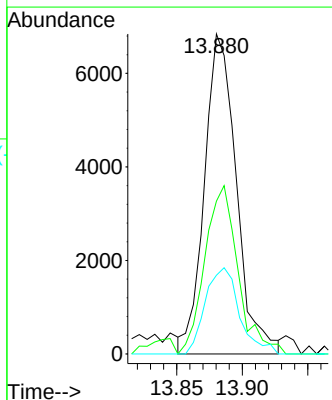
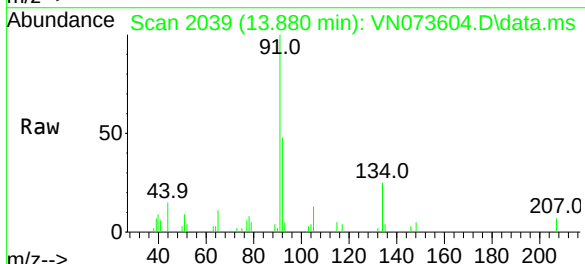
Instrument :
MSVOA_N
ClientSampleId :
IBLK

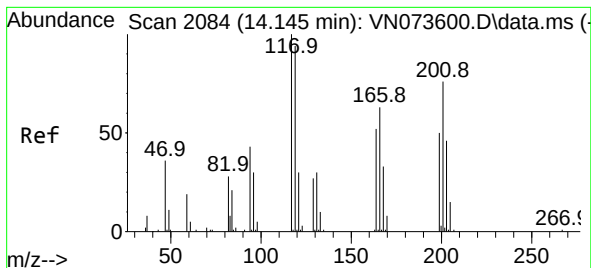
Tgt Ion:146 Resp: 11309
Ion Ratio Lower Upper
146 100
111 37.4 19.5 58.5
148 69.5 31.1 93.5



#85
n-Butylbenzene
Concen: 0.883 ug/l
RT: 13.880 min Scan# 2039
Delta R.T. 0.000 min
Lab File: VN073604.D
Acq: 27 Jul 2022 13:32

Tgt Ion: 91 Resp: 11591
Ion Ratio Lower Upper
91 100
92 54.5 0.0 100.6
134 28.7 0.0 50.2





#86

Hexachloroethane

Concen: 0.445 ug/l

RT: 14.151 min Scan# 2085

Delta R.T. 0.006 min

Lab File: VN073604.D

Acq: 27 Jul 2022 13:32

Instrument :

MSVOA_N

ClientSampleId :

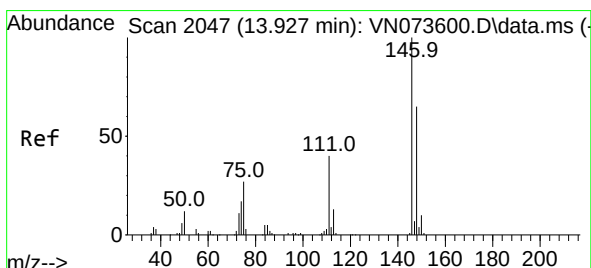
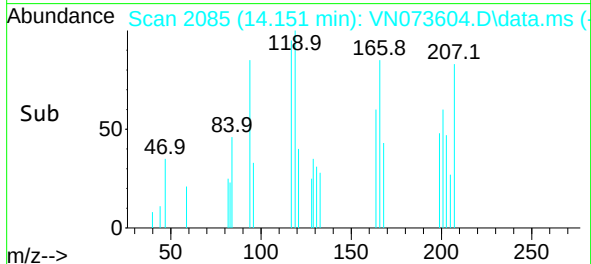
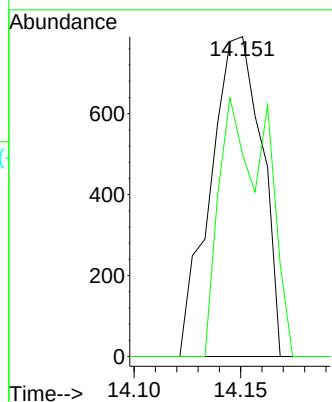
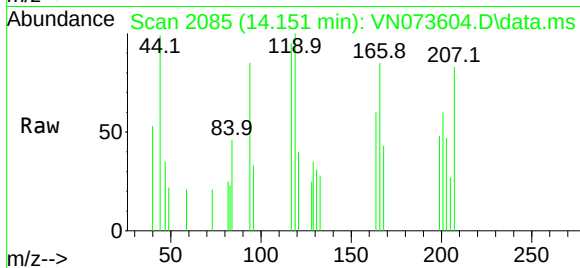
IBLK

Tgt Ion:117 Resp: 1321

Ion Ratio Lower Upper

117 100

201 51.8 33.3 99.8



#87

1,2-Dichlorobenzene

Concen: 1.121 ug/l

RT: 13.927 min Scan# 2047

Delta R.T. 0.000 min

Lab File: VN073604.D

Acq: 27 Jul 2022 13:32

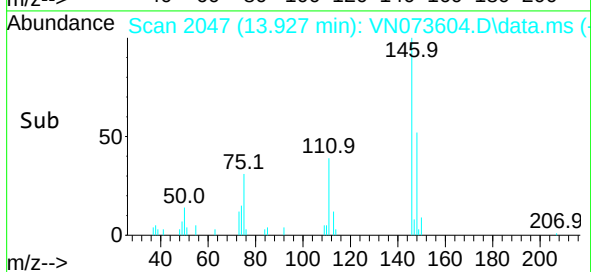
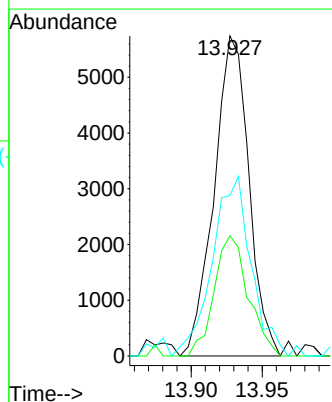
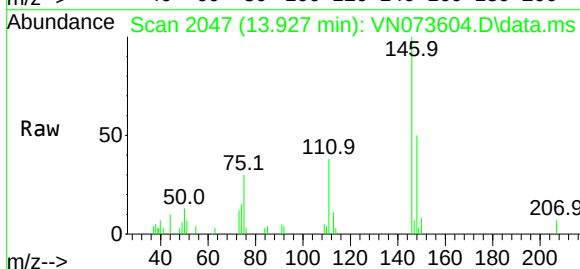
Tgt Ion:146 Resp: 9775

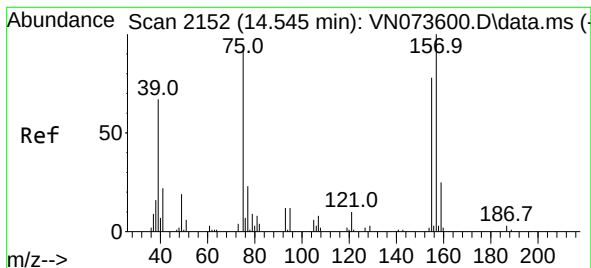
Ion Ratio Lower Upper

146 100

111 36.9 21.4 64.2

148 62.5 32.5 97.4





#88

1,2-Dibromo-3-Chloropropane

Concen: 1.713 ug/l

RT: 14.545 min Scan# 2152

Delta R.T. 0.000 min

Lab File: VN073604.D

Acq: 27 Jul 2022 13:32

Instrument :

MSVOA_N

ClientSampleId :

IBLK

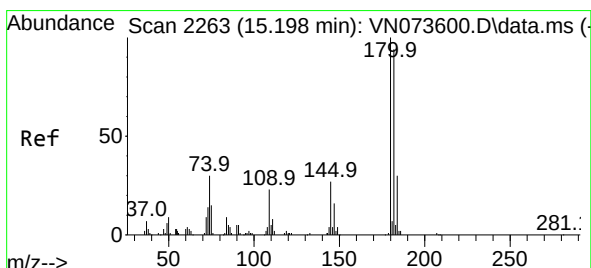
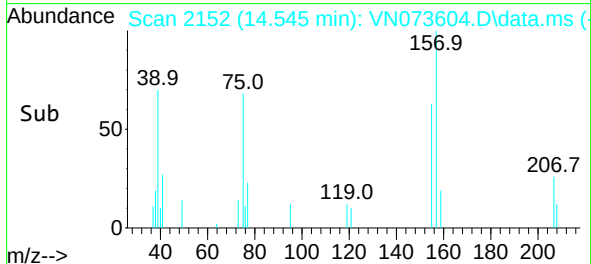
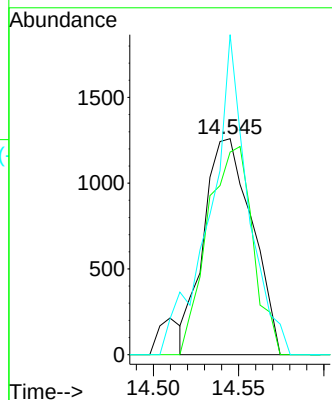
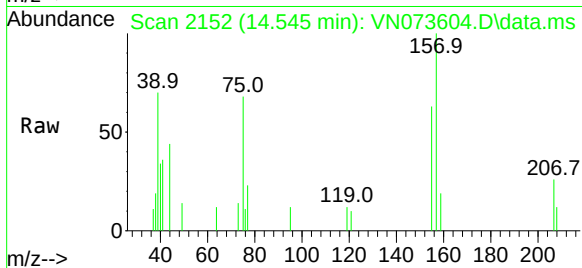
Tgt Ion: 75 Resp: 2496

Ion Ratio Lower Upper

75 100

155 90.0 63.8 95.8

157 116.1 77.9 116.9



#89

1,2,4-Trichlorobenzene

Concen: 3.637 ug/l

RT: 15.204 min Scan# 2264

Delta R.T. 0.006 min

Lab File: VN073604.D

Acq: 27 Jul 2022 13:32

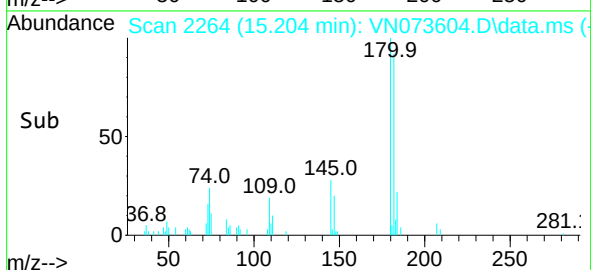
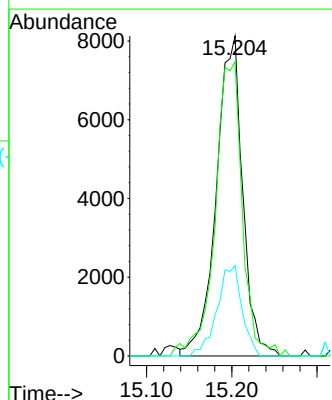
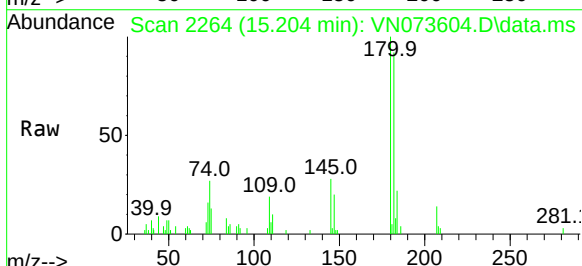
Tgt Ion: 180 Resp: 17458

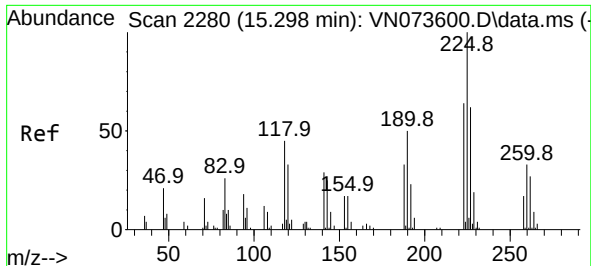
Ion Ratio Lower Upper

180 100

182 92.7 77.7 116.5

145 26.8 26.6 39.8

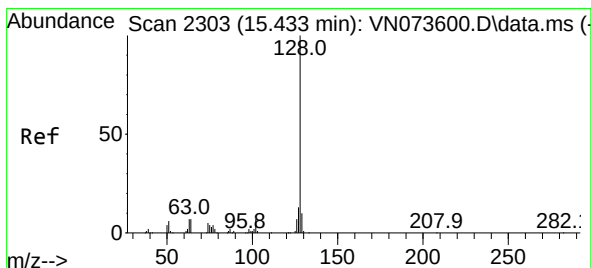
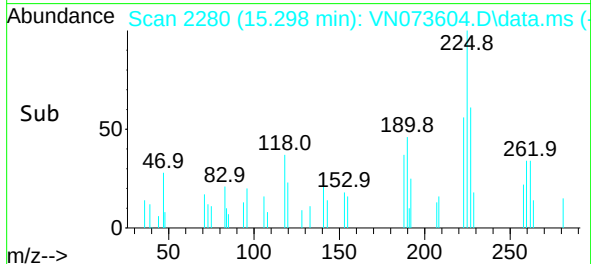
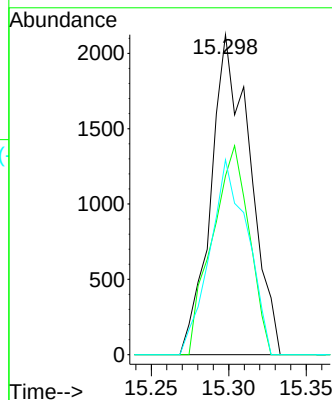
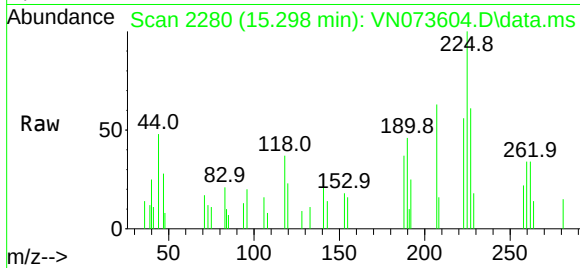




#90
Hexachlorobutadiene
Concen: 1.532 ug/l
RT: 15.298 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN073604.D
Acq: 27 Jul 2022 13:32

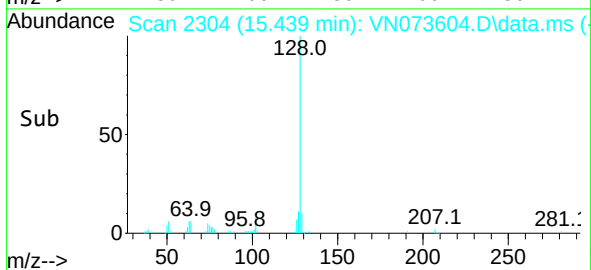
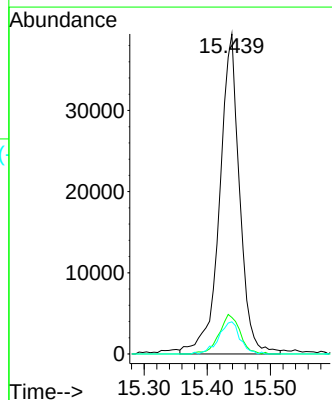
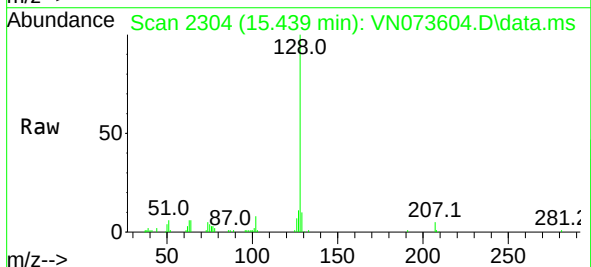
Instrument :
MSVOA_N
ClientSampleId :
IBLK

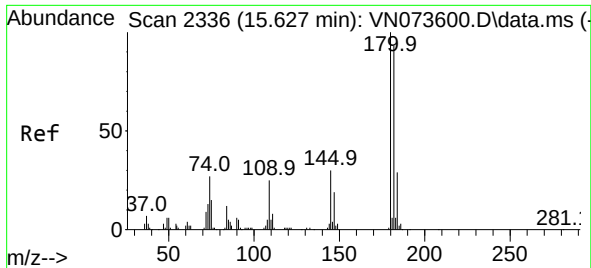
Tgt Ion:225 Resp: 3725
Ion Ratio Lower Upper
225 100
223 61.8 0.0 126.8
227 58.9 0.0 123.0



#91
Naphthalene
Concen: 5.499 ug/l
RT: 15.439 min Scan# 2304
Delta R.T. 0.006 min
Lab File: VN073604.D
Acq: 27 Jul 2022 13:32

Tgt Ion:128 Resp: 86665
Ion Ratio Lower Upper
128 100
127 12.9 10.7 16.1
129 10.5 9.0 13.6





#92
 1,2,3-Trichlorobenzene
 Concen: 4.450 ug/l
 RT: 15.627 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN073604.D
 Acq: 27 Jul 2022 13:32

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Tgt Ion:	180	Resp:	21945
Ion	Ratio	Lower	Upper
180	100		
182	96.1	0.0	190.0
145	28.7	0.0	67.8

