

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061722\
 Data File : VN072919.D
 Acq On : 17 Jun 2022 19:56
 Operator : JC\MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VIBLK

Quant Time: Jun 18 06:24:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061722W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 18 06:22:45 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	299711	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	530148	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	445113	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	182634	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	211587	52.218	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 104.440%	
35) Dibromofluoromethane	7.951	113	162044	49.452	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 98.900%	
50) Toluene-d8	10.375	98	596409	48.914	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 97.820%	
62) 4-Bromofluorobenzene	12.669	95	198424	45.256	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 90.520%	

Target Compounds				Qvalue		
3) Chloromethane	2.263	50	1148	0.939	ug/l	97
5) Bromomethane	2.822	94	682	0.677	ug/l #	71
6) Chloroethane	2.993	64	364	0.227	ug/l #	42
10) Methyl Iodide	4.363	142	2029	0.614	ug/l #	65
13) Acrolein	3.998	56	462	1.121	ug/l #	77
15) Acrylonitrile	5.481	53	1056	0.438	ug/l #	55
16) Acetone	4.246	43	2551	1.145	ug/l	93
17) Carbon Disulfide	4.457	76	4201	0.571	ug/l #	95
18) Methyl Acetate	4.810	43	2500	0.421	ug/l #	60
21) trans-1,2-Dichloroethene	5.516	96	944	0.302	ug/l #	56
23) Vinyl Acetate	6.369	43	2401	0.228	ug/l #	68
25) 2-Butanone	7.257	43	1556	0.440	ug/l #	45
26) 2,2-Dichloropropane	7.239	77	1532	Below Cal	#	53
29) Tetrahydrofuran	7.622	42	1310	0.561	ug/l #	65
31) Cyclohexane	8.016	56	6901	1.259	ug/l #	19
36) 1,1-Dichloropropene	8.151	75	1419	0.320	ug/l #	46
38) Carbon Tetrachloride	8.016	117	30029	6.439	ug/l #	16
42) 1,2-Dichloroethane	8.463	62	990	0.200	ug/l #	74
44) Trichloroethene	9.151	130	726	0.206	ug/l	61
49) 1,4-Dioxane	9.510	88	140	1.344	ug/l #	58
51) 4-Methyl-2-Pentanone	10.269	43	3451	0.522	ug/l #	68
59) 2-Hexanone	11.027	43	6987	1.366	ug/l	78
64) Tetrachloroethene	10.904	164	754	0.278	ug/l #	67
65) Chlorobenzene	11.704	112	2290	0.263	ug/l #	88
68) m/p-Xylenes	11.898	106	2375	0.396	ug/l	99
70) Styrene	12.233	104	2373	0.246	ug/l #	86
74) N-amyl acetate	12.327	43	3491	0.476	ug/l #	86
76) 1,2,3-Trichloropropane	12.669	75	99238	22.412	ug/l #	1
77) Bromobenzene	12.798	156	1062	0.314	ug/l	85
78) n-propylbenzene	12.857	91	5138	0.331	ug/l	93
79) 2-Chlorotoluene	12.939	91	2676	0.266	ug/l	92
80) 1,3,5-Trimethylbenzene	12.992	105	2400	0.207	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.669	75	99238	60.526	ug/l #	10
82) 4-Chlorotoluene	13.039	91	4398	0.462	ug/l	97
84) 1,2,4-Trimethylbenzene	13.304	105	3223	0.279	ug/l	92
85) sec-Butylbenzene	13.433	105	3036	0.214	ug/l	93

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

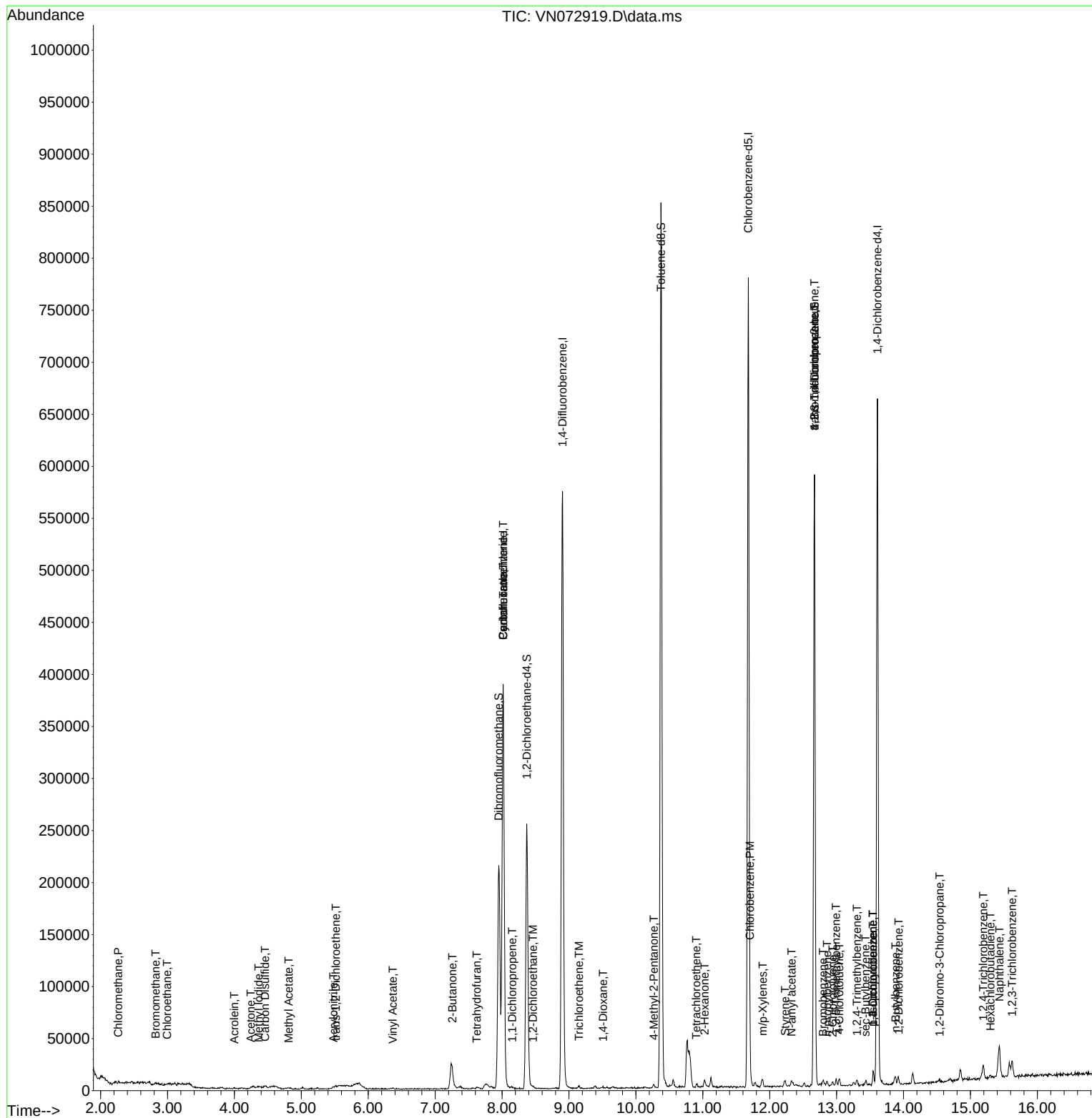
86) p-Isopropyltoluene	13.545	119	3052	0.266	ug/l	94
87) 1,3-Dichlorobenzene	13.545	146	3683	0.609	ug/l	97
88) 1,4-Dichlorobenzene	13.545	146	3683	0.602	ug/l	95
89) n-Butylbenzene	13.880	91	4222	0.450	ug/l	92
91) 1,2-Dichlorobenzene	13.927	146	2908	0.461	ug/l	89
92) 1,2-Dibromo-3-Chloropr...	14.539	75	944	0.654	ug/l	62
93) 1,2,4-Trichlorobenzene	15.192	180	5424	1.555	ug/l	94
94) Hexachlorobutadiene	15.298	225	757	0.499	ug/l	74
95) Naphthalene	15.433	128	35325	2.504	ug/l	99
96) 1,2,3-Trichlorobenzene	15.621	180	6589	1.769	ug/l	95

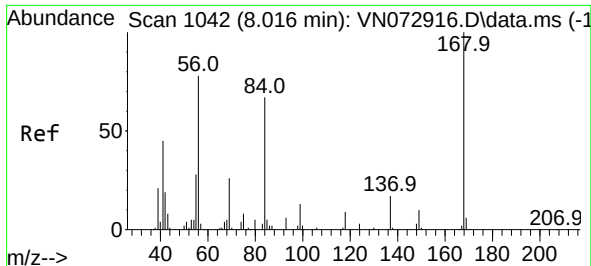
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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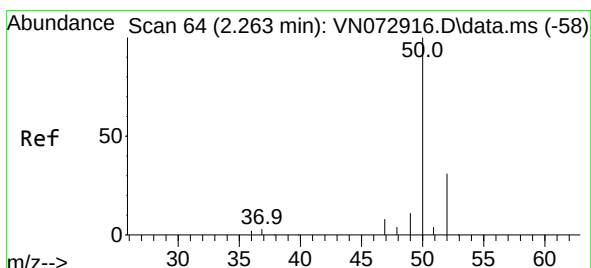
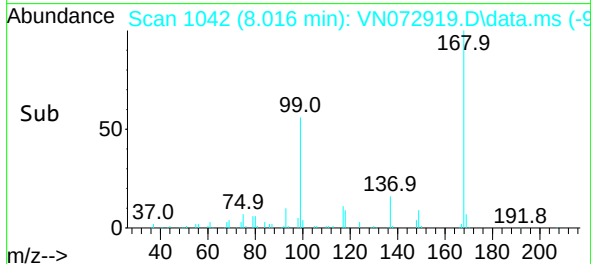
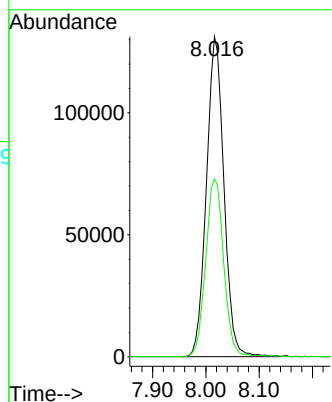
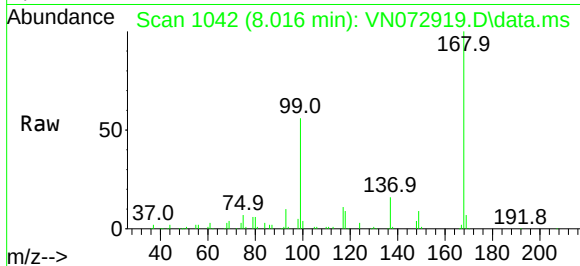




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN072919.D
Acq: 17 Jun 2022 19:56

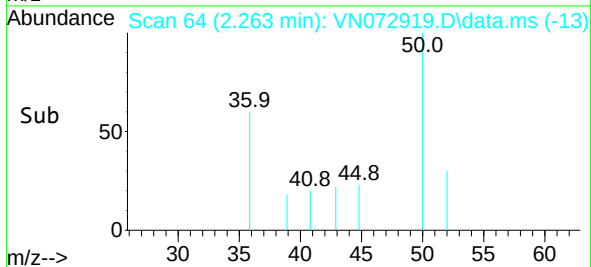
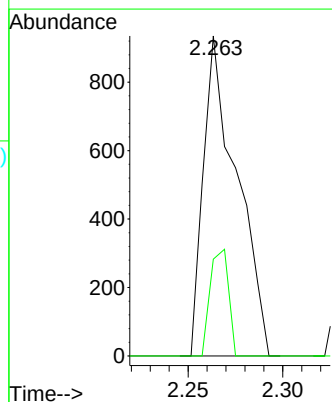
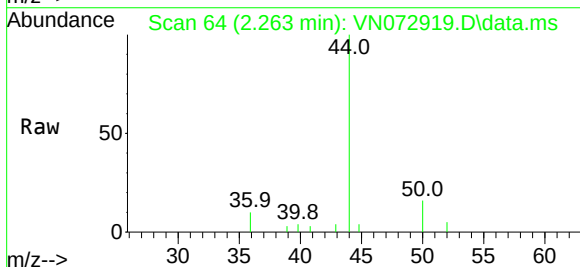
Instrument :
MSVOA_N
ClientSampleId :
VIBLK

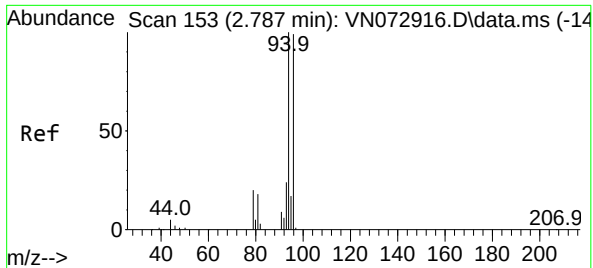
Tgt Ion:168 Resp: 299711
Ion Ratio Lower Upper
168 100
99 55.5 42.3 63.5



#3
Chloromethane
Concen: 0.939 ug/l
RT: 2.263 min Scan# 64
Delta R.T. 0.000 min
Lab File: VN072919.D
Acq: 17 Jun 2022 19:56

Tgt Ion: 50 Resp: 1148
Ion Ratio Lower Upper
50 100
52 30.3 25.7 38.5

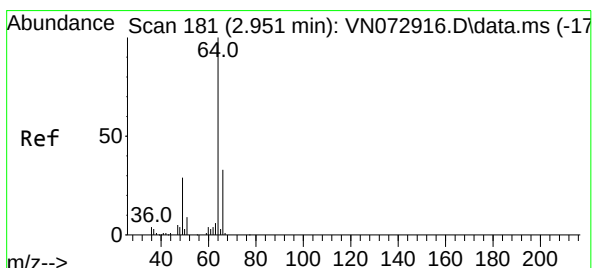
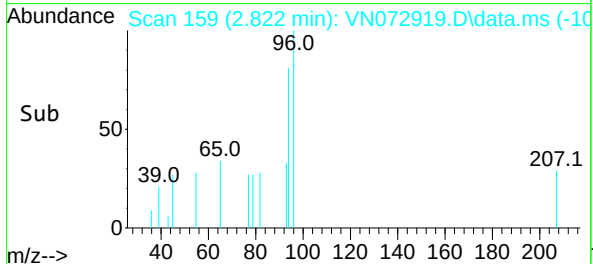
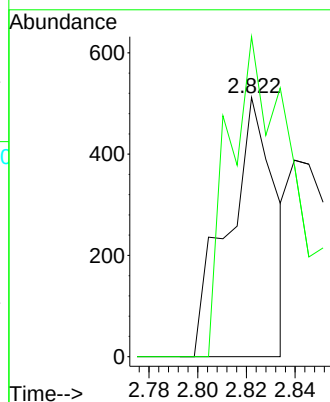
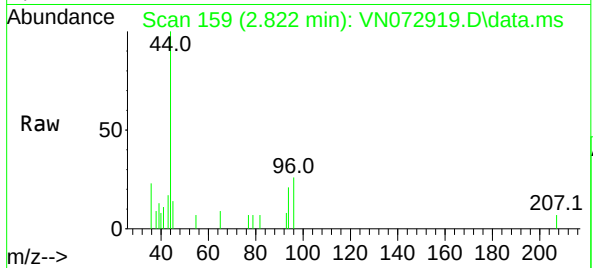




#5
Bromomethane
Concen: 0.677 ug/l
RT: 2.822 min Scan# 11
Delta R.T. 0.035 min
Lab File: VN072919.D
Acq: 17 Jun 2022 19:56

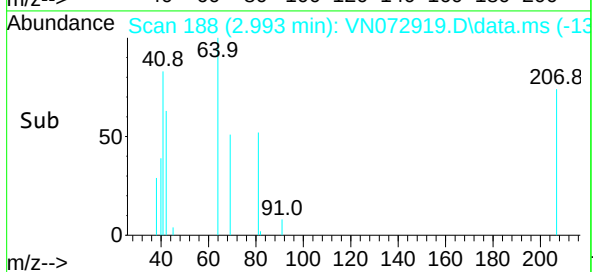
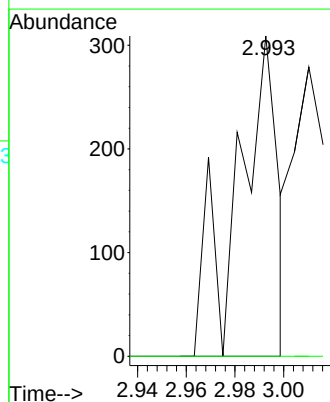
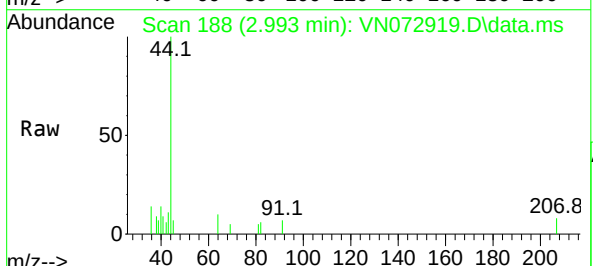
Instrument :
MSVOA_N
ClientSampleId :
VIBLK

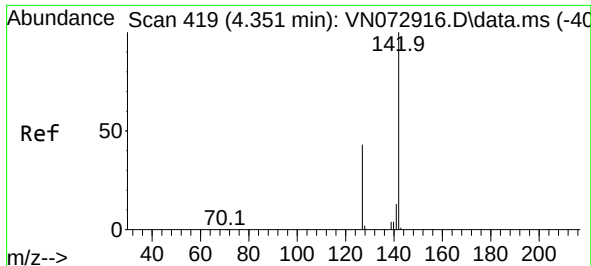
Tgt Ion: 94 Resp: 682
Ion Ratio Lower Upper
94 100
96 123.4 76.0 114.0#



#6
Chloroethane
Concen: 0.227 ug/l
RT: 2.993 min Scan# 188
Delta R.T. 0.041 min
Lab File: VN072919.D
Acq: 17 Jun 2022 19:56

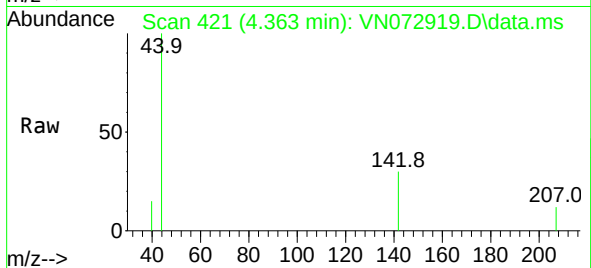
Tgt Ion: 64 Resp: 364
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#



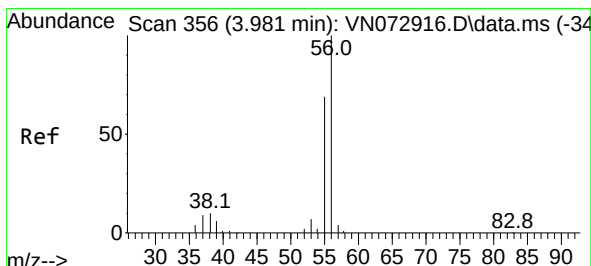
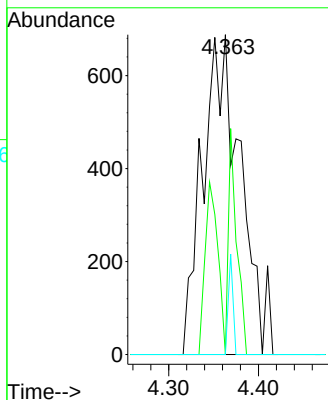
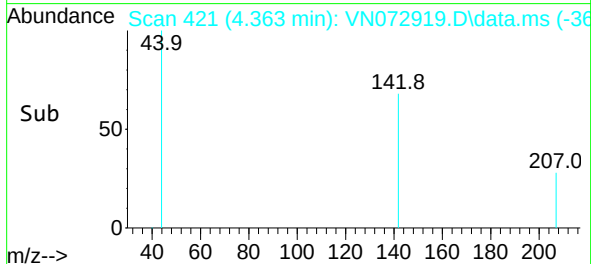


#10
Methyl Iodide
Concen: 0.614 ug/l
RT: 4.363 min Scan# 419
Delta R.T. 0.012 min
Lab File: VN072919.D
Acq: 17 Jun 2022 19:56

Instrument :
MSVOA_N
ClientSampleId :
VIBLK

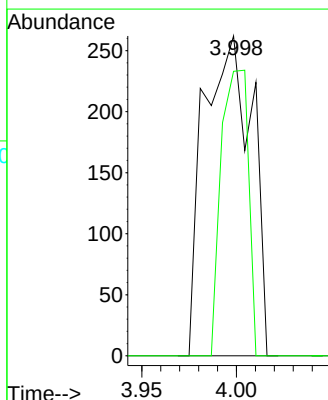
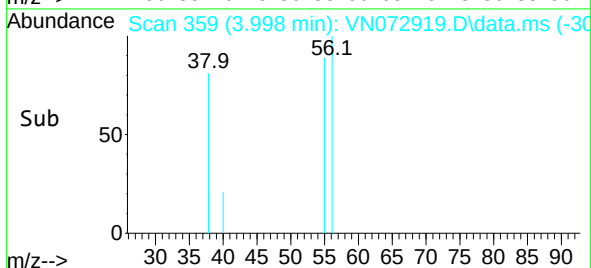
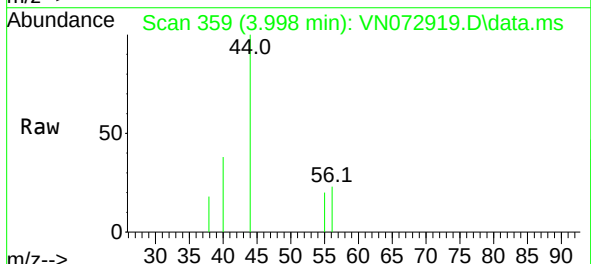


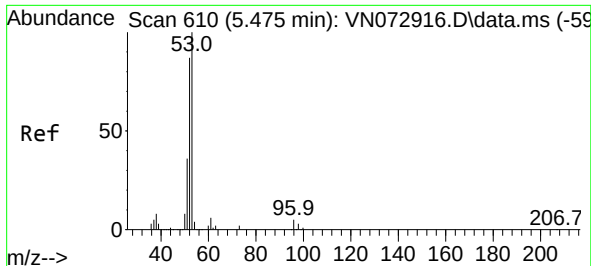
Tgt Ion:142 Resp: 2029
Ion Ratio Lower Upper
142 100
127 15.4 31.3 46.9#
141 3.7 11.2 16.8#



#13
Acrolein
Concen: 1.121 ug/l
RT: 3.998 min Scan# 359
Delta R.T. 0.018 min
Lab File: VN072919.D
Acq: 17 Jun 2022 19:56

Tgt Ion: 56 Resp: 462
Ion Ratio Lower Upper
56 100
55 50.2 54.8 82.2#

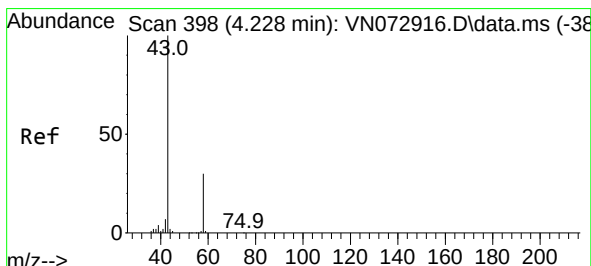
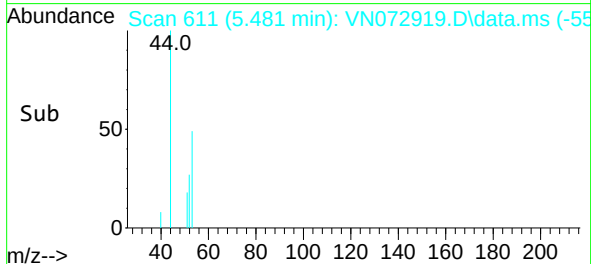
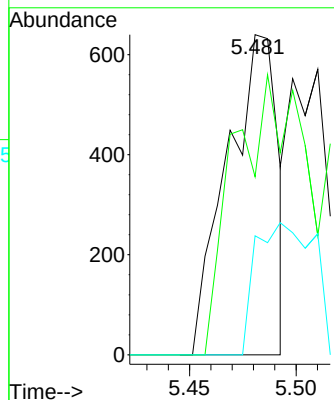
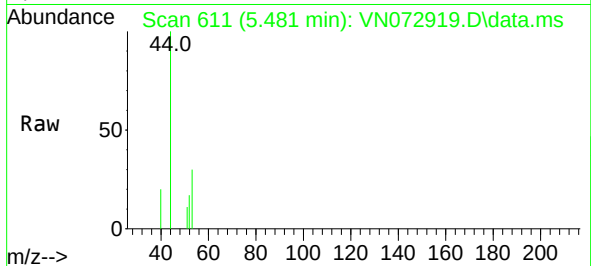




#15
Acrylonitrile
Concen: 0.438 ug/l
RT: 5.481 min Scan# 610
Delta R.T. 0.006 min
Lab File: VN072919.D
Acq: 17 Jun 2022 19:56

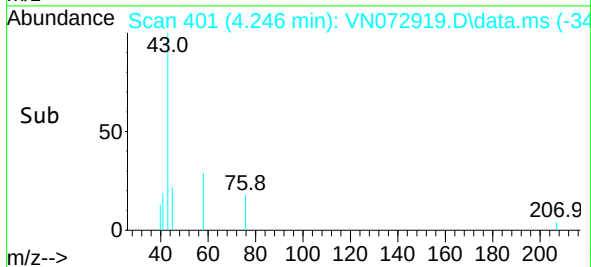
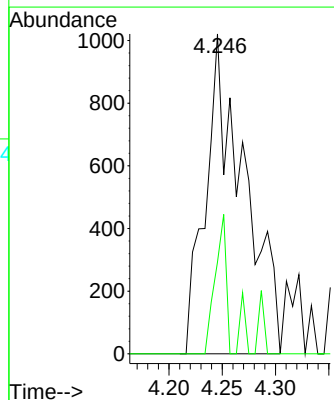
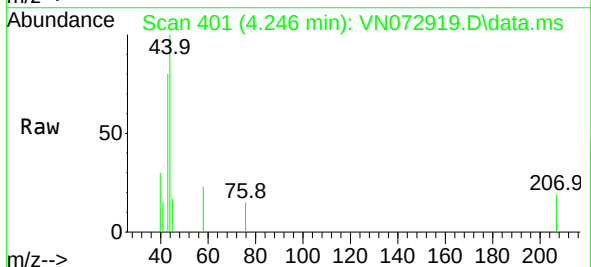
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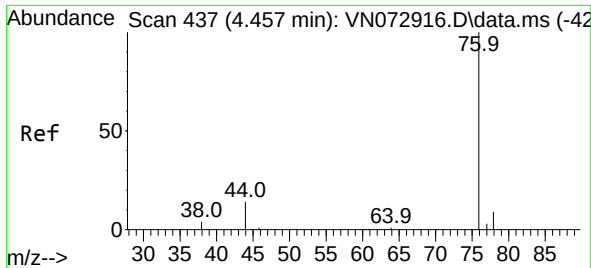
Tgt Ion: 53 Resp: 1056
Ion Ratio Lower Upper
53 100
52 48.7 66.4 99.6#
51 0.0 28.5 42.7#



#16
Acetone
Concen: 1.145 ug/l
RT: 4.246 min Scan# 401
Delta R.T. 0.018 min
Lab File: VN072919.D
Acq: 17 Jun 2022 19:56

Tgt Ion: 43 Resp: 2551
Ion Ratio Lower Upper
43 100
58 28.7 26.0 39.0





#17

Carbon Disulfide

Concen: 0.571 ug/l

RT: 4.457 min Scan# 41

Delta R.T. 0.000 min

Lab File: VN072919.D

Acq: 17 Jun 2022 19:56

Instrument :

MSVOA_N

ClientSampleId :

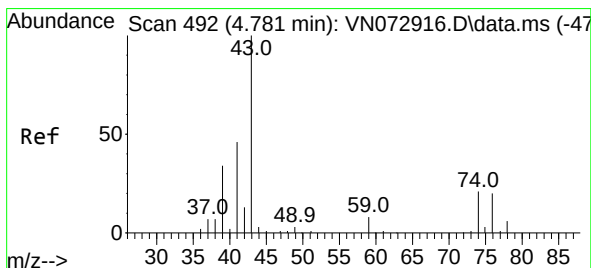
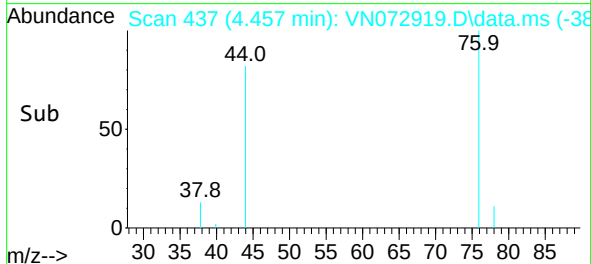
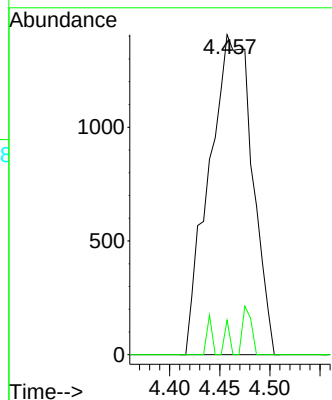
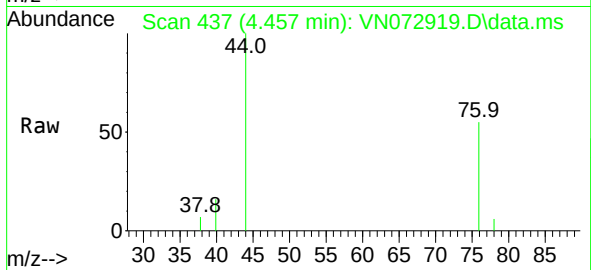
VIBLK

Tgt Ion: 76 Resp: 4201

Ion Ratio Lower Upper

76 100

78 10.8 7.2 10.8#



#18

Methyl Acetate

Concen: 0.421 ug/l

RT: 4.810 min Scan# 497

Delta R.T. 0.029 min

Lab File: VN072919.D

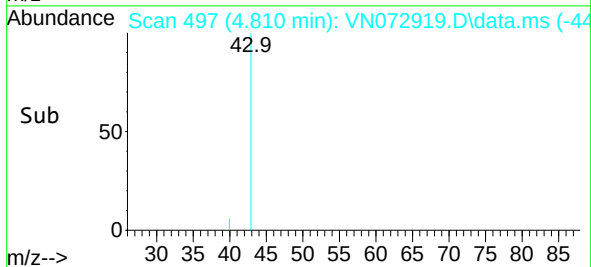
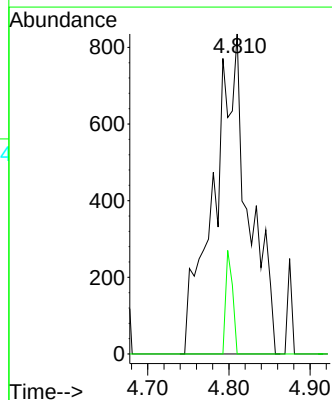
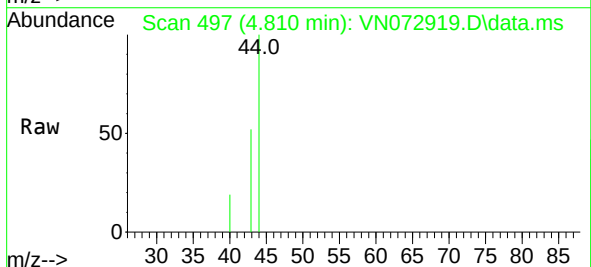
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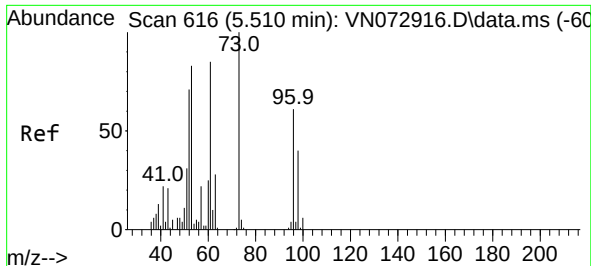
Tgt Ion: 43 Resp: 2500

Ion Ratio Lower Upper

43 100

74 6.4 21.6 32.4#

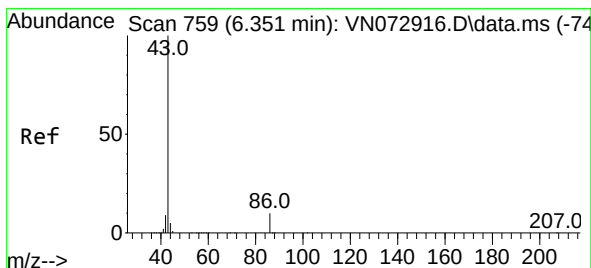
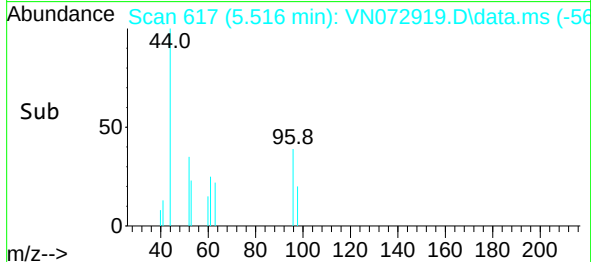
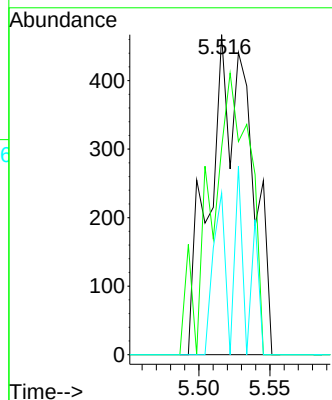
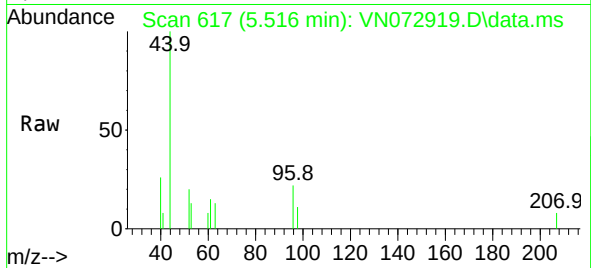




#21
trans-1,2-Dichloroethene
Concen: 0.302 ug/l
RT: 5.516 min Scan# 616
Delta R.T. 0.006 min
Lab File: VN072919.D
Acq: 17 Jun 2022 19:56

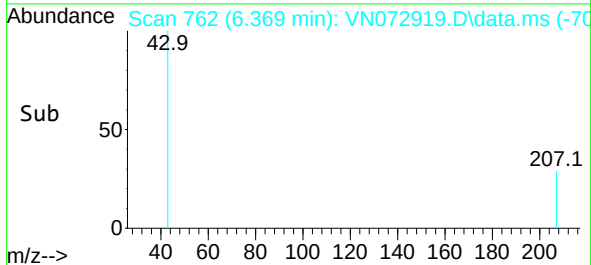
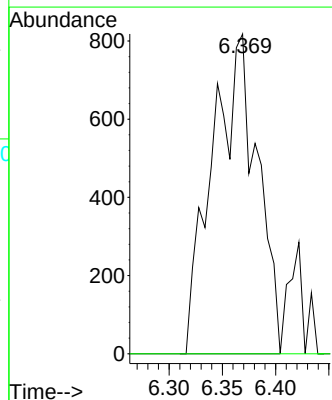
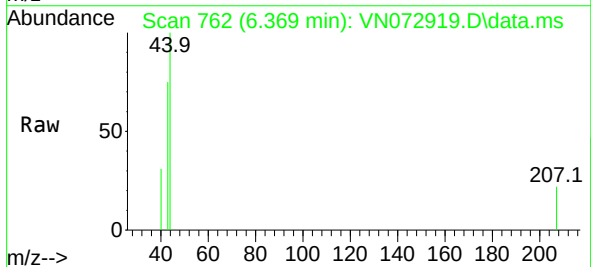
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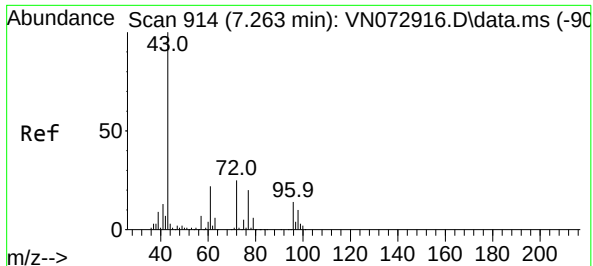
Tgt Ion: 96 Resp: 944
Ion Ratio Lower Upper
96 100
61 64.7 105.8 158.8#
98 50.5 50.3 75.5



#23
Vinyl Acetate
Concen: 0.228 ug/l
RT: 6.369 min Scan# 762
Delta R.T. 0.018 min
Lab File: VN072919.D
Acq: 17 Jun 2022 19:56

Tgt Ion: 43 Resp: 2401
Ion Ratio Lower Upper
43 100
86 0.0 10.0 15.0#

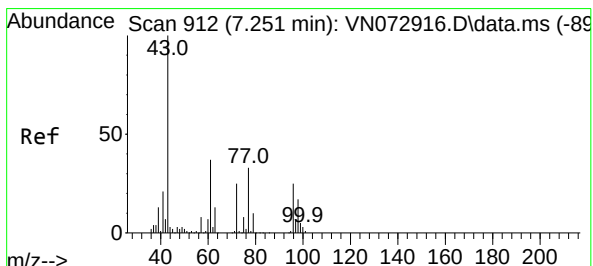
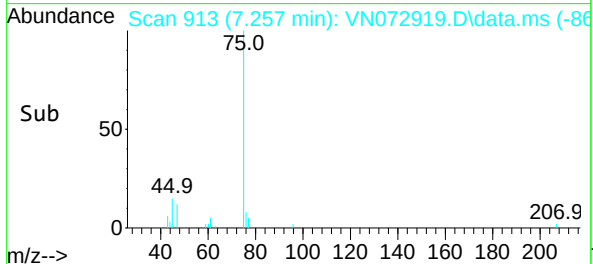
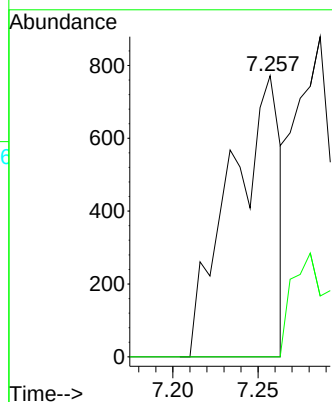
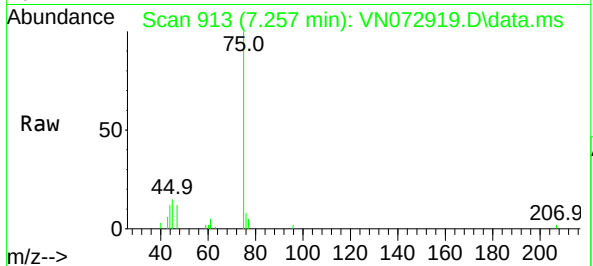




#25
2-Butanone
Concen: 0.440 ug/l
RT: 7.257 min Scan# 910
Delta R.T. -0.006 min
Lab File: VN072919.D
Acq: 17 Jun 2022 19:56

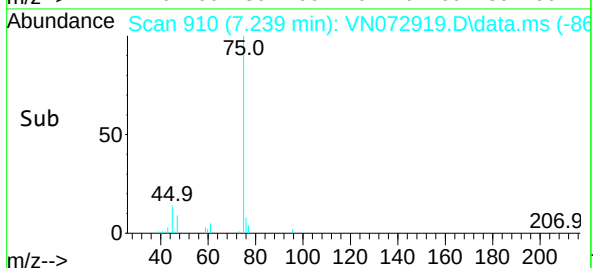
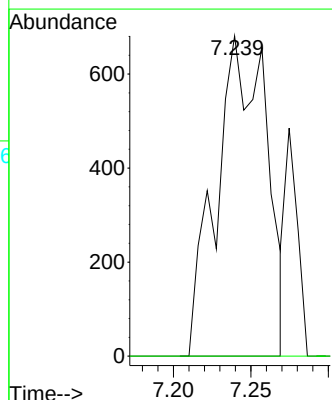
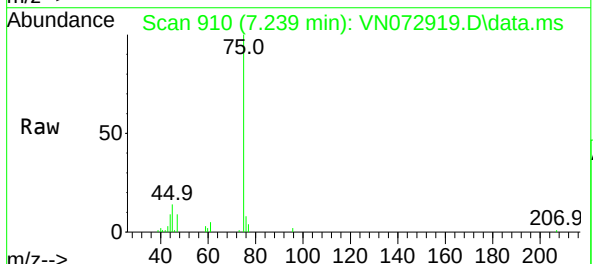
Instrument :
MSVOA_N
ClientSampleId :
VIBLK

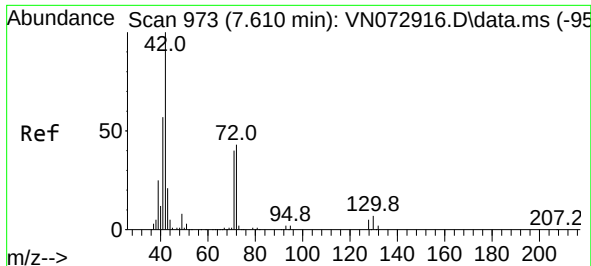
Tgt Ion: 43 Resp: 1556
Ion Ratio Lower Upper
43 100
72 0.0 23.7 35.5#



#26
2,2-Dichloropropane
Concen: Below Cal
RT: 7.239 min Scan# 910
Delta R.T. -0.012 min
Lab File: VN072919.D
Acq: 17 Jun 2022 19:56

Tgt Ion: 77 Resp: 1532
Ion Ratio Lower Upper
77 100
97 0.0 11.4 34.2#





#29

Tetrahydrofuran

Concen: 0.561 ug/l

RT: 7.622 min Scan# 91

Delta R.T. 0.012 min

Lab File: VN072919.D

Acq: 17 Jun 2022 19:56

Instrument :

MSVOA_N

ClientSampleId :

VIBLK

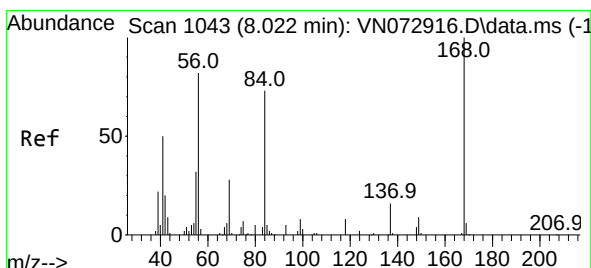
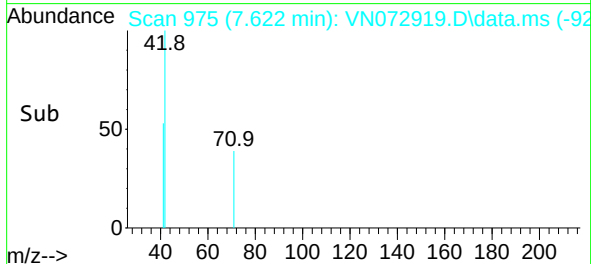
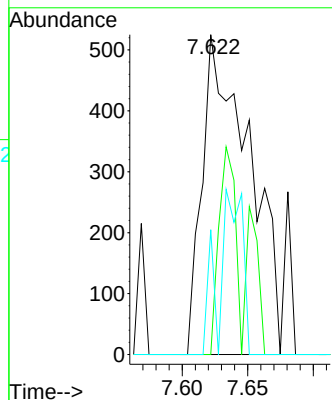
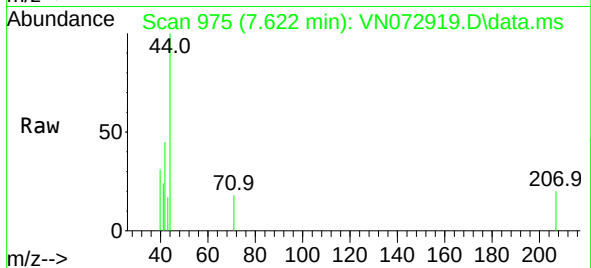
Tgt Ion: 42 Resp: 1310

Ion Ratio Lower Upper

42 100

72 22.4 39.7 59.5#

71 25.8 36.6 55.0#



#31

Cyclohexane

Concen: 1.259 ug/l

RT: 8.016 min Scan# 1042

Delta R.T. -0.006 min

Lab File: VN072919.D

Acq: 17 Jun 2022 19:56

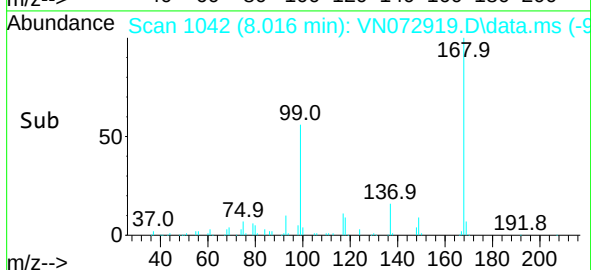
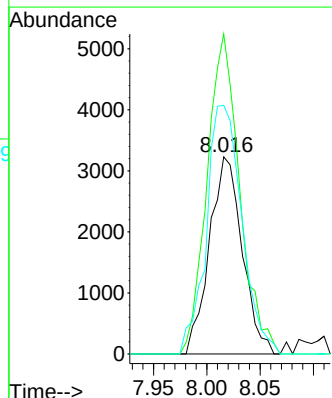
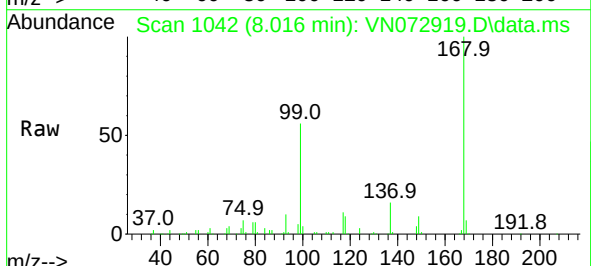
Tgt Ion: 56 Resp: 6901

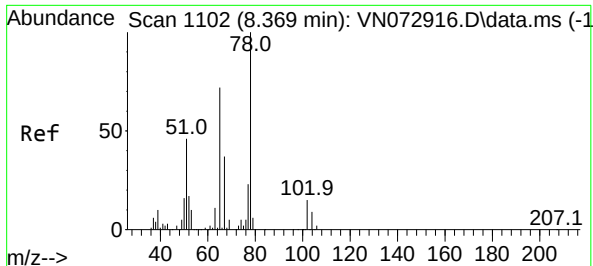
Ion Ratio Lower Upper

56 100

69 162.4 27.8 41.8#

84 126.2 76.9 115.3#





#33

1,2-Dichloroethane-d4

Concen: 52.218 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VN072919.D

Acq: 17 Jun 2022 19:56

Instrument :

MSVOA_N

ClientSampleId :

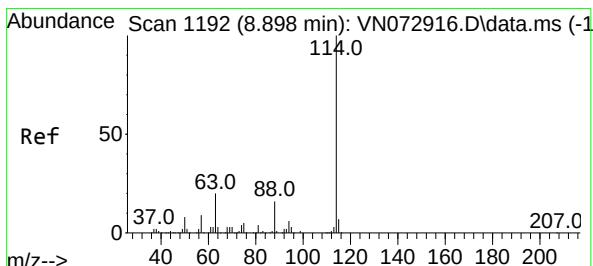
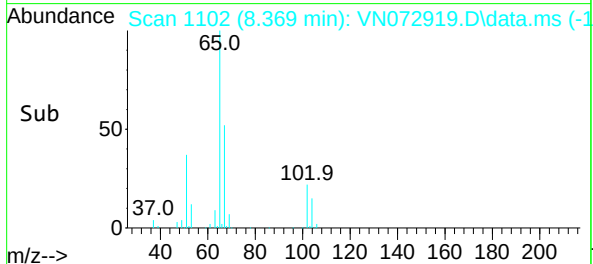
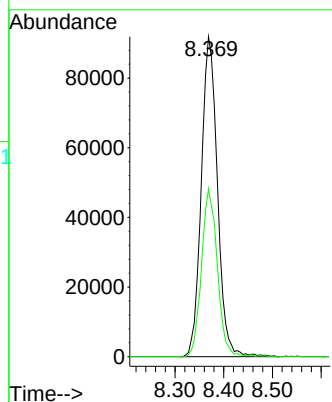
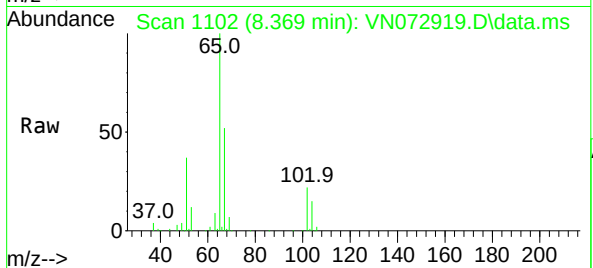
VIBLK

Tgt Ion: 65 Resp: 211587

Ion Ratio Lower Upper

65 100

67 51.1 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.006 min

Lab File: VN072919.D

Acq: 17 Jun 2022 19:56

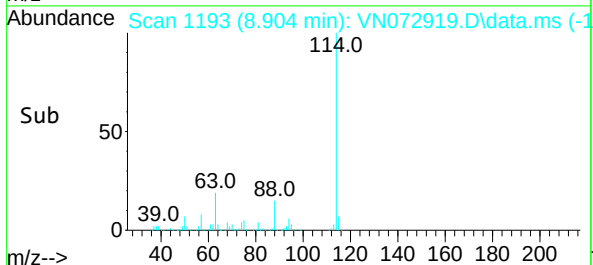
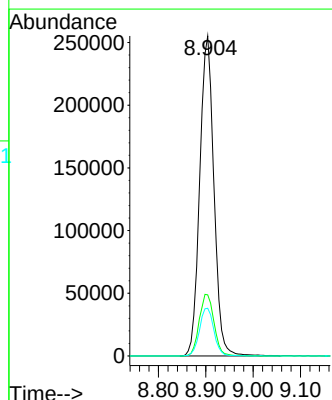
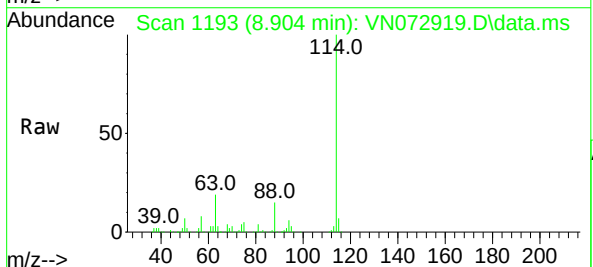
Tgt Ion: 114 Resp: 530148

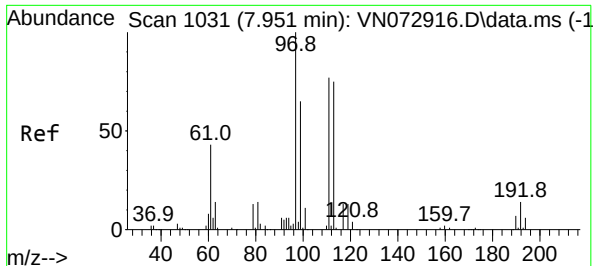
Ion Ratio Lower Upper

114 100

63 19.1 0.0 40.0

88 14.9 0.0 32.6





#35

Dibromofluoromethane

Concen: 49.452 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN072919.D

Acq: 17 Jun 2022 19:56

Instrument :

MSVOA_N

ClientSampleId :

VIBLK

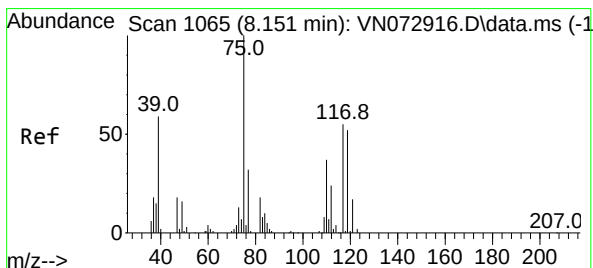
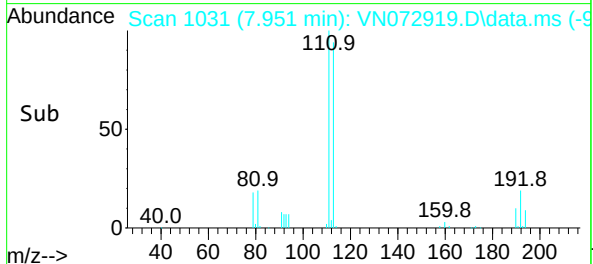
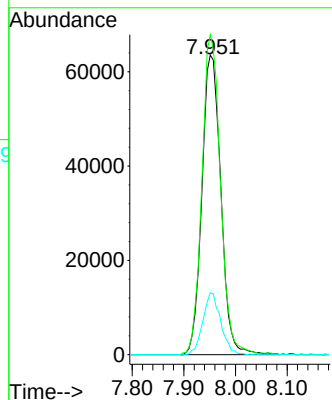
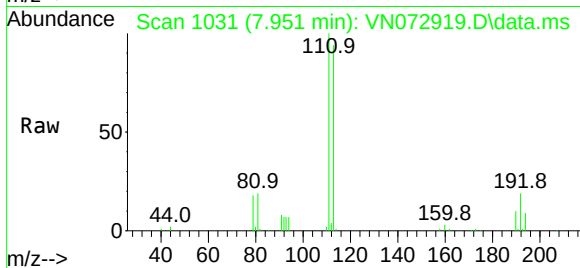
Tgt Ion:113 Resp: 162044

Ion Ratio Lower Upper

113 100

111 104.6 81.4 122.0

192 19.5 17.0 25.6



#36

1,1-Dichloropropene

Concen: 0.320 ug/l

RT: 8.151 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VN072919.D

Acq: 17 Jun 2022 19:56

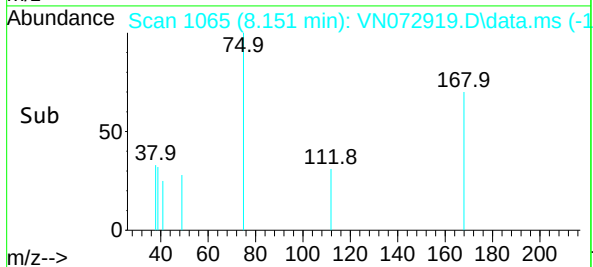
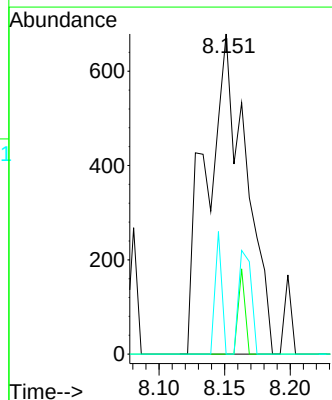
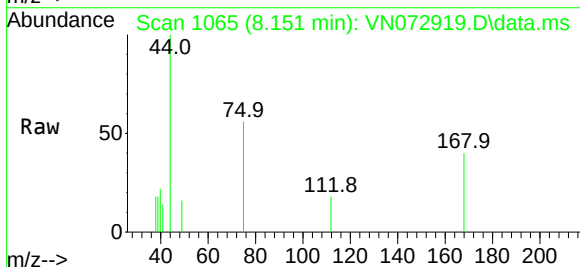
Tgt Ion: 75 Resp: 1419

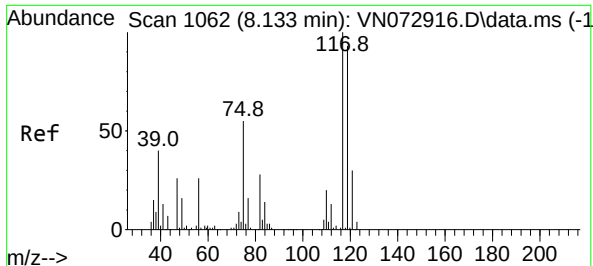
Ion Ratio Lower Upper

75 100

110 0.0 18.3 54.8#

77 6.5 25.1 37.7#

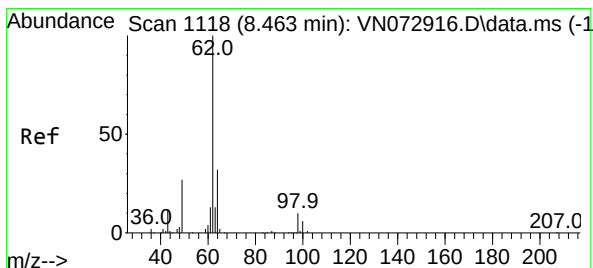
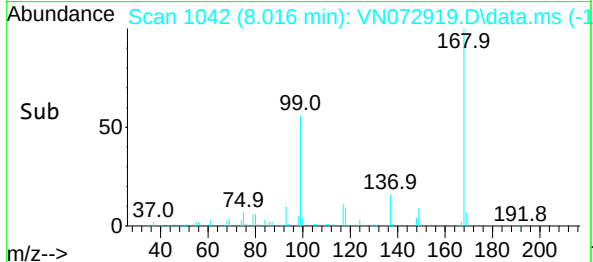
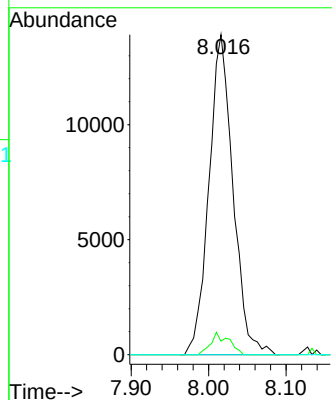
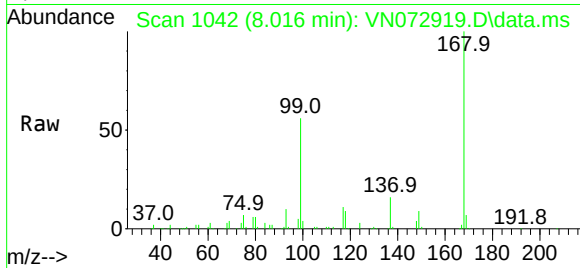




#38
Carbon Tetrachloride
Concen: 6.439 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.118 min
Lab File: VN072919.D
Acq: 17 Jun 2022 19:56

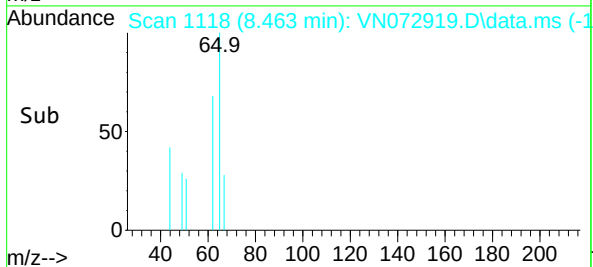
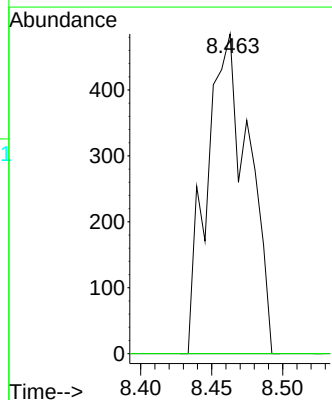
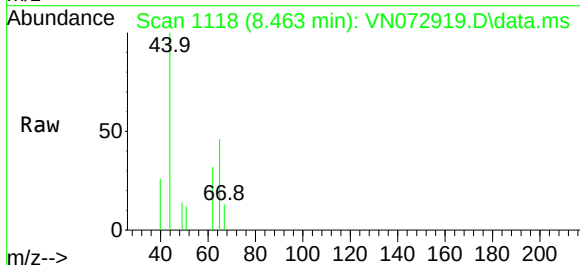
Instrument :
MSVOA_N
ClientSampleId :
VIBLK

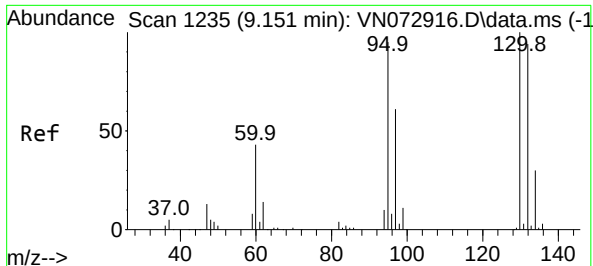
Tgt Ion:117 Resp: 30029
Ion Ratio Lower Upper
117 100
119 4.2 75.8 113.8#
121 0.0 24.6 37.0#



#42
1,2-Dichloroethane
Concen: 0.200 ug/l
RT: 8.463 min Scan# 1118
Delta R.T. 0.000 min
Lab File: VN072919.D
Acq: 17 Jun 2022 19:56

Tgt Ion: 62 Resp: 990
Ion Ratio Lower Upper
62 100
98 0.0 0.0 19.4

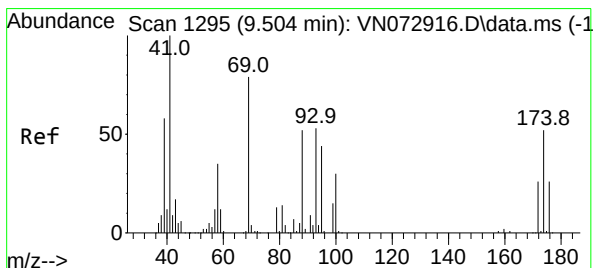
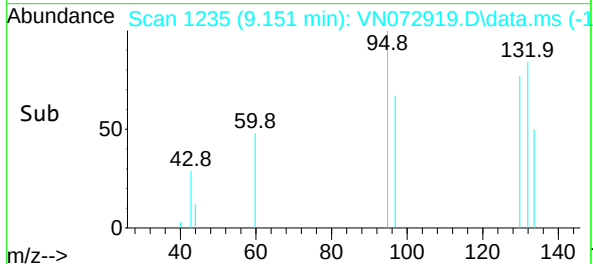
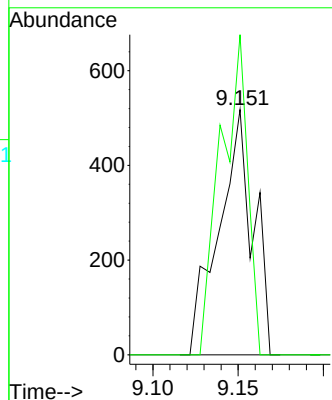
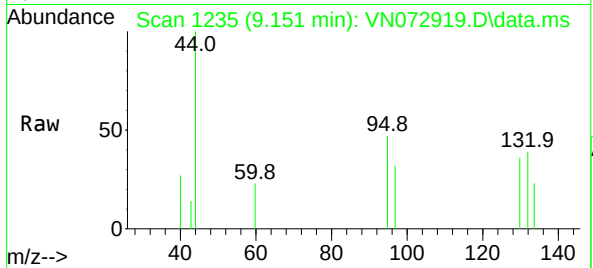




#44
Trichloroethene
Concen: 0.206 ug/l
RT: 9.151 min Scan# 1235
Delta R.T. 0.000 min
Lab File: VN072919.D
Acq: 17 Jun 2022 19:56

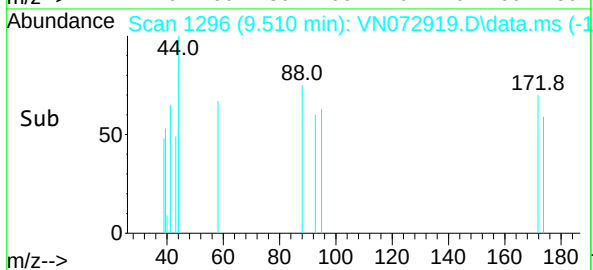
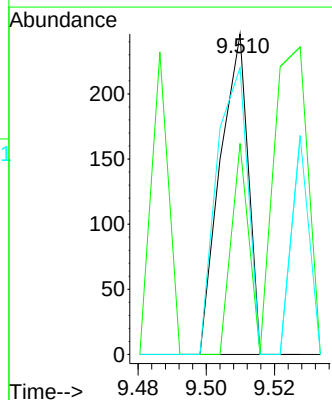
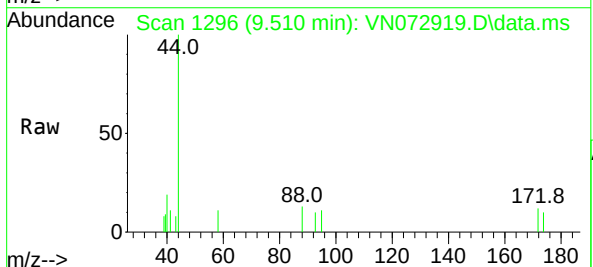
Instrument :
MSVOA_N
ClientSampleId :
VIBLK

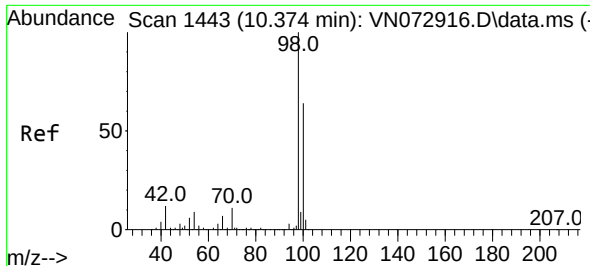
Tgt Ion:130 Resp: 726
Ion Ratio Lower Upper
130 100
95 130.5 0.0 186.8



#49
1,4-Dioxane
Concen: 1.344 ug/l
RT: 9.510 min Scan# 1296
Delta R.T. 0.006 min
Lab File: VN072919.D
Acq: 17 Jun 2022 19:56

Tgt Ion: 88 Resp: 140
Ion Ratio Lower Upper
88 100
43 0.0 20.2 30.4#
58 99.3 54.2 81.4#

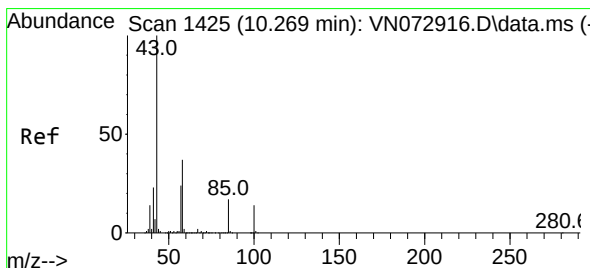
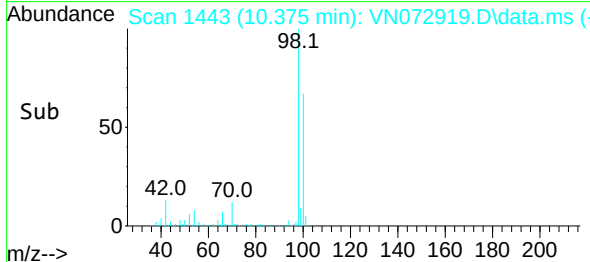
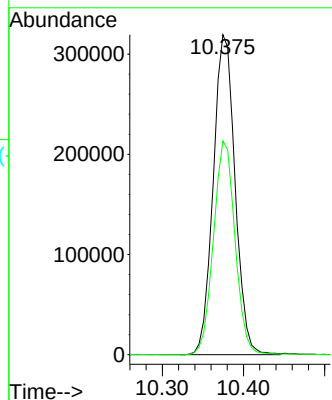
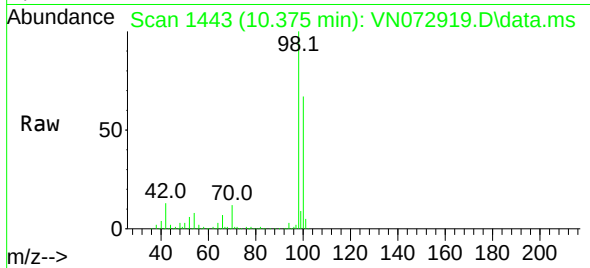




#50
Toluene-d8
Concen: 48.914 ug/l
RT: 10.375 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN072919.D
Acq: 17 Jun 2022 19:56

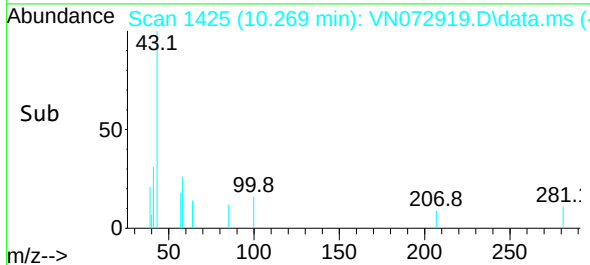
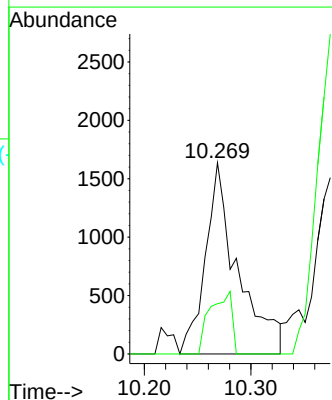
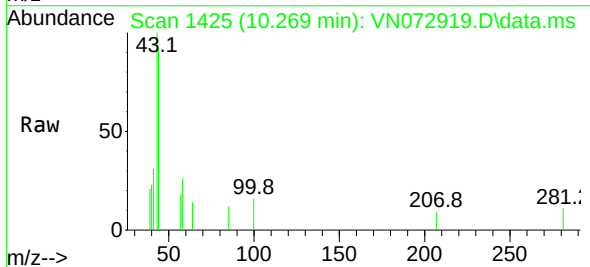
Instrument :
MSVOA_N
ClientSampleId :
VIBLK

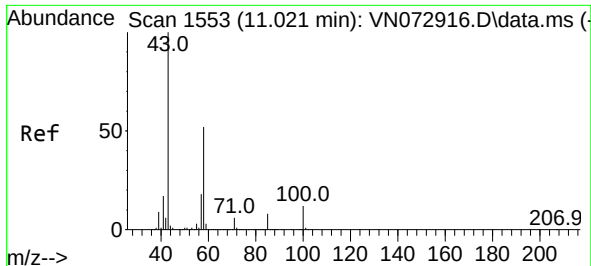
Tgt Ion: 98 Resp: 596409
Ion Ratio Lower Upper
98 100
100 66.3 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.522 ug/l
RT: 10.269 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VN072919.D
Acq: 17 Jun 2022 19:56

Tgt Ion: 43 Resp: 3451
Ion Ratio Lower Upper
43 100
58 22.0 34.1 51.1#

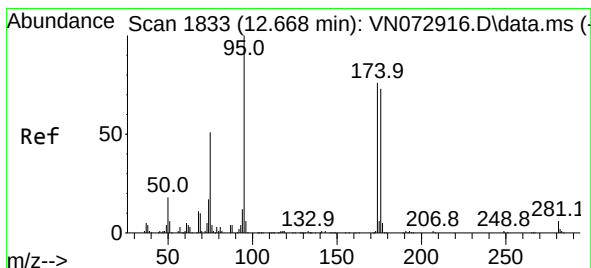
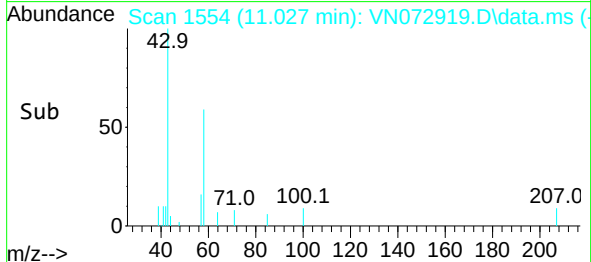
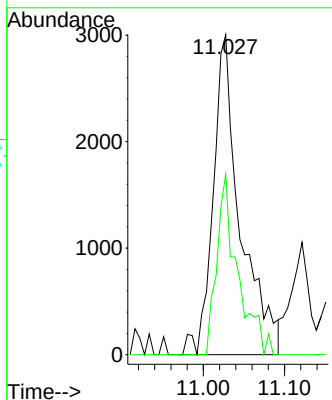
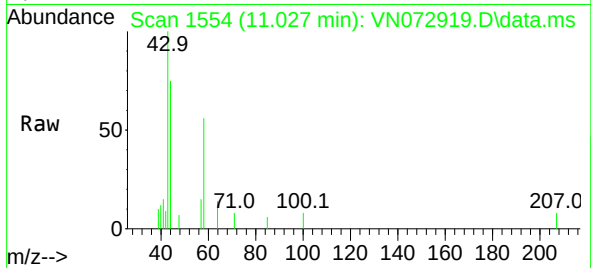




#59
2-Hexanone
Concen: 1.366 ug/l
RT: 11.027 min Scan# 1553
Delta R.T. 0.006 min
Lab File: VN072919.D
Acq: 17 Jun 2022 19:56

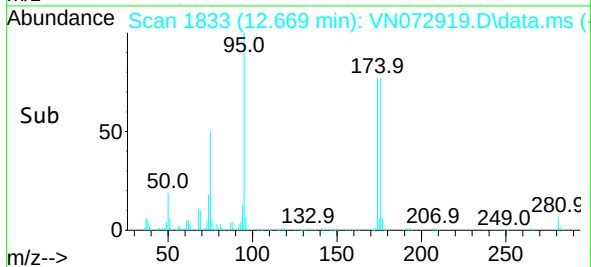
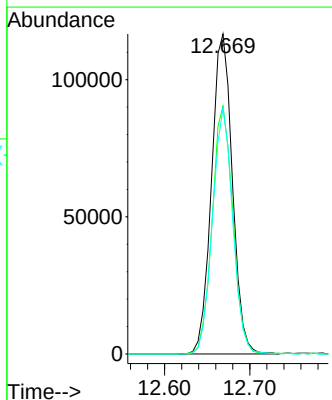
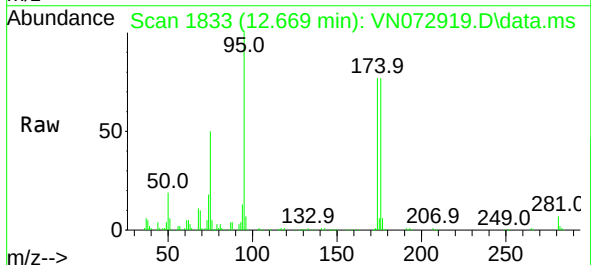
Instrument :
MSVOA_N
ClientSampleId :
VIBLK

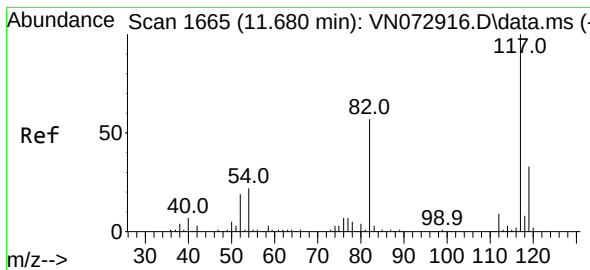
Tgt Ion: 43 Resp: 6987
Ion Ratio Lower Upper
43 100
58 43.2 29.7 89.1



#62
4-Bromofluorobenzene
Concen: 45.256 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN072919.D
Acq: 17 Jun 2022 19:56

Tgt Ion: 95 Resp: 198424
Ion Ratio Lower Upper
95 100
174 77.0 0.0 167.6
176 74.9 0.0 163.4

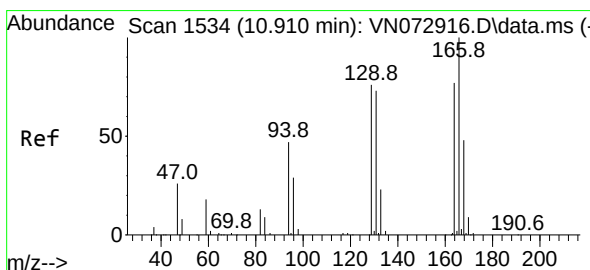
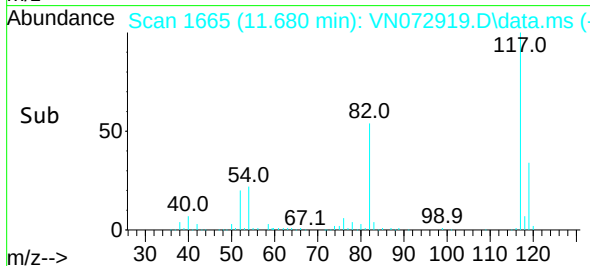
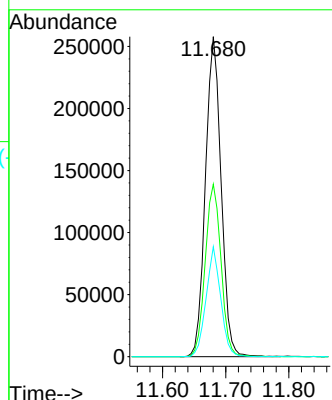
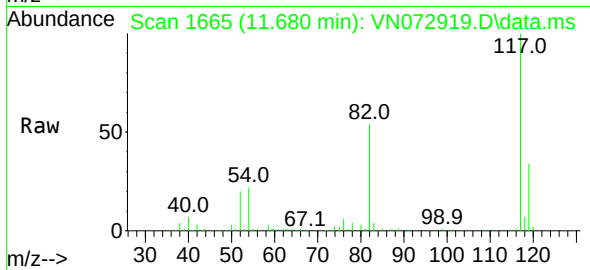




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN072919.D
Acq: 17 Jun 2022 19:56

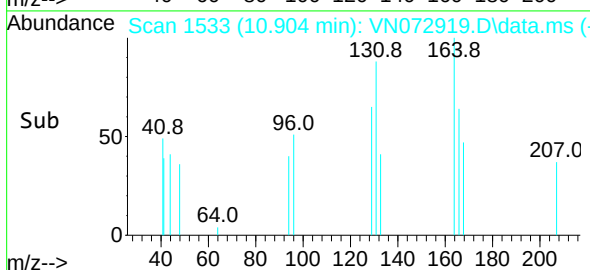
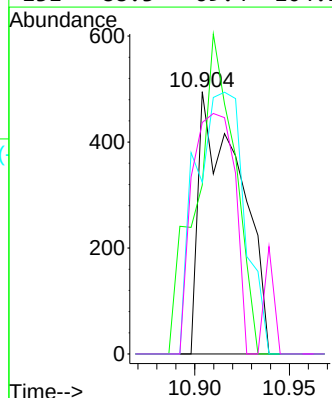
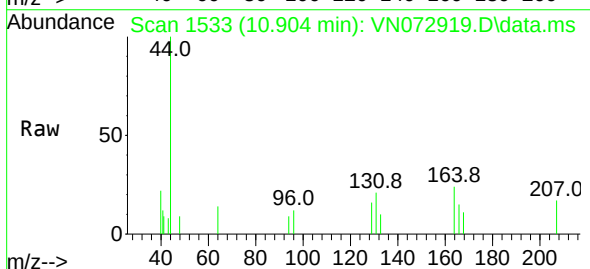
Instrument :
MSVOA_N
ClientSampleId :
VIBLK

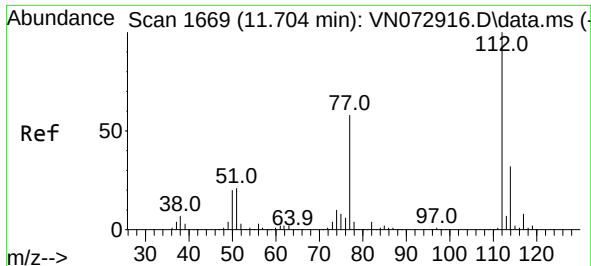
Tgt Ion:117 Resp: 445113
Ion Ratio Lower Upper
117 100
82 53.9 44.2 66.2
119 34.3 25.4 38.0



#64
Tetrachloroethene
Concen: 0.278 ug/l
RT: 10.904 min Scan# 1533
Delta R.T. -0.006 min
Lab File: VN072919.D
Acq: 17 Jun 2022 19:56

Tgt Ion:164 Resp: 754
Ion Ratio Lower Upper
164 100
166 64.4 104.2 156.2#
129 65.5 73.9 110.9#
131 88.3 69.4 104.2

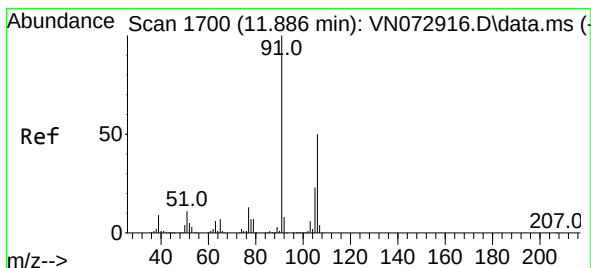
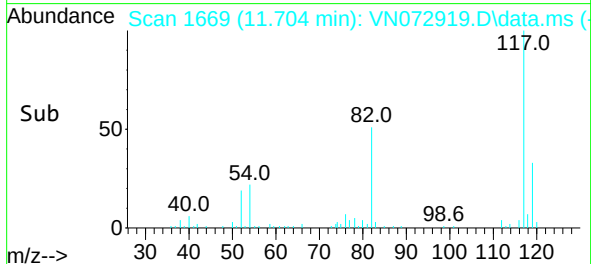
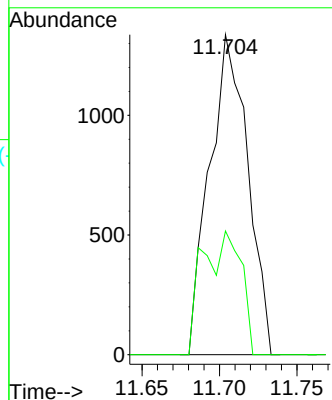
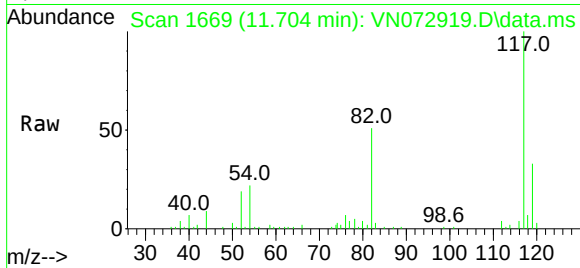




#65
Chlorobenzene
Concen: 0.263 ug/l
RT: 11.704 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VN072919.D
Acq: 17 Jun 2022 19:56

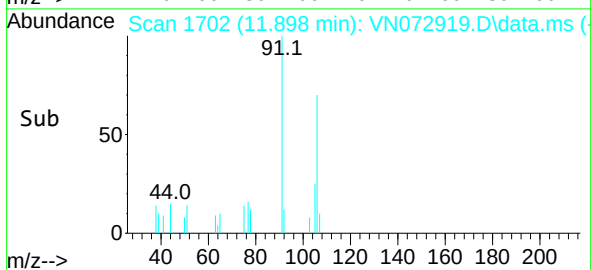
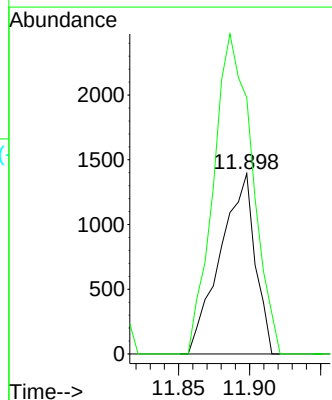
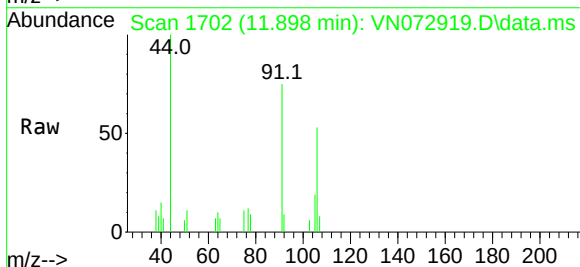
Instrument :
MSVOA_N
ClientSampleId :
VIBLK

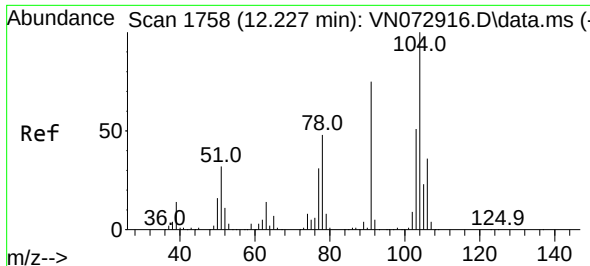
Tgt Ion:112 Resp: 2290
Ion Ratio Lower Upper
112 100
114 38.7 25.4 38.2#



#68
m/p-Xylenes
Concen: 0.396 ug/l
RT: 11.898 min Scan# 1702
Delta R.T. 0.012 min
Lab File: VN072919.D
Acq: 17 Jun 2022 19:56

Tgt Ion:106 Resp: 2375
Ion Ratio Lower Upper
106 100
91 197.2 158.9 238.3

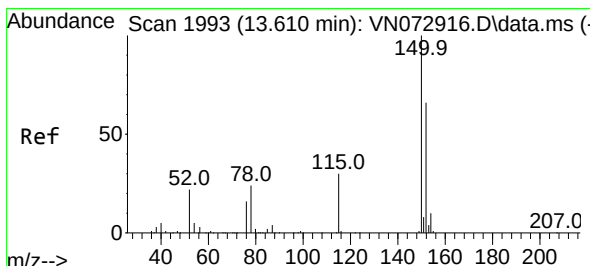
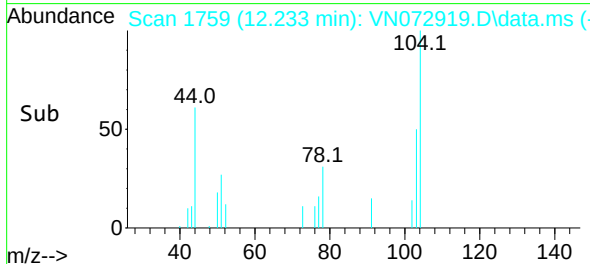
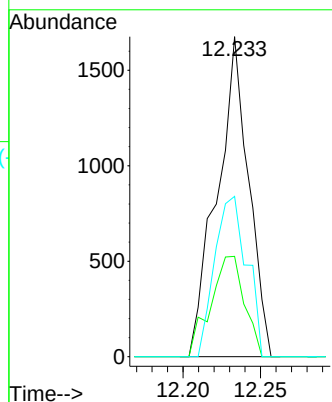
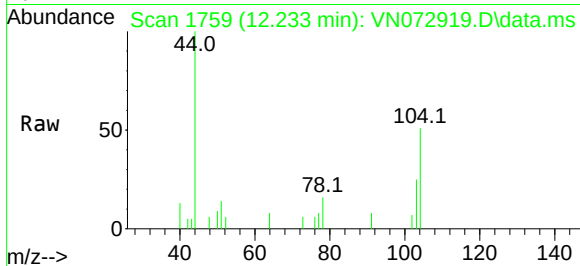




#70
Styrene
Concen: 0.246 ug/l
RT: 12.233 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN072919.D
Acq: 17 Jun 2022 19:56

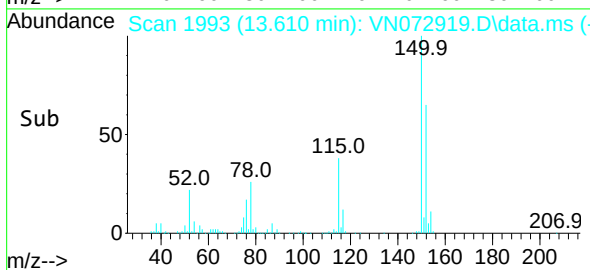
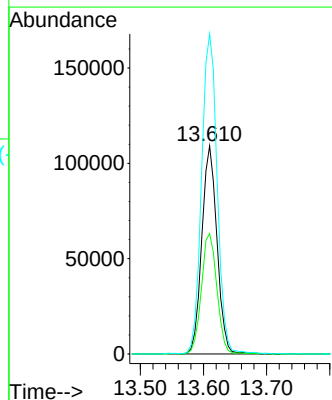
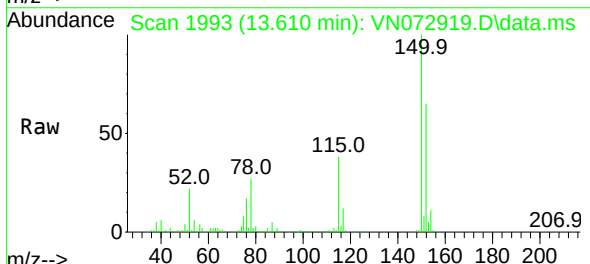
Instrument :
MSVOA_N
ClientSampleId :
VIBLK

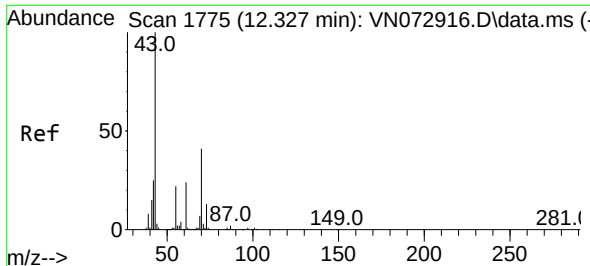
Tgt Ion:104 Resp: 2373
Ion Ratio Lower Upper
104 100
78 33.6 39.5 59.3#
103 51.0 44.0 66.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.610 min Scan# 1993
Delta R.T. 0.000 min
Lab File: VN072919.D
Acq: 17 Jun 2022 19:56

Tgt Ion:152 Resp: 182634
Ion Ratio Lower Upper
152 100
115 59.0 28.9 86.7
150 157.6 0.0 356.2

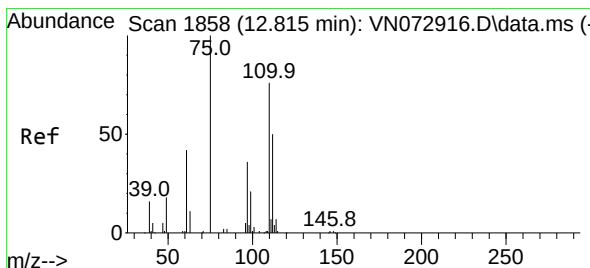
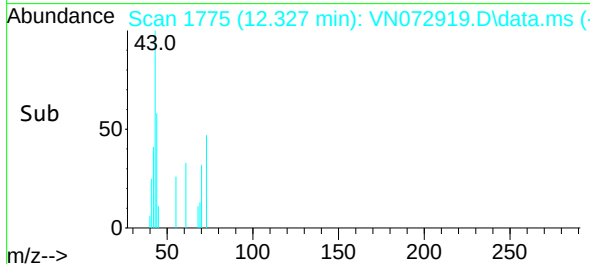
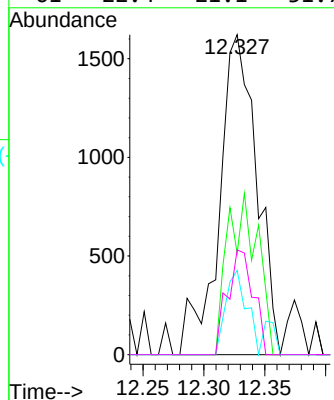
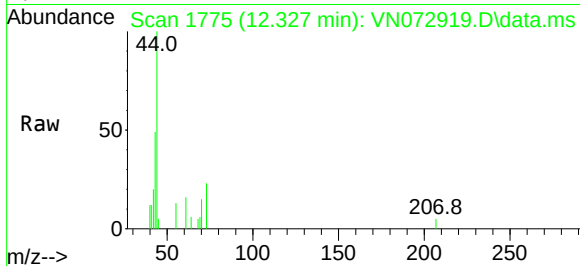




#74
N-ethyl acetate
Concen: 0.476 ug/l
RT: 12.327 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN072919.D
Acq: 17 Jun 2022 19:56

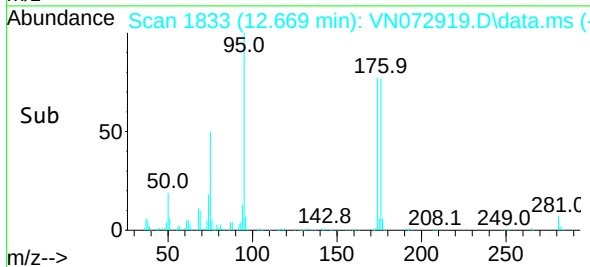
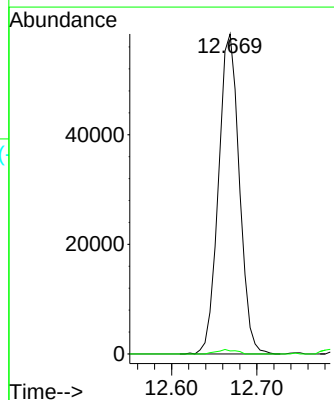
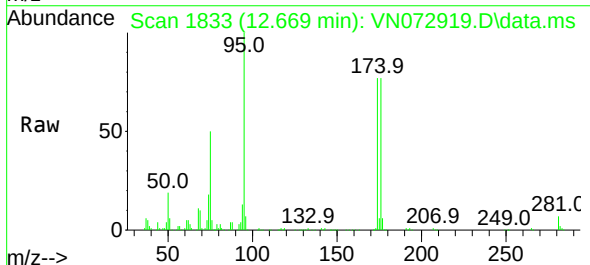
Instrument :
MSVOA_N
ClientSampleId :
VIBLK

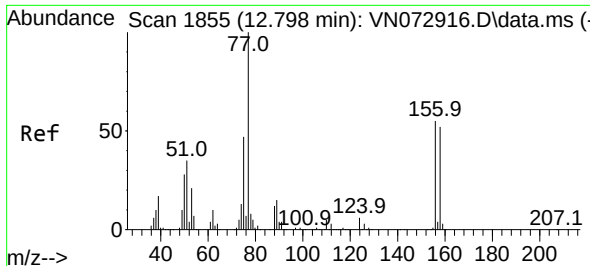
Tgt Ion: 43	Resp: 3491
Ion Ratio	Lower Upper
43 100	
70 40.3	39.0 58.4
55 14.7	21.1 31.7#
61 22.4	21.1 31.7



#76
1,2,3-Trichloropropane
Concen: 22.412 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.147 min
Lab File: VN072919.D
Acq: 17 Jun 2022 19:56

Tgt Ion: 75	Resp: 99238
Ion Ratio	Lower Upper
75 100	
77 1.3	98.5 295.5#

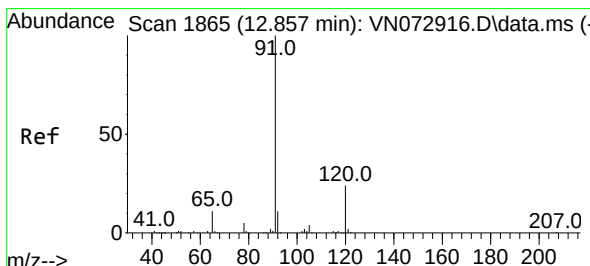
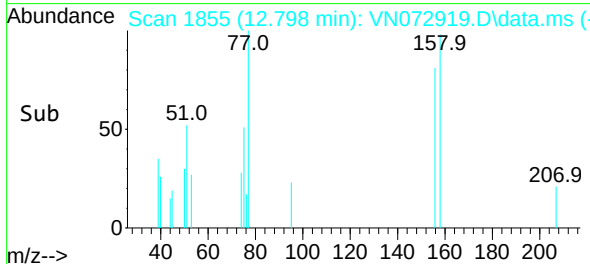
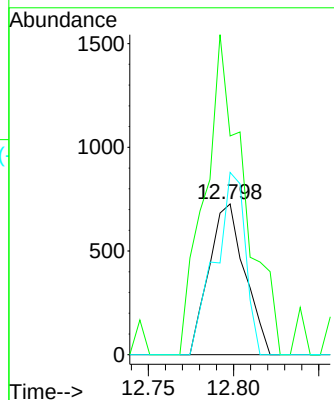
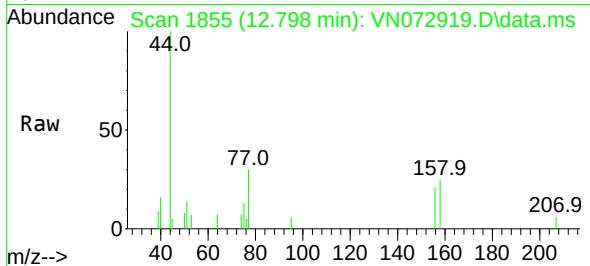




#77
Bromobenzene
Concen: 0.314 ug/l
RT: 12.798 min Scan# 1855
Delta R.T. 0.000 min
Lab File: VN072919.D
Acq: 17 Jun 2022 19:56

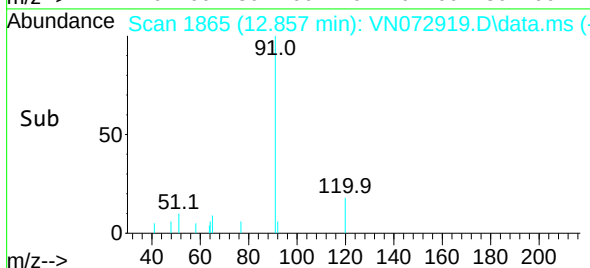
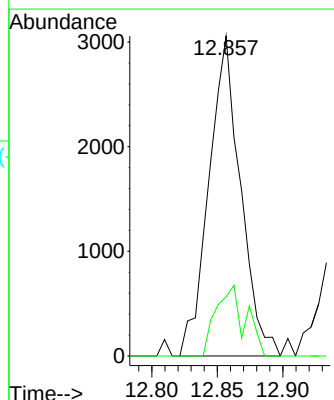
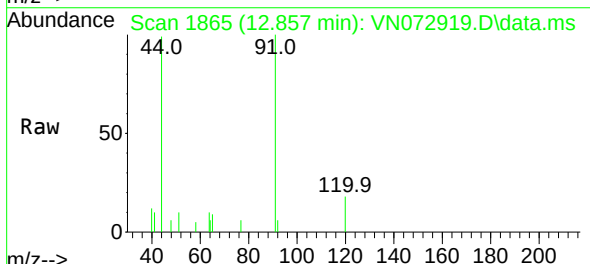
Instrument :
MSVOA_N
ClientSampleId :
VIBLK

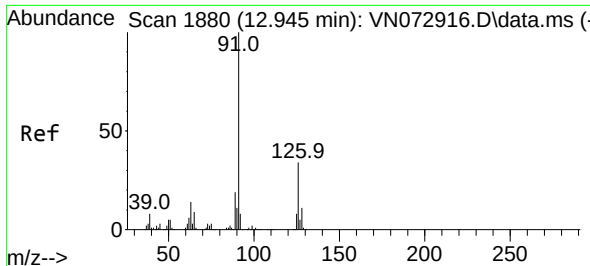
Tgt Ion	Ratio	Lower	Upper
156	100		
77	232.5	100.5	301.5
158	102.3	48.9	146.6



#78
n-propylbenzene
Concen: 0.331 ug/l
RT: 12.857 min Scan# 1865
Delta R.T. 0.000 min
Lab File: VN072919.D
Acq: 17 Jun 2022 19:56

Tgt Ion	Ratio	Lower	Upper
91	100		
120	20.3	11.9	35.5

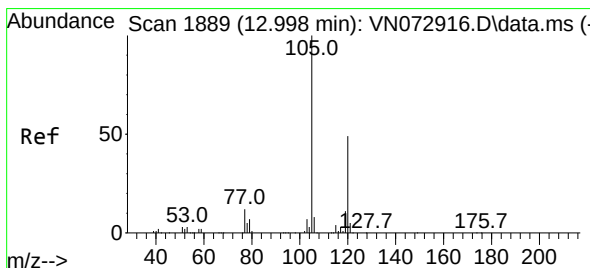
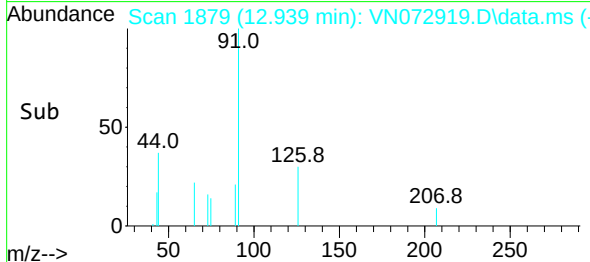
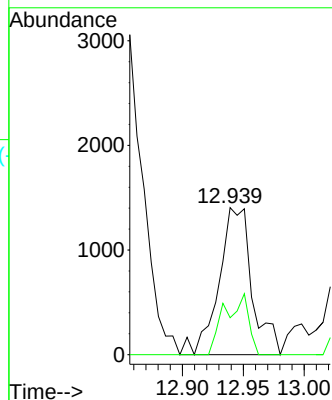
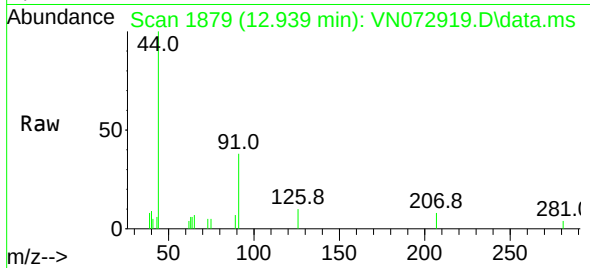




#79
2-Chlorotoluene
Concen: 0.266 ug/l
RT: 12.939 min Scan# 1880
Delta R.T. -0.006 min
Lab File: VN072919.D
Acq: 17 Jun 2022 19:56

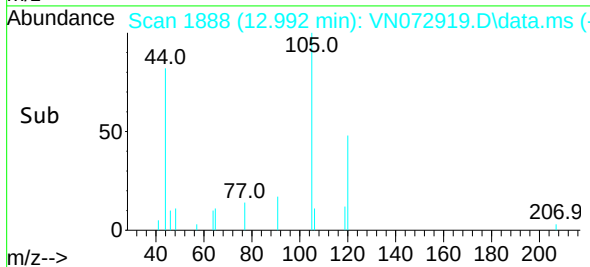
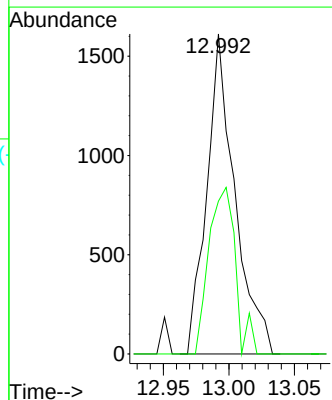
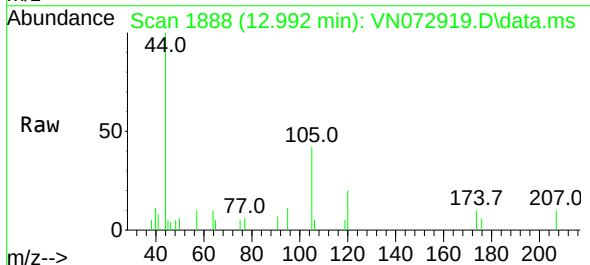
Instrument :
MSVOA_N
ClientSampleId :
VIBLK

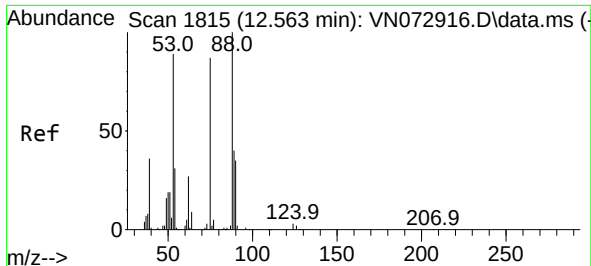
Tgt Ion: 91 Resp: 2676
Ion Ratio Lower Upper
91 100
126 29.7 17.3 51.9



#80
1,3,5-Trimethylbenzene
Concen: 0.207 ug/l
RT: 12.992 min Scan# 1888
Delta R.T. -0.006 min
Lab File: VN072919.D
Acq: 17 Jun 2022 19:56

Tgt Ion: 105 Resp: 2400
Ion Ratio Lower Upper
105 100
120 49.1 24.9 74.7

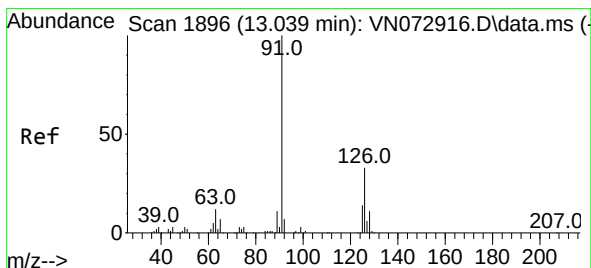
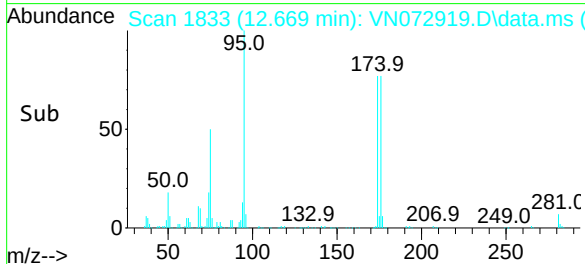
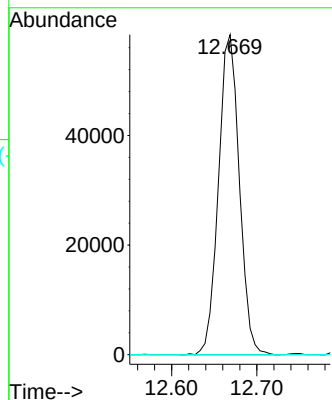
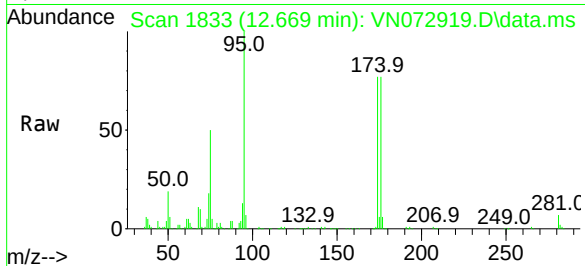




#81
trans-1,4-Dichloro-2-butene
Concen: 60.526 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. 0.106 min
Lab File: VN072919.D
Acq: 17 Jun 2022 19:56

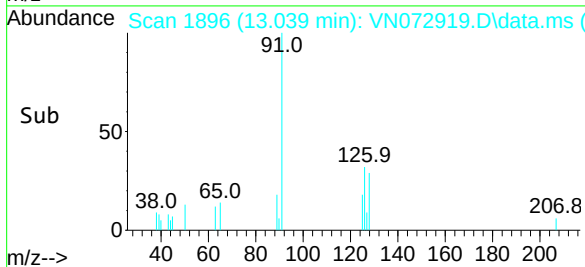
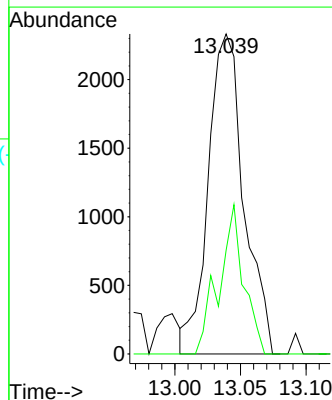
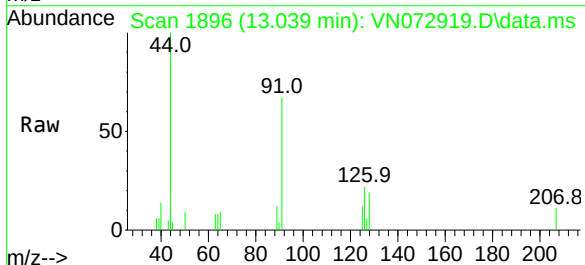
Instrument :
MSVOA_N
ClientSampleId :
VIBLK

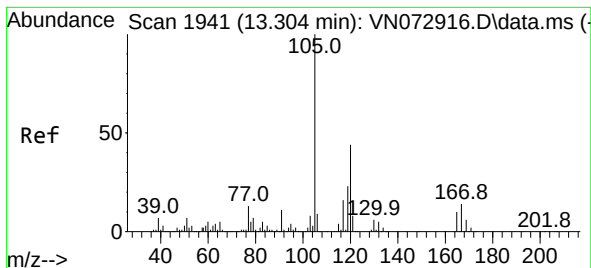
Tgt Ion: 75 Resp: 99238
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#



#82
4-Chlorotoluene
Concen: 0.462 ug/l
RT: 13.039 min Scan# 1896
Delta R.T. 0.000 min
Lab File: VN072919.D
Acq: 17 Jun 2022 19:56

Tgt Ion: 91 Resp: 4398
Ion Ratio Lower Upper
91 100
126 32.5 17.2 51.6





#84

1,2,4-Trimethylbenzene

Concen: 0.279 ug/l

RT: 13.304 min Scan# 1941

Delta R.T. 0.000 min

Lab File: VN072919.D

Acq: 17 Jun 2022 19:56

Instrument :

MSVOA_N

ClientSampleId :

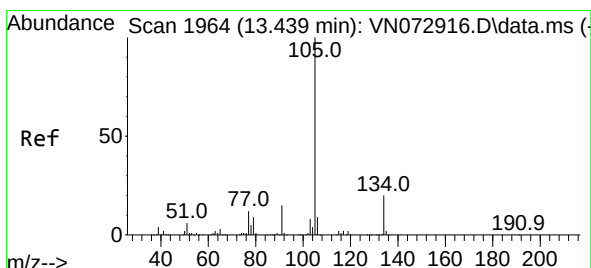
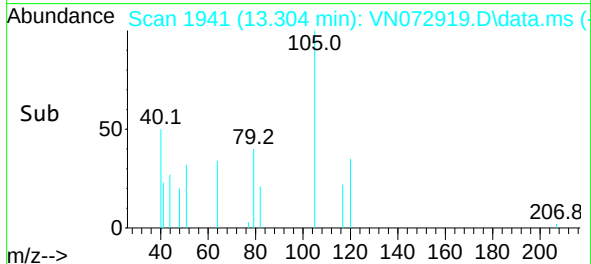
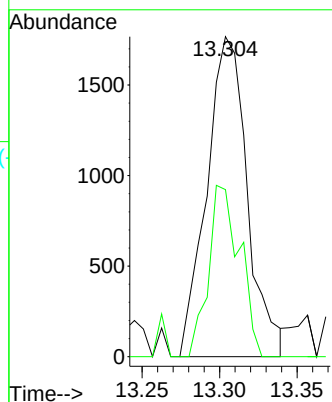
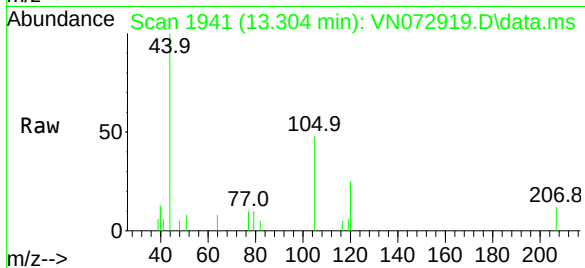
VIBLK

Tgt Ion:105 Resp: 3223

Ion Ratio Lower Upper

105 100

120 41.2 23.3 69.8



#85

sec-Butylbenzene

Concen: 0.214 ug/l

RT: 13.433 min Scan# 1963

Delta R.T. -0.006 min

Lab File: VN072919.D

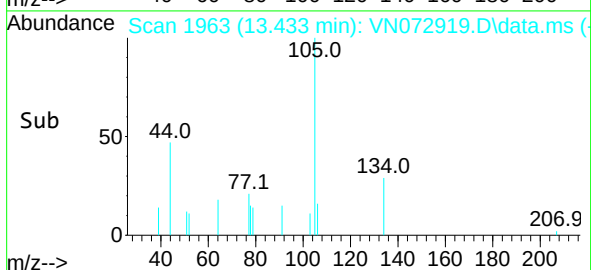
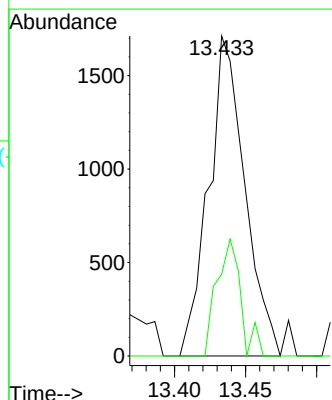
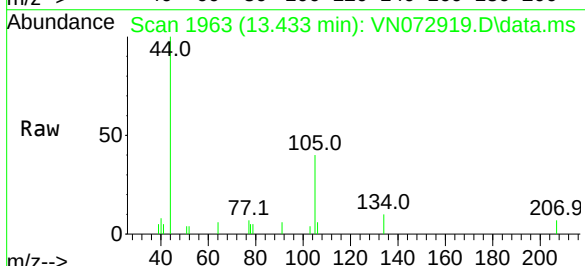
Acq: 17 Jun 2022 19:56

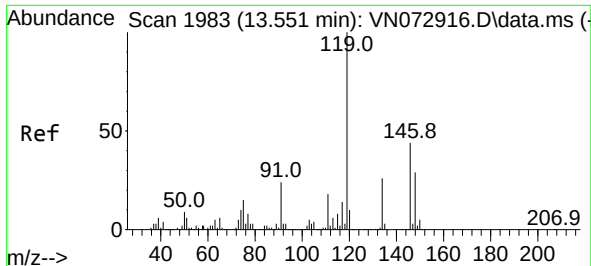
Tgt Ion:105 Resp: 3036

Ion Ratio Lower Upper

105 100

134 24.0 10.4 31.1

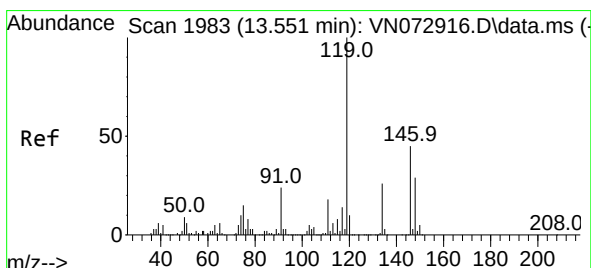
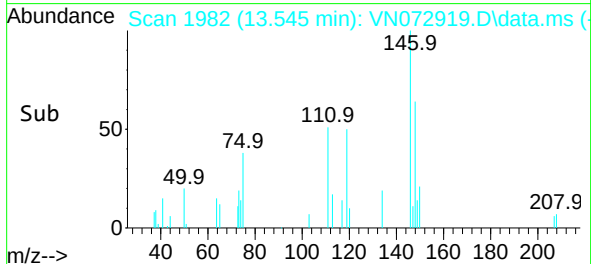
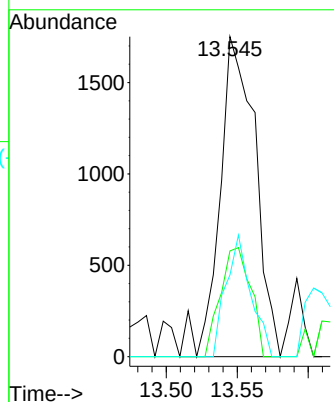
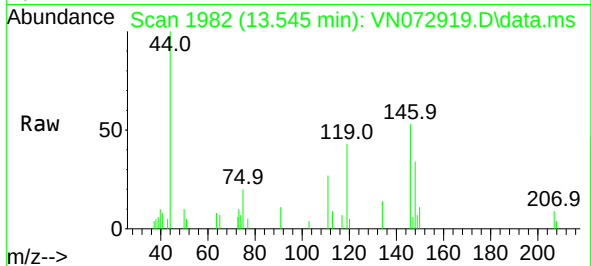




#86
p-Isopropyltoluene
Concen: 0.266 ug/l
RT: 13.545 min Scan# 1982
Delta R.T. -0.006 min
Lab File: VN072919.D
Acq: 17 Jun 2022 19:56

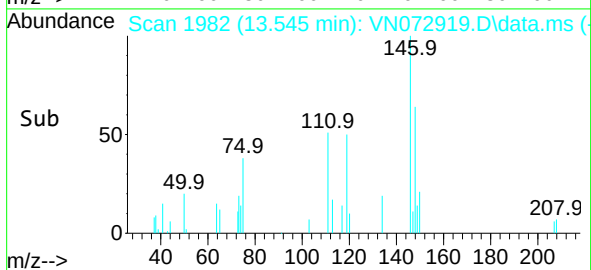
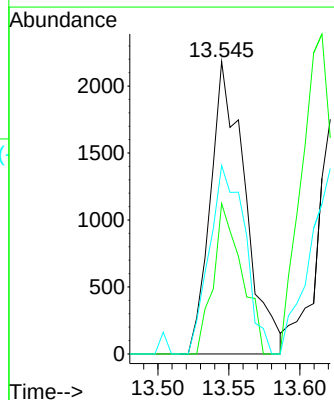
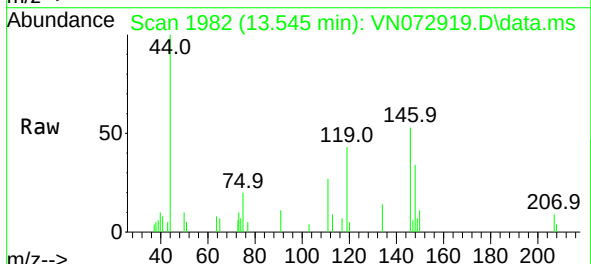
Instrument :
MSVOA_N
ClientSampleId :
VIBLK

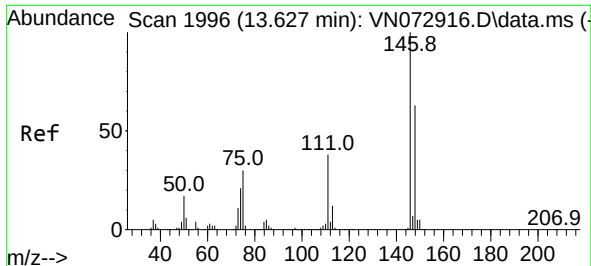
Tgt Ion:	119	Resp:	3052
Ion Ratio	Lower	Upper	
119	100		
134	28.9	13.3	39.8
91	26.6	11.3	33.9



#87
1,3-Dichlorobenzene
Concen: 0.609 ug/l
RT: 13.545 min Scan# 1982
Delta R.T. -0.006 min
Lab File: VN072919.D
Acq: 17 Jun 2022 19:56

Tgt Ion:	146	Resp:	3683
Ion Ratio	Lower	Upper	
146	100		
111	42.5	20.0	60.0
148	66.2	32.0	96.0

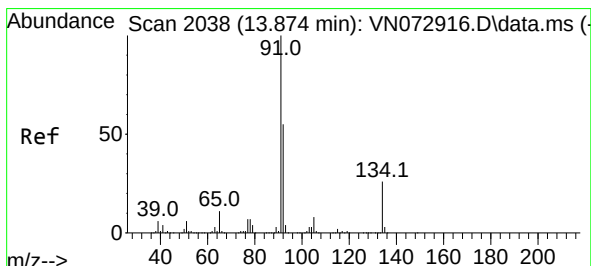
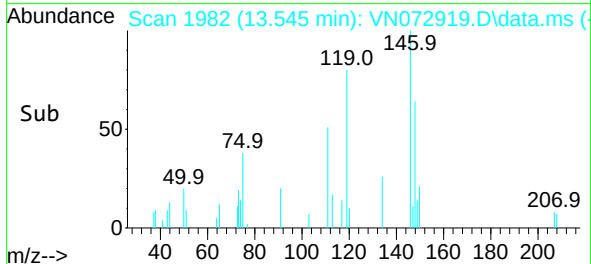
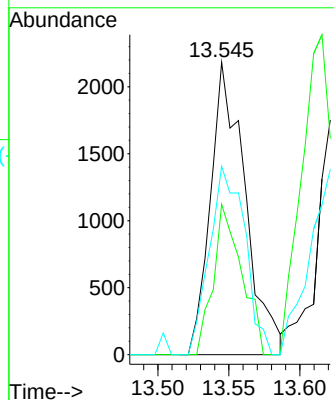
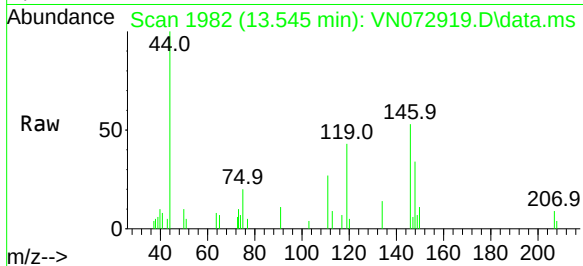




#88
1,4-Dichlorobenzene
Concen: 0.602 ug/l
RT: 13.545 min Scan# 1996
Delta R.T. -0.082 min
Lab File: VN072919.D
Acq: 17 Jun 2022 19:56

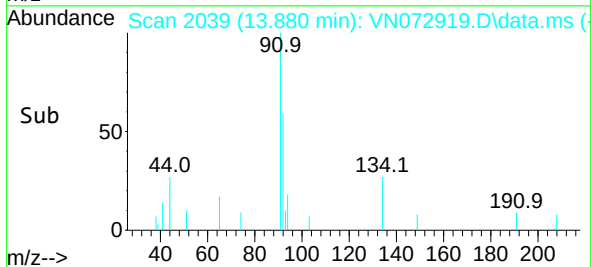
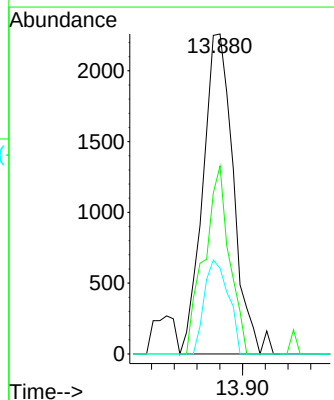
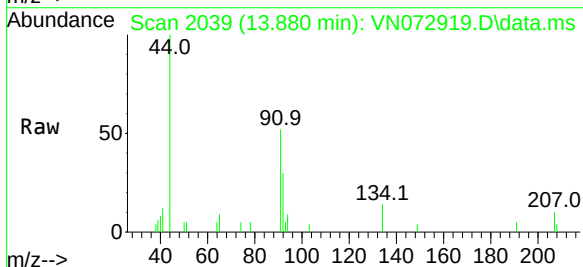
Instrument :
MSVOA_N
ClientSampleId :
VIBLK

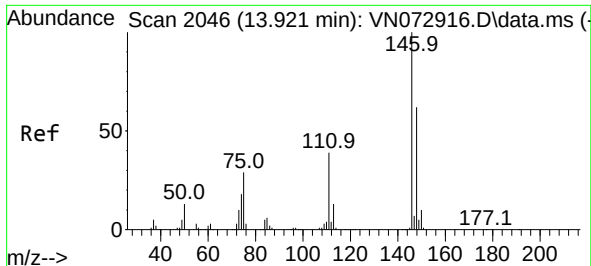
Tgt Ion:146 Resp: 3683
Ion Ratio Lower Upper
146 100
111 42.5 19.1 57.1
148 66.2 31.4 94.3



#89
n-Butylbenzene
Concen: 0.450 ug/l
RT: 13.880 min Scan# 2039
Delta R.T. 0.006 min
Lab File: VN072919.D
Acq: 17 Jun 2022 19:56

Tgt Ion: 91 Resp: 4222
Ion Ratio Lower Upper
91 100
92 48.1 26.9 80.7
134 23.1 13.6 40.8

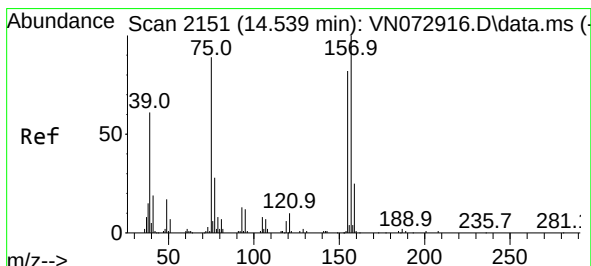
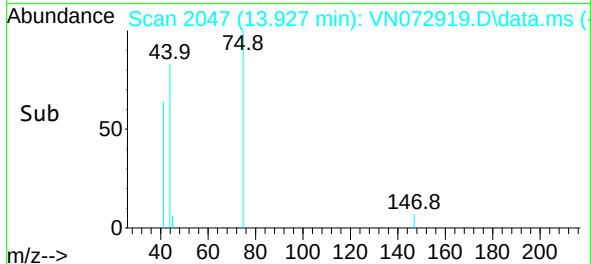
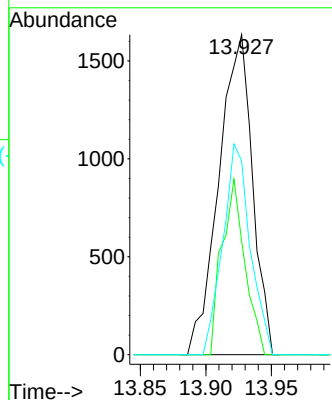
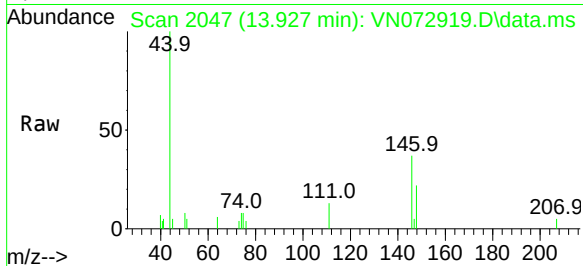




#91
1,2-Dichlorobenzene
Concen: 0.461 ug/l
RT: 13.927 min Scan# 2046
Delta R.T. 0.006 min
Lab File: VN072919.D
Acq: 17 Jun 2022 19:56

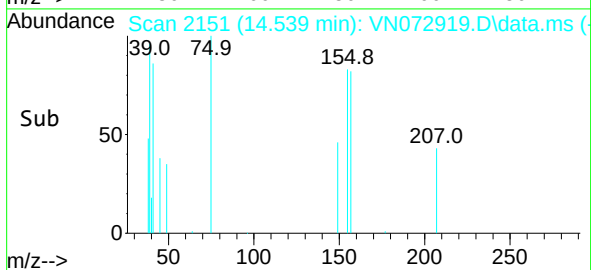
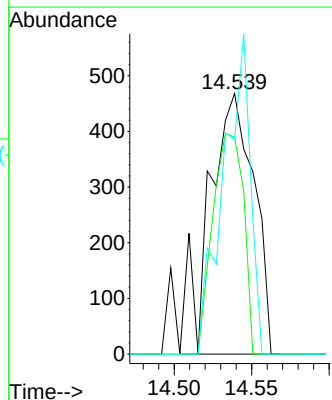
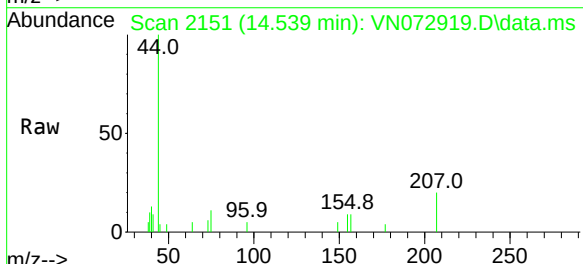
Instrument :
MSVOA_N
ClientSampleId :
VIBLK

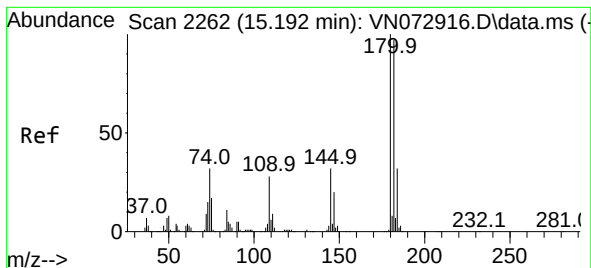
Tgt Ion:146 Resp: 2908
Ion Ratio Lower Upper
146 100
111 37.5 20.9 62.8
148 53.9 32.1 96.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.654 ug/l
RT: 14.539 min Scan# 2151
Delta R.T. -0.000 min
Lab File: VN072919.D
Acq: 17 Jun 2022 19:56

Tgt Ion: 75 Resp: 944
Ion Ratio Lower Upper
75 100
155 57.6 44.9 134.5
157 73.0 59.0 176.8





#93

1,2,4-Trichlorobenzene

Concen: 1.555 ug/l

RT: 15.192 min Scan# 2262

Delta R.T. 0.000 min

Lab File: VN072919.D

Acq: 17 Jun 2022 19:56

Instrument :

MSVOA_N

ClientSampleId :

VIBLK

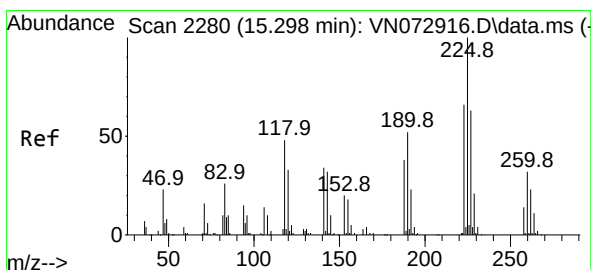
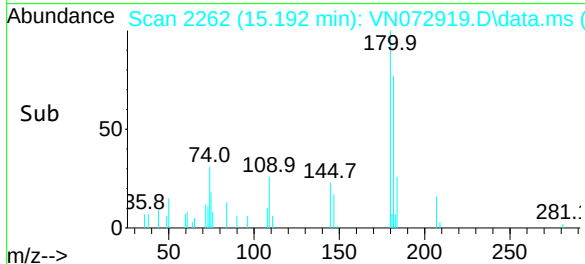
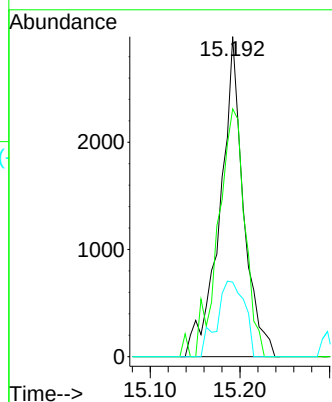
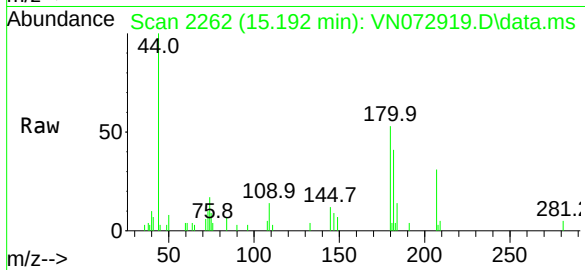
Tgt Ion:180 Resp: 5424

Ion Ratio Lower Upper

180 100

182 88.6 47.5 142.5

145 27.7 14.5 43.5



#94

Hexachlorobutadiene

Concen: 0.499 ug/l

RT: 15.298 min Scan# 2280

Delta R.T. 0.000 min

Lab File: VN072919.D

Acq: 17 Jun 2022 19:56

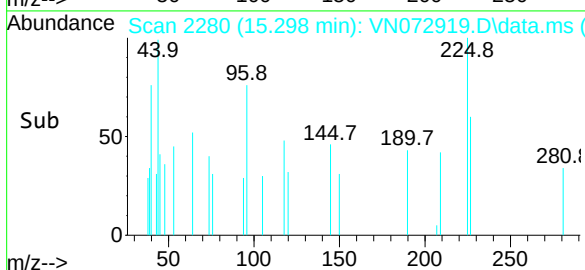
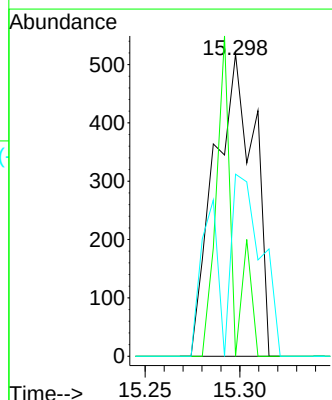
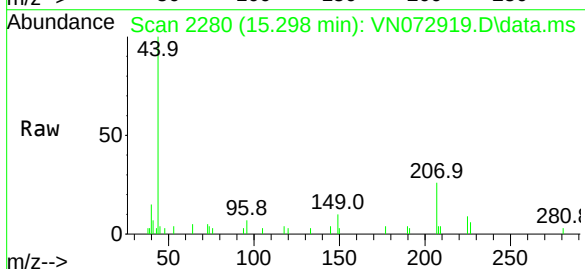
Tgt Ion:225 Resp: 757

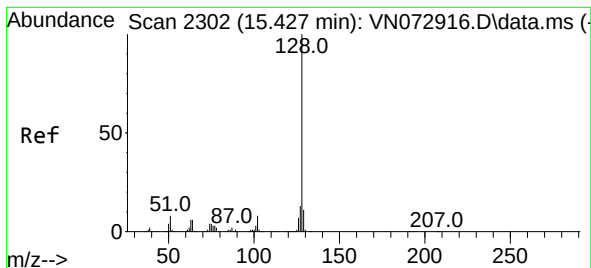
Ion Ratio Lower Upper

225 100

223 43.6 32.4 97.2

227 44.8 31.8 95.4





#95

Naphthalene

Concen: 2.504 ug/l

RT: 15.433 min Scan# 2303

Delta R.T. 0.006 min

Lab File: VN072919.D

Acq: 17 Jun 2022 19:56

Instrument :

MSVOA_N

ClientSampleId :

VIBLK

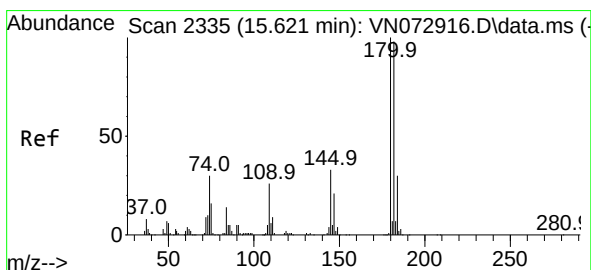
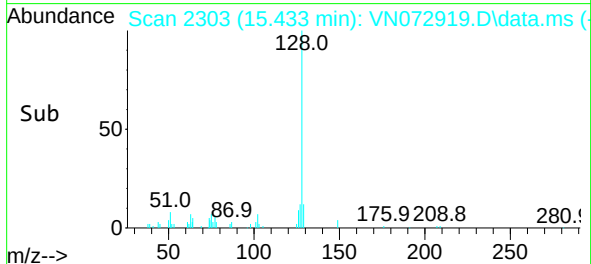
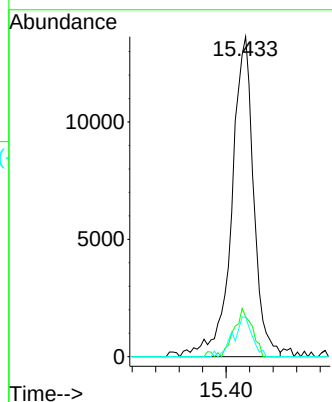
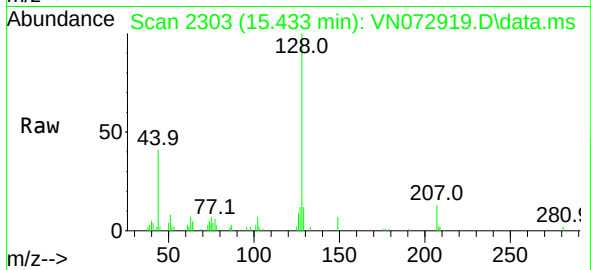
Tgt Ion:128 Resp: 35325

Ion Ratio Lower Upper

128 100

127 12.5 10.3 15.5

129 10.5 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 1.769 ug/l

RT: 15.621 min Scan# 2335

Delta R.T. 0.000 min

Lab File: VN072919.D

Acq: 17 Jun 2022 19:56

Tgt Ion:180 Resp: 6589

Ion Ratio Lower Upper

180 100

182 92.9 47.8 143.3

145 36.9 15.5 46.5

