

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042622\
 Data File : VN072204.D
 Acq On : 26 Apr 2022 17:14
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Apr 27 06:30:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042622W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 26 18:50:11 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	289123	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	534151	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	573645	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	199641	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	213479	48.095	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	96.200%
35) Dibromofluoromethane	8.022	113	163514	47.827	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	95.660%
50) Toluene-d8	10.439	98	691130	51.446	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	102.900%
62) 4-Bromofluorobenzene	12.727	95	259050	58.096	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	116.200%

Target Compounds			Qvalue			
2) Dichlorodifluoromethane	2.075	85	462	Below Cal	#	61
3) Chloromethane	2.305	50	2300	Below Cal	#	80
5) Bromomethane	2.881	94	2028	Below Cal		94
6) Chloroethane	2.993	64	718	Below Cal	#	42
10) Methyl Iodide	4.440	142	2658	0.733	ug/l	# 84
11) Tert butyl alcohol	5.310	59	1348	1.848	ug/l	# 72
13) Acrolein	4.046	56	862	1.174	ug/l	# 61
15) Acrylonitrile	5.569	53	3245	1.474	ug/l	# 87
16) Acetone	4.304	43	2763	1.444	ug/l	# 81
17) Carbon Disulfide	4.528	76	5575	1.215	ug/l	# 75
18) Methyl Acetate	4.857	43	4352	0.774	ug/l	# 56
21) trans-1,2-Dichloroethene	5.598	96	691	0.227	ug/l	# 83
23) Vinyl Acetate	6.434	43	2713	0.274	ug/l	# 68
25) 2-Butanone	7.334	43	1844	0.605	ug/l	# 91
29) Tetrahydrofuran	7.704	42	1665	0.832	ug/l	# 58
31) Cyclohexane	8.086	56	7347	1.239	ug/l	# 30
36) 1,1-Dichloropropene	8.210	75	1321	0.265	ug/l	# 41
38) Carbon Tetrachloride	8.081	117	30988	5.814	ug/l	# 16
41) Methacrylonitrile	7.634	41	824	0.246	ug/l	# 24
43) Isopropyl Acetate	8.604	43	7371	1.500	ug/l	# 53
44) Trichloroethene	9.216	130	1176	0.328	ug/l	# 82
46) Dibromomethane	9.575	93	603	0.231	ug/l	# 54
49) 1,4-Dioxane	9.557	88	355	4.629	ug/l	# 17
51) 4-Methyl-2-Pentanone	10.328	43	5820	0.933	ug/l	# 89
56) Ethyl methacrylate	10.763	69	1137	2.525	ug/l	# 85
58) 2-Chloroethyl Vinyl ether	10.033	63	67	17.767	ug/l	# 44
59) 2-Hexanone	11.086	43	12296	2.799	ug/l	# 90
65) Chlorobenzene	11.763	112	3324	0.287	ug/l	# 90
67) Ethyl Benzene	11.839	91	4113	0.203	ug/l	# 89
68) m/p-Xylenes	11.951	106	3450	0.460	ug/l	# 98
70) Styrene	12.292	104	3285	0.287	ug/l	# 93
71) Bromoform	12.457	173	691	0.213	ug/l	# 28
74) N-amyl acetate	12.386	43	6767	1.024	ug/l	# 88
75) 1,1,2,2-Tetrachloroethane	12.827	83	2075	Below Cal		94
76) 1,2,3-Trichloropropane	12.727	75	138310	30.838	ug/l	# 1
77) Bromobenzene	12.863	156	1904	0.457	ug/l	# 91

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042622\
 Data File : VN072204.D
 Acq On : 26 Apr 2022 17:14
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Apr 27 06:30:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042622W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 26 18:50:11 2022
 Response via : Initial Calibration

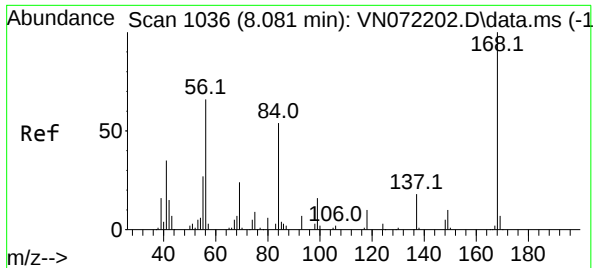
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

78) n-propylbenzene	12.916	91	7956	0.410	ug/l	98
79) 2-Chlorotoluene	13.010	91	4762	0.373	ug/l	85
80) 1,3,5-Trimethylbenzene	13.057	105	3485	0.237	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.727	75	138310	80.105	ug/l #	10
82) 4-Chlorotoluene	13.104	91	6087	0.513	ug/l	96
83) tert-Butylbenzene	13.321	119	2953	0.229	ug/l #	78
84) 1,2,4-Trimethylbenzene	13.374	105	4706	0.331	ug/l	89
85) sec-Butylbenzene	13.498	105	5768	0.343	ug/l	94
86) p-Isopropyltoluene	13.610	119	4848	0.370	ug/l #	87
87) 1,3-Dichlorobenzene	13.610	146	5316	0.788	ug/l	98
88) 1,4-Dichlorobenzene	13.610	146	5316	0.810	ug/l	99
89) n-Butylbenzene	13.939	91	10196	1.016	ug/l	97
91) 1,2-Dichlorobenzene	13.986	146	5188	0.780	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.598	75	1343	1.101	ug/l	81
93) 1,2,4-Trichlorobenzene	15.257	180	8135	4.937	ug/l	95
94) Hexachlorobutadiene	15.362	225	1539	0.863	ug/l	77
95) Naphthalene	15.504	128	34204	7.323	ug/l	98
96) 1,2,3-Trichlorobenzene	15.692	180	10028	5.771	ug/l	95

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

Quant Time: Apr 27 06:30:09 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042622W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 26 18:50:11 2022
Response via : Initial Calibration

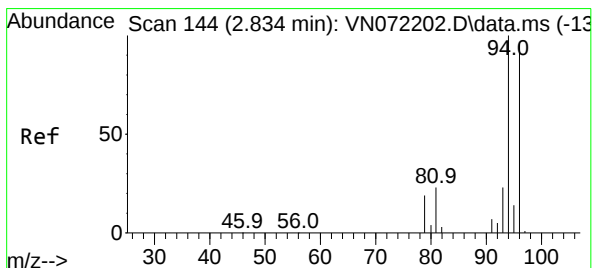
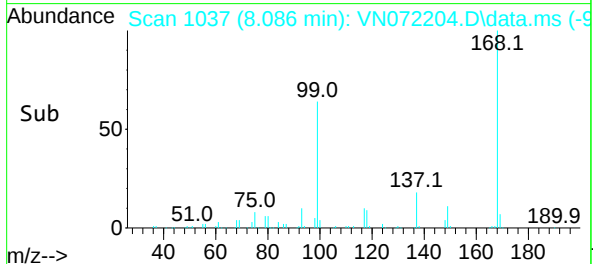
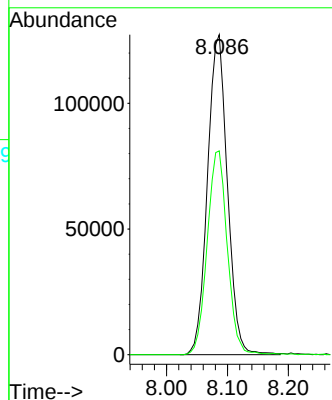
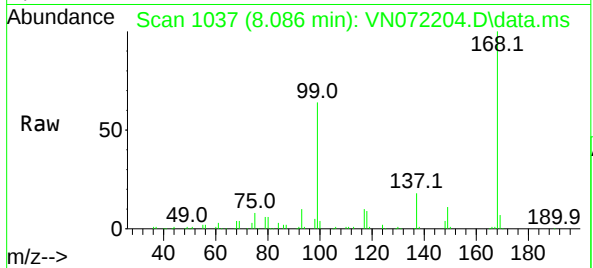




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 11
Delta R.T. 0.005 min
Lab File: VN072204.D
Acq: 26 Apr 2022 17:14

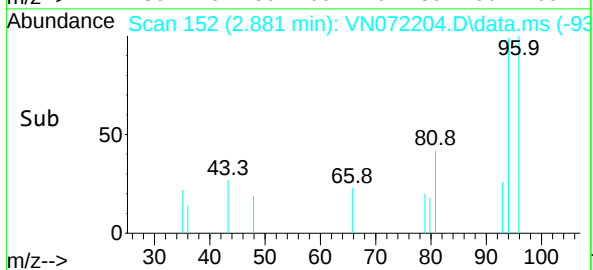
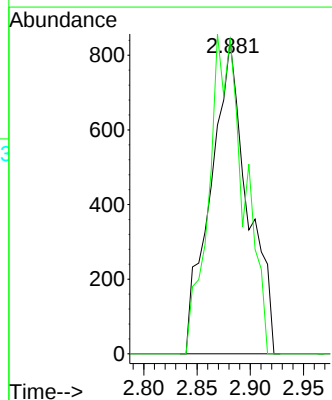
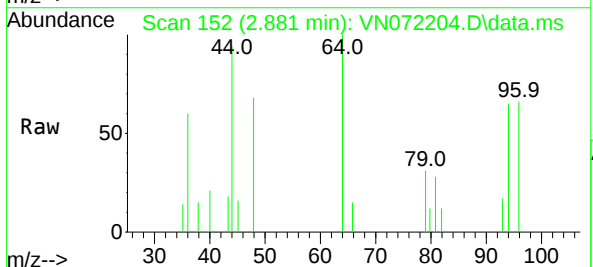
Instrument :
MSVOA_N
ClientSampleId :
IBLK

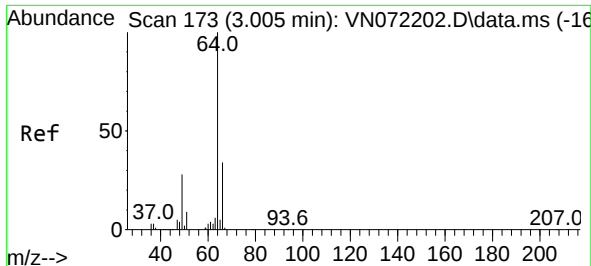
Tgt Ion:168 Resp: 289123
Ion Ratio Lower Upper
168 100
99 63.7 42.3 63.5#



#5
Bromomethane
Concen: Below Cal
RT: 2.881 min Scan# 152
Delta R.T. 0.047 min
Lab File: VN072204.D
Acq: 26 Apr 2022 17:14

Tgt Ion: 94 Resp: 2028
Ion Ratio Lower Upper
94 100
96 100.7 76.0 114.0

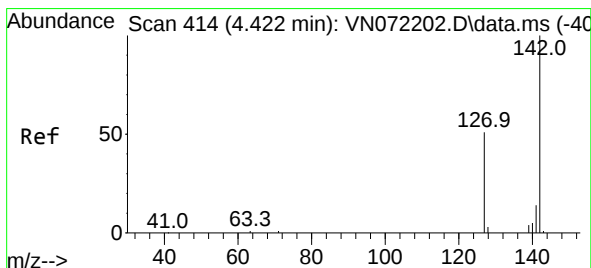
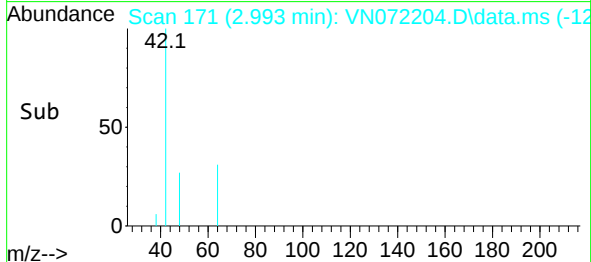
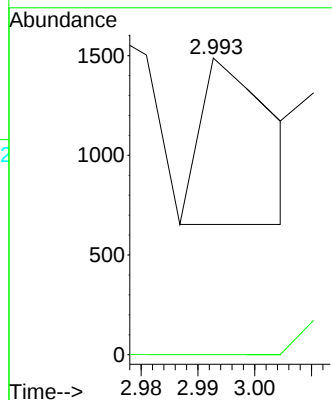
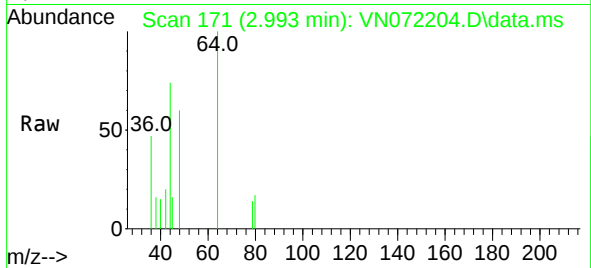




#6
Chloroethane
Concen: Below Cal
RT: 2.993 min Scan# 11
Delta R.T. -0.012 min
Lab File: VN072204.D
Acq: 26 Apr 2022 17:14

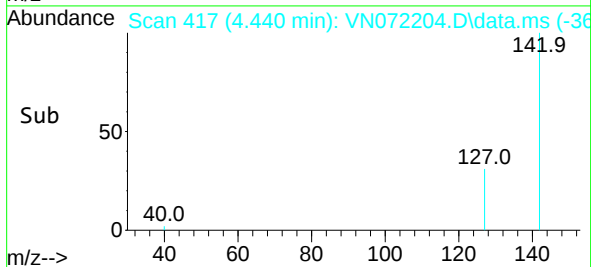
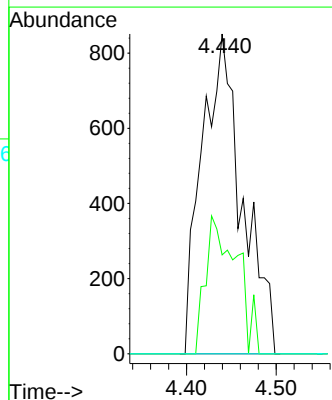
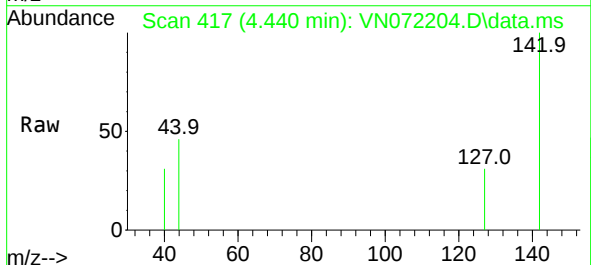
Instrument :
MSVOA_N
ClientSampleId :
IBLK

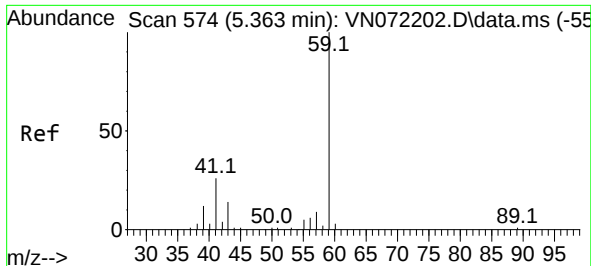
Tgt Ion: 64 Resp: 718
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#



#10
Methyl Iodide
Concen: 0.733 ug/l
RT: 4.440 min Scan# 417
Delta R.T. 0.018 min
Lab File: VN072204.D
Acq: 26 Apr 2022 17:14

Tgt Ion: 142 Resp: 2658
Ion Ratio Lower Upper
142 100
127 33.6 31.3 46.9
141 0.0 11.2 16.8#

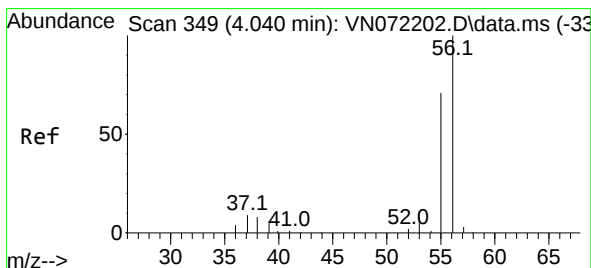
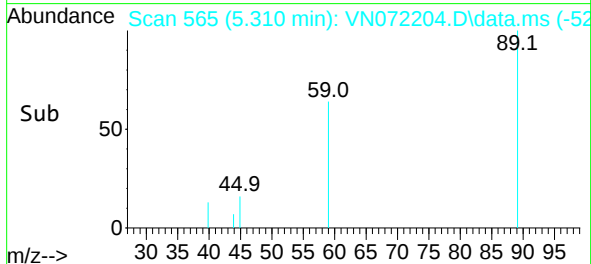
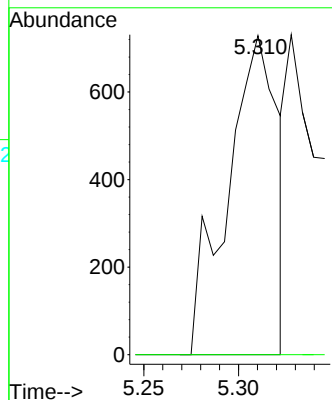
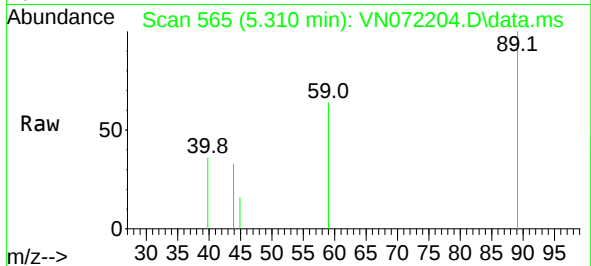




#11
Tert butyl alcohol
Concen: 1.848 ug/l
RT: 5.310 min Scan# 50
Delta R.T. -0.053 min
Lab File: VN072204.D
Acq: 26 Apr 2022 17:14

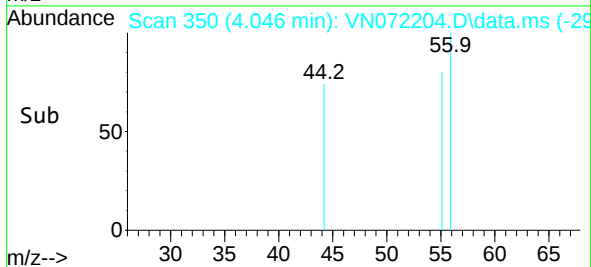
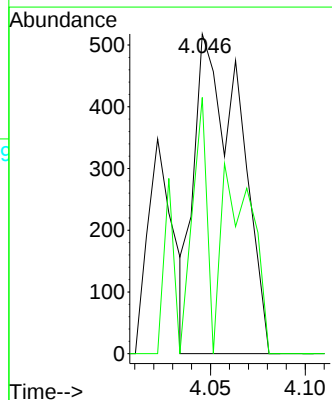
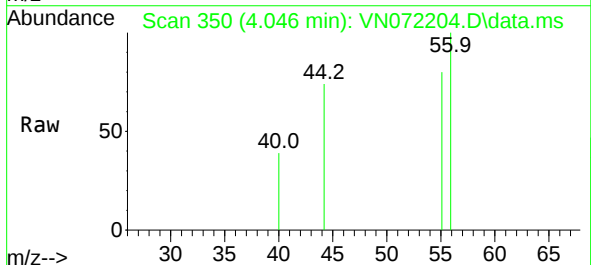
Instrument :
MSVOA_N
ClientSampleId :
IBLK

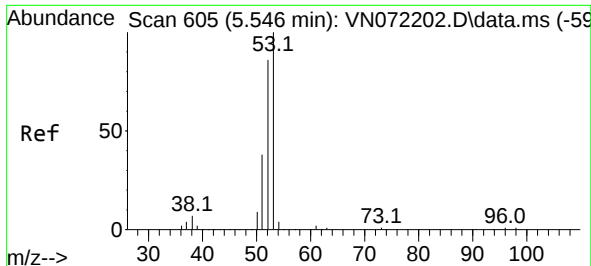
Tgt Ion: 59 Resp: 1348
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#13
Acrolein
Concen: 1.174 ug/l
RT: 4.046 min Scan# 350
Delta R.T. 0.006 min
Lab File: VN072204.D
Acq: 26 Apr 2022 17:14

Tgt Ion: 56 Resp: 862
Ion Ratio Lower Upper
56 100
55 37.2 54.8 82.2#

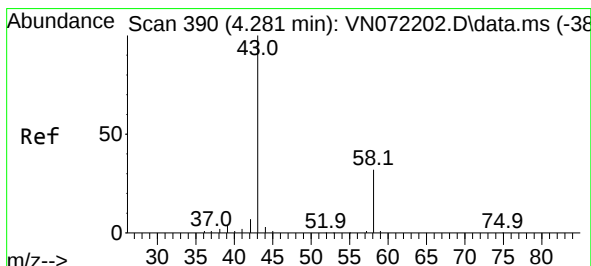
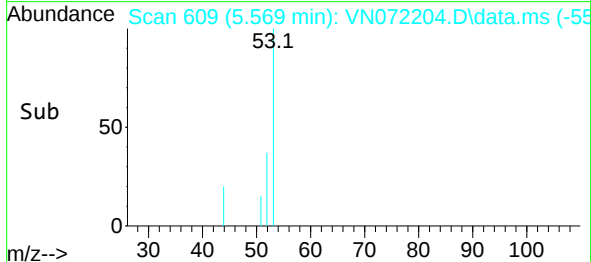
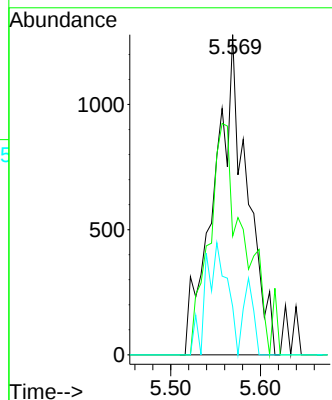
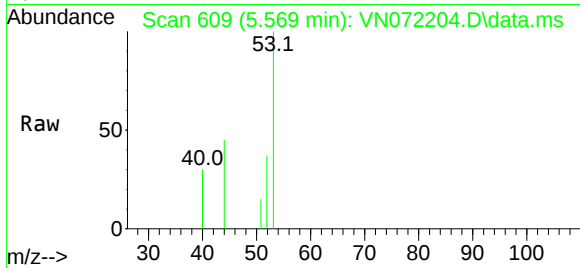




#15
Acrylonitrile
Concen: 1.474 ug/l
RT: 5.569 min Scan# 605
Delta R.T. 0.023 min
Lab File: VN072204.D
Acq: 26 Apr 2022 17:14

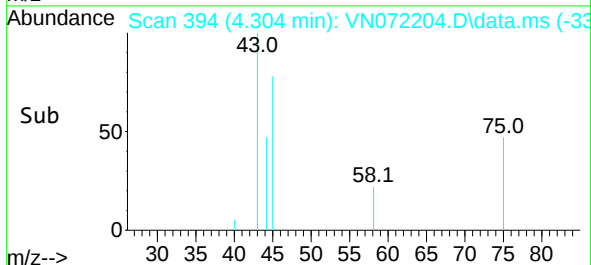
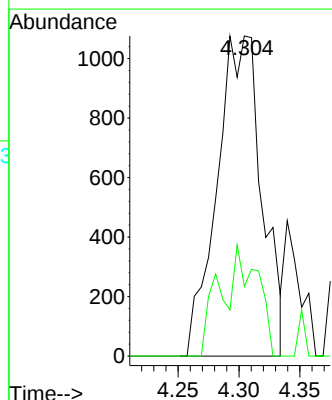
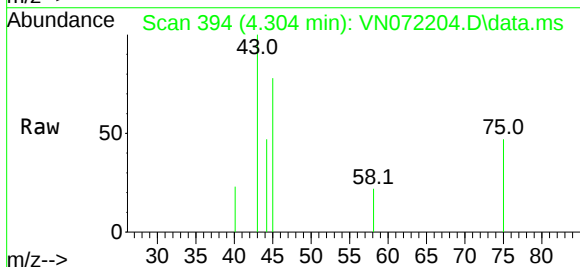
Instrument :
MSVOA_N
ClientSampleId :
IBLK

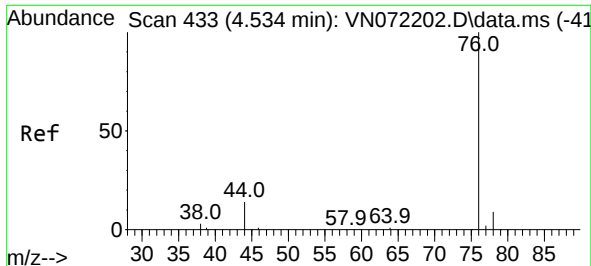
Tgt Ion: 53 Resp: 3245
Ion Ratio Lower Upper
53 100
52 74.9 66.4 99.6
51 22.6 28.5 42.7#



#16
Acetone
Concen: 1.444 ug/l
RT: 4.304 min Scan# 394
Delta R.T. 0.023 min
Lab File: VN072204.D
Acq: 26 Apr 2022 17:14

Tgt Ion: 43 Resp: 2763
Ion Ratio Lower Upper
43 100
58 21.7 26.0 39.0#





#17

Carbon Disulfide

Concen: 1.215 ug/l

RT: 4.528 min Scan# 41

Delta R.T. -0.006 min

Lab File: VN072204.D

Acq: 26 Apr 2022 17:14

Instrument :

MSVOA_N

ClientSampleId :

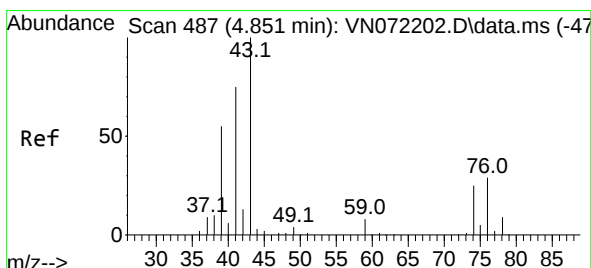
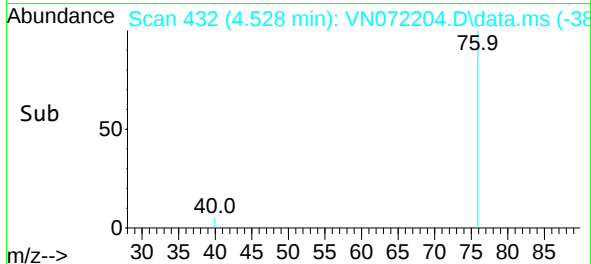
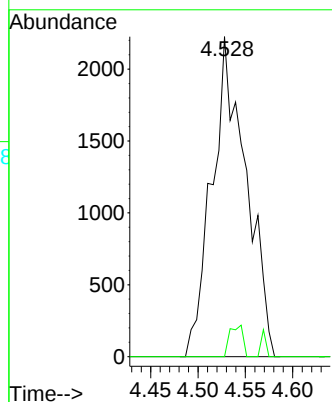
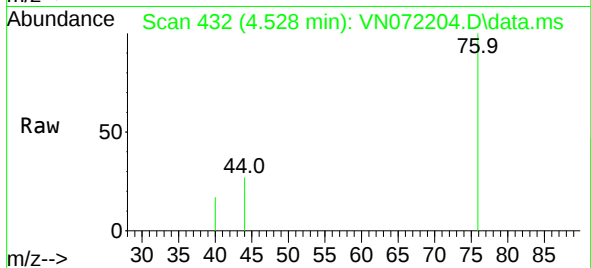
IBLK

Tgt Ion: 76 Resp: 5575

Ion Ratio Lower Upper

76 100

78 0.0 7.2 10.8#



#18

Methyl Acetate

Concen: 0.774 ug/l

RT: 4.857 min Scan# 488

Delta R.T. 0.006 min

Lab File: VN072204.D

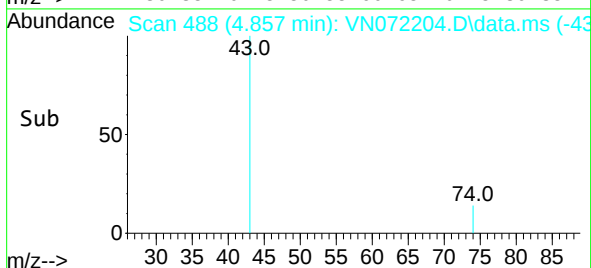
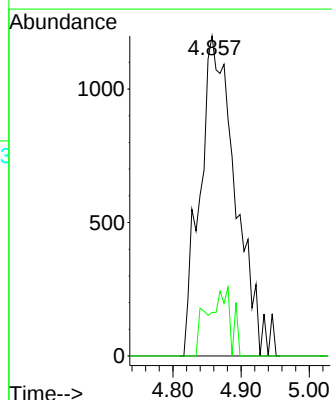
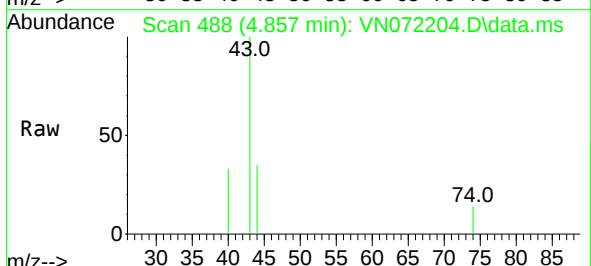
Acq: 26 Apr 2022 17:14

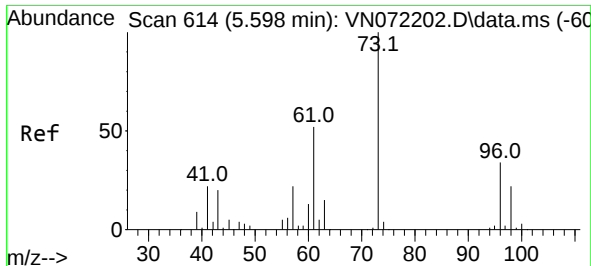
Tgt Ion: 43 Resp: 4352

Ion Ratio Lower Upper

43 100

74 4.0 21.6 32.4#





#21

trans-1,2-Dichloroethene

Concen: 0.227 ug/l

RT: 5.598 min Scan# 61

Delta R.T. 0.000 min

Lab File: VN072204.D

Acq: 26 Apr 2022 17:14

Instrument :

MSVOA_N

ClientSampleId :

IBLK

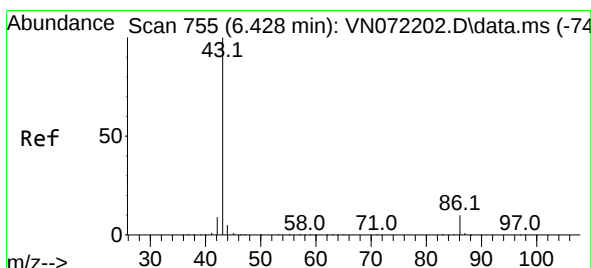
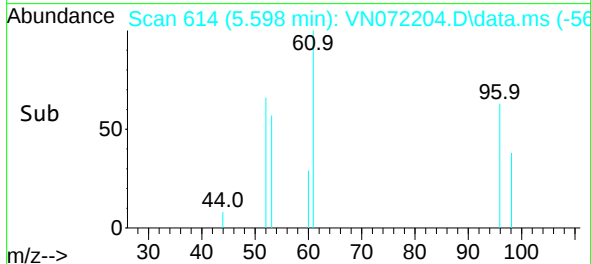
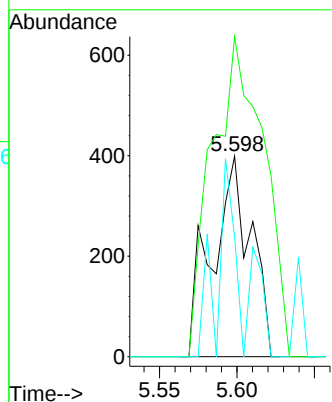
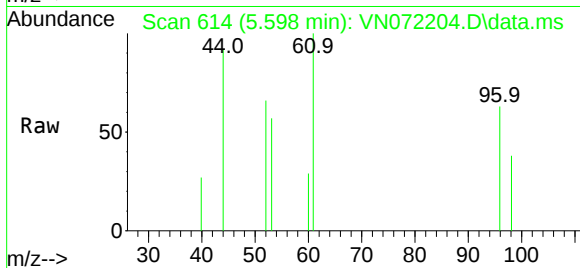
Tgt Ion: 96 Resp: 691

Ion Ratio Lower Upper

96 100

61 159.6 105.8 158.8#

98 59.9 50.3 75.5



#23

Vinyl Acetate

Concen: 0.274 ug/l

RT: 6.434 min Scan# 756

Delta R.T. 0.006 min

Lab File: VN072204.D

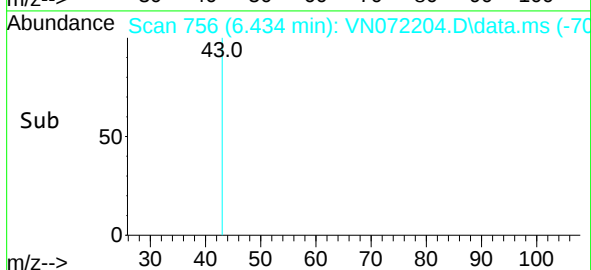
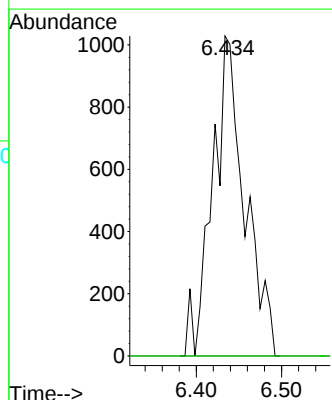
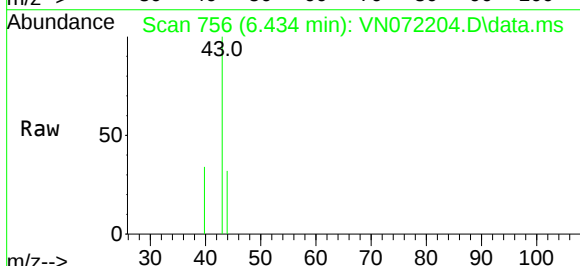
Acq: 26 Apr 2022 17:14

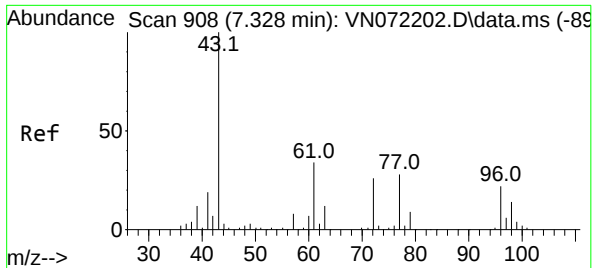
Tgt Ion: 43 Resp: 2713

Ion Ratio Lower Upper

43 100

86 0.0 10.0 15.0#

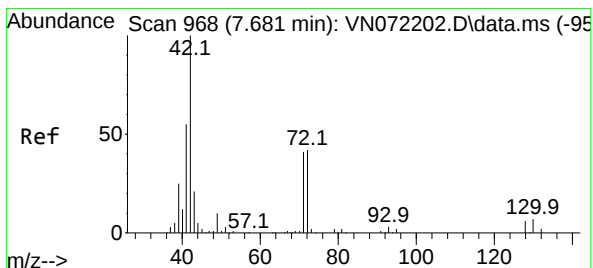
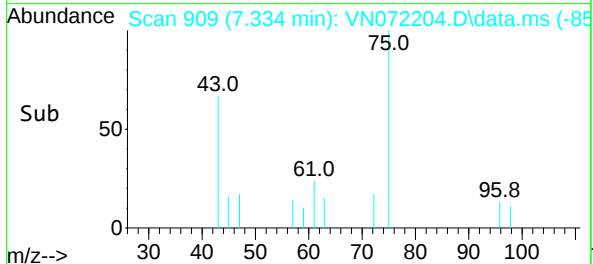
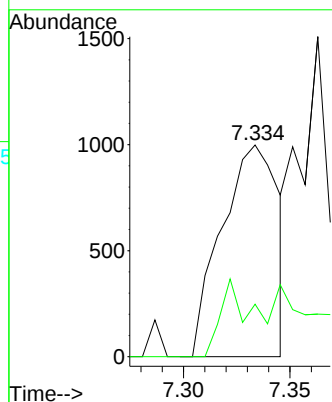
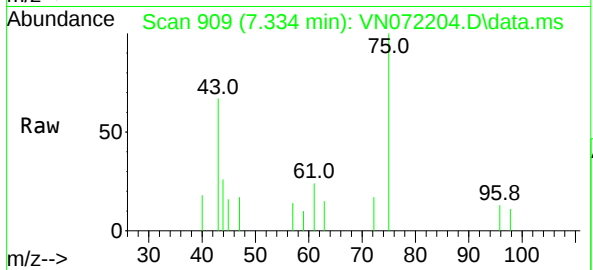




#25
2-Butanone
Concen: 0.605 ug/l
RT: 7.334 min Scan# 908
Delta R.T. 0.006 min
Lab File: VN072204.D
Acq: 26 Apr 2022 17:14

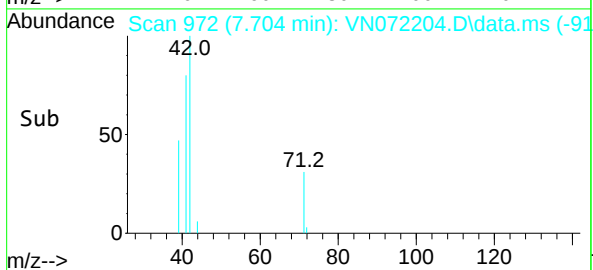
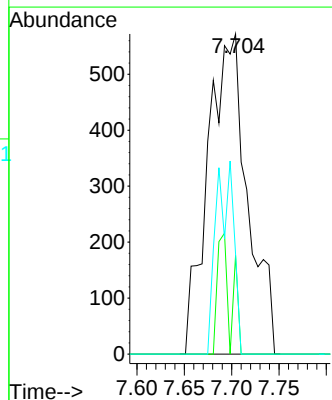
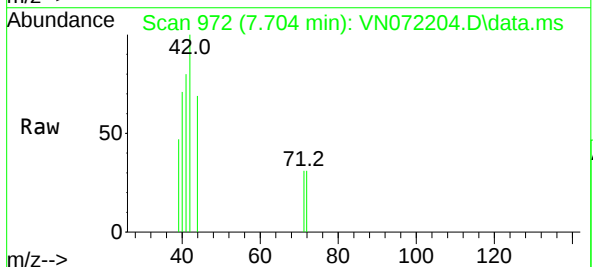
Instrument :
MSVOA_N
ClientSampleId :
IBLK

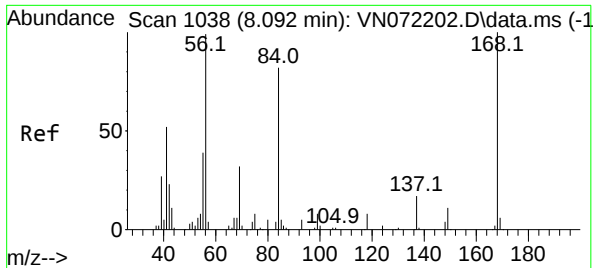
Tgt Ion: 43 Resp: 1844
Ion Ratio Lower Upper
43 100
72 24.8 23.7 35.5



#29
Tetrahydrofuran
Concen: 0.832 ug/l
RT: 7.704 min Scan# 972
Delta R.T. 0.023 min
Lab File: VN072204.D
Acq: 26 Apr 2022 17:14

Tgt Ion: 42 Resp: 1665
Ion Ratio Lower Upper
42 100
72 12.6 39.7 59.5#
71 26.5 36.6 55.0#

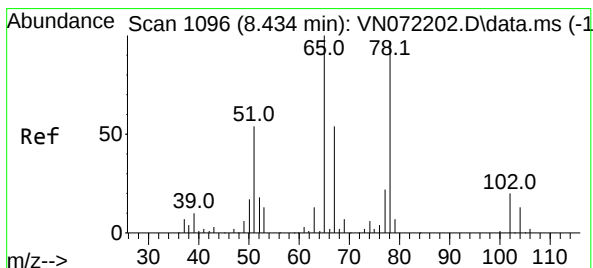
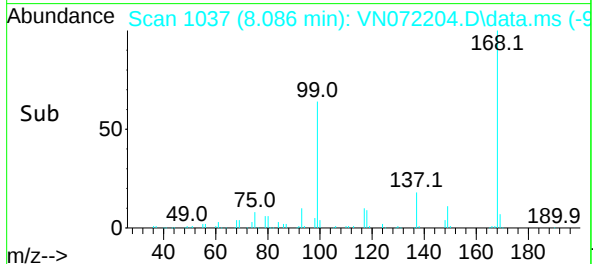
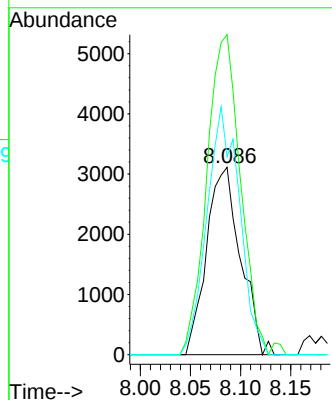
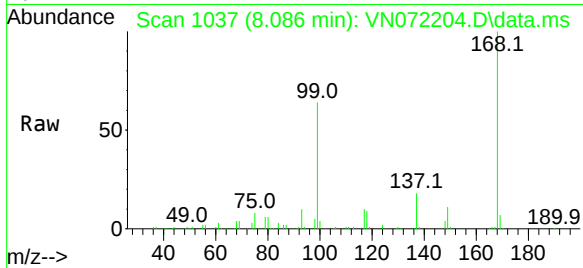




#31
Cyclohexane
Concen: 1.239 ug/l
RT: 8.086 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VN072204.D
Acq: 26 Apr 2022 17:14

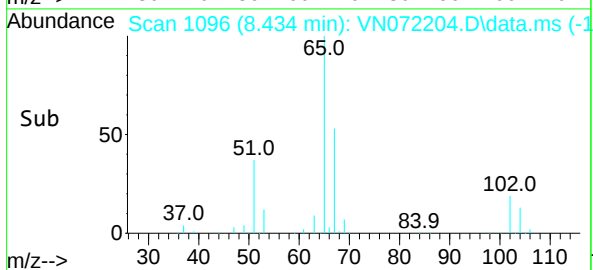
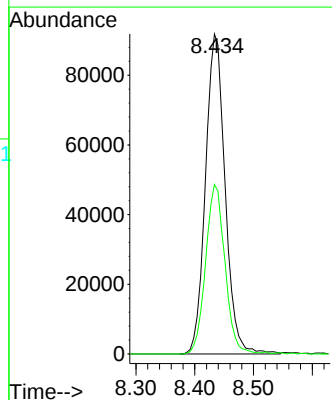
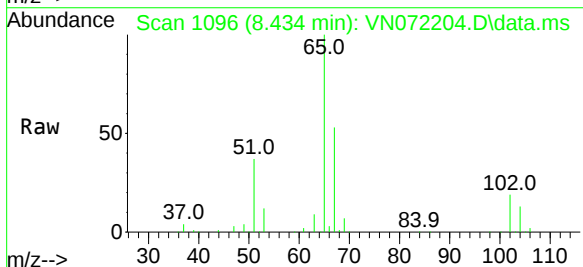
Instrument :
MSVOA_N
ClientSampleId :
IBLK

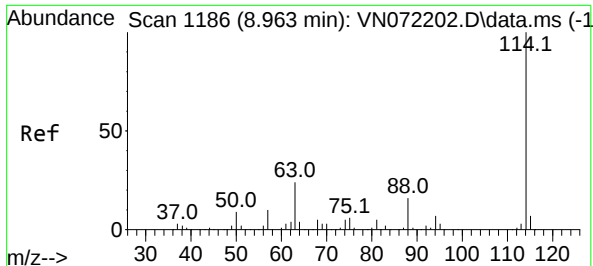
Tgt Ion: 56 Resp: 7347
Ion Ratio Lower Upper
56 100
69 170.8 27.8 41.8#
84 105.7 76.9 115.3



#33
1,2-Dichloroethane-d4
Concen: 48.095 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. -0.000 min
Lab File: VN072204.D
Acq: 26 Apr 2022 17:14

Tgt Ion: 65 Resp: 213479
Ion Ratio Lower Upper
65 100
67 52.0 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. -0.000 min

Lab File: VN072204.D

Acq: 26 Apr 2022 17:14

Instrument :

MSVOA_N

ClientSampleId :

IBLK

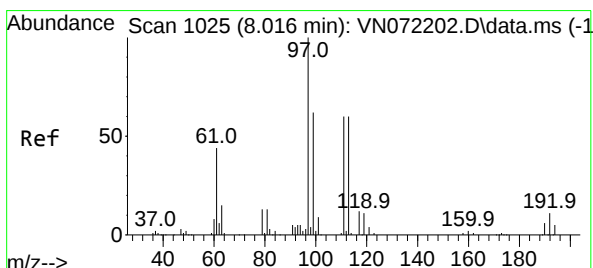
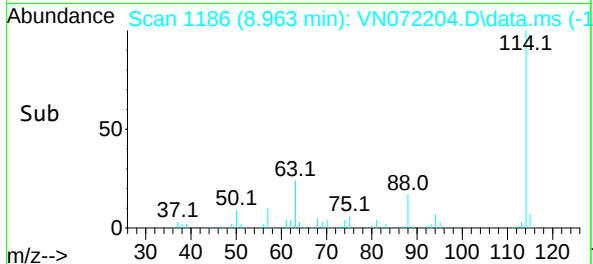
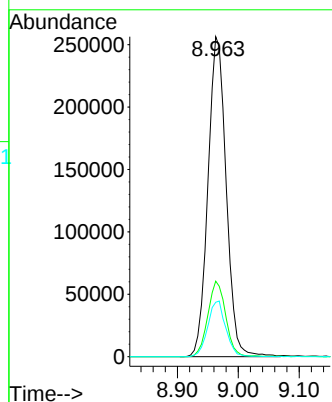
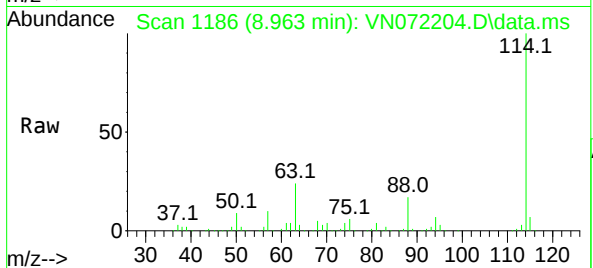
Tgt Ion:114 Resp: 534151

Ion Ratio Lower Upper

114 100

63 23.6 0.0 40.0

88 17.0 0.0 32.6



#35

Dibromofluoromethane

Concen: 47.827 ug/l

RT: 8.022 min Scan# 1026

Delta R.T. 0.006 min

Lab File: VN072204.D

Acq: 26 Apr 2022 17:14

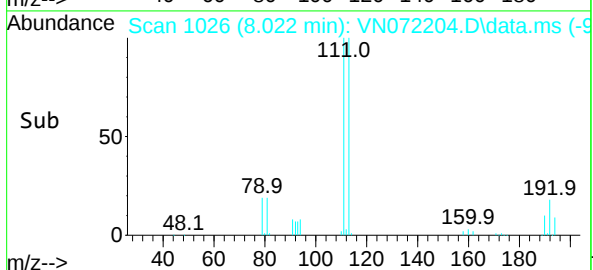
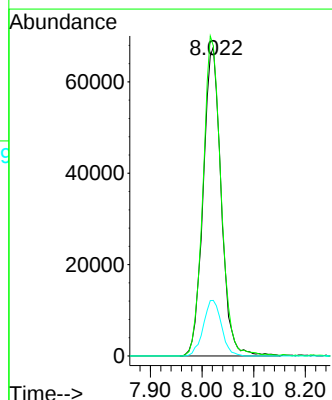
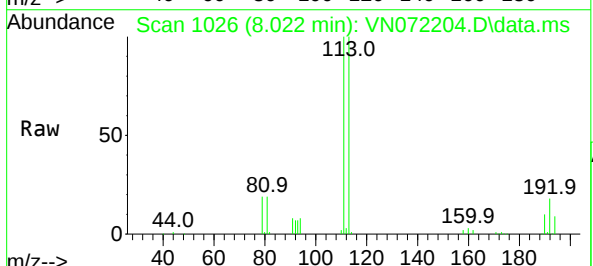
Tgt Ion:113 Resp: 163514

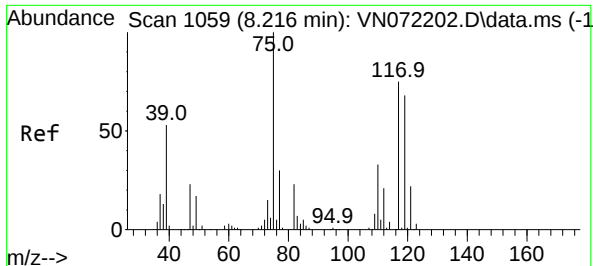
Ion Ratio Lower Upper

113 100

111 103.3 81.4 122.0

192 18.1 17.0 25.6





#36

1,1-Dichloropropene

Concen: 0.265 ug/l

RT: 8.210 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VN072204.D

Acq: 26 Apr 2022 17:14

Instrument :

MSVOA_N

ClientSampleId :

IBLK

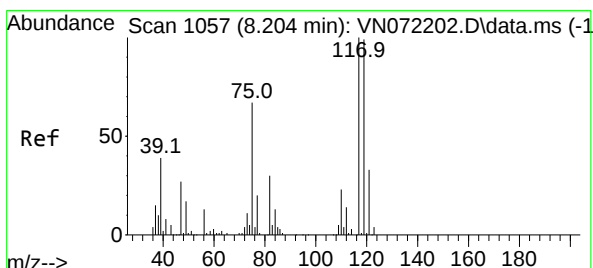
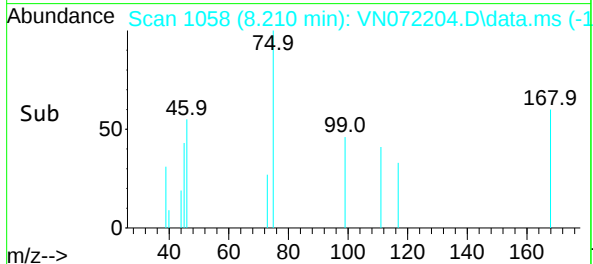
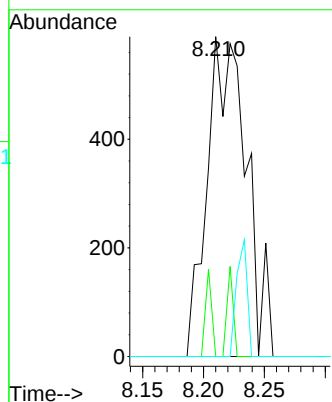
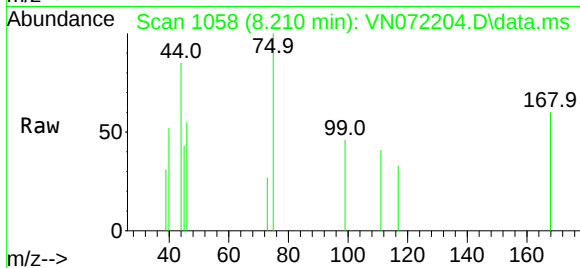
Tgt Ion: 75 Resp: 1321

Ion Ratio Lower Upper

75 100

110 0.0 18.3 54.8#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 5.814 ug/l

RT: 8.081 min Scan# 1036

Delta R.T. -0.123 min

Lab File: VN072204.D

Acq: 26 Apr 2022 17:14

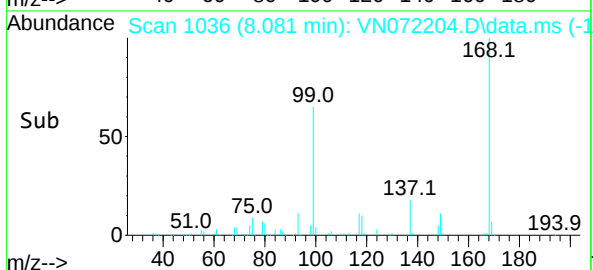
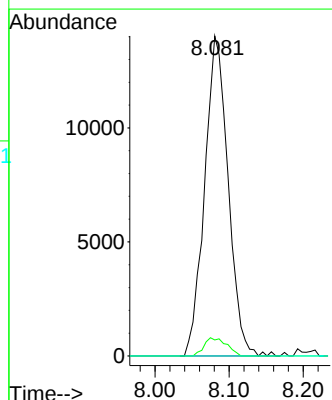
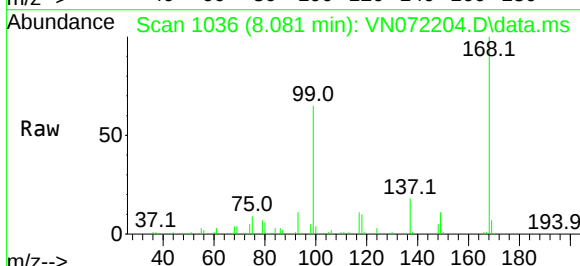
Tgt Ion: 117 Resp: 30988

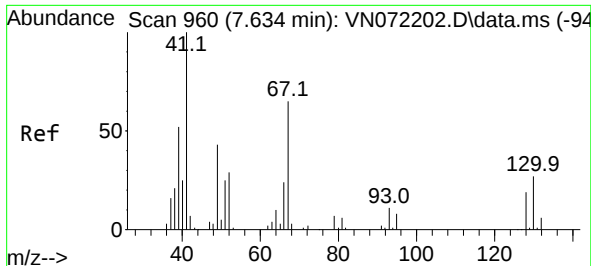
Ion Ratio Lower Upper

117 100

119 5.0 75.8 113.8#

121 0.0 24.6 37.0#



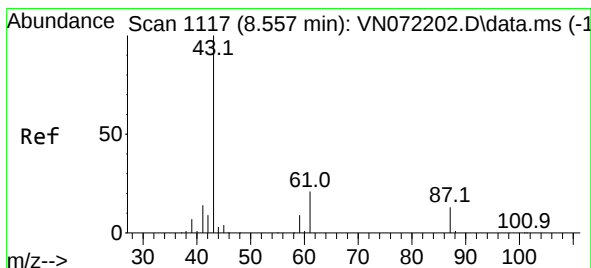
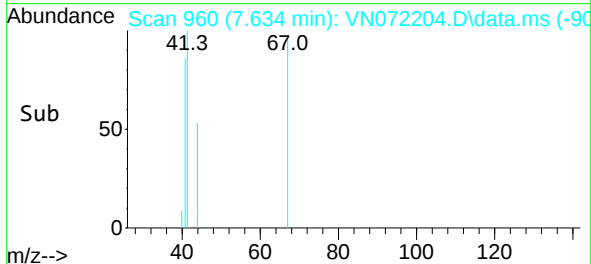
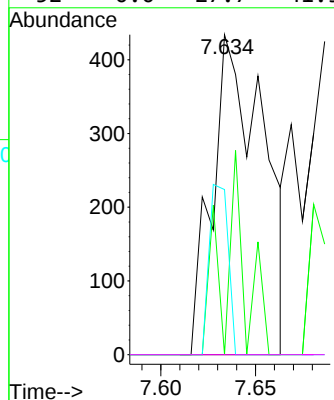
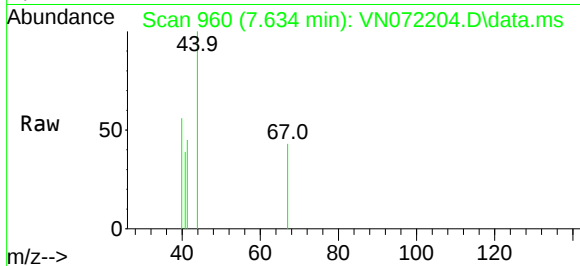


#41
Methacrylonitrile
Concen: 0.246 ug/l
RT: 7.634 min Scan# 90
Delta R.T. -0.000 min
Lab File: VN072204.D
Acq: 26 Apr 2022 17:14

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion: 41 Resp: 824

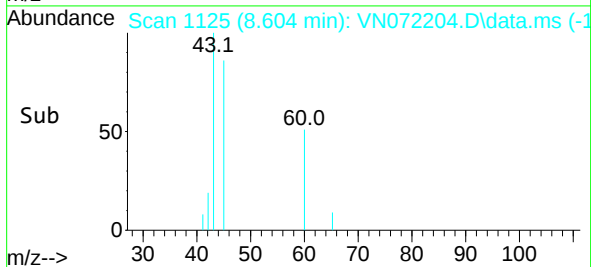
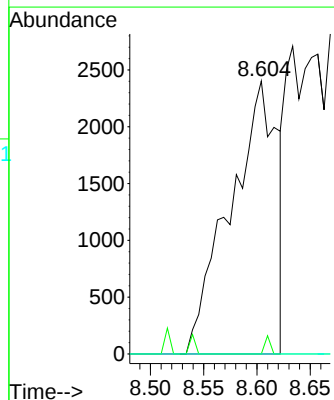
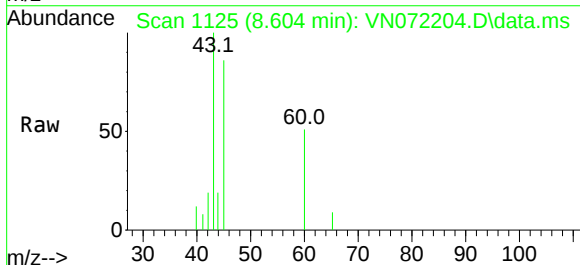
Ion	Ratio	Lower	Upper
41	100		
39	18.4	48.6	73.0#
67	0.0	73.4	110.2#
52	0.0	27.7	41.5#

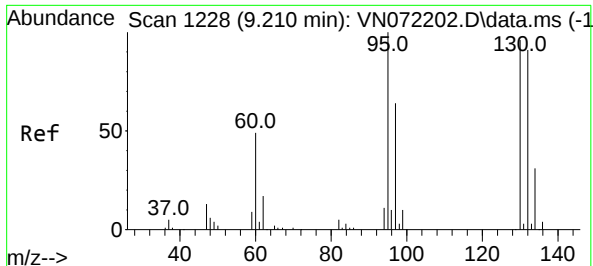


#43
Isopropyl Acetate
Concen: 1.500 ug/l
RT: 8.604 min Scan# 1125
Delta R.T. 0.047 min
Lab File: VN072204.D
Acq: 26 Apr 2022 17:14

Tgt Ion: 43 Resp: 7371

Ion	Ratio	Lower	Upper
43	100		
61	0.0	21.9	32.9#
87	0.0	12.0	18.0#

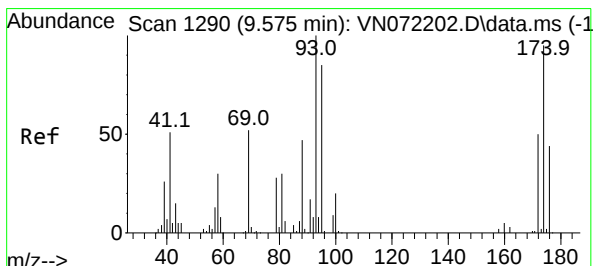
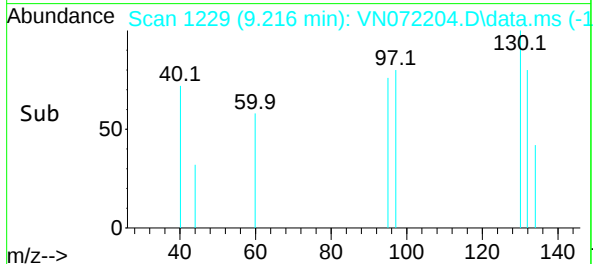
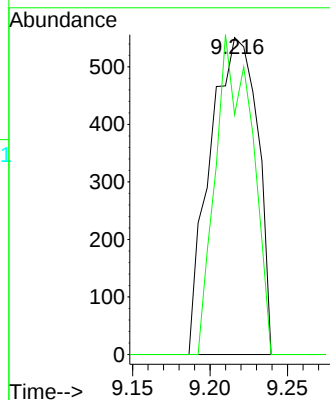
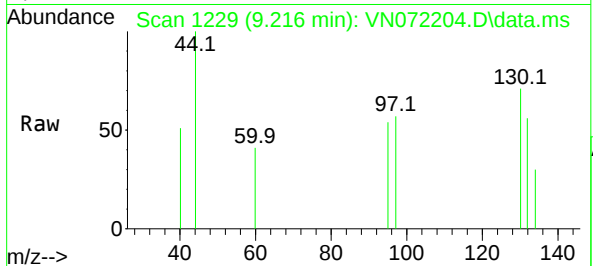




#44
Trichloroethene
Concen: 0.328 ug/l
RT: 9.216 min Scan# 1228
Delta R.T. 0.006 min
Lab File: VN072204.D
Acq: 26 Apr 2022 17:14

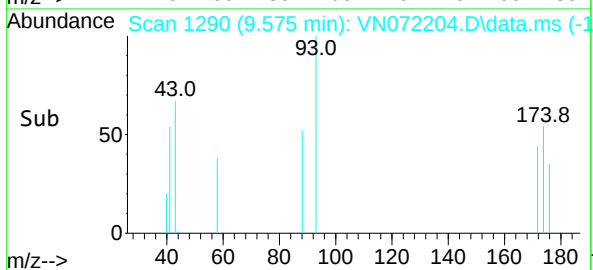
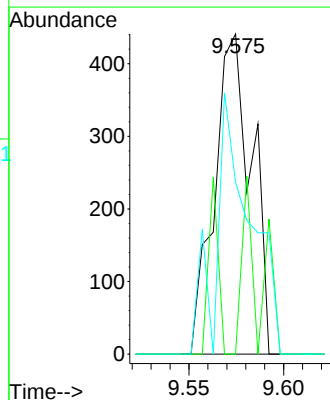
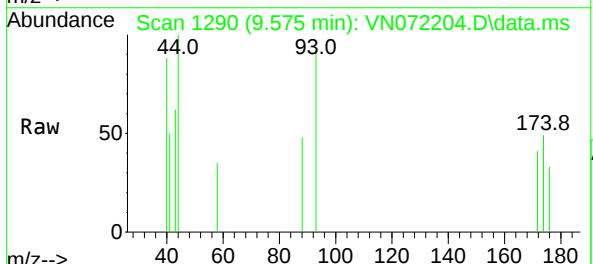
Instrument :
MSVOA_N
ClientSampleId :
IBLK

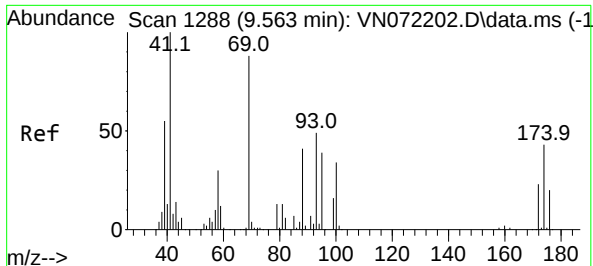
Tgt Ion:130 Resp: 1176
Ion Ratio Lower Upper
130 100
95 75.7 0.0 186.8



#46
Dibromomethane
Concen: 0.231 ug/l
RT: 9.575 min Scan# 1290
Delta R.T. -0.000 min
Lab File: VN072204.D
Acq: 26 Apr 2022 17:14

Tgt Ion: 93 Resp: 603
Ion Ratio Lower Upper
93 100
95 25.2 66.9 100.3#
174 75.3 86.6 130.0#

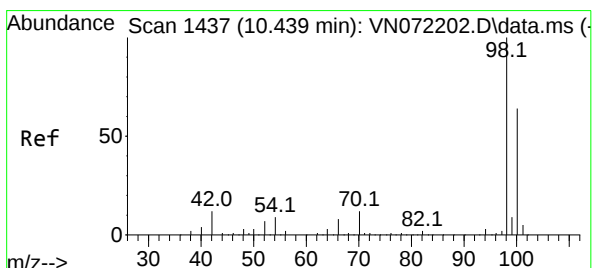
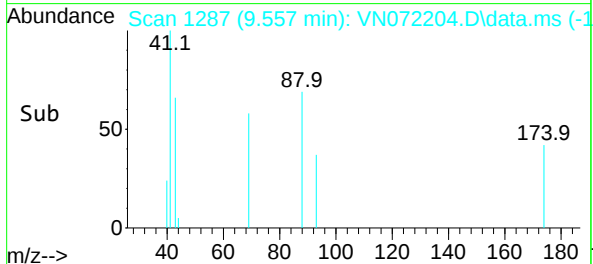
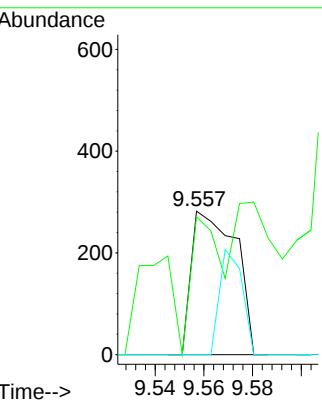
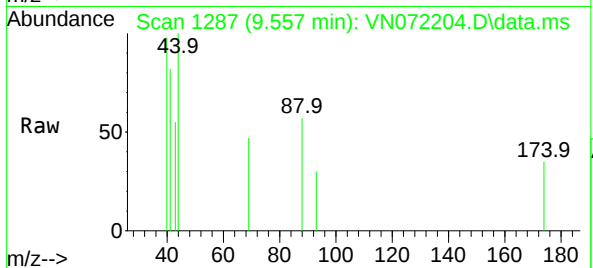




#49
1,4-Dioxane
Concen: 4.629 ug/l
RT: 9.557 min Scan# 1287
Delta R.T. -0.006 min
Lab File: VN072204.D
Acq: 26 Apr 2022 17:14

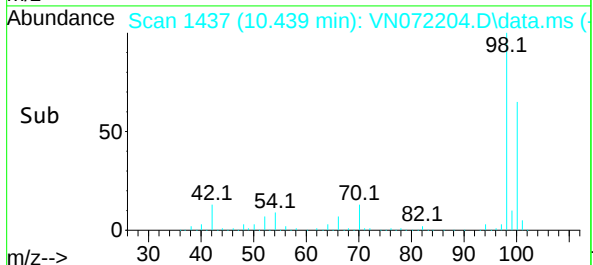
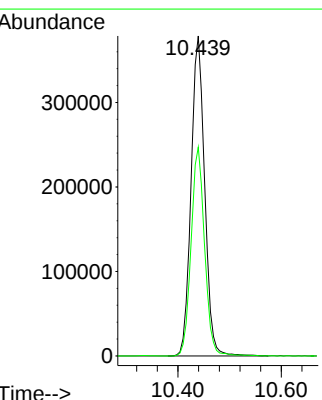
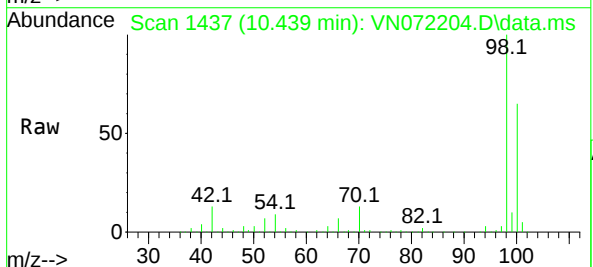
Instrument :
MSVOA_N
ClientSampleId :
IBLK

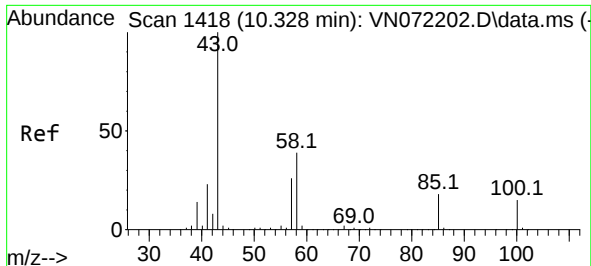
Tgt Ion: 88 Resp: 355
Ion Ratio Lower Upper
88 100
43 65.9 20.2 30.4#
58 0.0 54.2 81.4#



#50
Toluene-d8
Concen: 51.446 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072204.D
Acq: 26 Apr 2022 17:14

Tgt Ion: 98 Resp: 691130
Ion Ratio Lower Upper
98 100
100 65.0 52.6 78.8





#51

4-Methyl-2-Pentanone

Concen: 0.933 ug/l

RT: 10.328 min Scan# 1418

Delta R.T. -0.000 min

Lab File: VN072204.D

Acq: 26 Apr 2022 17:14

Instrument :

MSVOA_N

ClientSampleId :

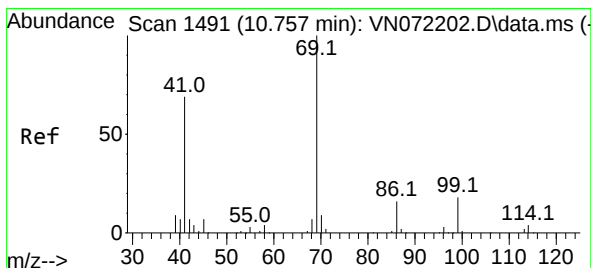
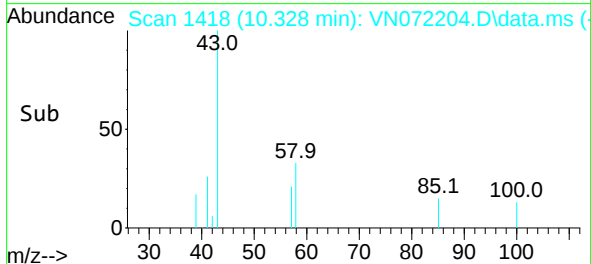
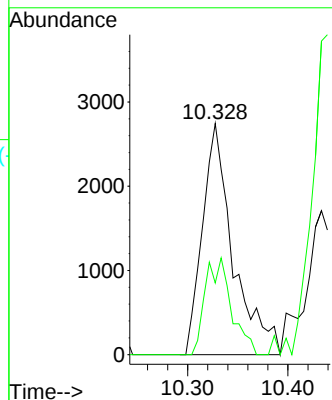
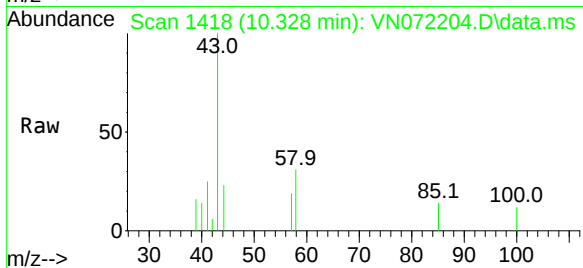
IBLK

Tgt Ion: 43 Resp: 5820

Ion Ratio Lower Upper

43 100

58 35.8 34.1 51.1



#56

Ethyl methacrylate

Concen: 2.525 ug/l

RT: 10.763 min Scan# 1492

Delta R.T. 0.006 min

Lab File: VN072204.D

Acq: 26 Apr 2022 17:14

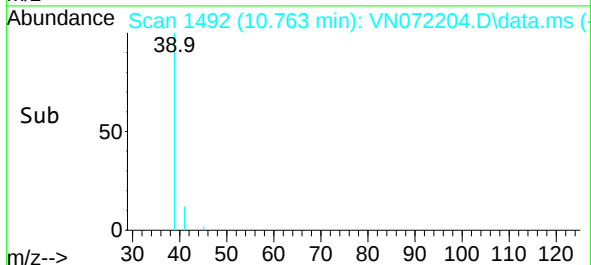
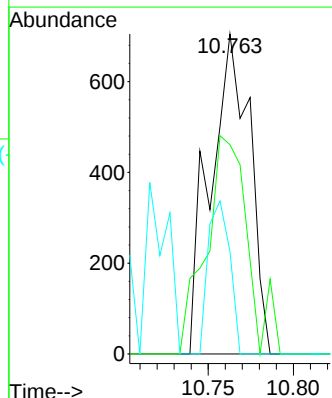
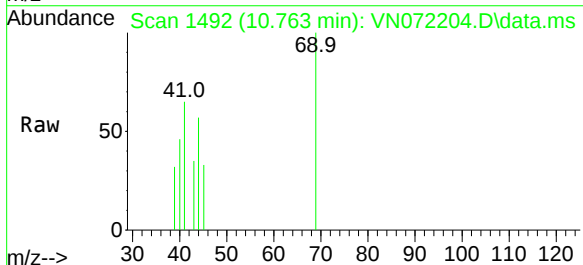
Tgt Ion: 69 Resp: 1137

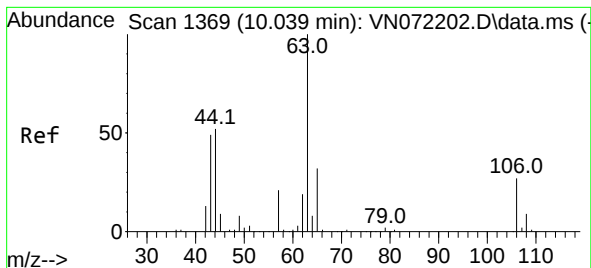
Ion Ratio Lower Upper

69 100

41 71.8 47.8 71.6#

39 26.4 27.3 40.9#

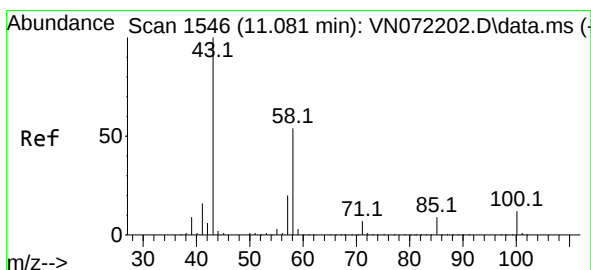
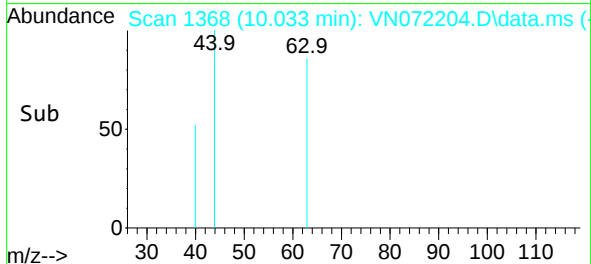
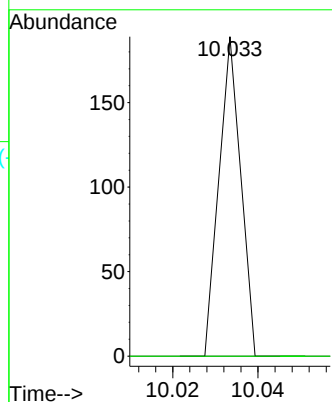
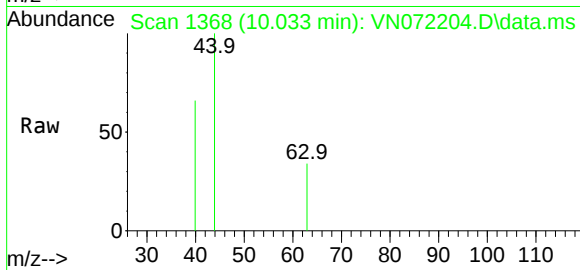




#58
2-Chloroethyl Vinyl ether
Concen: 17.767 ug/l
RT: 10.033 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN072204.D
Acq: 26 Apr 2022 17:14

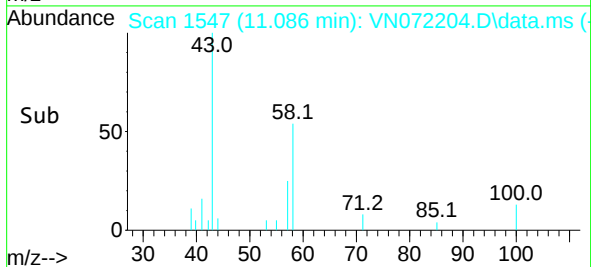
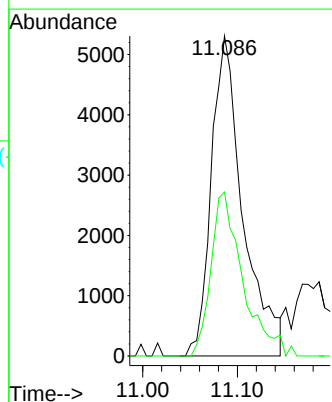
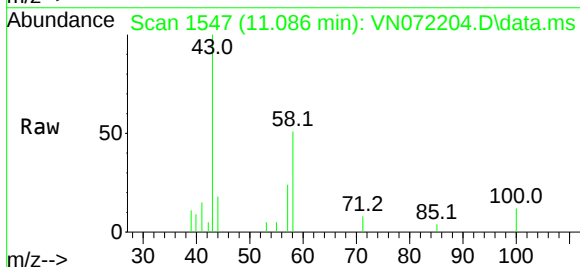
Instrument :
MSVOA_N
ClientSampleId :
IBLK

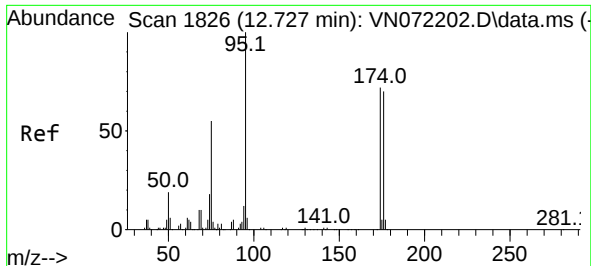
Tgt Ion: 63 Resp: 67
Ion Ratio Lower Upper
63 100
106 0.0 24.6 36.8#



#59
2-Hexanone
Concen: 2.799 ug/l
RT: 11.086 min Scan# 1547
Delta R.T. 0.005 min
Lab File: VN072204.D
Acq: 26 Apr 2022 17:14

Tgt Ion: 43 Resp: 12296
Ion Ratio Lower Upper
43 100
58 51.6 29.7 89.1

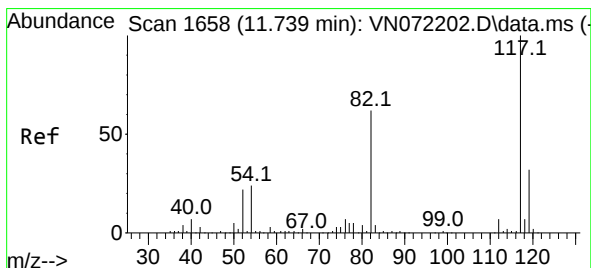
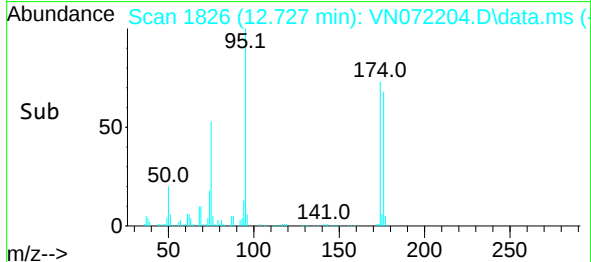
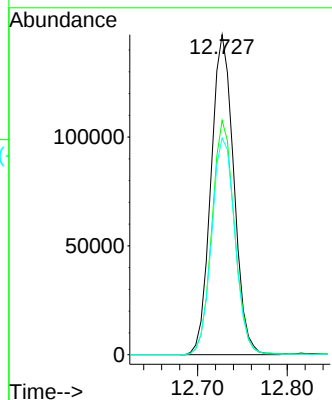
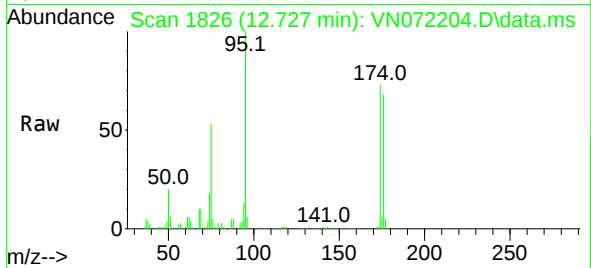




#62
4-Bromofluorobenzene
Concen: 58.096 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072204.D
Acq: 26 Apr 2022 17:14

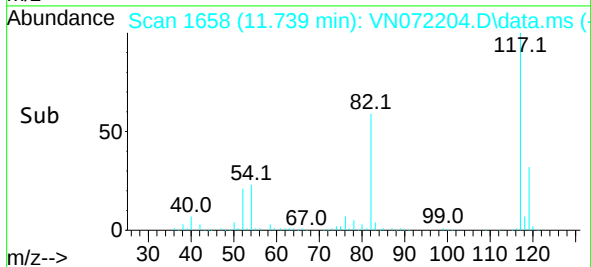
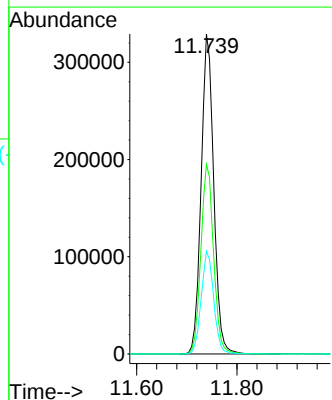
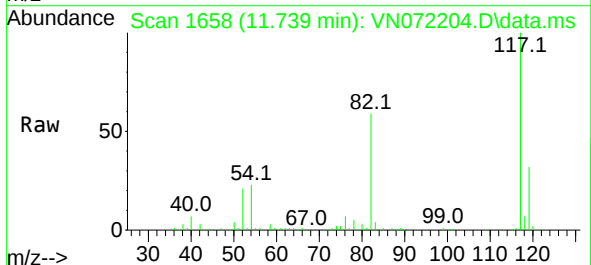
Instrument :
MSVOA_N
ClientSampleId :
IBLK

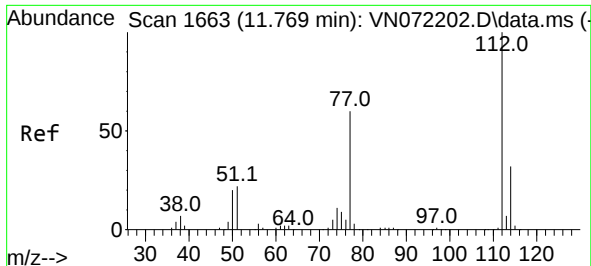
Tgt Ion: 95 Resp: 259050
Ion Ratio Lower Upper
95 100
174 72.6 0.0 167.6
176 69.3 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN072204.D
Acq: 26 Apr 2022 17:14

Tgt Ion: 117 Resp: 573645
Ion Ratio Lower Upper
117 100
82 59.2 44.2 66.2
119 32.1 25.4 38.0

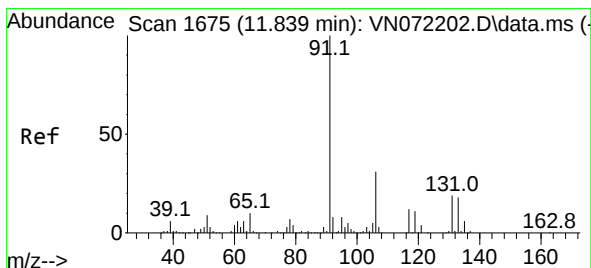
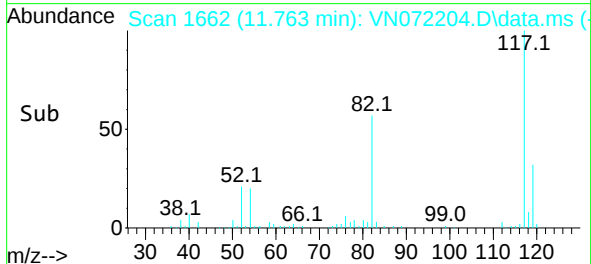
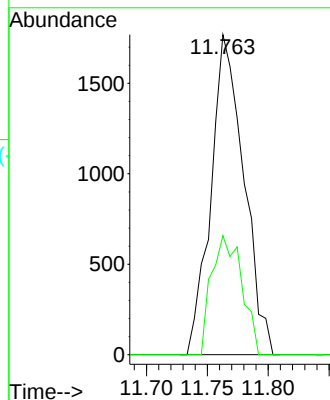
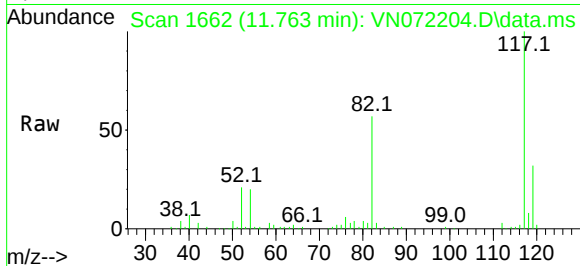




#65
Chlorobenzene
Concen: 0.287 ug/l
RT: 11.763 min Scan# 1176
Delta R.T. -0.006 min
Lab File: VN072204.D
Acq: 26 Apr 2022 17:14

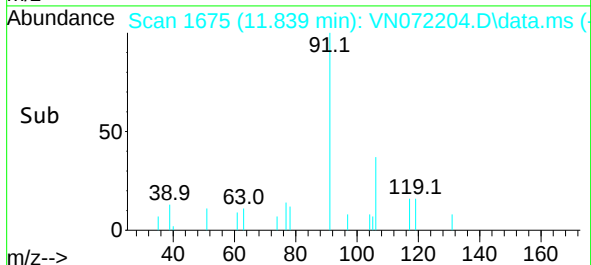
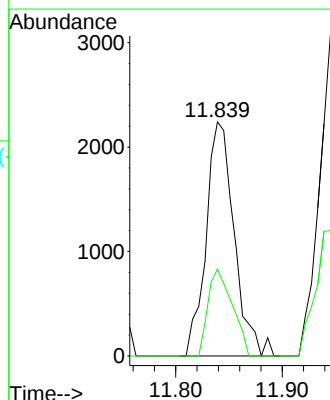
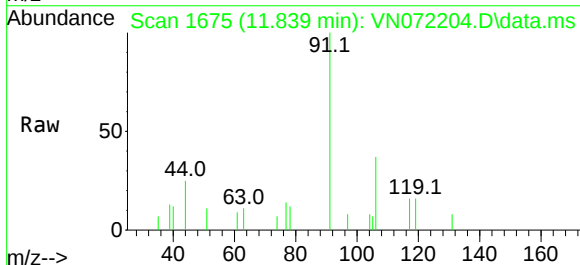
Instrument :
MSVOA_N
ClientSampleId :
IBLK

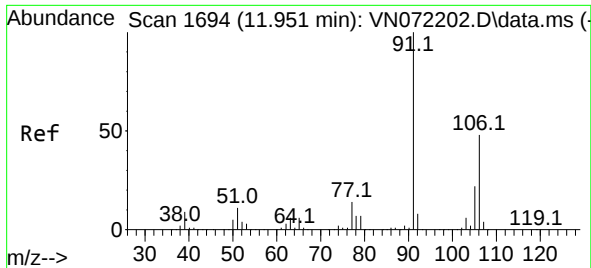
Tgt Ion:112 Resp: 3324
Ion Ratio Lower Upper
112 100
114 37.2 25.4 38.2



#67
Ethyl Benzene
Concen: 0.203 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN072204.D
Acq: 26 Apr 2022 17:14

Tgt Ion: 91 Resp: 4113
Ion Ratio Lower Upper
91 100
106 37.1 24.9 37.3

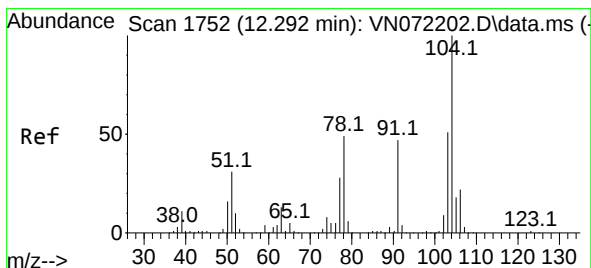
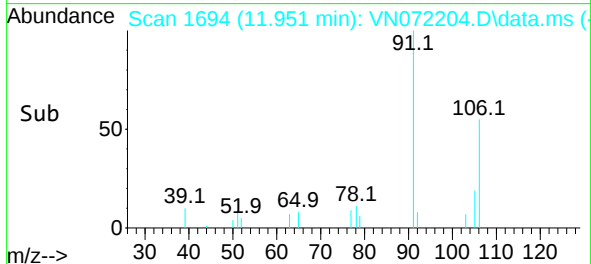
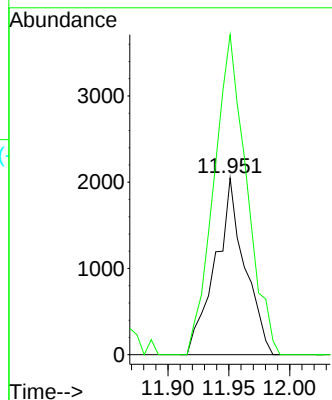
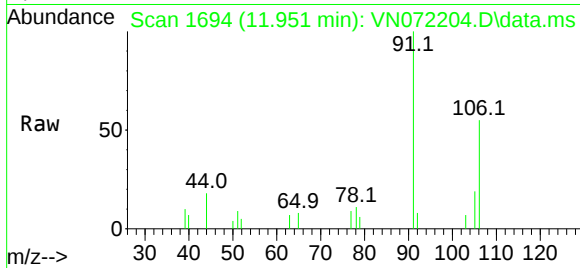




#68
m/p-Xylenes
Concen: 0.460 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. -0.000 min
Lab File: VN072204.D
Acq: 26 Apr 2022 17:14

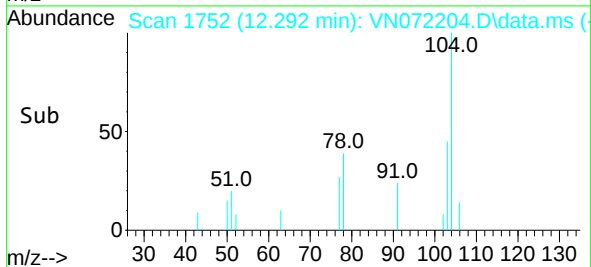
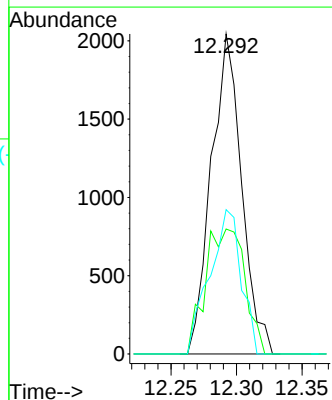
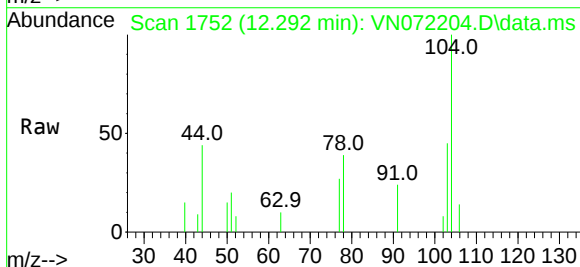
Instrument :
MSVOA_N
ClientSampleId :
IBLK

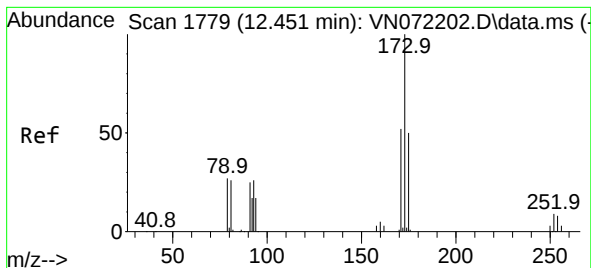
Tgt Ion:106 Resp: 3450
Ion Ratio Lower Upper
106 100
91 201.4 158.9 238.3



#70
Styrene
Concen: 0.287 ug/l
RT: 12.292 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VN072204.D
Acq: 26 Apr 2022 17:14

Tgt Ion:104 Resp: 3285
Ion Ratio Lower Upper
104 100
78 51.1 39.5 59.3
103 47.0 44.0 66.0





#71

Bromoform

Concen: 0.213 ug/l

RT: 12.457 min Scan# 1779

Delta R.T. 0.006 min

Lab File: VN072204.D

Acq: 26 Apr 2022 17:14

Instrument :

MSVOA_N

ClientSampleId :

IBLK

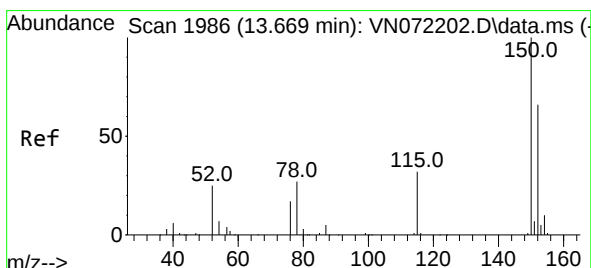
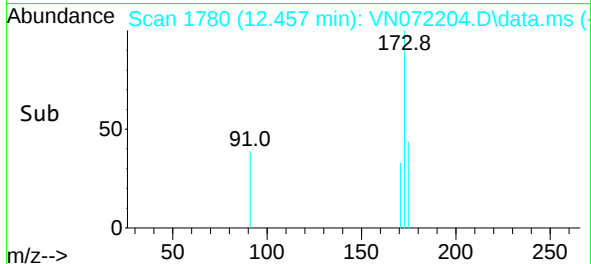
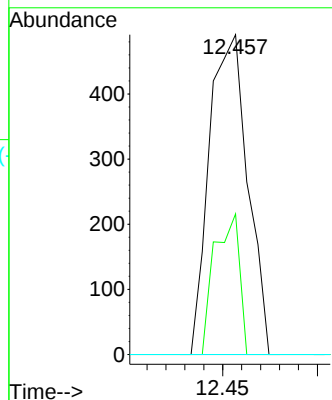
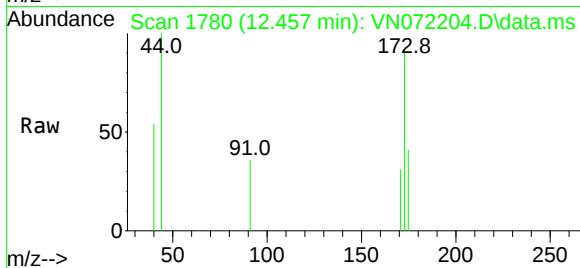
Tgt Ion:173 Resp: 691

Ion Ratio Lower Upper

173 100

175 0.0 24.6 73.6#

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.668 min Scan# 1986

Delta R.T. -0.001 min

Lab File: VN072204.D

Acq: 26 Apr 2022 17:14

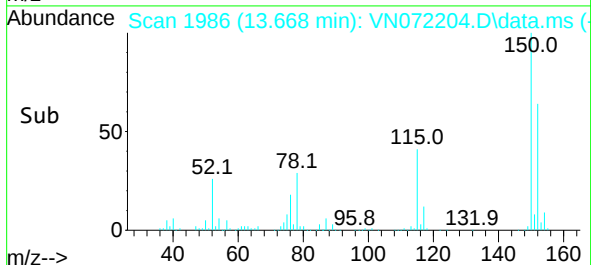
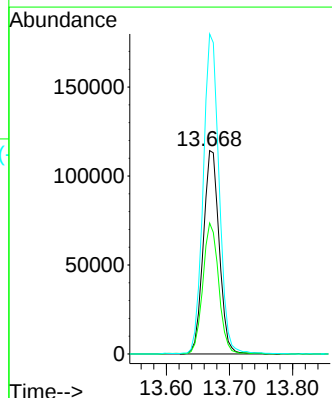
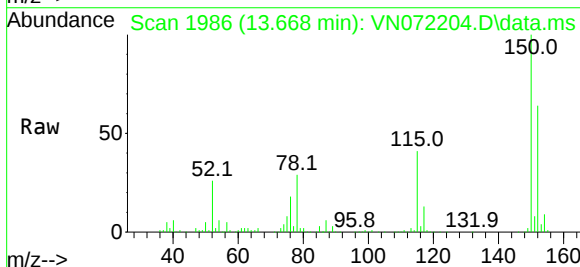
Tgt Ion:152 Resp: 199641

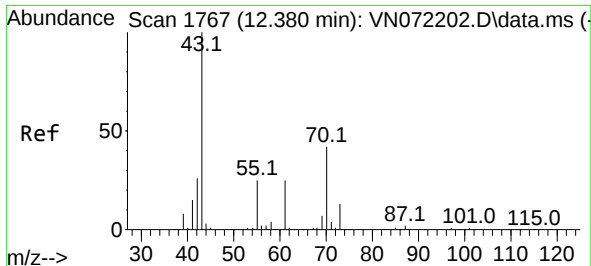
Ion Ratio Lower Upper

152 100

115 63.4 28.9 86.7

150 157.6 0.0 356.2



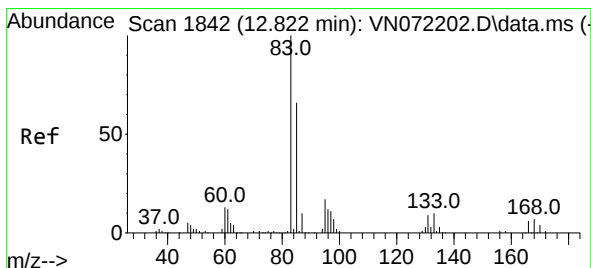
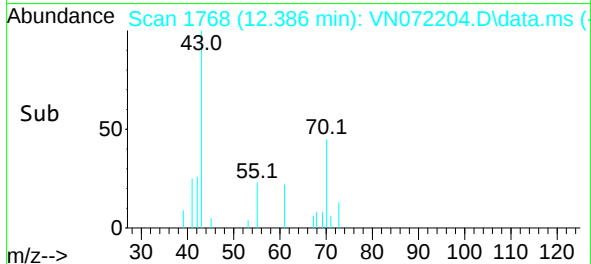
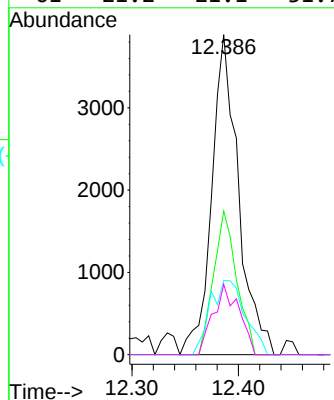
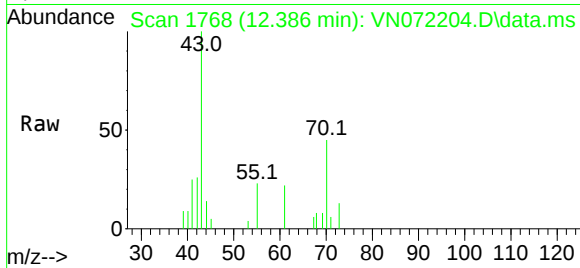


#74
N-ethyl acetate
Concen: 1.024 ug/l
RT: 12.386 min Scan# 1767
Delta R.T. 0.006 min
Lab File: VN072204.D
Acq: 26 Apr 2022 17:14

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion: 43 Resp: 6767

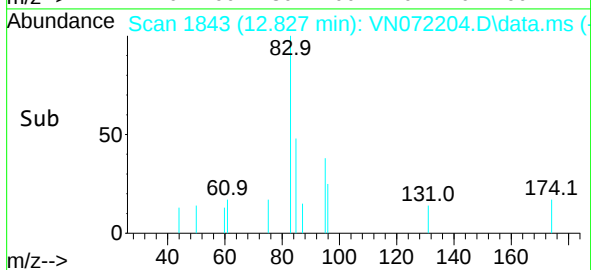
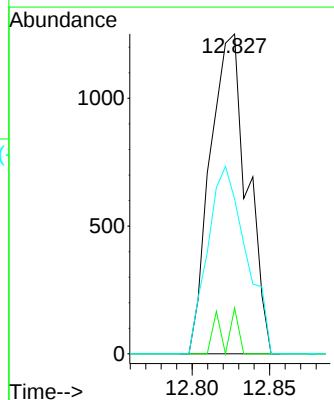
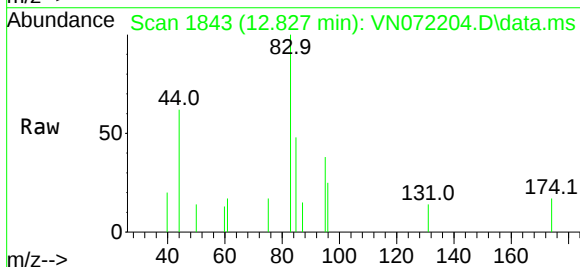
Ion	Ratio	Lower	Upper
43	100		
70	38.8	39.0	58.4#
55	30.3	21.1	31.7
61	21.2	21.1	31.7

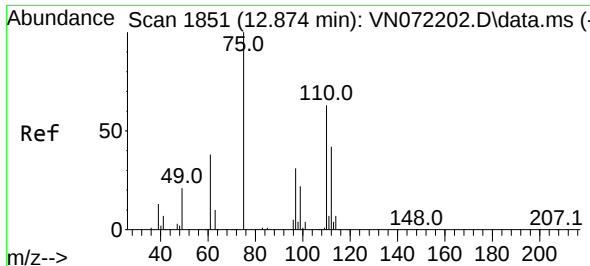


#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 12.827 min Scan# 1843
Delta R.T. 0.005 min
Lab File: VN072204.D
Acq: 26 Apr 2022 17:14

Tgt Ion: 83 Resp: 2075

Ion	Ratio	Lower	Upper
83	100		
131	5.9	5.3	15.9
85	60.8	32.3	96.9

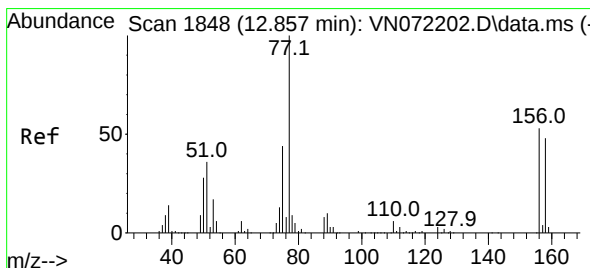
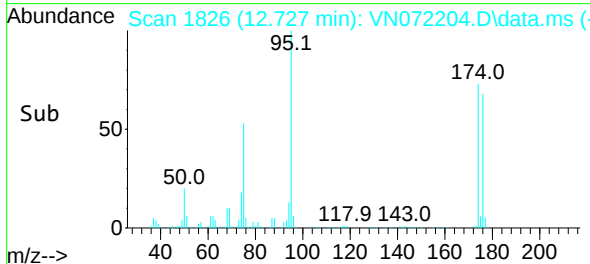
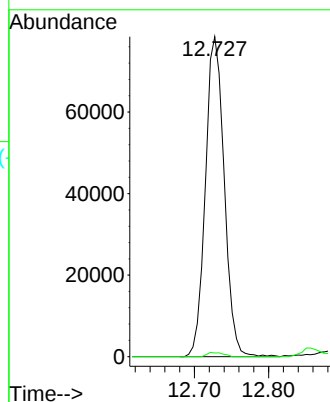
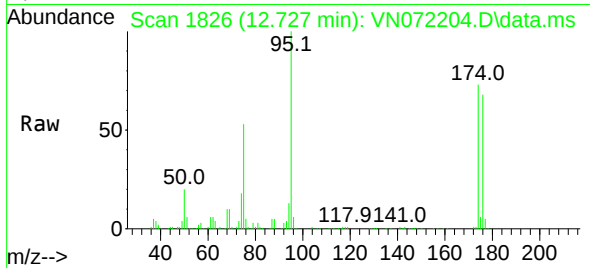




#76
1,2,3-Trichloropropane
Concen: 30.838 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.147 min
Lab File: VN072204.D
Acq: 26 Apr 2022 17:14

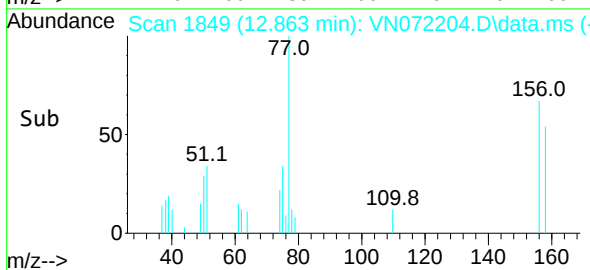
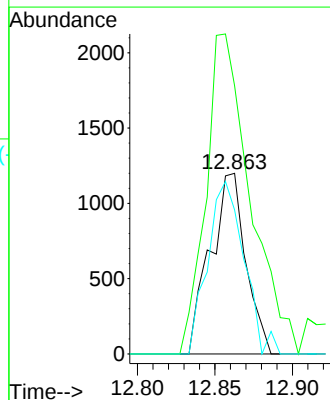
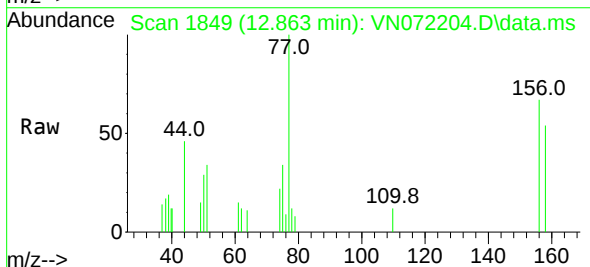
Instrument :
MSVOA_N
ClientSampleId :
IBLK

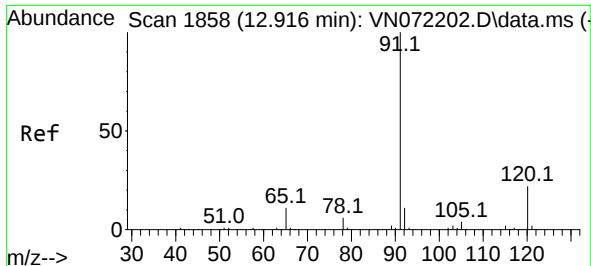
Tgt Ion: 75 Resp: 138310
Ion Ratio Lower Upper
75 100
77 1.1 98.5 295.5#



#77
Bromobenzene
Concen: 0.457 ug/l
RT: 12.863 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN072204.D
Acq: 26 Apr 2022 17:14

Tgt Ion: 156 Resp: 1904
Ion Ratio Lower Upper
156 100
77 221.4 100.5 301.5
158 97.9 48.9 146.6

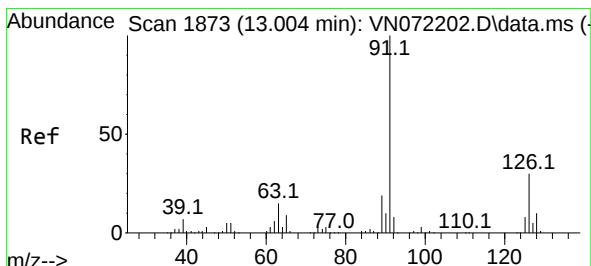
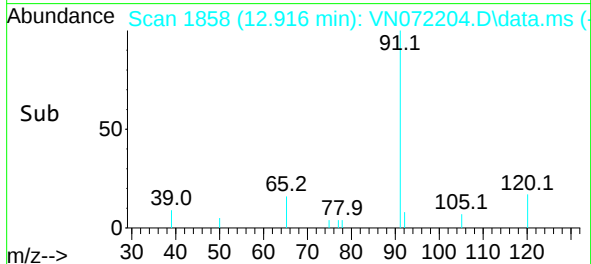
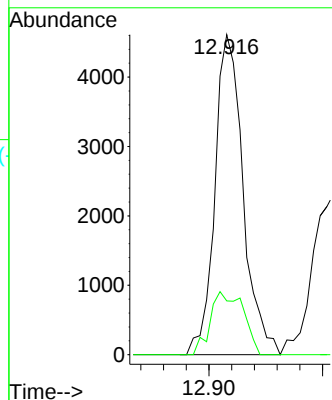
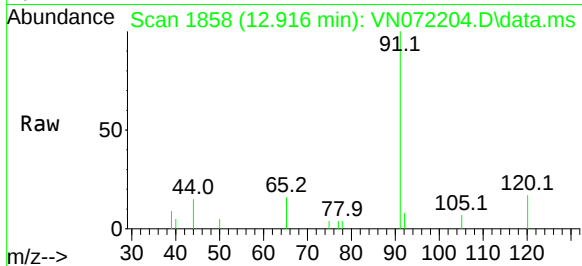




#78
n-propylbenzene
Concen: 0.410 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN072204.D
Acq: 26 Apr 2022 17:14

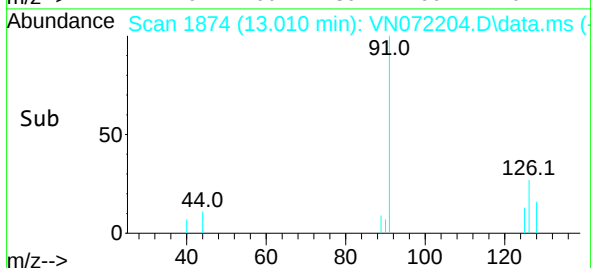
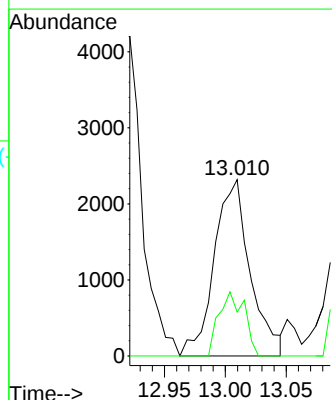
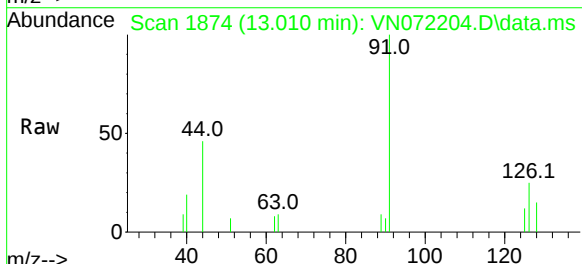
Instrument :
MSVOA_N
ClientSampleId :
IBLK

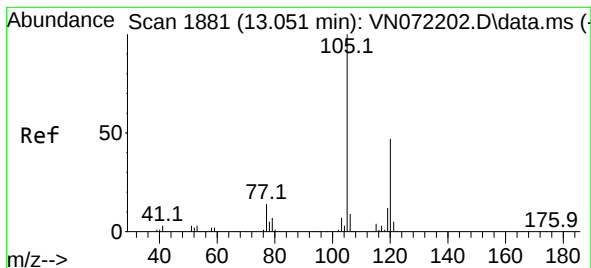
Tgt Ion: 91 Resp: 7956
Ion Ratio Lower Upper
91 100
120 22.9 11.9 35.5



#79
2-Chlorotoluene
Concen: 0.373 ug/l
RT: 13.010 min Scan# 1874
Delta R.T. 0.006 min
Lab File: VN072204.D
Acq: 26 Apr 2022 17:14

Tgt Ion: 91 Resp: 4762
Ion Ratio Lower Upper
91 100
126 25.7 17.3 51.9





#80

1,3,5-Trimethylbenzene

Concen: 0.237 ug/l

RT: 13.057 min Scan# 1881

Delta R.T. 0.006 min

Lab File: VN072204.D

Acq: 26 Apr 2022 17:14

Instrument :

MSVOA_N

ClientSampleId :

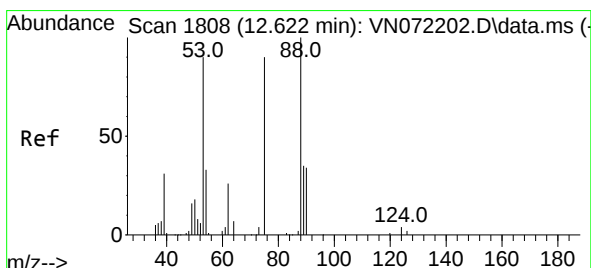
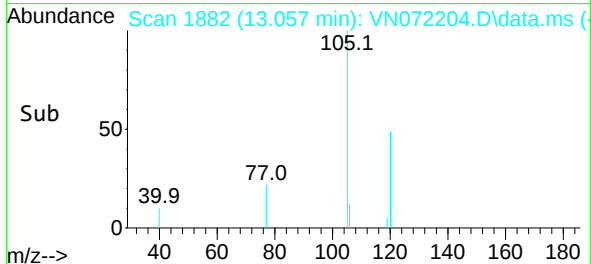
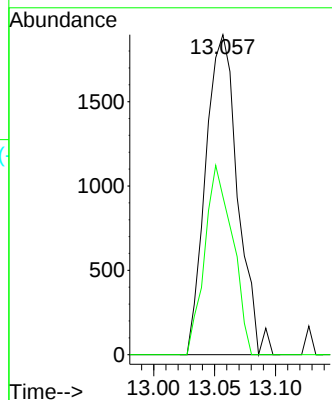
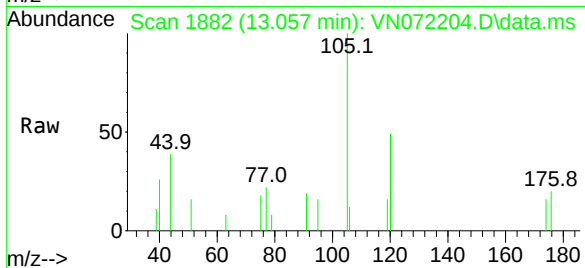
IBLK

Tgt Ion:105 Resp: 3485

Ion Ratio Lower Upper

105 100

120 51.3 24.9 74.7



#81

trans-1,4-Dichloro-2-butene

Concen: 80.105 ug/l

RT: 12.727 min Scan# 1826

Delta R.T. 0.105 min

Lab File: VN072204.D

Acq: 26 Apr 2022 17:14

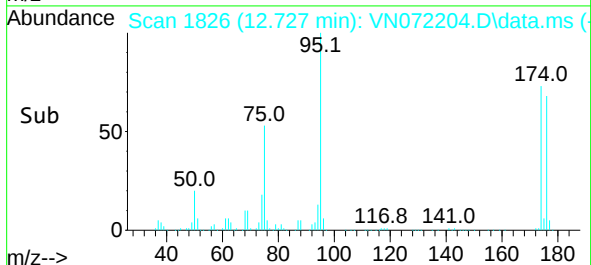
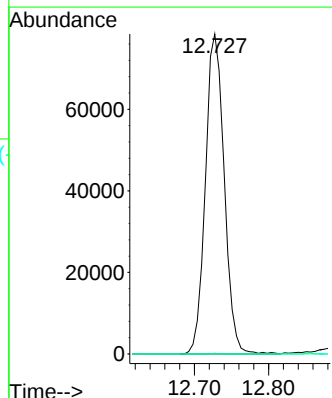
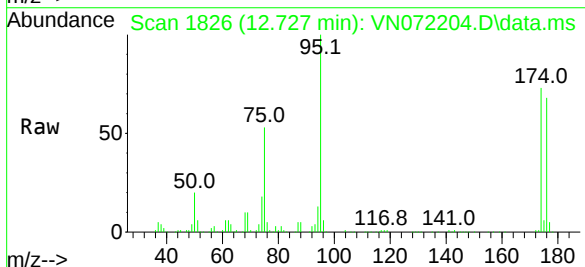
Tgt Ion: 75 Resp: 138310

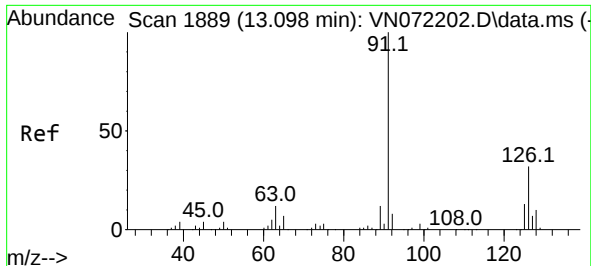
Ion Ratio Lower Upper

75 100

53 0.0 78.0 117.0#

89 0.0 37.2 55.8#

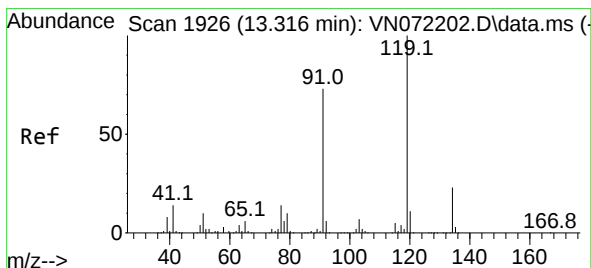
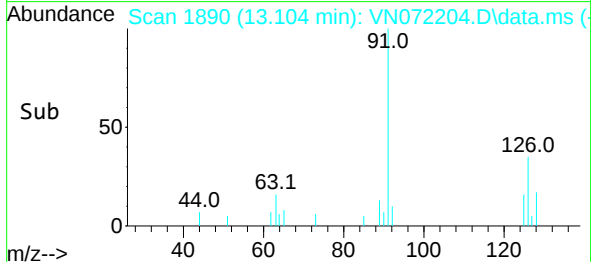
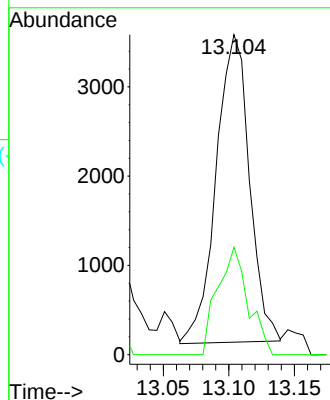
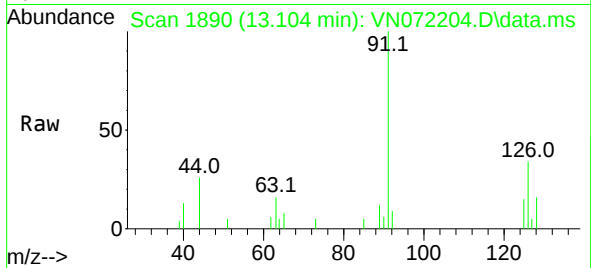




#82
4-Chlorotoluene
Concen: 0.513 ug/l
RT: 13.104 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN072204.D
Acq: 26 Apr 2022 17:14

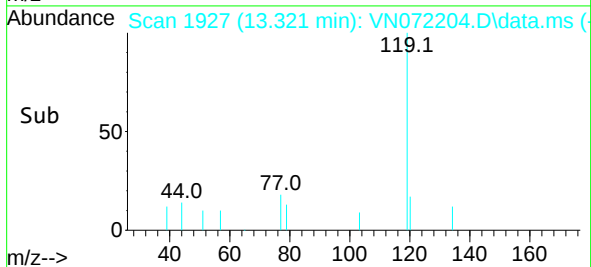
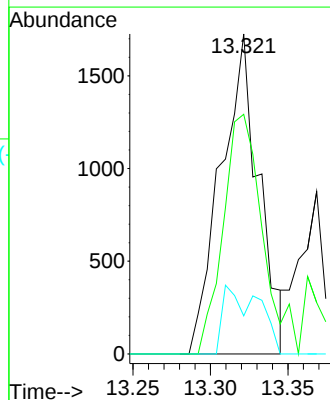
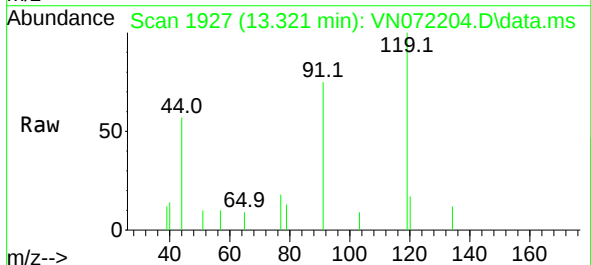
Instrument :
MSVOA_N
ClientSampleId :
IBLK

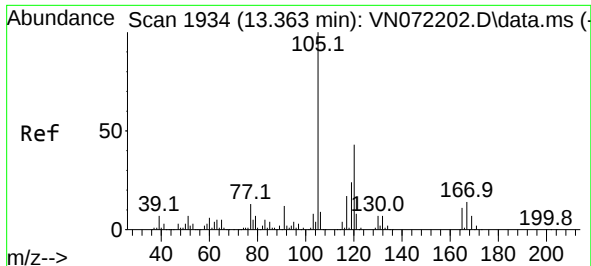
Tgt Ion: 91 Resp: 6087
Ion Ratio Lower Upper
91 100
126 32.0 17.2 51.6



#83
tert-Butylbenzene
Concen: 0.229 ug/l
RT: 13.321 min Scan# 1927
Delta R.T. 0.005 min
Lab File: VN072204.D
Acq: 26 Apr 2022 17:14

Tgt Ion: 119 Resp: 2953
Ion Ratio Lower Upper
119 100
91 77.0 31.6 94.8
134 10.7 13.7 41.1#

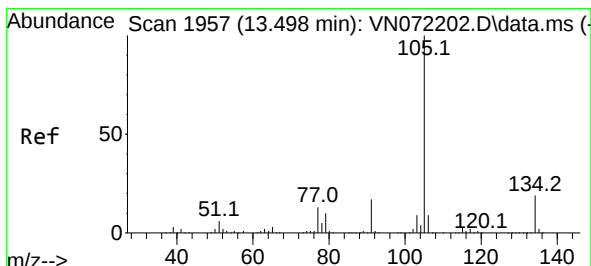
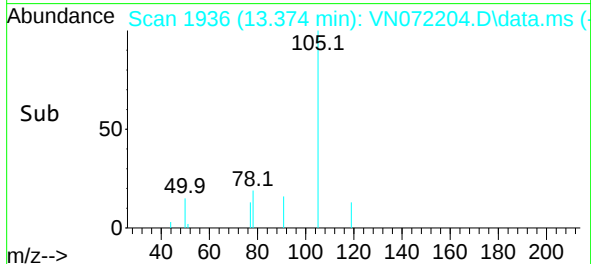
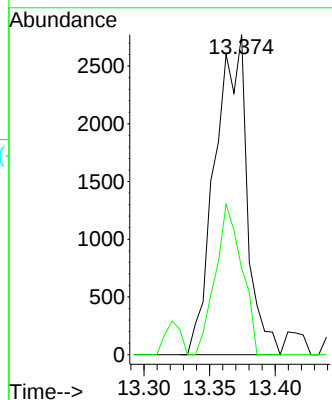
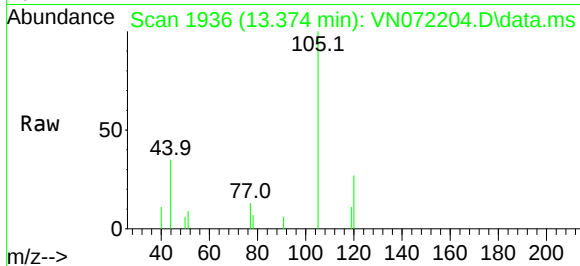




#84
1,2,4-Trimethylbenzene
Concen: 0.331 ug/l
RT: 13.374 min Scan# 1936
Delta R.T. 0.011 min
Lab File: VN072204.D
Acq: 26 Apr 2022 17:14

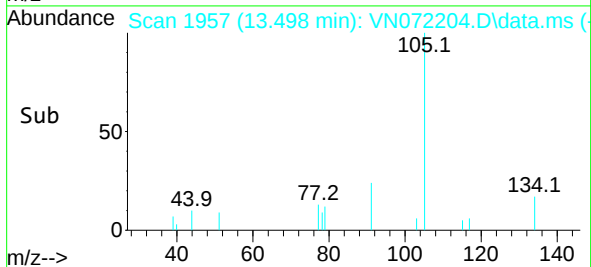
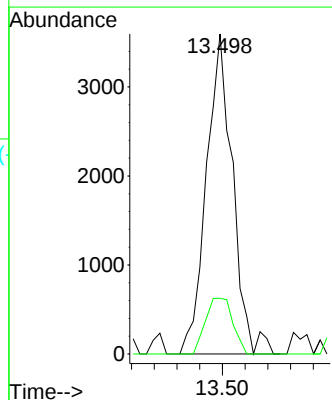
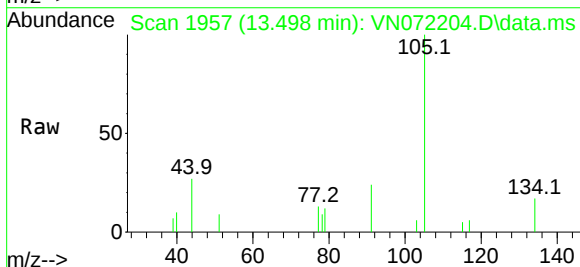
Instrument :
MSVOA_N
ClientSampleId :
IBLK

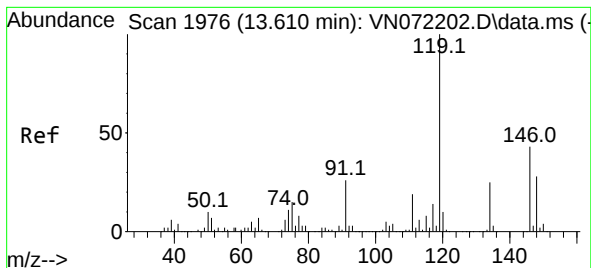
Tgt Ion:105 Resp: 4706
Ion Ratio Lower Upper
105 100
120 38.9 23.3 69.8



#85
sec-Butylbenzene
Concen: 0.343 ug/l
RT: 13.498 min Scan# 1957
Delta R.T. -0.000 min
Lab File: VN072204.D
Acq: 26 Apr 2022 17:14

Tgt Ion:105 Resp: 5768
Ion Ratio Lower Upper
105 100
134 18.0 10.4 31.1





#86

p-Isopropyltoluene

Concen: 0.370 ug/l

RT: 13.610 min Scan# 1976

Delta R.T. -0.000 min

Lab File: VN072204.D

Acq: 26 Apr 2022 17:14

Instrument :

MSVOA_N

ClientSampleId :

IBLK

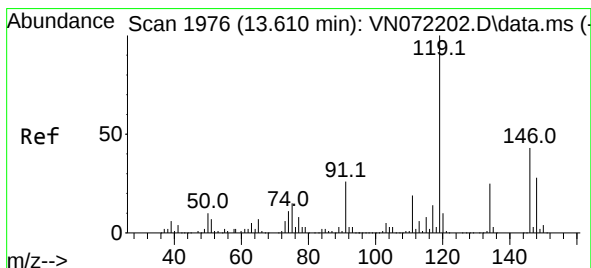
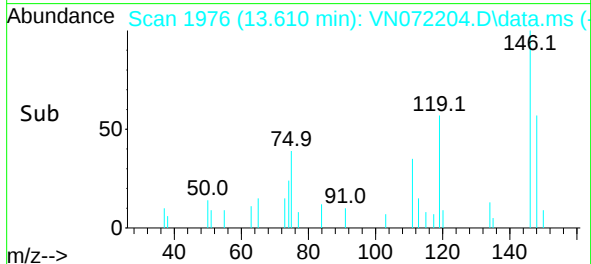
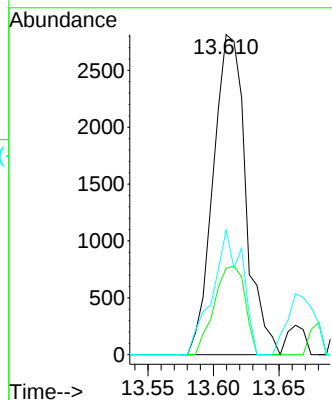
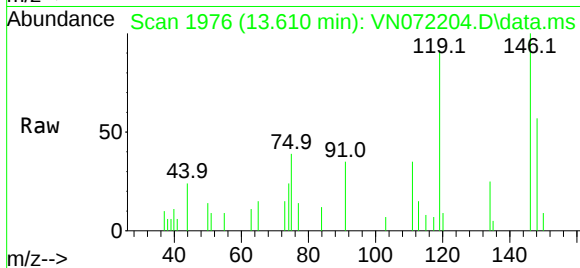
Tgt Ion:119 Resp: 4848

Ion Ratio Lower Upper

119 100

134 26.1 13.3 39.8

91 35.8 11.3 33.9#



#87

1,3-Dichlorobenzene

Concen: 0.788 ug/l

RT: 13.610 min Scan# 1976

Delta R.T. -0.000 min

Lab File: VN072204.D

Acq: 26 Apr 2022 17:14

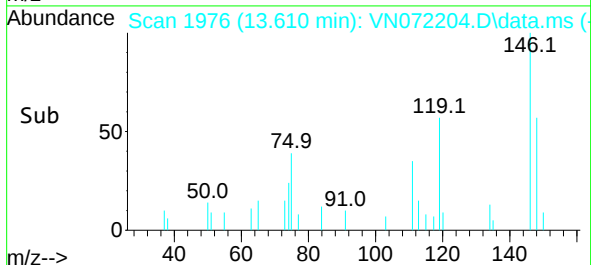
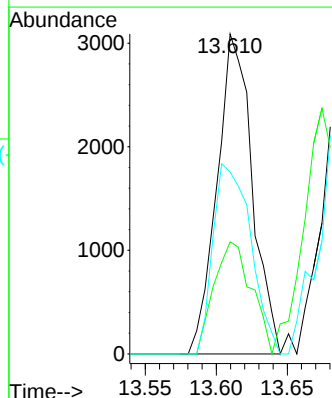
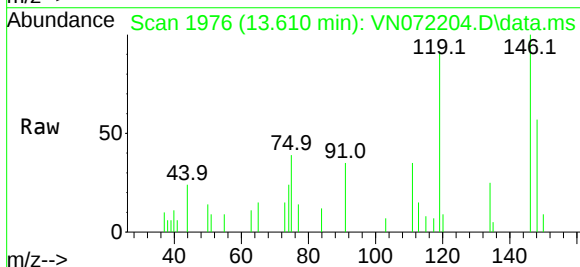
Tgt Ion:146 Resp: 5316

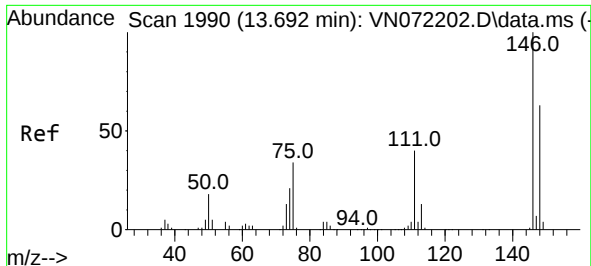
Ion Ratio Lower Upper

146 100

111 37.1 20.0 60.0

148 63.7 32.0 96.0

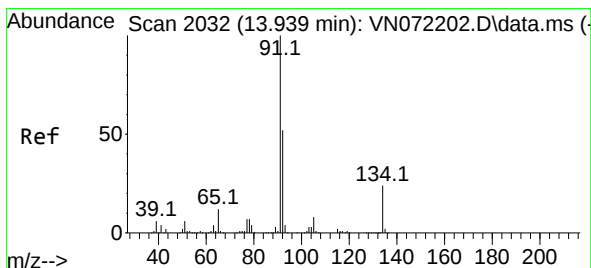
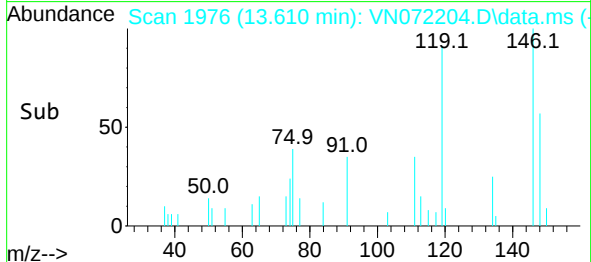
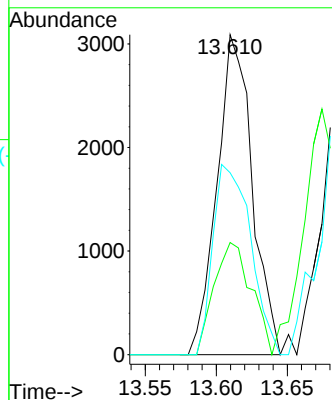
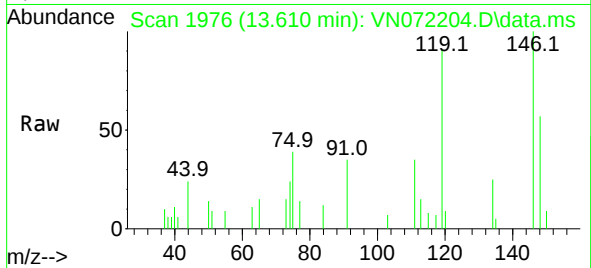




#88
1,4-Dichlorobenzene
Concen: 0.810 ug/l
RT: 13.610 min Scan# 1990
Delta R.T. -0.082 min
Lab File: VN072204.D
Acq: 26 Apr 2022 17:14

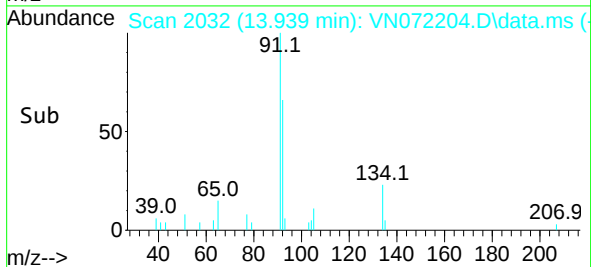
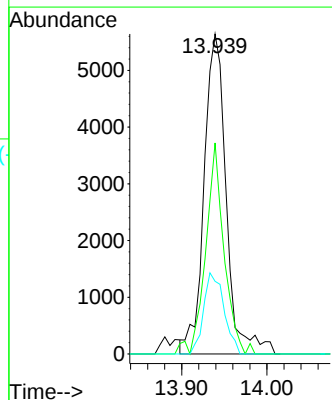
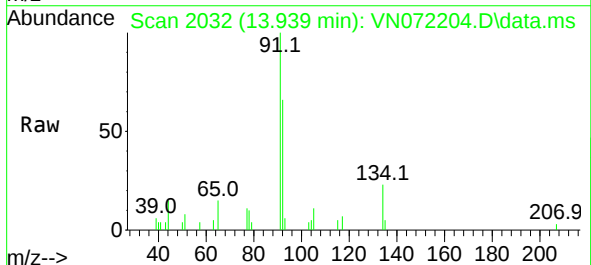
Instrument :
MSVOA_N
ClientSampleId :
IBLK

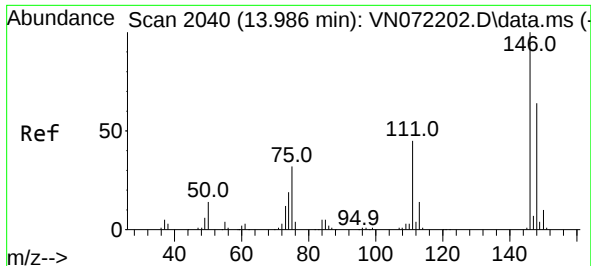
Tgt Ion:146 Resp: 5316
Ion Ratio Lower Upper
146 100
111 37.1 19.1 57.1
148 63.7 31.4 94.3



#89
n-Butylbenzene
Concen: 1.016 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VN072204.D
Acq: 26 Apr 2022 17:14

Tgt Ion: 91 Resp: 10196
Ion Ratio Lower Upper
91 100
92 54.8 26.9 80.7
134 23.2 13.6 40.8

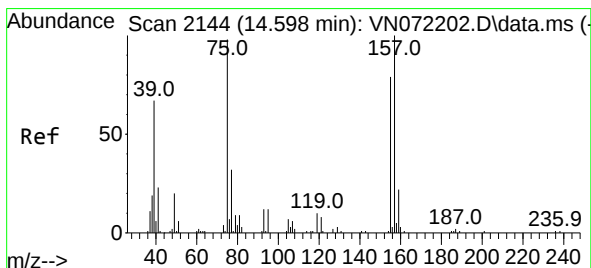
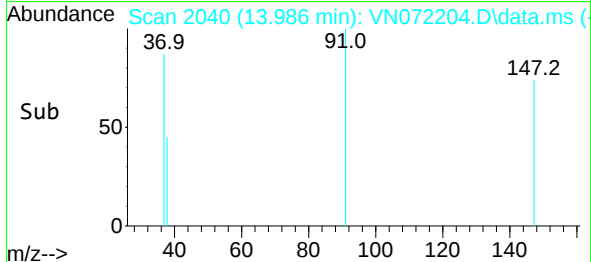
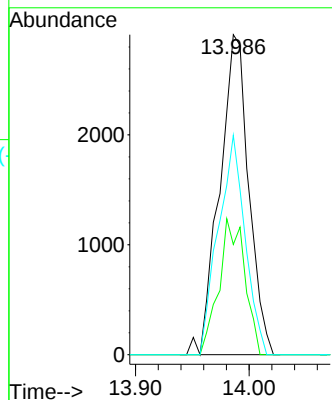
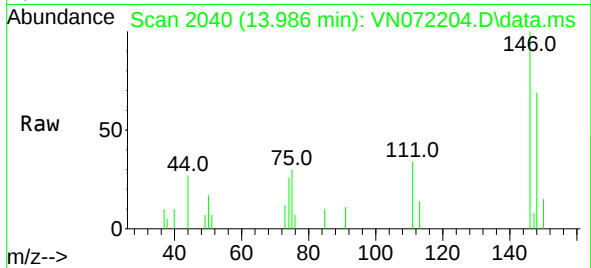




#91
1,2-Dichlorobenzene
Concen: 0.780 ug/l
RT: 13.986 min Scan# 2040
Delta R.T. 0.000 min
Lab File: VN072204.D
Acq: 26 Apr 2022 17:14

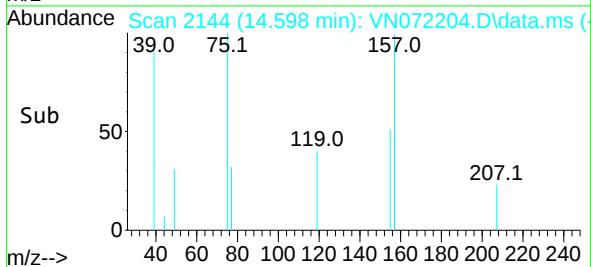
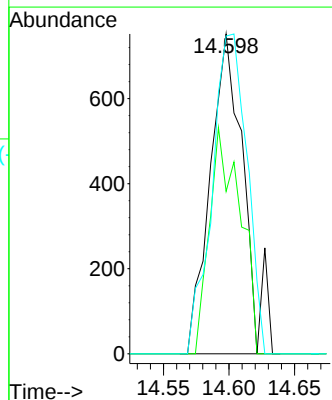
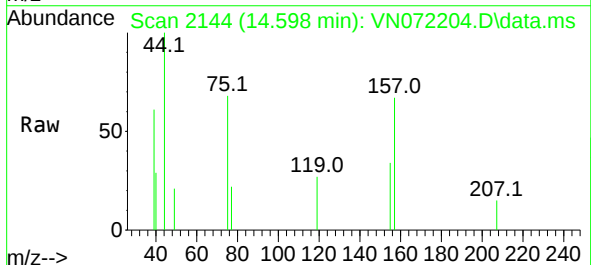
Instrument :
MSVOA_N
ClientSampleId :
IBLK

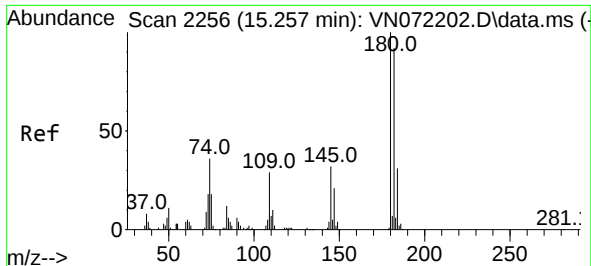
Tgt Ion:146 Resp: 5188
Ion Ratio Lower Upper
146 100
111 37.6 20.9 62.8
148 63.0 32.1 96.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 1.101 ug/l
RT: 14.598 min Scan# 2144
Delta R.T. -0.000 min
Lab File: VN072204.D
Acq: 26 Apr 2022 17:14

Tgt Ion: 75 Resp: 1343
Ion Ratio Lower Upper
75 100
155 64.5 44.9 134.5
157 103.1 59.0 176.8

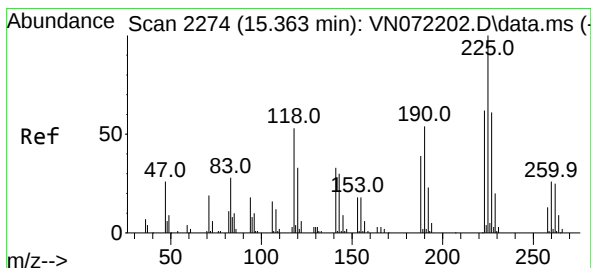
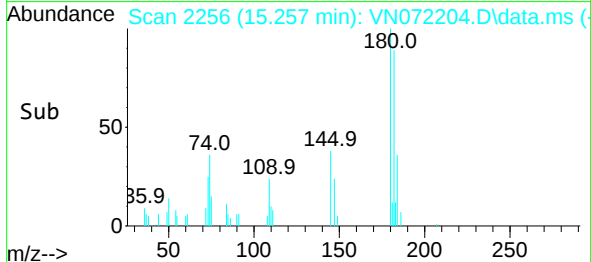
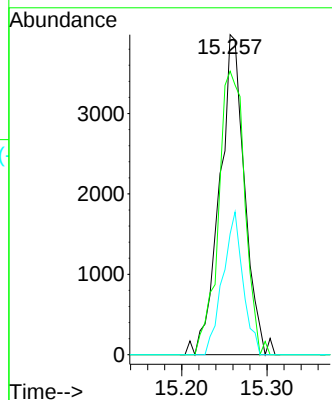
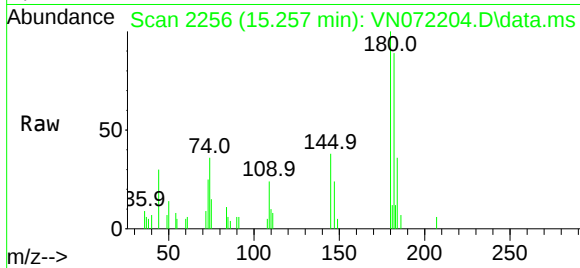




#93
1,2,4-Trichlorobenzene
Concen: 4.937 ug/l
RT: 15.257 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN072204.D
Acq: 26 Apr 2022 17:14

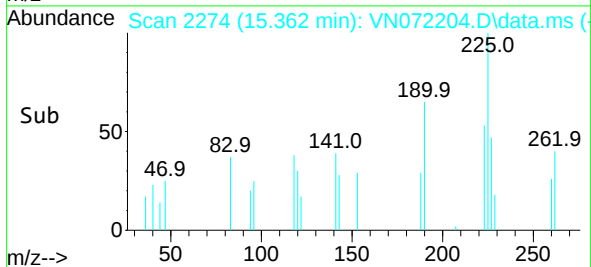
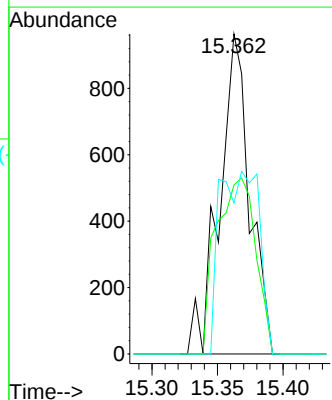
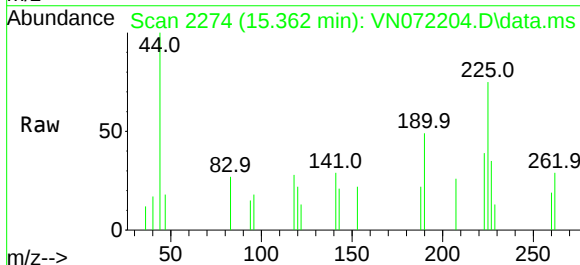
Instrument :
MSVOA_N
ClientSampleId :
IBLK

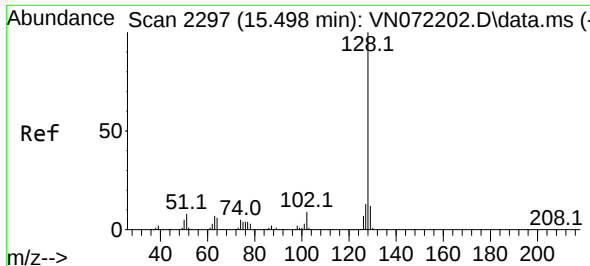
Tgt Ion:180 Resp: 8135
Ion Ratio Lower Upper
180 100
182 92.9 47.5 142.5
145 36.0 14.5 43.5



#94
Hexachlorobutadiene
Concen: 0.863 ug/l
RT: 15.362 min Scan# 2274
Delta R.T. -0.001 min
Lab File: VN072204.D
Acq: 26 Apr 2022 17:14

Tgt Ion:225 Resp: 1539
Ion Ratio Lower Upper
225 100
223 71.7 32.4 97.2
227 34.4 31.8 95.4

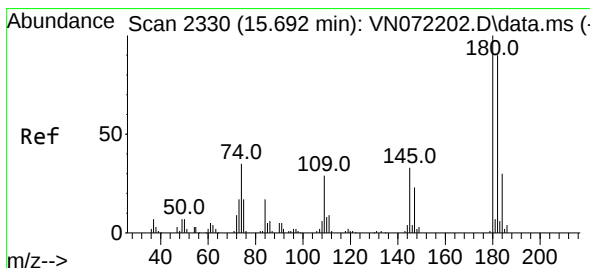
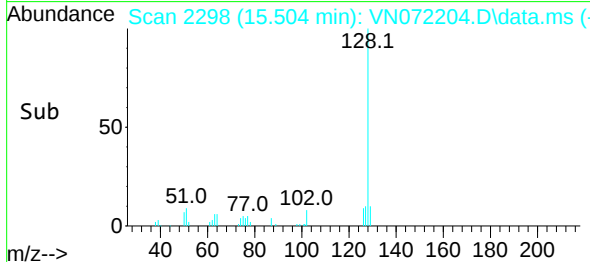
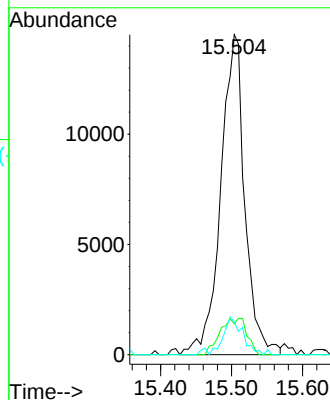
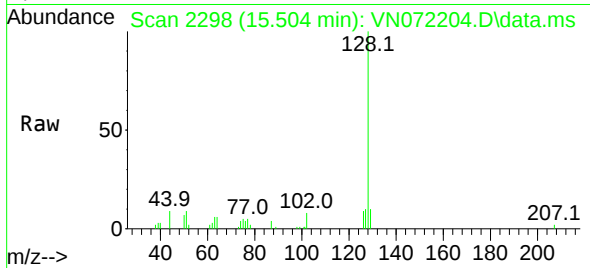




#95
Naphthalene
Concen: 7.323 ug/l
RT: 15.504 min Scan# 2298
Delta R.T. 0.006 min
Lab File: VN072204.D
Acq: 26 Apr 2022 17:14

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:128	Resp:	34204
Ion Ratio	Lower	Upper
128	100	
127	12.6	10.3 15.5
129	9.3	8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 5.771 ug/l
RT: 15.692 min Scan# 2330
Delta R.T. -0.000 min
Lab File: VN072204.D
Acq: 26 Apr 2022 17:14

Tgt Ion:180	Resp:	10028
Ion Ratio	Lower	Upper
180	100	
182	99.3	47.8 143.3
145	35.7	15.5 46.5

