

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081122\
 Data File : VN073834.D
 Acq On : 11 Aug 2022 18:56
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Aug 12 06:08:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 10 05:09:32 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	429547	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	661838	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	619348	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	303361	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	227033	43.371	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	86.740%
35) Dibromofluoromethane	7.951	113	217943	52.442	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.880%
50) Toluene-d8	10.380	98	699455	42.769	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	85.540%#
62) 4-Bromofluorobenzene	12.674	95	266586	46.631	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.260%
Target Compounds						
					Qvalue	
3) Chloromethane	2.269	50	1709	Below Cal		91
5) Bromomethane	2.834	94	4590	1.086	ug/l	87
6) Chloroethane	2.963	64	91	Below Cal	#	83
13) Acrolein	3.987	56	879	0.785	ug/l	94
15) Acrylonitrile	5.475	53	2125	0.680	ug/l	# 83
16) Acetone	4.257	43	2791	0.993	ug/l	# 87
17) Carbon Disulfide	4.457	76	6179	0.572	ug/l	98
18) Methyl Acetate	4.792	43	4024	0.575	ug/l	# 85
20) Methylene Chloride	5.010	84	3223	Below Cal	#	76
25) 2-Butanone	7.269	43	3268	0.748	ug/l	# 80
29) Tetrahydrofuran	7.628	42	1274	0.461	ug/l	# 67
31) Cyclohexane	8.010	56	8386	1.076	ug/l	# 10
36) 1,1-Dichloropropene	8.145	75	1599	0.270	ug/l	# 64
38) Carbon Tetrachloride	8.022	117	38025	6.321	ug/l	# 17
44) Trichloroethene	9.151	130	1225	0.251	ug/l	97
49) 1,4-Dioxane	9.510	88	143	1.100	ug/l	# 1
51) 4-Methyl-2-Pentanone	10.274	43	3585	0.474	ug/l	# 85
59) 2-Hexanone	11.027	43	6663	1.164	ug/l	93
64) Tetrachloroethene	10.922	164	1365	0.277	ug/l	# 69
65) Chlorobenzene	11.710	112	2751	0.209	ug/l	# 88
68) m/p-Xylenes	11.898	106	2778	0.328	ug/l	85
74) N-amyl acetate	12.333	43	3311	0.395	ug/l	# 78
76) 1,2,3-Trichloropropane	12.674	75	135487	22.614	ug/l	# 1
77) Bromobenzene	12.804	156	1601	0.277	ug/l	94
78) n-propylbenzene	12.863	91	5423	0.217	ug/l	95
79) 2-Chlorotoluene	12.957	91	3524	0.226	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.674	75	135487	57.879	ug/l	# 10
82) 4-Chlorotoluene	13.045	91	4223	0.286	ug/l	99
87) 1,3-Dichlorobenzene	13.557	146	4224	0.400	ug/l	97
88) 1,4-Dichlorobenzene	13.557	146	4224	0.400	ug/l	97
89) n-Butylbenzene	13.886	91	5586	0.389	ug/l	88
91) 1,2-Dichlorobenzene	13.927	146	4029	0.377	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.539	75	1061	0.616	ug/l	99
93) 1,2,4-Trichlorobenzene	15.198	180	7542	1.420	ug/l	97
94) Hexachlorobutadiene	15.292	225	1467	0.508	ug/l	80
95) Naphthalene	15.439	128	38801	2.251	ug/l	99

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QLast Update : Wed Aug 10 05:09:32 2022
Response via : Initial Calibration

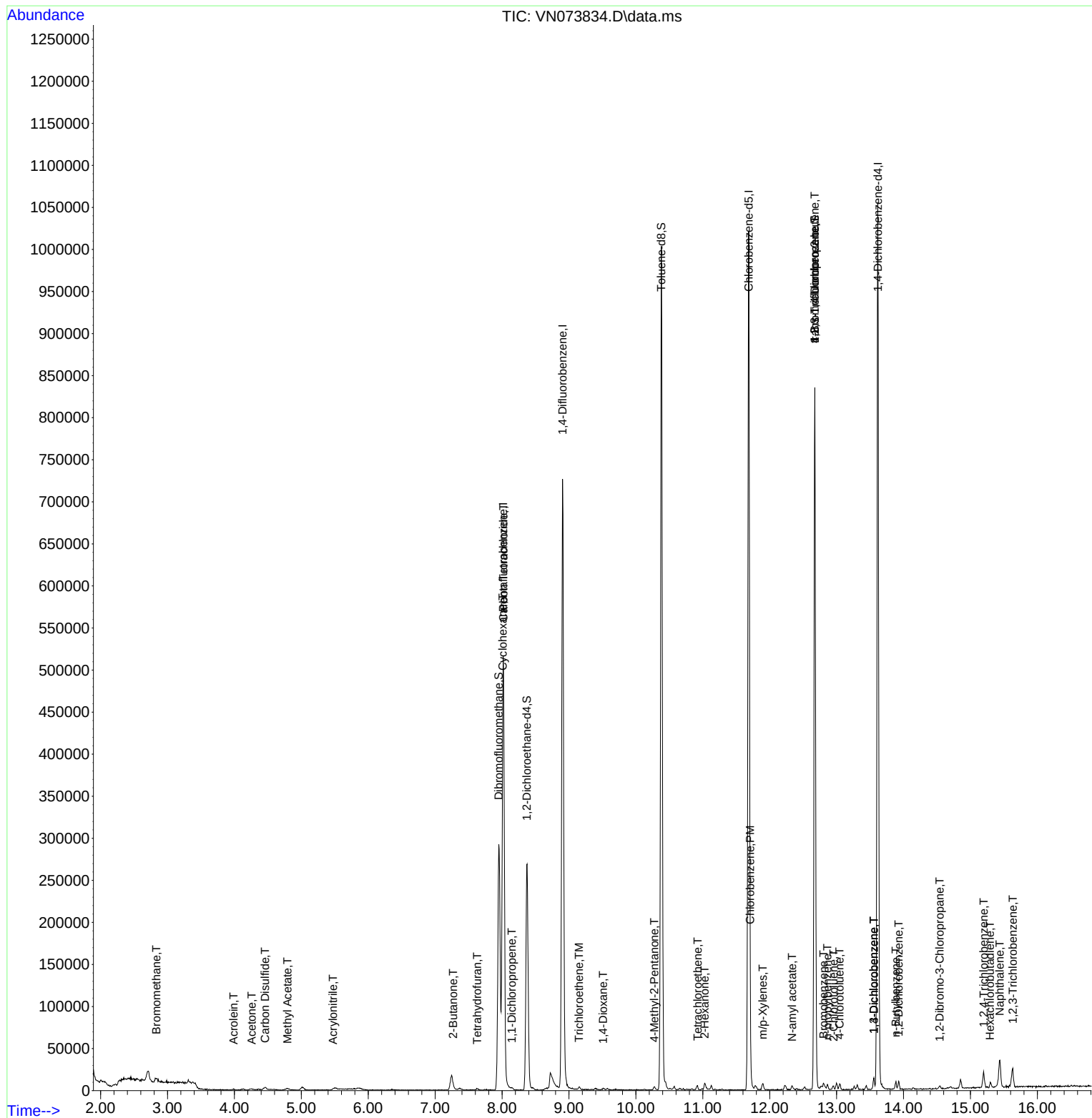
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 1,2,3-Trichlorobenzene	15.633	180	9614	1.720	ug/l	96

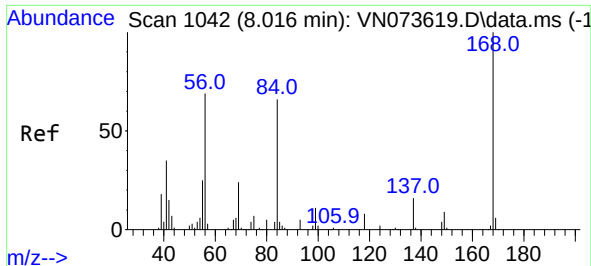
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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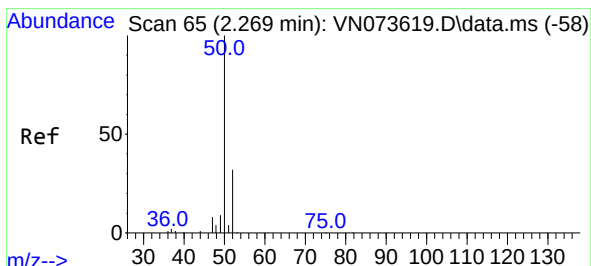
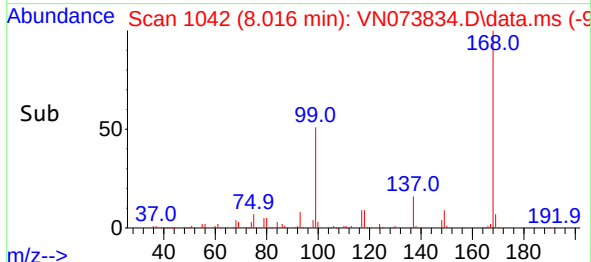
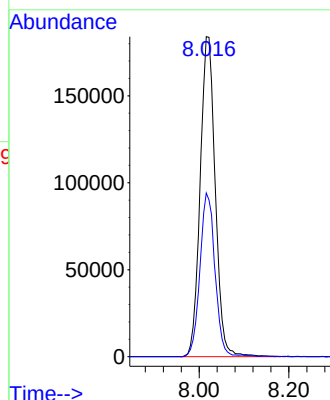
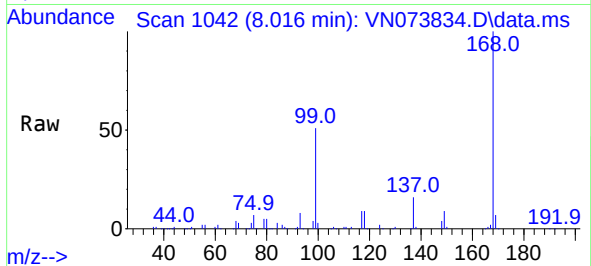




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073834.D
Acq: 11 Aug 2022 18:56

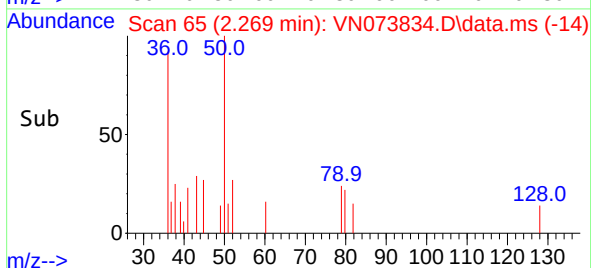
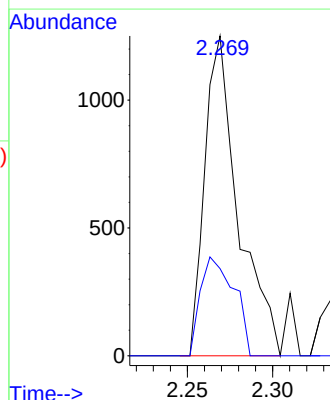
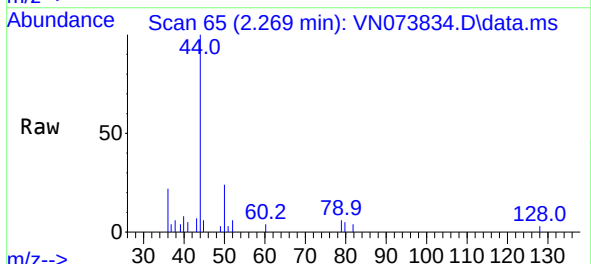
Instrument :
MSVOA_N
ClientSampleId :
IBLK

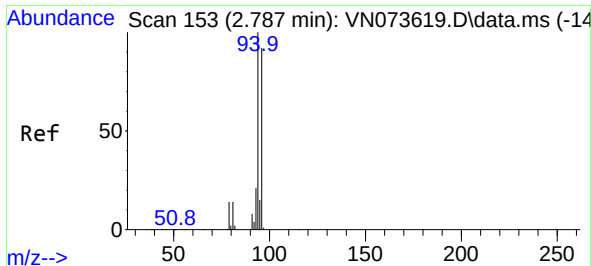
Tgt Ion:168 Resp: 429547
Ion Ratio Lower Upper
168 100
99 51.2 42.3 63.5



#3
Chloromethane
Concen: Below Cal
RT: 2.269 min Scan# 65
Delta R.T. 0.000 min
Lab File: VN073834.D
Acq: 11 Aug 2022 18:56

Tgt Ion: 50 Resp: 1709
Ion Ratio Lower Upper
50 100
52 27.3 25.7 38.5

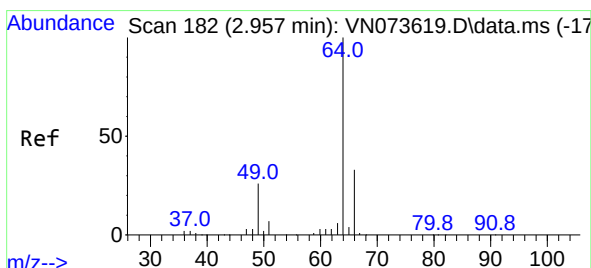
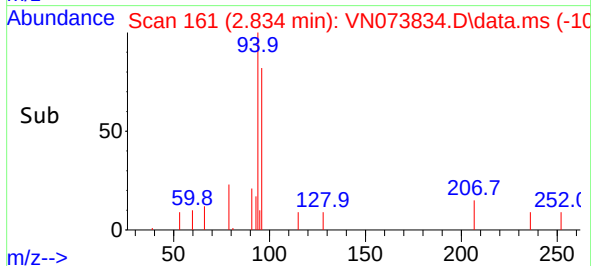
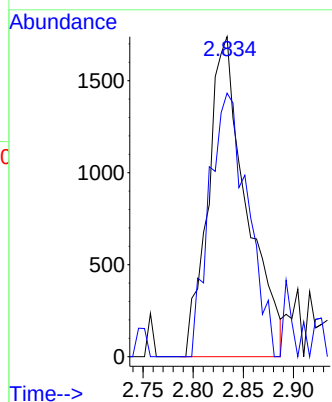
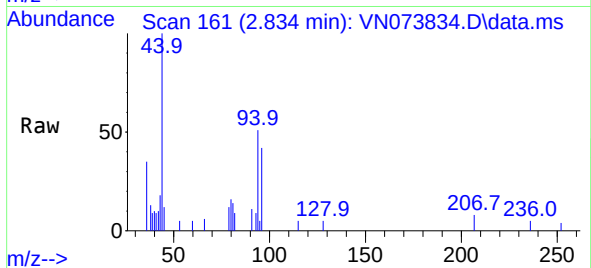




#5
Bromomethane
Concen: 1.086 ug/l
RT: 2.834 min Scan# 1
Delta R.T. 0.047 min
Lab File: VN073834.D
Acq: 11 Aug 2022 18:56

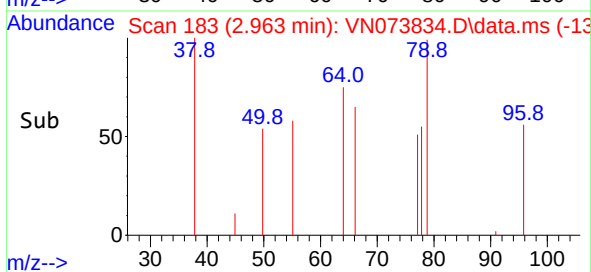
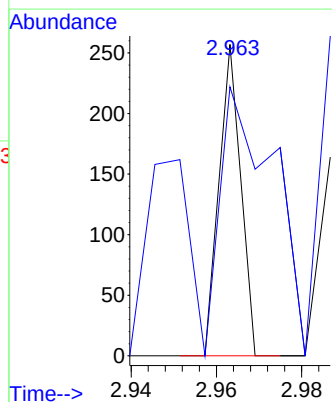
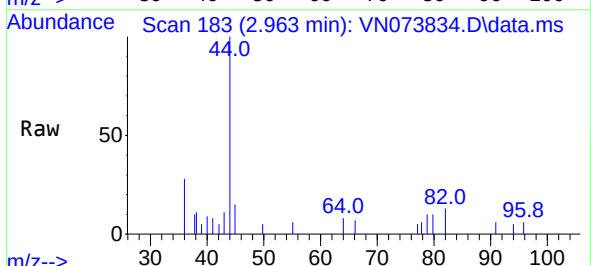
Instrument :
MSVOA_N
ClientSampleId :
IBLK

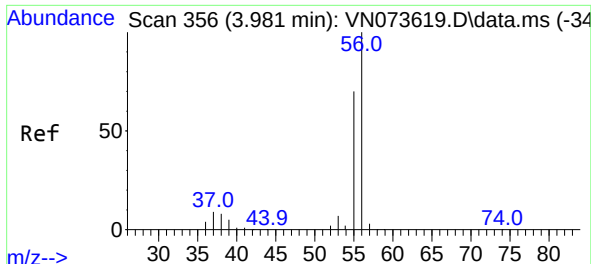
Tgt Ion: 94 Resp: 4590
Ion Ratio Lower Upper
94 100
96 82.3 76.0 114.0



#6
Chloroethane
Concen: Below Cal
RT: 2.963 min Scan# 183
Delta R.T. 0.006 min
Lab File: VN073834.D
Acq: 11 Aug 2022 18:56

Tgt Ion: 64 Resp: 91
Ion Ratio Lower Upper
64 100
66 23.3 26.2 39.4#

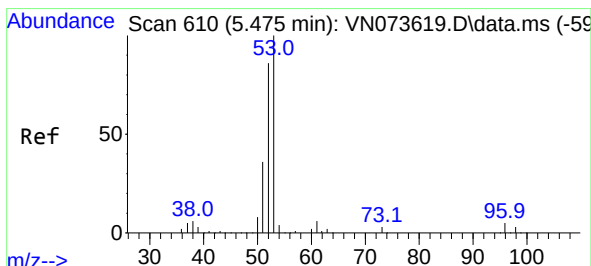
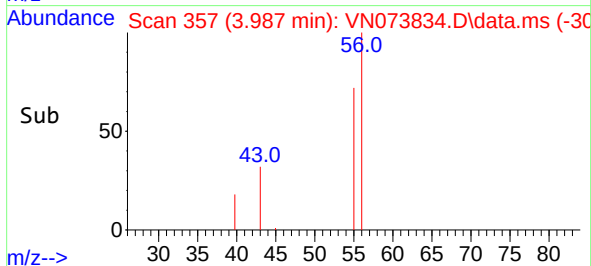
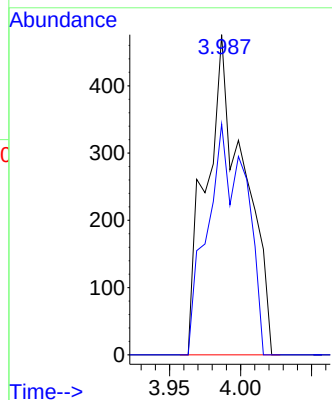
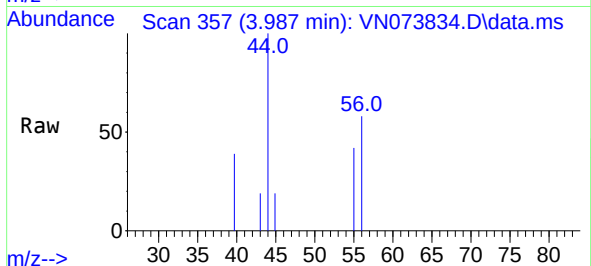




#13
Acrolein
Concen: 0.785 ug/l
RT: 3.987 min Scan# 356
Delta R.T. 0.006 min
Lab File: VN073834.D
Acq: 11 Aug 2022 18:56

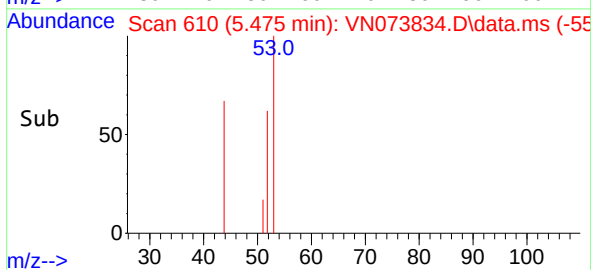
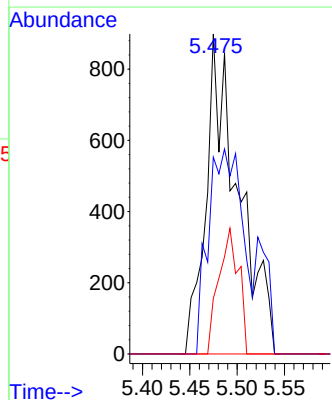
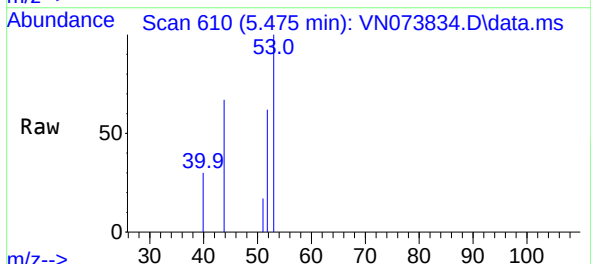
Instrument :
MSVOA_N
ClientSampleId :
IBLK

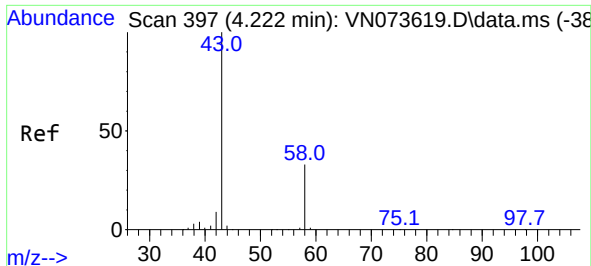
Tgt Ion: 56 Resp: 879
Ion Ratio Lower Upper
56 100
55 73.5 54.8 82.2



#15
Acrylonitrile
Concen: 0.680 ug/l
RT: 5.475 min Scan# 610
Delta R.T. -0.000 min
Lab File: VN073834.D
Acq: 11 Aug 2022 18:56

Tgt Ion: 53 Resp: 2125
Ion Ratio Lower Upper
53 100
52 68.0 66.4 99.6
51 24.4 28.5 42.7#

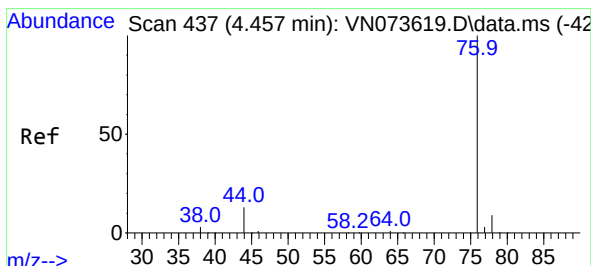
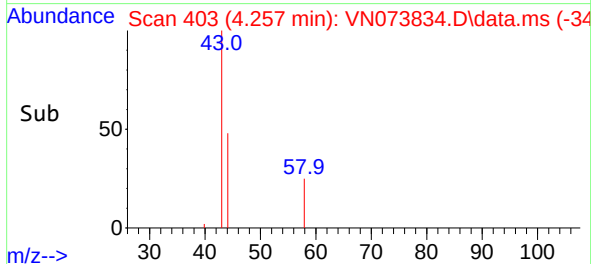
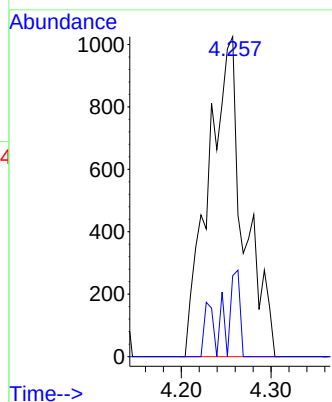
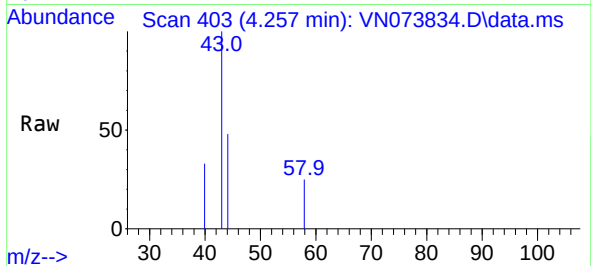




#16
Acetone
Concen: 0.993 ug/l
RT: 4.257 min Scan# 403
Delta R.T. 0.035 min
Lab File: VN073834.D
Acq: 11 Aug 2022 18:56

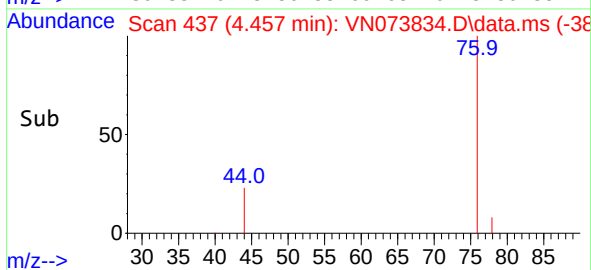
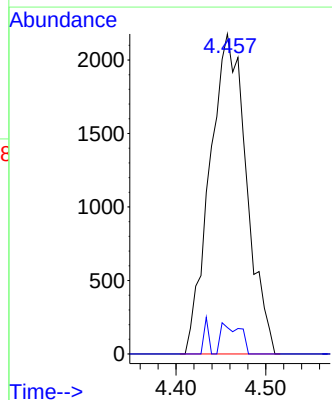
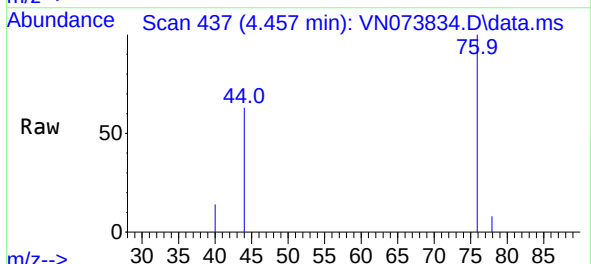
Instrument :
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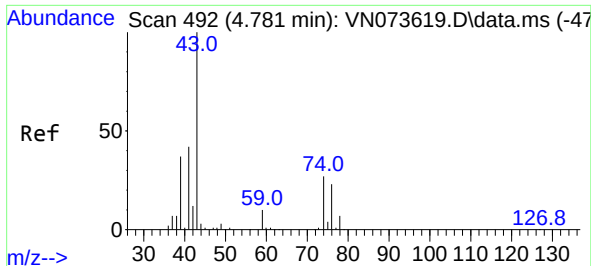
Tgt Ion: 43 Resp: 2791
Ion Ratio Lower Upper
43 100
58 25.3 26.0 39.0#



#17
Carbon Disulfide
Concen: 0.572 ug/l
RT: 4.457 min Scan# 437
Delta R.T. -0.000 min
Lab File: VN073834.D
Acq: 11 Aug 2022 18:56

Tgt Ion: 76 Resp: 6179
Ion Ratio Lower Upper
76 100
78 8.3 7.2 10.8





#18

Methyl Acetate

Concen: 0.575 ug/l

RT: 4.792 min Scan# 492

Delta R.T. 0.012 min

Lab File: VN073834.D

Acq: 11 Aug 2022 18:56

Instrument :

MSVOA_N

ClientSampleId :

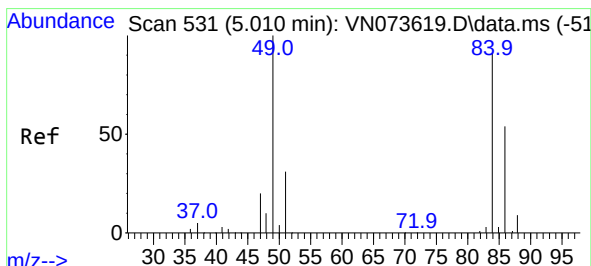
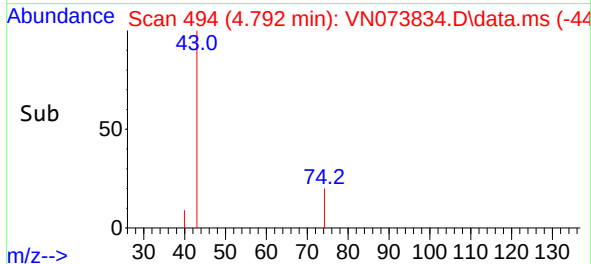
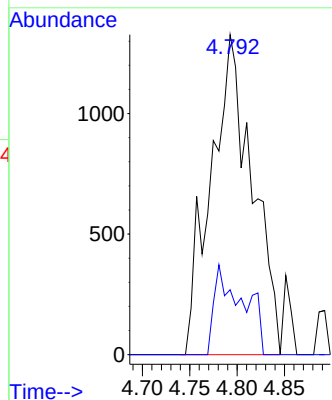
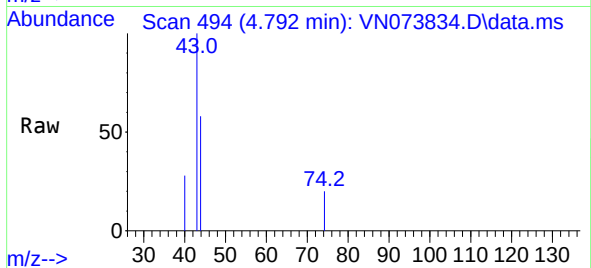
IBLK

Tgt Ion: 43 Resp: 4024

Ion Ratio Lower Upper

43 100

74 19.4 21.6 32.4#



#20

Methylene Chloride

Concen: Below Cal

RT: 5.010 min Scan# 531

Delta R.T. 0.000 min

Lab File: VN073834.D

Acq: 11 Aug 2022 18:56

Tgt Ion: 84 Resp: 3223

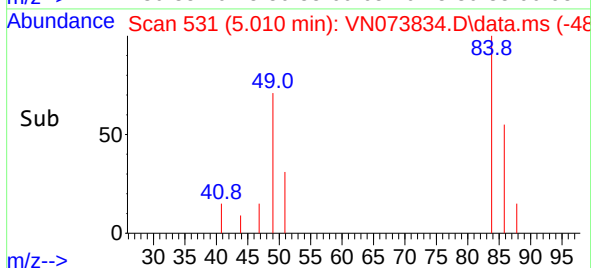
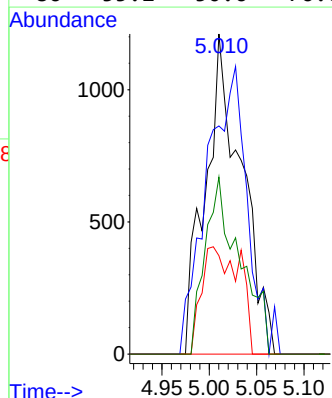
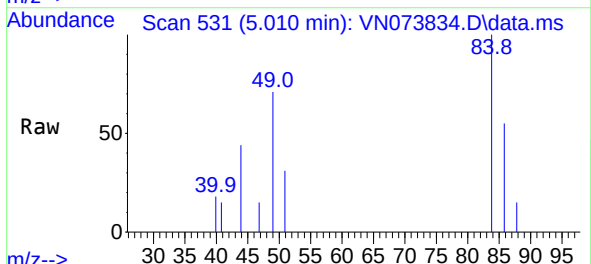
Ion Ratio Lower Upper

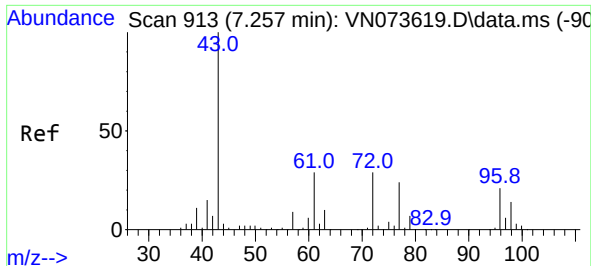
84 100

49 71.3 88.3 132.5#

51 30.7 28.2 42.2

86 55.2 50.6 76.0





#25

2-Butanone

Concen: 0.748 ug/l

RT: 7.269 min Scan# 915

Delta R.T. 0.012 min

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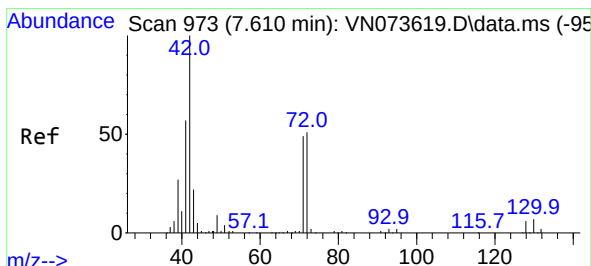
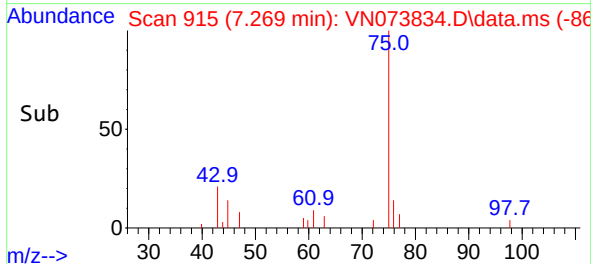
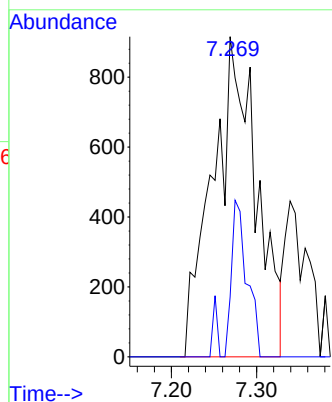
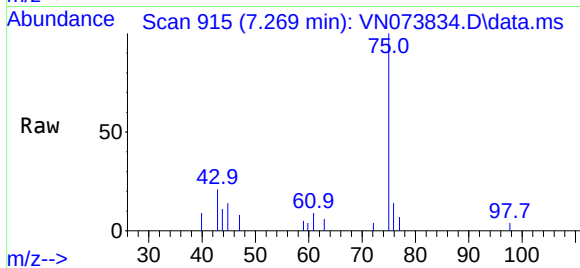
IBLK

Tgt Ion: 43 Resp: 3268

Ion Ratio Lower Upper

43 100

72 18.7 23.7 35.5#



#29

Tetrahydrofuran

Concen: 0.461 ug/l

RT: 7.628 min Scan# 976

Delta R.T. 0.018 min

Lab File: VN073834.D

Acq: 11 Aug 2022 18:56

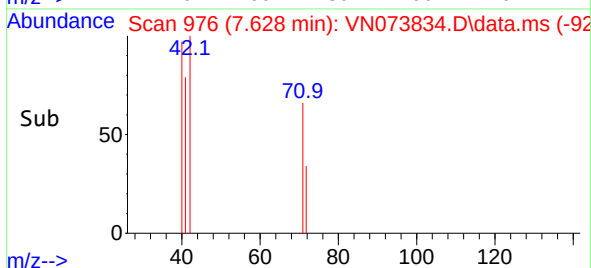
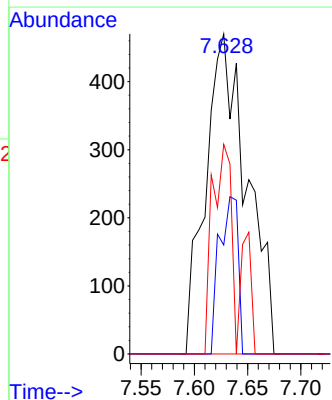
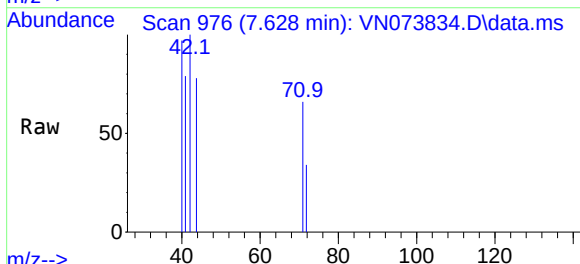
Tgt Ion: 42 Resp: 1274

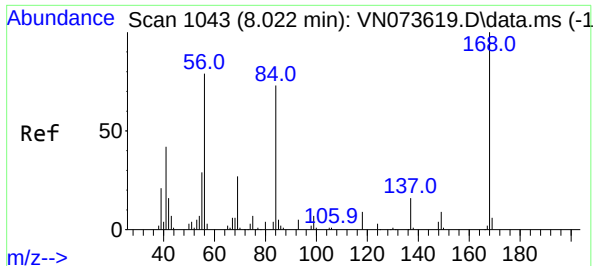
Ion Ratio Lower Upper

42 100

72 22.0 39.7 59.5#

71 29.5 36.6 55.0#

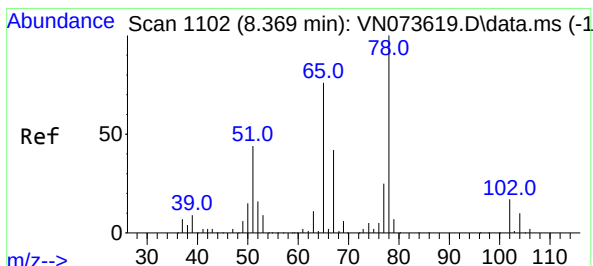
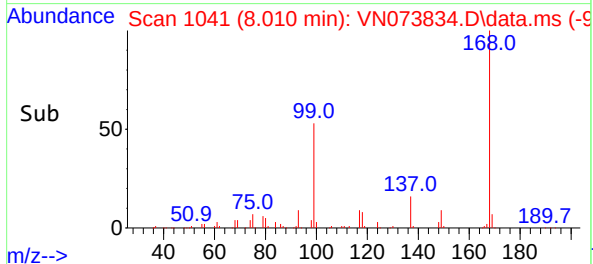
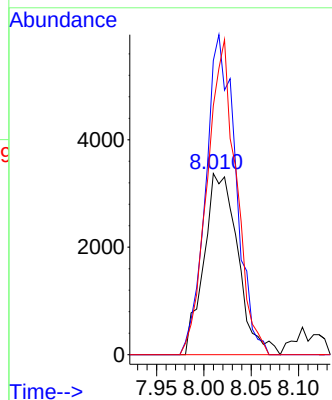
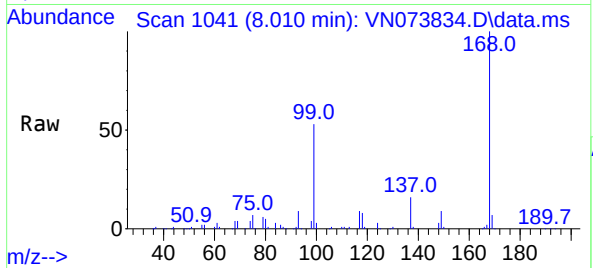




#31
Cyclohexane
Concen: 1.076 ug/l
RT: 8.010 min Scan# 1041
Delta R.T. -0.012 min
Lab File: VN073834.D
Acq: 11 Aug 2022 18:56

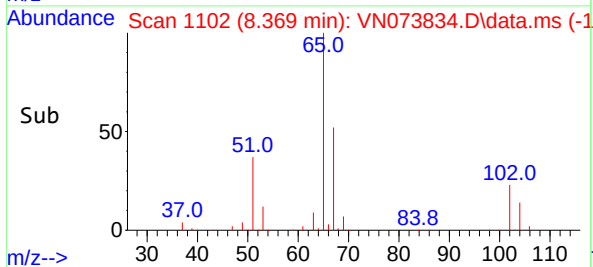
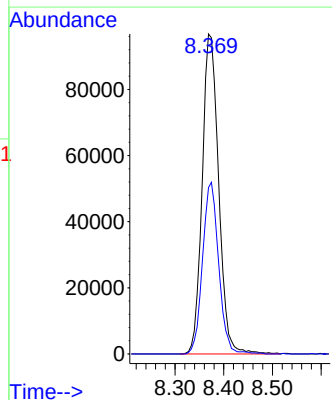
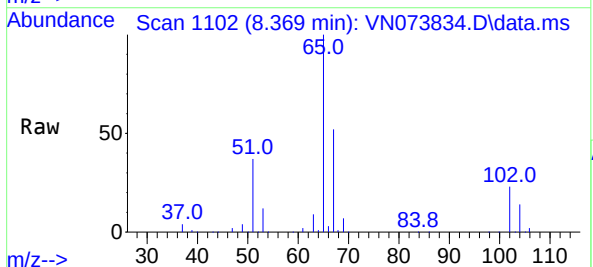
Instrument :
MSVOA_N
ClientSampleId :
IBLK

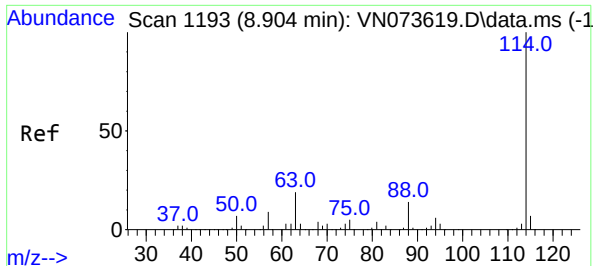
Tgt Ion: 56 Resp: 8386
Ion Ratio Lower Upper
56 100
69 162.3 27.8 41.8#
84 137.5 76.9 115.3#



#33
1,2-Dichloroethane-d4
Concen: 43.371 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN073834.D
Acq: 11 Aug 2022 18:56

Tgt Ion: 65 Resp: 227033
Ion Ratio Lower Upper
65 100
67 52.5 0.0 104.8

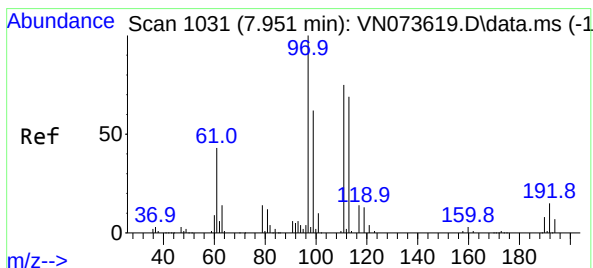
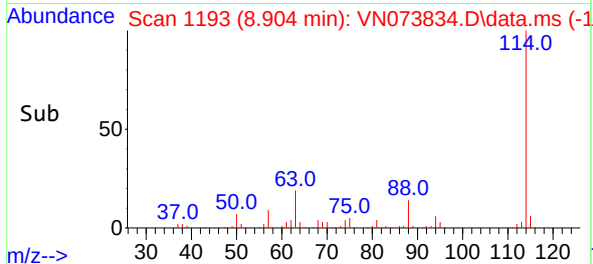
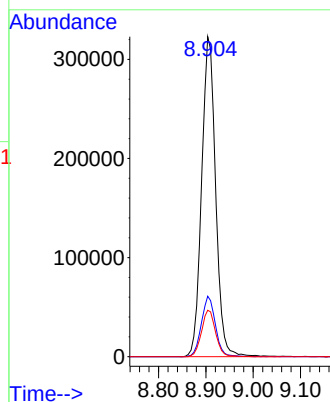
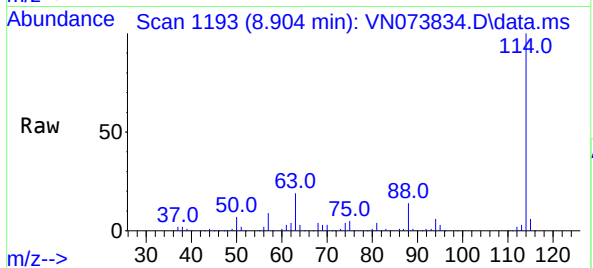




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.904 min Scan# 1193
Delta R.T. -0.000 min
Lab File: VN073834.D
Acq: 11 Aug 2022 18:56

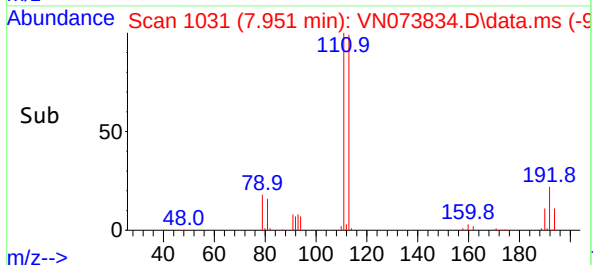
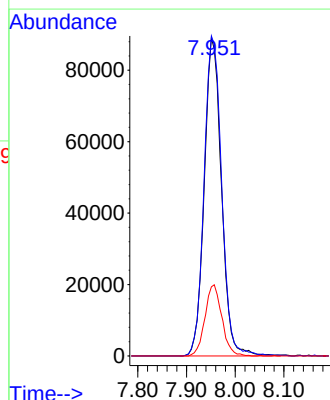
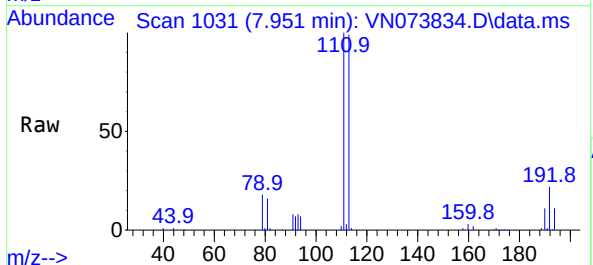
Instrument :
MSVOA_N
ClientSampleId :
IBLK

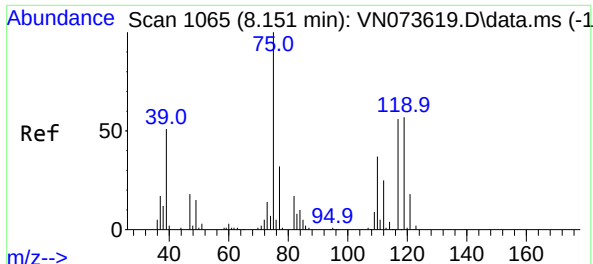
Tgt Ion:114 Resp: 661838
Ion Ratio Lower Upper
114 100
63 18.9 0.0 40.0
88 14.5 0.0 32.6



#35
Dibromofluoromethane
Concen: 52.442 ug/l
RT: 7.951 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VN073834.D
Acq: 11 Aug 2022 18:56

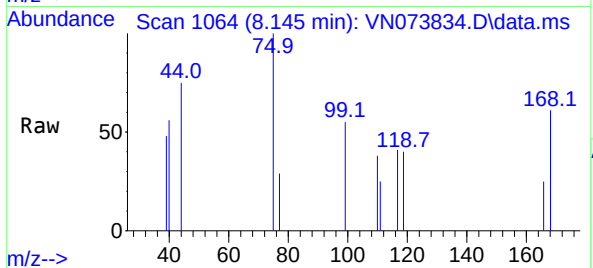
Tgt Ion:113 Resp: 217943
Ion Ratio Lower Upper
113 100
111 103.0 81.4 122.0
192 22.0 17.0 25.6



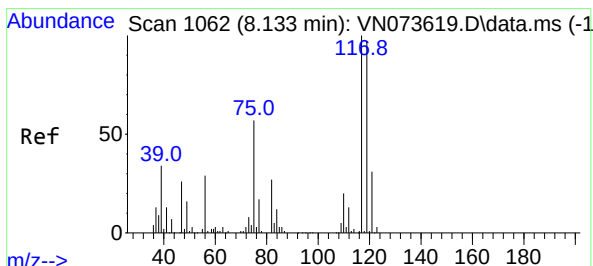
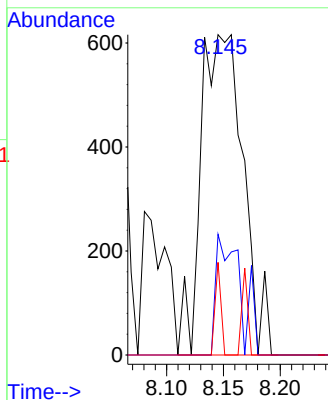
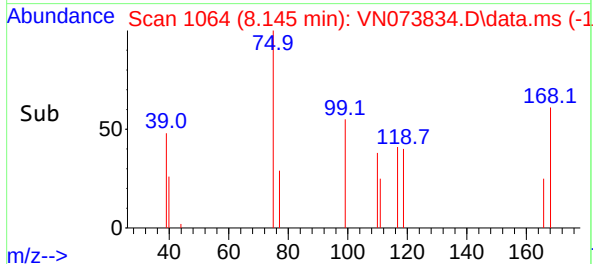


#36
1,1-Dichloropropene
Concen: 0.270 ug/l
RT: 8.145 min Scan# 1064
Delta R.T. -0.006 min
Lab File: VN073834.D
Acq: 11 Aug 2022 18:56

Instrument :
MSVOA_N
ClientSampleId :
IBLK

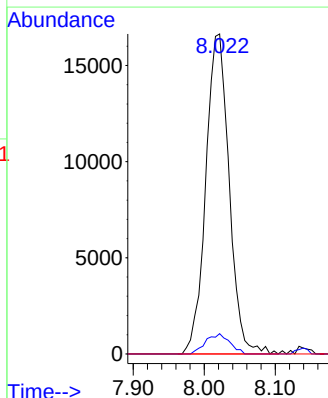
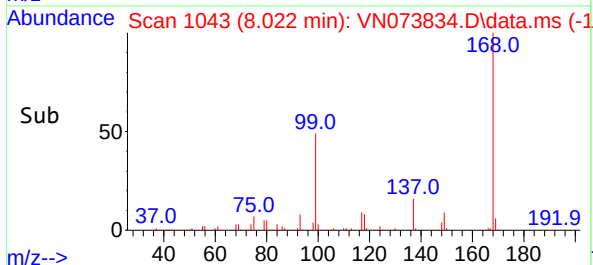
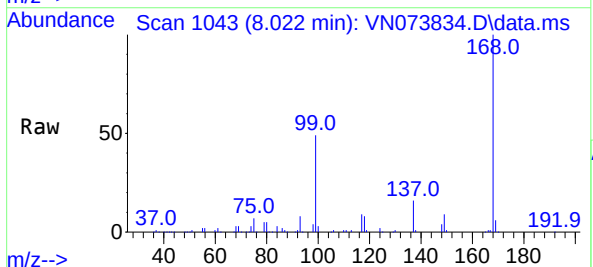


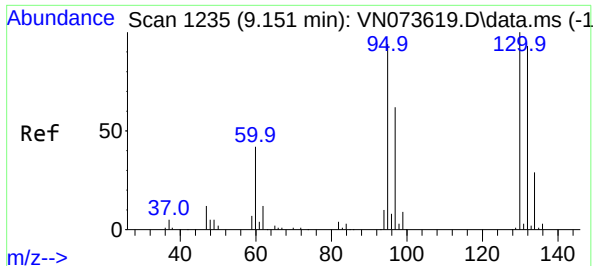
Tgt Ion: 75 Resp: 1599
Ion Ratio Lower Upper
75 100
110 21.8 18.3 54.8
77 3.9 25.1 37.7#



#38
Carbon Tetrachloride
Concen: 6.321 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. -0.112 min
Lab File: VN073834.D
Acq: 11 Aug 2022 18:56

Tgt Ion: 117 Resp: 38025
Ion Ratio Lower Upper
117 100
119 6.4 75.8 113.8#
121 0.0 24.6 37.0#

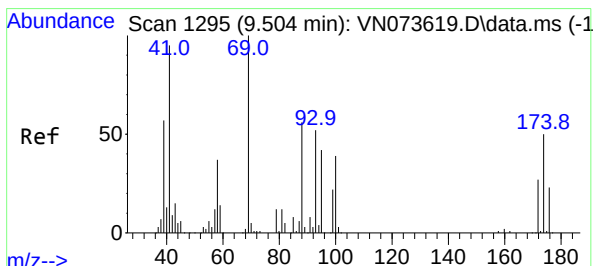
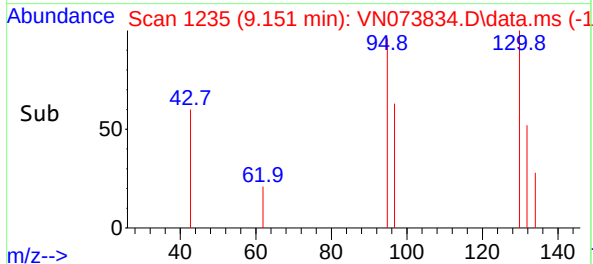
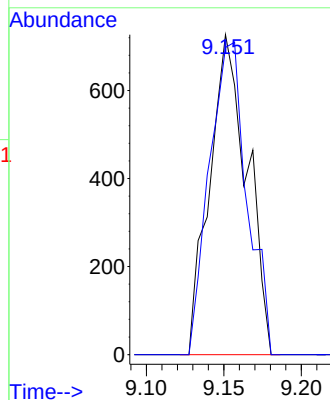
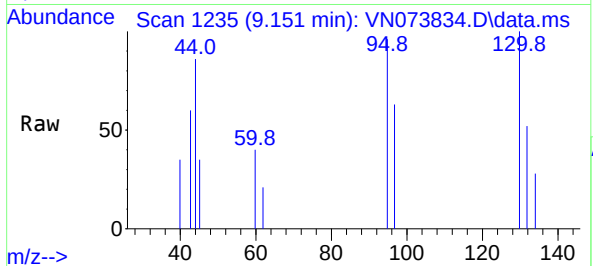




#44
Trichloroethene
Concen: 0.251 ug/l
RT: 9.151 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN073834.D
Acq: 11 Aug 2022 18:56

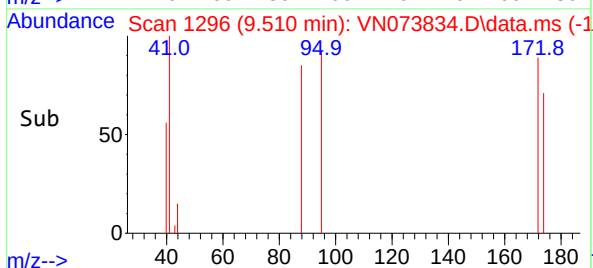
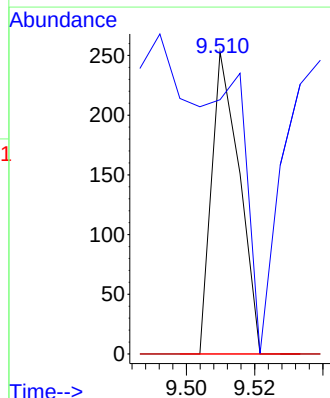
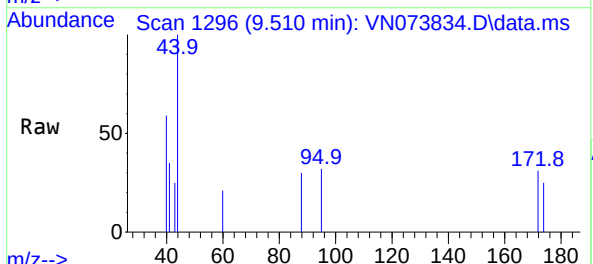
Instrument :
MSVOA_N
ClientSampleId :
IBLK

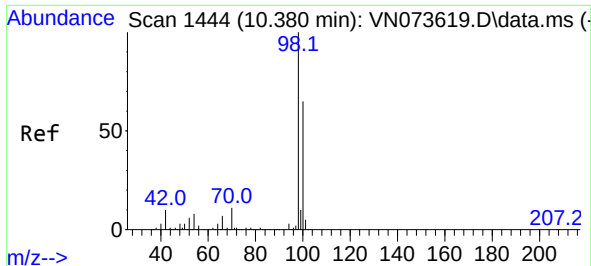
Tgt Ion:130 Resp: 1225
Ion Ratio Lower Upper
130 100
95 96.0 0.0 186.8



#49
1,4-Dioxane
Concen: 1.100 ug/l
RT: 9.510 min Scan# 1296
Delta R.T. 0.006 min
Lab File: VN073834.D
Acq: 11 Aug 2022 18:56

Tgt Ion: 88 Resp: 143
Ion Ratio Lower Upper
88 100
43 436.4 20.2 30.4#
58 0.0 54.2 81.4#

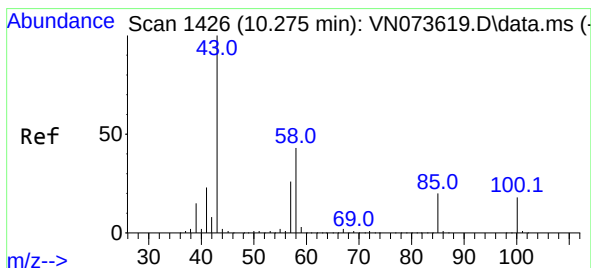
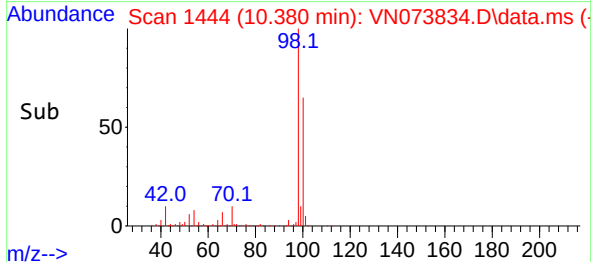
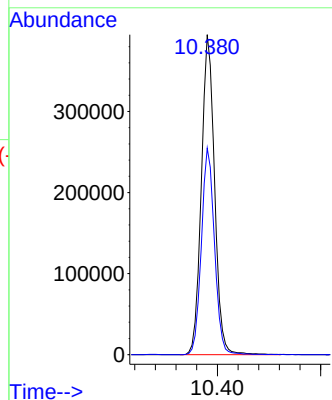
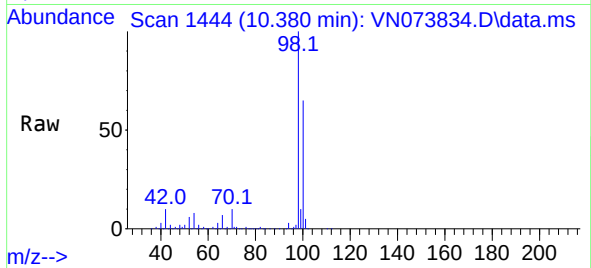




#50
Toluene-d8
Concen: 42.769 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN073834.D
Acq: 11 Aug 2022 18:56

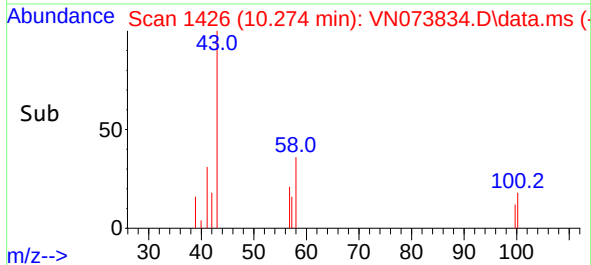
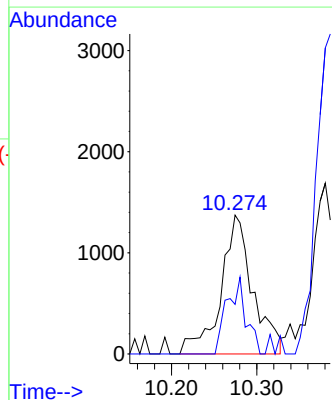
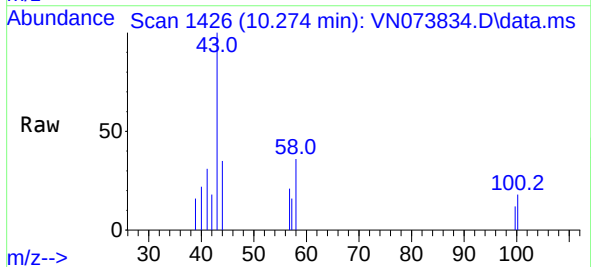
Instrument :
MSVOA_N
ClientSampleId :
IBLK

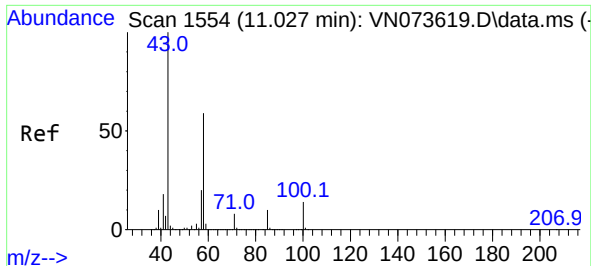
Tgt Ion: 98 Resp: 699455
Ion Ratio Lower Upper
98 100
100 64.2 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.474 ug/l
RT: 10.274 min Scan# 1426
Delta R.T. -0.001 min
Lab File: VN073834.D
Acq: 11 Aug 2022 18:56

Tgt Ion: 43 Resp: 3585
Ion Ratio Lower Upper
43 100
58 33.1 34.1 51.1#

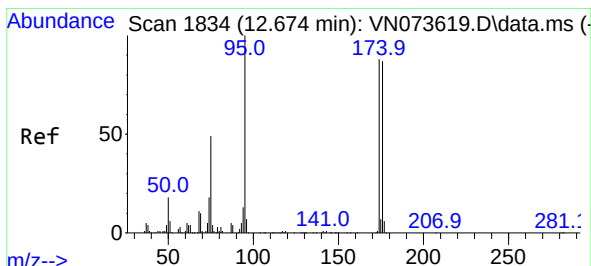
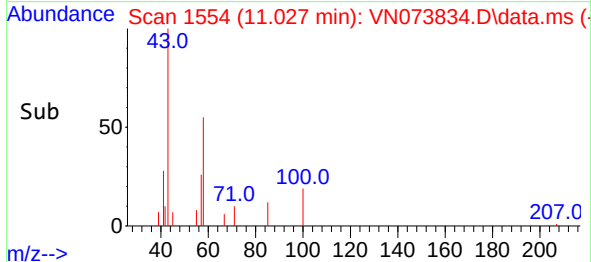
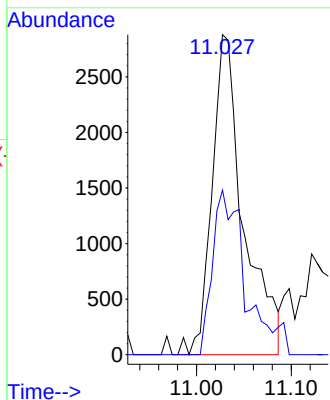
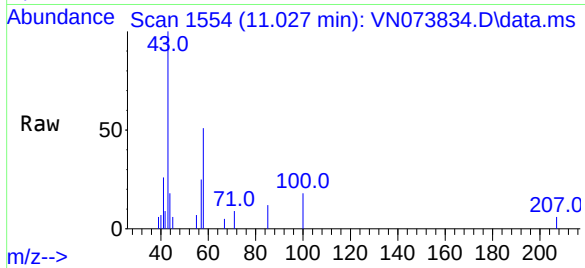




#59
2-Hexanone
Concen: 1.164 ug/l
RT: 11.027 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN073834.D
Acq: 11 Aug 2022 18:56

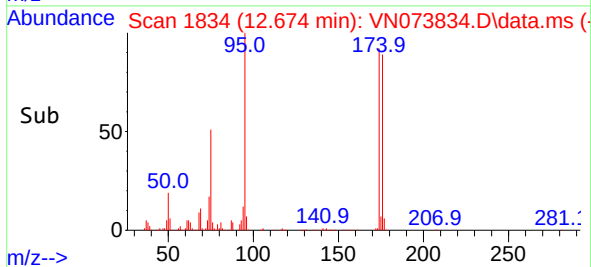
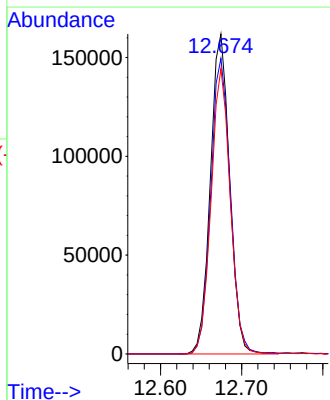
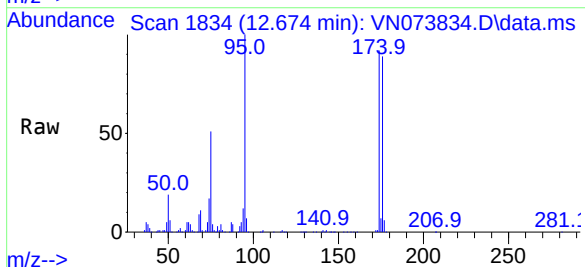
Instrument :
MSVOA_N
ClientSampleId :
IBLK

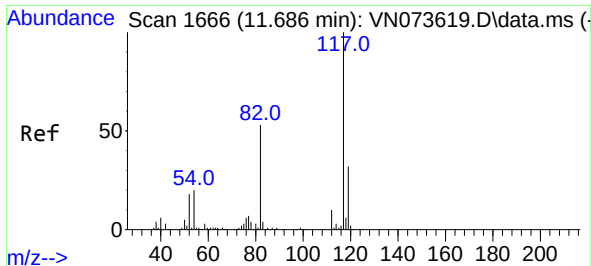
Tgt Ion: 43 Resp: 6663
Ion Ratio Lower Upper
43 100
58 54.0 29.7 89.1



#62
4-Bromofluorobenzene
Concen: 46.631 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN073834.D
Acq: 11 Aug 2022 18:56

Tgt Ion: 95 Resp: 266586
Ion Ratio Lower Upper
95 100
174 94.2 0.0 167.6
176 89.1 0.0 163.4

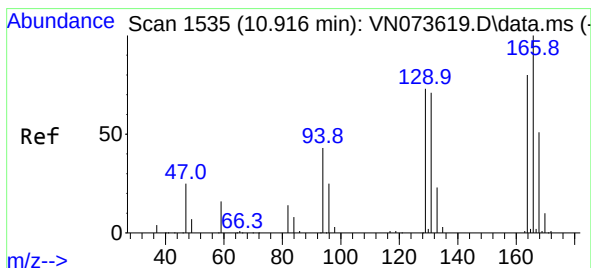
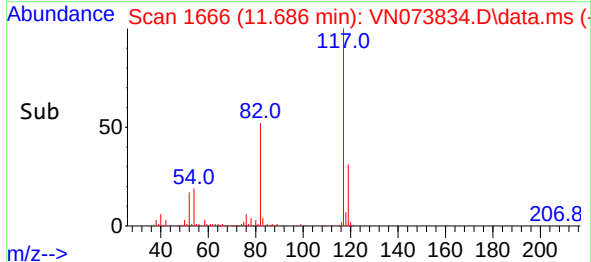
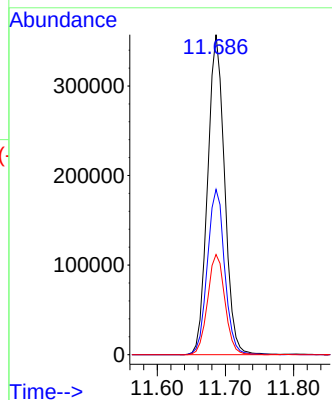
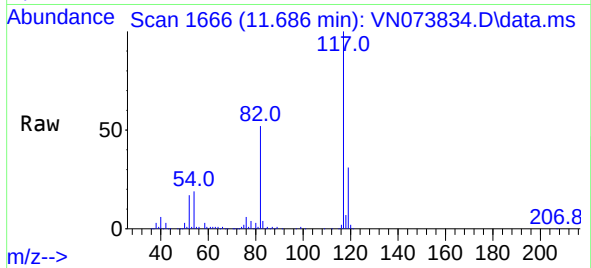




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VN073834.D
Acq: 11 Aug 2022 18:56

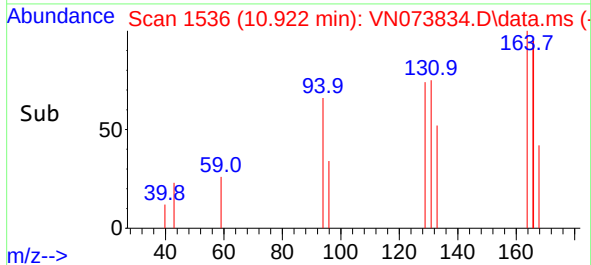
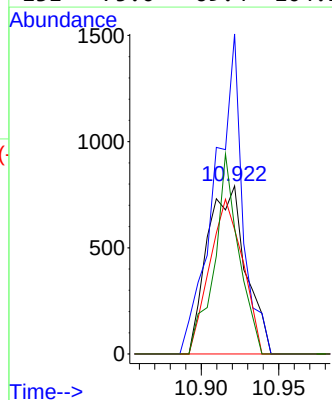
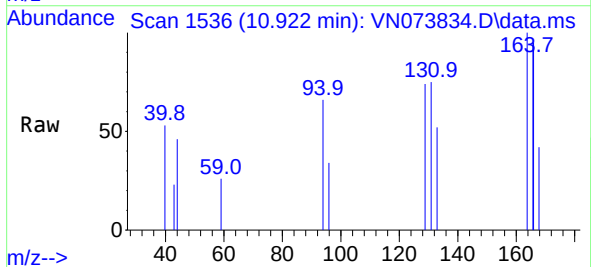
Instrument :
MSVOA_N
ClientSampleId :
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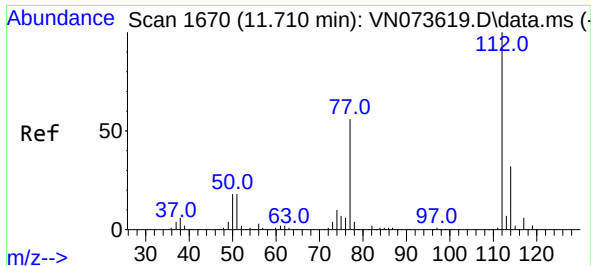
Tgt Ion:	117	Resp:	619348
Ion	Ratio	Lower	Upper
117	100		
82	51.7	44.2	66.2
119	31.3	25.4	38.0



#64
Tetrachloroethene
Concen: 0.277 ug/l
RT: 10.922 min Scan# 1536
Delta R.T. 0.006 min
Lab File: VN073834.D
Acq: 11 Aug 2022 18:56

Tgt Ion:	164	Resp:	1365
Ion	Ratio	Lower	Upper
164	100		
166	190.5	104.2	156.2
129	74.1	73.9	110.9
131	75.0	69.4	104.2

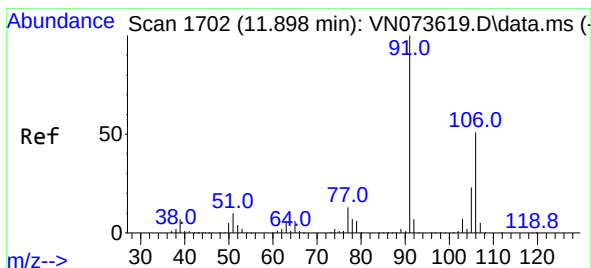
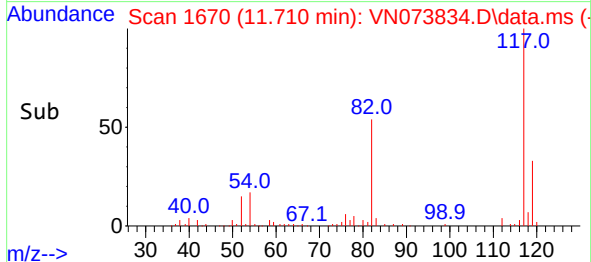
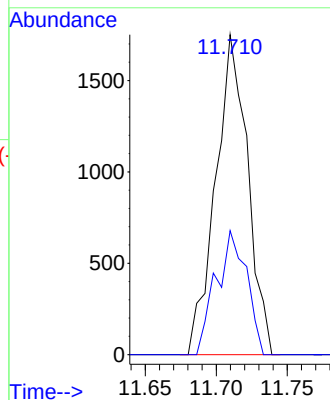
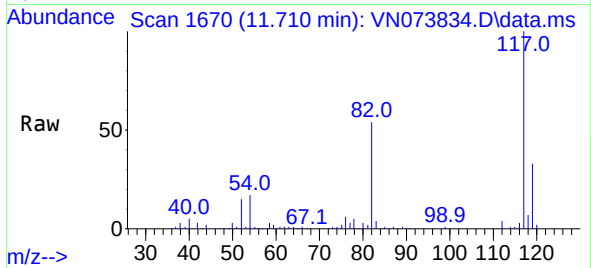




#65
Chlorobenzene
Concen: 0.209 ug/l
RT: 11.710 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN073834.D
Acq: 11 Aug 2022 18:56

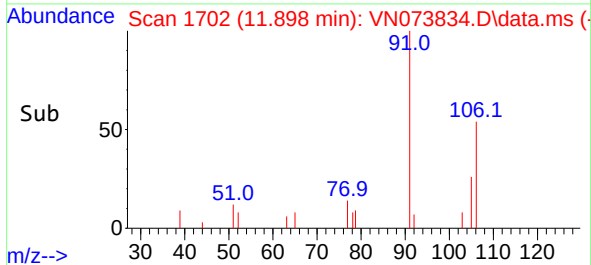
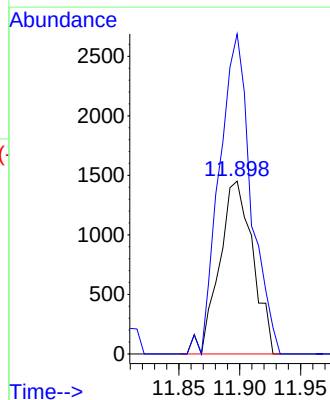
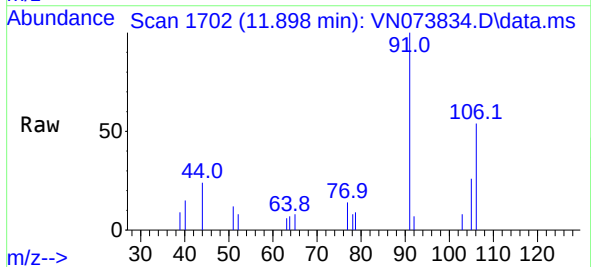
Instrument :
MSVOA_N
ClientSampleId :
IBLK

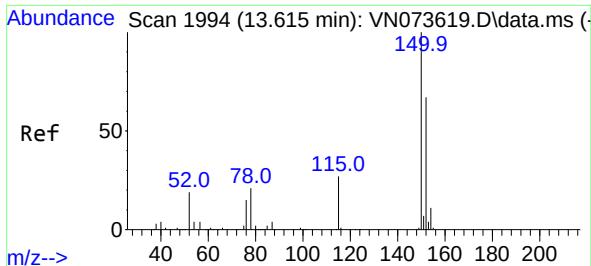
Tgt Ion:112 Resp: 2751
Ion Ratio Lower Upper
112 100
114 38.7 25.4 38.2#



#68
m/p-Xylenes
Concen: 0.328 ug/l
RT: 11.898 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN073834.D
Acq: 11 Aug 2022 18:56

Tgt Ion:106 Resp: 2778
Ion Ratio Lower Upper
106 100
91 176.7 158.9 238.3

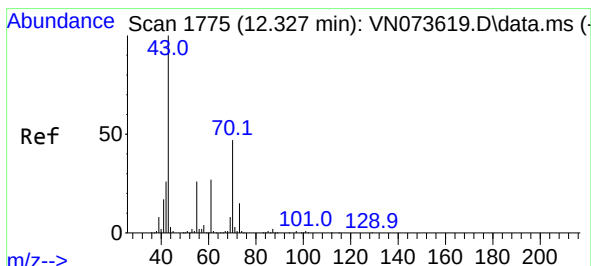
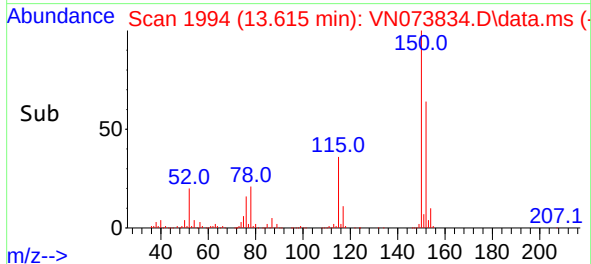
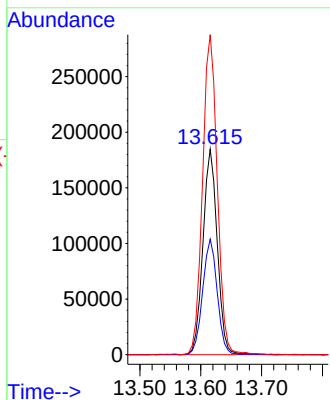
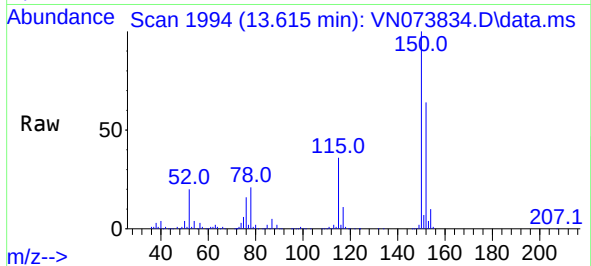




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.615 min Scan# 1994
Delta R.T. -0.000 min
Lab File: VN073834.D
Acq: 11 Aug 2022 18:56

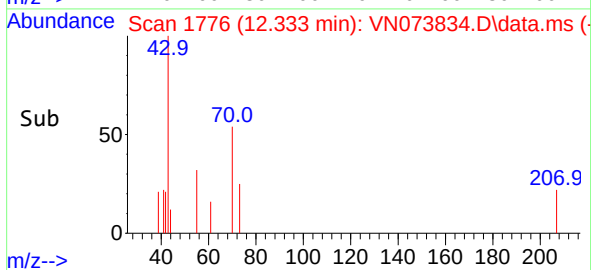
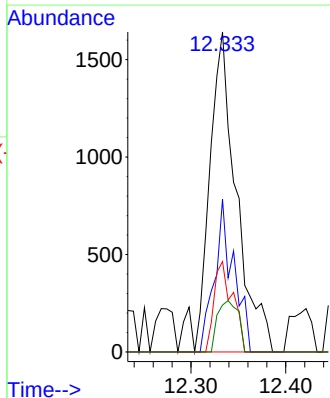
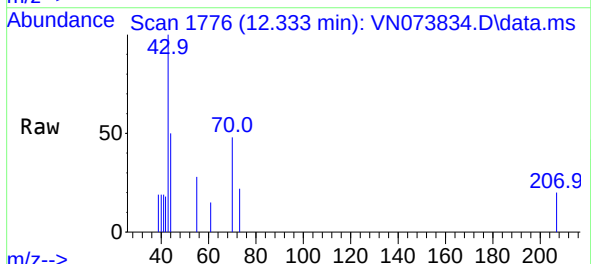
Instrument :
MSVOA_N
ClientSampleId :
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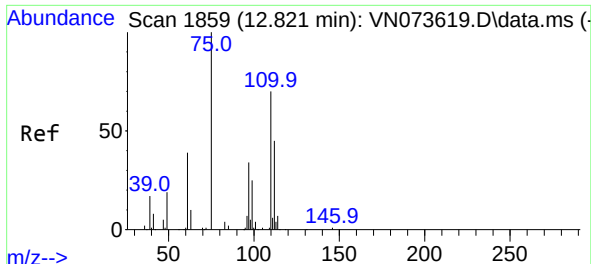
Tgt Ion:152 Resp: 303361
Ion Ratio Lower Upper
152 100
115 57.0 28.9 86.7
150 159.8 0.0 356.2



#74
N-ethyl acetate
Concen: 0.395 ug/l
RT: 12.333 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VN073834.D
Acq: 11 Aug 2022 18:56

Tgt Ion: 43 Resp: 3311
Ion Ratio Lower Upper
43 100
70 33.2 39.0 58.4#
55 19.1 21.1 31.7#
61 12.1 21.1 31.7#

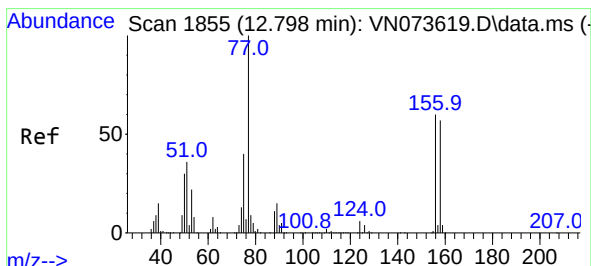
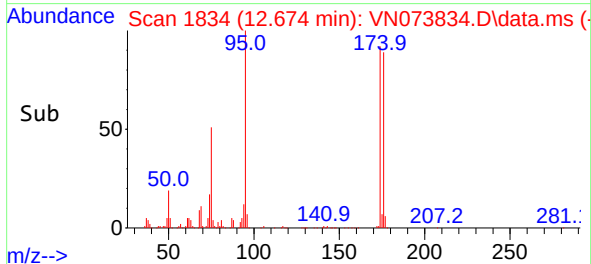
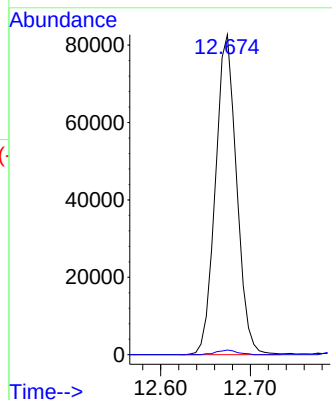
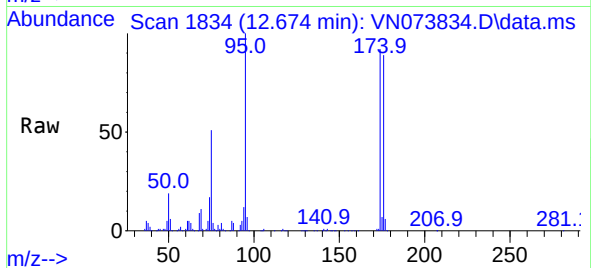




#76
1,2,3-Trichloropropane
Concen: 22.614 ug/l
RT: 12.674 min Scan# 1859
Delta R.T. -0.147 min
Lab File: VN073834.D
Acq: 11 Aug 2022 18:56

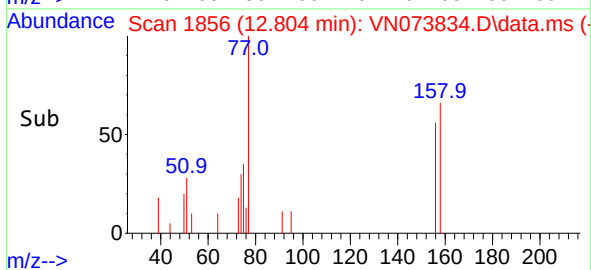
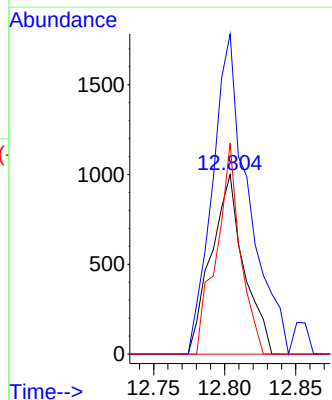
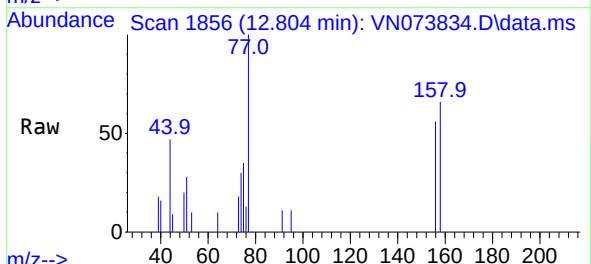
Instrument :
MSVOA_N
ClientSampleId :
IBLK

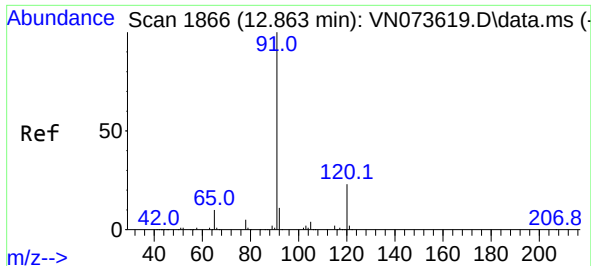
Tgt Ion: 75 Resp: 135487
Ion Ratio Lower Upper
75 100
77 1.4 98.5 295.5#



#77
Bromobenzene
Concen: 0.277 ug/l
RT: 12.804 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN073834.D
Acq: 11 Aug 2022 18:56

Tgt Ion: 156 Resp: 1601
Ion Ratio Lower Upper
156 100
77 195.6 100.5 301.5
158 85.3 48.9 146.6

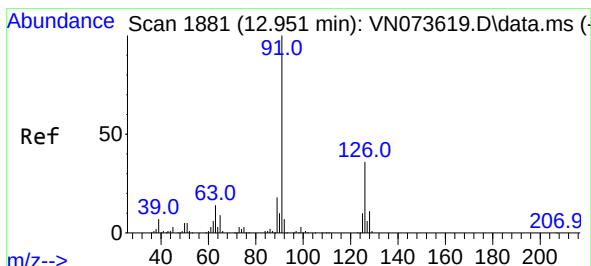
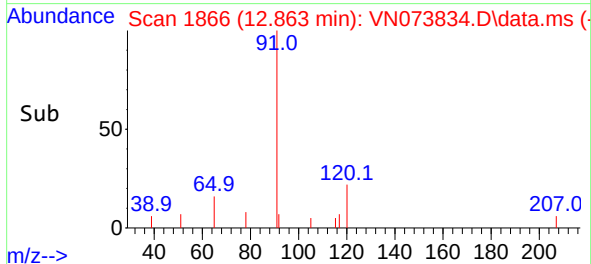
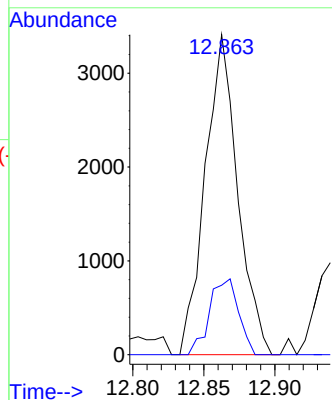
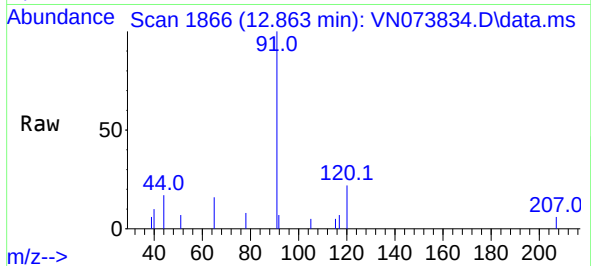




#78
n-propylbenzene
Concen: 0.217 ug/l
RT: 12.863 min Scan# 1866
Delta R.T. -0.000 min
Lab File: VN073834.D
Acq: 11 Aug 2022 18:56

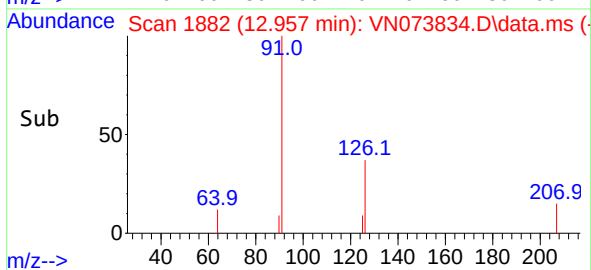
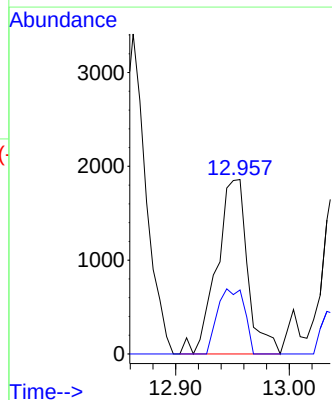
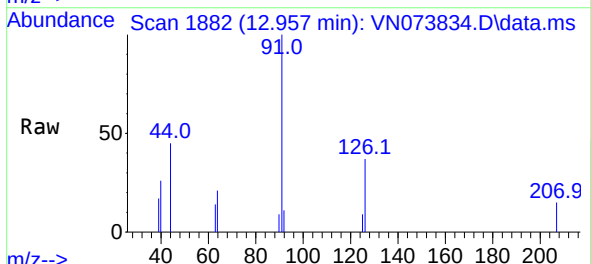
Instrument :
MSVOA_N
ClientSampleId :
IBLK

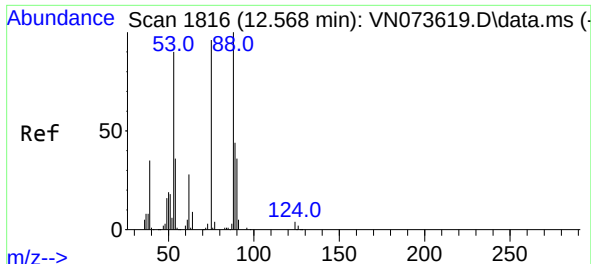
Tgt Ion: 91 Resp: 5423
Ion Ratio Lower Upper
91 100
120 21.2 11.9 35.5



#79
2-Chlorotoluene
Concen: 0.226 ug/l
RT: 12.957 min Scan# 1882
Delta R.T. 0.006 min
Lab File: VN073834.D
Acq: 11 Aug 2022 18:56

Tgt Ion: 91 Resp: 3524
Ion Ratio Lower Upper
91 100
126 32.5 17.3 51.9

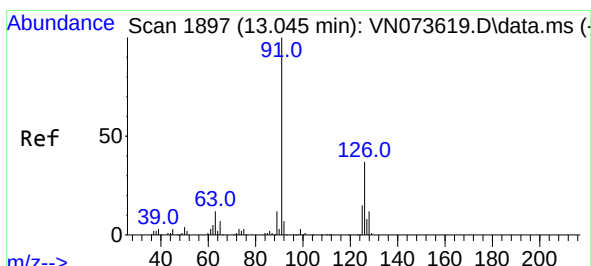
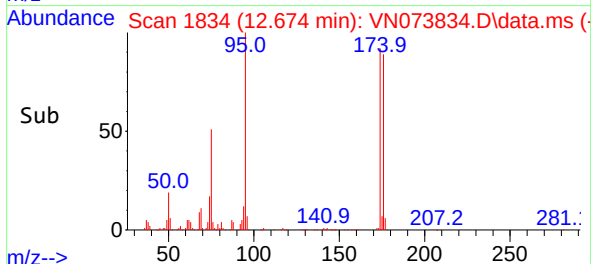
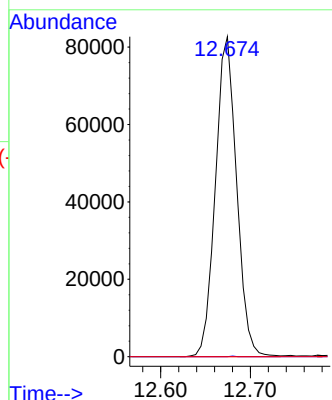
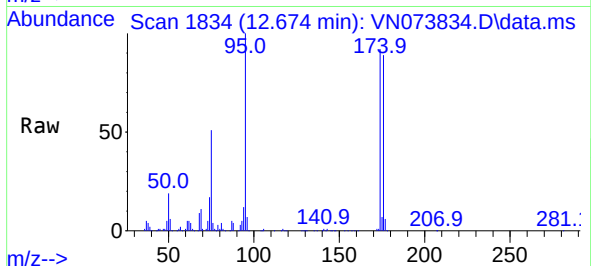




#81
trans-1,4-Dichloro-2-butene
Concen: 57.879 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.106 min
Lab File: VN073834.D
Acq: 11 Aug 2022 18:56

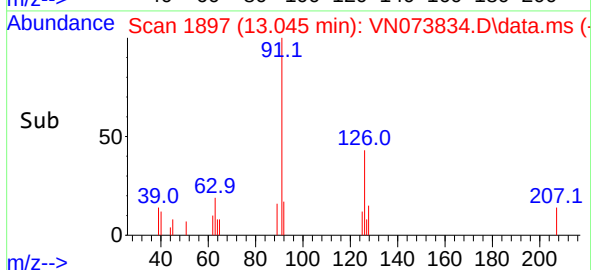
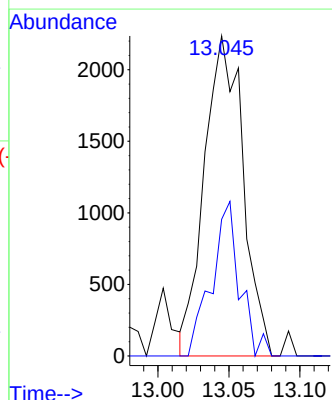
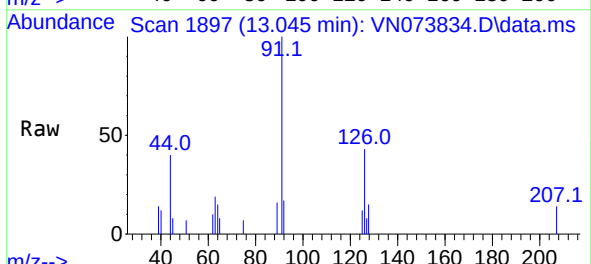
Instrument :
MSVOA_N
ClientSampleId :
IBLK

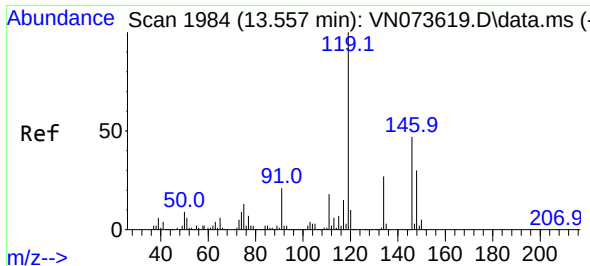
Tgt Ion: 75 Resp: 135487
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#



#82
4-Chlorotoluene
Concen: 0.286 ug/l
RT: 13.045 min Scan# 1897
Delta R.T. -0.000 min
Lab File: VN073834.D
Acq: 11 Aug 2022 18:56

Tgt Ion: 91 Resp: 4223
Ion Ratio Lower Upper
91 100
126 35.1 17.2 51.6

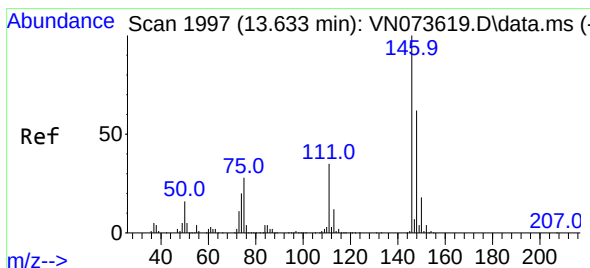
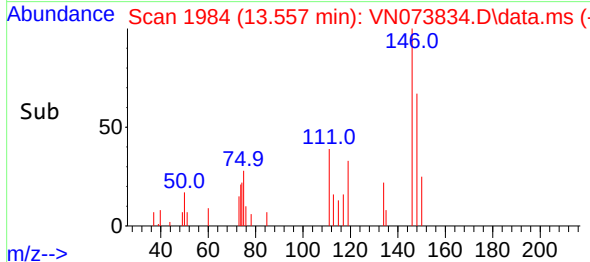
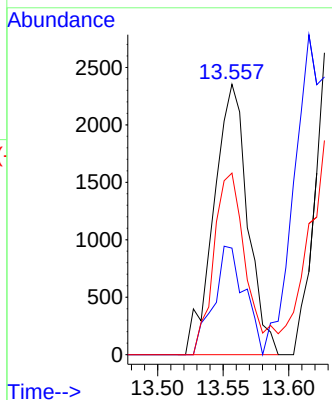
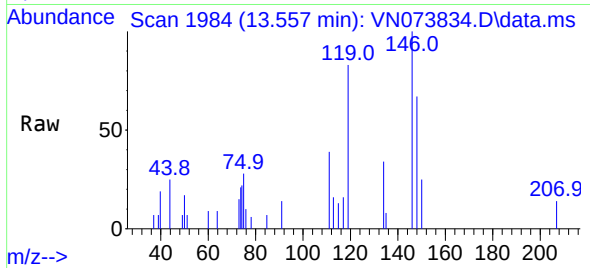




#87
 1,3-Dichlorobenzene
 Concen: 0.400 ug/l
 RT: 13.557 min Scan# 1984
 Delta R.T. -0.000 min
 Lab File: VN073834.D
 Acq: 11 Aug 2022 18:56

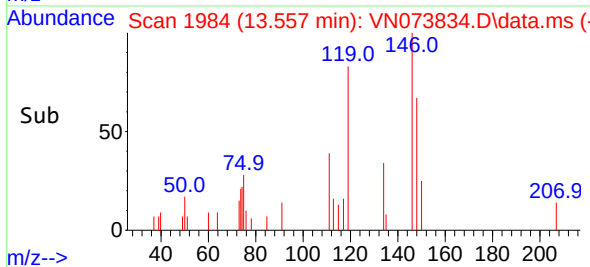
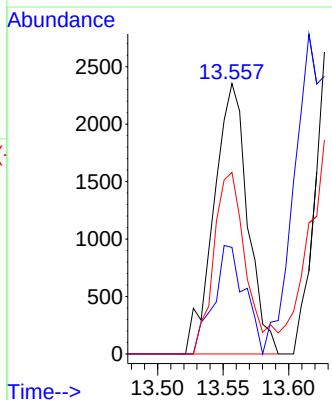
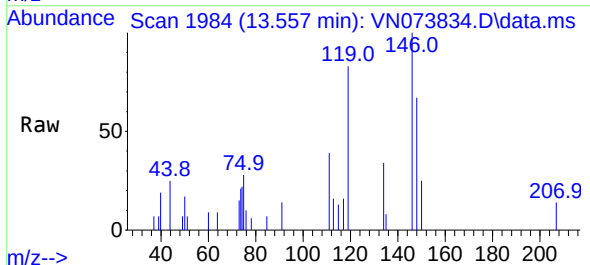
Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

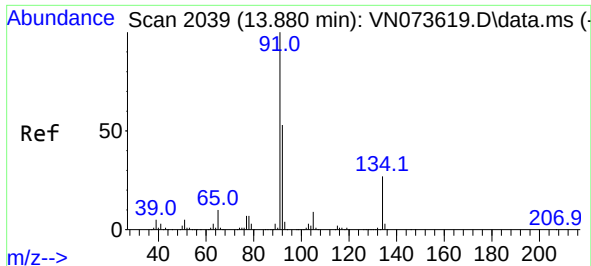
Tgt Ion:146	Resp:	4224	
Ion	Ratio	Lower	Upper
146	100		
111	36.6	20.0	60.0
148	65.2	32.0	96.0



#88
 1,4-Dichlorobenzene
 Concen: 0.400 ug/l
 RT: 13.557 min Scan# 1984
 Delta R.T. -0.076 min
 Lab File: VN073834.D
 Acq: 11 Aug 2022 18:56

Tgt Ion:146	Resp:	4224	
Ion	Ratio	Lower	Upper
146	100		
111	36.6	19.1	57.1
148	65.2	31.4	94.3





#89

n-Butylbenzene

Concen: 0.389 ug/l

RT: 13.886 min Scan# 2039

Delta R.T. 0.006 min

Lab File: VN073834.D

Acq: 11 Aug 2022 18:56

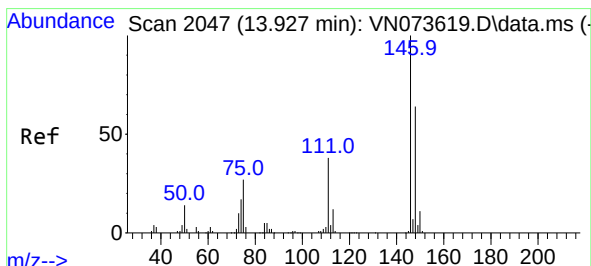
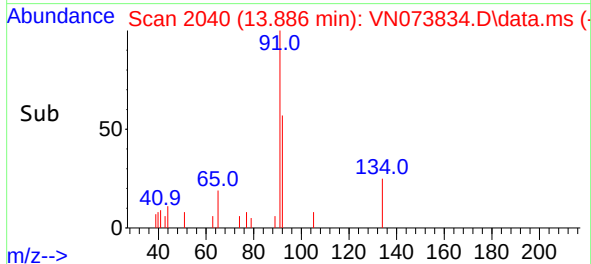
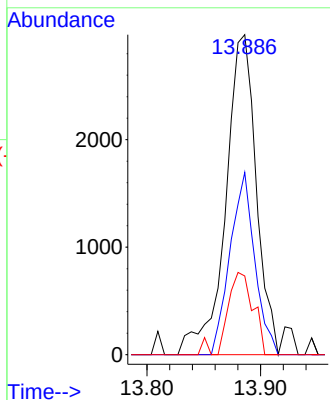
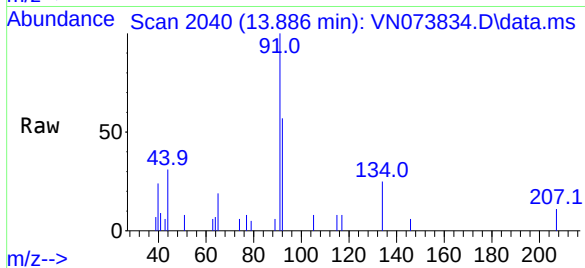
Instrument :

MSVOA_N

ClientSampleId :

IBLK

Tgt Ion: 91	Resp: 5586
Ion Ratio	Lower Upper
91	100
92	45.9 26.9 80.7
134	20.5 13.6 40.8



#91

1,2-Dichlorobenzene

Concen: 0.377 ug/l

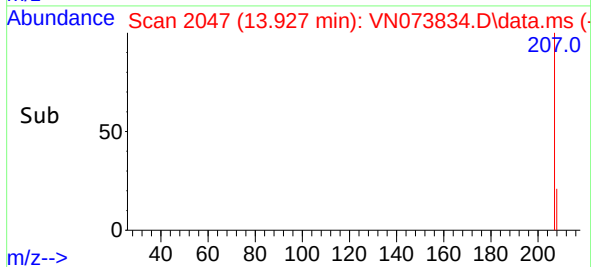
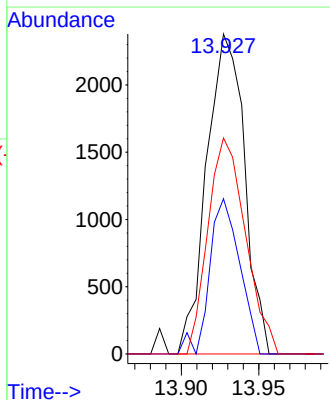
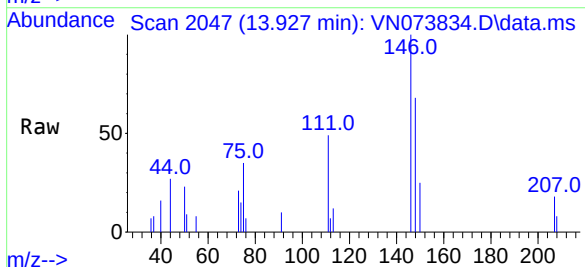
RT: 13.927 min Scan# 2047

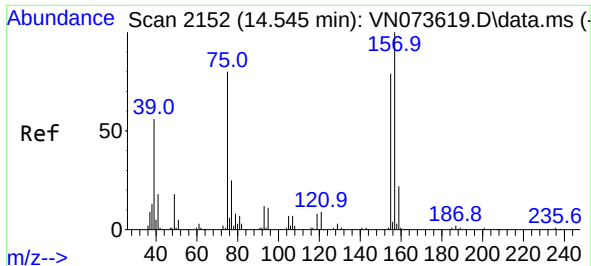
Delta R.T. -0.000 min

Lab File: VN073834.D

Acq: 11 Aug 2022 18:56

Tgt Ion: 146	Resp: 4029
Ion Ratio	Lower Upper
146	100
111	38.9 20.9 62.8
148	67.4 32.1 96.3

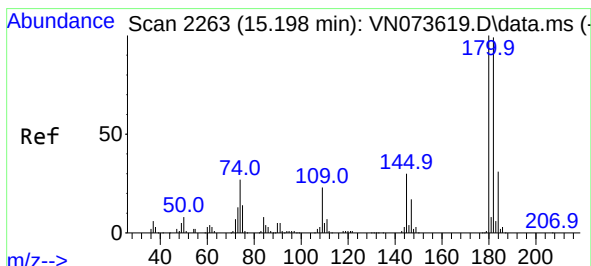
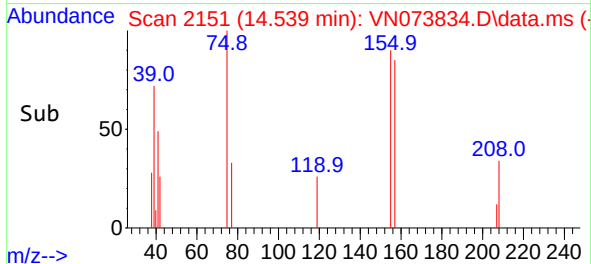
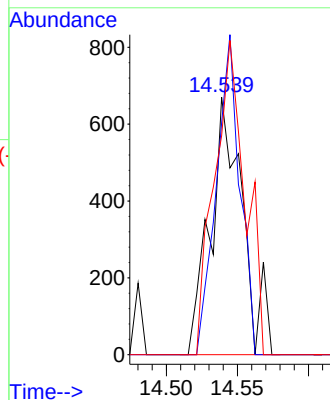
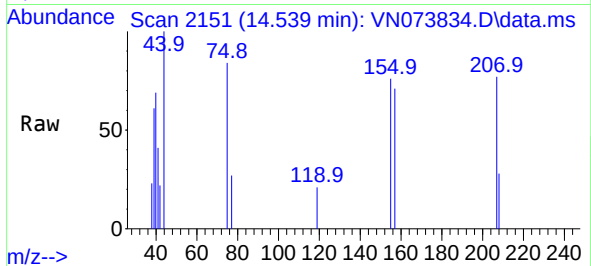




#92
1,2-Dibromo-3-Chloropropane
Concen: 0.616 ug/l
RT: 14.539 min Scan# 2151
Delta R.T. -0.006 min
Lab File: VN073834.D
Acq: 11 Aug 2022 18:56

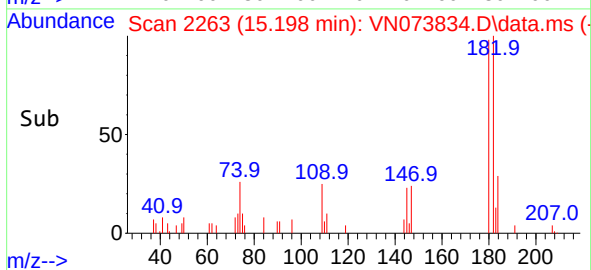
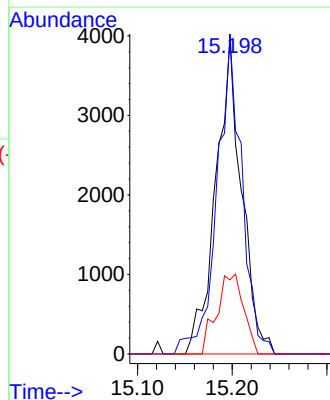
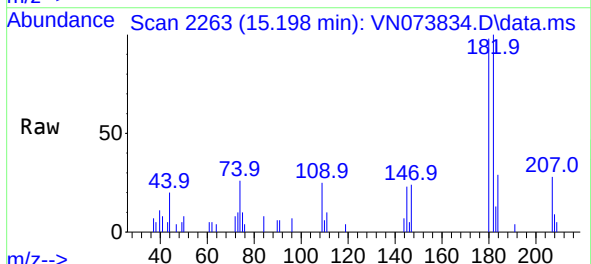
Instrument :
MSVOA_N
ClientSampleId :
IBLK

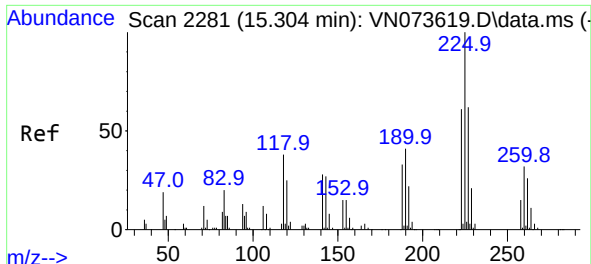
Tgt Ion: 75 Resp: 1061
Ion Ratio Lower Upper
75 100
155 90.8 44.9 134.5
157 116.3 59.0 176.8



#93
1,2,4-Trichlorobenzene
Concen: 1.420 ug/l
RT: 15.198 min Scan# 2263
Delta R.T. -0.000 min
Lab File: VN073834.D
Acq: 11 Aug 2022 18:56

Tgt Ion: 180 Resp: 7542
Ion Ratio Lower Upper
180 100
182 96.8 47.5 142.5
145 26.2 14.5 43.5

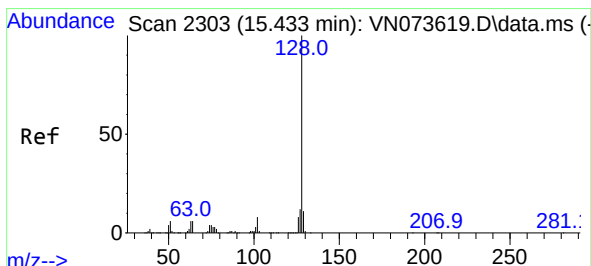
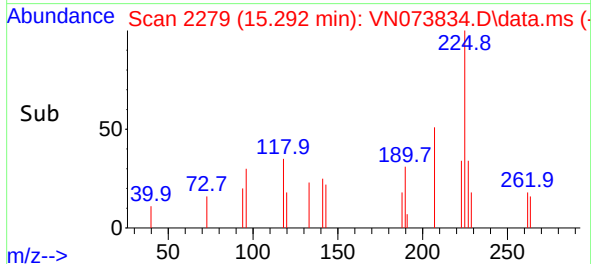
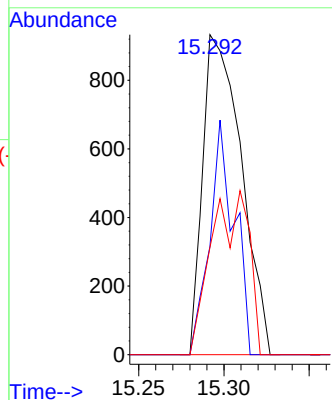
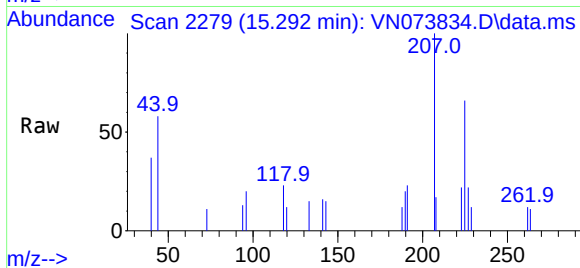




#94
Hexachlorobutadiene
Concen: 0.508 ug/l
RT: 15.292 min Scan# 21
Delta R.T. -0.012 min
Lab File: VN073834.D
Acq: 11 Aug 2022 18:56

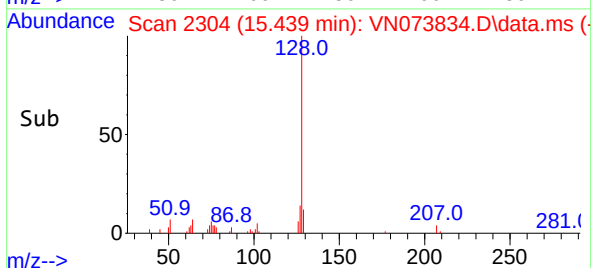
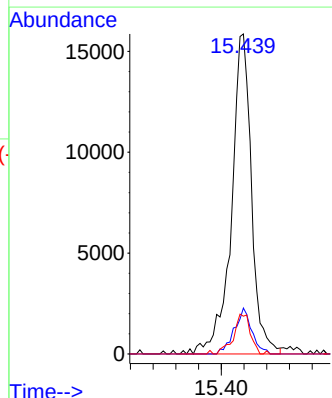
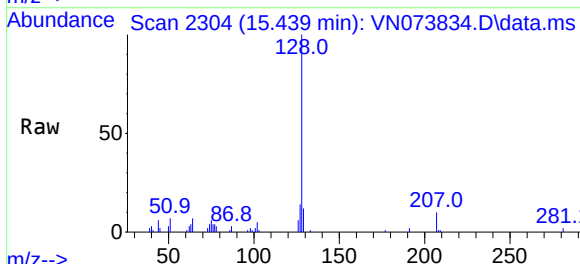
Instrument :
MSVOA_N
ClientSampleId :
IBLK

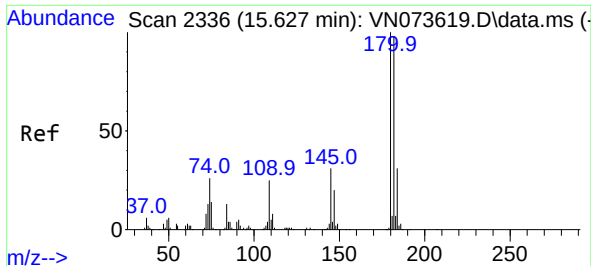
Tgt Ion:	225	Resp:	1467
Ion Ratio	Lower	Upper	
225	100		
223	46.8	32.4	97.2
227	49.8	31.8	95.4



#95
Naphthalene
Concen: 2.251 ug/l
RT: 15.439 min Scan# 2304
Delta R.T. 0.006 min
Lab File: VN073834.D
Acq: 11 Aug 2022 18:56

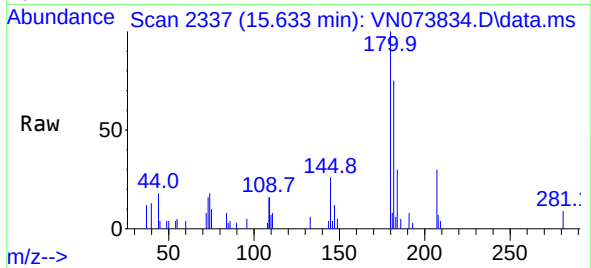
Tgt Ion:	128	Resp:	38801
Ion Ratio	Lower	Upper	
128	100		
127	12.5	10.3	15.5
129	10.3	8.6	13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 1.720 ug/l
 RT: 15.633 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN073834.D
 Acq: 11 Aug 2022 18:56

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK



Tgt Ion:	180	Resp:	9614
Ion	Ratio	Lower	Upper
180	100		
182	99.5	47.8	143.3
145	28.9	15.5	46.5

