

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051222\
 Data File : VN072448.D
 Acq On : 12 May 2022 13:19
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: May 13 02:43:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051022W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 10 15:43:28 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	184703	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.969	114	339950	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	390994	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	181489	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	147505	52.140	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 104.280%	
35) Dibromofluoromethane	8.022	113	110298	48.768	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 97.540%	
50) Toluene-d8	10.439	98	433265	50.300	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 100.600%	
62) 4-Bromofluorobenzene	12.727	95	193094	67.501	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 135.000%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.304	50	902	Below Cal	#	87
5) Bromomethane	2.887	94	1526	1.307	ug/l #	74
6) Chloroethane	2.993	64	482	Below Cal	#	42
11) Tert butyl alcohol	5.357	59	211	0.456	ug/l #	72
13) Acrolein	4.063	56	341	0.753	ug/l #	16
15) Acrylonitrile	5.557	53	1107	0.881	ug/l #	80
16) Acetone	4.293	43	2698	2.408	ug/l	94
17) Carbon Disulfide	4.528	76	3464	0.719	ug/l #	75
20) Methylene Chloride	5.098	84	515	0.224	ug/l #	44
21) trans-1,2-Dichloroethene	5.604	96	585	0.301	ug/l #	55
23) Vinyl Acetate	6.445	43	1244	0.211	ug/l #	68
25) 2-Butanone	7.345	43	1701	0.962	ug/l #	45
31) Cyclohexane	8.081	56	4412	1.177	ug/l #	29
36) 1,1-Dichloropropene	8.216	75	751	0.231	ug/l #	77
38) Carbon Tetrachloride	8.081	117	20145	5.541	ug/l #	16
44) Trichloroethene	9.210	130	701	0.285	ug/l	77
51) 4-Methyl-2-Pentanone	10.327	43	2764	0.744	ug/l	96
59) 2-Hexanone	11.086	43	6938	2.662	ug/l	82
64) Tetrachloroethene	10.963	164	741	0.263	ug/l #	26
65) Chlorobenzene	11.769	112	1777	0.222	ug/l #	80
68) m/p-Xylenes	11.951	106	1842	0.352	ug/l	98
74) N-amyl acetate	12.386	43	3485	0.656	ug/l #	84
76) 1,2,3-Trichloropropane	12.727	75	109978	23.233	ug/l #	1
77) Bromobenzene	12.868	156	1317	0.366	ug/l	98
78) n-propylbenzene	12.916	91	4604	0.286	ug/l	98
79) 2-Chlorotoluene	13.010	91	2589	0.245	ug/l	82
81) trans-1,4-Dichloro-2-b...	12.727	75	109978	77.508	ug/l #	10
82) 4-Chlorotoluene	13.104	91	4205	0.420	ug/l	92
84) 1,2,4-Trimethylbenzene	13.368	105	3170	0.265	ug/l	74
85) sec-Butylbenzene	13.498	105	2945	0.205	ug/l	90
86) p-Isopropyltoluene	13.610	119	2620	0.234	ug/l	96
87) 1,3-Dichlorobenzene	13.615	146	3525	0.568	ug/l	89
88) 1,4-Dichlorobenzene	13.615	146	3525	0.571	ug/l	91
89) n-Butylbenzene	13.939	91	6109	0.714	ug/l	95
91) 1,2-Dichlorobenzene	13.980	146	3389	0.547	ug/l	92
92) 1,2-Dibromo-3-Chloropr...	14.598	75	651	0.686	ug/l	84

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Response via : Initial Calibration

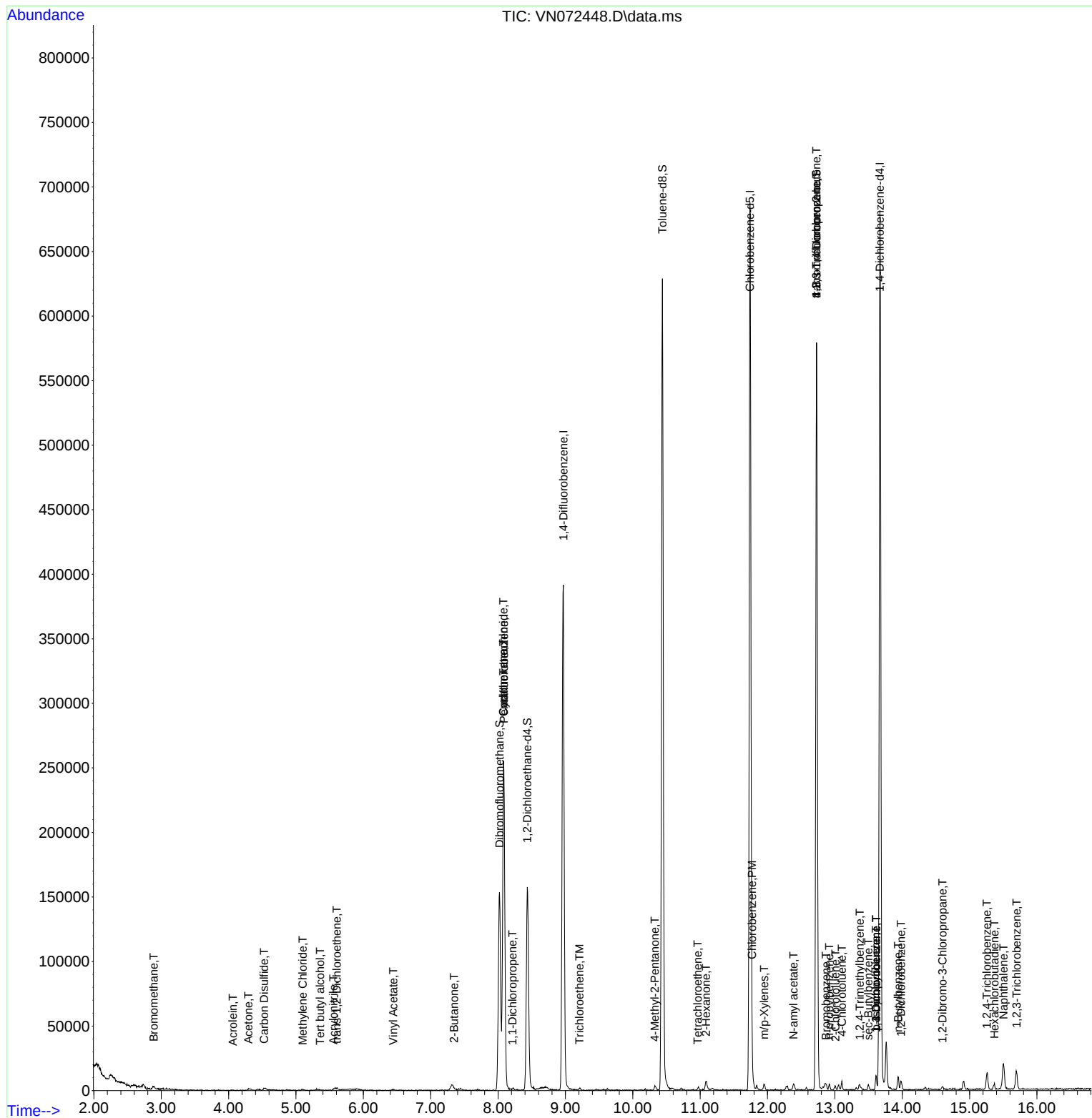
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.257	180	4916	2.095	ug/l	94
94) Hexachlorobutadiene	15.368	225	1246	0.802	ug/l #	70
95) Naphthalene	15.504	128	23223	5.684	ug/l	97
96) 1,2,3-Trichlorobenzene	15.698	180	5870	2.496	ug/l	94

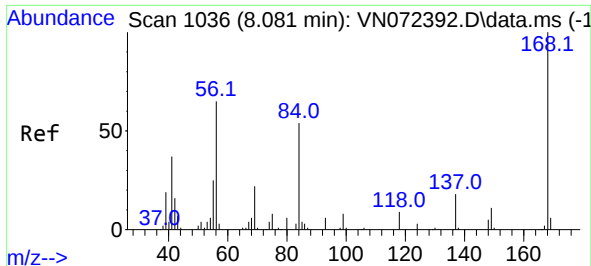
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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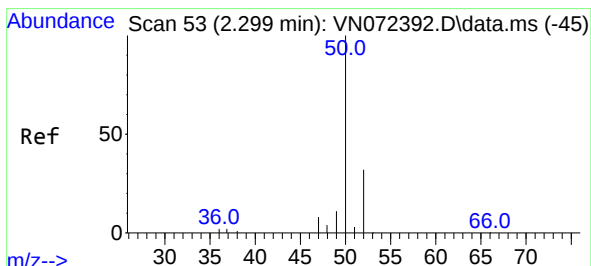
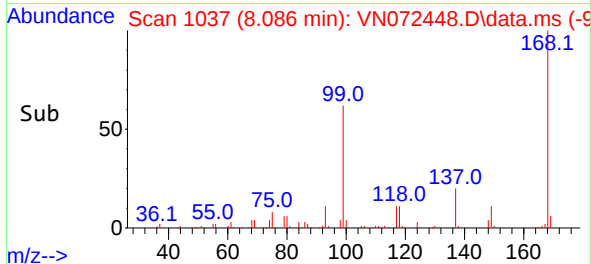
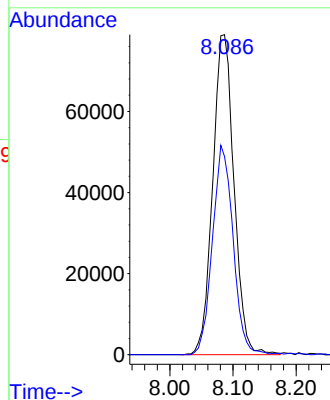
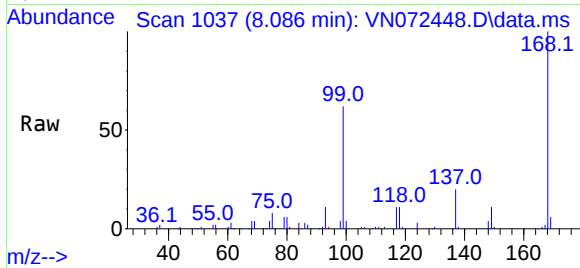




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 10
Delta R.T. 0.005 min
Lab File: VN072448.D
Acq: 12 May 2022 13:19

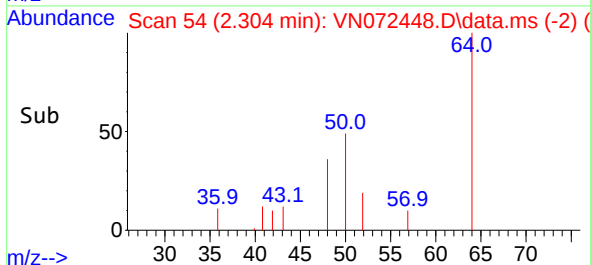
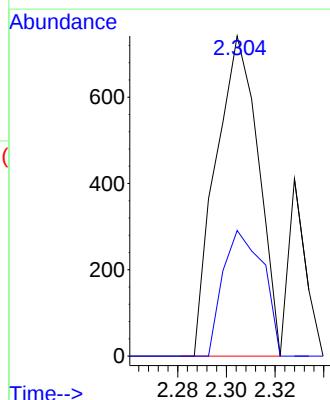
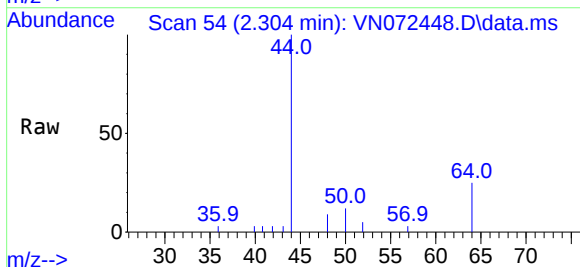
Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:168 Resp: 184703
Ion Ratio Lower Upper
168 100
99 62.0 42.3 63.5

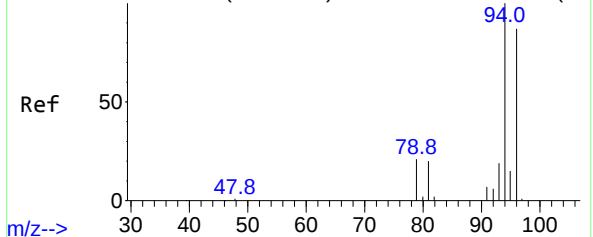


#3
Chloromethane
Concen: Below Cal
RT: 2.304 min Scan# 54
Delta R.T. 0.005 min
Lab File: VN072448.D
Acq: 12 May 2022 13:19

Tgt Ion: 50 Resp: 902
Ion Ratio Lower Upper
50 100
52 39.2 25.7 38.5#



Abundance Scan 143 (2.828 min): VN072392.D\data.ms (-13



#5

Bromomethane

Concen: 1.307 ug/l

RT: 2.887 min Scan# 11

Delta R.T. 0.059 min

Lab File: VN072448.D

Acq: 12 May 2022 13:19

Instrument :

MSVOA_N

ClientSampleId :

IBLK

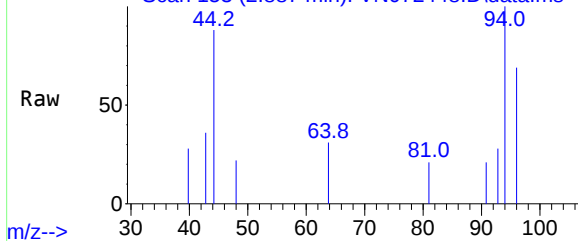
Tgt Ion: 94 Resp: 1526

Ion Ratio Lower Upper

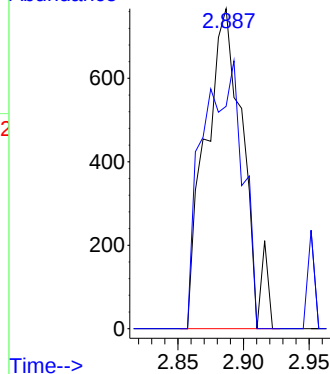
94 100

96 69.5 76.0 114.0#

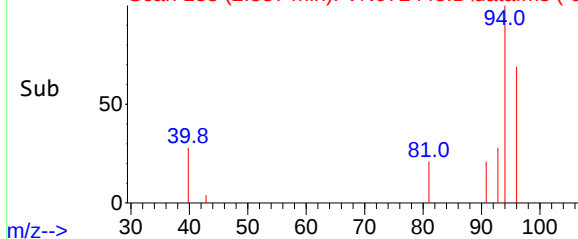
Abundance Scan 153 (2.887 min): VN072448.D\data.ms



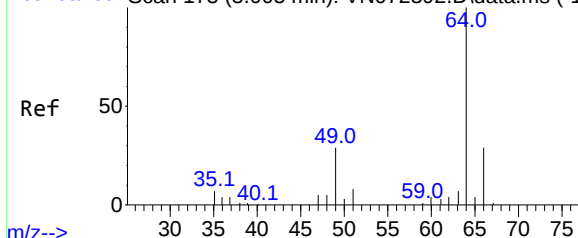
Abundance



Abundance Scan 153 (2.887 min): VN072448.D\data.ms (-92



Abundance Scan 173 (3.005 min): VN072392.D\data.ms (-16



#6

Chloroethane

Concen: Below Cal

RT: 2.993 min Scan# 171

Delta R.T. -0.012 min

Lab File: VN072448.D

Acq: 12 May 2022 13:19

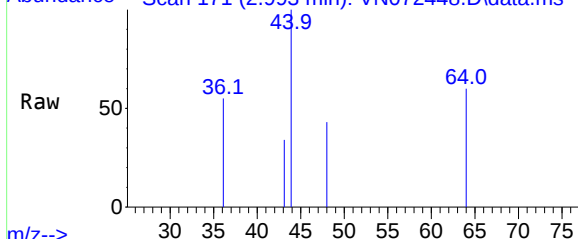
Tgt Ion: 64 Resp: 482

Ion Ratio Lower Upper

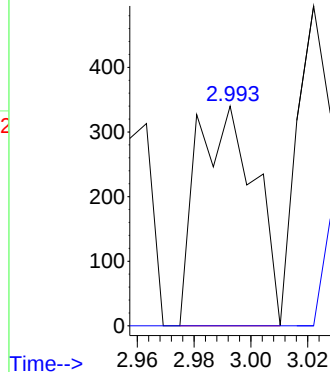
64 100

66 0.0 26.2 39.4#

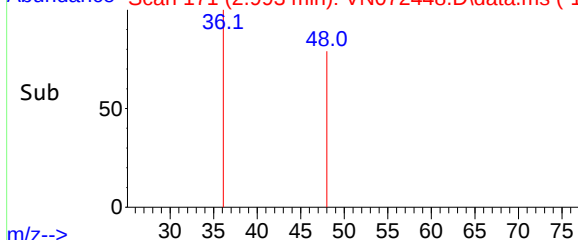
Abundance Scan 171 (2.993 min): VN072448.D\data.ms

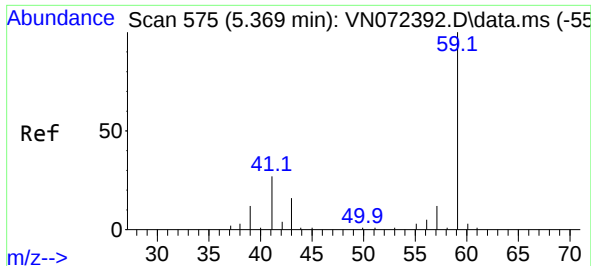


Abundance



Abundance Scan 171 (2.993 min): VN072448.D\data.ms (-12

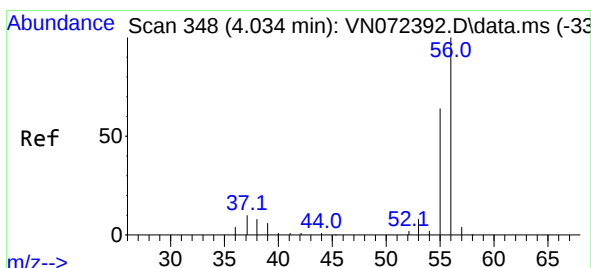
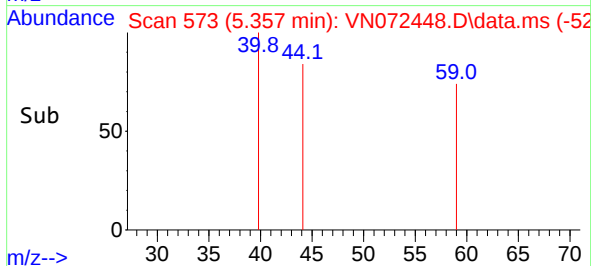
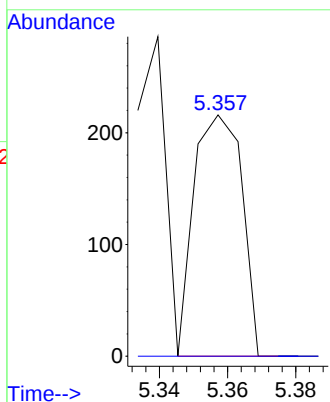
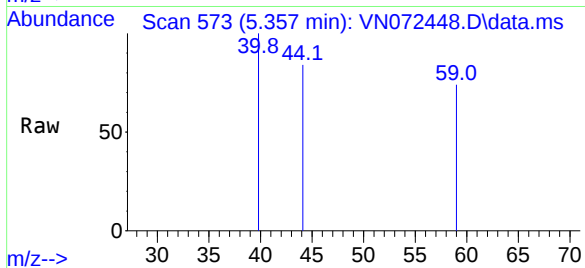




#11
Tert butyl alcohol
Concen: 0.456 ug/l
RT: 5.357 min Scan# 51
Delta R.T. -0.012 min
Lab File: VN072448.D
Acq: 12 May 2022 13:19

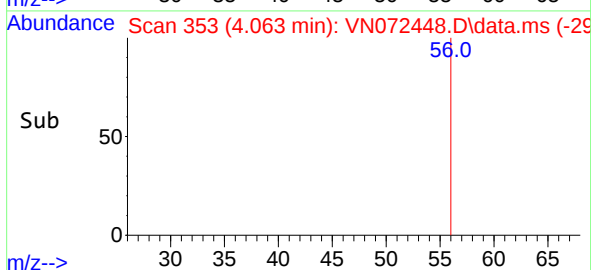
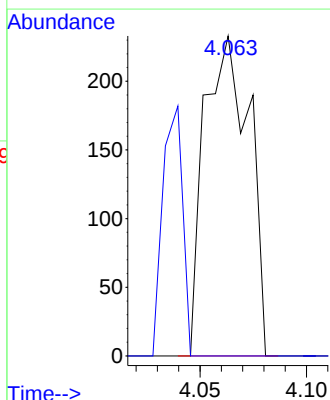
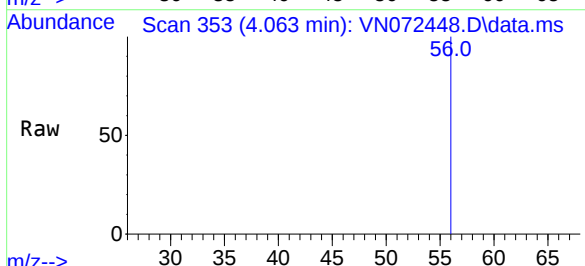
Instrument :
MSVOA_N
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IBLK

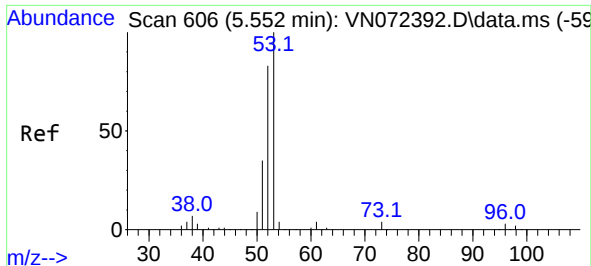
Tgt Ion: 59 Resp: 211
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#13
Acrolein
Concen: 0.753 ug/l
RT: 4.063 min Scan# 353
Delta R.T. 0.029 min
Lab File: VN072448.D
Acq: 12 May 2022 13:19

Tgt Ion: 56 Resp: 341
Ion Ratio Lower Upper
56 100
55 0.0 54.8 82.2#

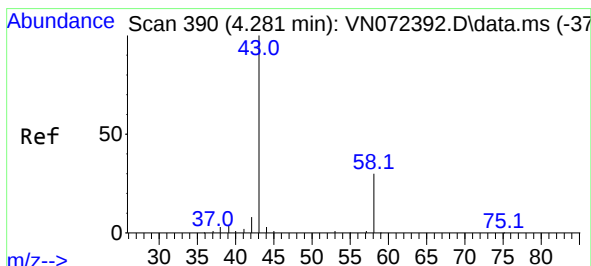
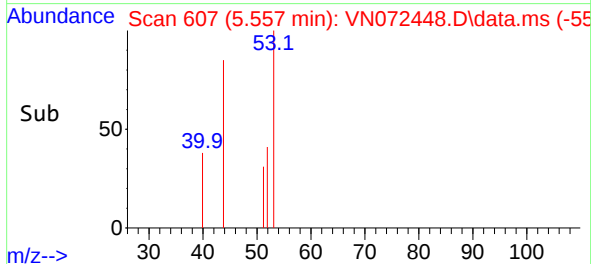
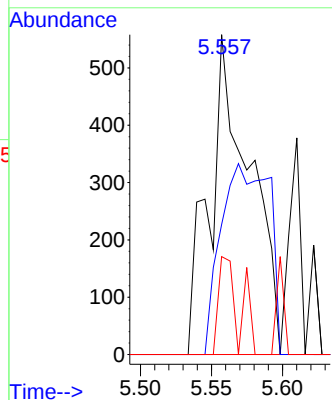
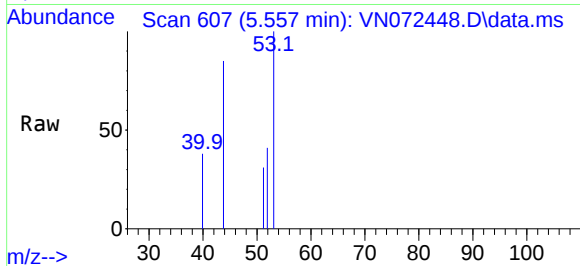




#15
Acrylonitrile
Concen: 0.881 ug/l
RT: 5.557 min Scan# 606
Delta R.T. 0.005 min
Lab File: VN072448.D
Acq: 12 May 2022 13:19

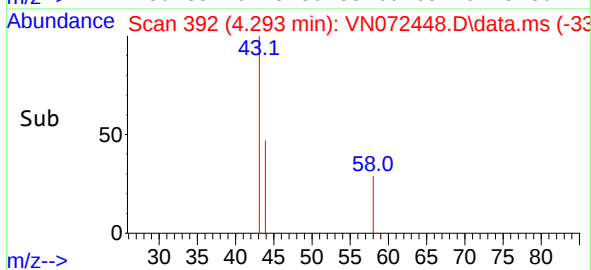
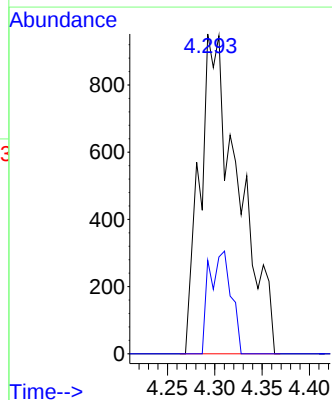
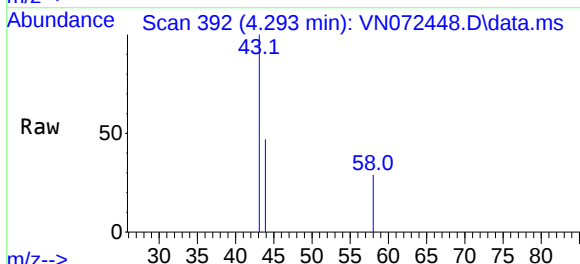
Instrument :
MSVOA_N
ClientSampleId :
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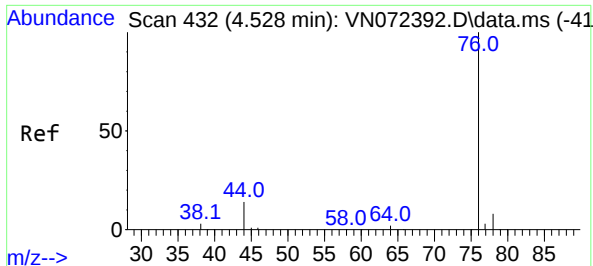
Tgt Ion:	53	Resp:	1107
Ion	Ratio	Lower	Upper
53	100		
52	70.8	66.4	99.6
51	15.5	28.5	42.7#



#16
Acetone
Concen: 2.408 ug/l
RT: 4.293 min Scan# 392
Delta R.T. 0.012 min
Lab File: VN072448.D
Acq: 12 May 2022 13:19

Tgt Ion:	43	Resp:	2698
Ion	Ratio	Lower	Upper
43	100		
58	29.2	26.0	39.0

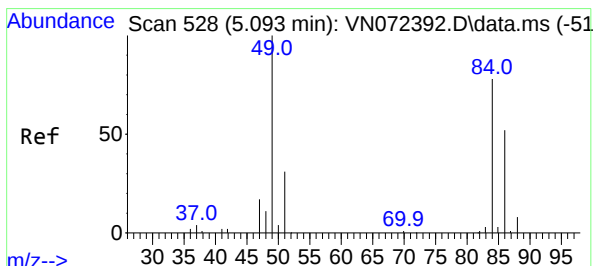
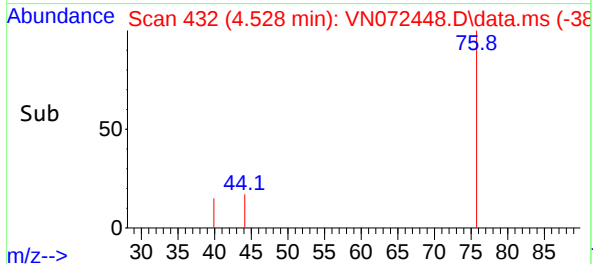
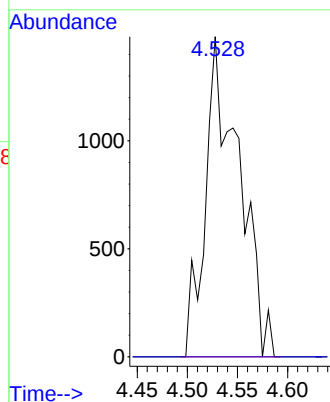
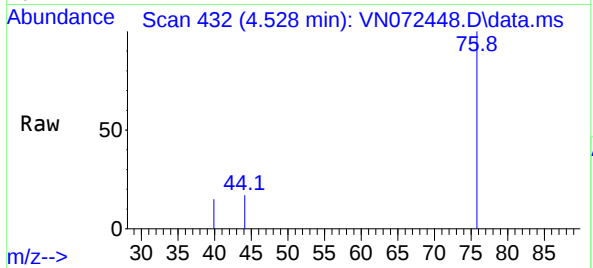




#17
Carbon Disulfide
Concen: 0.719 ug/l
RT: 4.528 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN072448.D
Acq: 12 May 2022 13:19

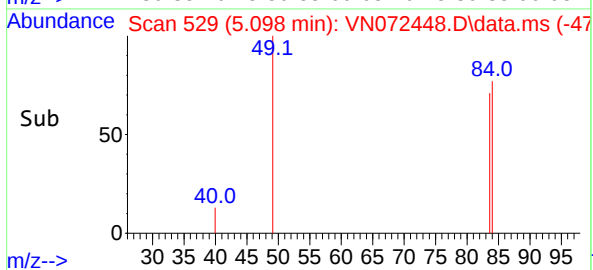
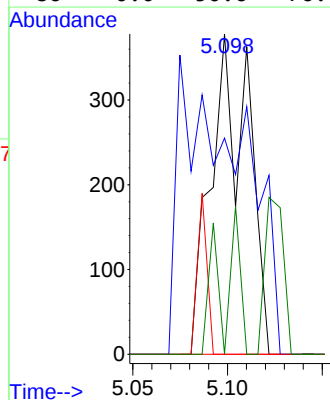
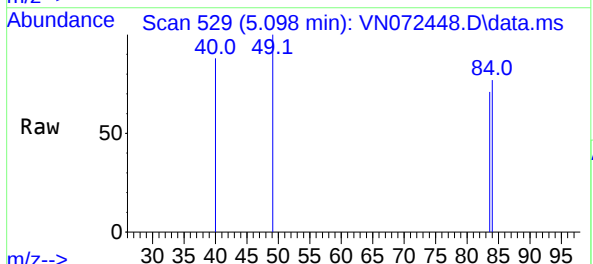
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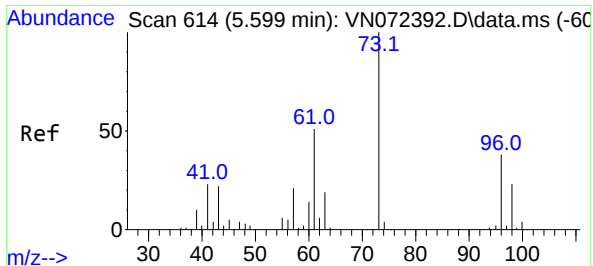
Tgt Ion: 76 Resp: 3464
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#20
Methylene Chloride
Concen: 0.224 ug/l
RT: 5.098 min Scan# 529
Delta R.T. 0.005 min
Lab File: VN072448.D
Acq: 12 May 2022 13:19

Tgt Ion: 84 Resp: 515
Ion Ratio Lower Upper
84 100
49 67.5 88.3 132.5#
51 0.0 28.2 42.2#
86 0.0 50.6 76.0#





#21

trans-1,2-Dichloroethene

Concen: 0.301 ug/l

RT: 5.604 min Scan# 61

Delta R.T. 0.005 min

Lab File: VN072448.D

Acq: 12 May 2022 13:19

Instrument :

MSVOA_N

ClientSampleId :

IBLK

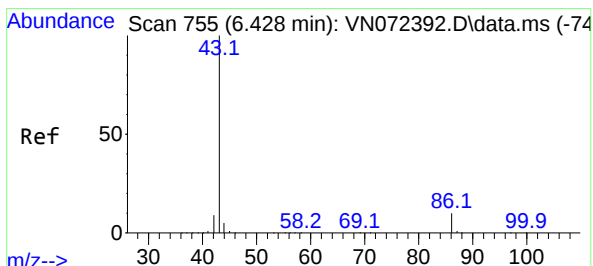
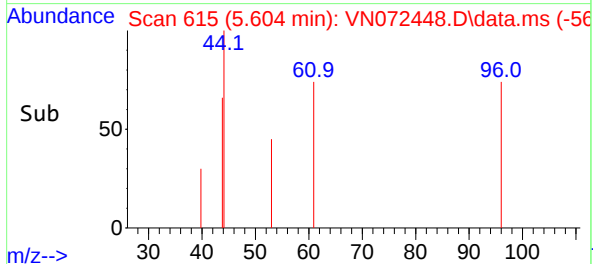
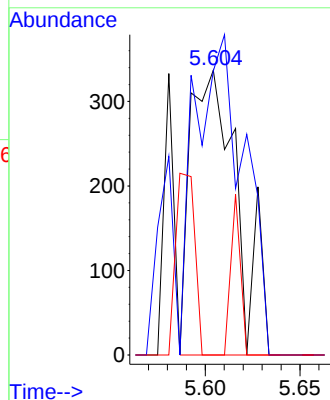
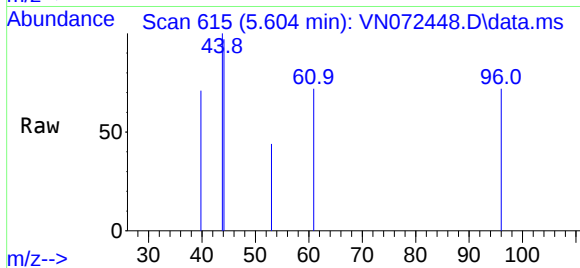
Tgt Ion: 96 Resp: 585

Ion Ratio Lower Upper

96 100

61 99.7 105.8 158.8#

98 0.0 50.3 75.5#



#23

Vinyl Acetate

Concen: 0.211 ug/l

RT: 6.445 min Scan# 758

Delta R.T. 0.017 min

Lab File: VN072448.D

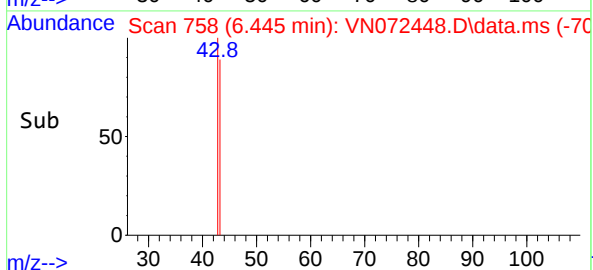
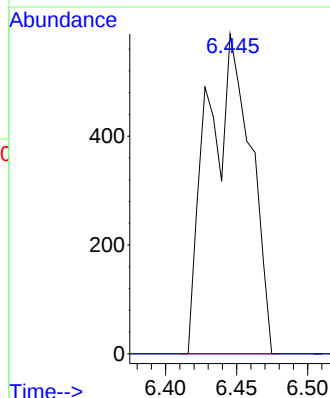
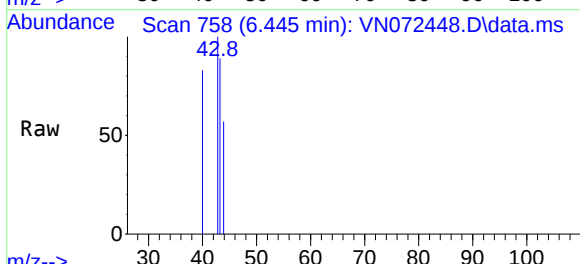
Acq: 12 May 2022 13:19

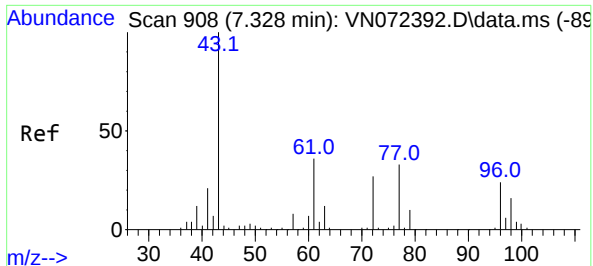
Tgt Ion: 43 Resp: 1244

Ion Ratio Lower Upper

43 100

86 0.0 10.0 15.0#





#25

2-Butanone

Concen: 0.962 ug/l

RT: 7.345 min Scan# 911

Delta R.T. 0.017 min

Lab File: VN072448.D

Acq: 12 May 2022 13:19

Instrument :

MSVOA_N

ClientSampleId :

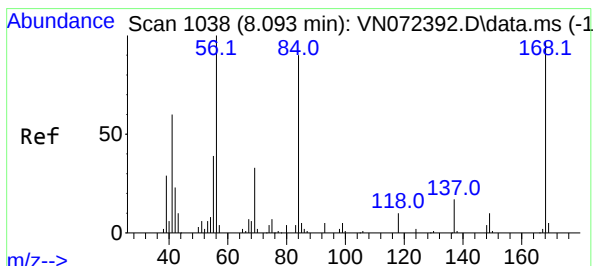
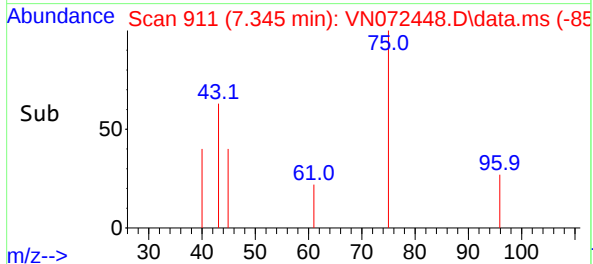
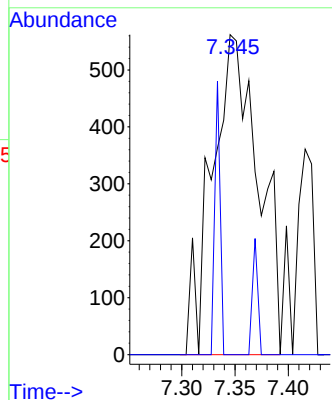
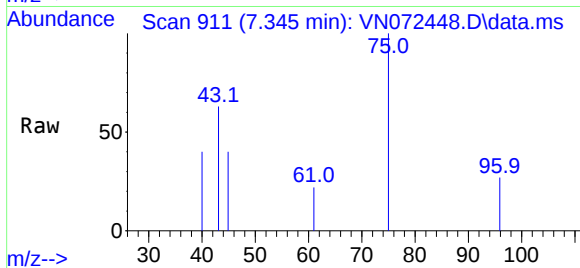
IBLK

Tgt Ion: 43 Resp: 1701

Ion Ratio Lower Upper

43 100

72 0.0 23.7 35.5#



#31

Cyclohexane

Concen: 1.177 ug/l

RT: 8.081 min Scan# 1036

Delta R.T. -0.012 min

Lab File: VN072448.D

Acq: 12 May 2022 13:19

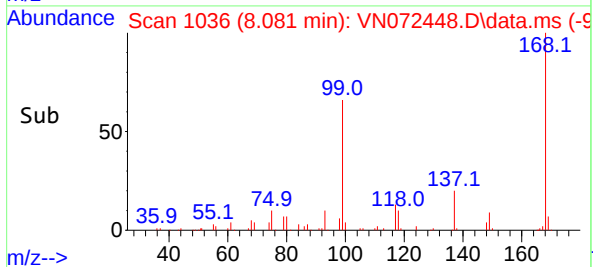
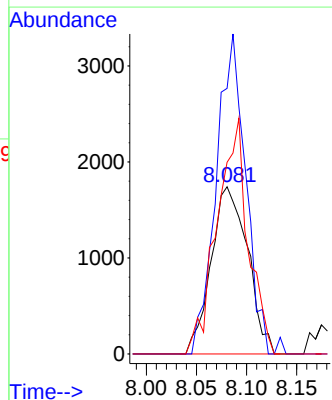
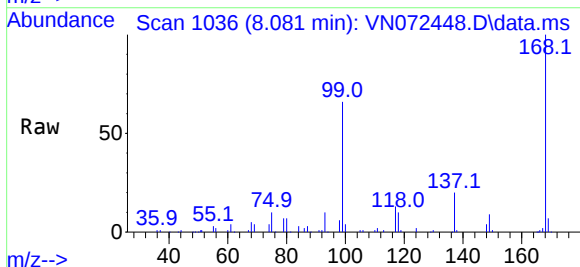
Tgt Ion: 56 Resp: 4412

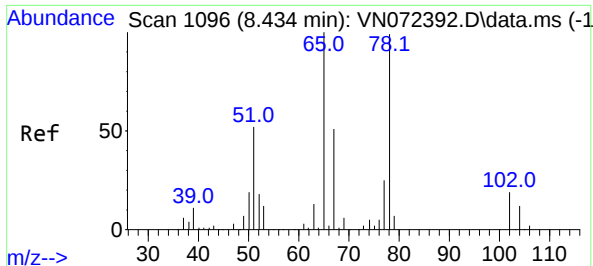
Ion Ratio Lower Upper

56 100

69 158.9 27.8 41.8#

84 114.7 76.9 115.3

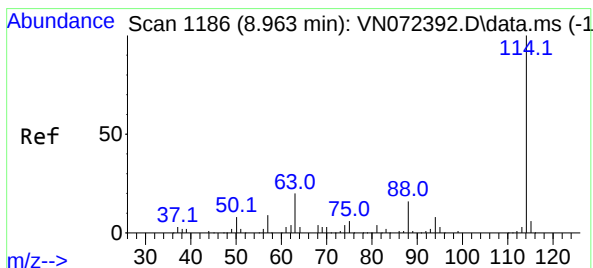
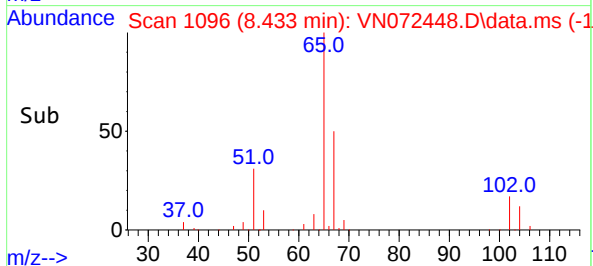
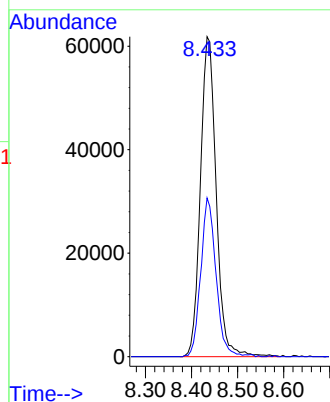
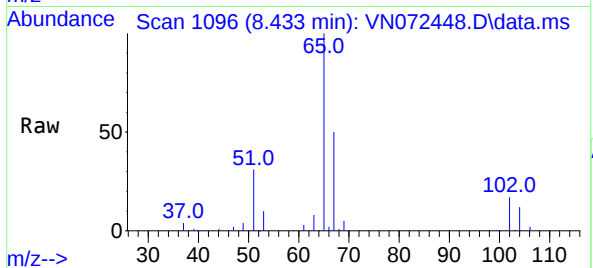




#33
1,2-Dichloroethane-d4
Concen: 52.140 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. -0.001 min
Lab File: VN072448.D
Acq: 12 May 2022 13:19

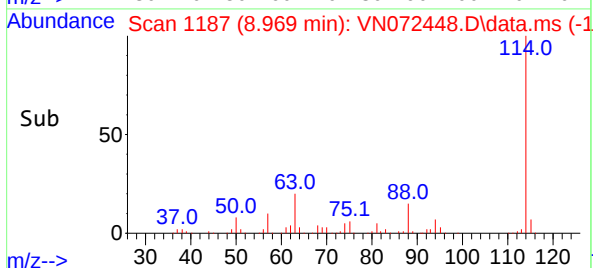
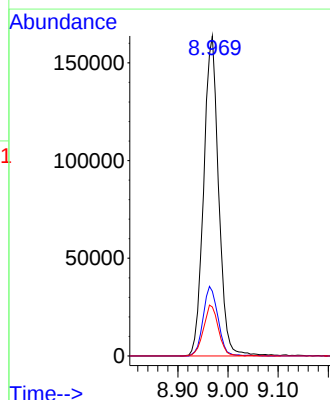
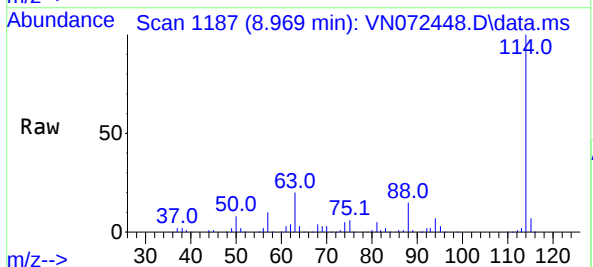
Instrument :
MSVOA_N
ClientSampleId :
IBLK

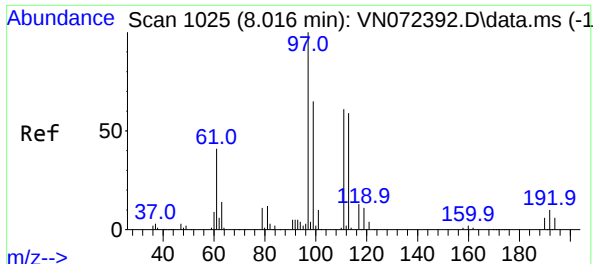
Tgt Ion: 65 Resp: 147505
Ion Ratio Lower Upper
65 100
67 47.9 0.0 104.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.969 min Scan# 1187
Delta R.T. 0.006 min
Lab File: VN072448.D
Acq: 12 May 2022 13:19

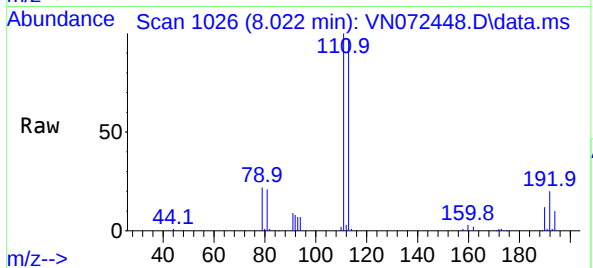
Tgt Ion: 114 Resp: 339950
Ion Ratio Lower Upper
114 100
63 20.2 0.0 40.0
88 15.3 0.0 32.6



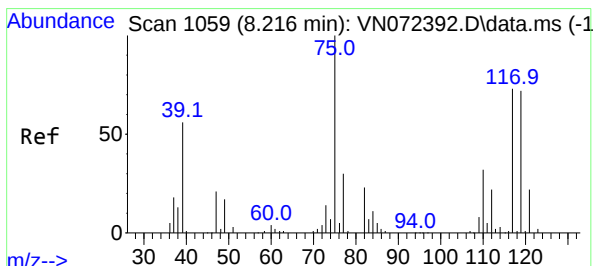
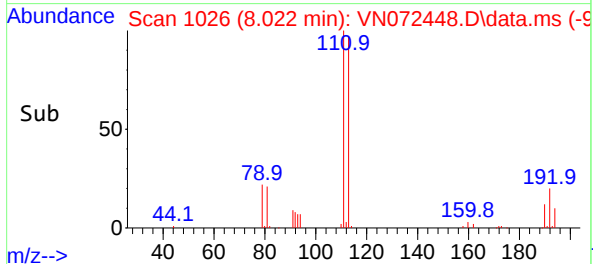
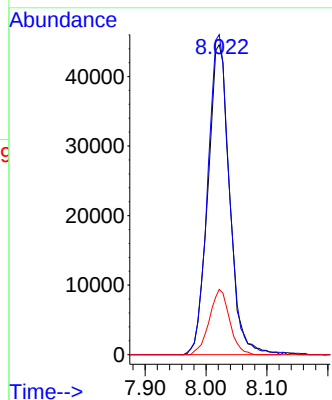


#35
Dibromofluoromethane
Concen: 48.768 ug/l
RT: 8.022 min Scan# 1026
Delta R.T. 0.006 min
Lab File: VN072448.D
Acq: 12 May 2022 13:19

Instrument :
MSVOA_N
ClientSampleId :
IBLK

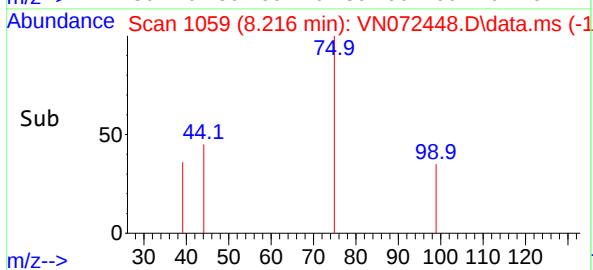
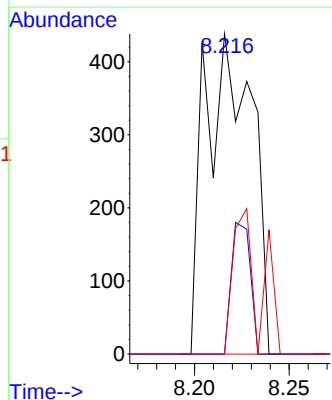
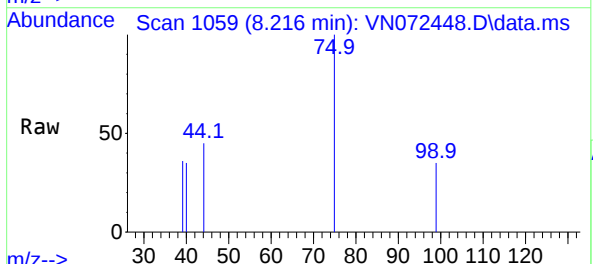


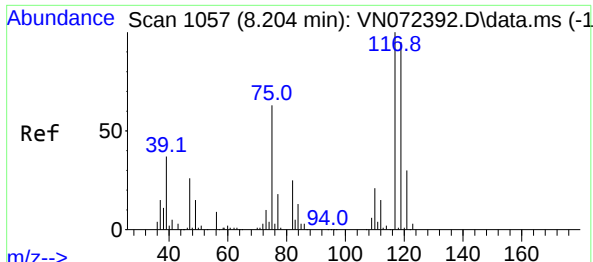
Tgt Ion:113 Resp: 110298
Ion Ratio Lower Upper
113 100
111 102.9 81.4 122.0
192 19.7 17.0 25.6



#36
1,1-Dichloropropene
Concen: 0.231 ug/l
RT: 8.216 min Scan# 1059
Delta R.T. -0.000 min
Lab File: VN072448.D
Acq: 12 May 2022 13:19

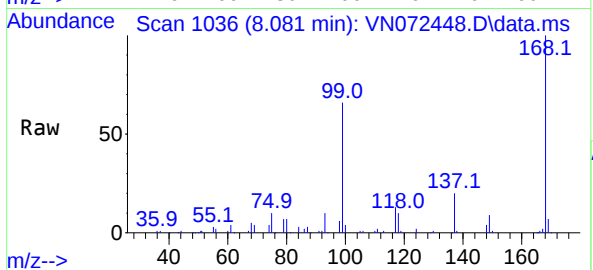
Tgt Ion: 75 Resp: 751
Ion Ratio Lower Upper
75 100
110 16.5 18.3 54.8#
77 25.4 25.1 37.7



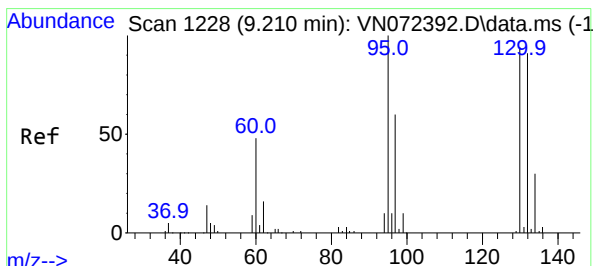
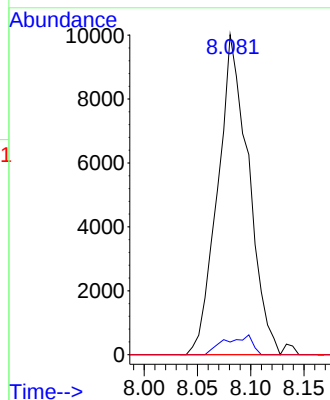
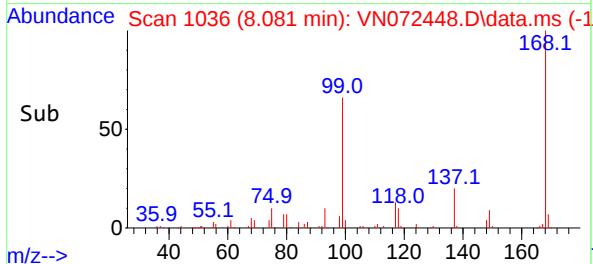


#38
Carbon Tetrachloride
Concen: 5.541 ug/l
RT: 8.081 min Scan# 1057
Delta R.T. -0.123 min
Lab File: VN072448.D
Acq: 12 May 2022 13:19

Instrument :
MSVOA_N
ClientSampleId :
IBLK

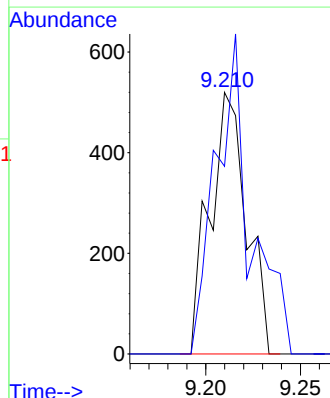
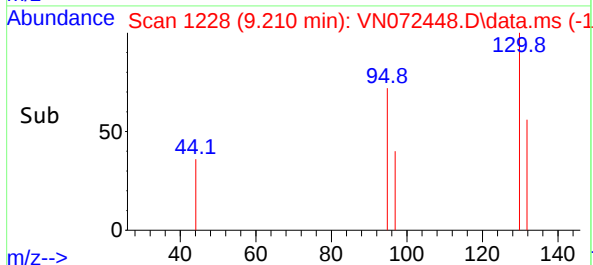
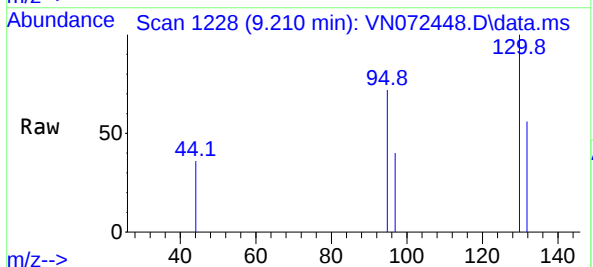


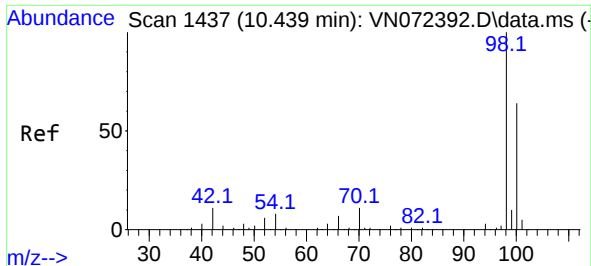
Tgt Ion:117 Resp: 20145
Ion Ratio Lower Upper
117 100
119 3.9 75.8 113.8#
121 0.0 24.6 37.0#



#44
Trichloroethene
Concen: 0.285 ug/l
RT: 9.210 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VN072448.D
Acq: 12 May 2022 13:19

Tgt Ion:130 Resp: 701
Ion Ratio Lower Upper
130 100
95 71.7 0.0 186.8

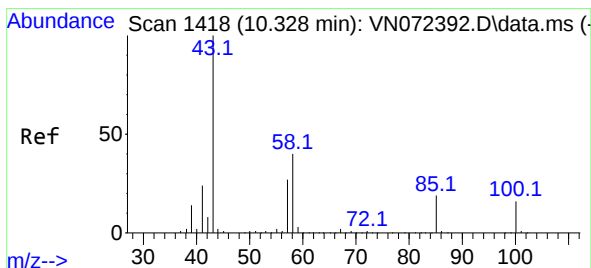
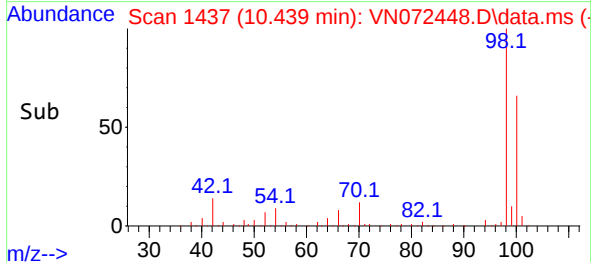
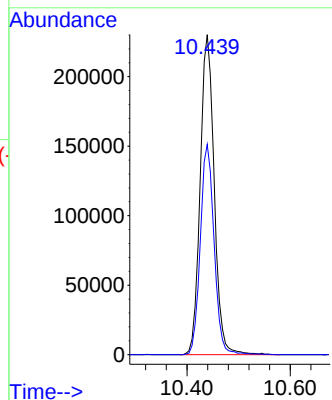
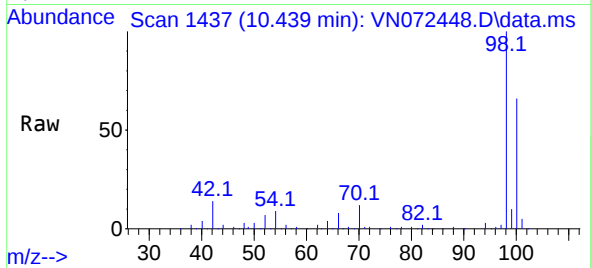




#50
Toluene-d8
Concen: 50.300 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072448.D
Acq: 12 May 2022 13:19

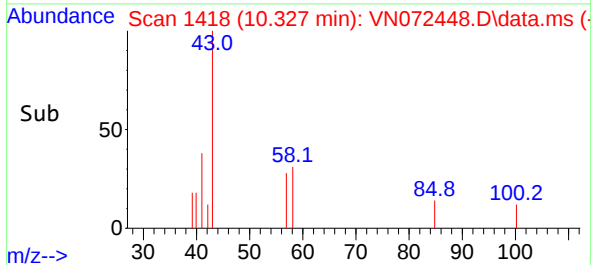
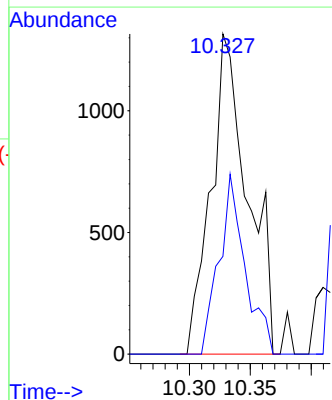
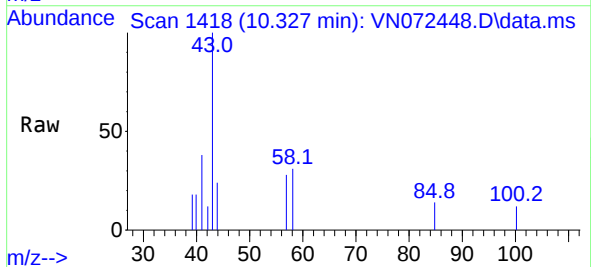
Instrument :
MSVOA_N
ClientSampleId :
IBLK

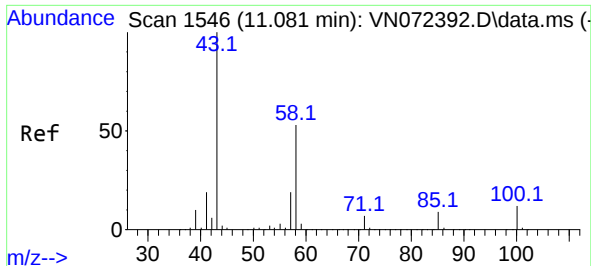
Tgt Ion: 98 Resp: 433265
Ion Ratio Lower Upper
98 100
100 64.7 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.744 ug/l
RT: 10.327 min Scan# 1418
Delta R.T. -0.001 min
Lab File: VN072448.D
Acq: 12 May 2022 13:19

Tgt Ion: 43 Resp: 2764
Ion Ratio Lower Upper
43 100
58 39.8 34.1 51.1

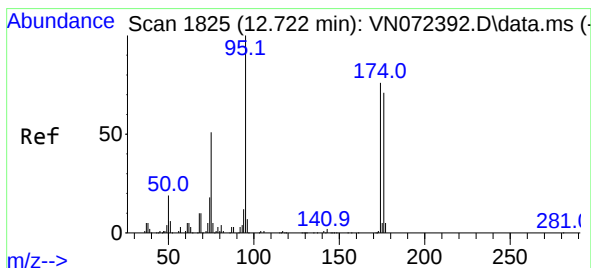
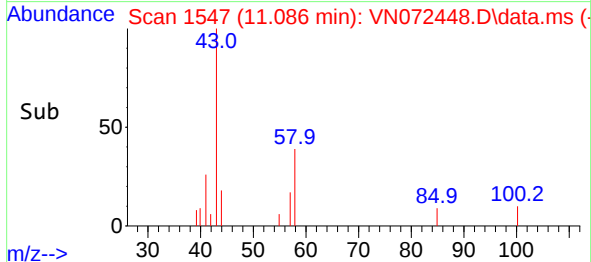
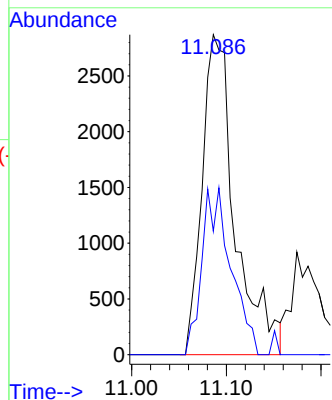
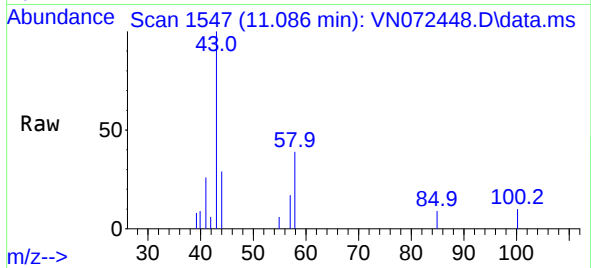




#59
2-Hexanone
Concen: 2.662 ug/l
RT: 11.086 min Scan# 11
Delta R.T. 0.005 min
Lab File: VN072448.D
Acq: 12 May 2022 13:19

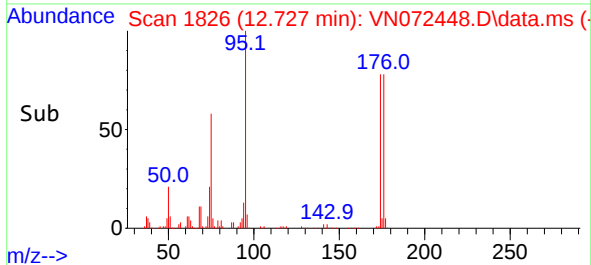
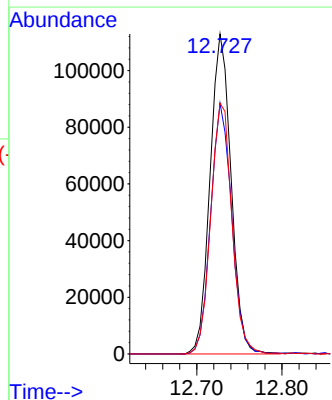
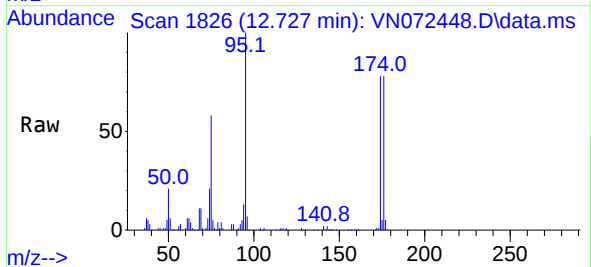
Instrument :
MSVOA_N
ClientSampleId :
IBLK

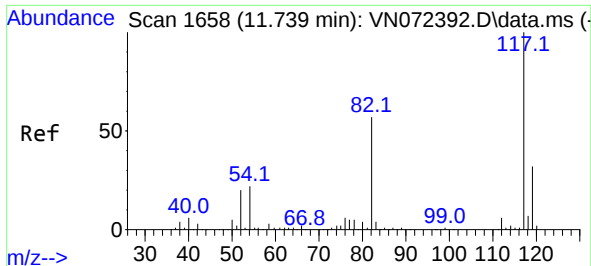
Tgt Ion: 43 Resp: 6938
Ion Ratio Lower Upper
43 100
58 45.8 29.7 89.1



#62
4-Bromofluorobenzene
Concen: 67.501 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.005 min
Lab File: VN072448.D
Acq: 12 May 2022 13:19

Tgt Ion: 95 Resp: 193094
Ion Ratio Lower Upper
95 100
174 78.5 0.0 167.6
176 79.1 0.0 163.4

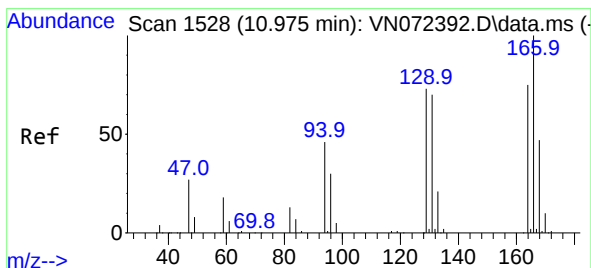
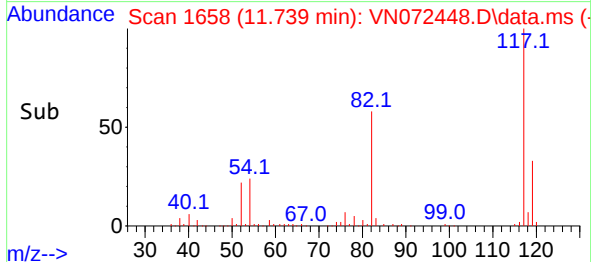
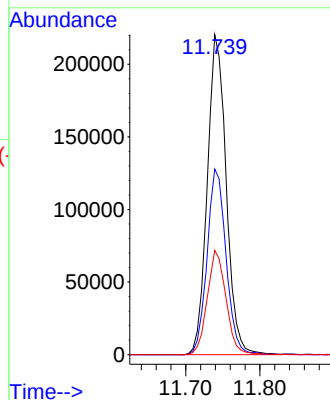
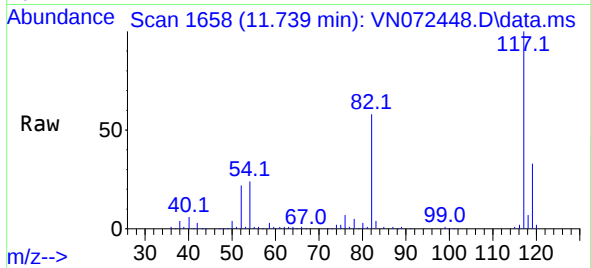




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN072448.D
Acq: 12 May 2022 13:19

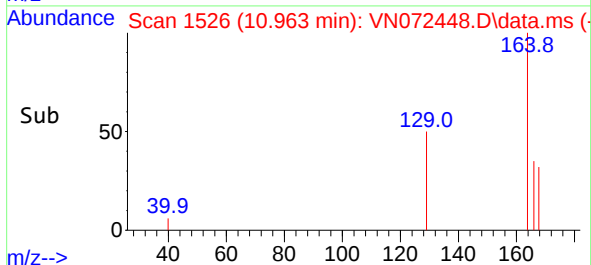
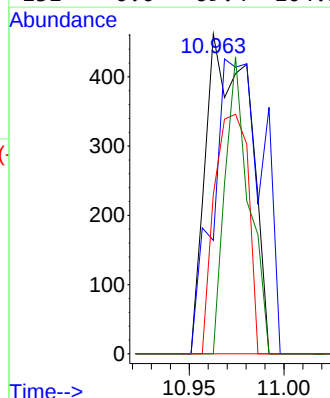
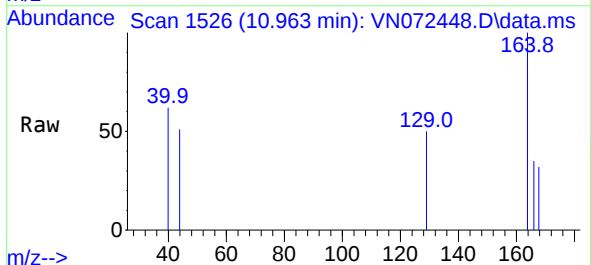
Instrument :
MSVOA_N
ClientSampleId :
IBLK

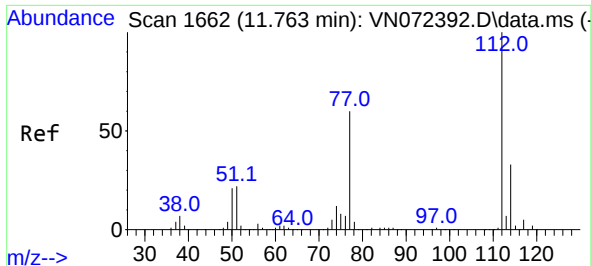
Tgt Ion:117 Resp: 390994
Ion Ratio Lower Upper
117 100
82 58.0 44.2 66.2
119 32.6 25.4 38.0



#64
Tetrachloroethene
Concen: 0.263 ug/l
RT: 10.963 min Scan# 1526
Delta R.T. -0.012 min
Lab File: VN072448.D
Acq: 12 May 2022 13:19

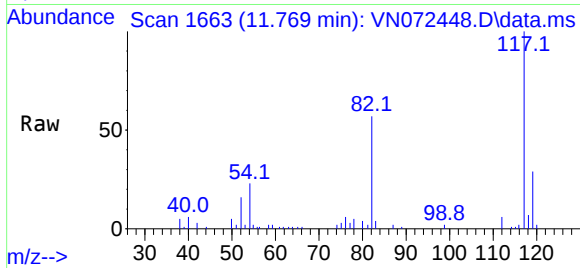
Tgt Ion:164 Resp: 741
Ion Ratio Lower Upper
164 100
166 35.5 104.2 156.2#
129 49.8 73.9 110.9#
131 0.0 69.4 104.2#



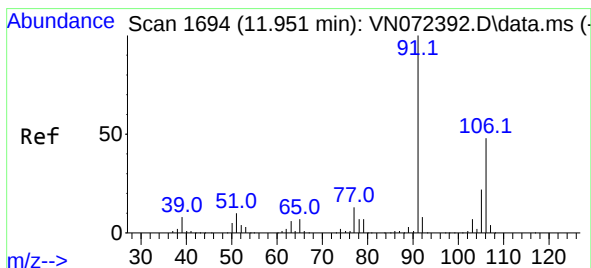
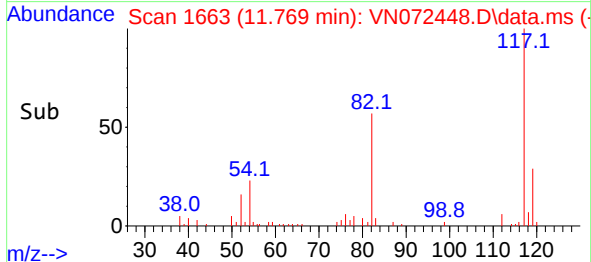
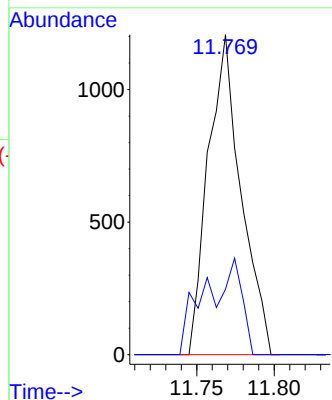


#65
Chlorobenzene
Concen: 0.222 ug/l
RT: 11.769 min Scan# 1662
Delta R.T. 0.006 min
Lab File: VN072448.D
Acq: 12 May 2022 13:19

Instrument :
MSVOA_N
ClientSampleId :
IBLK

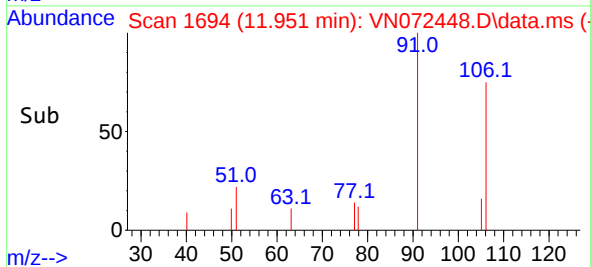
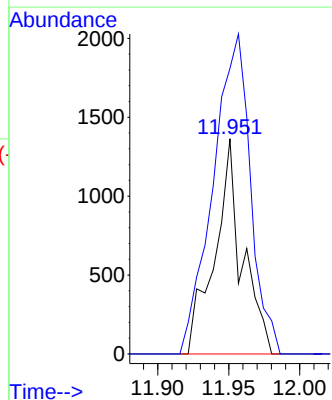
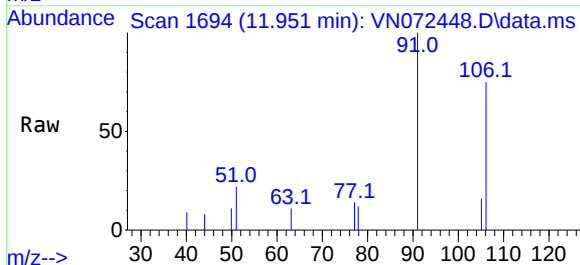


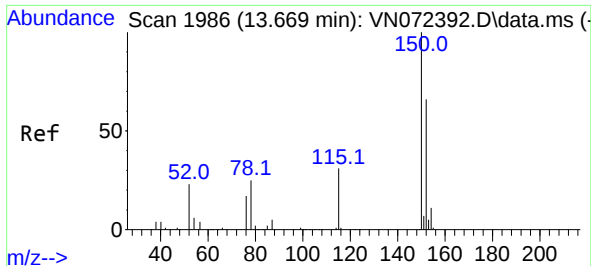
Tgt Ion:112 Resp: 1777
Ion Ratio Lower Upper
112 100
114 20.5 25.4 38.2#



#68
m/p-Xylenes
Concen: 0.352 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. -0.000 min
Lab File: VN072448.D
Acq: 12 May 2022 13:19

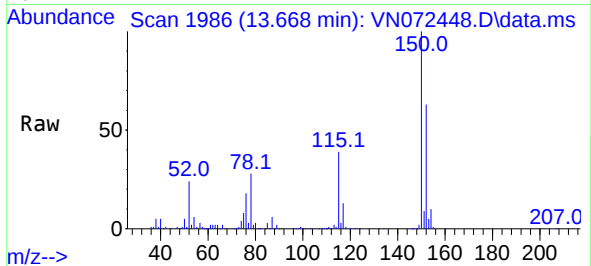
Tgt Ion:106 Resp: 1842
Ion Ratio Lower Upper
106 100
91 201.8 158.9 238.3



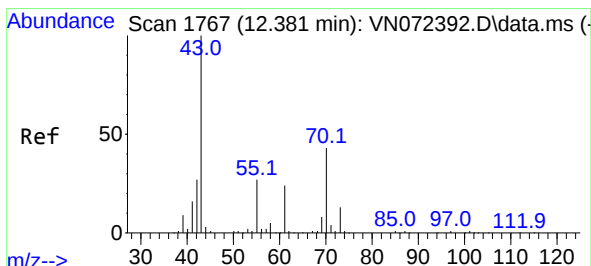
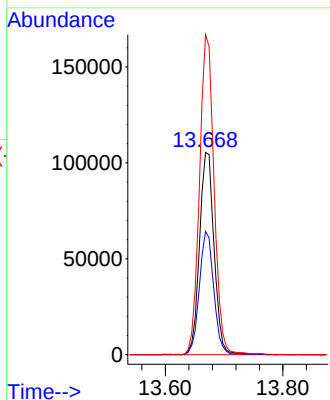
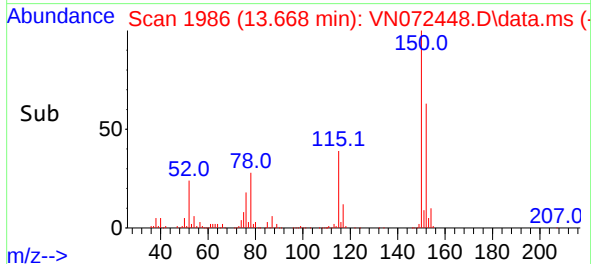


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.001 min
Lab File: VN072448.D
Acq: 12 May 2022 13:19

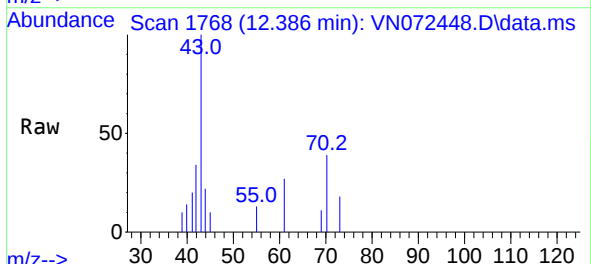
Instrument :
MSVOA_N
ClientSampleId :
IBLK



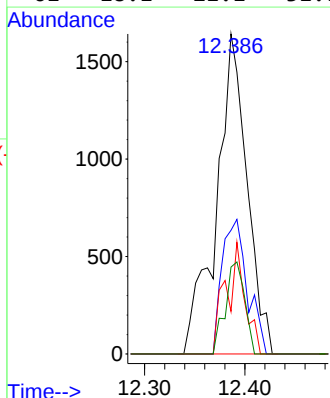
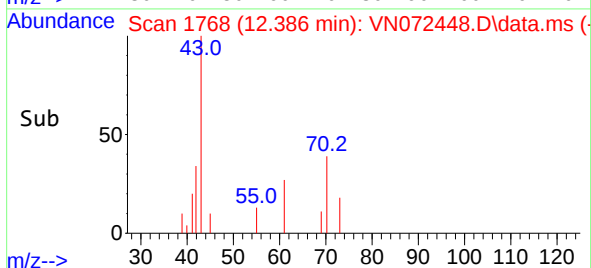
Tgt Ion:152 Resp: 181489
Ion Ratio Lower Upper
152 100
115 59.9 28.9 86.7
150 157.9 0.0 356.2

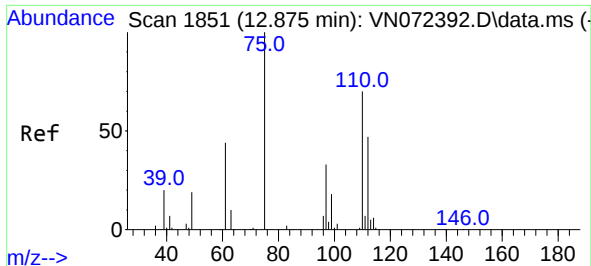


#74
N-ethyl acetate
Concen: 0.656 ug/l
RT: 12.386 min Scan# 1768
Delta R.T. 0.005 min
Lab File: VN072448.D
Acq: 12 May 2022 13:19



Tgt Ion: 43 Resp: 3485
Ion Ratio Lower Upper
43 100
70 34.8 39.0 58.4#
55 21.7 21.1 31.7
61 18.1 21.1 31.7#

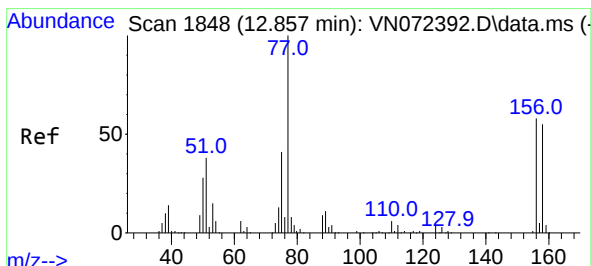
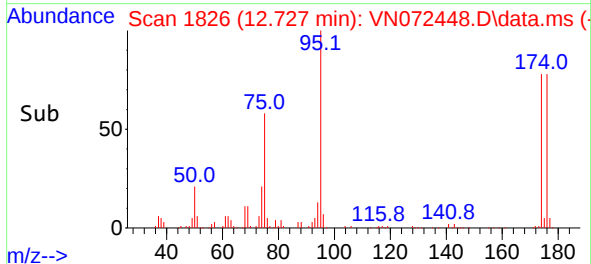
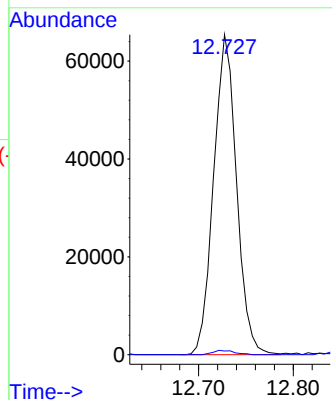
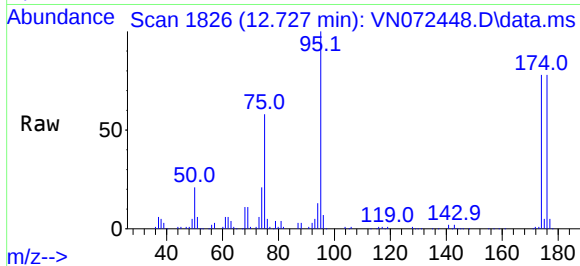




#76
1,2,3-Trichloropropane
Concen: 23.233 ug/l
RT: 12.727 min Scan# 11
Delta R.T. -0.148 min
Lab File: VN072448.D
Acq: 12 May 2022 13:19

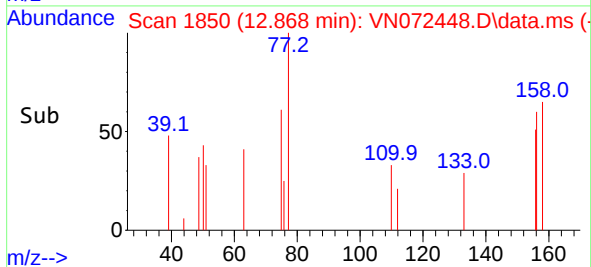
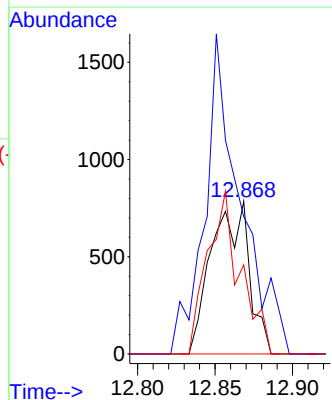
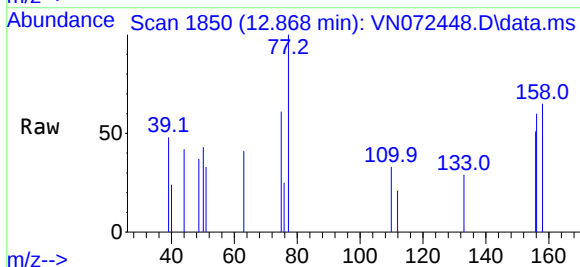
Instrument :
MSVOA_N
ClientSampleId :
IBLK

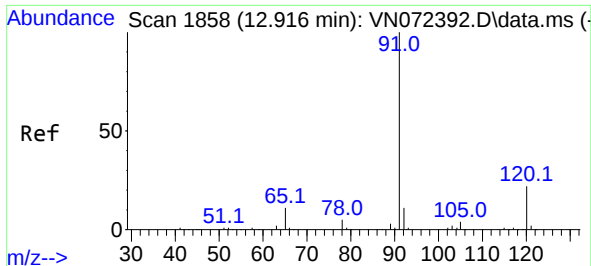
Tgt Ion: 75 Resp: 109978
Ion Ratio Lower Upper
75 100
77 1.3 98.5 295.5#



#77
Bromobenzene
Concen: 0.366 ug/l
RT: 12.868 min Scan# 1850
Delta R.T. 0.011 min
Lab File: VN072448.D
Acq: 12 May 2022 13:19

Tgt Ion:156 Resp: 1317
Ion Ratio Lower Upper
156 100
77 200.4 100.5 301.5
158 93.6 48.9 146.6

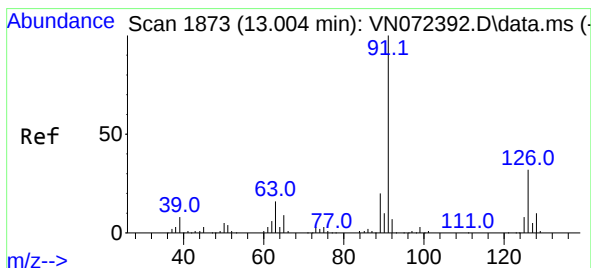
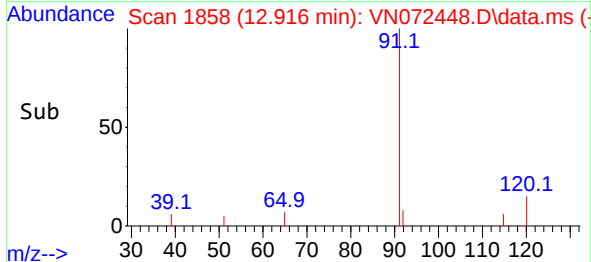
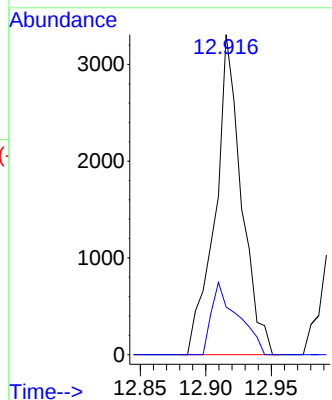
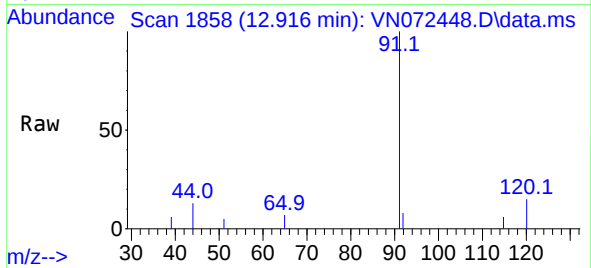




#78
n-propylbenzene
Concen: 0.286 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN072448.D
Acq: 12 May 2022 13:19

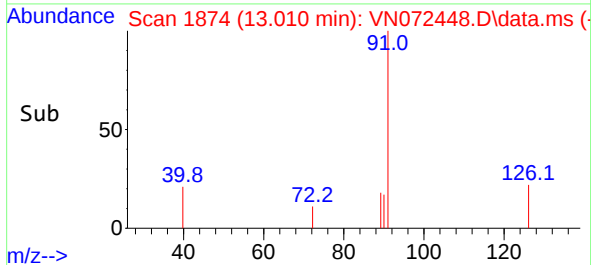
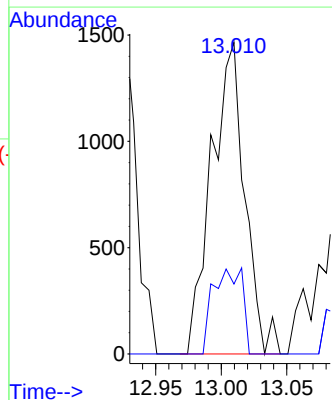
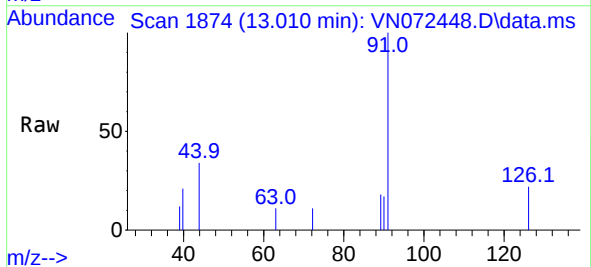
Instrument :
MSVOA_N
ClientSampleId :
IBLK

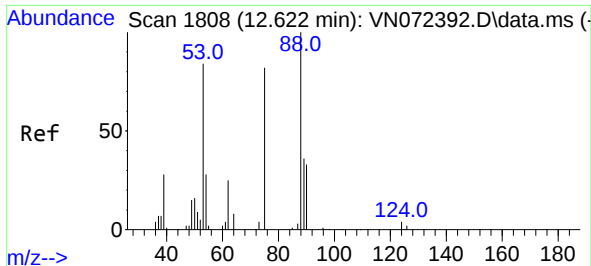
Tgt Ion: 91 Resp: 4604
Ion Ratio Lower Upper
91 100
120 22.6 11.9 35.5



#79
2-Chlorotoluene
Concen: 0.245 ug/l
RT: 13.010 min Scan# 1874
Delta R.T. 0.006 min
Lab File: VN072448.D
Acq: 12 May 2022 13:19

Tgt Ion: 91 Resp: 2589
Ion Ratio Lower Upper
91 100
126 24.1 17.3 51.9

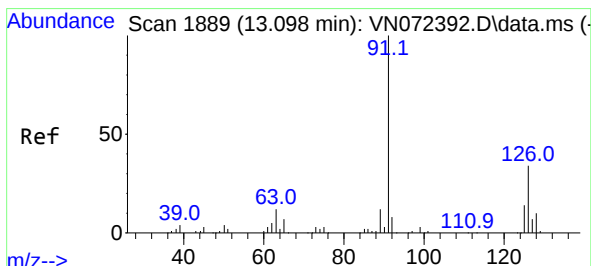
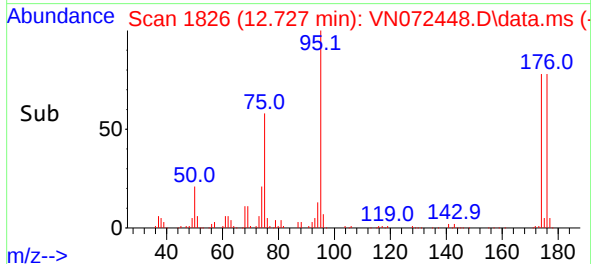
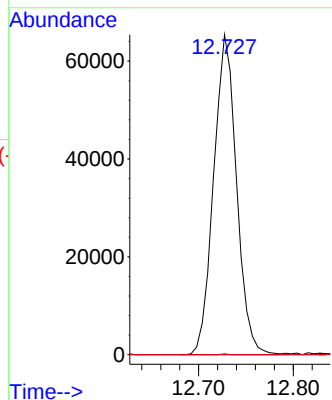
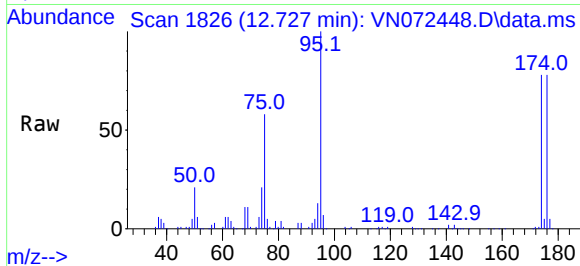




#81
trans-1,4-Dichloro-2-butene
Concen: 77.508 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.105 min
Lab File: VN072448.D
Acq: 12 May 2022 13:19

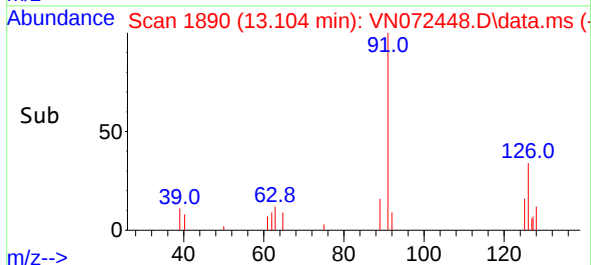
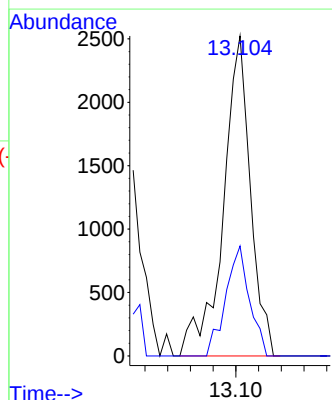
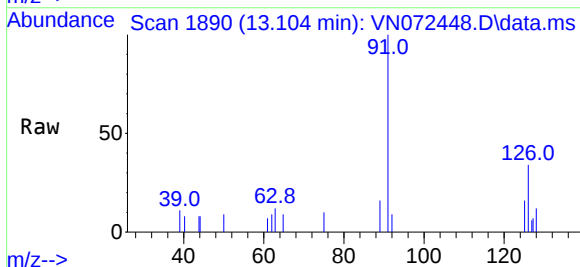
Instrument :
MSVOA_N
ClientSampleId :
IBLK

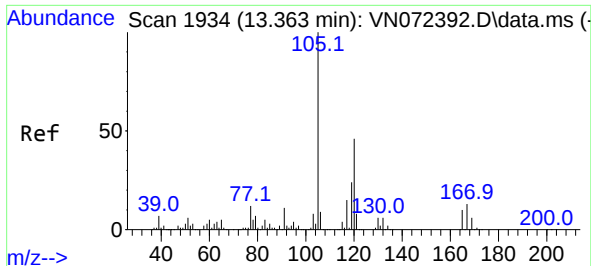
Tgt Ion: 75 Resp: 109978
Ion Ratio Lower Upper
75 100
53 0.1 78.0 117.0#
89 0.0 37.2 55.8#



#82
4-Chlorotoluene
Concen: 0.420 ug/l
RT: 13.104 min Scan# 1890
Delta R.T. 0.006 min
Lab File: VN072448.D
Acq: 12 May 2022 13:19

Tgt Ion: 91 Resp: 4205
Ion Ratio Lower Upper
91 100
126 29.9 17.2 51.6

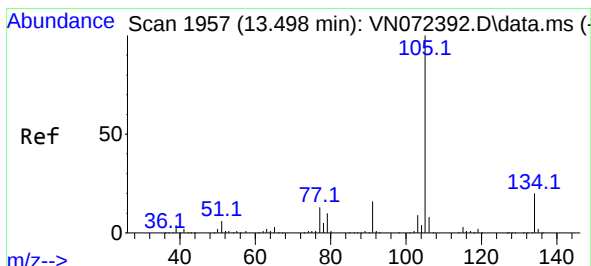
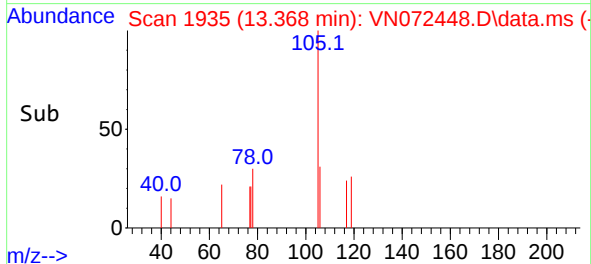
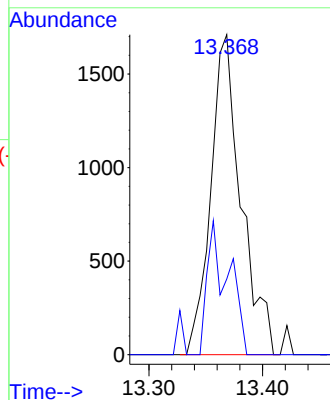
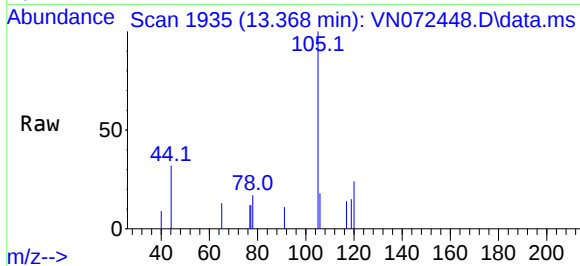




#84
1,2,4-Trimethylbenzene
Concen: 0.265 ug/l
RT: 13.368 min Scan# 1935
Delta R.T. 0.005 min
Lab File: VN072448.D
Acq: 12 May 2022 13:19

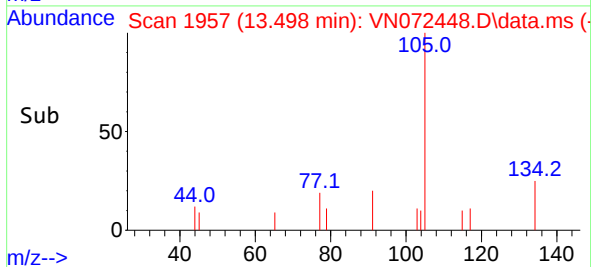
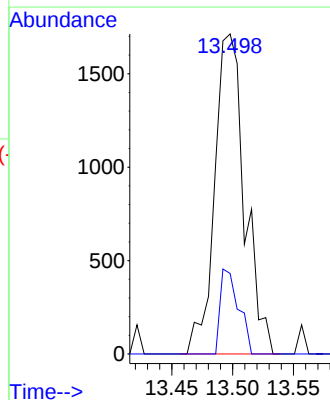
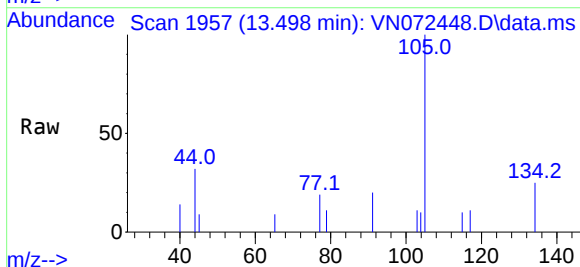
Instrument :
MSVOA_N
ClientSampleId :
IBLK

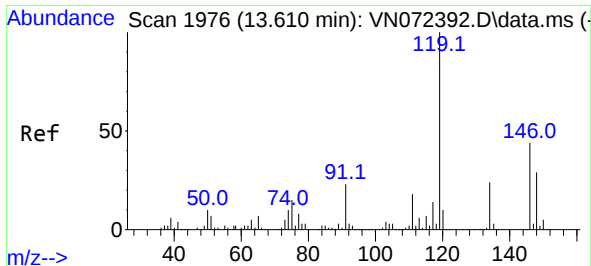
Tgt Ion:105 Resp: 3170
Ion Ratio Lower Upper
105 100
120 29.3 23.3 69.8



#85
sec-Butylbenzene
Concen: 0.205 ug/l
RT: 13.498 min Scan# 1957
Delta R.T. -0.000 min
Lab File: VN072448.D
Acq: 12 May 2022 13:19

Tgt Ion:105 Resp: 2945
Ion Ratio Lower Upper
105 100
134 16.1 10.4 31.1

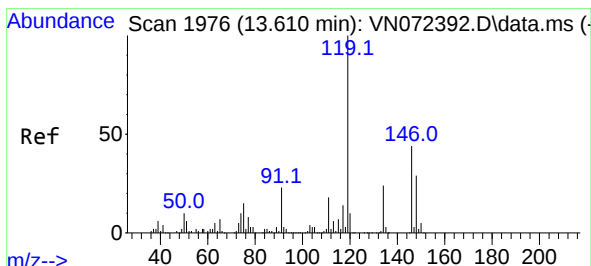
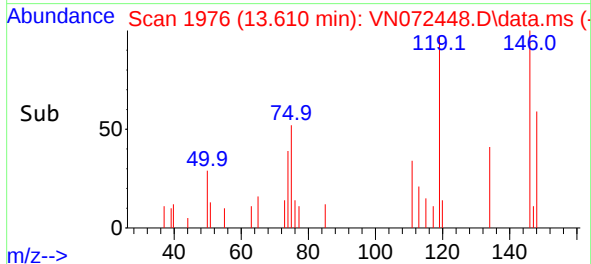
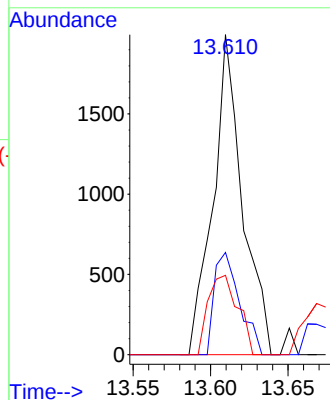
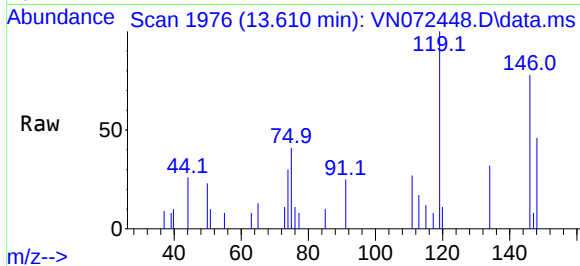




#86
p-Isopropyltoluene
Concen: 0.234 ug/l
RT: 13.610 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VN072448.D
Acq: 12 May 2022 13:19

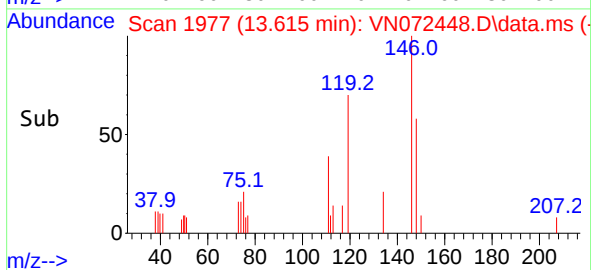
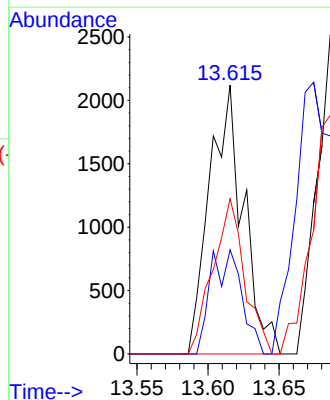
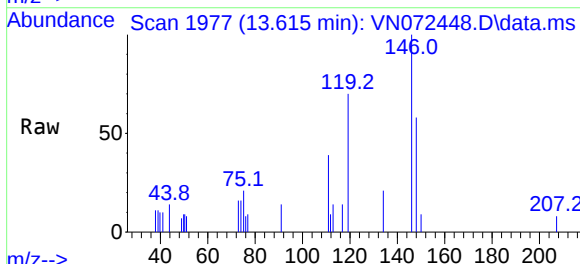
Instrument :
MSVOA_N
ClientSampleId :
IBLK

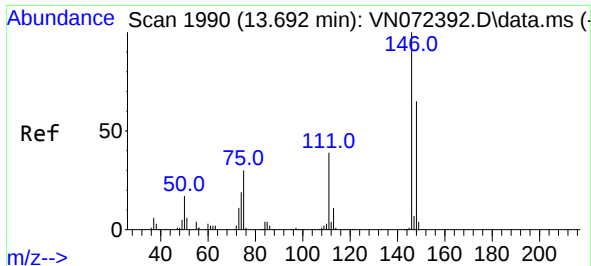
Tgt Ion:	119	Resp:	2620
Ion	Ratio	Lower	Upper
119	100		
134	27.6	13.3	39.8
91	25.2	11.3	33.9



#87
1,3-Dichlorobenzene
Concen: 0.568 ug/l
RT: 13.615 min Scan# 1977
Delta R.T. 0.005 min
Lab File: VN072448.D
Acq: 12 May 2022 13:19

Tgt Ion:	146	Resp:	3525
Ion	Ratio	Lower	Upper
146	100		
111	35.3	20.0	60.0
148	53.8	32.0	96.0

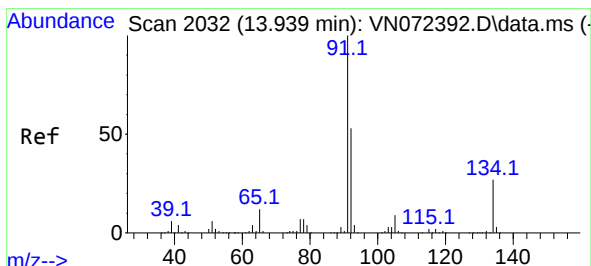
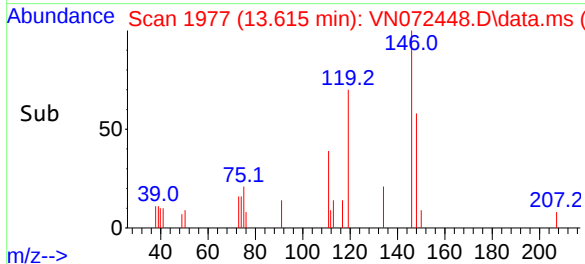
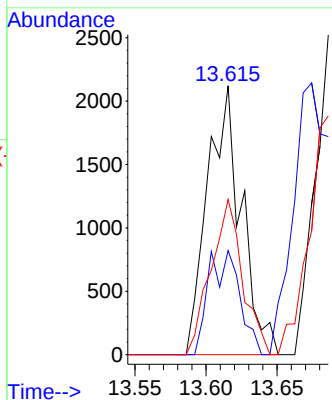
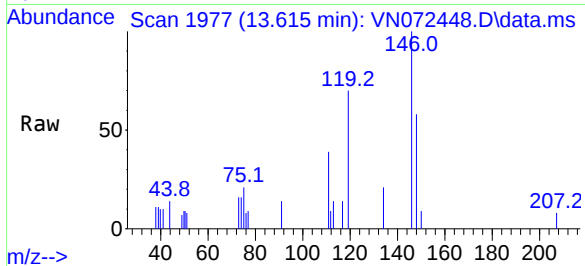




#88
1,4-Dichlorobenzene
Concen: 0.571 ug/l
RT: 13.615 min Scan# 1990
Delta R.T. -0.077 min
Lab File: VN072448.D
Acq: 12 May 2022 13:19

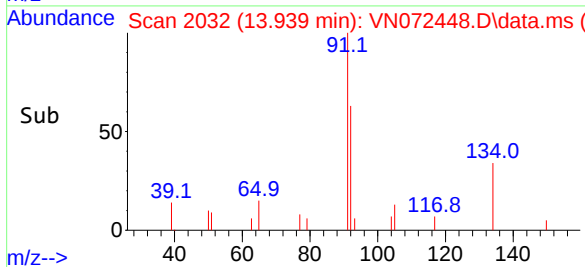
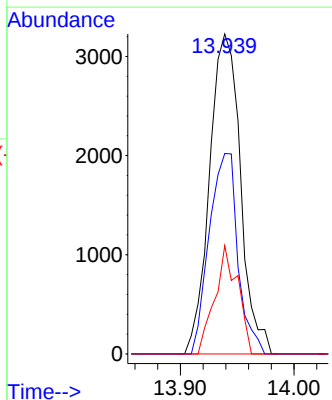
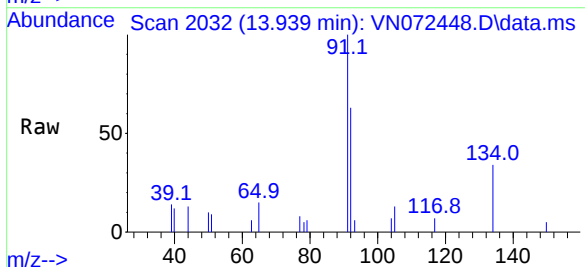
Instrument :
MSVOA_N
ClientSampleId :
IBLK

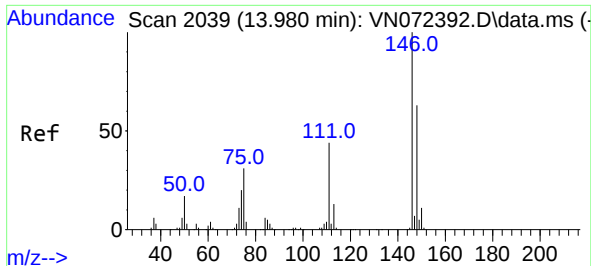
Tgt Ion:	146	Resp:	3525
Ion	Ratio	Lower	Upper
146	100		
111	35.3	19.1	57.1
148	53.8	31.4	94.3



#89
n-Butylbenzene
Concen: 0.714 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VN072448.D
Acq: 12 May 2022 13:19

Tgt Ion:	91	Resp:	6109
Ion	Ratio	Lower	Upper
91	100		
92	58.0	26.9	80.7
134	25.0	13.6	40.8





#91

1,2-Dichlorobenzene

Concen: 0.547 ug/l

RT: 13.980 min Scan# 2039

Delta R.T. 0.000 min

Lab File: VN072448.D

Acq: 12 May 2022 13:19

Instrument :

MSVOA_N

ClientSampleId :

IBLK

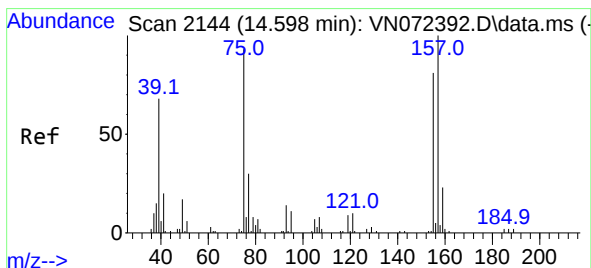
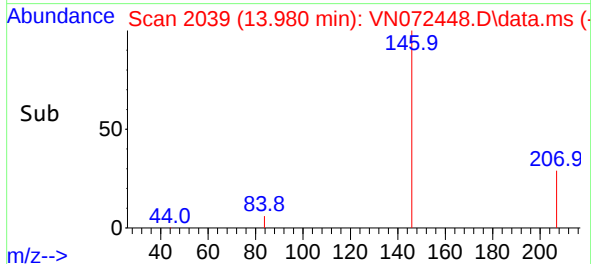
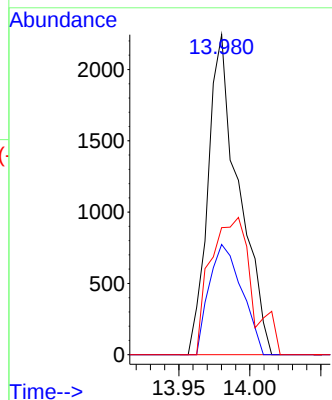
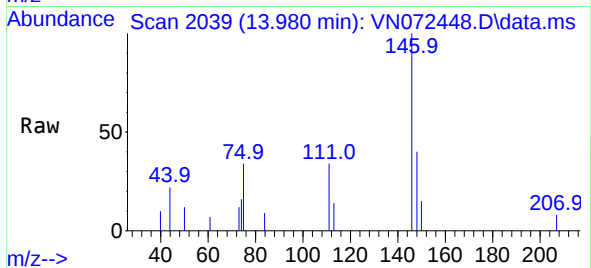
Tgt Ion:146 Resp: 3389

Ion Ratio Lower Upper

146 100

111 36.6 20.9 62.8

148 57.8 32.1 96.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.686 ug/l

RT: 14.598 min Scan# 2144

Delta R.T. -0.000 min

Lab File: VN072448.D

Acq: 12 May 2022 13:19

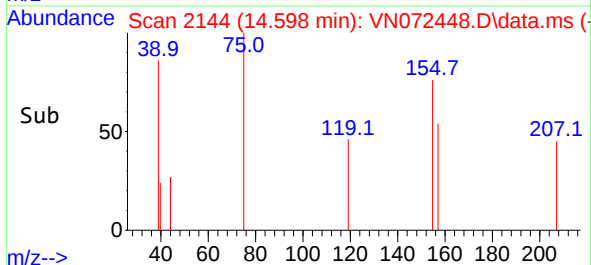
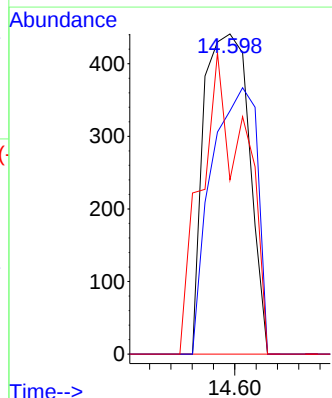
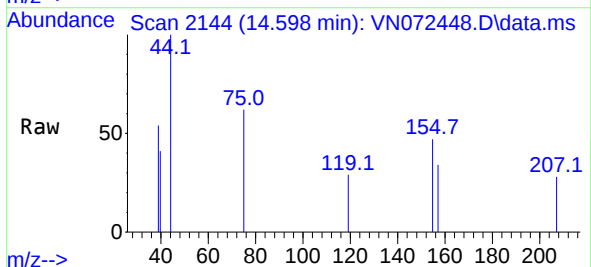
Tgt Ion: 75 Resp: 651

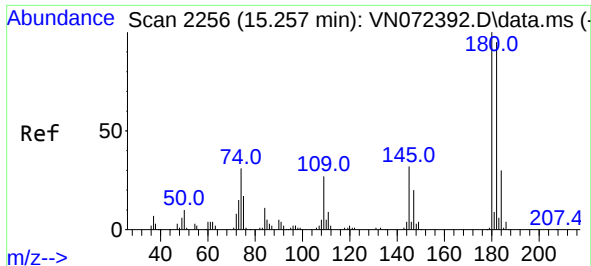
Ion Ratio Lower Upper

75 100

155 84.3 44.9 134.5

157 91.6 59.0 176.8

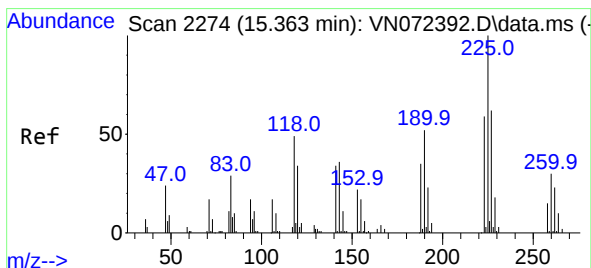
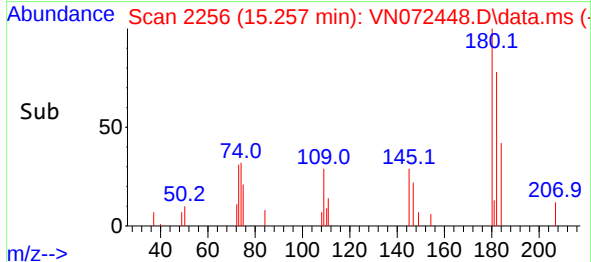
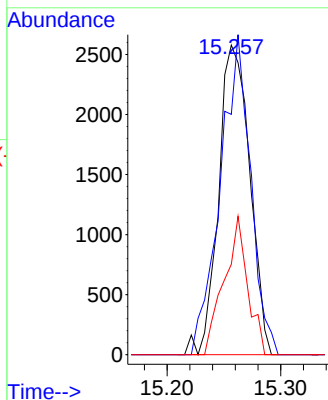
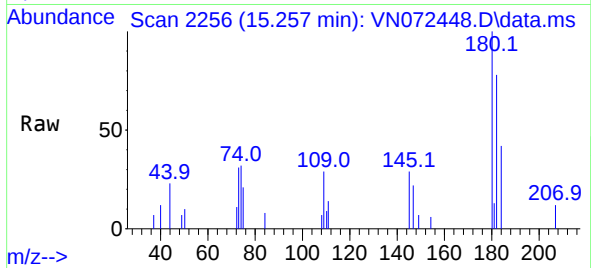




#93
1,2,4-Trichlorobenzene
Concen: 2.095 ug/l
RT: 15.257 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN072448.D
Acq: 12 May 2022 13:19

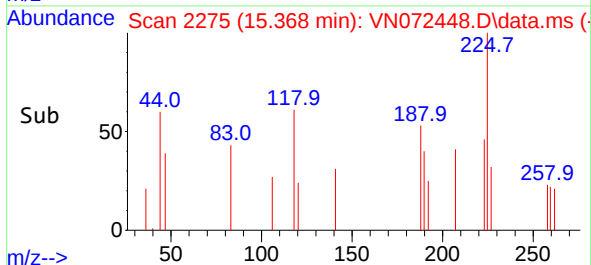
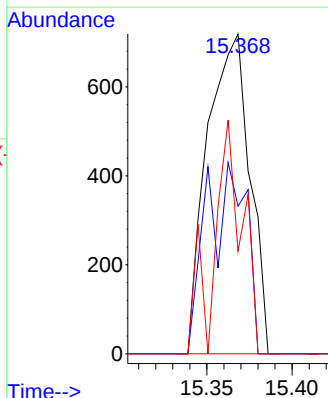
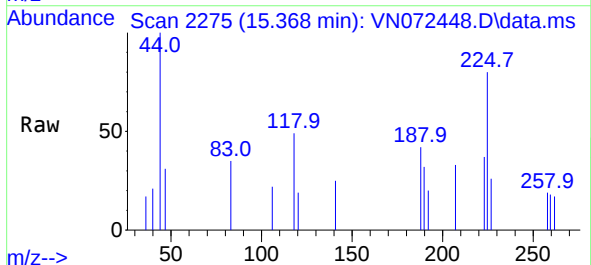
Instrument :
MSVOA_N
ClientSampleId :
IBLK

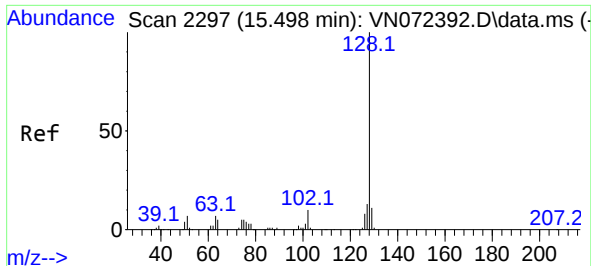
Tgt Ion:180	Resp:	4916
Ion Ratio	Lower	Upper
180	100	
182	100.3	47.5 142.5
145	33.6	14.5 43.5



#94
Hexachlorobutadiene
Concen: 0.802 ug/l
RT: 15.368 min Scan# 2275
Delta R.T. 0.005 min
Lab File: VN072448.D
Acq: 12 May 2022 13:19

Tgt Ion:225	Resp:	1246
Ion Ratio	Lower	Upper
225	100	
223	32.0	32.4 97.2#
227	49.2	31.8 95.4

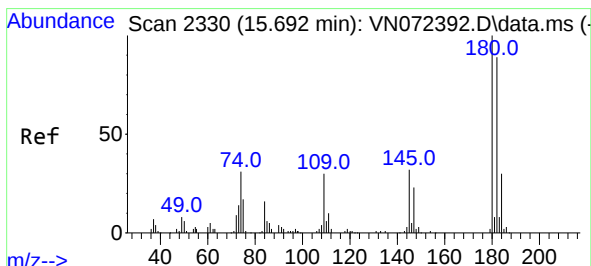
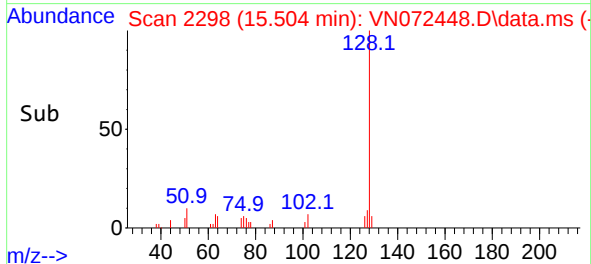
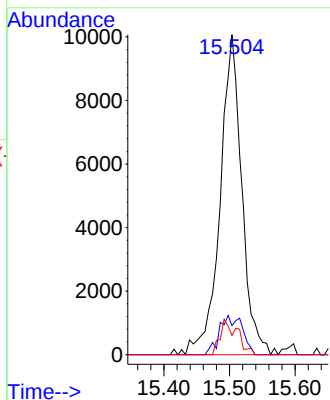
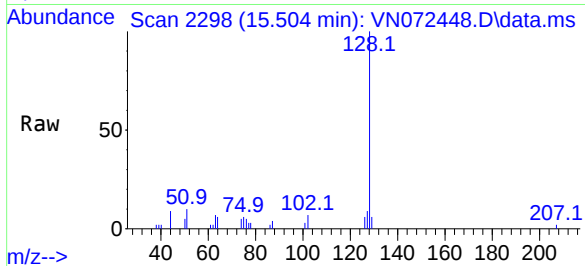




#95
Naphthalene
Concen: 5.684 ug/l
RT: 15.504 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN072448.D
Acq: 12 May 2022 13:19

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:	128	Resp:	23223
Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.3	15.5
129	8.7	8.6	13.0



#96
1,2,3-Trichlorobenzene
Concen: 2.496 ug/l
RT: 15.698 min Scan# 2331
Delta R.T. 0.006 min
Lab File: VN072448.D
Acq: 12 May 2022 13:19

Tgt Ion:	180	Resp:	5870
Ion	Ratio	Lower	Upper
180	100		
182	100.4	47.8	143.3
145	35.2	15.5	46.5

