

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092922\
 Data File : VN074657.D
 Acq On : 29 Sep 2022 16:08
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Sep 29 17:23:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092922W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 29 16:21:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.934	168	604791	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.828	114	1158602	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.622	117	1169424	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.551	152	505766	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.286	65	428070	28.242	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	56.480%#
35) Dibromofluoromethane	7.869	113	372961	30.413	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	60.820%#
50) Toluene-d8	10.310	98	1389447	26.936	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	53.880%#
62) 4-Bromofluorobenzene	12.610	95	525517	32.129	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	64.260%#
Target Compounds						
					Qvalue	
3) Chloromethane	2.222	50	7006	0.378	ug/l #	84
5) Bromomethane	2.734	94	4093	0.220	ug/l #	40
8) Diethyl Ether	3.781	74	150	Below Cal		69
11) Tert butyl alcohol	5.122	59	9103	2.249	ug/l #	78
13) Acrolein	3.899	56	2027	Below Cal	#	1
16) Acetone	4.146	43	5396	Below Cal	#	63
17) Carbon Disulfide	4.351	76	10362	0.314	ug/l #	93
18) Methyl Acetate	4.669	43	10848	0.387	ug/l	99
20) Methylene Chloride	4.922	84	5272	Below Cal	#	71
21) trans-1,2-Dichloroethene	5.404	96	2742	0.222	ug/l #	59
25) 2-Butanone	7.169	43	5666	0.406	ug/l #	45
31) Cyclohexane	7.934	56	20771	0.843	ug/l #	28
36) 1,1-Dichloropropene	8.063	75	4127	0.210	ug/l #	58
38) Carbon Tetrachloride	7.928	117	64206	3.568	ug/l #	16
49) 1,4-Dioxane	9.439	88	821	2.248	ug/l #	72
51) 4-Methyl-2-Pentanone	10.204	43	11585	0.394	ug/l #	71
59) 2-Hexanone	10.963	43	17938	0.807	ug/l	94
64) Tetrachloroethene	10.851	164	3055	0.309	ug/l #	46
65) Chlorobenzene	11.645	112	7045	0.201	ug/l #	10
68) m/p-Xylenes	11.827	106	8164	0.329	ug/l	99
74) N-amyl acetate	12.269	43	9282	0.320	ug/l	95
76) 1,2,3-Trichloropropane	12.610	75	307788	23.423	ug/l #	1
77) Bromobenzene	12.739	156	3058	Below Cal		53
78) n-propylbenzene	12.792	91	14489	0.265	ug/l	96
79) 2-Chlorotoluene	12.980	91	12421	0.378	ug/l	93
80) 1,3,5-Trimethylbenzene	12.939	105	7887	0.209	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.610	75	307788	50.855	ug/l #	10
82) 4-Chlorotoluene	12.980	91	12370	0.405	ug/l	94
83) tert-Butylbenzene	13.192	119	7109	0.211	ug/l	97
84) 1,2,4-Trimethylbenzene	13.251	105	10017	0.265	ug/l	97
85) sec-Butylbenzene	13.386	105	11655	0.246	ug/l	98
86) p-Isopropyltoluene	13.498	119	11443	0.304	ug/l	91
87) 1,3-Dichlorobenzene	13.486	146	9458	0.514	ug/l	84
88) 1,4-Dichlorobenzene	13.486	146	9458	0.502	ug/l	81
89) n-Butylbenzene	13.816	91	16287	0.491	ug/l	97
91) 1,2-Dichlorobenzene	13.863	146	7056	0.367	ug/l	76

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092922\
Data File : VN074657.D
Acq On : 29 Sep 2022 16:08
Operator : JC\MD
Sample : IBLK
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Quant Time: Sep 29 17:23:20 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092922W.M
Quant Title : SW846 8260
QLast Update : Thu Sep 29 16:21:38 2022
Response via : Initial Calibration

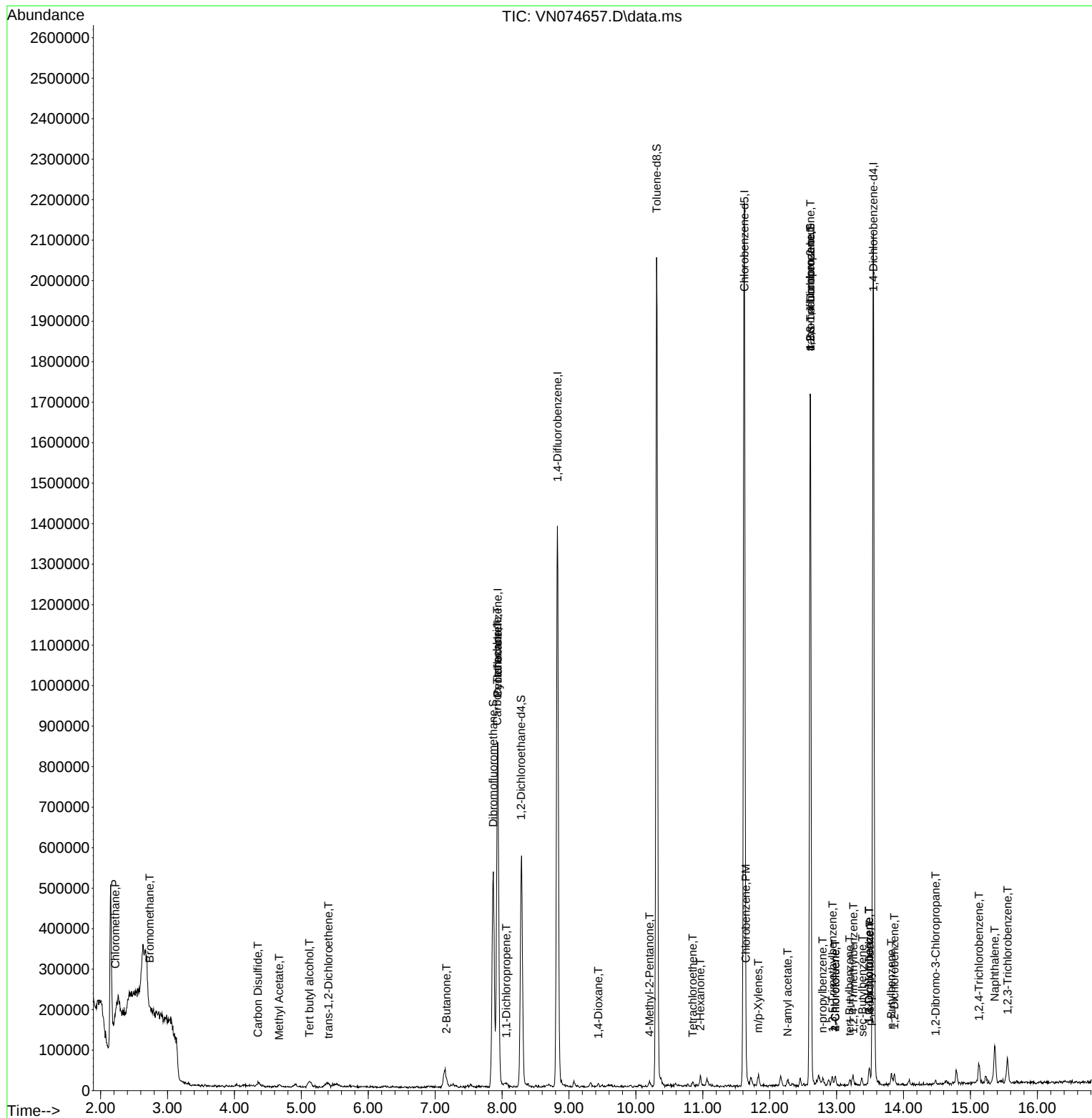
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
92) 1,2-Dibromo-3-Chloropr...	14.480	75	2563	0.706	ug/l	90
93) 1,2,4-Trichlorobenzene	15.127	180	14231	1.657	ug/l	92
94) Hexachlorobutadiene	15.233	225	2465	Below Cal		81
95) Naphthalene	15.362	128	87605	2.608	ug/l	99
96) 1,2,3-Trichlorobenzene	15.557	180	19801	2.317	ug/l	92

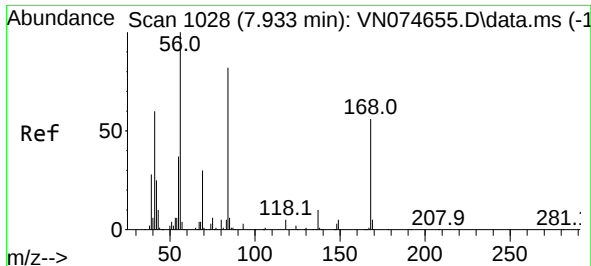
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092922\
Data File : VN074657.D
Acq On : 29 Sep 2022 16:08
Operator : JC\MD
Sample : IBLK
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Quant Time: Sep 29 17:23:20 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092922W.M
Quant Title : SW846 8260
QLast Update : Thu Sep 29 16:21:38 2022
Response via : Initial Calibration

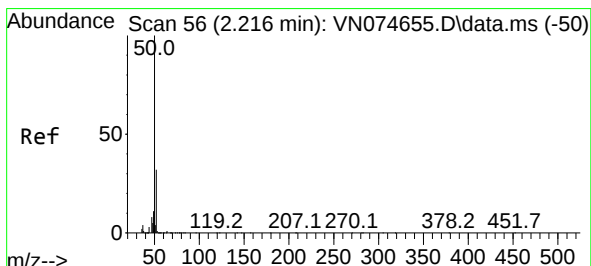
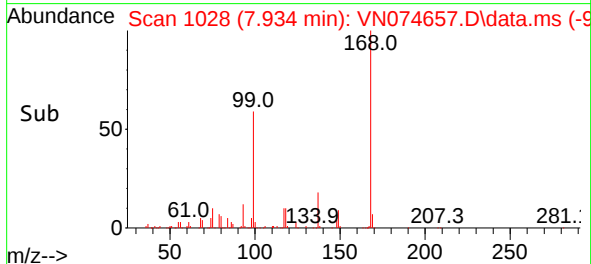
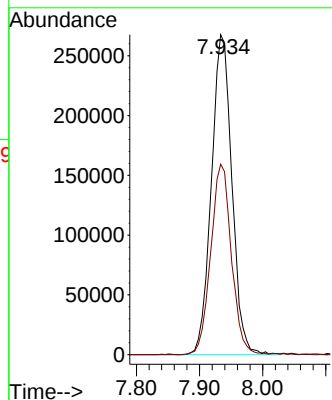
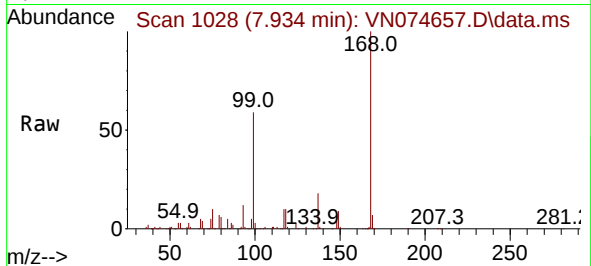




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.934 min Scan# 1028
Delta R.T. 0.001 min
Lab File: VN074657.D
Acq: 29 Sep 2022 16:08

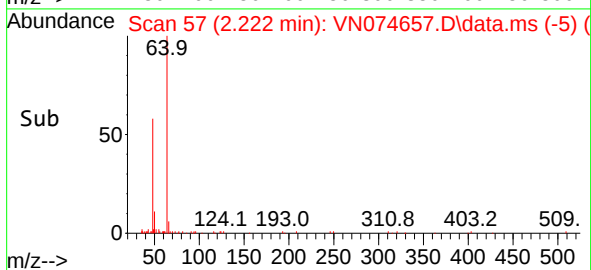
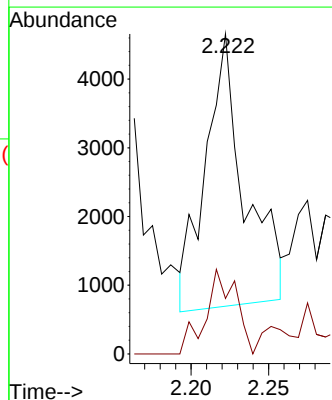
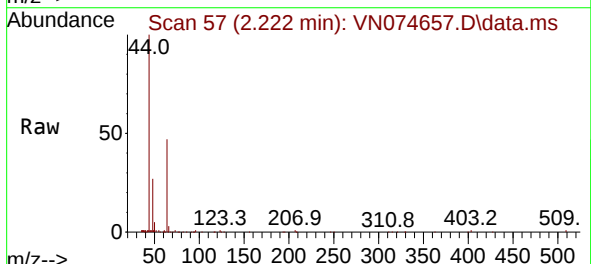
Instrument :
MSVOA_N
ClientSampleId :
IBLK

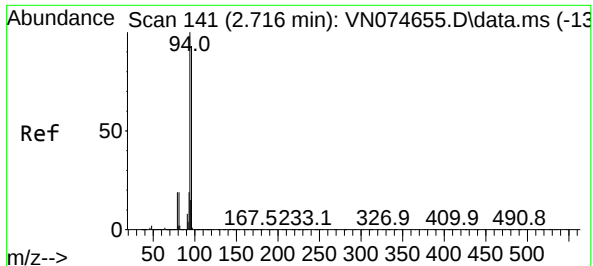
Tgt Ion:168 Resp: 604791
Ion Ratio Lower Upper
168 100
99 59.5 42.3 63.5



#3
Chloromethane
Concen: 0.378 ug/l
RT: 2.222 min Scan# 57
Delta R.T. 0.006 min
Lab File: VN074657.D
Acq: 29 Sep 2022 16:08

Tgt Ion: 50 Resp: 7006
Ion Ratio Lower Upper
50 100
52 23.3 25.7 38.5

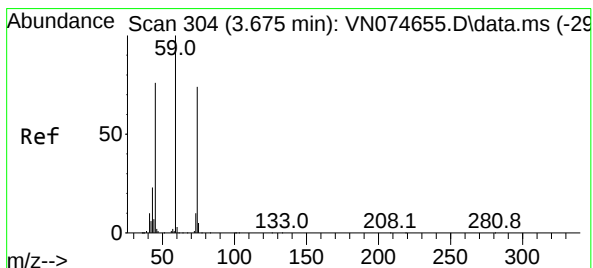
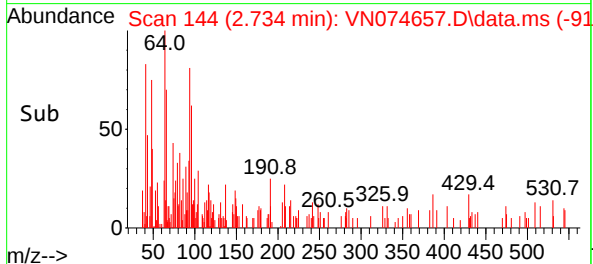
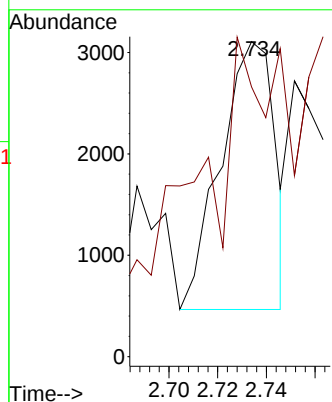
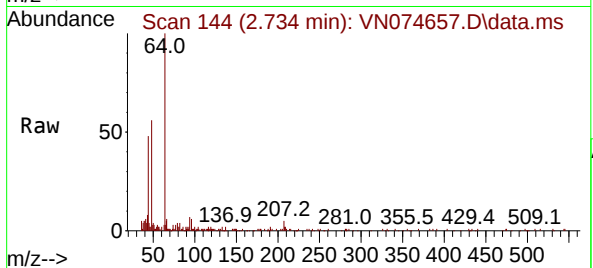




#5
Bromomethane
Concen: 0.220 ug/l
RT: 2.734 min Scan# 141
Delta R.T. 0.012 min
Lab File: VN074657.D
Acq: 29 Sep 2022 16:08

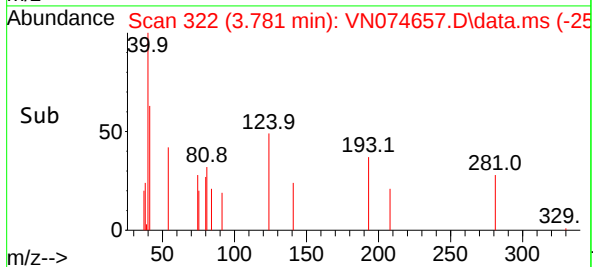
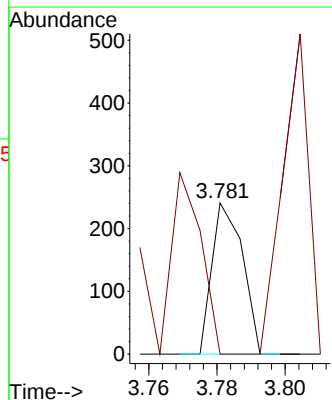
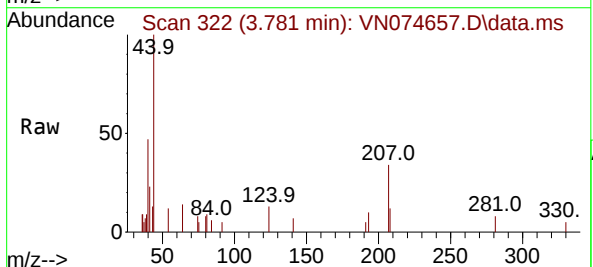
Instrument :
MSVOA_N
ClientSampleId :
IBLK

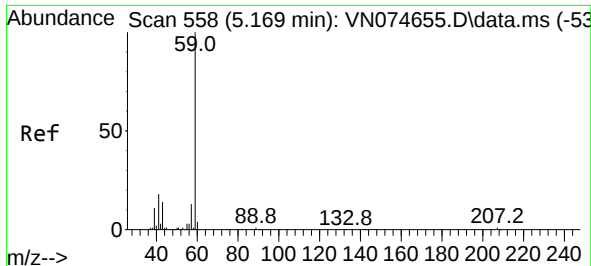
Tgt Ion: 94 Resp: 4093
Ion Ratio Lower Upper
94 100
96 37.0 76.0 114.0#



#8
Diethyl Ether
Concen: Below Cal
RT: 3.781 min Scan# 322
Delta R.T. 0.100 min
Lab File: VN074657.D
Acq: 29 Sep 2022 16:08

Tgt Ion: 74 Resp: 150
Ion Ratio Lower Upper
74 100
45 114.0 42.9 128.5

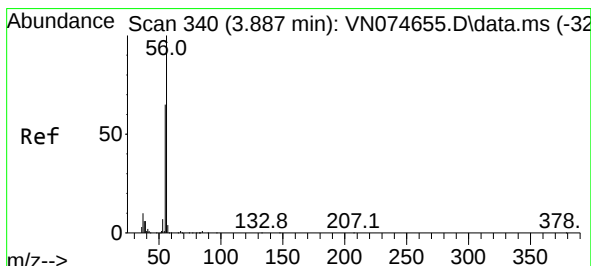
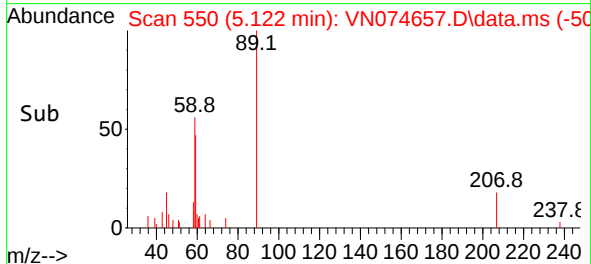
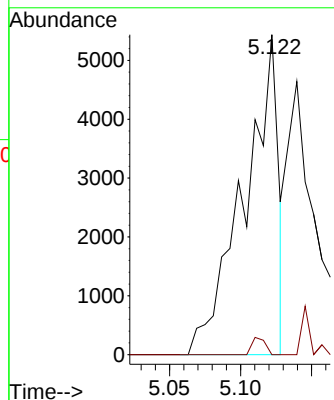
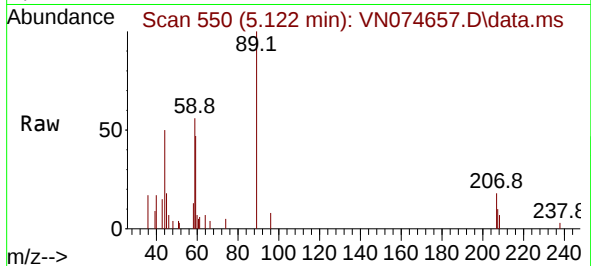




#11
Tert butyl alcohol
Concen: 2.249 ug/l
RT: 5.122 min Scan# 51
Delta R.T. -0.047 min
Lab File: VN074657.D
Acq: 29 Sep 2022 16:08

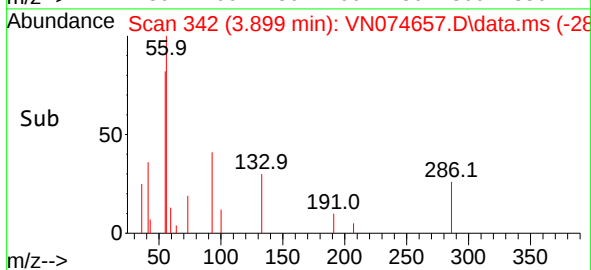
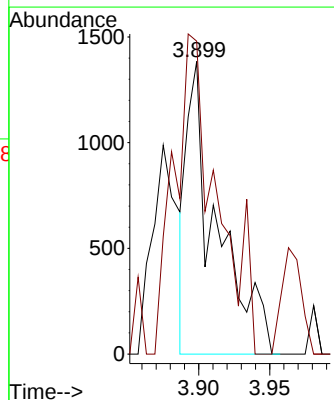
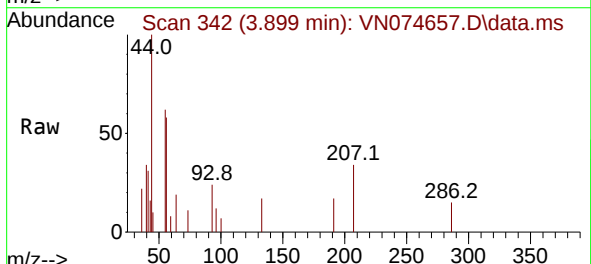
Instrument :
MSVOA_N
ClientSampleId :
IBLK

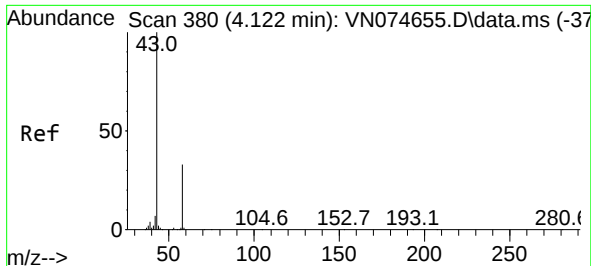
Tgt Ion: 59 Resp: 9103
Ion Ratio Lower Upper
59 100
57 2.1 8.3 12.5#



#13
Acrolein
Concen: Below Cal
RT: 3.899 min Scan# 342
Delta R.T. 0.012 min
Lab File: VN074657.D
Acq: 29 Sep 2022 16:08

Tgt Ion: 56 Resp: 2027
Ion Ratio Lower Upper
56 100
55 155.4 54.8 82.2#

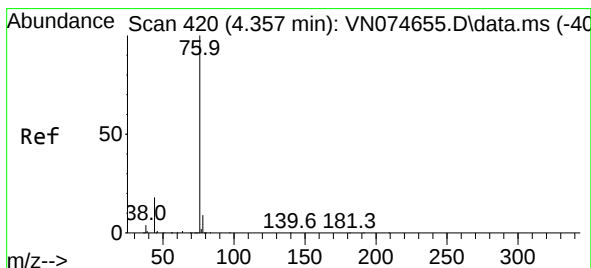
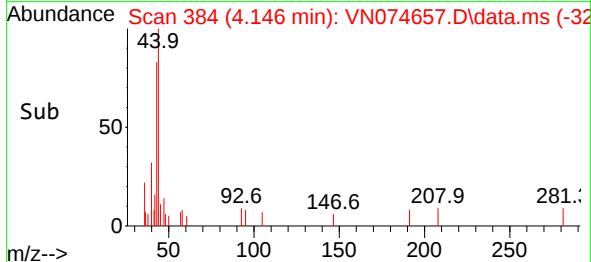
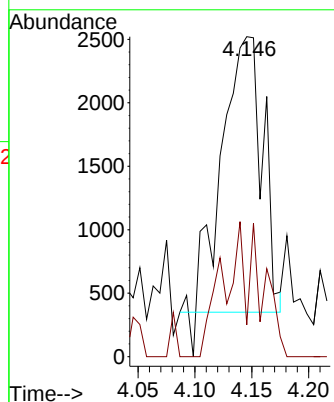
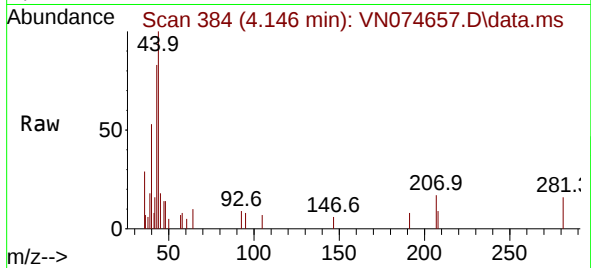




#16
Acetone
Concen: Below Cal
RT: 4.146 min Scan# 384
Delta R.T. 0.024 min
Lab File: VN074657.D
Acq: 29 Sep 2022 16:08

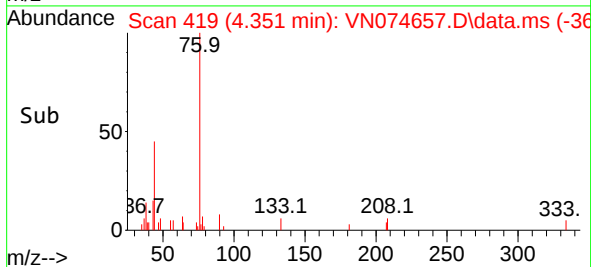
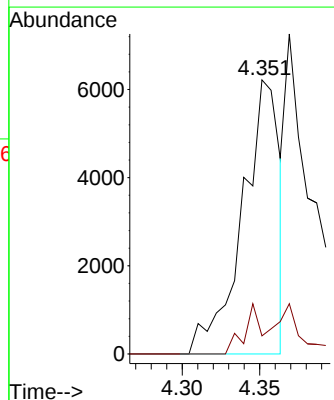
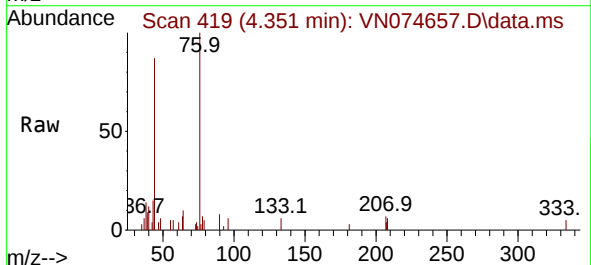
Instrument :
MSVOA_N
ClientSampleId :
IBLK

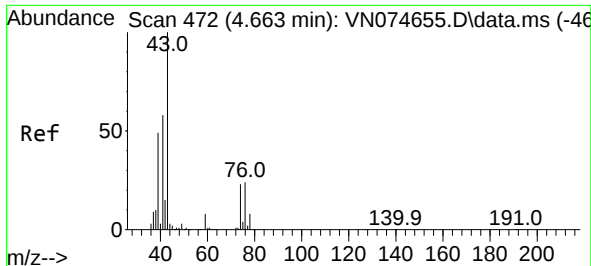
Tgt Ion: 43 Resp: 5396
Ion Ratio Lower Upper
43 100
58 11.5 26.0 39.0#



#17
Carbon Disulfide
Concen: 0.314 ug/l
RT: 4.351 min Scan# 419
Delta R.T. -0.006 min
Lab File: VN074657.D
Acq: 29 Sep 2022 16:08

Tgt Ion: 76 Resp: 10362
Ion Ratio Lower Upper
76 100
78 6.6 7.2 10.8#

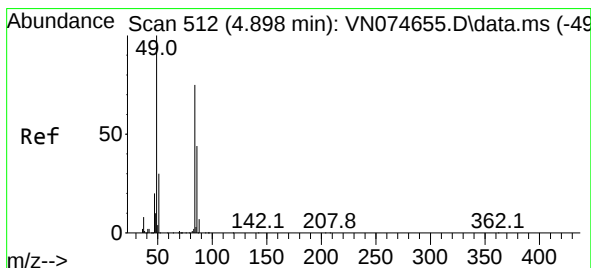
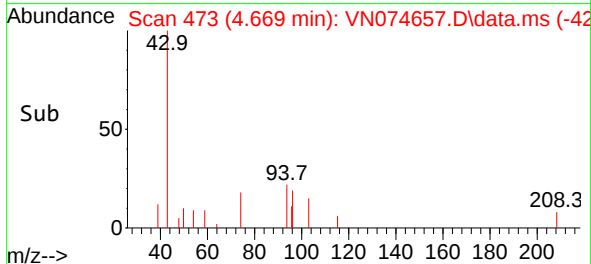
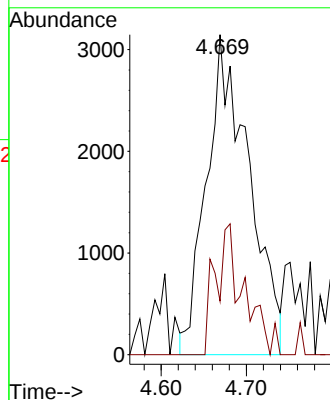
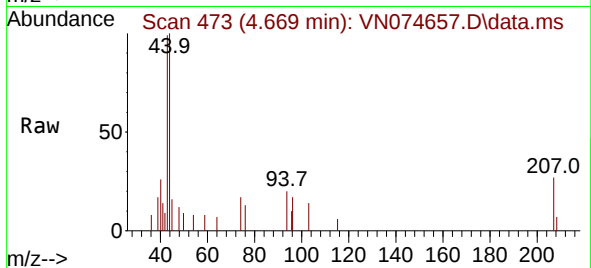




#18
Methyl Acetate
Concen: 0.387 ug/l
RT: 4.669 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN074657.D
Acq: 29 Sep 2022 16:08

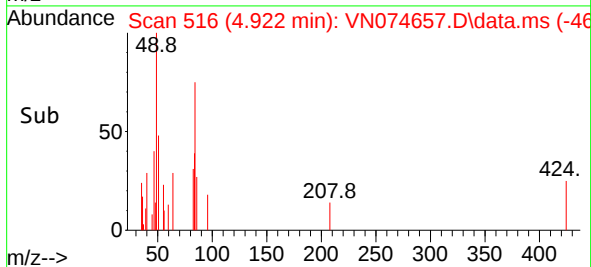
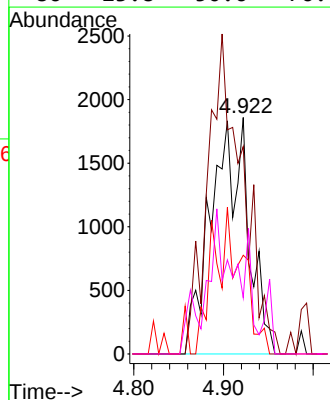
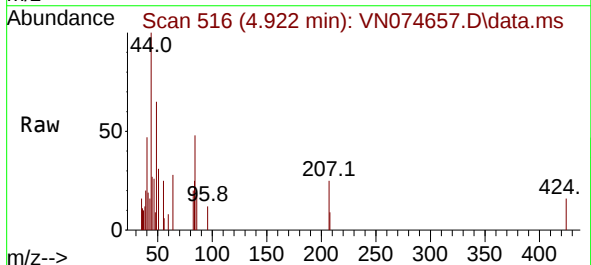
Instrument :
MSVOA_N
ClientSampleId :
IBLK

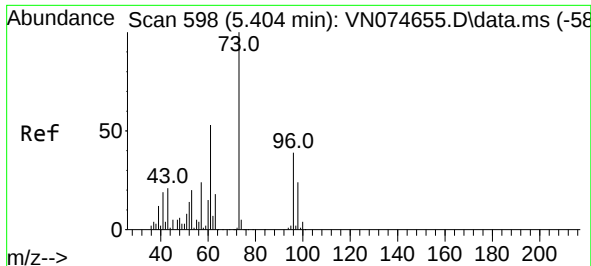
Tgt Ion: 43 Resp: 10848
Ion Ratio Lower Upper
43 100
74 26.5 21.6 32.4



#20
Methylene Chloride
Concen: Below Cal
RT: 4.922 min Scan# 516
Delta R.T. 0.024 min
Lab File: VN074657.D
Acq: 29 Sep 2022 16:08

Tgt Ion: 84 Resp: 5272
Ion Ratio Lower Upper
84 100
49 87.7 88.3 132.5#
51 41.8 28.2 42.2
86 23.8 50.6 76.0#

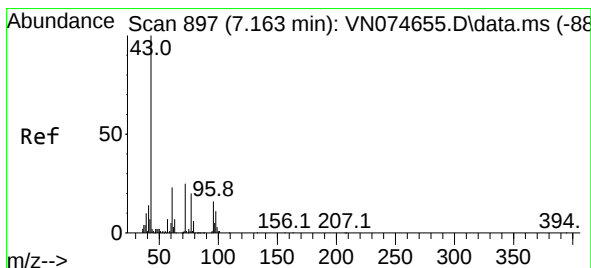
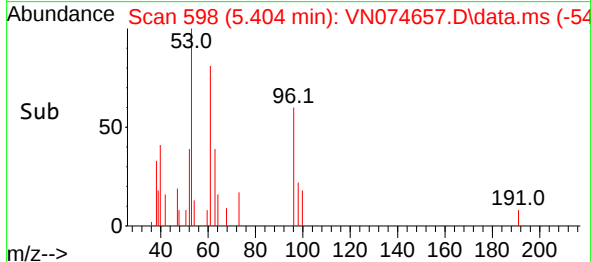
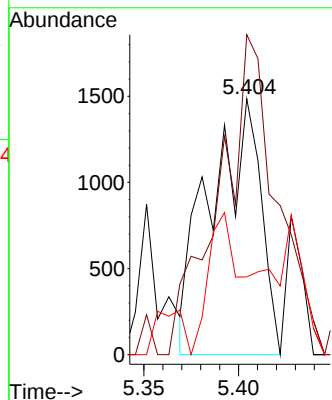
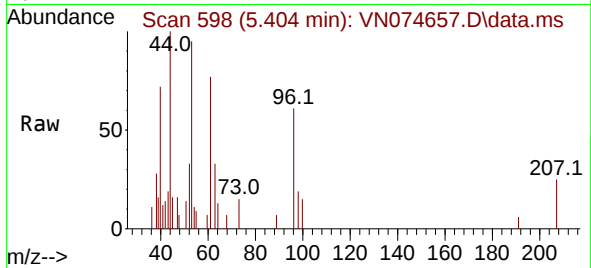




#21
trans-1,2-Dichloroethene
Concen: 0.222 ug/l
RT: 5.404 min Scan# 598
Delta R.T. 0.006 min
Lab File: VN074657.D
Acq: 29 Sep 2022 16:08

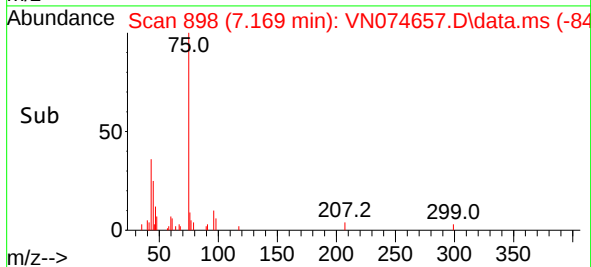
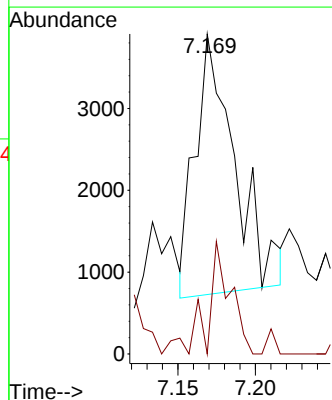
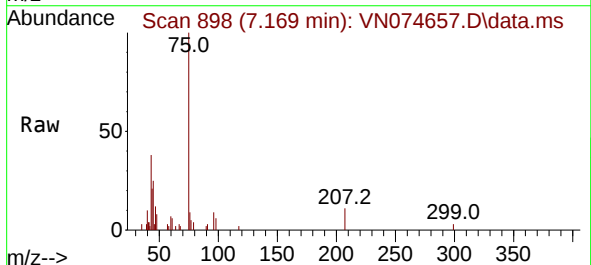
Instrument :
MSVOA_N
ClientSampleId :
IBLK

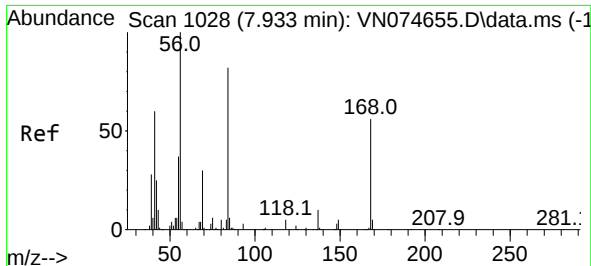
Tgt Ion: 96 Resp: 2742
Ion Ratio Lower Upper
96 100
61 97.5 105.8 158.8#
98 12.9 50.3 75.5#



#25
2-Butanone
Concen: 0.406 ug/l
RT: 7.169 min Scan# 898
Delta R.T. 0.006 min
Lab File: VN074657.D
Acq: 29 Sep 2022 16:08

Tgt Ion: 43 Resp: 5666
Ion Ratio Lower Upper
43 100
72 0.0 23.7 35.5#

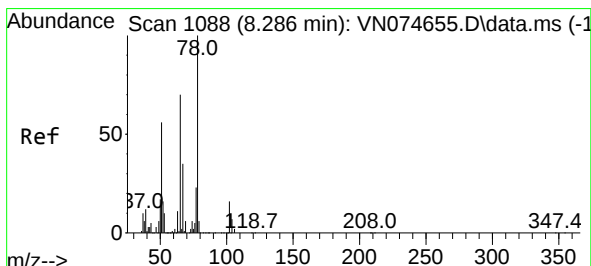
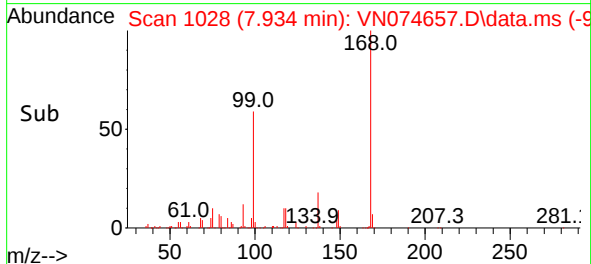
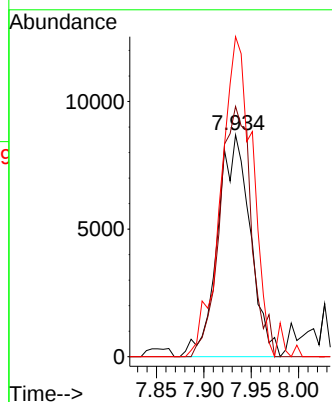
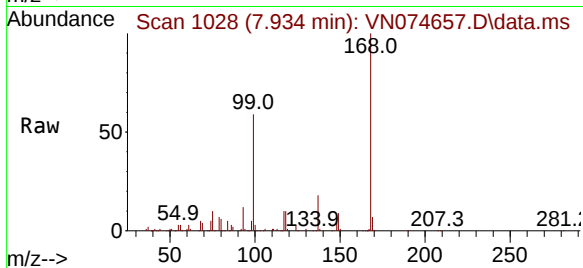




#31
Cyclohexane
Concen: 0.843 ug/l
RT: 7.934 min Scan# 1028
Delta R.T. 0.000 min
Lab File: VN074657.D
Acq: 29 Sep 2022 16:08

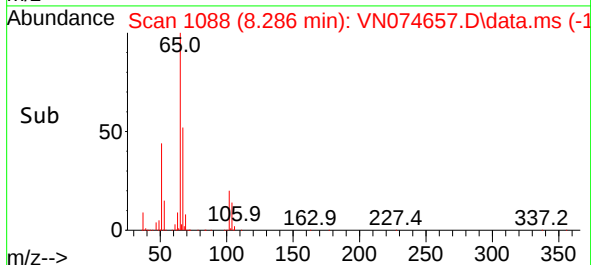
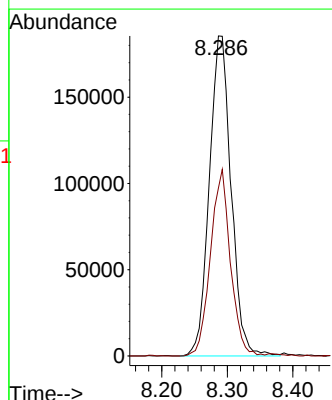
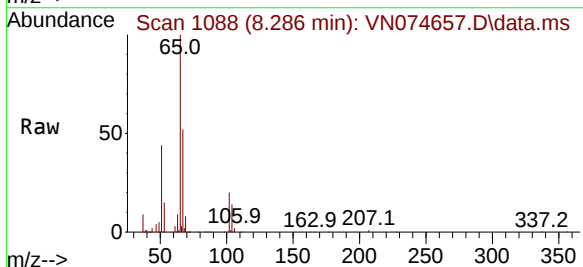
Instrument :
MSVOA_N
ClientSampleId :
IBLK

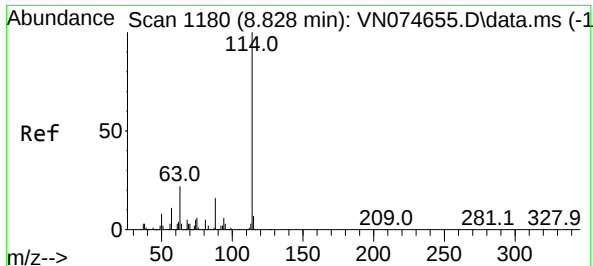
Tgt Ion: 56 Resp: 20771
Ion Ratio Lower Upper
56 100
69 112.8 27.8 41.8#
84 144.3 76.9 115.3#



#33
1,2-Dichloroethane-d4
Concen: 28.242 ug/l
RT: 8.286 min Scan# 1088
Delta R.T. 0.000 min
Lab File: VN074657.D
Acq: 29 Sep 2022 16:08

Tgt Ion: 65 Resp: 428070
Ion Ratio Lower Upper
65 100
67 53.3 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.828 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VN074657.D

Acq: 29 Sep 2022 16:08

Instrument :

MSVOA_N

ClientSampleId :

IBLK

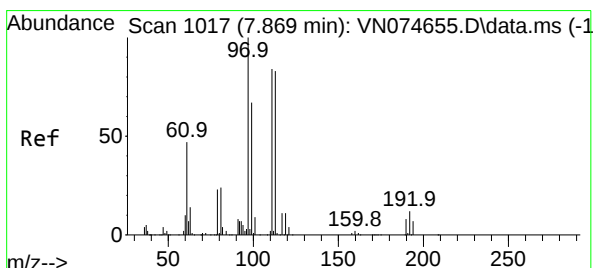
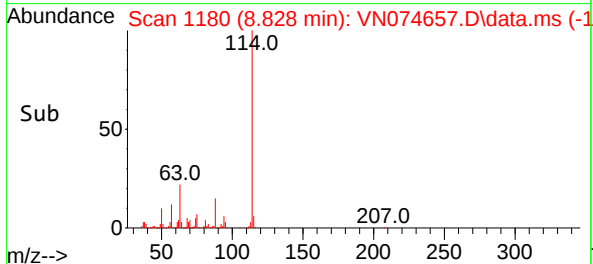
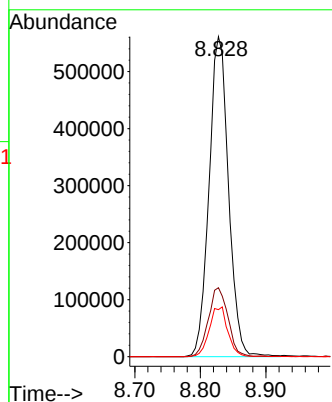
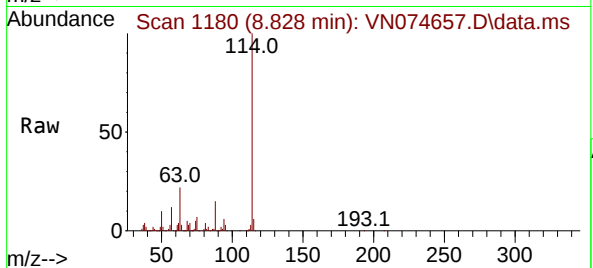
Tgt Ion:114 Resp: 1158602

Ion Ratio Lower Upper

114 100

63 21.5 0.0 40.0

88 14.7 0.0 32.6



#35

Dibromofluoromethane

Concen: 30.413 ug/l

RT: 7.869 min Scan# 1017

Delta R.T. 0.000 min

Lab File: VN074657.D

Acq: 29 Sep 2022 16:08

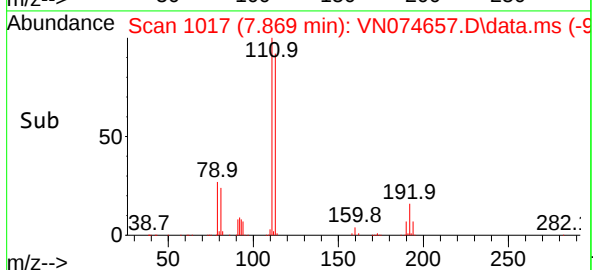
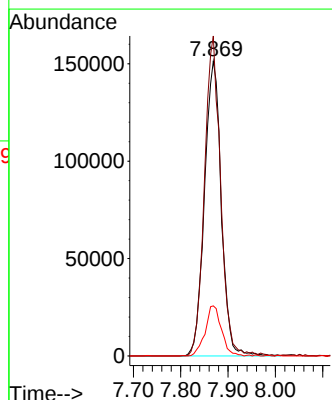
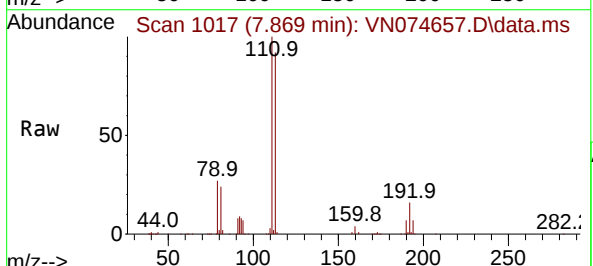
Tgt Ion:113 Resp: 372961

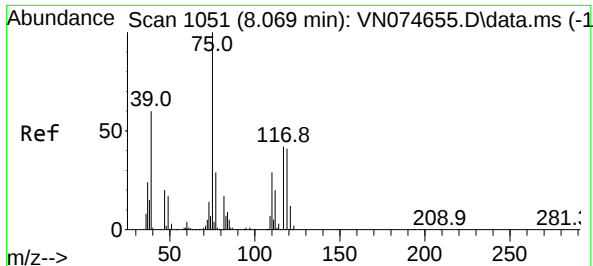
Ion Ratio Lower Upper

113 100

111 104.0 81.4 122.0

192 16.4 17.0 25.6#





#36

1,1-Dichloropropene

Concen: 0.210 ug/l

RT: 8.063 min Scan# 1051

Delta R.T. -0.006 min

Lab File: VN074657.D

Acq: 29 Sep 2022 16:08

Instrument :

MSVOA_N

ClientSampleId :

IBLK

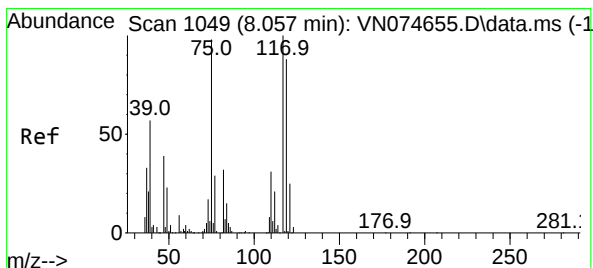
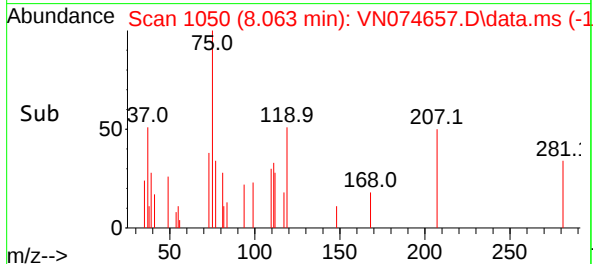
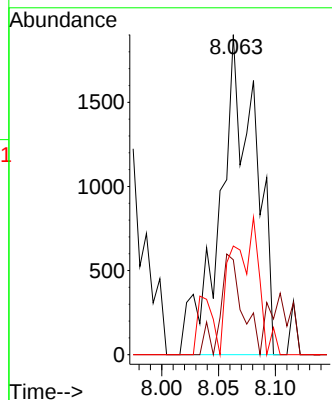
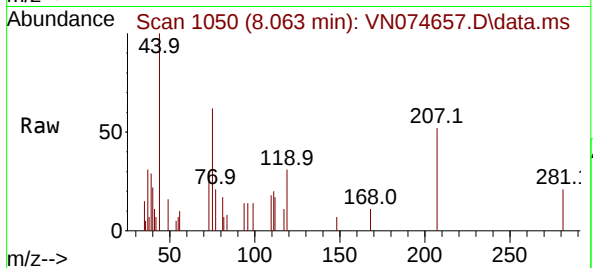
Tgt Ion: 75 Resp: 4127

Ion Ratio Lower Upper

75 100

110 19.5 18.3 54.8

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 3.568 ug/l

RT: 7.928 min Scan# 1027

Delta R.T. -0.123 min

Lab File: VN074657.D

Acq: 29 Sep 2022 16:08

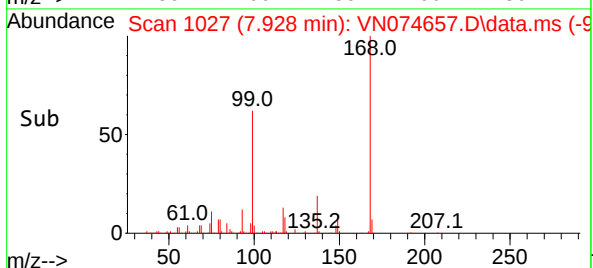
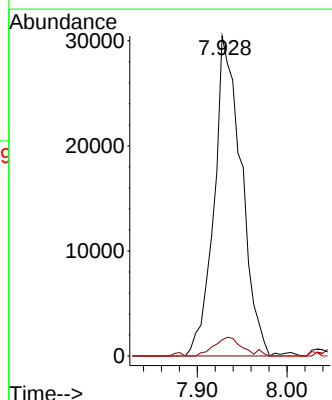
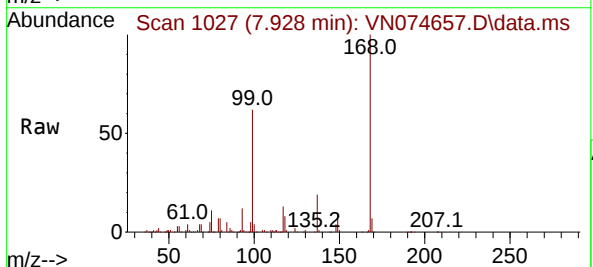
Tgt Ion: 117 Resp: 64206

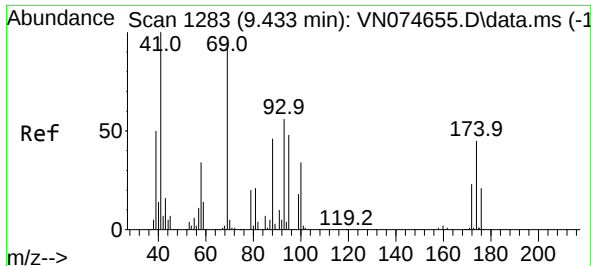
Ion Ratio Lower Upper

117 100

119 5.0 75.8 113.8#

121 0.0 24.6 37.0#





#49

1,4-Dioxane

Concen: 2.248 ug/l

RT: 9.439 min Scan# 1283

Delta R.T. 0.006 min

Lab File: VN074657.D

Acq: 29 Sep 2022 16:08

Instrument :

MSVOA_N

ClientSampleId :

IBLK

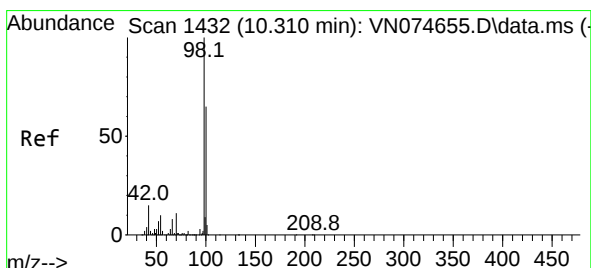
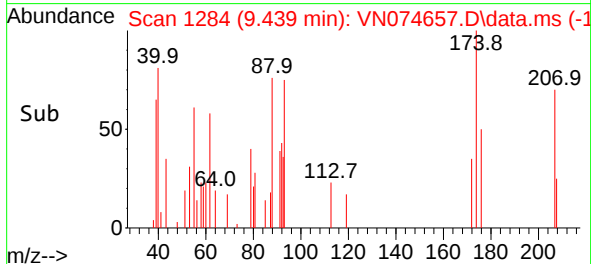
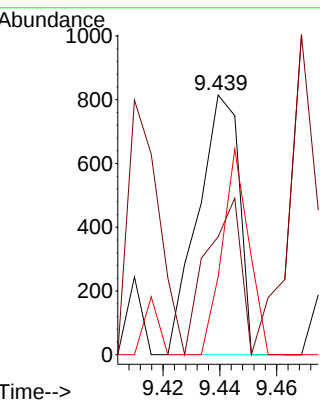
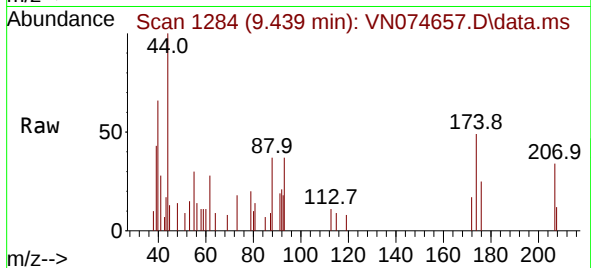
Tgt Ion: 88 Resp: 821

Ion Ratio Lower Upper

88 100

43 50.1 20.2 30.4#

58 51.3 54.2 81.4#



#50

Toluene-d8

Concen: 26.936 ug/l

RT: 10.310 min Scan# 1432

Delta R.T. 0.000 min

Lab File: VN074657.D

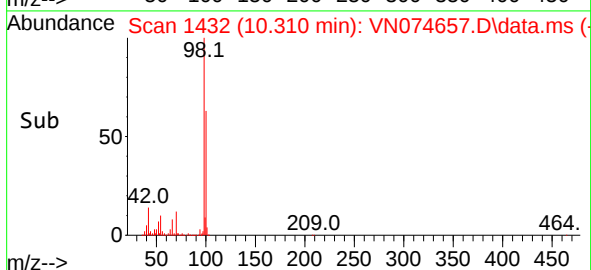
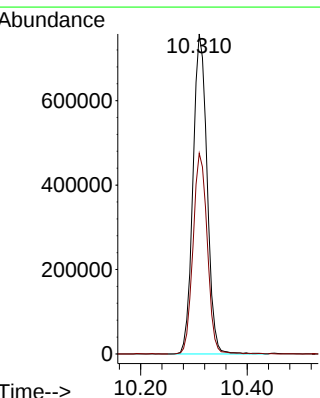
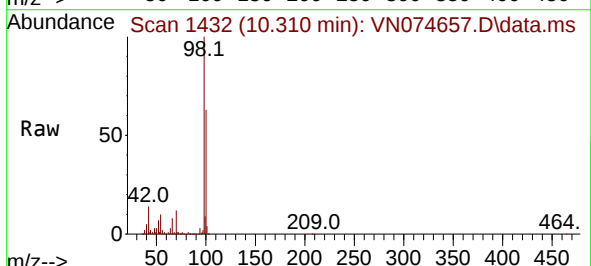
Acq: 29 Sep 2022 16:08

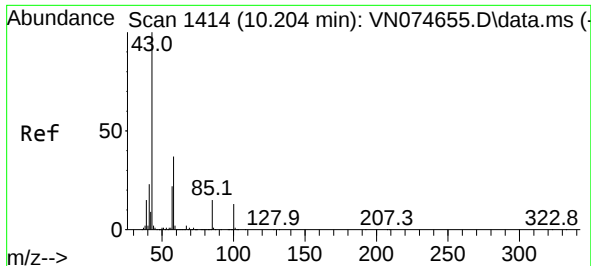
Tgt Ion: 98 Resp: 1389447

Ion Ratio Lower Upper

98 100

100 63.3 52.6 78.8

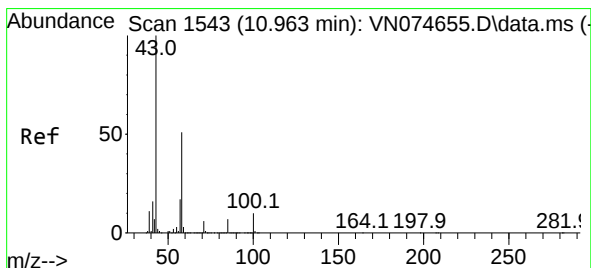
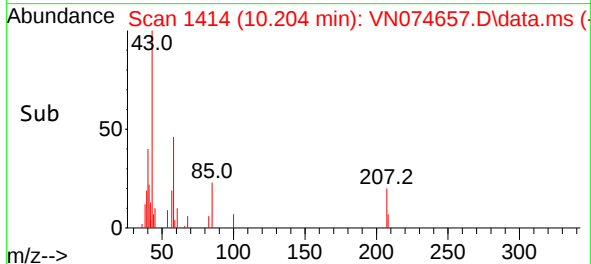
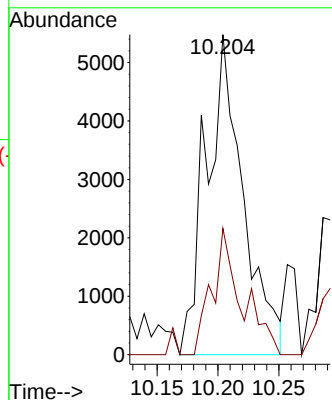
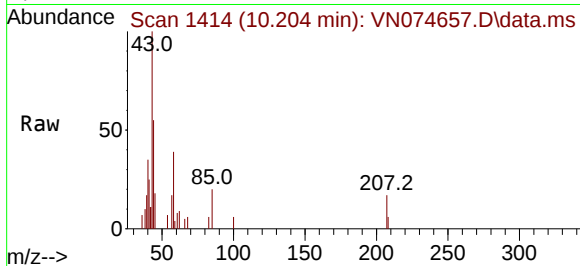




#51
4-Methyl-2-Pentanone
Concen: 0.394 ug/l
RT: 10.204 min Scan# 1414
Delta R.T. 0.000 min
Lab File: VN074657.D
Acq: 29 Sep 2022 16:08

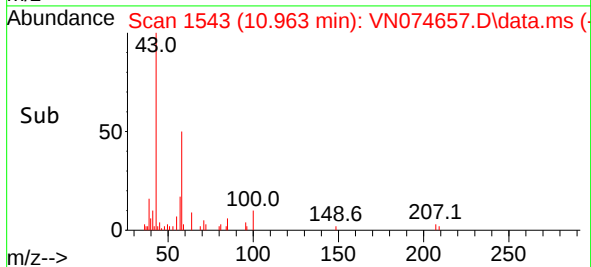
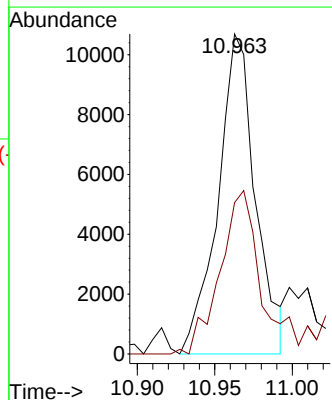
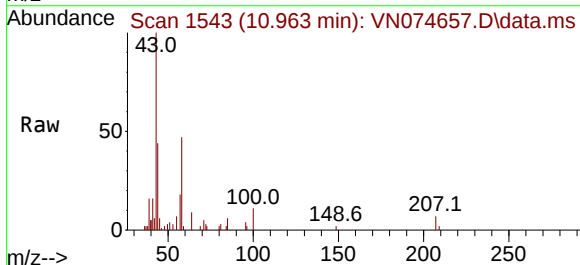
Instrument :
MSVOA_N
ClientSampleId :
IBLK

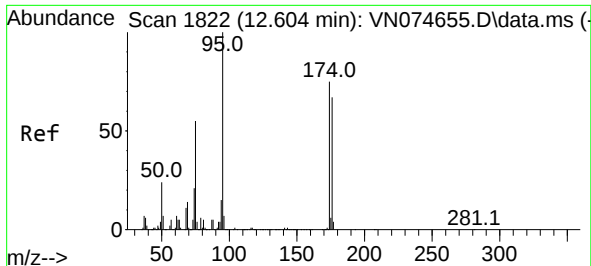
Tgt Ion: 43 Resp: 11585
Ion Ratio Lower Upper
43 100
58 24.2 34.1 51.1#



#59
2-Hexanone
Concen: 0.807 ug/l
RT: 10.963 min Scan# 1543
Delta R.T. 0.000 min
Lab File: VN074657.D
Acq: 29 Sep 2022 16:08

Tgt Ion: 43 Resp: 17938
Ion Ratio Lower Upper
43 100
58 55.0 29.7 89.1

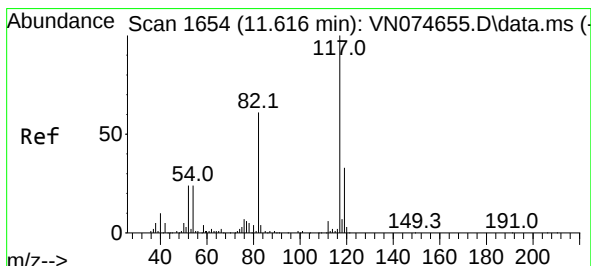
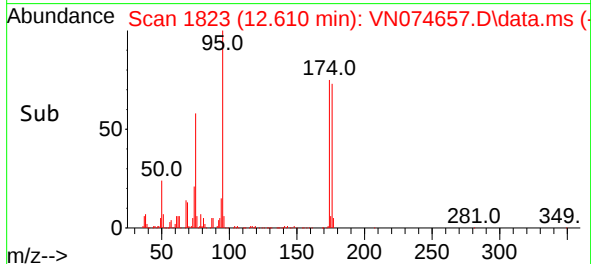
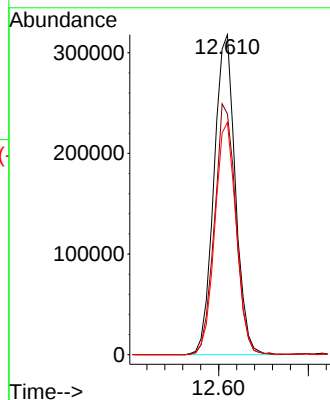
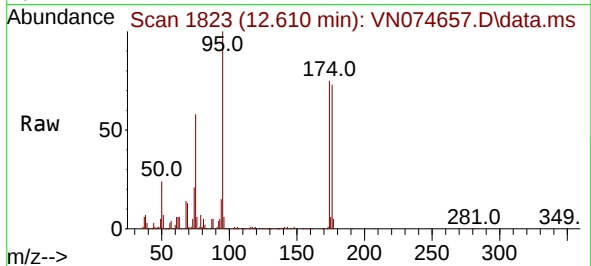




#62
4-Bromofluorobenzene
Concen: 32.129 ug/l
RT: 12.610 min Scan# 1823
Delta R.T. 0.006 min
Lab File: VN074657.D
Acq: 29 Sep 2022 16:08

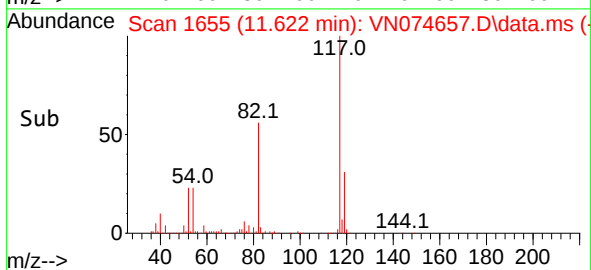
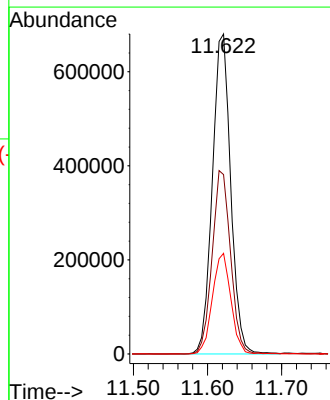
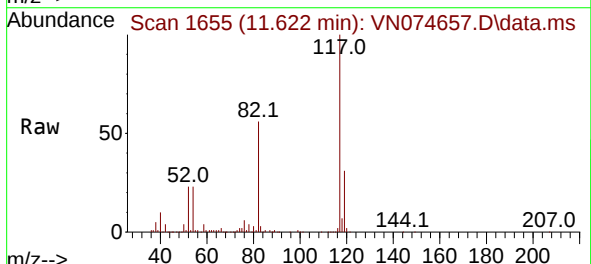
Instrument :
MSVOA_N
ClientSampleId :
IBLK

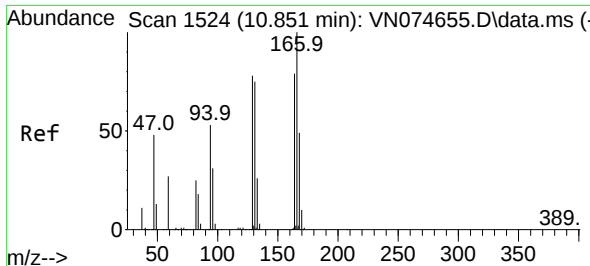
Tgt Ion: 95 Resp: 525517
Ion Ratio Lower Upper
95 100
174 77.9 0.0 167.6
176 72.9 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.622 min Scan# 1655
Delta R.T. 0.006 min
Lab File: VN074657.D
Acq: 29 Sep 2022 16:08

Tgt Ion: 117 Resp: 1169424
Ion Ratio Lower Upper
117 100
82 56.0 44.2 66.2
119 31.4 25.4 38.0

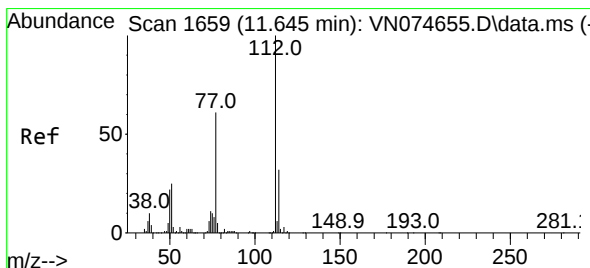
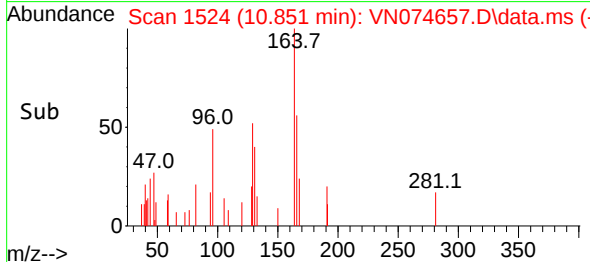
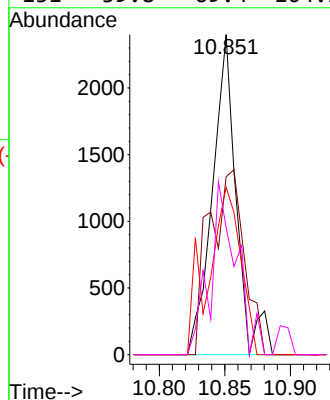
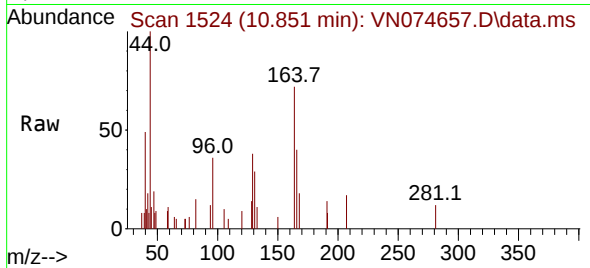




#64
Tetrachloroethene
Concen: 0.309 ug/l
RT: 10.851 min Scan# 1524
Delta R.T. 0.006 min
Lab File: VN074657.D
Acq: 29 Sep 2022 16:08

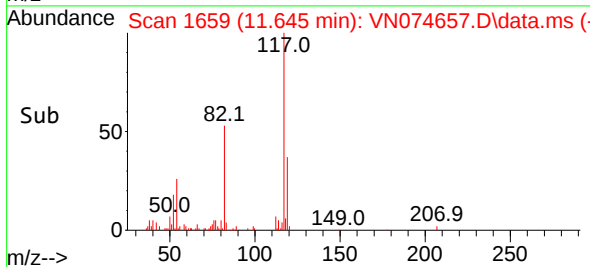
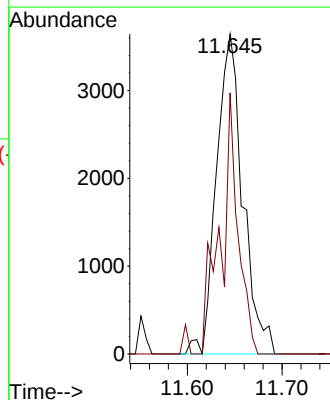
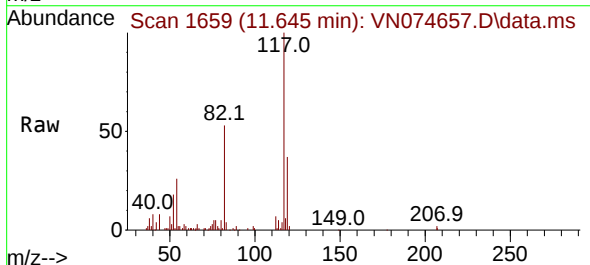
Instrument :
MSVOA_N
ClientSampleId :
IBLK

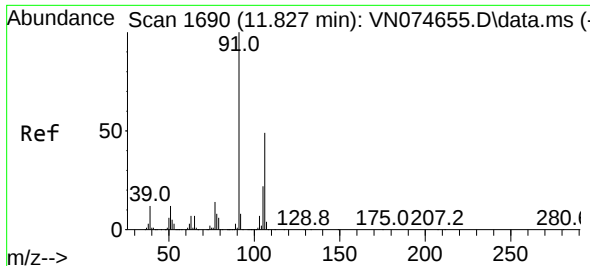
Tgt Ion:164 Resp: 3055
Ion Ratio Lower Upper
164 100
166 55.6 104.2 156.2#
129 52.3 73.9 110.9#
131 39.8 69.4 104.2#



#65
Chlorobenzene
Concen: 0.201 ug/l
RT: 11.645 min Scan# 1659
Delta R.T. 0.000 min
Lab File: VN074657.D
Acq: 29 Sep 2022 16:08

Tgt Ion:112 Resp: 7045
Ion Ratio Lower Upper
112 100
114 81.6 25.4 38.2#

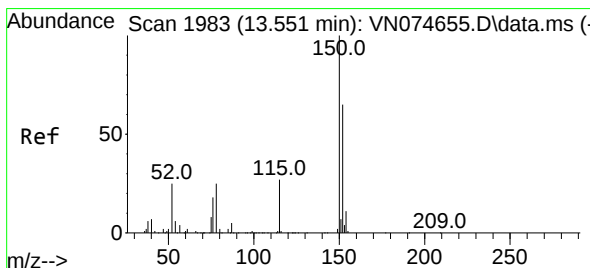
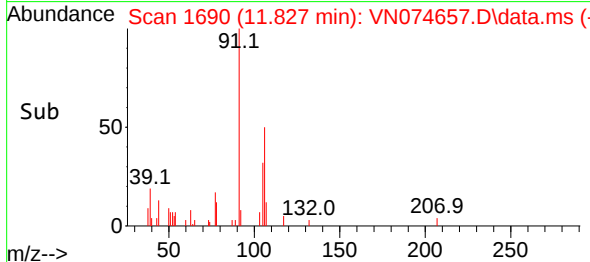
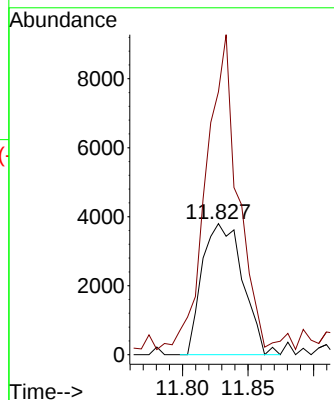
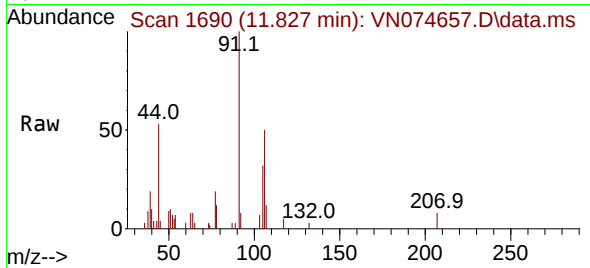




#68
m/p-Xylenes
Concen: 0.329 ug/l
RT: 11.827 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN074657.D
Acq: 29 Sep 2022 16:08

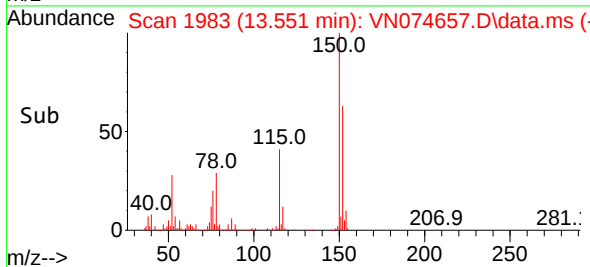
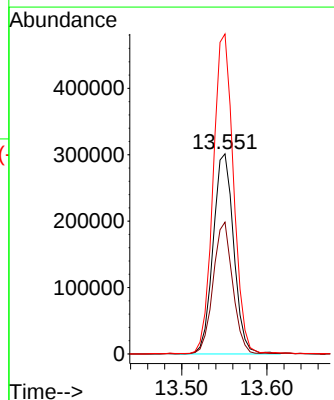
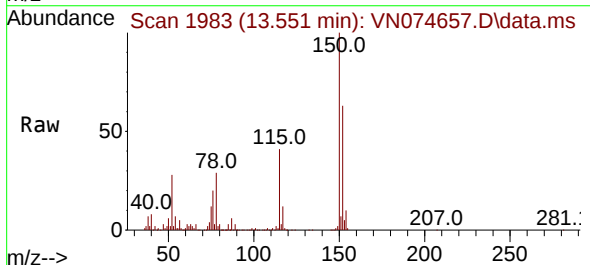
Instrument :
MSVOA_N
ClientSampleId :
IBLK

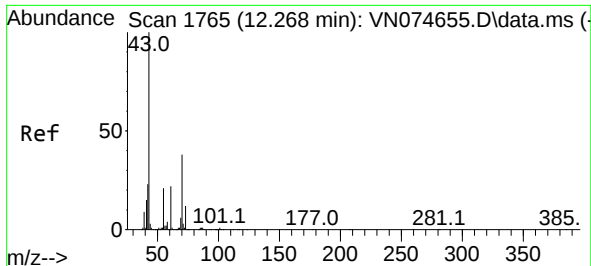
Tgt Ion:106 Resp: 8164
Ion Ratio Lower Upper
106 100
91 197.3 158.9 238.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.551 min Scan# 1983
Delta R.T. 0.000 min
Lab File: VN074657.D
Acq: 29 Sep 2022 16:08

Tgt Ion:152 Resp: 505766
Ion Ratio Lower Upper
152 100
115 62.5 28.9 86.7
150 159.0 0.0 356.2

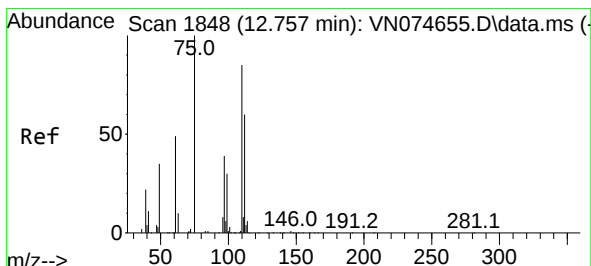
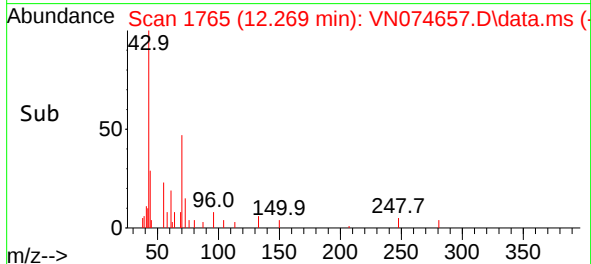
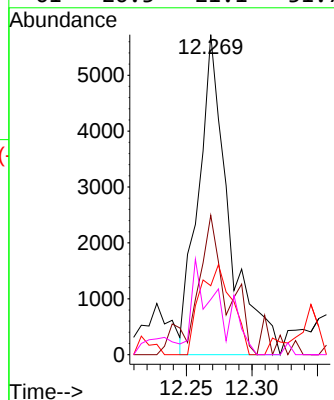
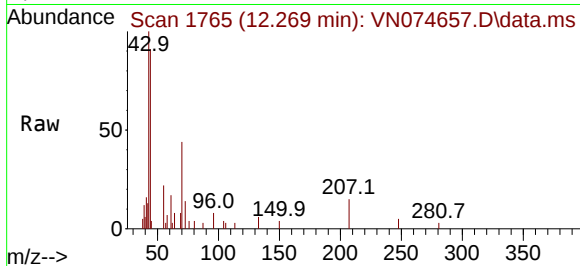




#74
N-amy1 acetate
Concen: 0.320 ug/l
RT: 12.269 min Scan# 1765
Delta R.T. 0.000 min
Lab File: VN074657.D
Acq: 29 Sep 2022 16:08

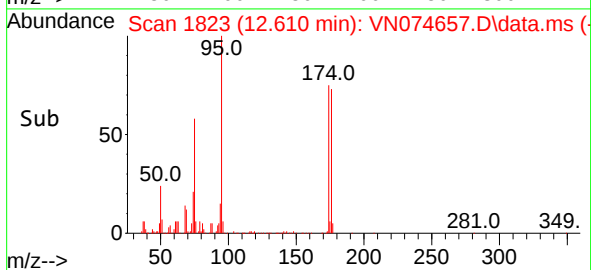
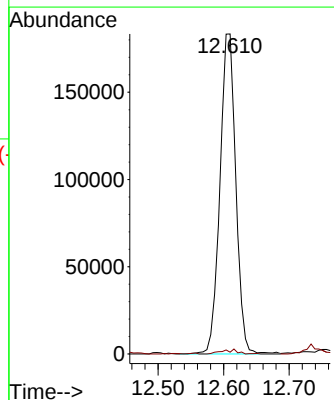
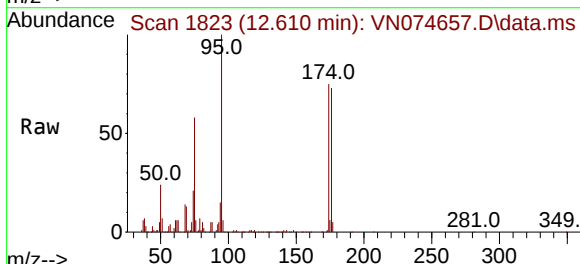
Instrument :
MSVOA_N
ClientSampleId :
IBLK

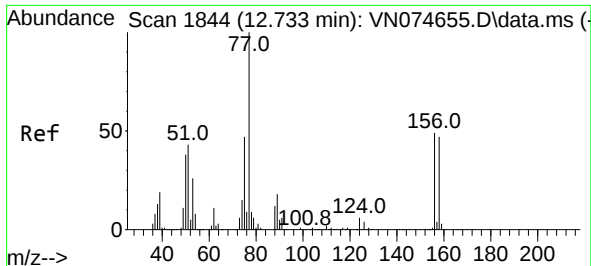
Tgt Ion:	43	Resp:	9282
Ion	Ratio	Lower	Upper
43	100		
70	43.1	39.0	58.4
55	29.2	21.1	31.7
61	26.3	21.1	31.7



#76
1,2,3-Trichloropropane
Concen: 23.423 ug/l
RT: 12.610 min Scan# 1823
Delta R.T. -0.147 min
Lab File: VN074657.D
Acq: 29 Sep 2022 16:08

Tgt Ion:	75	Resp:	307788
Ion	Ratio	Lower	Upper
75	100		
77	0.8	98.5	295.5#

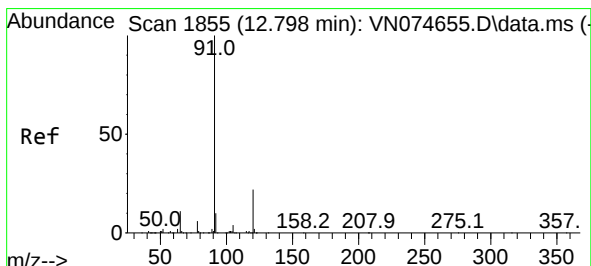
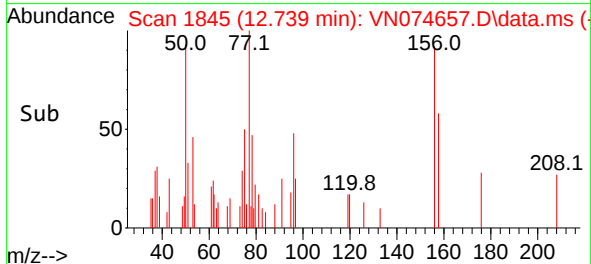
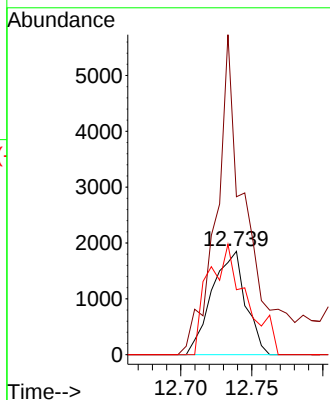
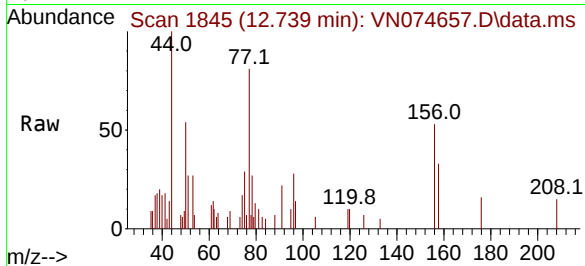




#77
Bromobenzene
Concen: Below Cal
RT: 12.739 min Scan# 1844
Delta R.T. 0.006 min
Lab File: VN074657.D
Acq: 29 Sep 2022 16:08

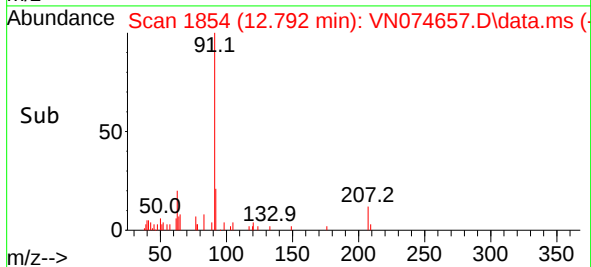
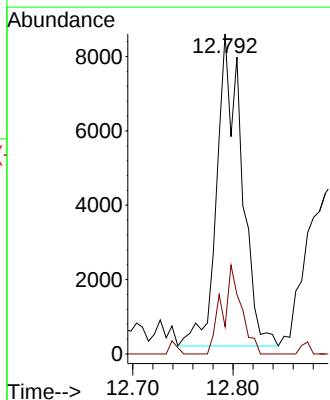
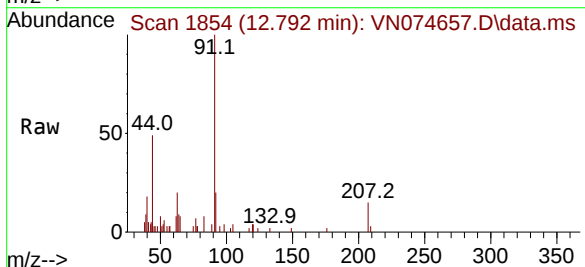
Instrument :
MSVOA_N
ClientSampleId :
IBLK

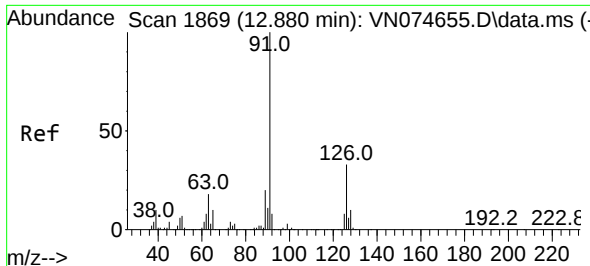
Tgt Ion:156 Resp: 3058
Ion Ratio Lower Upper
156 100
77 290.7 100.5 301.5
158 120.4 48.9 146.6



#78
n-propylbenzene
Concen: 0.265 ug/l
RT: 12.792 min Scan# 1854
Delta R.T. -0.006 min
Lab File: VN074657.D
Acq: 29 Sep 2022 16:08

Tgt Ion: 91 Resp: 14489
Ion Ratio Lower Upper
91 100
120 21.6 11.9 35.5

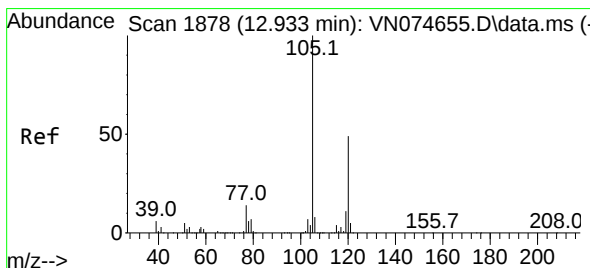
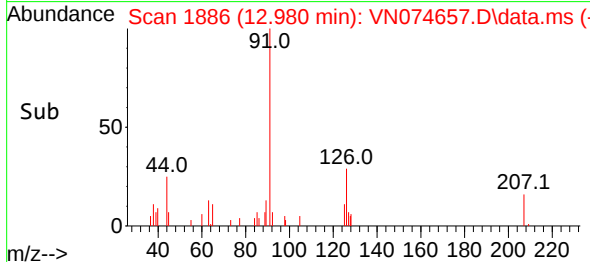
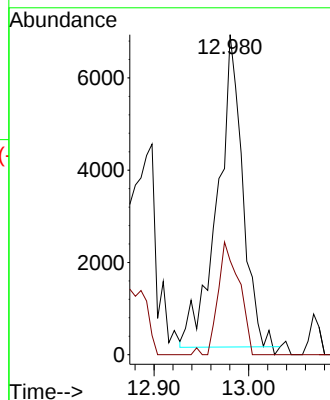
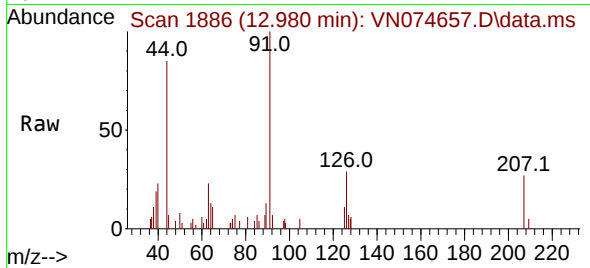




#79
2-Chlorotoluene
Concen: 0.378 ug/l
RT: 12.980 min Scan# 1886
Delta R.T. 0.100 min
Lab File: VN074657.D
Acq: 29 Sep 2022 16:08

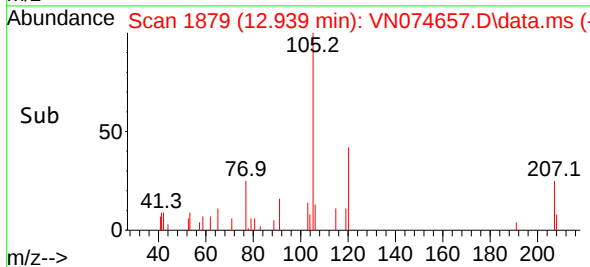
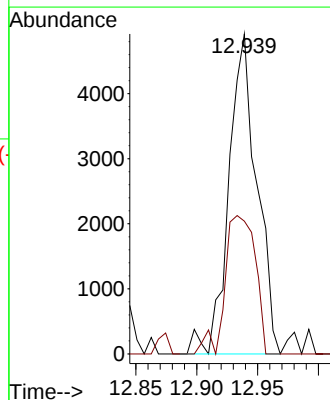
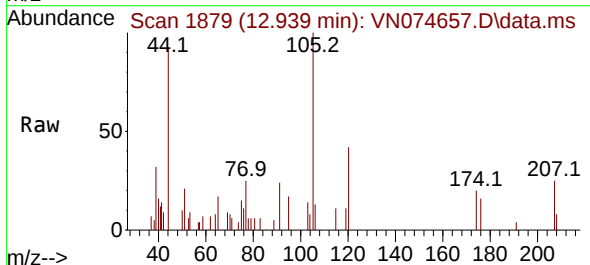
Instrument :
MSVOA_N
ClientSampleId :
IBLK

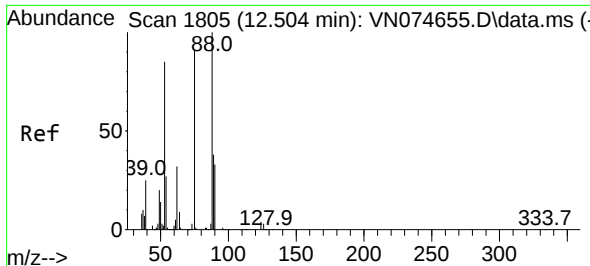
Tgt Ion: 91 Resp: 12421
Ion Ratio Lower Upper
91 100
126 30.5 17.3 51.9



#80
1,3,5-Trimethylbenzene
Concen: 0.209 ug/l
RT: 12.939 min Scan# 1879
Delta R.T. 0.006 min
Lab File: VN074657.D
Acq: 29 Sep 2022 16:08

Tgt Ion: 105 Resp: 7887
Ion Ratio Lower Upper
105 100
120 46.7 24.9 74.7

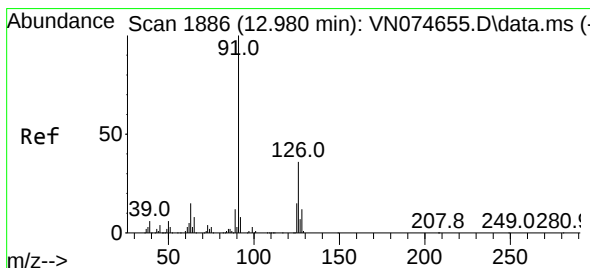
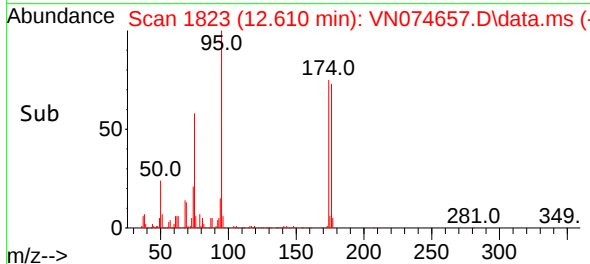
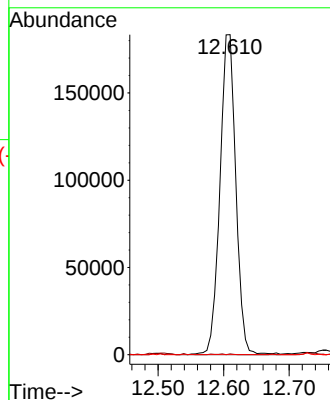
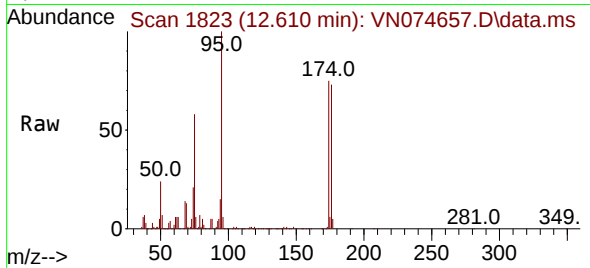




#81
trans-1,4-Dichloro-2-butene
Concen: 50.855 ug/l
RT: 12.610 min Scan# 1823
Delta R.T. 0.106 min
Lab File: VN074657.D
Acq: 29 Sep 2022 16:08

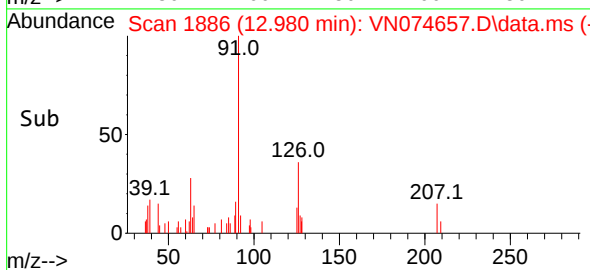
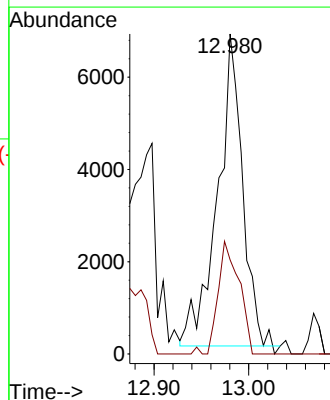
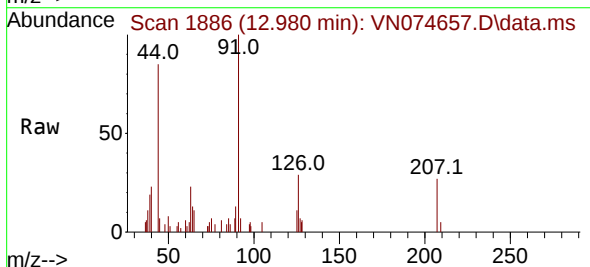
Instrument :
MSVOA_N
ClientSampleId :
IBLK

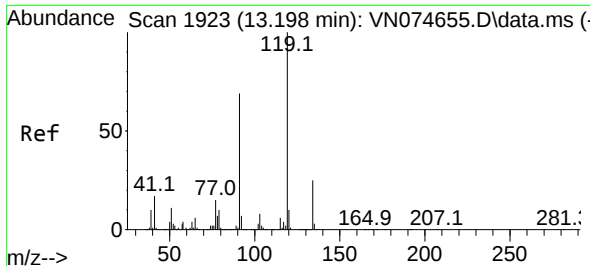
Tgt Ion: 75 Resp: 307788
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#



#82
4-Chlorotoluene
Concen: 0.405 ug/l
RT: 12.980 min Scan# 1886
Delta R.T. 0.000 min
Lab File: VN074657.D
Acq: 29 Sep 2022 16:08

Tgt Ion: 91 Resp: 12370
Ion Ratio Lower Upper
91 100
126 30.7 17.2 51.6

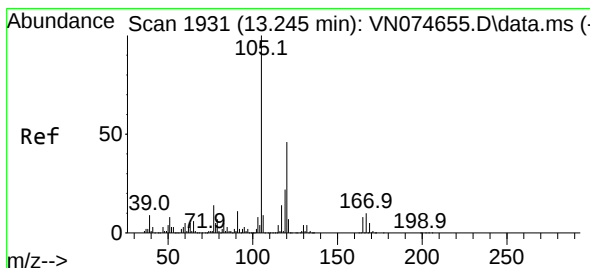
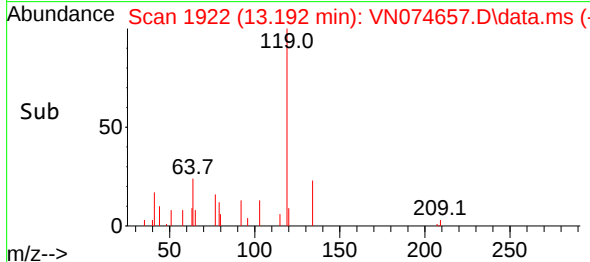
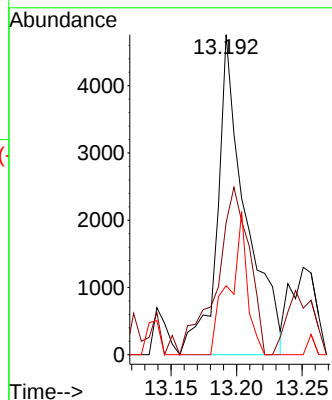
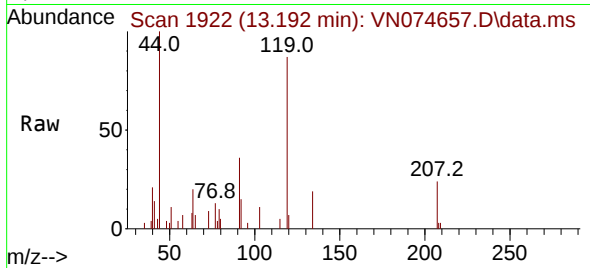




#83
tert-Butylbenzene
Concen: 0.211 ug/l
RT: 13.192 min Scan# 1922
Delta R.T. -0.006 min
Lab File: VN074657.D
Acq: 29 Sep 2022 16:08

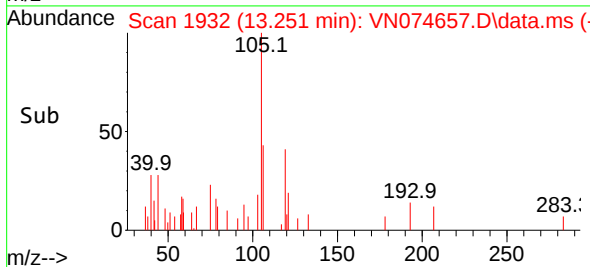
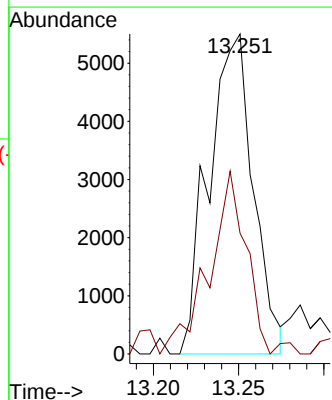
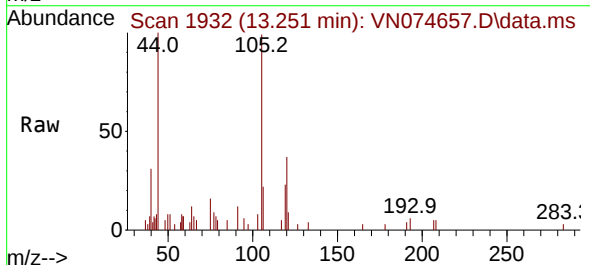
Instrument :
MSVOA_N
ClientSampleId :
IBLK

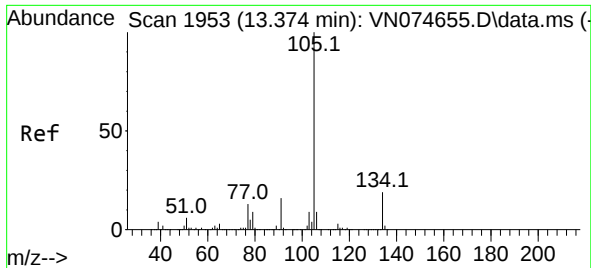
Tgt Ion:119 Resp: 7109
Ion Ratio Lower Upper
119 100
91 60.6 31.6 94.8
134 28.8 13.7 41.1



#84
1,2,4-Trimethylbenzene
Concen: 0.265 ug/l
RT: 13.251 min Scan# 1932
Delta R.T. 0.006 min
Lab File: VN074657.D
Acq: 29 Sep 2022 16:08

Tgt Ion:105 Resp: 10017
Ion Ratio Lower Upper
105 100
120 48.2 23.3 69.8

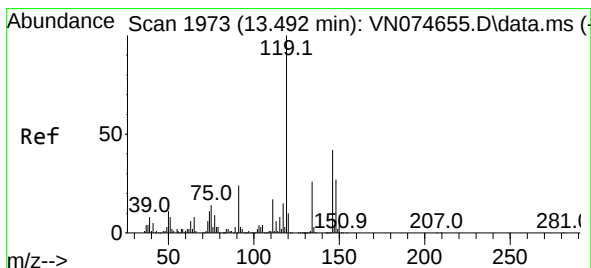
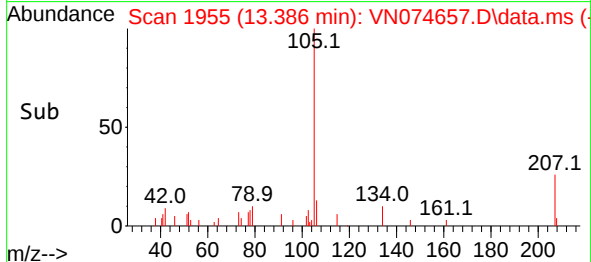
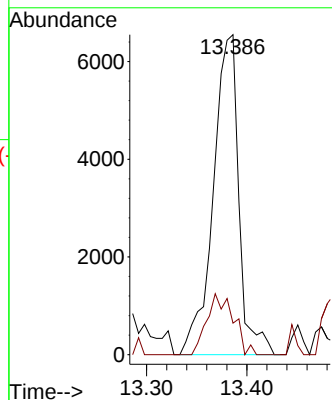
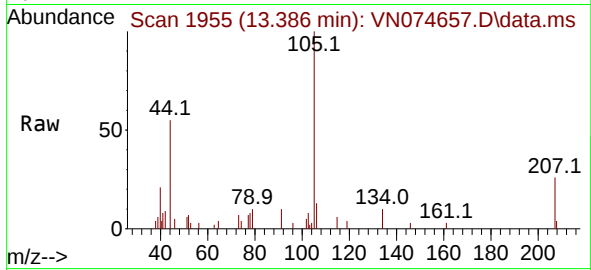




#85
 sec-Butylbenzene
 Concen: 0.246 ug/l
 RT: 13.386 min Scan# 1955
 Delta R.T. 0.012 min
 Lab File: VN074657.D
 Acq: 29 Sep 2022 16:08

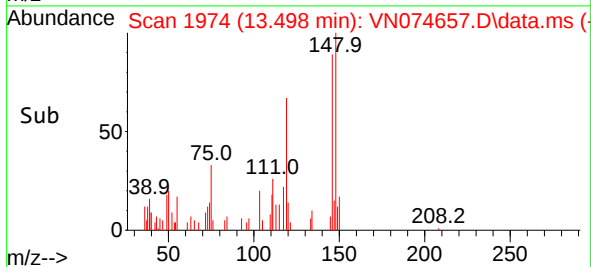
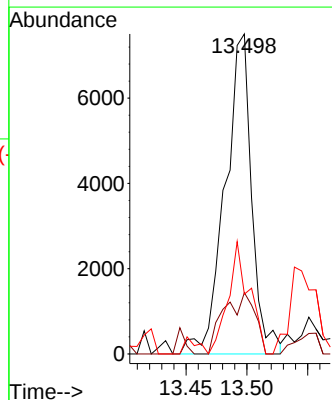
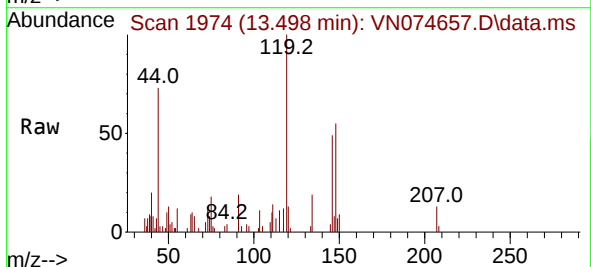
Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

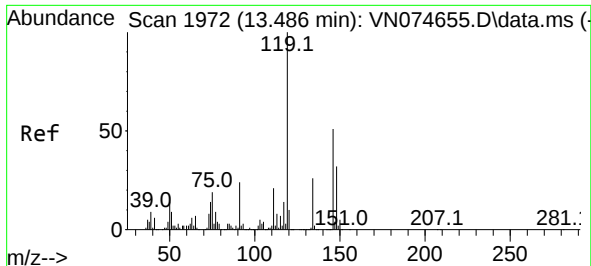
Tgt Ion:105 Resp: 11655
 Ion Ratio Lower Upper
 105 100
 134 19.7 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 0.304 ug/l
 RT: 13.498 min Scan# 1974
 Delta R.T. 0.006 min
 Lab File: VN074657.D
 Acq: 29 Sep 2022 16:08

Tgt Ion:119 Resp: 11443
 Ion Ratio Lower Upper
 119 100
 134 22.4 13.3 39.8
 91 27.8 11.3 33.9

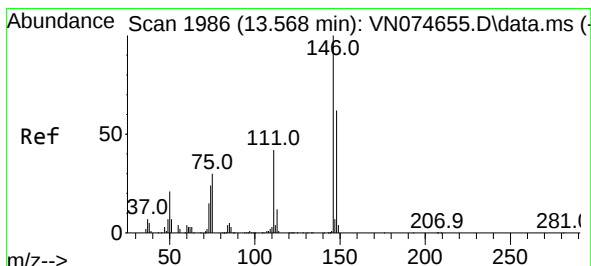
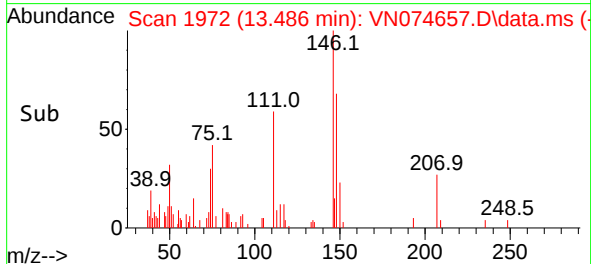
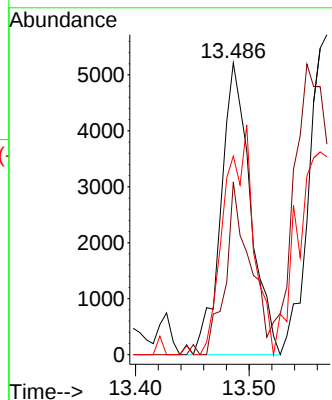
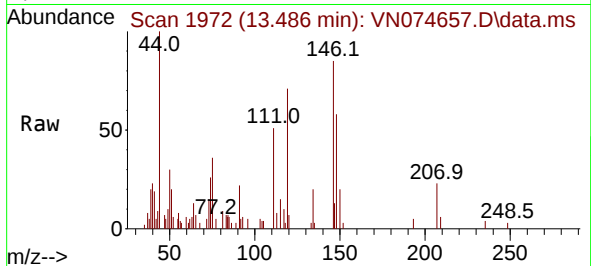




#87
1,3-Dichlorobenzene
Concen: 0.514 ug/l
RT: 13.486 min Scan# 1972
Delta R.T. -0.006 min
Lab File: VN074657.D
Acq: 29 Sep 2022 16:08

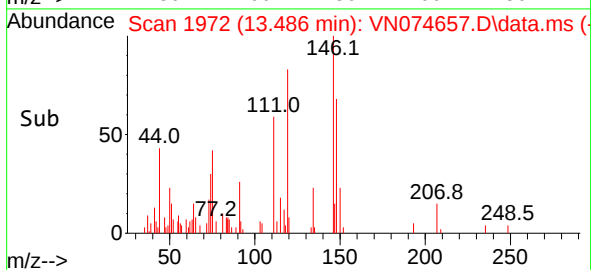
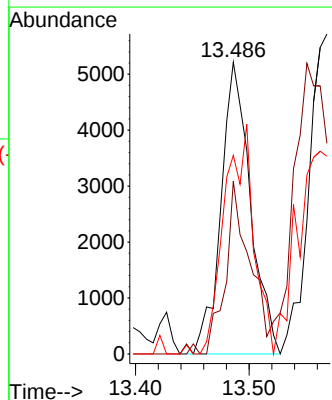
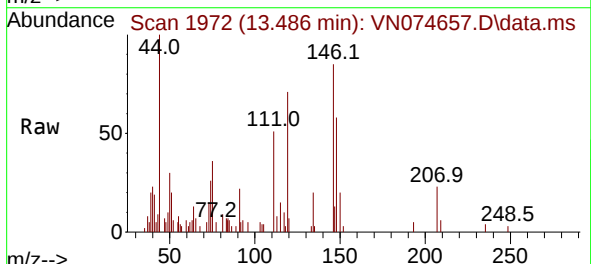
Instrument :
MSVOA_N
ClientSampleId :
IBLK

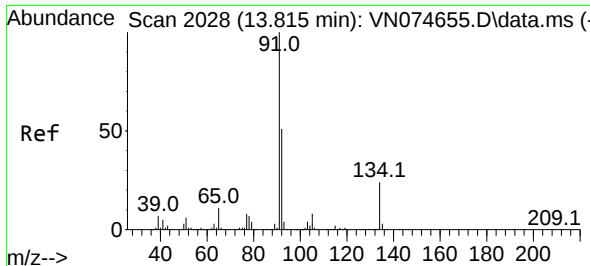
Tgt Ion:146 Resp: 9458
Ion Ratio Lower Upper
146 100
111 48.8 20.0 60.0
148 77.7 32.0 96.0



#88
1,4-Dichlorobenzene
Concen: 0.502 ug/l
RT: 13.486 min Scan# 1972
Delta R.T. -0.082 min
Lab File: VN074657.D
Acq: 29 Sep 2022 16:08

Tgt Ion:146 Resp: 9458
Ion Ratio Lower Upper
146 100
111 48.8 19.1 57.1
148 77.7 31.4 94.3

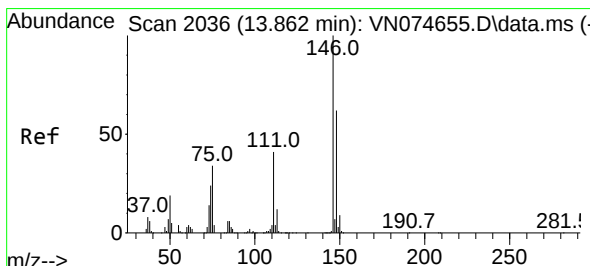
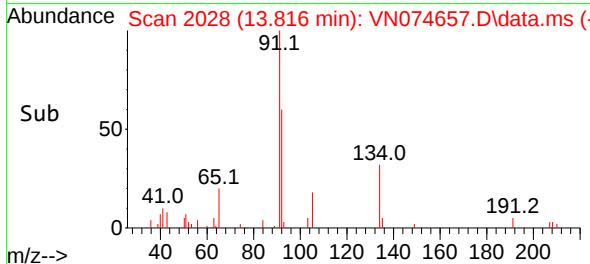
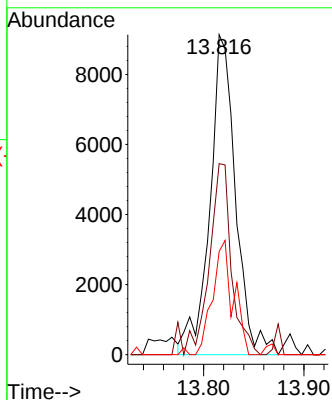
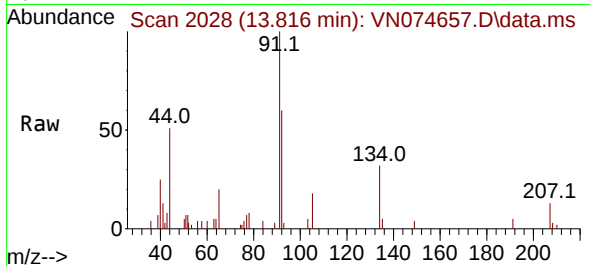




#89
n-Butylbenzene
Concen: 0.491 ug/l
RT: 13.816 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VN074657.D
Acq: 29 Sep 2022 16:08

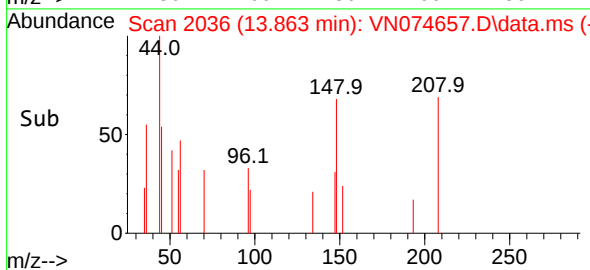
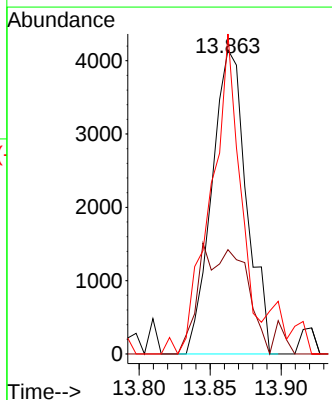
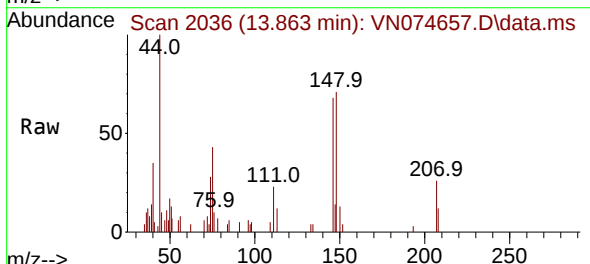
Instrument :
MSVOA_N
ClientSampleId :
IBLK

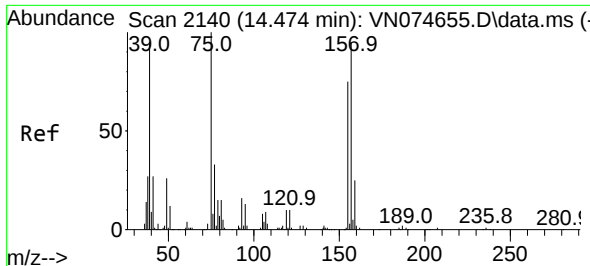
Tgt Ion: 91 Resp: 16287
Ion Ratio Lower Upper
91 100
92 51.3 26.9 80.7
134 28.7 13.6 40.8



#91
1,2-Dichlorobenzene
Concen: 0.367 ug/l
RT: 13.863 min Scan# 2036
Delta R.T. 0.000 min
Lab File: VN074657.D
Acq: 29 Sep 2022 16:08

Tgt Ion: 146 Resp: 7056
Ion Ratio Lower Upper
146 100
111 48.0 20.9 62.8
148 90.2 32.1 96.3

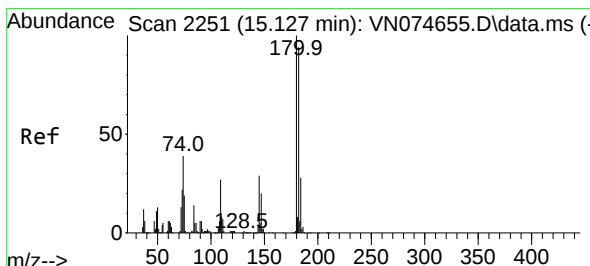
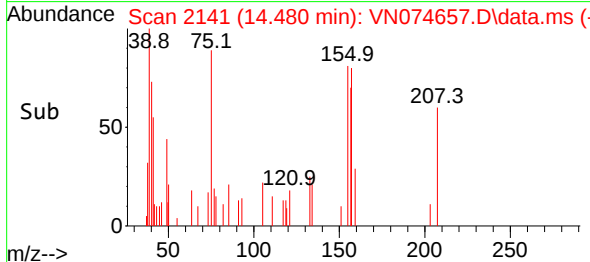
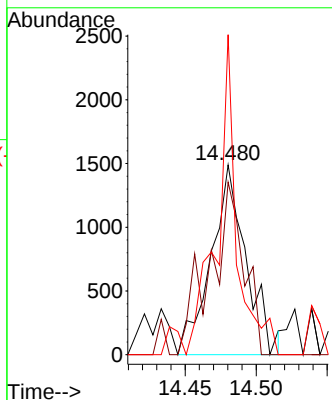
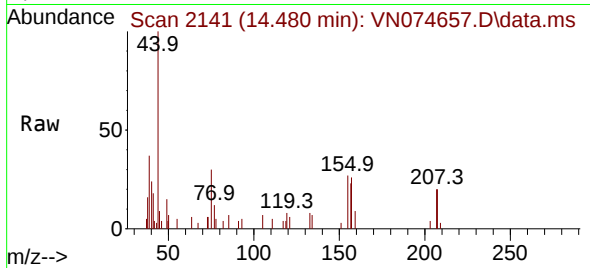




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.706 ug/l
 RT: 14.480 min Scan# 2141
 Delta R.T. 0.006 min
 Lab File: VN074657.D
 Acq: 29 Sep 2022 16:08

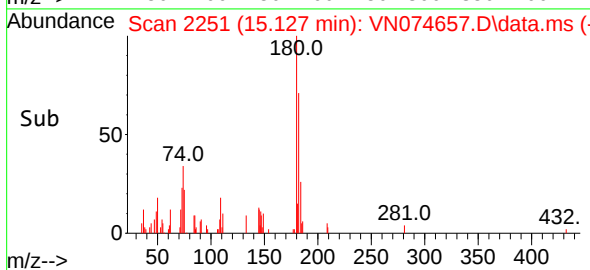
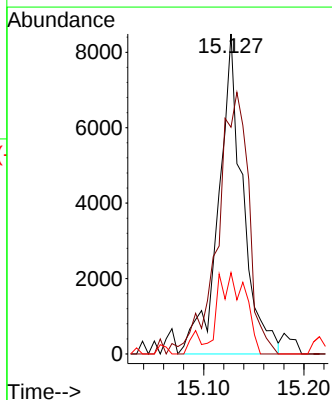
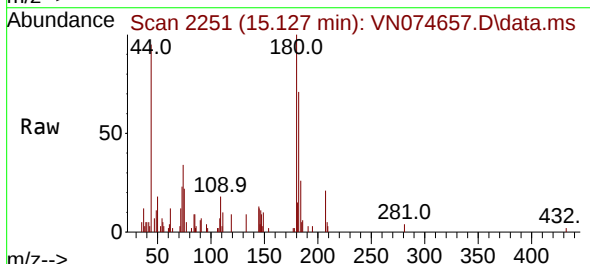
Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

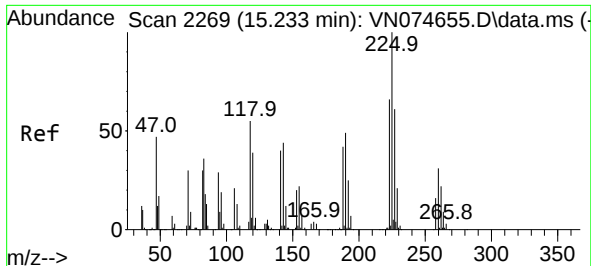
Tgt Ion: 75 Resp: 2563
 Ion Ratio Lower Upper
 75 100
 155 87.7 44.9 134.5
 157 100.8 59.0 176.8



#93
 1,2,4-Trichlorobenzene
 Concen: 1.657 ug/l
 RT: 15.127 min Scan# 2251
 Delta R.T. 0.000 min
 Lab File: VN074657.D
 Acq: 29 Sep 2022 16:08

Tgt Ion: 180 Resp: 14231
 Ion Ratio Lower Upper
 180 100
 182 105.0 47.5 142.5
 145 28.8 14.5 43.5

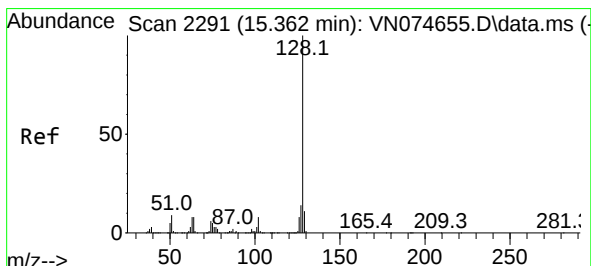
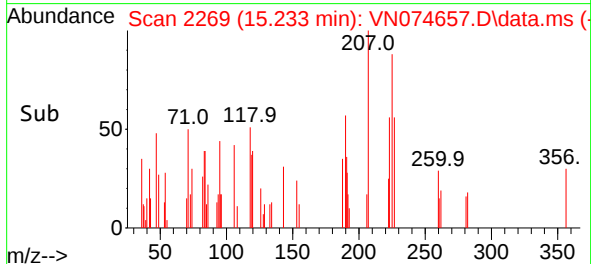
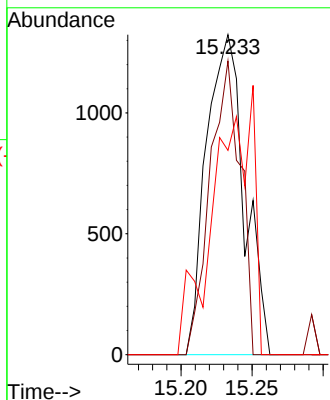
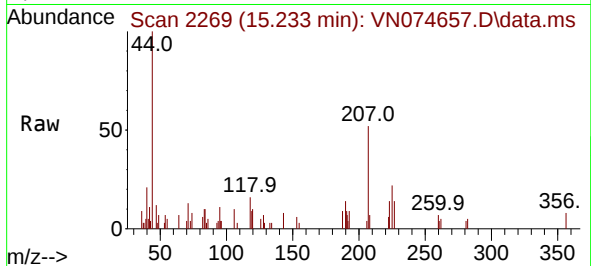




#94
Hexachlorobutadiene
Concen: Below Cal
RT: 15.233 min Scan# 211
Delta R.T. 0.000 min
Lab File: VN074657.D
Acq: 29 Sep 2022 16:08

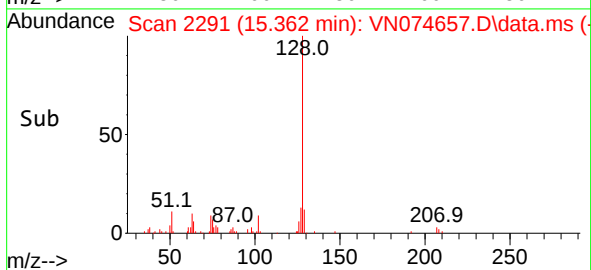
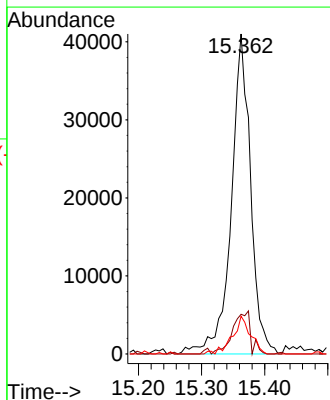
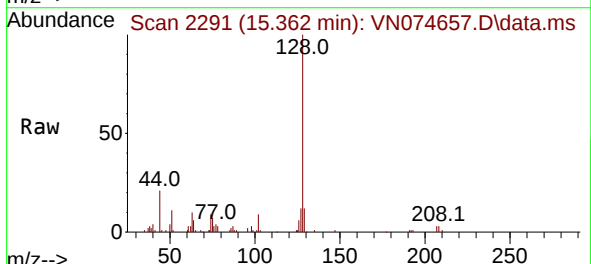
Instrument :
MSVOA_N
ClientSampleId :
IBLK

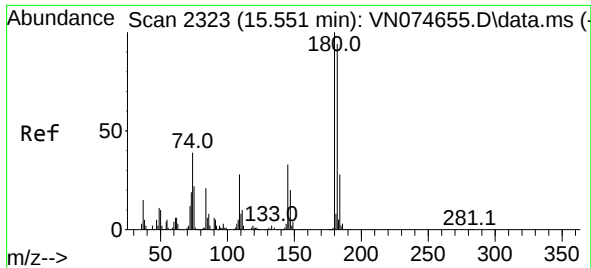
Tgt Ion:225 Resp: 2465
Ion Ratio Lower Upper
225 100
223 73.7 32.4 97.2
227 85.0 31.8 95.4



#95
Naphthalene
Concen: 2.608 ug/l
RT: 15.362 min Scan# 2291
Delta R.T. 0.000 min
Lab File: VN074657.D
Acq: 29 Sep 2022 16:08

Tgt Ion:128 Resp: 87605
Ion Ratio Lower Upper
128 100
127 12.4 10.3 15.5
129 11.0 8.6 13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 2.317 ug/l
 RT: 15.557 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN074657.D
 Acq: 29 Sep 2022 16:08

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Tgt Ion:	180	Resp:	19801
Ion	Ratio	Lower	Upper
180	100		
182	86.9	47.8	143.3
145	28.1	15.5	46.5

