

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091321\
 Data File : VN068459.D
 Acq On : 13 Sep 2021 15:45
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/14/2021
 Supervised By : Mahesh Dadoda 09/14/2021

Quant Time: Sep 14 04:26:24 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N091321W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Sep 14 04:23:31 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.662	128	104390	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.971	114	531907	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.749	117	451933	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.440	65	182525	29.607	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	98.700%		
60) 4-Bromofluorobenzene	12.736	95	171837	26.676	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	88.933%		
63) Toluene-d8	10.446	98	608468	30.949	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	103.167%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.073	85	2444	0.514	ug/l	97
3) Chloromethane	2.303	50	1140	0.248	ug/l	97
7) Trichlorofluoromethane	3.381	101	2739m	0.305	ug/l	
10) 1,1-Dichloroethene	4.183	96	1576	0.331	ug/l #	69
16) Carbon Disulfide	4.540	76	13749	1.120	ug/l #	90
18) Methylene Chloride	5.103	84	6797m	1.194	ug/l	
29) 1,1-Dichloropropene	8.228	75	2953m	0.414	ug/l	
30) 2-Butanone	7.351	43	7429m	2.730	ug/l	
37) Trichloroethene	9.223	130	3668	0.527	ug/l	83
38) Methylcyclohexane	9.464	83	3555	0.388	ug/l	95
40) Dibromomethane	9.577	93	1649	0.392	ug/l	86
47) n-amyl Acetate	12.396	43	17375	2.519	ug/l	100
50) 1,1,2-Trichloroethane	10.902	97	1662	0.274	ug/l #	81
51) Ethyl methacrylate	10.765	69	4260	0.546	ug/l	92
52) 1,3-Dichloropropane	11.047	76	2186	0.242	ug/l	77
53) Dibromochloromethane	11.242	129	1862	0.249	ug/l	61
54) 1,2-Dibromoethane	11.347	107	2059	0.316	ug/l	81
56) Bromoform	12.465	173	2734	0.456	ug/l #	74
58) 4-Methyl-2-Pentanone	10.336	43	16305	3.065	ug/l	100
59) 2-Hexanone	11.095	43	33685	9.136	ug/l	92
61) Tetrachloroethene	10.980	164	3907	0.601	ug/l	95
62) Toluene	10.505	91	8202	0.345	ug/l #	57
64) Chlorobenzene	11.776	112	9276	0.591	ug/l	98
66) Ethyl Benzene	11.848	91	13124	0.508	ug/l	98
67) m/p-Xylenes	11.956	106	12143	1.140	ug/l	97
68) o-Xylene	12.286	106	4379	0.416	ug/l	94
69) Styrene	12.296	104	11696	0.701	ug/l	96
70) Isopropylbenzene	12.583	105	14028	0.525	ug/l	88
71) 1,1,2,2-Tetrachloroethane	12.830	83	6605	0.908	ug/l	94
72) 1,2,3-Trichloropropane	12.881	75	6543m	1.081	ug/l	
73) Bromobenzene	12.865	156	7689	1.014	ug/l	98
74) n-propylbenzene	12.924	91	27305	0.948	ug/l	95
75) 2-Chlorotoluene	13.012	91	13251	0.764	ug/l	96
76) 1,3,5-Trimethylbenzene	13.063	105	15099	0.677	ug/l	95
78) 4-Chlorotoluene	13.109	91	21800m	1.310	ug/l	
79) tert-butylbenzene	13.326	119	11041	0.539	ug/l	97
80) 1,2,4-Trimethylbenzene	13.372	105	19329	0.896	ug/l #	61
81) sec-Butylbenzene	13.506	105	22048	0.814	ug/l	96
82) p-Isopropyltoluene	13.621	119	24204	1.042	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091321\
 Data File : VN068459.D
 Acq On : 13 Sep 2021 15:45
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Sep 14 04:26:24 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N091321W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Sep 14 04:23:31 2021
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/14/2021
 Supervised By : Mahesh Dadoda 09/14/2021

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

83) 1,3-Dichlorobenzene	13.619	146	22306	1.692	ug/l	98
84) 1,4-Dichlorobenzene	13.699	146	25393	2.011	ug/l	98
85) n-Butylbenzene	13.946	91	40308	2.439	ug/l	100
87) 1,2-Dichlorobenzene	13.991	146	23493	1.855	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.606	75	5062	4.117	ug/l	96
89) 1,2,4-Trichlorobenzene	15.265	180	46139	7.539	ug/l	99
90) Hexachlorobutadiene	15.373	225	7521	1.943	ug/l	77
91) Naphthalene	15.512	128	194252	14.714	ug/l	100
92) 1,2,3-Trichlorobenzene	15.705	180	63254	10.976	ug/l	99

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

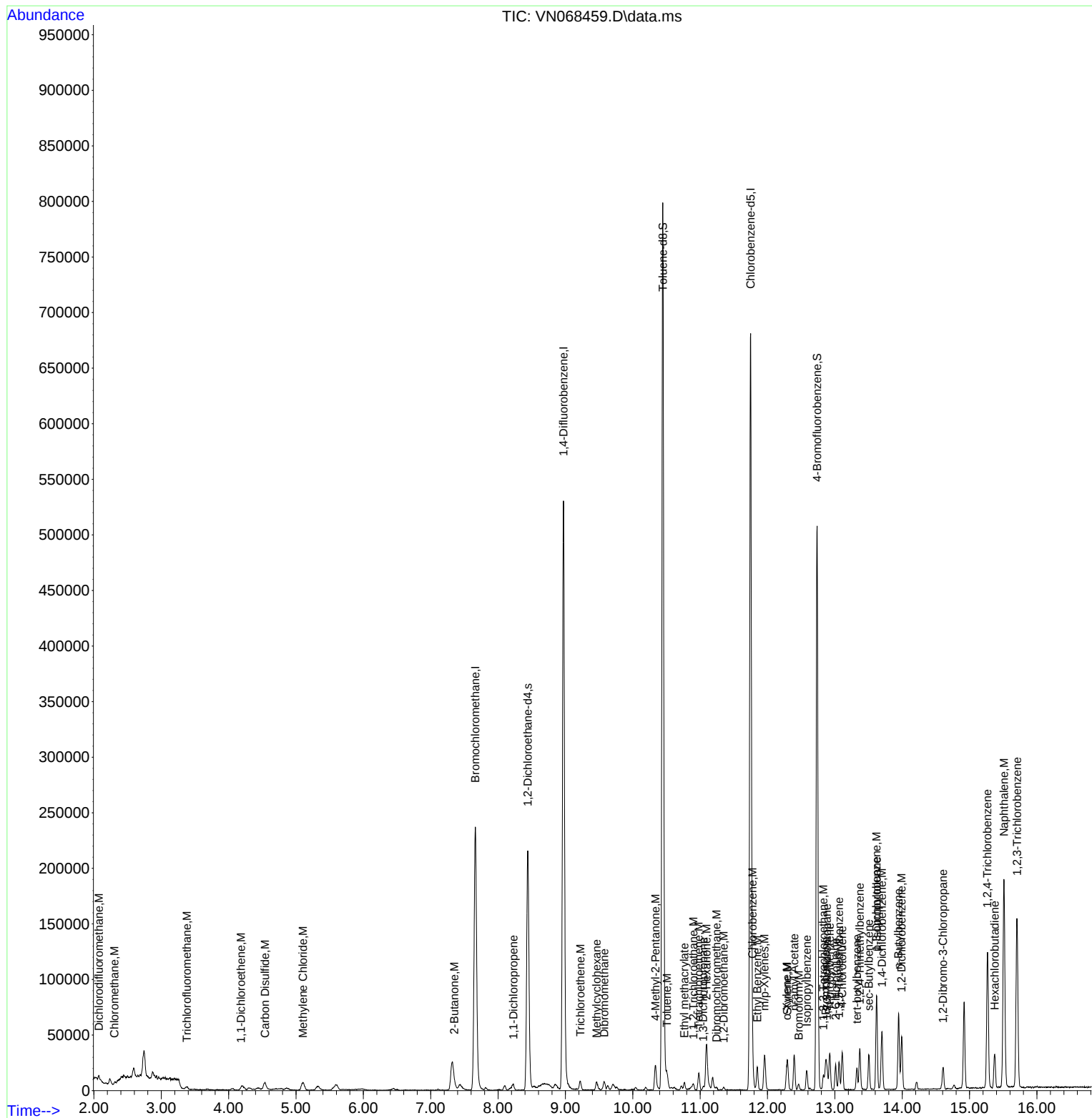
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091321\
Data File : VN068459.D
Acq On : 13 Sep 2021 15:45
Operator : JC/MD
Sample : IBLK
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

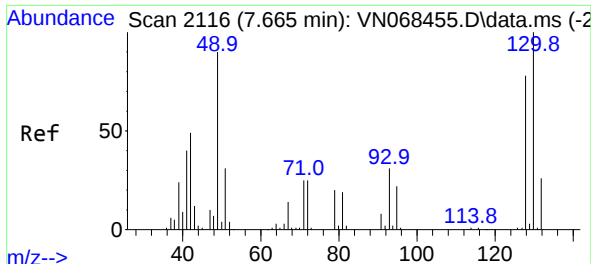
Instrument :
MSVOA_N
ClientSampleId :
IBLK

Manual Integrations
APPROVED

Reviewed By : John Carlone 09/14/2021
Supervised By : Mahesh Dadoda 09/14/2021

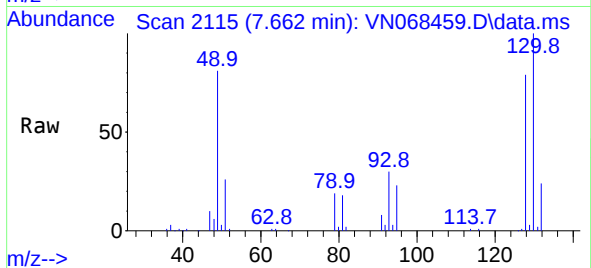
Quant Time: Sep 14 04:26:24 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N091321W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Tue Sep 14 04:23:31 2021
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.662 min Scan# 2116
Delta R.T. -0.003 min
Lab File: VN068459.D
Acq: 13 Sep 2021 15:45

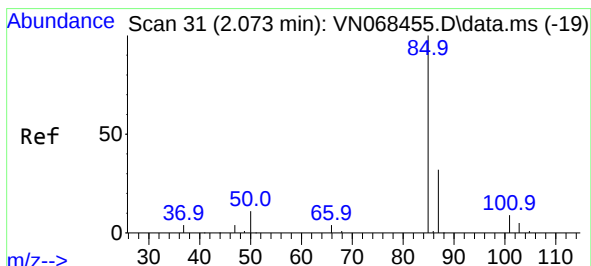
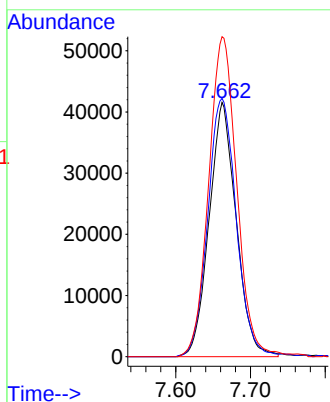
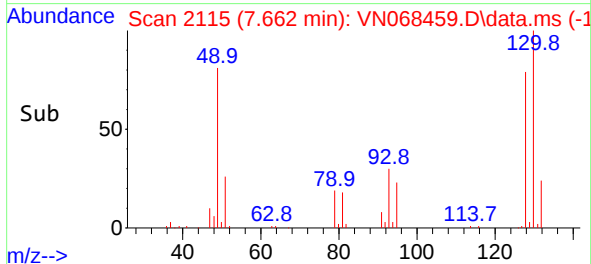
Instrument :
MSVOA_N
ClientSampleId :
IBLK



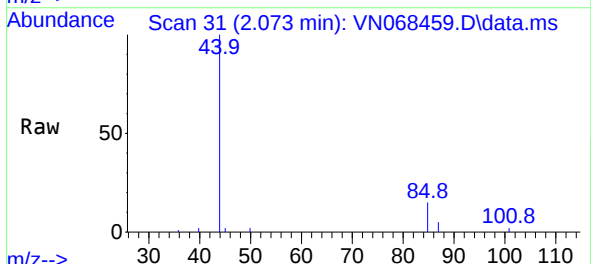
Tgt Ion:128 Resp: 104390
Ion Ratio Lower Upper
128 100
49 107.0 0.0 292.5
130 130.0 0.0 325.0

Manual Integrations
APPROVED

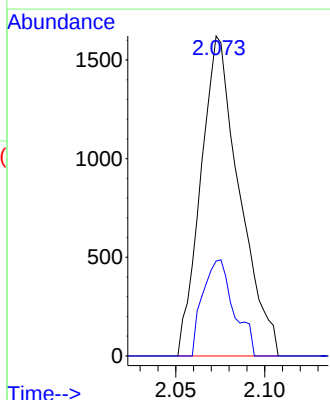
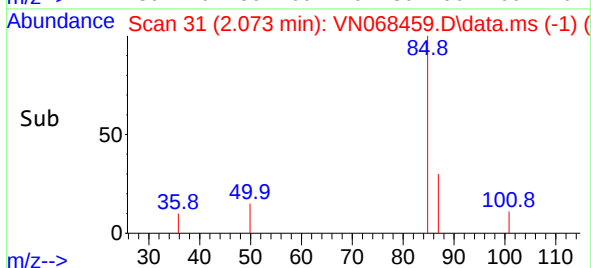
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021

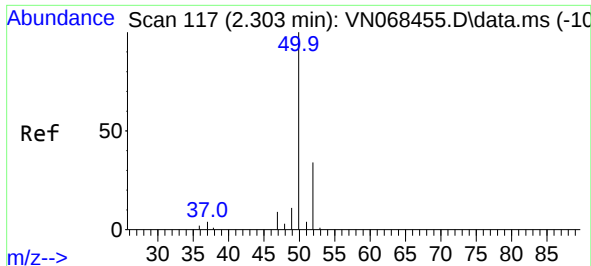


#2
Dichlorodifluoromethane
Concen: 0.514 ug/l
RT: 2.073 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN068459.D
Acq: 13 Sep 2021 15:45



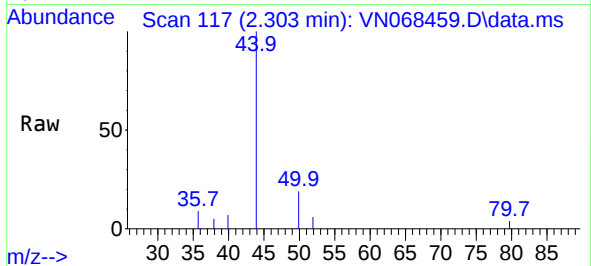
Tgt Ion: 85 Resp: 2444
Ion Ratio Lower Upper
85 100
87 29.7 15.8 47.3





#3
Chloromethane
Concen: 0.248 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN068459.D
Acq: 13 Sep 2021 15:45

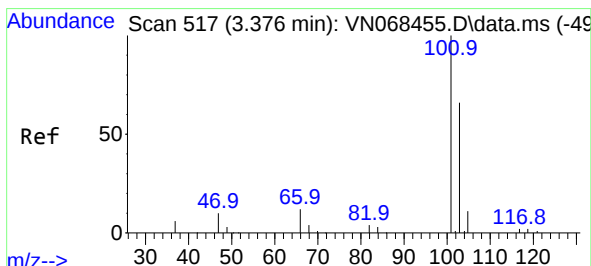
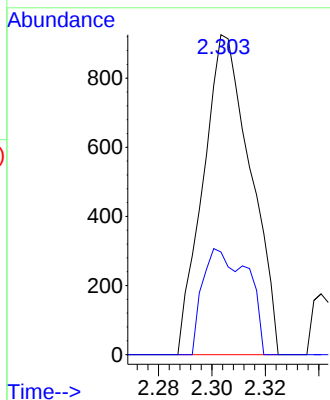
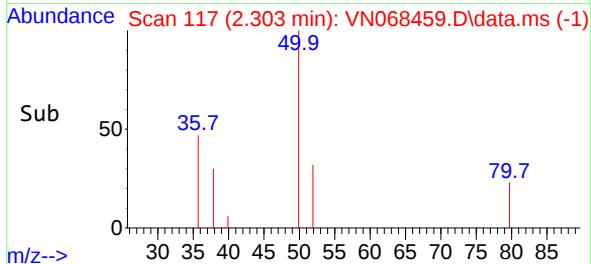
Instrument :
MSVOA_N
ClientSampleId :
IBLK



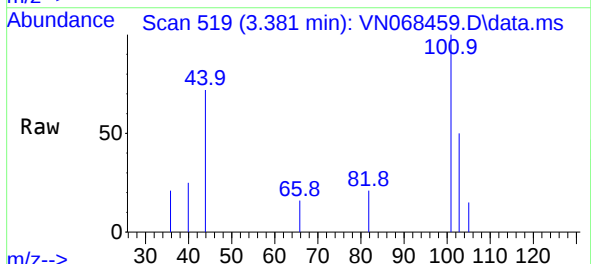
Tgt Ion: 50 Resp: 1140
Ion Ratio Lower Upper
50 100
52 32.1 27.0 40.4

Manual Integrations
APPROVED

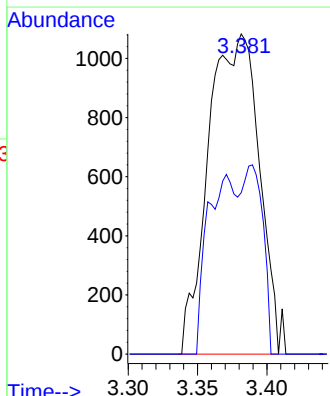
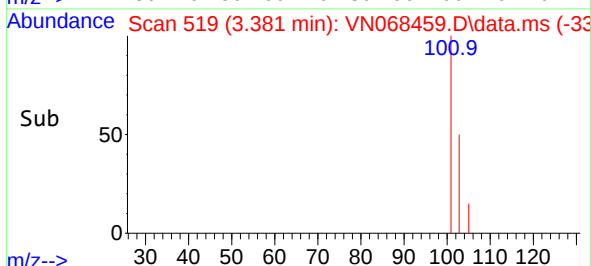
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021

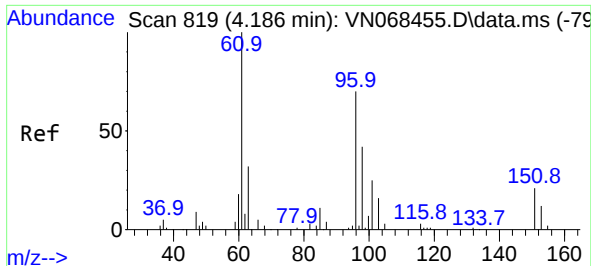


#7
Trichlorofluoromethane
Concen: 0.305 ug/l m
RT: 3.381 min Scan# 519
Delta R.T. 0.005 min
Lab File: VN068459.D
Acq: 13 Sep 2021 15:45



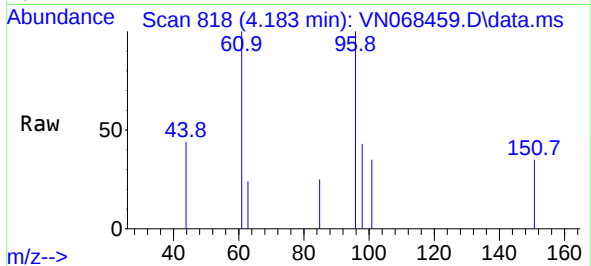
Tgt Ion:101 Resp: 2739
Ion Ratio Lower Upper
101 100
103 50.4 52.4 78.6#





#10
1,1-Dichloroethene
Concen: 0.331 ug/l
RT: 4.183 min Scan# 819
Delta R.T. -0.003 min
Lab File: VN068459.D
Acq: 13 Sep 2021 15:45

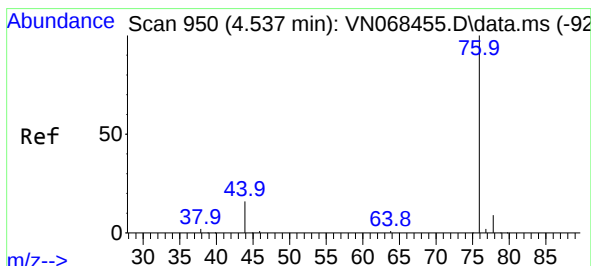
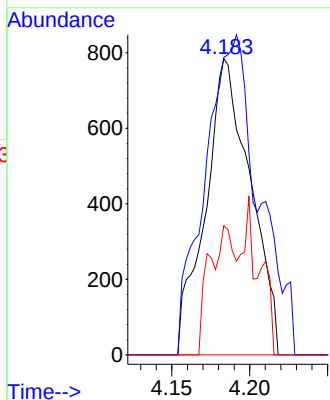
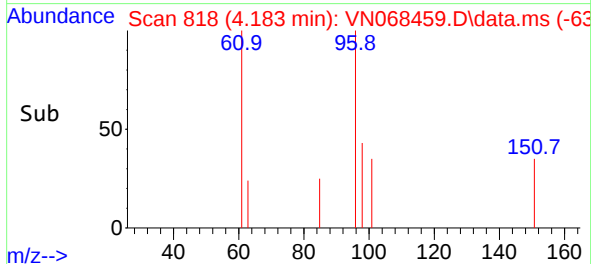
Instrument :
MSVOA_N
ClientSampleId :
IBLK



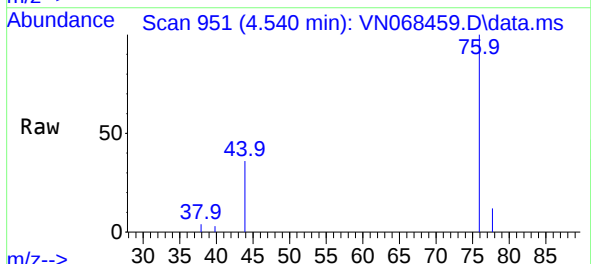
Tgt Ion: 96 Resp: 1570
Ion Ratio Lower Upper
96 100
61 100.4 114.1 171.1
98 43.6 48.3 72.5

Manual Integrations
APPROVED

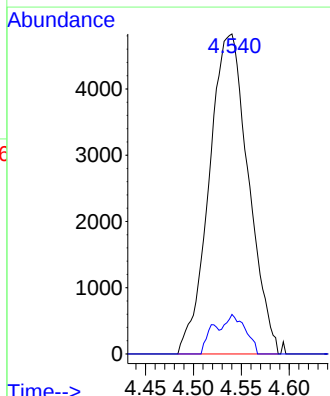
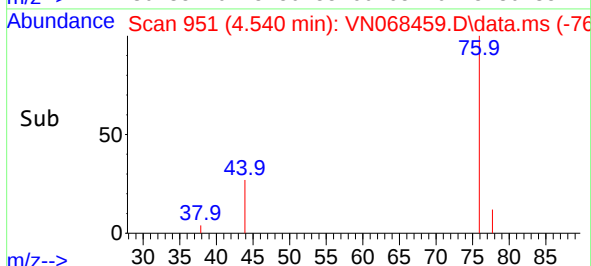
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021

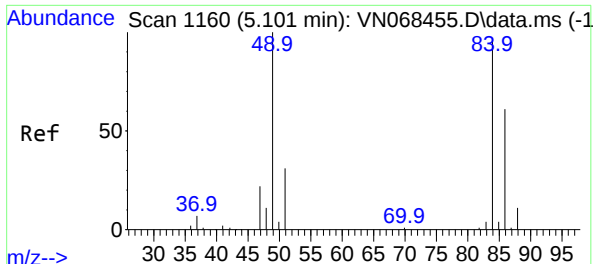


#16
Carbon Disulfide
Concen: 1.120 ug/l
RT: 4.540 min Scan# 951
Delta R.T. 0.003 min
Lab File: VN068459.D
Acq: 13 Sep 2021 15:45



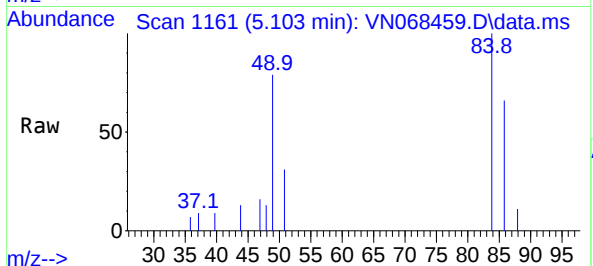
Tgt Ion: 76 Resp: 13749
Ion Ratio Lower Upper
76 100
78 12.3 6.9 10.3





#18
Methylene Chloride
Concen: 1.194 ug/l m
RT: 5.103 min Scan# 1160
Delta R.T. 0.003 min
Lab File: VN068459.D
Acq: 13 Sep 2021 15:45

Instrument :
MSVOA_N
ClientSampleId :
IBLK

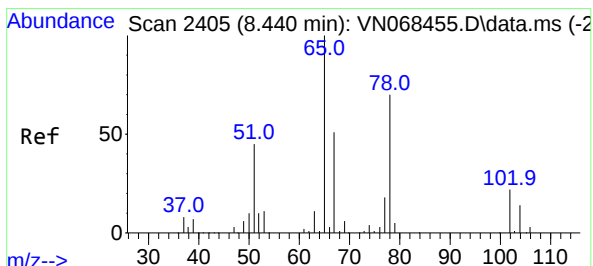
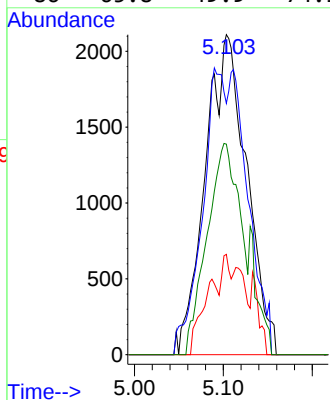
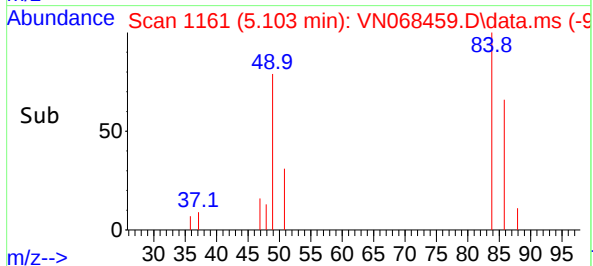


Tgt Ion: 84 Resp: 679

Ion	Ratio	Lower	Upper
84	100		
49	78.6	82.4	123.6
51	31.4	25.9	38.9
86	65.8	49.9	74.9

Manual Integrations
APPROVED

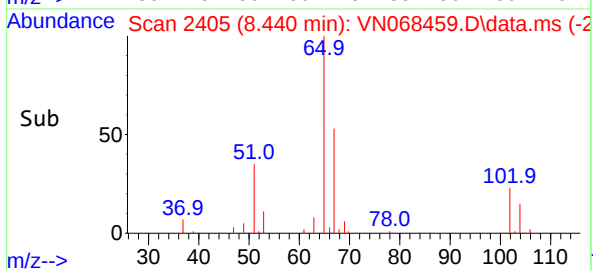
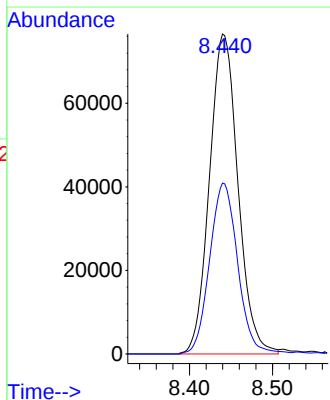
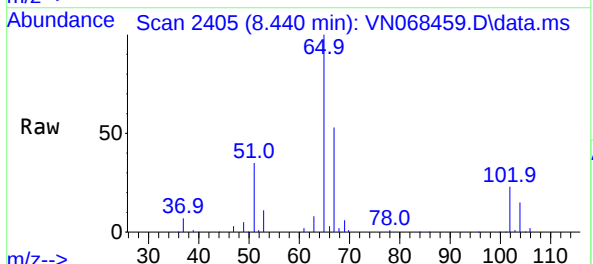
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021

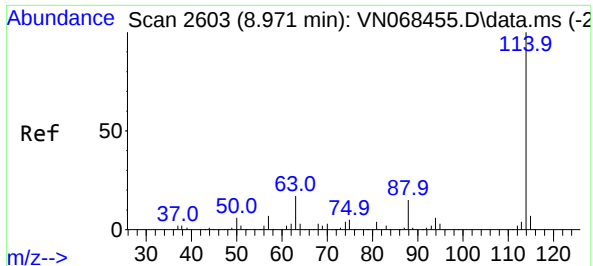


#27
1,2-Dichloroethane-d4
Concen: 29.607 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.000 min
Lab File: VN068459.D
Acq: 13 Sep 2021 15:45

Tgt Ion: 65 Resp: 182525

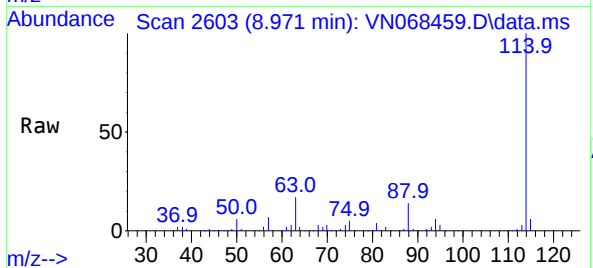
Ion	Ratio	Lower	Upper
65	100		
67	52.6	41.8	62.8





#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.000 min
Lab File: VN068459.D
Acq: 13 Sep 2021 15:45

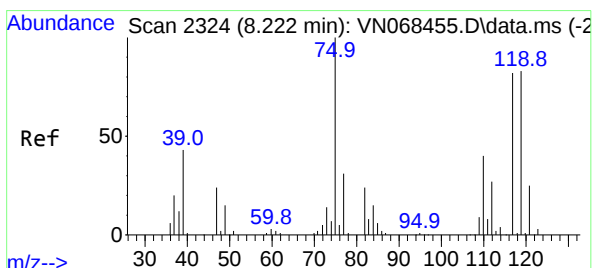
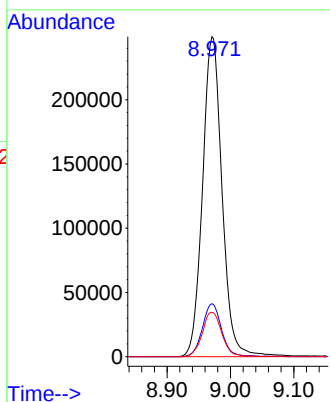
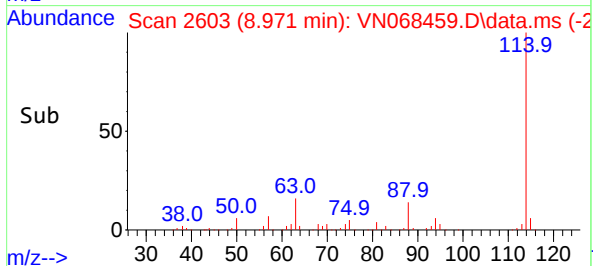
Instrument :
MSVOA_N
ClientSampleId :
IBLK



Tgt Ion: 114 Resp: 53190
Ion Ratio Lower Upper
114 100
63 16.1 13.4 20.0
88 14.0 11.1 16.7

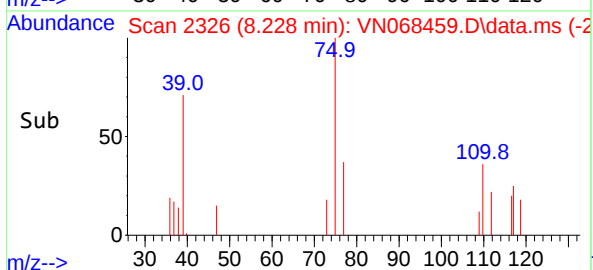
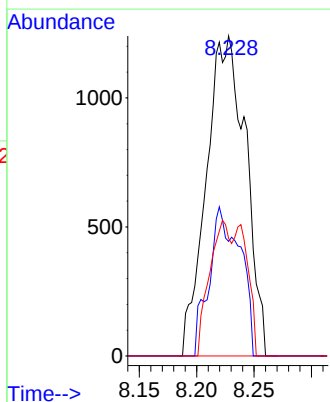
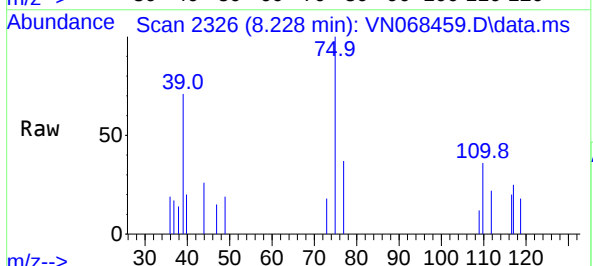
Manual Integrations
APPROVED

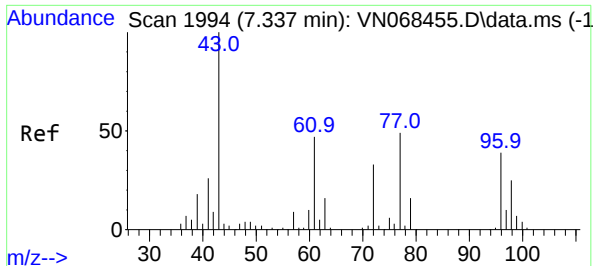
Reviewed By : John Carlone 09/14/2021
Supervised By : Mahesh Dadoda 09/14/2021



#29
1,1-Dichloropropene
Concen: 0.414 ug/l m
RT: 8.228 min Scan# 2326
Delta R.T. 0.005 min
Lab File: VN068459.D
Acq: 13 Sep 2021 15:45

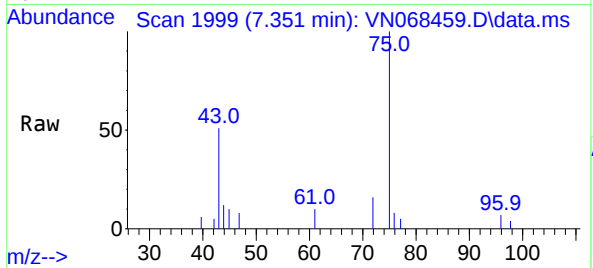
Tgt Ion: 75 Resp: 2953
Ion Ratio Lower Upper
75 100
110 11.5 0.0 82.2
77 23.1 0.0 60.0





#30
2-Butanone
Concen: 2.730 ug/l m
RT: 7.351 min Scan# 1994
Delta R.T. 0.013 min
Lab File: VN068459.D
Acq: 13 Sep 2021 15:45

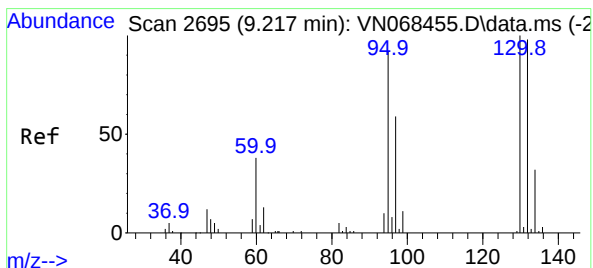
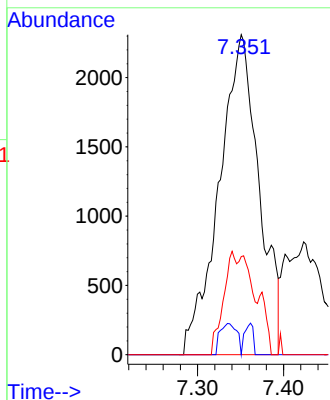
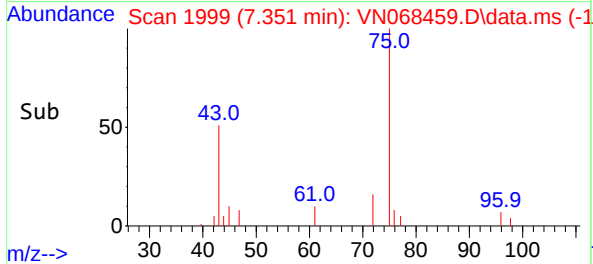
Instrument :
MSVOA_N
ClientSampleId :
IBLK



Tgt Ion: 43 Resp: 7429
Ion Ratio Lower Upper
43 100
57 4.1 3.2 4.8
72 6.6 26.6 39.8

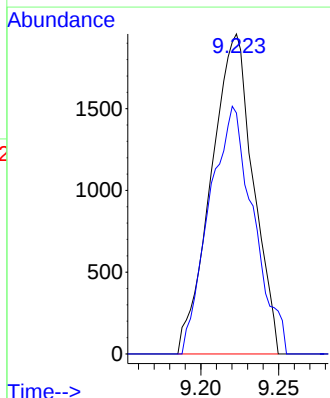
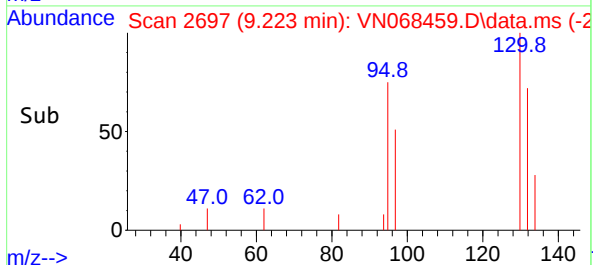
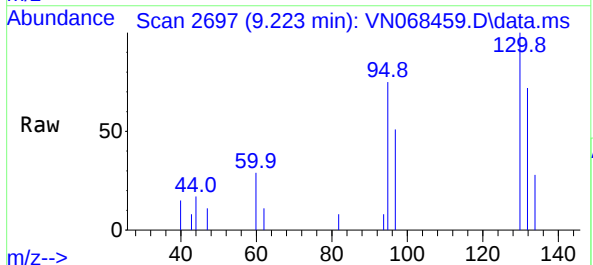
Manual Integrations
APPROVED

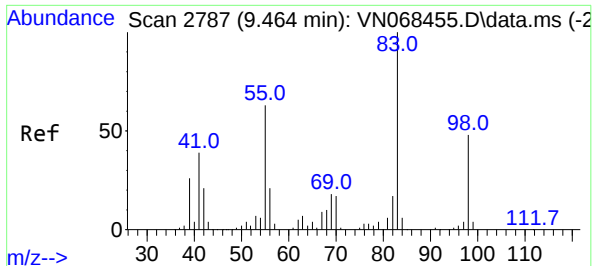
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021



#37
Trichloroethene
Concen: 0.527 ug/l
RT: 9.223 min Scan# 2697
Delta R.T. 0.005 min
Lab File: VN068459.D
Acq: 13 Sep 2021 15:45

Tgt Ion:130 Resp: 3668
Ion Ratio Lower Upper
130 100
95 75.3 73.4 110.0





#38

Methylcyclohexane

Concen: 0.388 ug/l

RT: 9.464 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN068459.D

Acq: 13 Sep 2021 15:45

Instrument :

MSVOA_N

ClientSampleId :

IBLK

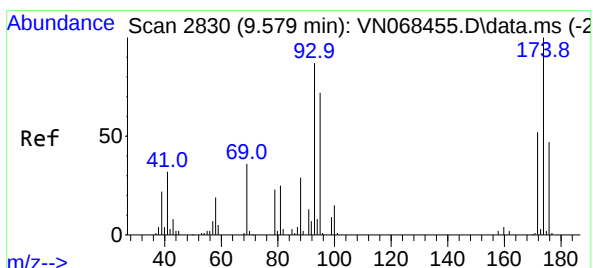
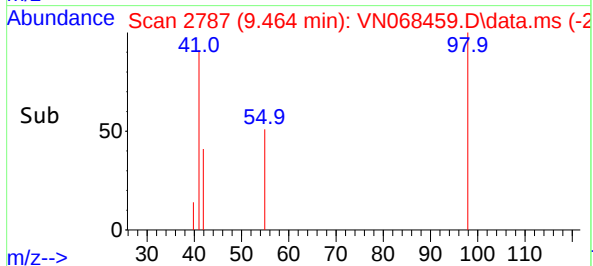
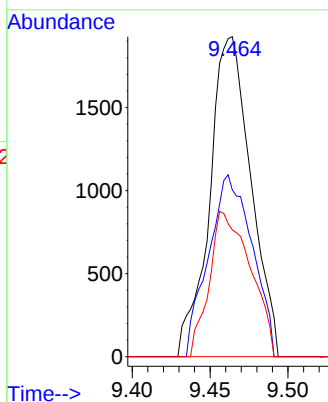
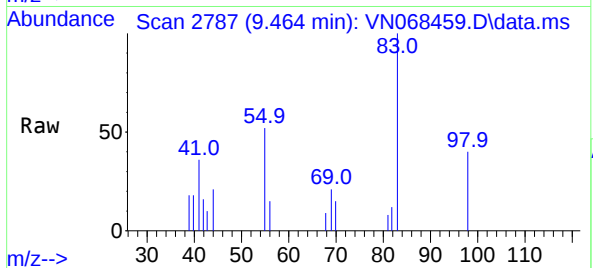
Tgt Ion: 83	Resp: 355
Ion Ratio	Lower Upper
83 100	
55 60.1	32.1 96.3
98 45.2	24.0 72.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2021

Supervised By :Mahesh Dadoda 09/14/2021



#40

Dibromomethane

Concen: 0.392 ug/l

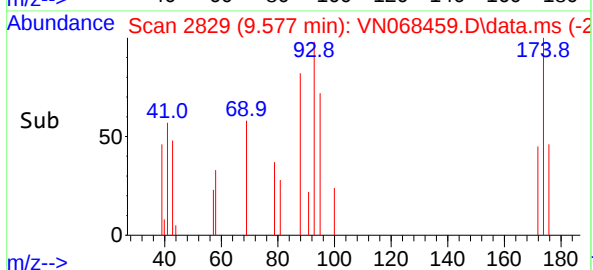
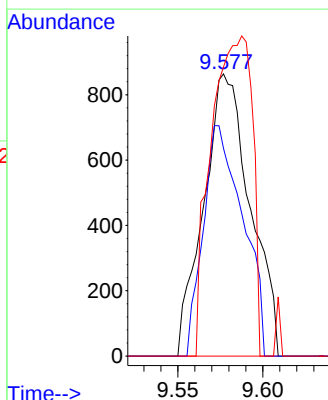
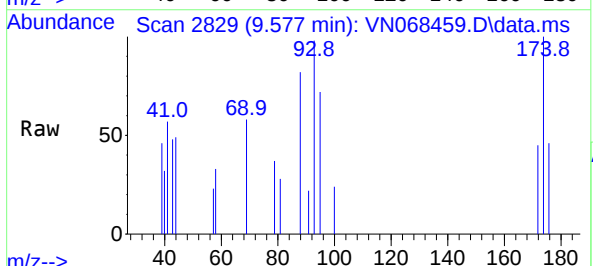
RT: 9.577 min Scan# 2829

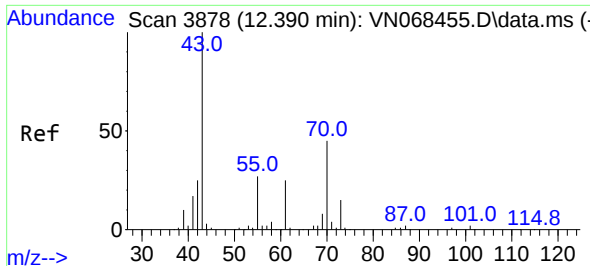
Delta R.T. -0.003 min

Lab File: VN068459.D

Acq: 13 Sep 2021 15:45

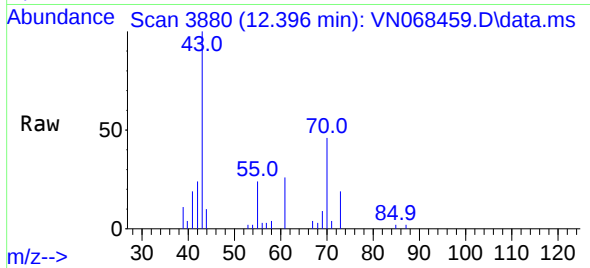
Tgt Ion: 93	Resp: 1649
Ion Ratio	Lower Upper
93 100	
95 69.4	0.0 165.2
174 100.2	0.0 231.8





#47
n-amy1 Acetate
Concen: 2.519 ug/l
RT: 12.396 min Scan# 3878
Delta R.T. 0.005 min
Lab File: VN068459.D
Acq: 13 Sep 2021 15:45

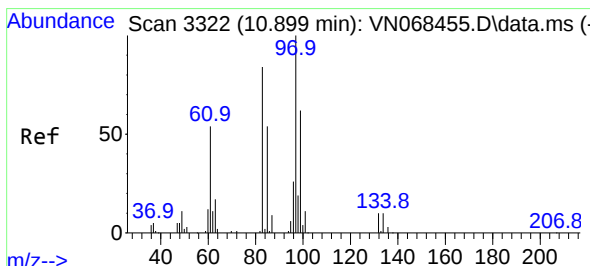
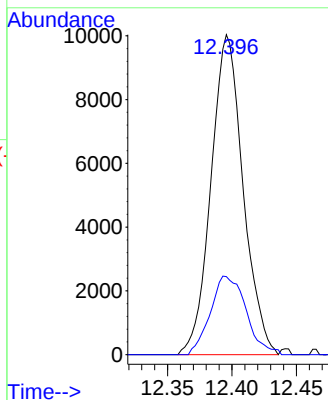
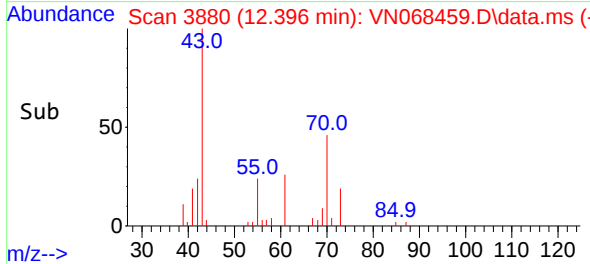
Instrument :
MSVOA_N
ClientSampleId :
IBLK



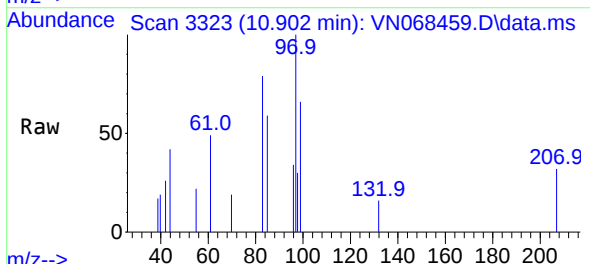
Tgt Ion: 43 Resp: 17375
Ion Ratio Lower Upper
43 100
55 27.2 21.7 32.5

Manual Integrations
APPROVED

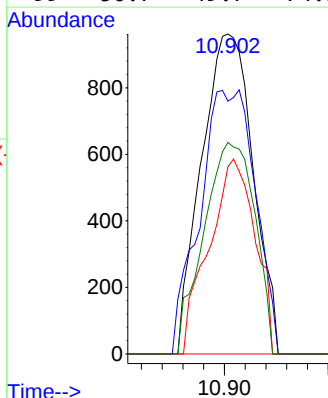
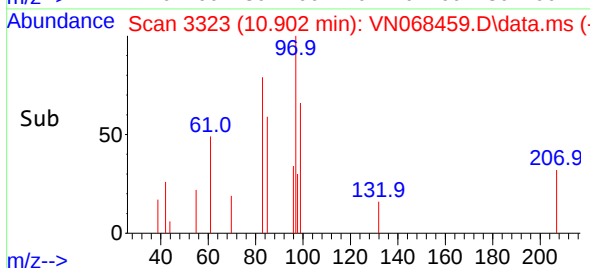
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021

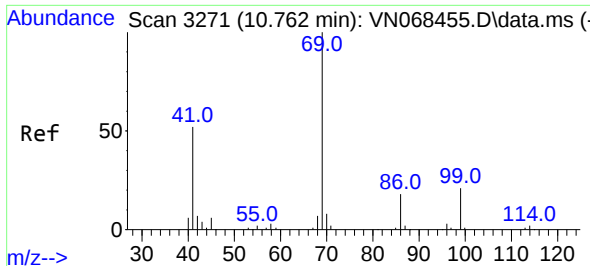


#50
1,1,2-Trichloroethane
Concen: 0.274 ug/l
RT: 10.902 min Scan# 3323
Delta R.T. 0.003 min
Lab File: VN068459.D
Acq: 13 Sep 2021 15:45



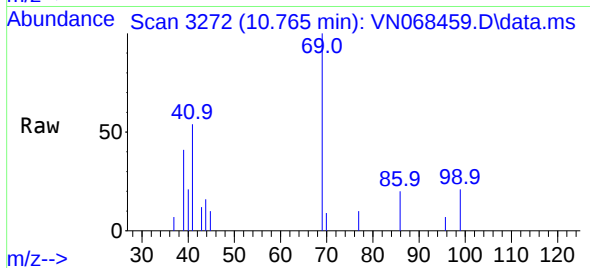
Tgt Ion: 97 Resp: 1662
Ion Ratio Lower Upper
97 100
83 60.6 66.8 100.2#
85 44.9 43.5 65.3
99 50.7 49.7 74.5





#51
Ethyl methacrylate
Concen: 0.546 ug/l
RT: 10.765 min Scan# 31
Delta R.T. 0.003 min
Lab File: VN068459.D
Acq: 13 Sep 2021 15:45

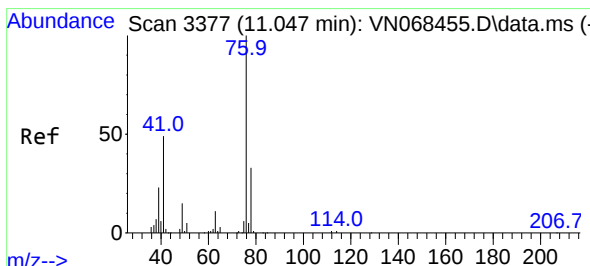
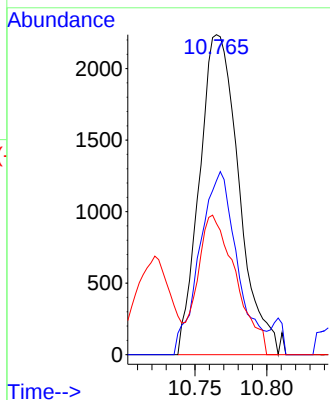
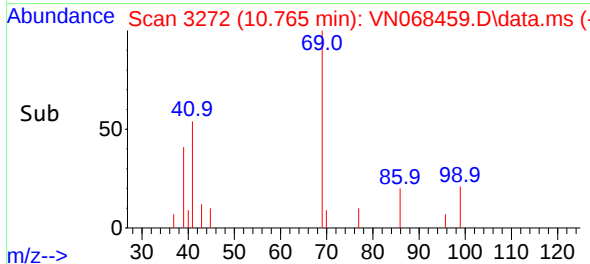
Instrument :
MSVOA_N
ClientSampleId :
IBLK



Tgt Ion: 69 Resp: 4260
Ion Ratio Lower Upper
69 100
41 47.7 26.1 78.3
39 30.3 18.0 54.0

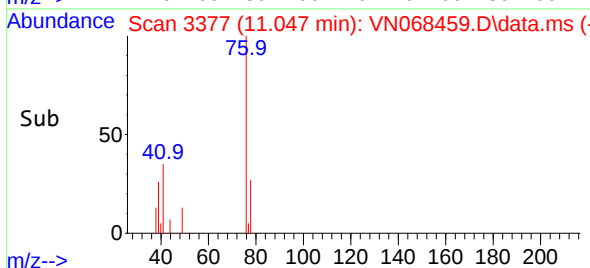
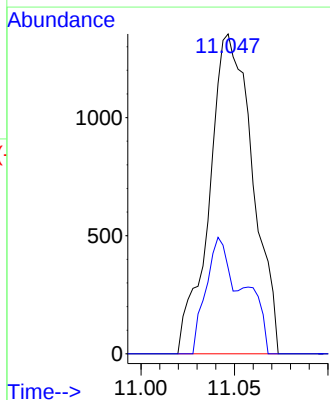
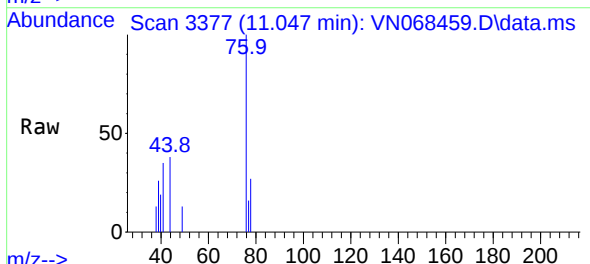
Manual Integrations
APPROVED

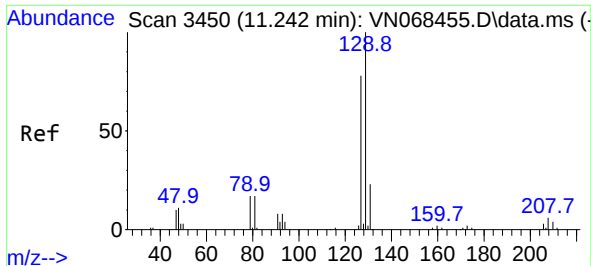
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021



#52
1,3-Dichloropropane
Concen: 0.242 ug/l
RT: 11.047 min Scan# 3377
Delta R.T. 0.000 min
Lab File: VN068459.D
Acq: 13 Sep 2021 15:45

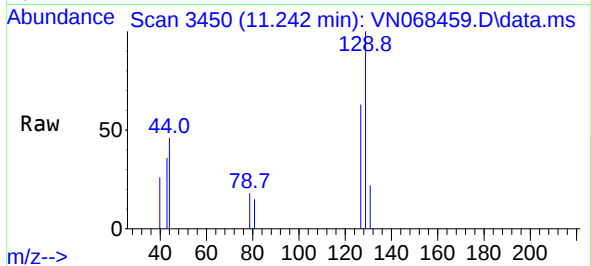
Tgt Ion: 76 Resp: 2186
Ion Ratio Lower Upper
76 100
78 19.9 0.0 66.4





#53
Dibromochloromethane
Concen: 0.249 ug/l
RT: 11.242 min Scan# 3450
Delta R.T. 0.000 min
Lab File: VN068459.D
Acq: 13 Sep 2021 15:45

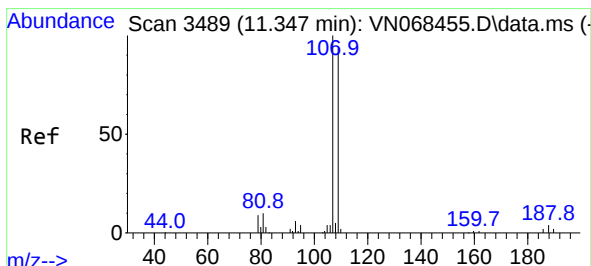
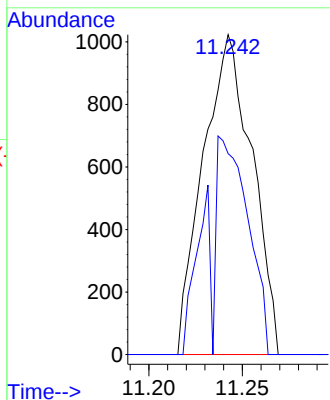
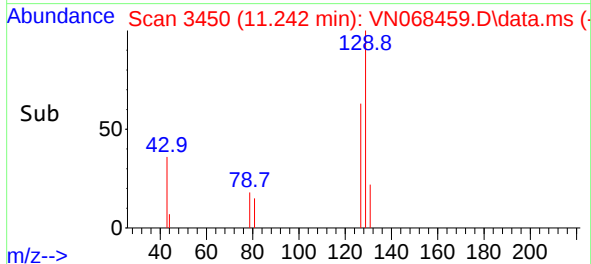
Instrument :
MSVOA_N
ClientSampleId :
IBLK



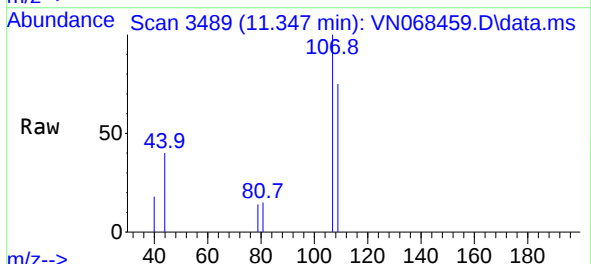
Tgt Ion:129 Resp: 1862
Ion Ratio Lower Upper
129 100
127 43.6 38.5 115.5

Manual Integrations
APPROVED

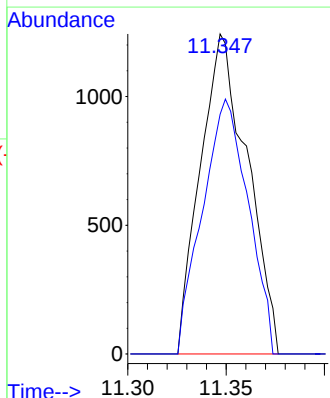
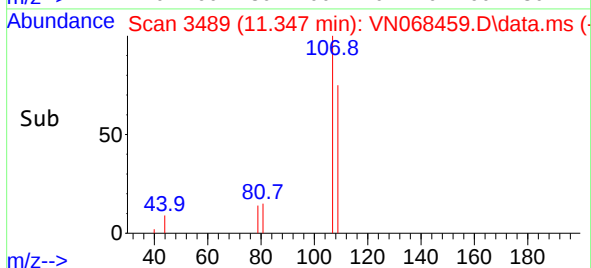
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021

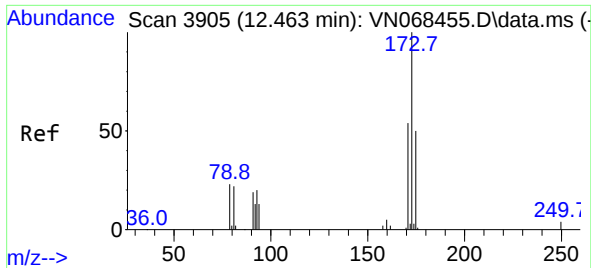


#54
1,2-Dibromoethane
Concen: 0.316 ug/l
RT: 11.347 min Scan# 3489
Delta R.T. 0.000 min
Lab File: VN068459.D
Acq: 13 Sep 2021 15:45



Tgt Ion:107 Resp: 2059
Ion Ratio Lower Upper
107 100
109 77.7 77.0 115.4





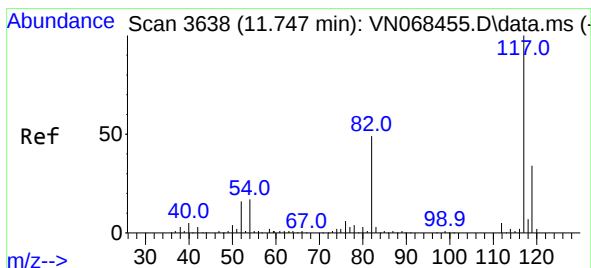
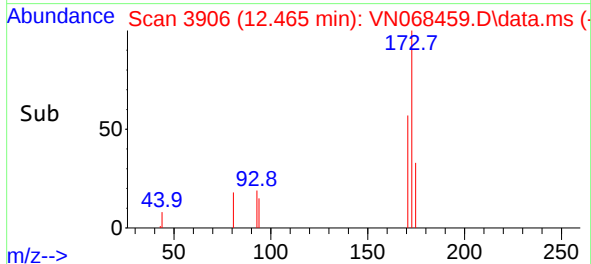
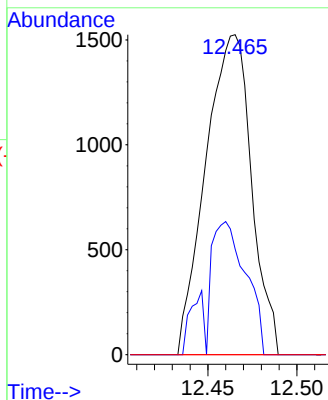
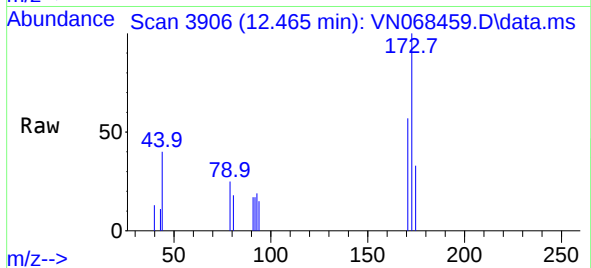
#56
Bromoform
Concen: 0.456 ug/l
RT: 12.465 min Scan# 3905
Delta R.T. 0.003 min
Lab File: VN068459.D
Acq: 13 Sep 2021 15:45

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:173 Resp: 2734
Ion Ratio Lower Upper
173 100
175 30.5 38.8 58.2
254 0.0 0.0 0.0

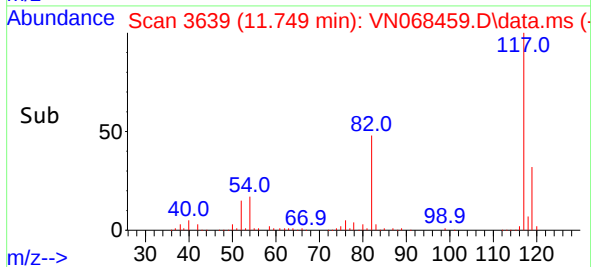
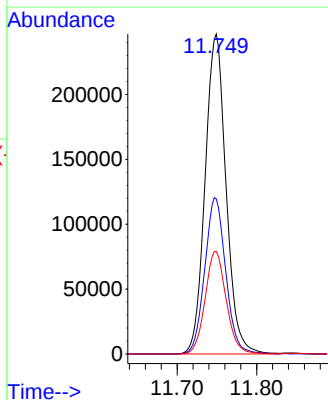
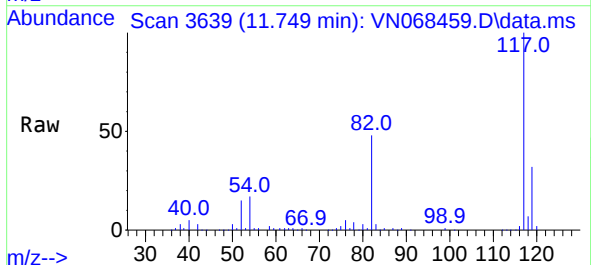
Manual Integrations
APPROVED

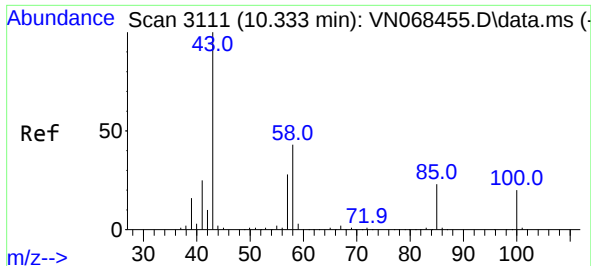
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.749 min Scan# 3639
Delta R.T. 0.003 min
Lab File: VN068459.D
Acq: 13 Sep 2021 15:45

Tgt Ion:117 Resp: 451933
Ion Ratio Lower Upper
117 100
82 49.0 39.4 59.0
119 32.3 26.2 39.2





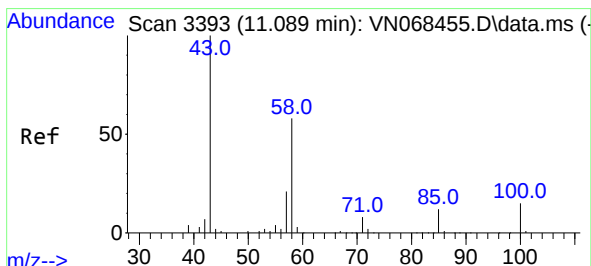
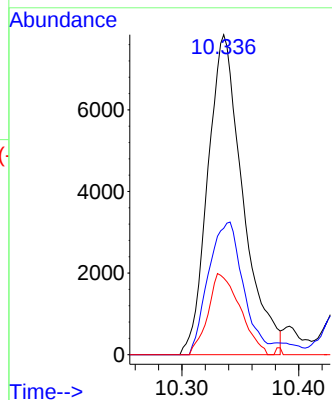
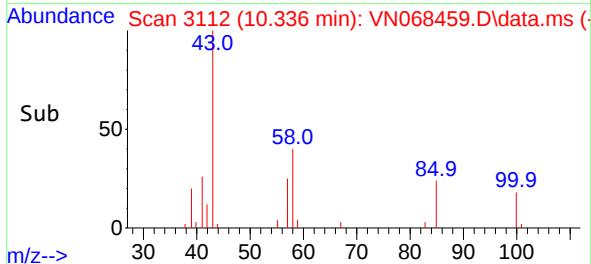
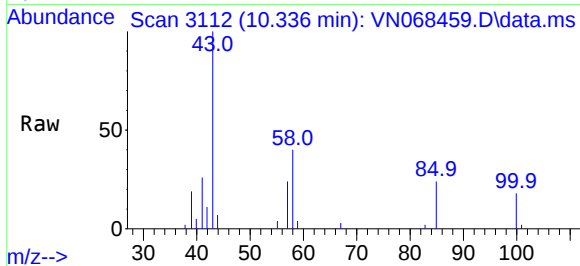
#58
4-Methyl-2-Pentanone
Concen: 3.065 ug/l
RT: 10.336 min Scan# 3111
Delta R.T. 0.003 min
Lab File: VN068459.D
Acq: 13 Sep 2021 15:45

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion: 43 Resp: 1630
Ion Ratio Lower Upper
43 100
58 41.3 33.3 49.9
85 23.3 18.6 27.8

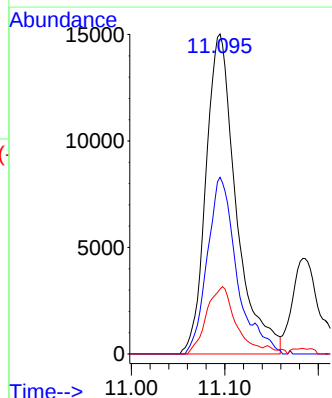
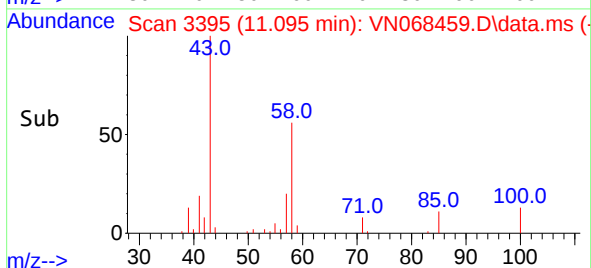
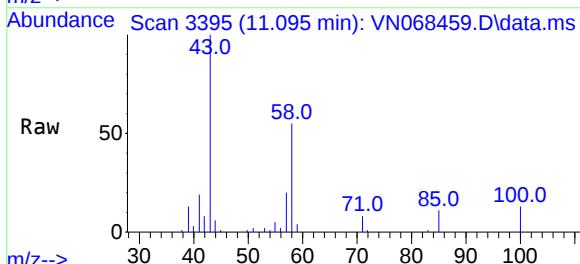
Manual Integrations
APPROVED

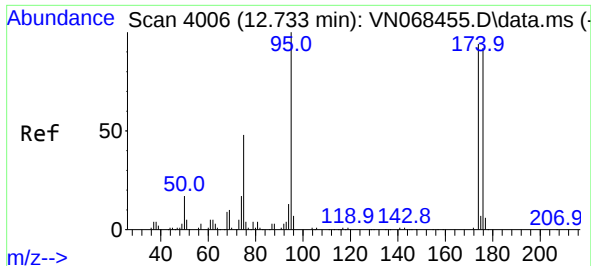
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021



#59
2-Hexanone
Concen: 9.136 ug/l
RT: 11.095 min Scan# 3395
Delta R.T. 0.005 min
Lab File: VN068459.D
Acq: 13 Sep 2021 15:45

Tgt Ion: 43 Resp: 33685
Ion Ratio Lower Upper
43 100
58 50.4 46.4 69.6
57 20.3 16.6 25.0





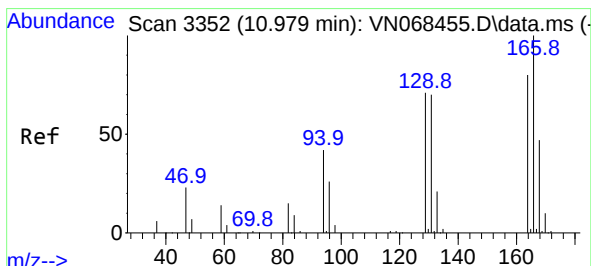
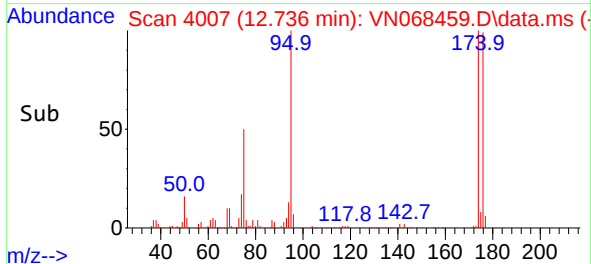
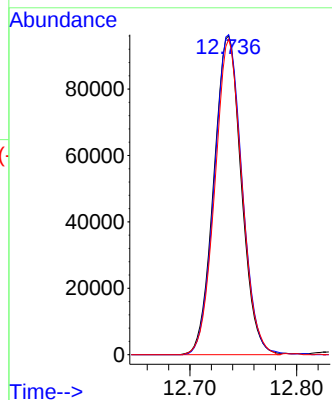
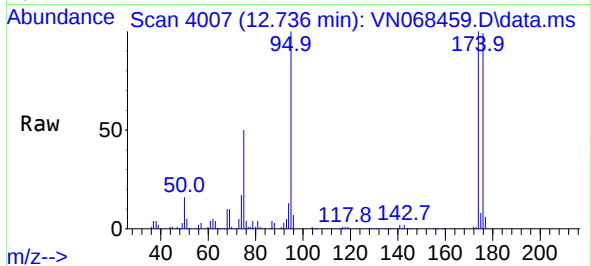
#60
4-Bromofluorobenzene
Concen: 26.676 ug/l
RT: 12.736 min Scan# 4006
Delta R.T. 0.003 min
Lab File: VN068459.D
Acq: 13 Sep 2021 15:45

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion: 95 Resp: 17183
Ion Ratio Lower Upper
95 100
174 100.9 78.0 117.0
176 97.0 76.4 114.6

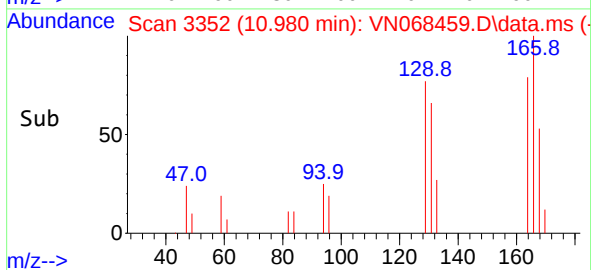
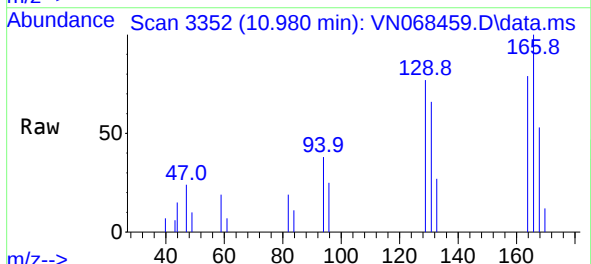
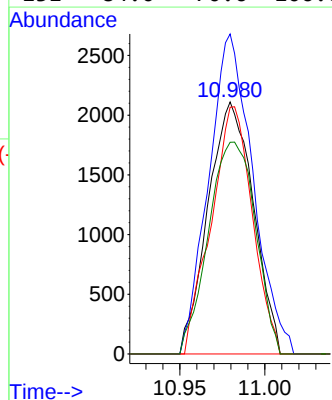
Manual Integrations
APPROVED

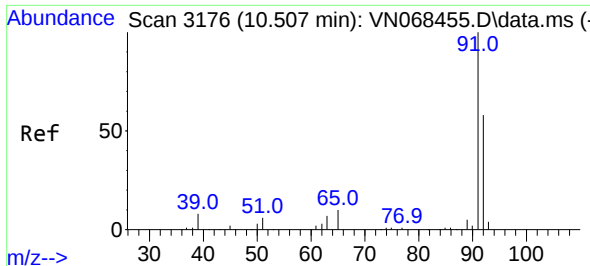
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021



#61
Tetrachloroethene
Concen: 0.601 ug/l
RT: 10.980 min Scan# 3352
Delta R.T. 0.000 min
Lab File: VN068459.D
Acq: 13 Sep 2021 15:45

Tgt Ion:164 Resp: 3907
Ion Ratio Lower Upper
164 100
166 127.0 100.4 150.6
129 97.9 71.4 107.0
131 84.0 70.6 106.0





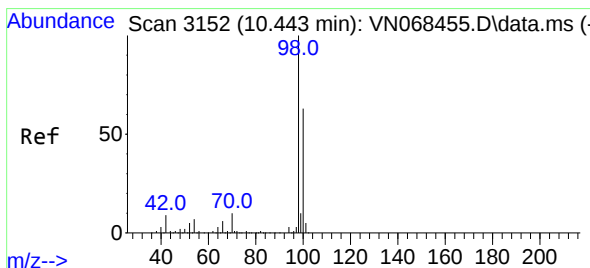
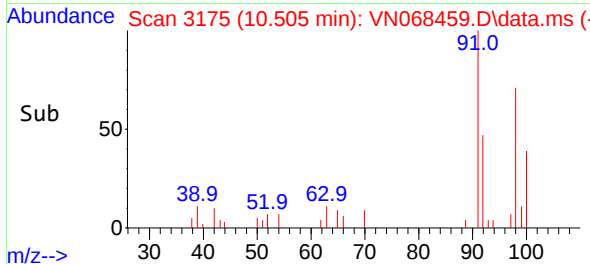
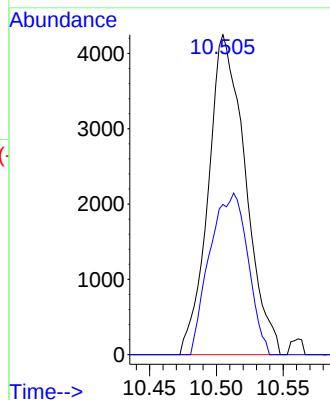
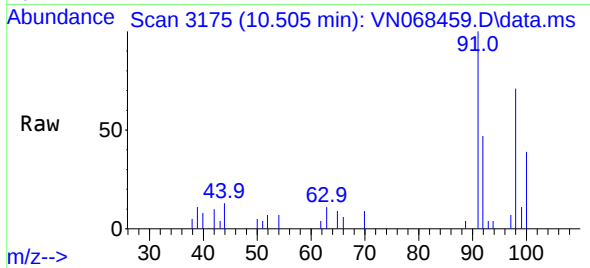
#62
Toluene
Concen: 0.345 ug/l
RT: 10.505 min Scan# 3176
Delta R.T. -0.003 min
Lab File: VN068459.D
Acq: 13 Sep 2021 15:45

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion: 91 Resp: 820
Ion Ratio Lower Upper
91 100
92 25.5 45.8 68.6

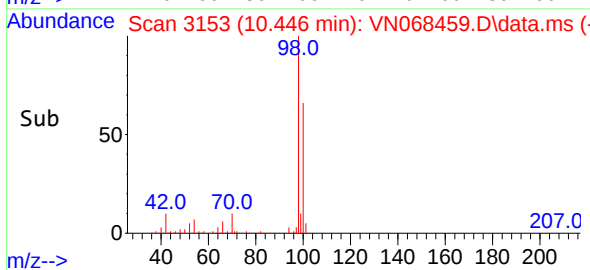
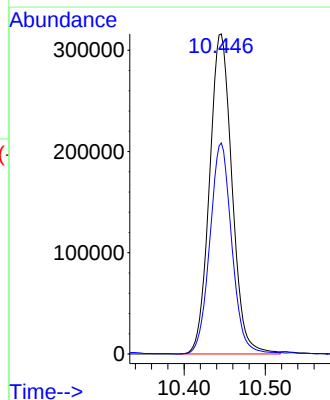
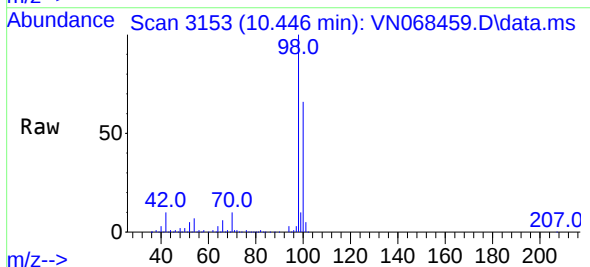
Manual Integrations
APPROVED

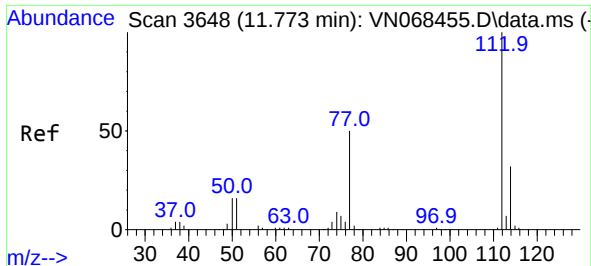
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021



#63
Toluene-d8
Concen: 30.949 ug/l
RT: 10.446 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VN068459.D
Acq: 13 Sep 2021 15:45

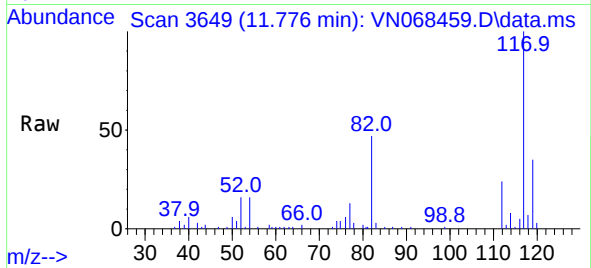
Tgt Ion: 98 Resp: 608468
Ion Ratio Lower Upper
98 100
100 64.3 50.9 76.3





#64
Chlorobenzene
Concen: 0.591 ug/l
RT: 11.776 min Scan# 3648
Delta R.T. 0.003 min
Lab File: VN068459.D
Acq: 13 Sep 2021 15:45

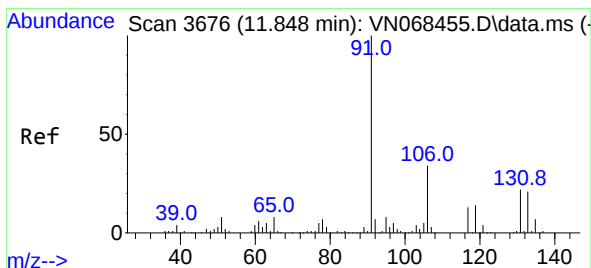
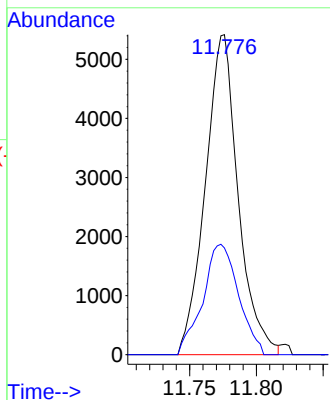
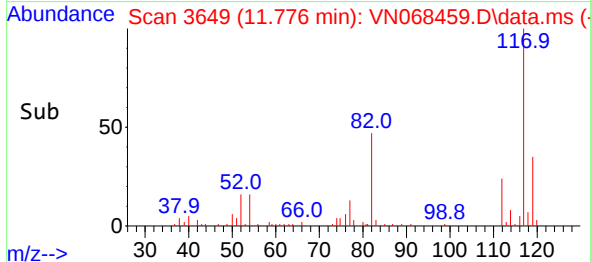
Instrument :
MSVOA_N
ClientSampleId :
IBLK



Tgt Ion:112 Resp: 9270
Ion Ratio Lower Upper
112 100
114 33.3 25.8 38.6

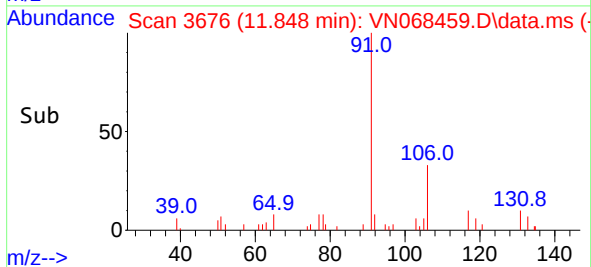
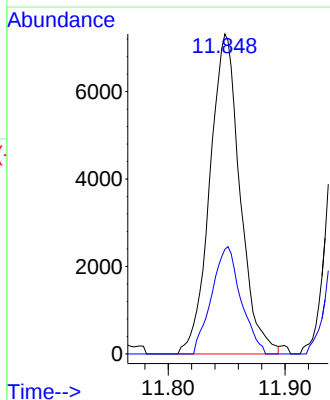
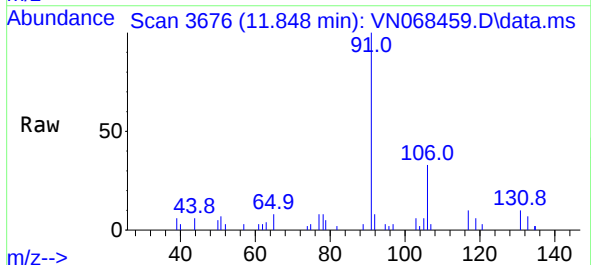
Manual Integrations
APPROVED

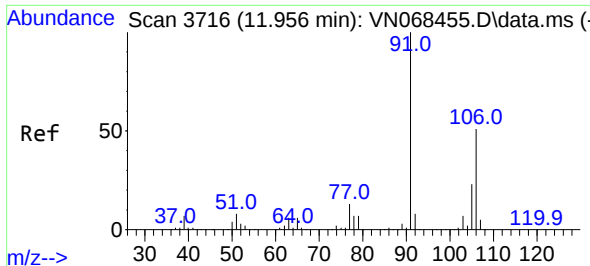
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021



#66
Ethyl Benzene
Concen: 0.508 ug/l
RT: 11.848 min Scan# 3676
Delta R.T. 0.000 min
Lab File: VN068459.D
Acq: 13 Sep 2021 15:45

Tgt Ion: 91 Resp: 13124
Ion Ratio Lower Upper
91 100
106 32.7 27.2 40.8





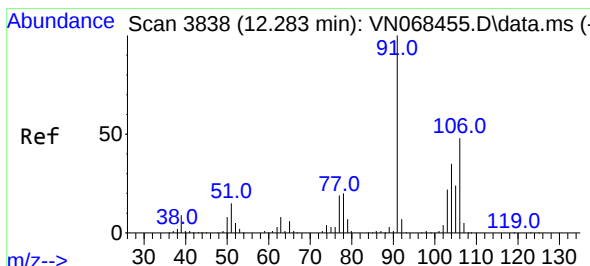
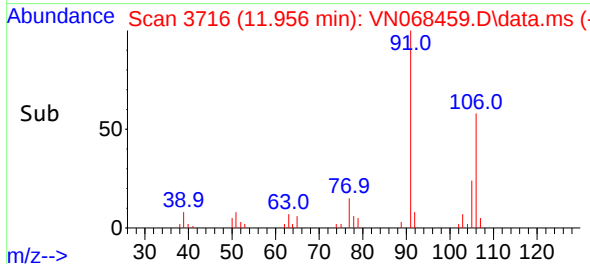
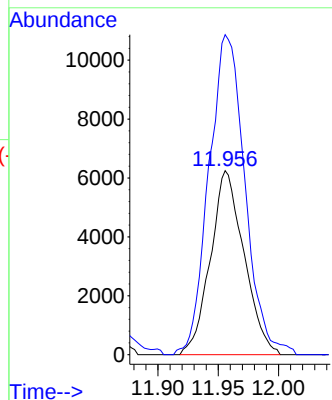
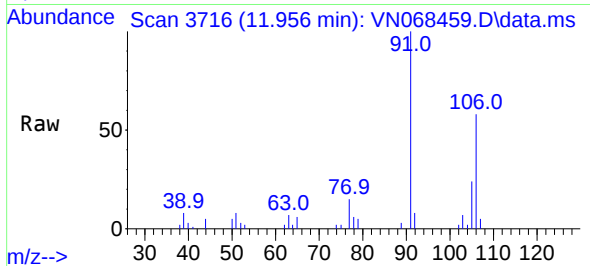
#67
m/p-Xylenes
Concen: 1.140 ug/l
RT: 11.956 min Scan# 3716
Delta R.T. 0.000 min
Lab File: VN068459.D
Acq: 13 Sep 2021 15:45

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:106 Resp: 1214
Ion Ratio Lower Upper
106 100
91 186.1 152.7 229.1

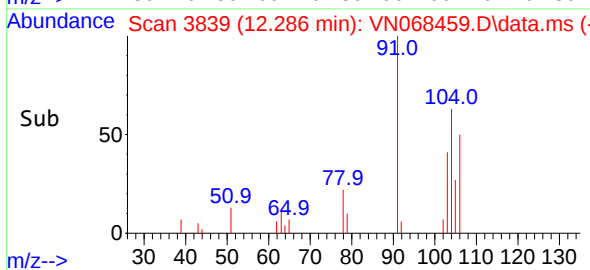
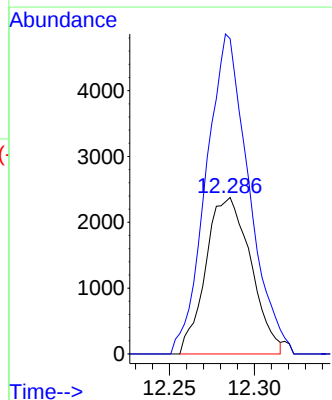
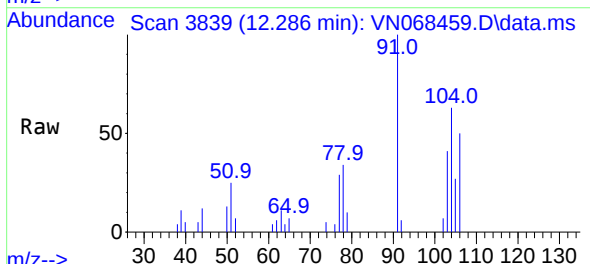
Manual Integrations
APPROVED

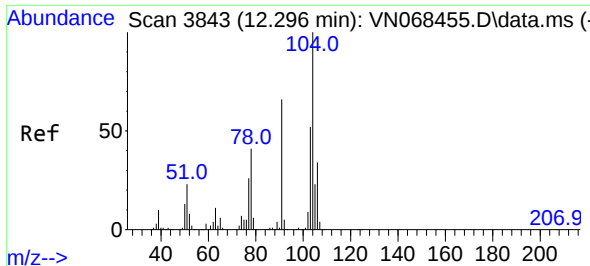
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021



#68
o-Xylene
Concen: 0.416 ug/l
RT: 12.286 min Scan# 3839
Delta R.T. 0.003 min
Lab File: VN068459.D
Acq: 13 Sep 2021 15:45

Tgt Ion:106 Resp: 4379
Ion Ratio Lower Upper
106 100
91 193.8 101.5 304.5





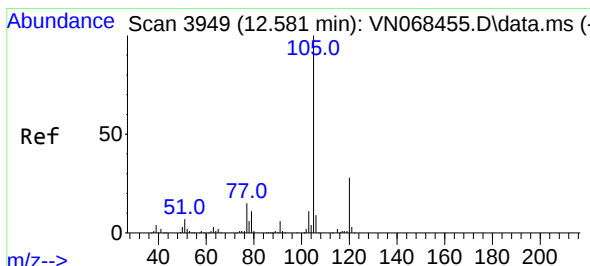
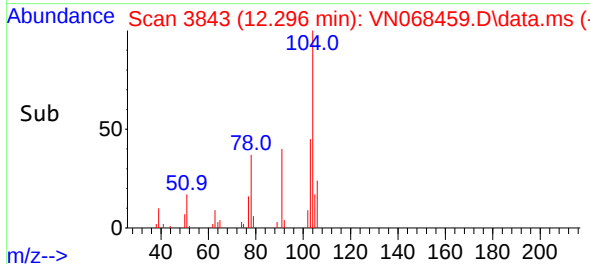
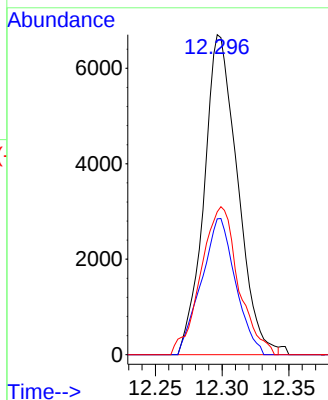
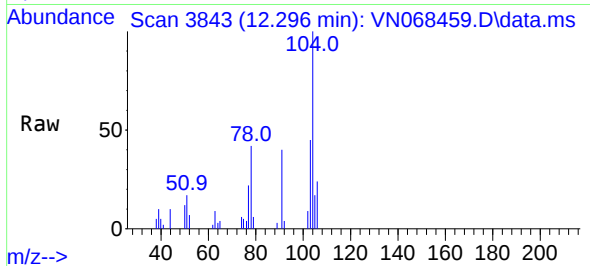
#69
Styrene
Concen: 0.701 ug/l
RT: 12.296 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN068459.D
Acq: 13 Sep 2021 15:45

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:104 Resp: 11690
Ion Ratio Lower Upper
104 100
78 43.2 36.5 54.7
103 51.8 43.5 65.3

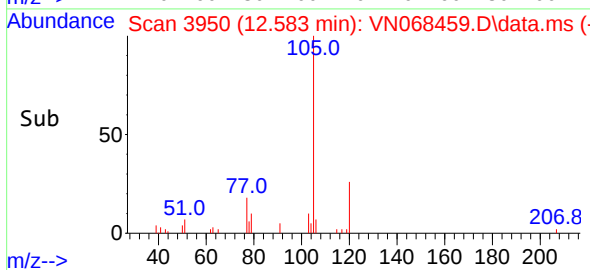
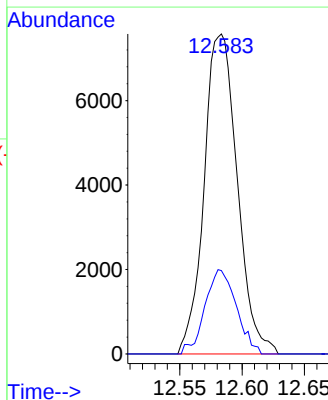
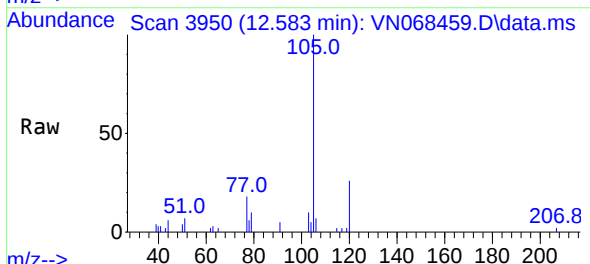
Manual Integrations
APPROVED

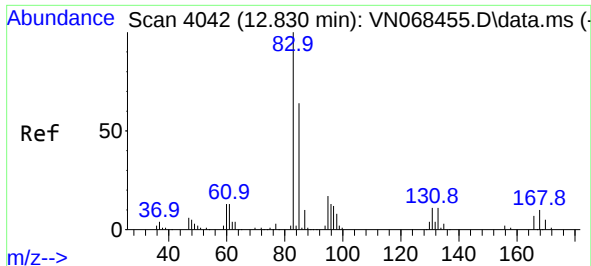
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021



#70
Isopropylbenzene
Concen: 0.525 ug/l
RT: 12.583 min Scan# 3950
Delta R.T. 0.003 min
Lab File: VN068459.D
Acq: 13 Sep 2021 15:45

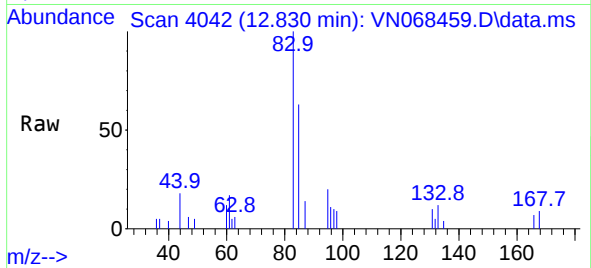
Tgt Ion:105 Resp: 14028
Ion Ratio Lower Upper
105 100
120 21.7 19.7 36.5





#71
1,1,2,2-Tetrachloroethane
Concen: 0.908 ug/l
RT: 12.830 min Scan# 4042
Delta R.T. 0.000 min
Lab File: VN068459.D
Acq: 13 Sep 2021 15:45

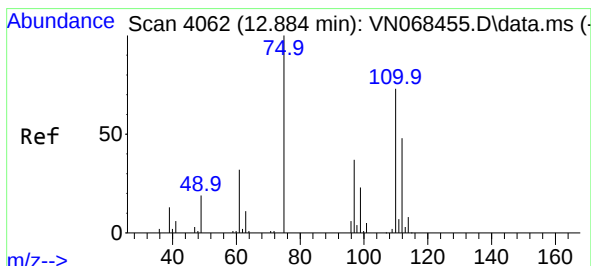
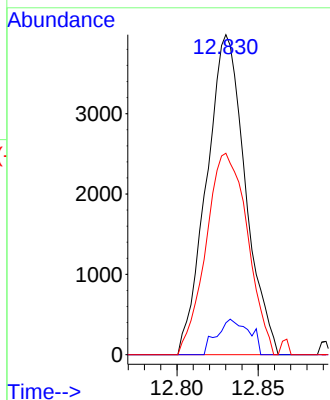
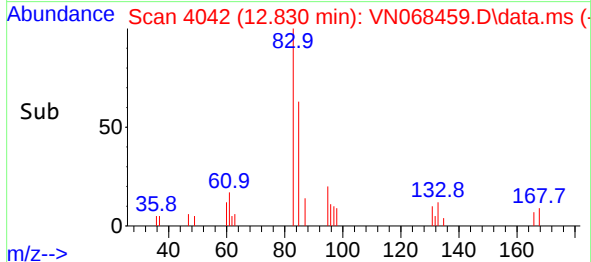
Instrument :
MSVOA_N
ClientSampleId :
IBLK



Tgt Ion: 83 Resp: 660
Ion Ratio Lower Upper
83 100
131 7.3 5.9 17.7
85 67.5 31.9 95.9

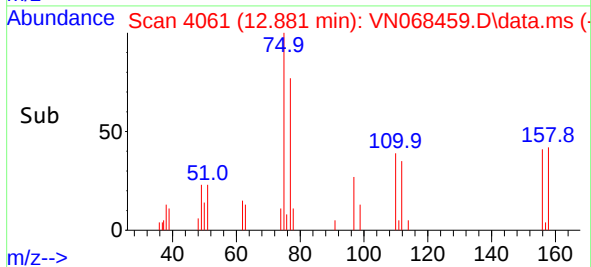
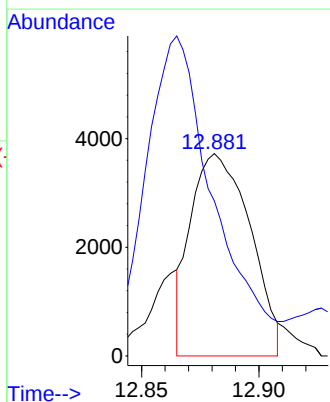
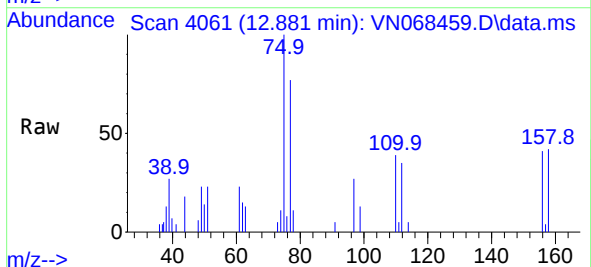
Manual Integrations
APPROVED

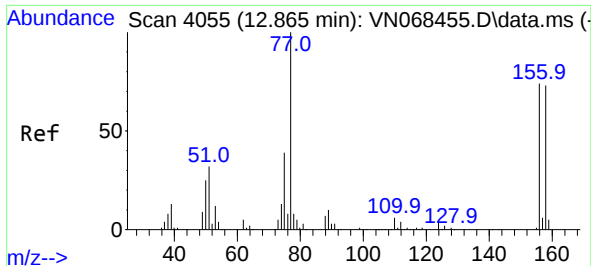
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021



#72
1,2,3-Trichloropropane
Concen: 1.081 ug/l m
RT: 12.881 min Scan# 4061
Delta R.T. -0.003 min
Lab File: VN068459.D
Acq: 13 Sep 2021 15:45

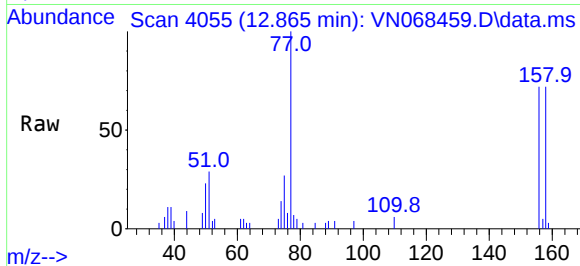
Tgt Ion: 75 Resp: 6543
Ion Ratio Lower Upper
75 100
77 183.5 0.0 357.6





#73
Bromobenzene
Concen: 1.014 ug/l
RT: 12.865 min Scan# 4055
Delta R.T. 0.000 min
Lab File: VN068459.D
Acq: 13 Sep 2021 15:45

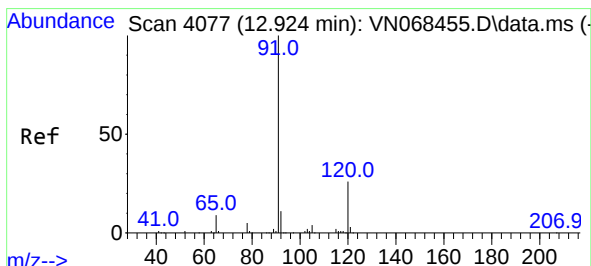
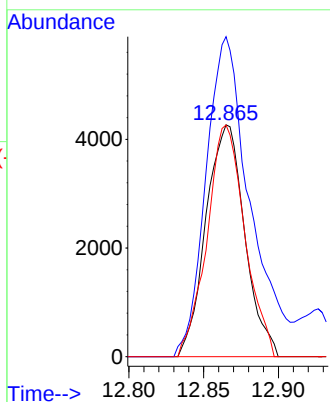
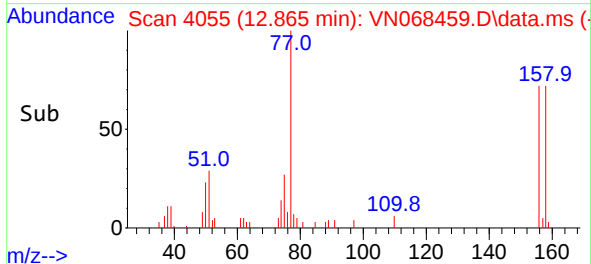
Instrument :
MSVOA_N
ClientSampleId :
IBLK



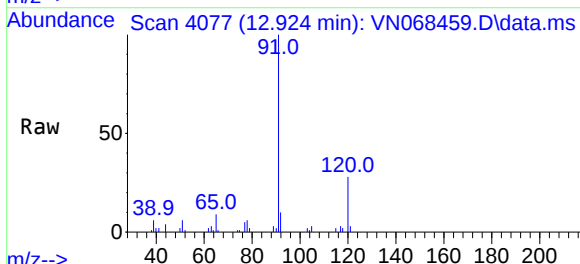
Tgt Ion:156 Resp: 7689
Ion Ratio Lower Upper
156 100
77 156.2 0.0 318.8
158 97.2 0.0 196.2

Manual Integrations
APPROVED

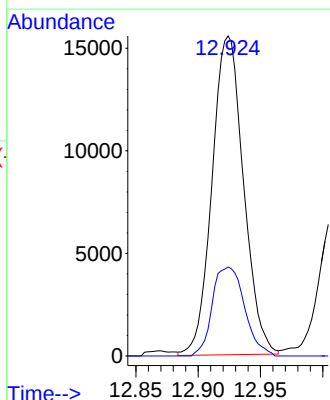
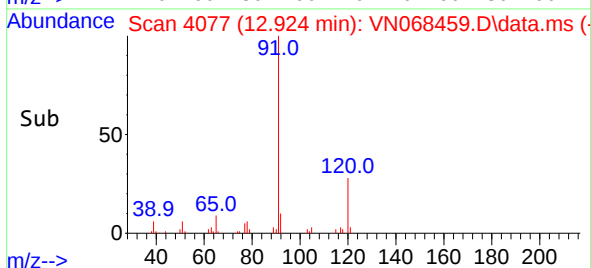
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021

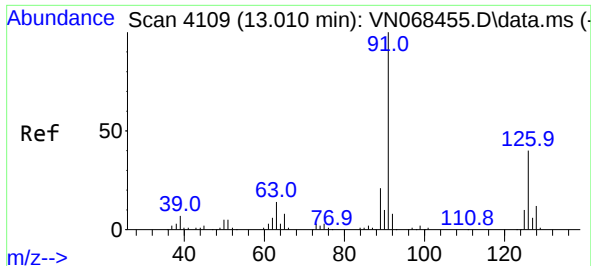


#74
n-propylbenzene
Concen: 0.948 ug/l
RT: 12.924 min Scan# 4077
Delta R.T. 0.000 min
Lab File: VN068459.D
Acq: 13 Sep 2021 15:45



Tgt Ion: 91 Resp: 27305
Ion Ratio Lower Upper
91 100
120 28.5 0.0 51.6





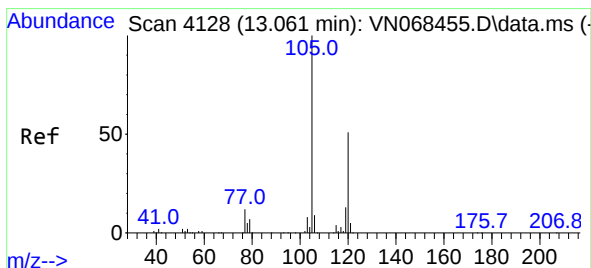
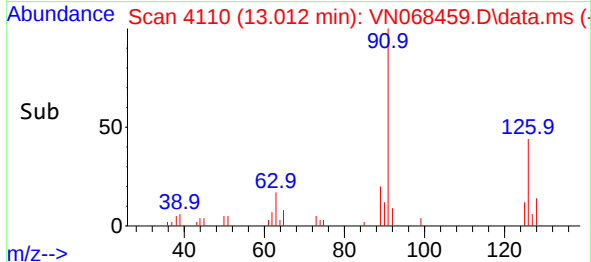
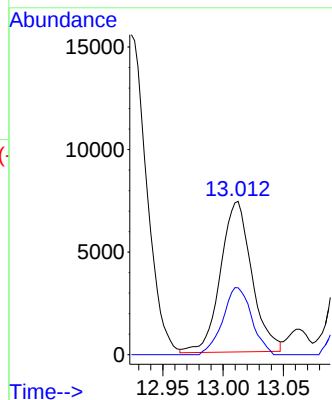
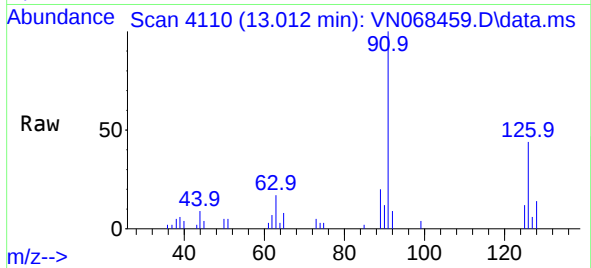
#75
2-Chlorotoluene
Concen: 0.764 ug/l
RT: 13.012 min Scan# 4109
Delta R.T. 0.003 min
Lab File: VN068459.D
Acq: 13 Sep 2021 15:45

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion: 91 Resp: 1325
Ion Ratio Lower Upper
91 100
126 41.1 0.0 77.2

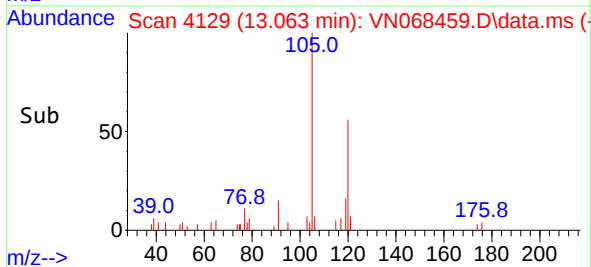
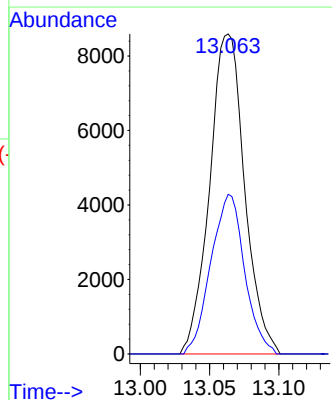
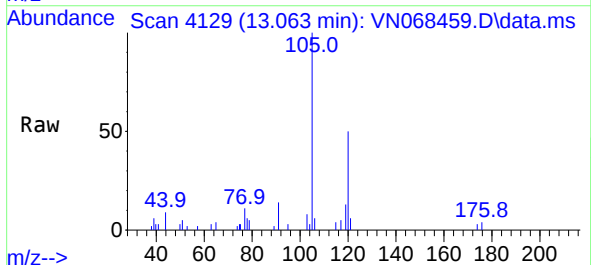
Manual Integrations
APPROVED

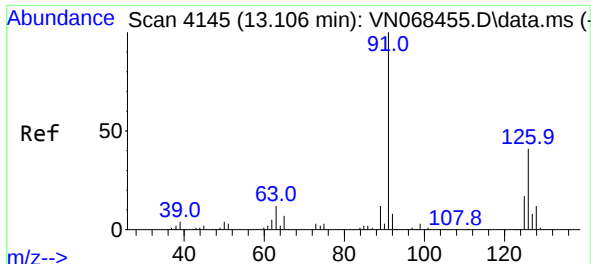
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021



#76
1,3,5-Trimethylbenzene
Concen: 0.677 ug/l
RT: 13.063 min Scan# 4129
Delta R.T. 0.003 min
Lab File: VN068459.D
Acq: 13 Sep 2021 15:45

Tgt Ion:105 Resp: 15099
Ion Ratio Lower Upper
105 100
120 48.0 0.0 103.4





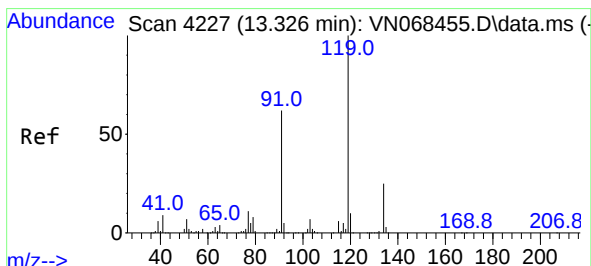
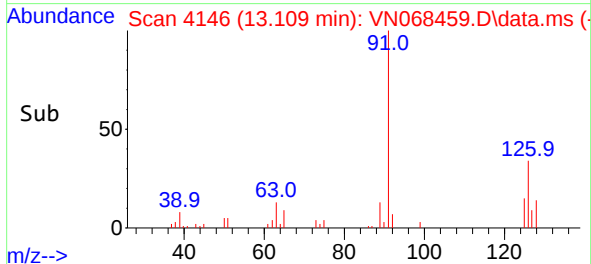
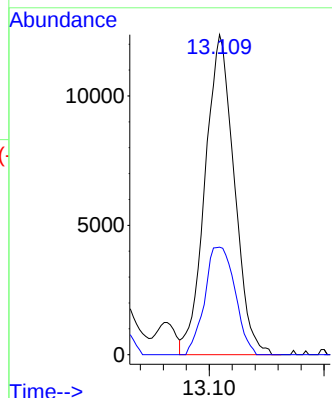
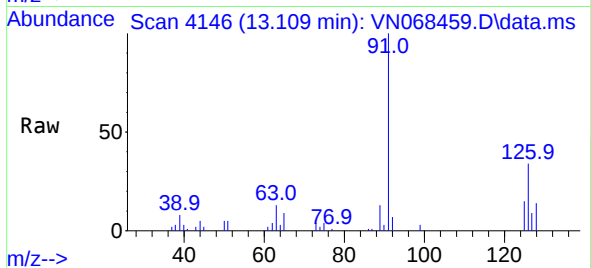
#78
4-Chlorotoluene
Concen: 1.310 ug/l m
RT: 13.109 min Scan# 4145
Delta R.T. 0.003 min
Lab File: VN068459.D
Acq: 13 Sep 2021 15:45

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion: 91 Resp: 21800
Ion Ratio Lower Upper
91 100
126 25.0 0.0 77.8

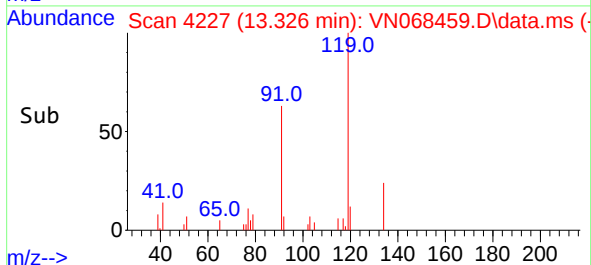
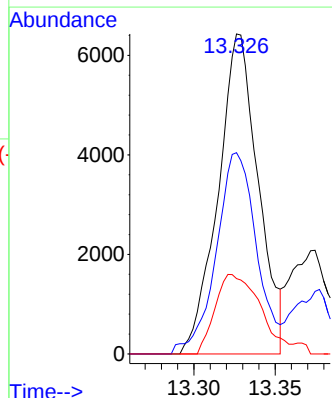
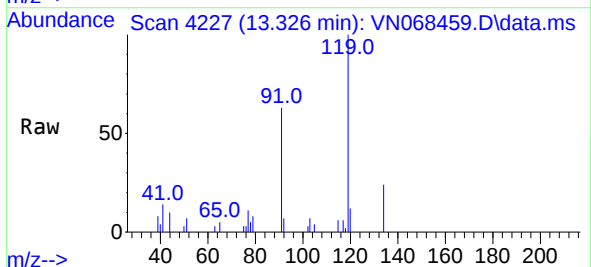
Manual Integrations
APPROVED

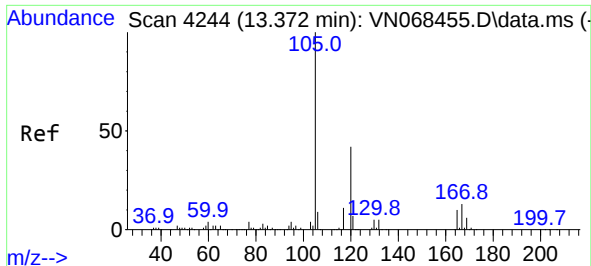
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021



#79
tert-butylbenzene
Concen: 0.539 ug/l
RT: 13.326 min Scan# 4227
Delta R.T. 0.000 min
Lab File: VN068459.D
Acq: 13 Sep 2021 15:45

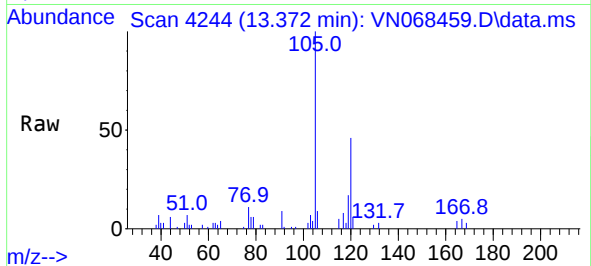
Tgt Ion:119 Resp: 11041
Ion Ratio Lower Upper
119 100
91 57.3 0.0 120.0
134 27.8 0.0 54.0





#80
1,2,4-Trimethylbenzene
Concen: 0.896 ug/l
RT: 13.372 min Scan# 4244
Delta R.T. 0.000 min
Lab File: VN068459.D
Acq: 13 Sep 2021 15:45

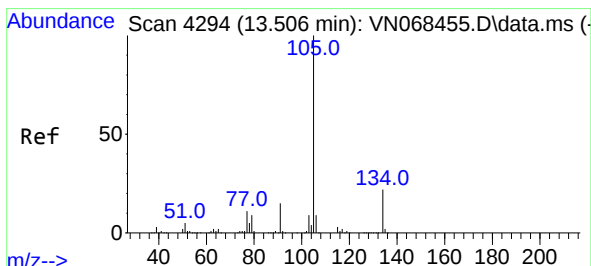
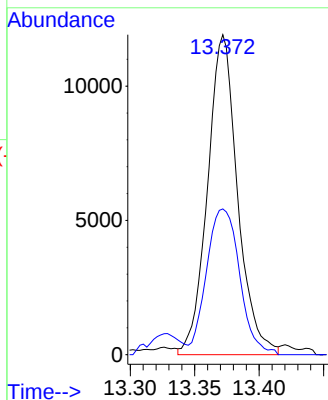
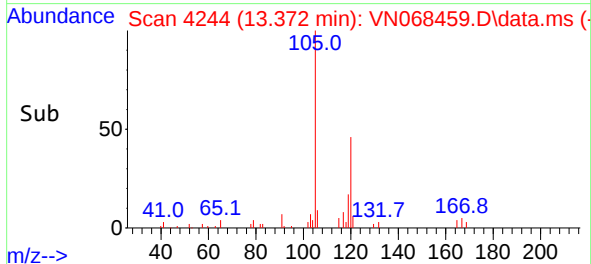
Instrument :
MSVOA_N
ClientSampleId :
IBLK



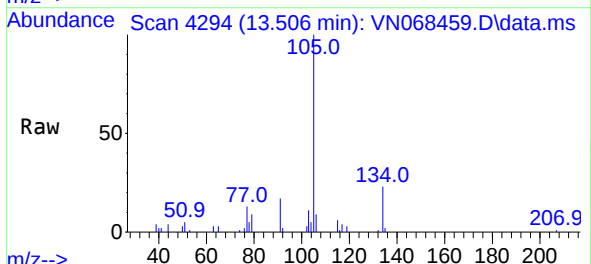
Tgt Ion:105 Resp: 19329
Ion Ratio Lower Upper
105 100
120 49.8 0.0 0.4

Manual Integrations
APPROVED

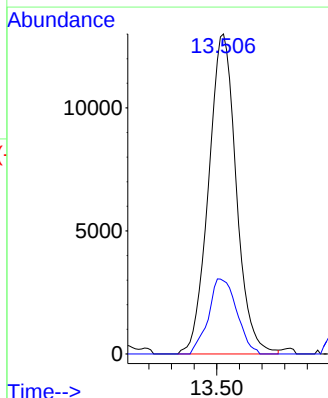
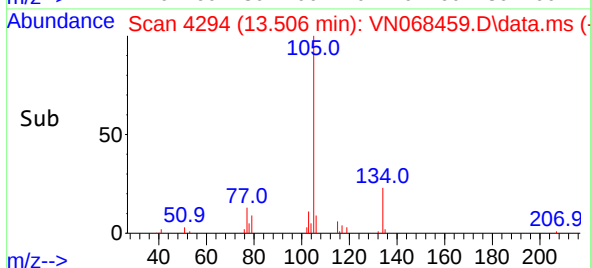
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021

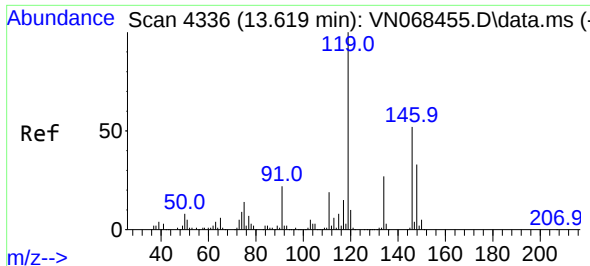


#81
sec-Butylbenzene
Concen: 0.814 ug/l
RT: 13.506 min Scan# 4294
Delta R.T. 0.000 min
Lab File: VN068459.D
Acq: 13 Sep 2021 15:45



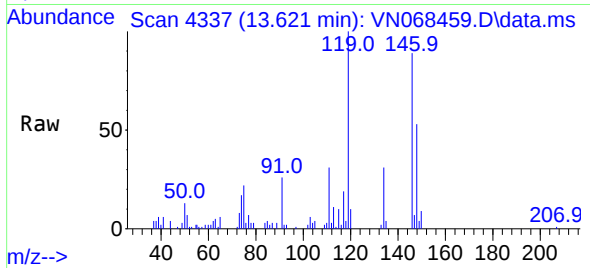
Tgt Ion:105 Resp: 22048
Ion Ratio Lower Upper
105 100
134 24.0 0.0 43.8





#82
p-Isopropyltoluene
Concen: 1.042 ug/l
RT: 13.621 min Scan# 4337
Delta R.T. 0.003 min
Lab File: VN068459.D
Acq: 13 Sep 2021 15:45

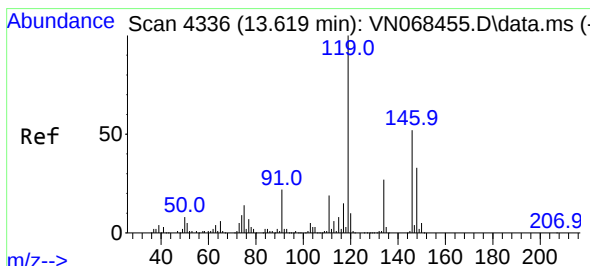
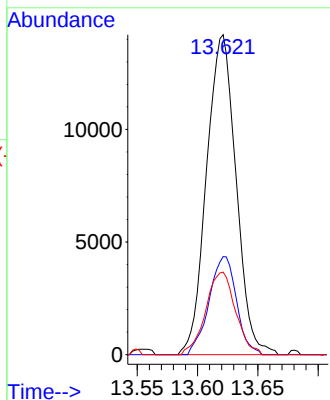
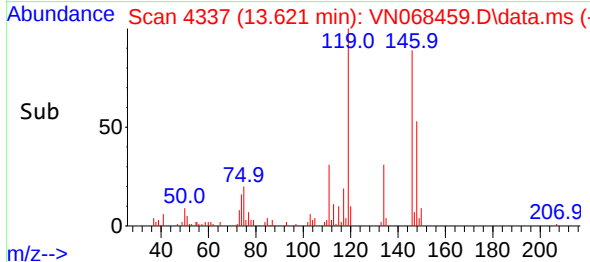
Instrument :
MSVOA_N
ClientSampleId :
IBLK



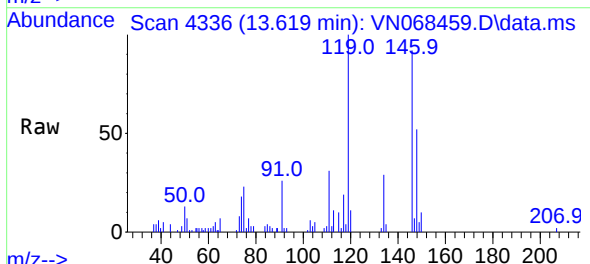
Tgt Ion:119 Resp: 24204
Ion Ratio Lower Upper
119 100
134 28.5 0.0 55.4
91 26.0 0.0 44.4

Manual Integrations
APPROVED

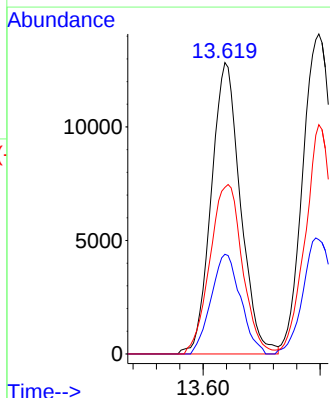
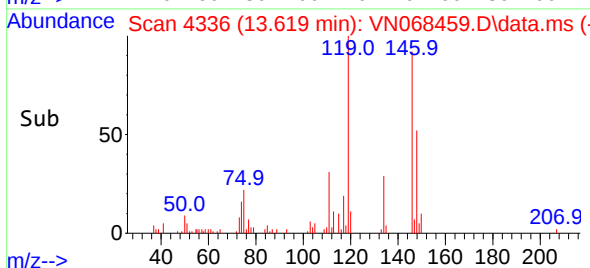
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021

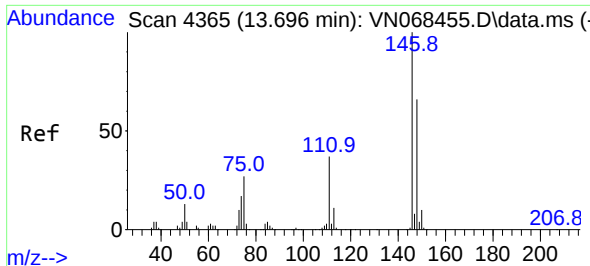


#83
1,3-Dichlorobenzene
Concen: 1.692 ug/l
RT: 13.619 min Scan# 4336
Delta R.T. 0.000 min
Lab File: VN068459.D
Acq: 13 Sep 2021 15:45



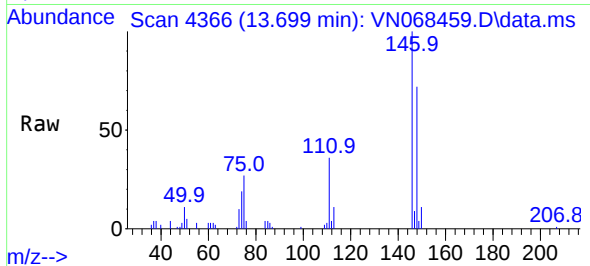
Tgt Ion:146 Resp: 22306
Ion Ratio Lower Upper
146 100
111 34.5 18.4 55.2
148 64.6 32.0 96.0





#84
1,4-Dichlorobenzene
Concen: 2.011 ug/l
RT: 13.699 min Scan# 41
Delta R.T. 0.003 min
Lab File: VN068459.D
Acq: 13 Sep 2021 15:45

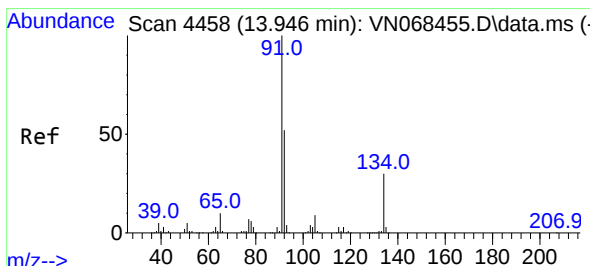
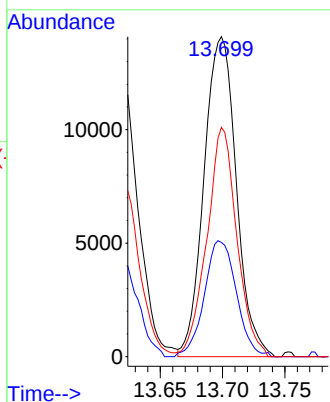
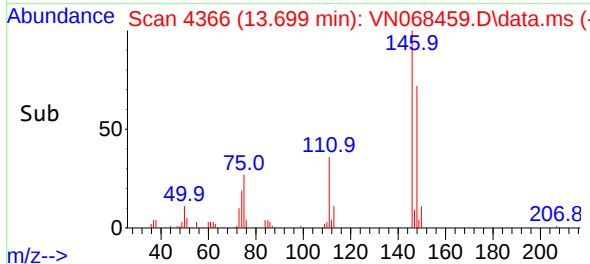
Instrument :
MSVOA_N
ClientSampleId :
IBLK



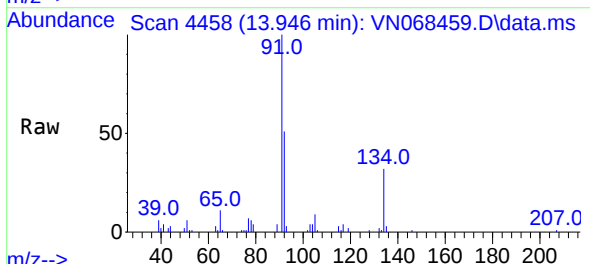
Tgt Ion:146 Resp: 2539
Ion Ratio Lower Upper
146 100
111 35.8 18.2 54.6
148 66.7 32.6 97.7

Manual Integrations
APPROVED

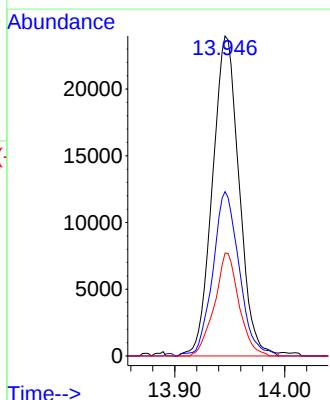
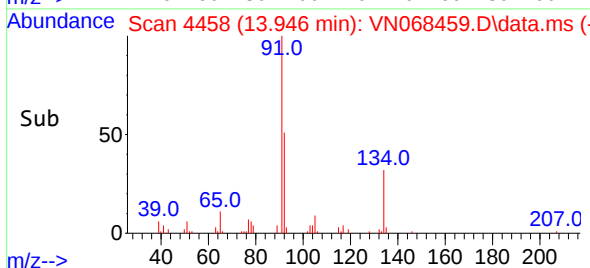
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021

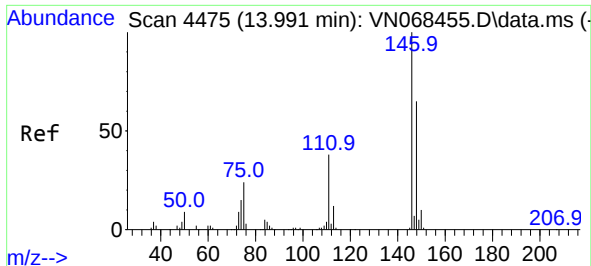


#85
n-Butylbenzene
Concen: 2.439 ug/l
RT: 13.946 min Scan# 4458
Delta R.T. 0.000 min
Lab File: VN068459.D
Acq: 13 Sep 2021 15:45



Tgt Ion: 91 Resp: 40308
Ion Ratio Lower Upper
91 100
92 51.0 0.0 102.4
134 29.6 0.0 58.8





#87

1,2-Dichlorobenzene

Concen: 1.855 ug/l

RT: 13.991 min Scan# 4475

Delta R.T. 0.000 min

Lab File: VN068459.D

Acq: 13 Sep 2021 15:45

Instrument :

MSVOA_N

ClientSampleId :

IBLK

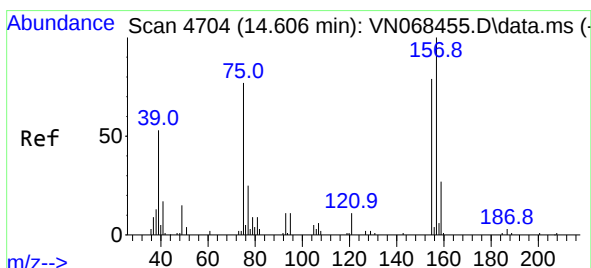
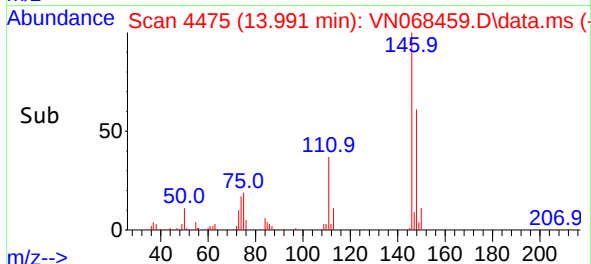
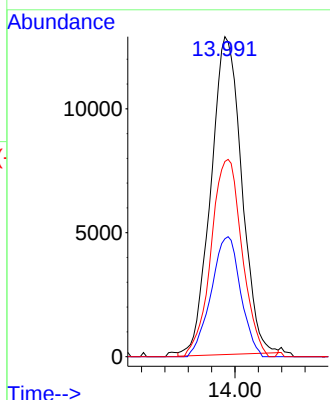
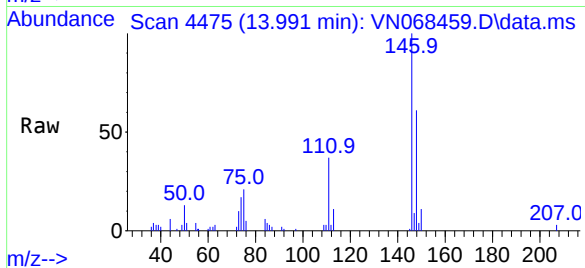
Tgt Ion:	146	Resp:	2349
Ion	Ratio	Lower	Upper
146	100		
111	36.0	18.6	56.0
148	62.4	31.9	95.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2021

Supervised By :Mahesh Dadoda 09/14/2021



#88

1,2-Dibromo-3-Chloropropane

Concen: 4.117 ug/l

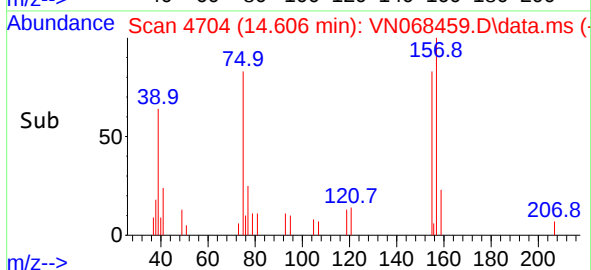
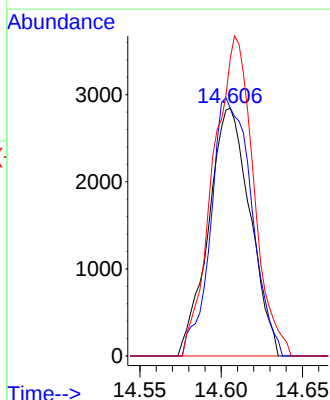
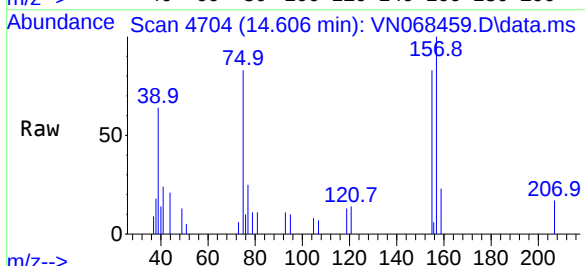
RT: 14.606 min Scan# 4704

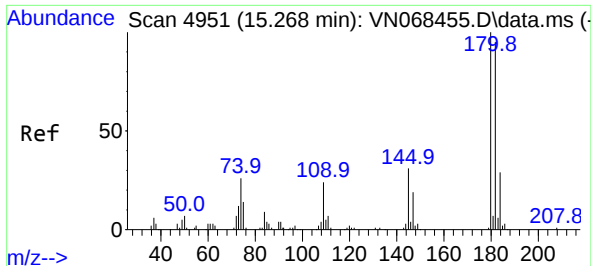
Delta R.T. 0.000 min

Lab File: VN068459.D

Acq: 13 Sep 2021 15:45

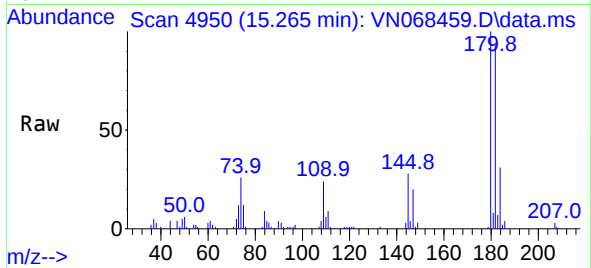
Tgt Ion:	75	Resp:	5062
Ion	Ratio	Lower	Upper
75	100		
155	101.6	83.3	124.9
157	125.4	104.9	157.3





#89
 1,2,4-Trichlorobenzene
 Concen: 7.539 ug/l
 RT: 15.265 min Scan# 4950
 Delta R.T. -0.003 min
 Lab File: VN068459.D
 Acq: 13 Sep 2021 15:45

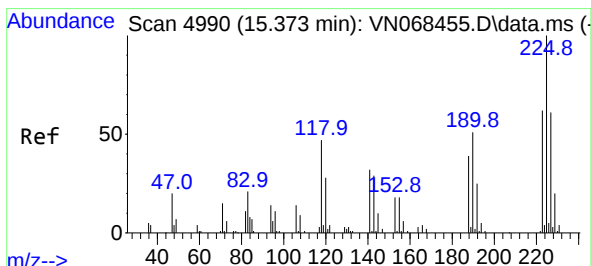
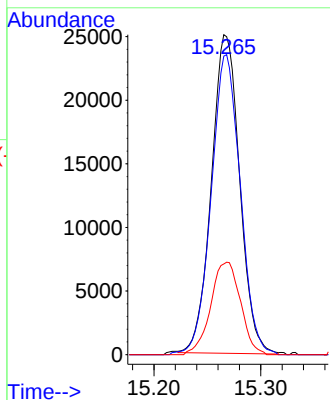
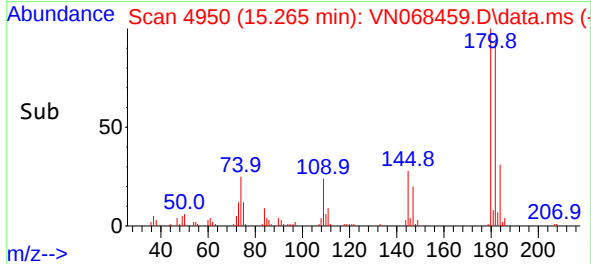
Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK



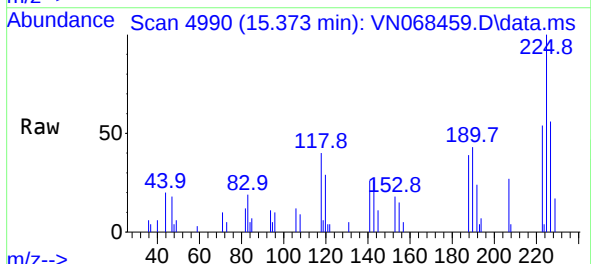
Tgt Ion:180 Resp: 46139
 Ion Ratio Lower Upper
 180 100
 182 96.9 77.0 115.4
 145 30.5 24.6 36.8

Manual Integrations
 APPROVED

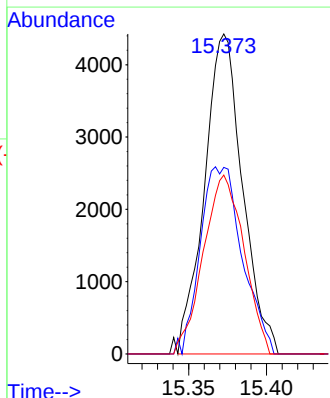
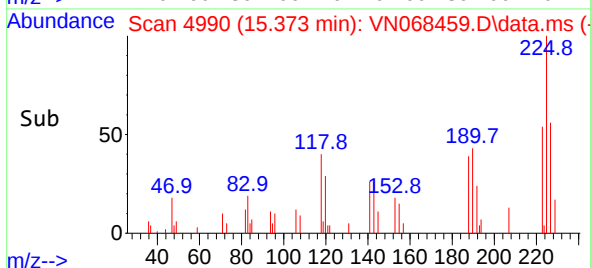
Reviewed By :John Carlone 09/14/2021
 Supervised By :Mahesh Dadoda 09/14/2021

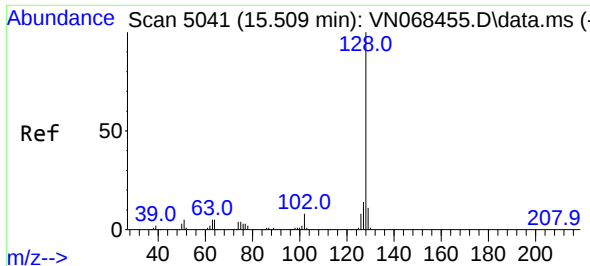


#90
 Hexachlorobutadiene
 Concen: 1.943 ug/l
 RT: 15.373 min Scan# 4990
 Delta R.T. 0.000 min
 Lab File: VN068459.D
 Acq: 13 Sep 2021 15:45



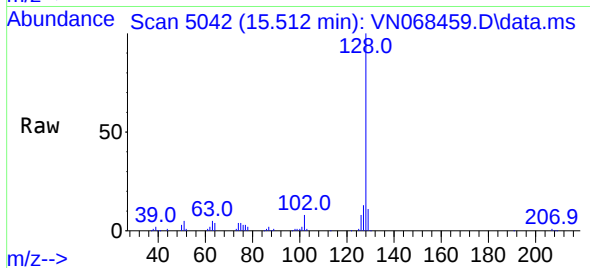
Tgt Ion:225 Resp: 7521
 Ion Ratio Lower Upper
 225 100
 223 31.9 0.0 128.4
 227 59.5 0.0 127.8





#91
Naphthalene
Concen: 14.714 ug/l
RT: 15.512 min Scan# 5042
Delta R.T. 0.003 min
Lab File: VN068459.D
Acq: 13 Sep 2021 15:45

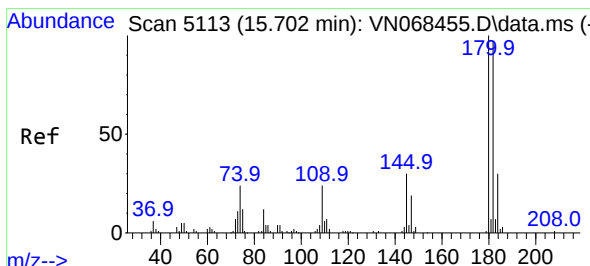
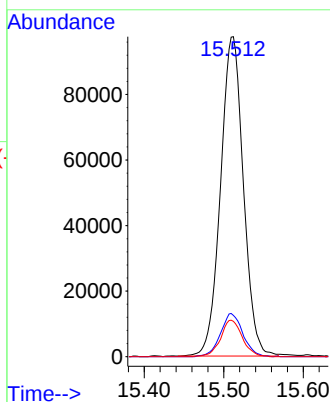
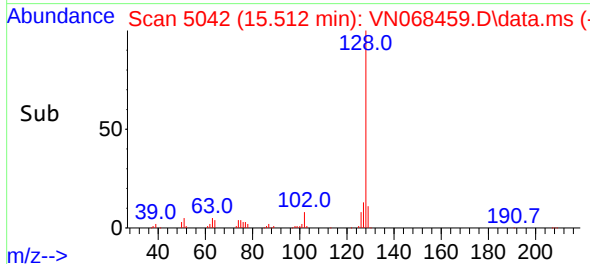
Instrument :
MSVOA_N
ClientSampleId :
IBLK



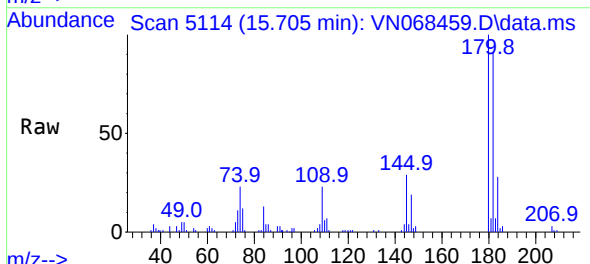
Tgt Ion:128 Resp: 194252
Ion Ratio Lower Upper
128 100
127 13.4 10.6 15.8
129 10.9 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021



#92
1,2,3-Trichlorobenzene
Concen: 10.976 ug/l
RT: 15.705 min Scan# 5114
Delta R.T. 0.003 min
Lab File: VN068459.D
Acq: 13 Sep 2021 15:45



Tgt Ion:180 Resp: 63254
Ion Ratio Lower Upper
180 100
182 94.5 0.0 191.2
145 29.9 0.0 61.8

