

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091321\
 Data File : VN068463.D
 Acq On : 13 Sep 2021 17:52
 Operator : JC/MD
 Sample : VN0913WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0913WBSD01

Manual Integrations
 APPROVED

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

Quant Time: Sep 14 04:28:34 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	7.659	128	93578	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.971	114	482578	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.746	117	444154	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.440	65	171558	31.043	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 103.467%	
60) 4-Bromofluorobenzene	12.733	95	192363	30.386	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 101.300%	
63) Toluene-d8	10.443	98	588371	30.451	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 101.500%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.073	85	76861	18.033	ug/l	98
3) Chloromethane	2.303	50	75691	18.358	ug/l	99
4) Vinyl Chloride	2.443	62	118035	18.063	ug/l	100
5) Bromomethane	2.861	94	123457	19.020	ug/l	98
6) Chloroethane	3.019	64	86942	18.641	ug/l	98
7) Trichlorofluoromethane	3.373	101	144961	17.996	ug/l	98
8) Diethyl Ether	3.827	74	47045	18.517	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.213	101	83797	18.264	ug/l	99
10) 1,1-Dichloroethene	4.186	96	74870	17.557	ug/l	99
11) Methyl Iodide	4.425	142	112745	17.028	ug/l	98
12) Methyl Acetate	4.856	43	84102	18.964	ug/l	97
13) Acrolein	4.047	56	30875	86.551	ug/l	98
14) Acrylonitrile	5.556	53	172758	89.878	ug/l	98
15) Acetone	4.291	58	47671	91.006	ug/l	92
16) Carbon Disulfide	4.535	76	188536	17.131	ug/l	98
17) Allyl chloride	4.843	41	97966	18.398	ug/l	99
18) Methylene Chloride	5.101	84	92757	18.171	ug/l	94
19) trans-1,2-Dichloroethene	5.599	96	82774	17.324	ug/l	96
20) Diisopropyl ether	6.498	45	226880	19.209	ug/l	97
21) 1,1-Dichloroethane	6.388	63	144202	18.370	ug/l	99
22) cis-1,2-Dichloroethene	7.329	96	104738	18.231	ug/l	97
23) tert-Butyl Alcohol	5.369	59	71667	92.263	ug/l #	100
24) Methyl tert-Butyl Ether	5.615	73	271324	18.685	ug/l	100
25) Chloroform	7.820	83	174010	18.523	ug/l	99
26) Cyclohexane	8.099	56	116273	17.520	ug/l #	99
29) 1,1-Dichloropropene	8.225	75	116104	17.951	ug/l	99
30) 2-Butanone	7.335	43	228862	92.707	ug/l #	98
31) 2,2-Dichloropropane	7.327	77	133201	17.895	ug/l	98
32) 1,1,1-Trichloroethane	8.019	97	157318	17.911	ug/l	98
33) Carbon Tetrachloride	8.209	117	143356	17.461	ug/l	99
34) Benzene	8.464	78	359835	18.243	ug/l	97
35) Methacrylonitrile	7.638	41	46982	19.733	ug/l	97
36) 1,2-Dichloroethane	8.531	62	127732	19.234	ug/l #	91
37) Trichloroethene	9.217	130	111126	17.582	ug/l	99
38) Methylcyclohexane	9.461	83	150323	18.081	ug/l	99
39) 1,2-Dichloropropane	9.491	63	85948	18.515	ug/l	99
40) Dibromomethane	9.577	93	71485	18.743	ug/l	99
41) Bromodichloromethane	9.762	83	137794	18.694	ug/l	94
42) Vinyl Acetate	6.436	43	853523	93.839	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.412	43	105481m	20.258	ug/l	
44) Isopropyl Acetate	8.563	43	169250	18.990	ug/l	100
45) 1,4-Dioxane	9.571	88	35043	388.845	ug/l #	86
46) Methyl methacrylate	9.561	41	67616	18.756	ug/l	97
47) n-amyl Acetate	12.393	43	112883	18.038	ug/l	97
48) t-1,3-Dichloropropene	10.722	75	135361	18.138	ug/l	97
49) cis-1,3-Dichloropropene	10.191	75	143900	17.941	ug/l	99
50) 1,1,2-Trichloroethane	10.899	97	102597	18.614	ug/l	97
51) Ethyl methacrylate	10.762	69	129510	18.301	ug/l	96
52) 1,3-Dichloropropane	11.046	76	152938	18.659	ug/l	99
53) Dibromochloromethane	11.240	129	123195	18.177	ug/l	100
54) 1,2-Dibromoethane	11.350	107	107335	18.158	ug/l	97
55) 2-Chloroethyl vinyl ether	10.043	63	92381	77.116	ug/l	99
56) Bromoform	12.460	173	90812	16.683	ug/l #	99
58) 4-Methyl-2-Pentanone	10.333	43	496923	95.042	ug/l	100
59) 2-Hexanone	11.087	43	341758	94.314	ug/l	100
61) Tetrachloroethene	10.979	164	116221	18.199	ug/l	99
62) Toluene	10.507	91	421979	18.051	ug/l	99
64) Chlorobenzene	11.773	112	278599	18.070	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.843	131	113360	18.016	ug/l	100
66) Ethyl Benzene	11.848	91	452587	17.814	ug/l	100
67) m/p-Xylenes	11.956	106	383261	36.598	ug/l	99
68) o-Xylene	12.283	106	185841	17.974	ug/l	100
69) Styrene	12.296	104	292118	17.817	ug/l	98
70) Isopropylbenzene	12.581	105	471813	17.972	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.830	83	134402	18.808	ug/l	98
72) 1,2,3-Trichloropropane	12.884	75	107989m	18.153	ug/l	
73) Bromobenzene	12.862	156	130797	17.551	ug/l	98
74) n-propylbenzene	12.924	91	508521	17.962	ug/l	100
75) 2-Chlorotoluene	13.010	91	313310	18.388	ug/l	99
76) 1,3,5-Trimethylbenzene	13.063	105	397503	18.136	ug/l	99
77) t-1,4-Dichloro-2-butene	12.629	75	33608	17.121	ug/l	97
78) 4-Chlorotoluene	13.106	91	304858	18.644	ug/l	100
79) tert-butylbenzene	13.326	119	369837	18.367	ug/l	97
80) 1,2,4-Trimethylbenzene	13.372	105	389951m	18.390	ug/l	
81) sec-Butylbenzene	13.506	105	476478	17.901	ug/l	99
82) p-Isopropyltoluene	13.618	119	403940	17.693	ug/l	99
83) 1,3-Dichlorobenzene	13.618	146	234905	18.134	ug/l	99
84) 1,4-Dichlorobenzene	13.696	146	223935	18.046	ug/l	98
85) n-Butylbenzene	13.946	91	276540	17.030	ug/l	99
86) Hexachloroethane	14.214	117	73200	17.455	ug/l	99
87) 1,2-Dichlorobenzene	13.991	146	226117	18.165	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.605	75	22326	18.477	ug/l	98
89) 1,2,4-Trichlorobenzene	15.268	180	98346	16.352	ug/l	99
90) Hexachlorobutadiene	15.373	225	64765	17.026	ug/l	98
91) Naphthalene	15.509	128	215019	16.573	ug/l	99
92) 1,2,3-Trichlorobenzene	15.702	180	93991	16.594	ug/l	99

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

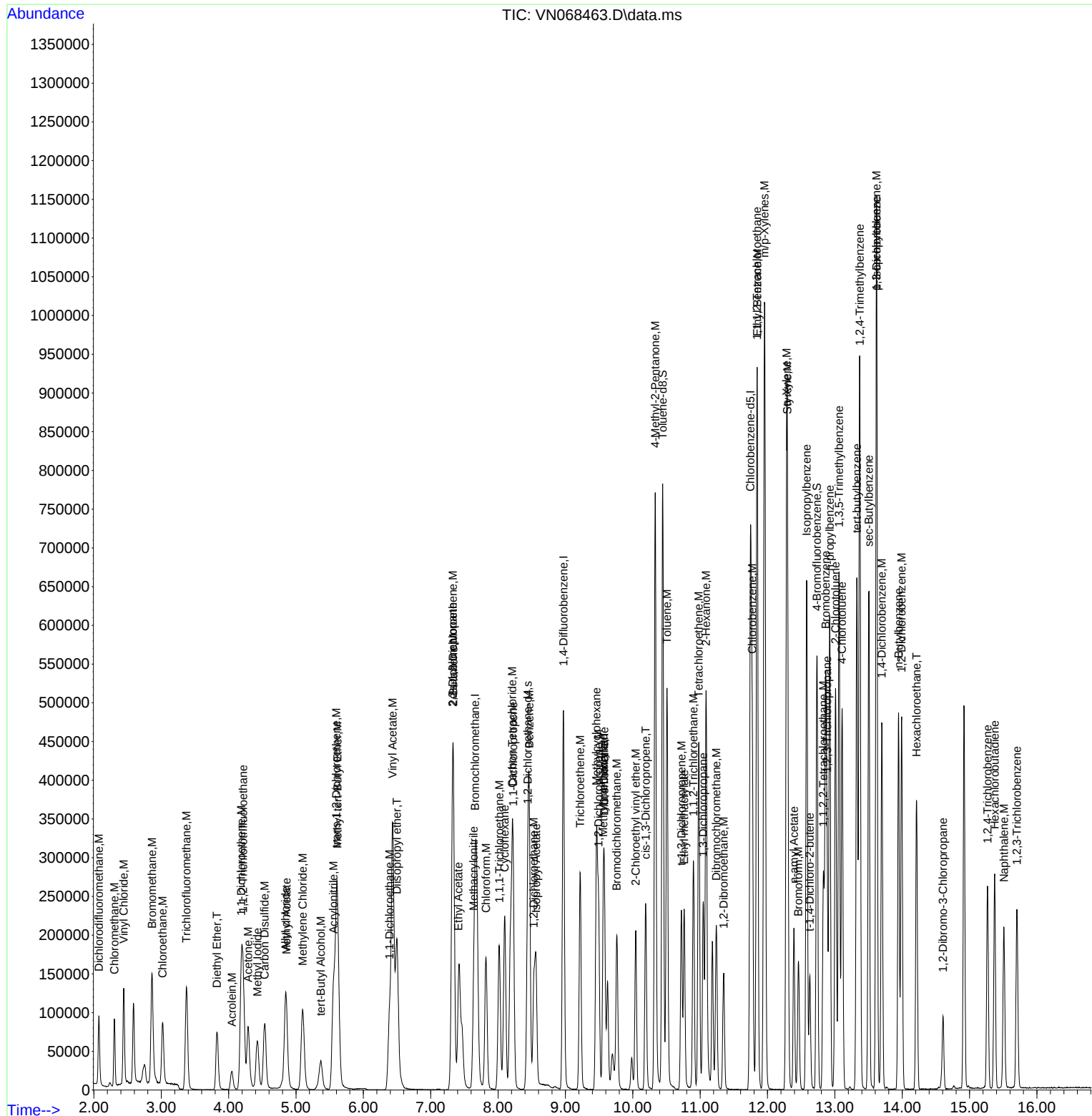
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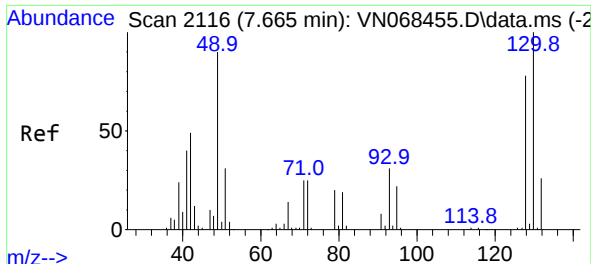
Instrument :
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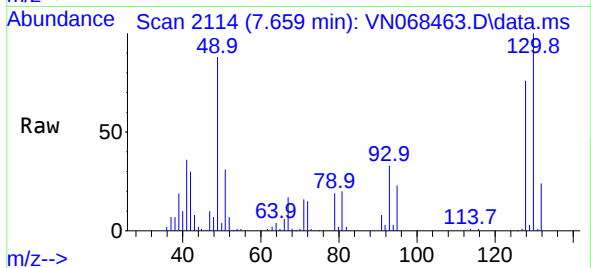
Quant Time: Sep 14 04:28:34 2021
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#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.659 min Scan# 2116
Delta R.T. -0.006 min
Lab File: VN068463.D
Acq: 13 Sep 2021 17:52

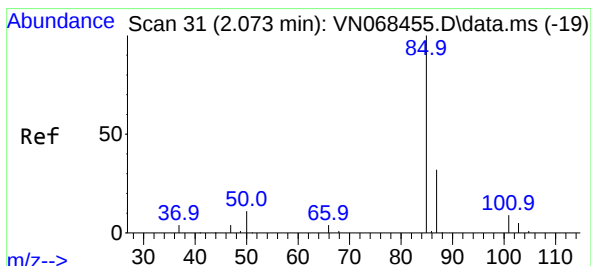
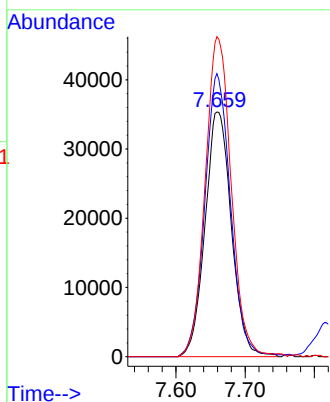
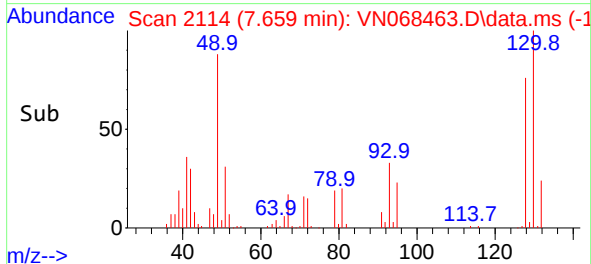
Instrument :
MSVOA_N
ClientSampleId :
VN0913WBSD01



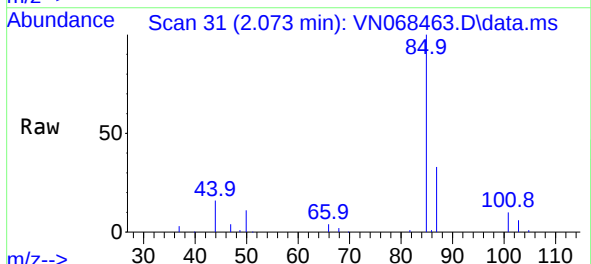
Tgt Ion:128 Resp: 93578
Ion Ratio Lower Upper
128 100
49 112.6 0.0 292.5
130 128.9 0.0 325.0

Manual Integrations
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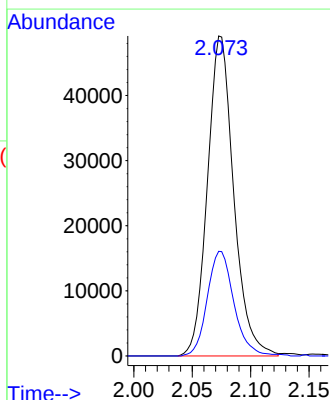
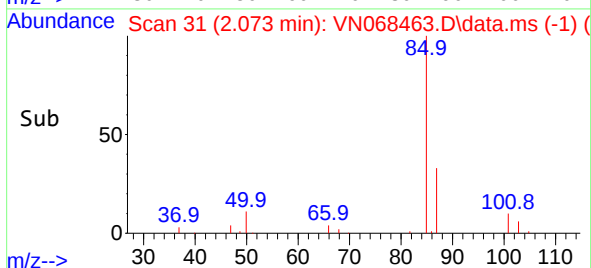
Reviewed By :John Carlone 09/14/2021
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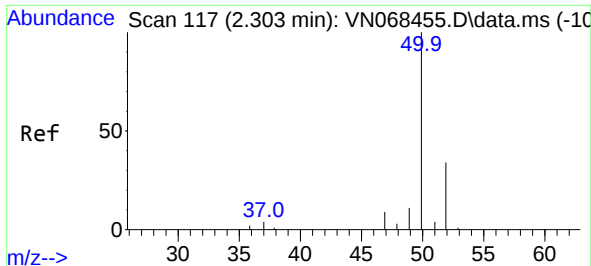


#2
Dichlorodifluoromethane
Concen: 18.033 ug/l
RT: 2.073 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN068463.D
Acq: 13 Sep 2021 17:52



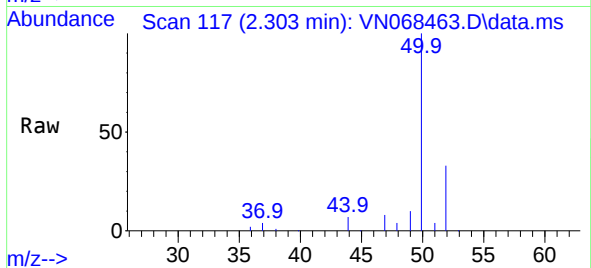
Tgt Ion: 85 Resp: 76861
Ion Ratio Lower Upper
85 100
87 32.7 15.8 47.3





#3
Chloromethane
Concen: 18.358 ug/l
RT: 2.303 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN068463.D
Acq: 13 Sep 2021 17:52

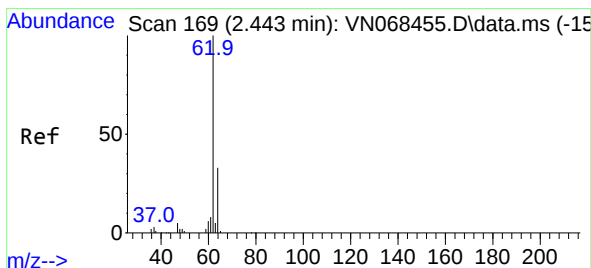
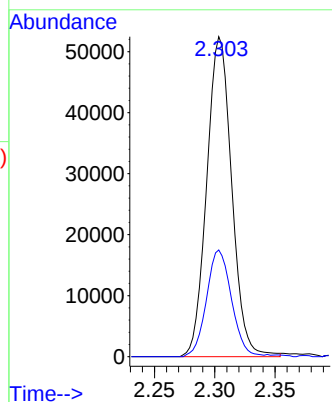
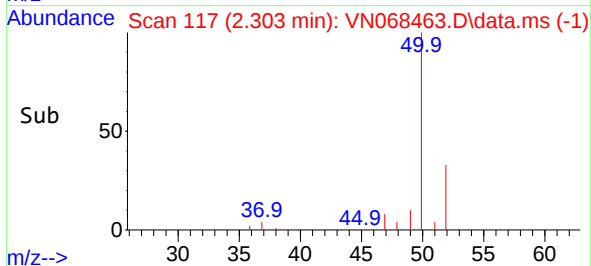
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Tgt Ion: 50 Resp: 7569
Ion Ratio Lower Upper
50 100
52 33.3 27.0 40.4

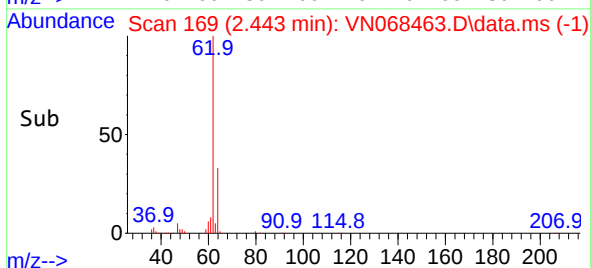
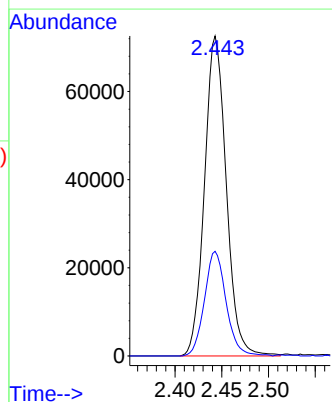
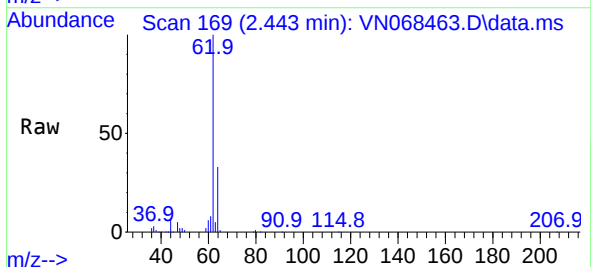
Manual Integrations
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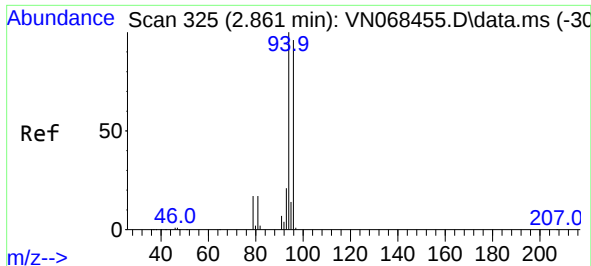
Reviewed By :John Carlone 09/14/2021
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#4
Vinyl Chloride
Concen: 18.063 ug/l
RT: 2.443 min Scan# 169
Delta R.T. -0.000 min
Lab File: VN068463.D
Acq: 13 Sep 2021 17:52

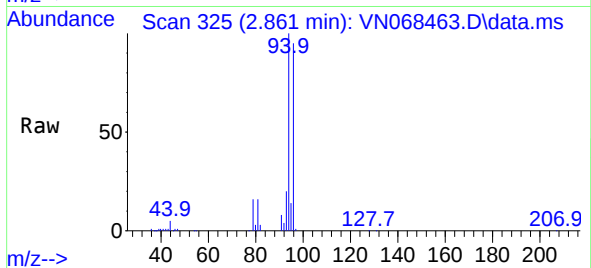
Tgt Ion: 62 Resp: 118035
Ion Ratio Lower Upper
62 100
64 32.7 26.1 39.1





#5
Bromomethane
Concen: 19.020 ug/l
RT: 2.861 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN068463.D
Acq: 13 Sep 2021 17:52

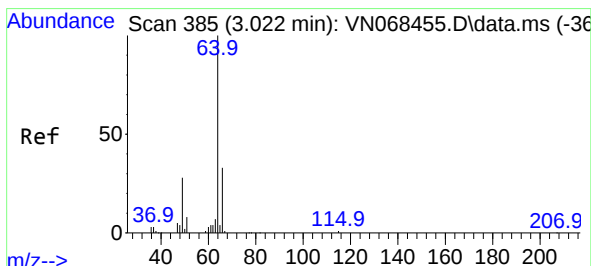
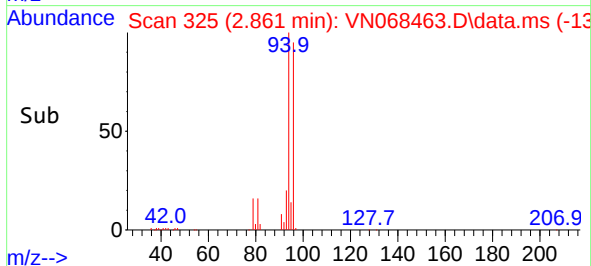
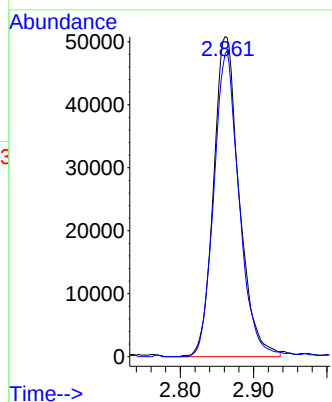
Instrument :
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Tgt Ion: 94 Resp: 12345
Ion Ratio Lower Upper
94 100
96 94.7 77.0 115.4

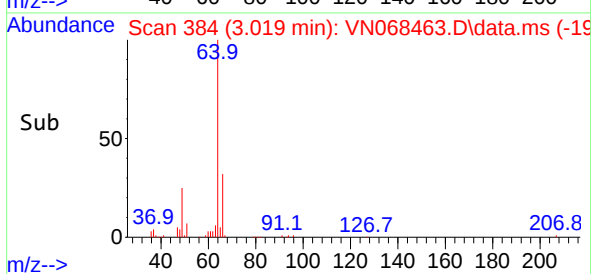
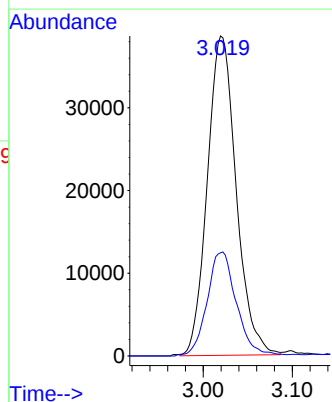
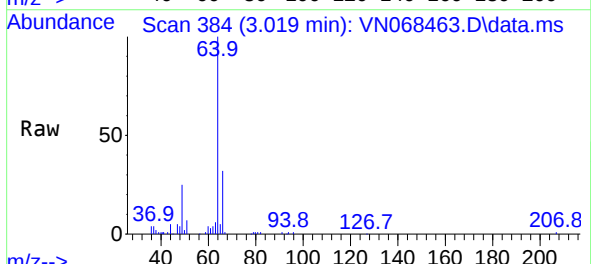
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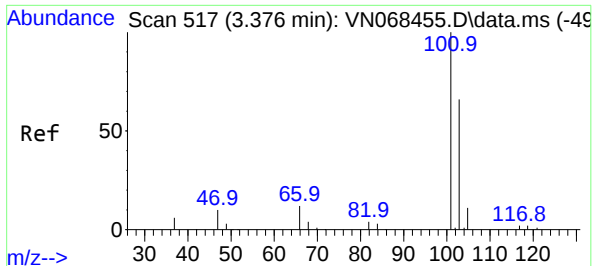
Reviewed By :John Carlone 09/14/2021
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#6
Chloroethane
Concen: 18.641 ug/l
RT: 3.019 min Scan# 384
Delta R.T. -0.003 min
Lab File: VN068463.D
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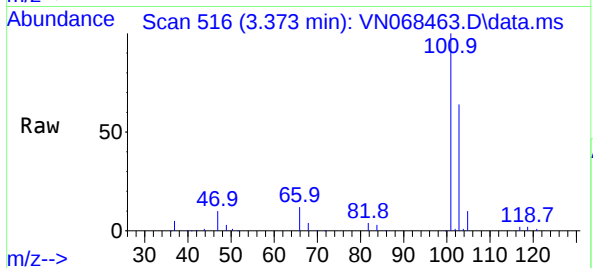
Tgt Ion: 64 Resp: 86942
Ion Ratio Lower Upper
64 100
66 31.9 26.3 39.5





#7
 Trichlorofluoromethane
 Concen: 17.996 ug/l
 RT: 3.373 min Scan# 517
 Delta R.T. -0.003 min
 Lab File: VN068463.D
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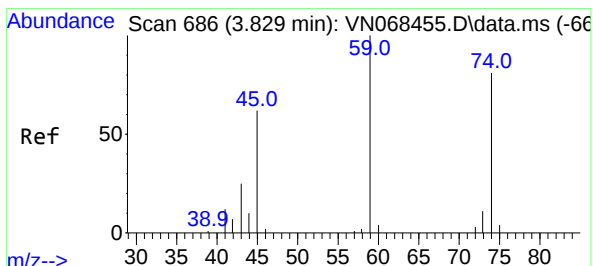
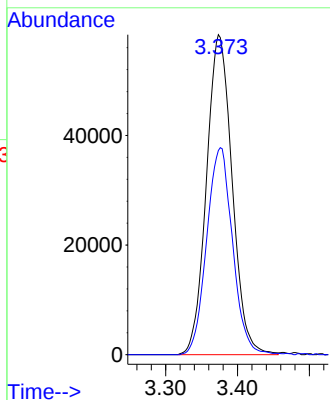
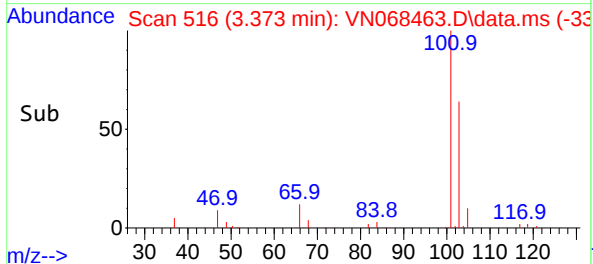
Instrument :
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Tgt Ion:101 Resp: 14496
 Ion Ratio Lower Upper
 101 100
 103 63.8 52.4 78.6

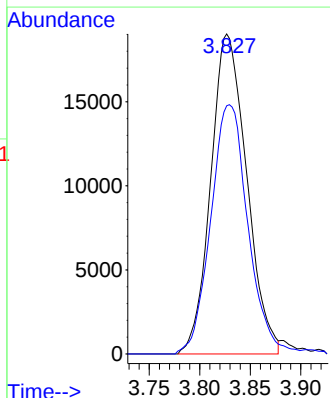
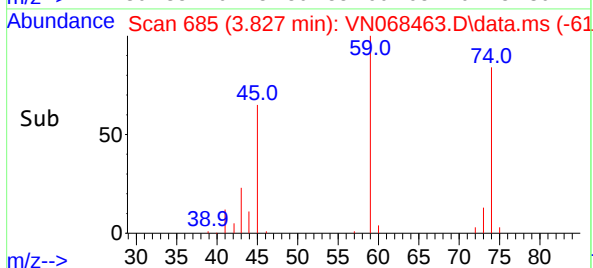
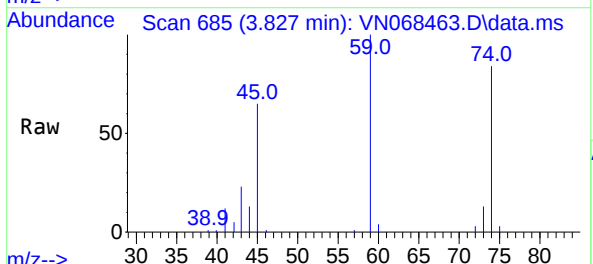
Manual Integrations
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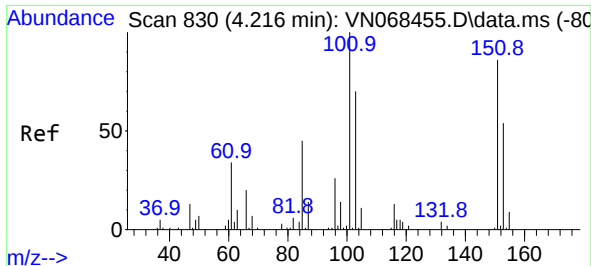
Reviewed By :John Carlone 09/14/2021
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#8
 Diethyl Ether
 Concen: 18.517 ug/l
 RT: 3.827 min Scan# 685
 Delta R.T. -0.003 min
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Tgt Ion: 74 Resp: 47045
 Ion Ratio Lower Upper
 74 100
 45 80.6 16.2 146.0





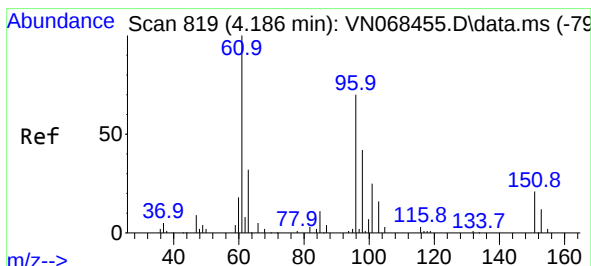
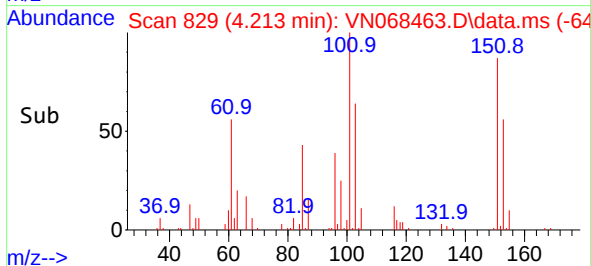
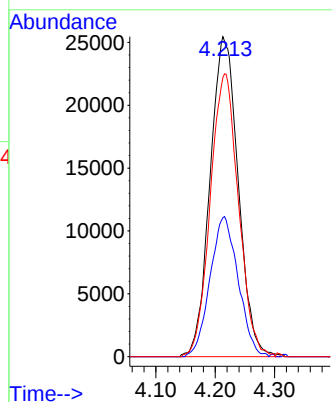
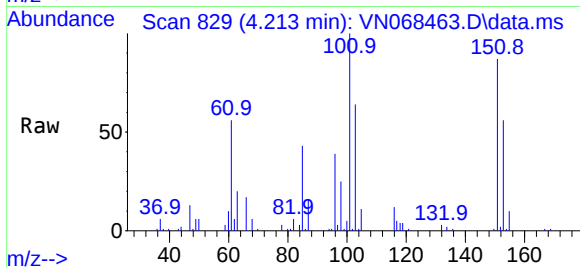
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.264 ug/l
RT: 4.213 min Scan# 81
Delta R.T. -0.003 min
Lab File: VN068463.D
Acq: 13 Sep 2021 17:52

Instrument :
MSVOA_N
ClientSampleId :
VN0913WBSD01

Tgt Ion:101 Resp: 8379
Ion Ratio Lower Upper
101 100
85 43.7 0.0 89.2
151 88.2 0.0 176.4

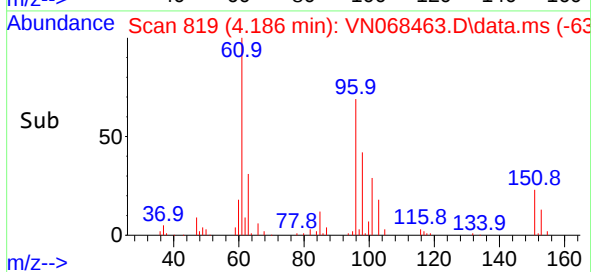
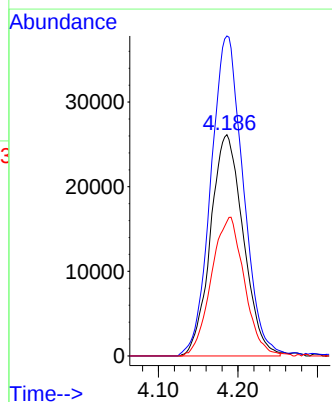
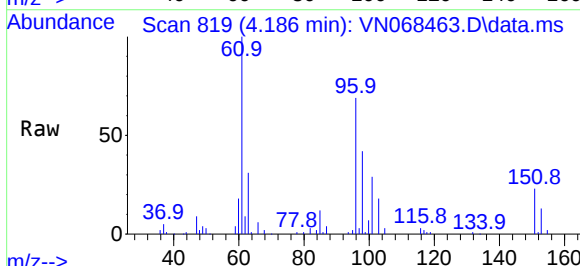
Manual Integrations
APPROVED

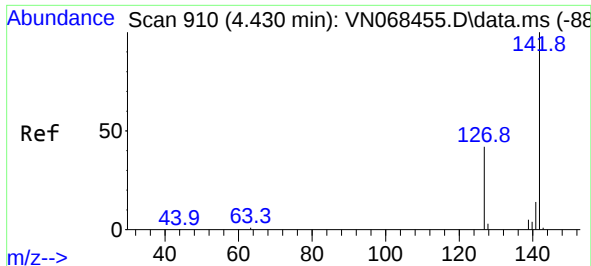
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021



#10
1,1-Dichloroethene
Concen: 17.557 ug/l
RT: 4.186 min Scan# 819
Delta R.T. -0.000 min
Lab File: VN068463.D
Acq: 13 Sep 2021 17:52

Tgt Ion: 96 Resp: 74870
Ion Ratio Lower Upper
96 100
61 143.7 114.1 171.1
98 60.8 48.3 72.5





#11

Methyl Iodide

Concen: 17.028 ug/l

RT: 4.425 min Scan# 90

Delta R.T. -0.005 min

Lab File: VN068463.D

Acq: 13 Sep 2021 17:52

Instrument :

MSVOA_N

ClientSampleId :

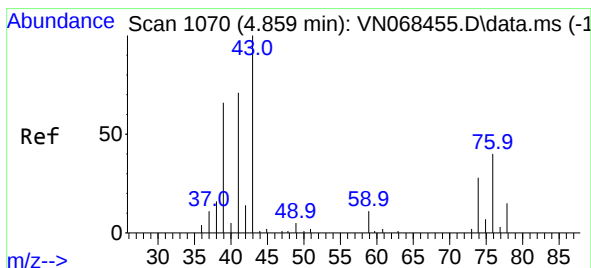
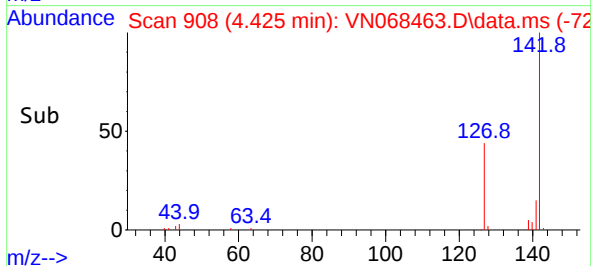
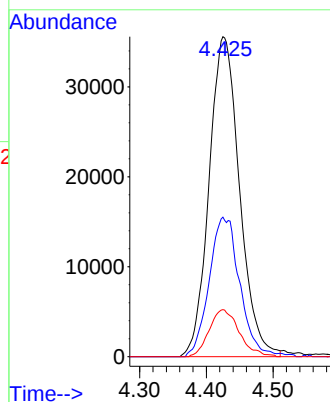
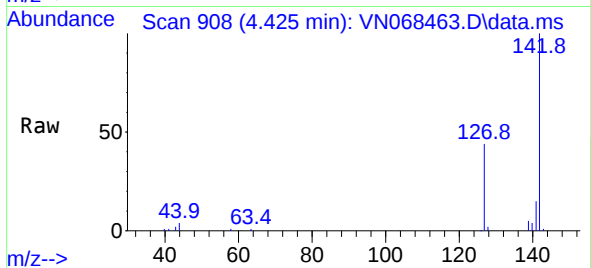
VN0913WBSD01

Tgt Ion:142 Resp: 112745
 Ion Ratio Lower Upper
 142 100
 127 43.5 20.9 62.8
 141 13.9 6.8 20.3

Manual Integrations

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



#12

Methyl Acetate

Concen: 18.964 ug/l

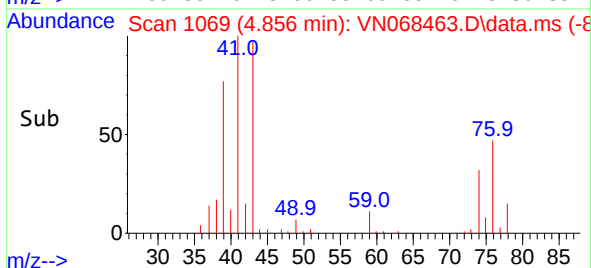
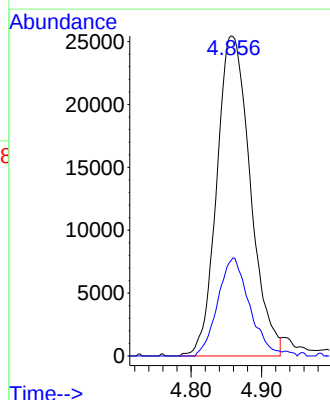
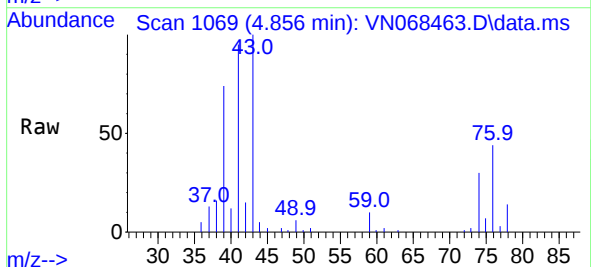
RT: 4.856 min Scan# 1069

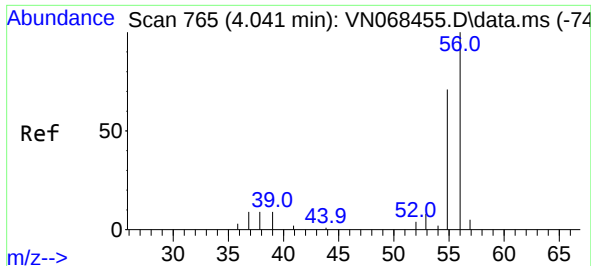
Delta R.T. -0.003 min

Lab File: VN068463.D

Acq: 13 Sep 2021 17:52

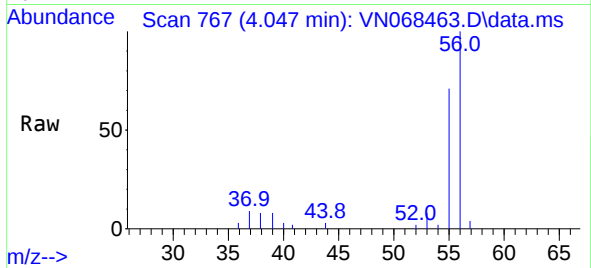
Tgt Ion: 43 Resp: 84102
 Ion Ratio Lower Upper
 43 100
 74 29.9 22.6 34.0





#13
Acrolein
Concen: 86.551 ug/l
RT: 4.047 min Scan# 70
Delta R.T. 0.005 min
Lab File: VN068463.D
Acq: 13 Sep 2021 17:52

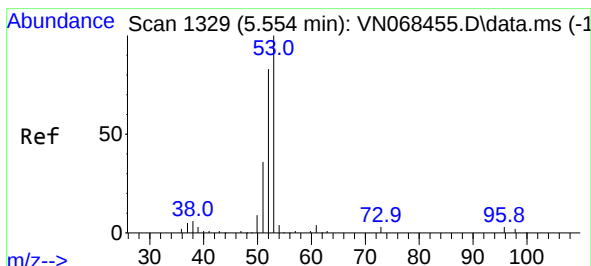
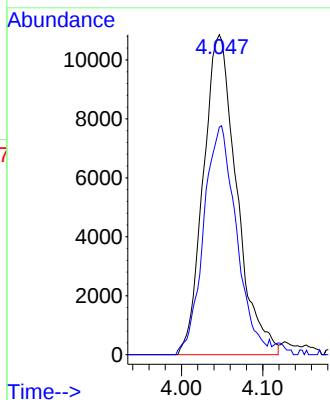
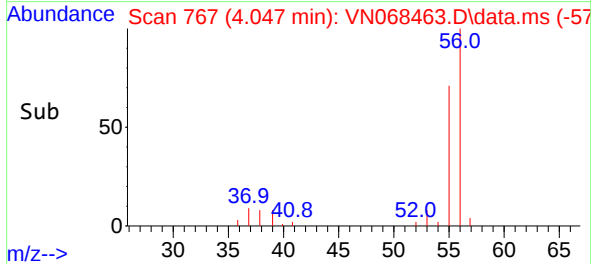
Instrument :
MSVOA_N
ClientSampleId :
VN0913WBSD01



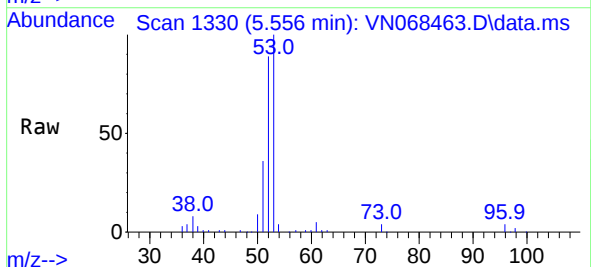
Tgt Ion: 56 Resp: 3087
Ion Ratio Lower Upper
56 100
55 70.2 57.2 85.8

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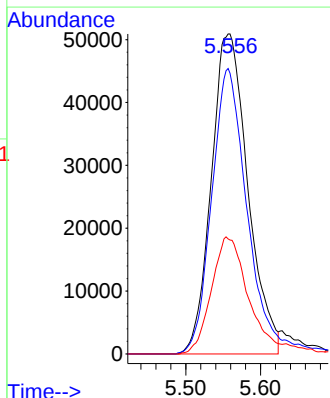
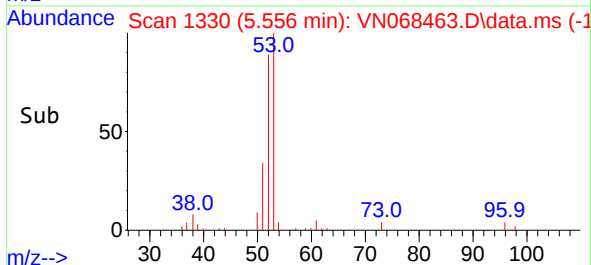
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021

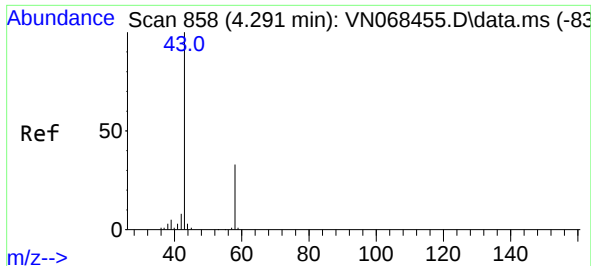


#14
Acrylonitrile
Concen: 89.878 ug/l
RT: 5.556 min Scan# 1330
Delta R.T. 0.003 min
Lab File: VN068463.D
Acq: 13 Sep 2021 17:52



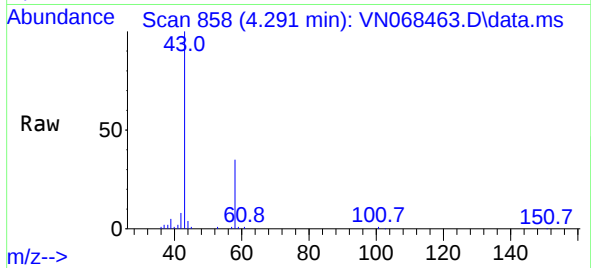
Tgt Ion: 53 Resp: 172758
Ion Ratio Lower Upper
53 100
52 85.1 41.5 124.5
51 36.7 17.9 53.7





#15
Acetone
Concen: 91.006 ug/l
RT: 4.291 min Scan# 858
Delta R.T. -0.000 min
Lab File: VN068463.D
Acq: 13 Sep 2021 17:52

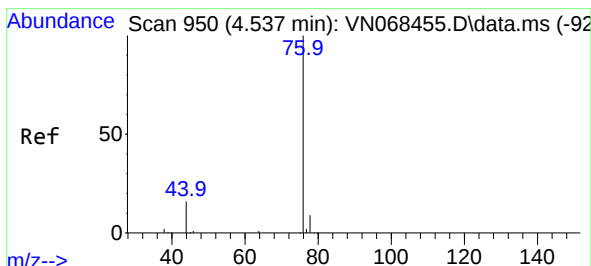
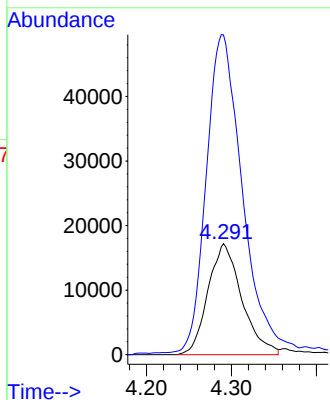
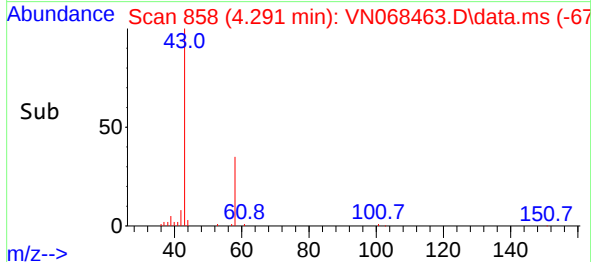
Instrument :
MSVOA_N
ClientSampleId :
VN0913WBSD01



Tgt Ion: 58 Resp: 4767
Ion Ratio Lower Upper
58 100
43 284.8 239.9 359.9

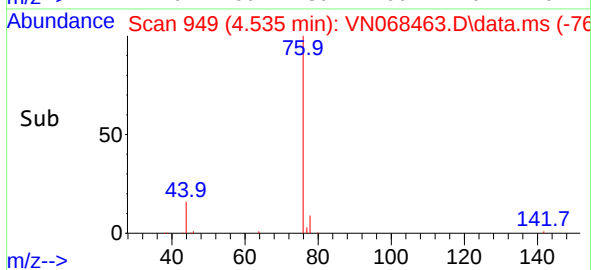
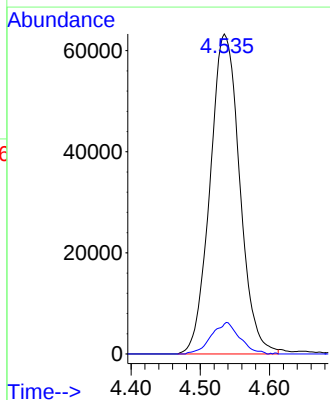
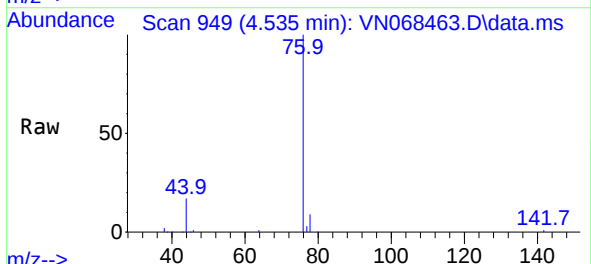
Manual Integrations
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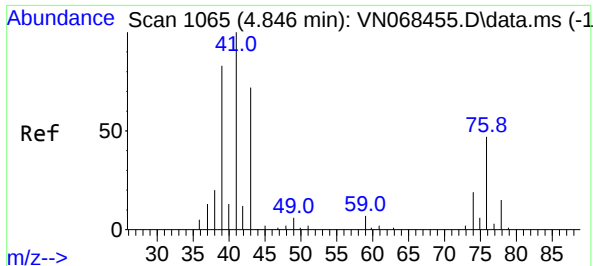
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021



#16
Carbon Disulfide
Concen: 17.131 ug/l
RT: 4.535 min Scan# 949
Delta R.T. -0.003 min
Lab File: VN068463.D
Acq: 13 Sep 2021 17:52

Tgt Ion: 76 Resp: 188536
Ion Ratio Lower Upper
76 100
78 9.4 6.9 10.3





#17

Allyl chloride

Concen: 18.398 ug/l

RT: 4.843 min Scan# 1065

Delta R.T. -0.003 min

Lab File: VN068463.D

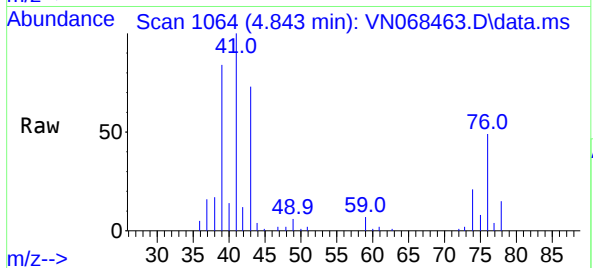
Acq: 13 Sep 2021 17:52

Instrument :

MSVOA_N

ClientSampleId :

VN0913WBSD01



Tgt Ion: 41 Resp: 9796

Ion Ratio Lower Upper

41 100

39 84.3 41.5 124.5

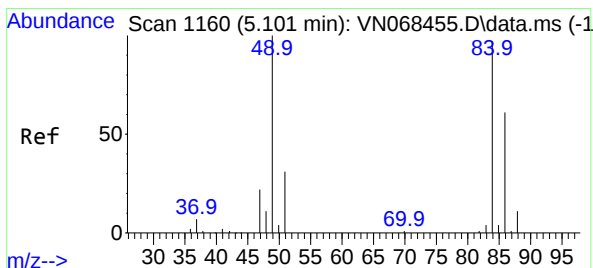
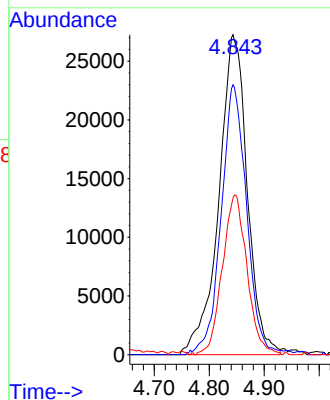
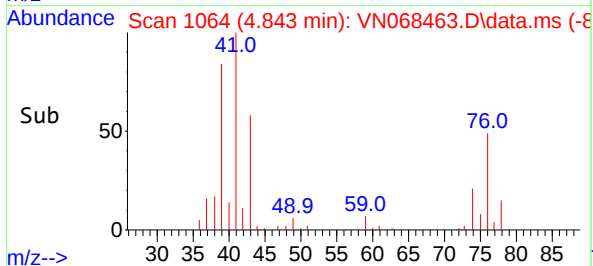
76 48.3 23.6 71.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2021

Supervised By :Mahesh Dadoda 09/14/2021



#18

Methylene Chloride

Concen: 18.171 ug/l

RT: 5.101 min Scan# 1160

Delta R.T. -0.000 min

Lab File: VN068463.D

Acq: 13 Sep 2021 17:52

Tgt Ion: 84 Resp: 92757

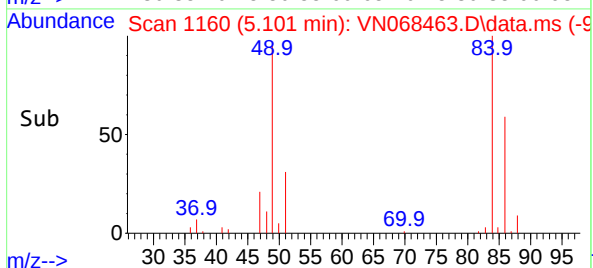
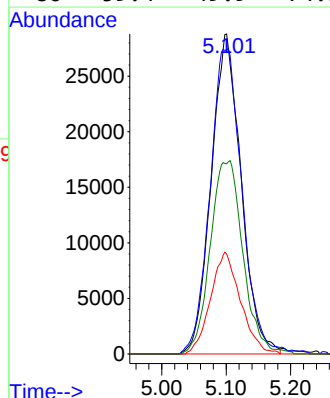
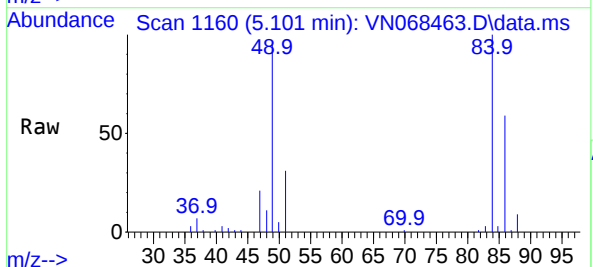
Ion Ratio Lower Upper

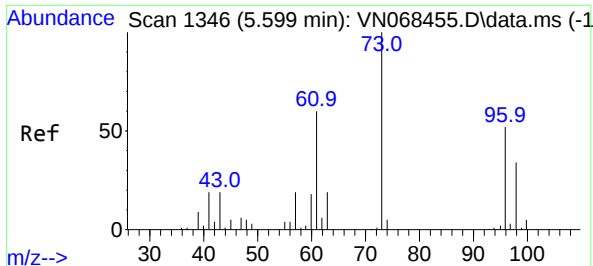
84 100

49 95.1 82.4 123.6

51 31.3 25.9 38.9

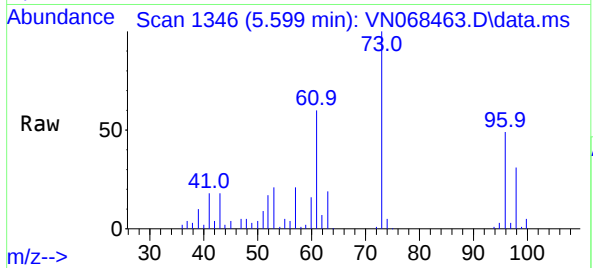
86 59.4 49.9 74.9





#19
trans-1,2-Dichloroethene
Concen: 17.324 ug/l
RT: 5.599 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN068463.D
Acq: 13 Sep 2021 17:52

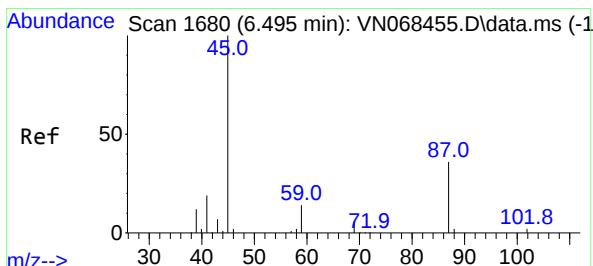
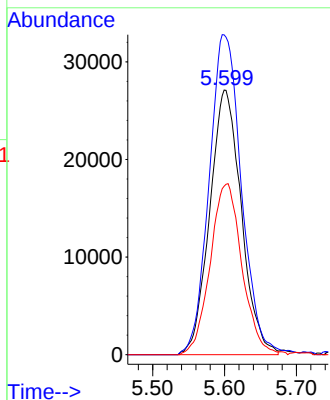
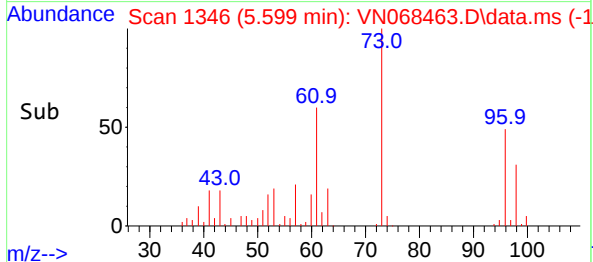
Instrument :
MSVOA_N
ClientSampleId :
VN0913WBSD01



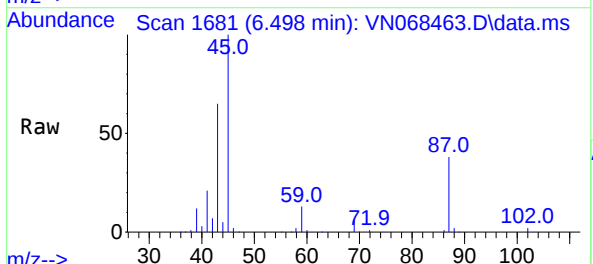
Tgt Ion: 96 Resp: 82774
Ion Ratio Lower Upper
96 100
61 120.8 92.5 138.7
98 63.6 51.7 77.5

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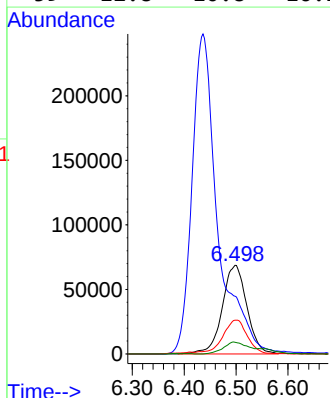
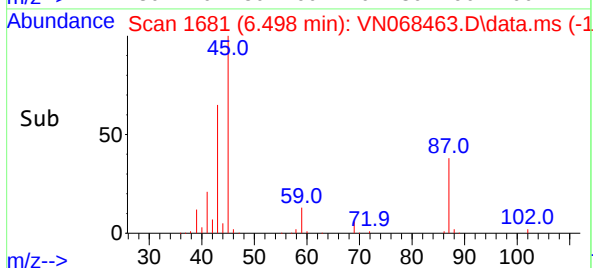
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021

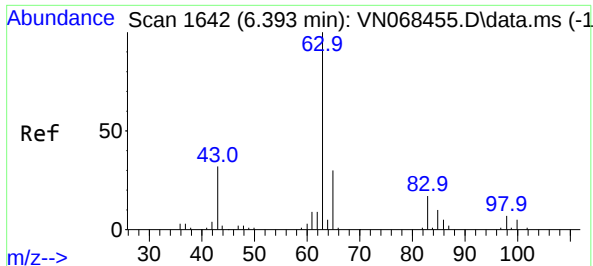


#20
Diisopropyl ether
Concen: 19.209 ug/l
RT: 6.498 min Scan# 1681
Delta R.T. 0.003 min
Lab File: VN068463.D
Acq: 13 Sep 2021 17:52



Tgt Ion: 45 Resp: 226880
Ion Ratio Lower Upper
45 100
43 61.8 52.2 78.2
87 37.7 29.8 44.8
59 12.8 10.8 16.2





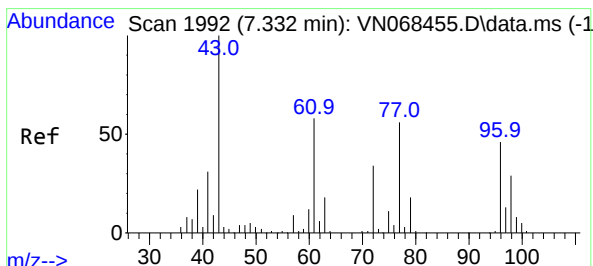
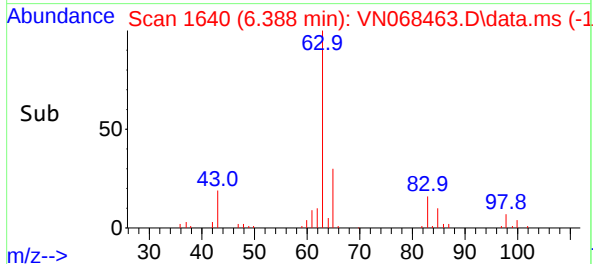
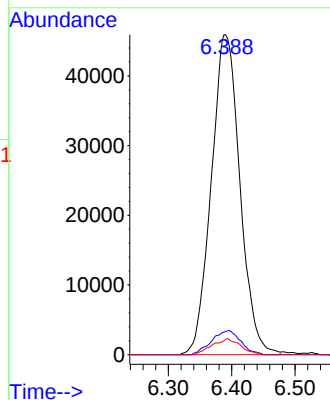
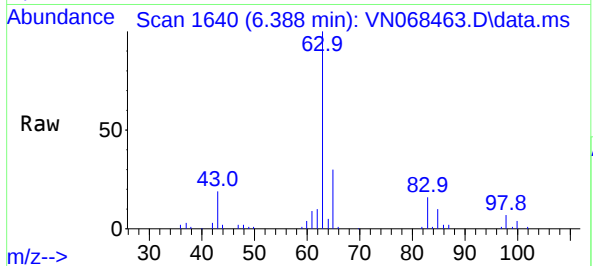
#21
1,1-Dichloroethane
Concen: 18.370 ug/l
RT: 6.388 min Scan# 1
Delta R.T. -0.005 min
Lab File: VN068463.D
Acq: 13 Sep 2021 17:52

Instrument :
MSVOA_N
ClientSampleId :
VN0913WBSD01

Tgt Ion: 63 Resp: 14420
Ion Ratio Lower Upper
63 100
98 7.1 3.5 10.4
100 4.4 2.5 7.5

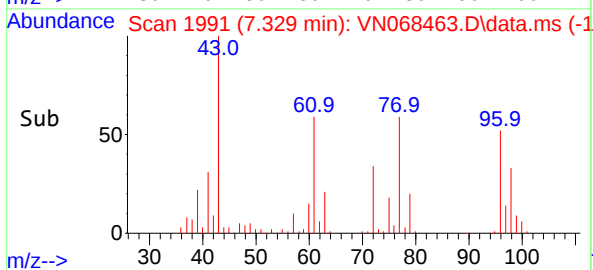
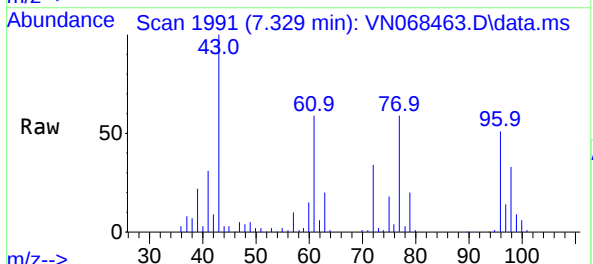
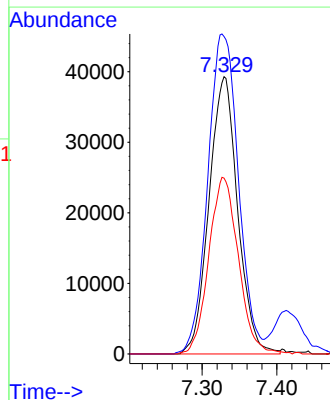
Manual Integrations
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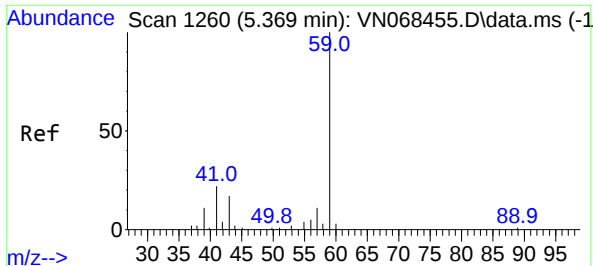
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021



#22
cis-1,2-Dichloroethene
Concen: 18.231 ug/l
RT: 7.329 min Scan# 1991
Delta R.T. -0.003 min
Lab File: VN068463.D
Acq: 13 Sep 2021 17:52

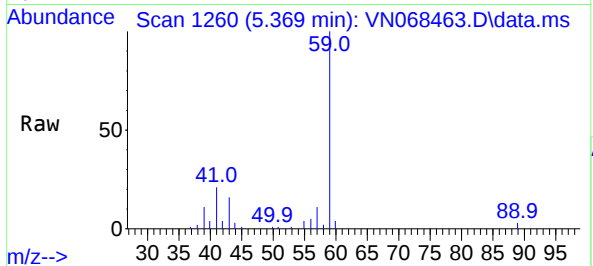
Tgt Ion: 96 Resp: 104738
Ion Ratio Lower Upper
96 100
61 123.5 102.3 153.5
98 65.3 52.3 78.5





#23
tert-Butyl Alcohol
Concen: 92.263 ug/l
RT: 5.369 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN068463.D
Acq: 13 Sep 2021 17:52

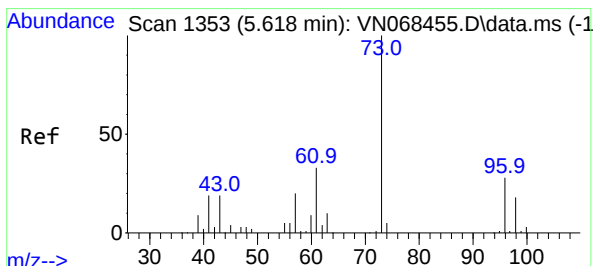
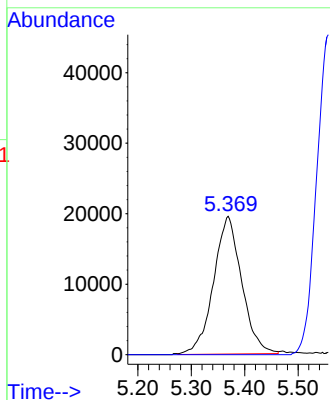
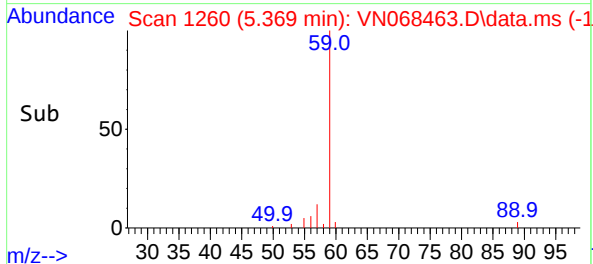
Instrument :
MSVOA_N
ClientSampleId :
VN0913WBSD01



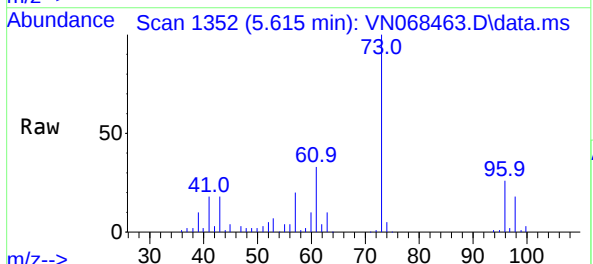
Tgt Ion: 59 Resp: 7166
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

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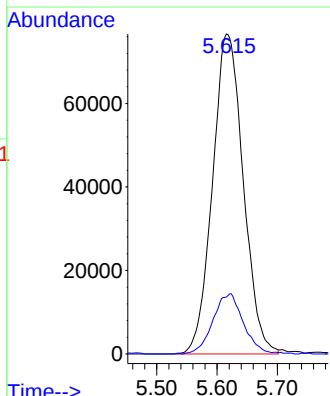
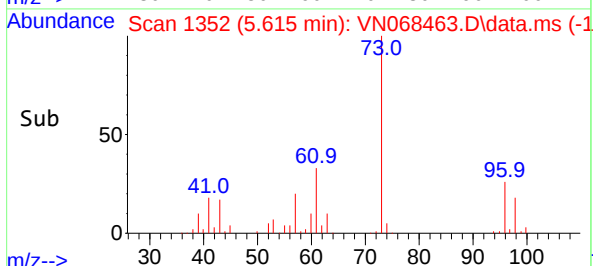
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021

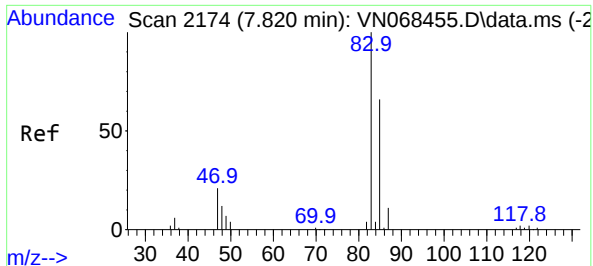


#24
Methyl tert-Butyl Ether
Concen: 18.685 ug/l
RT: 5.615 min Scan# 1352
Delta R.T. -0.003 min
Lab File: VN068463.D
Acq: 13 Sep 2021 17:52



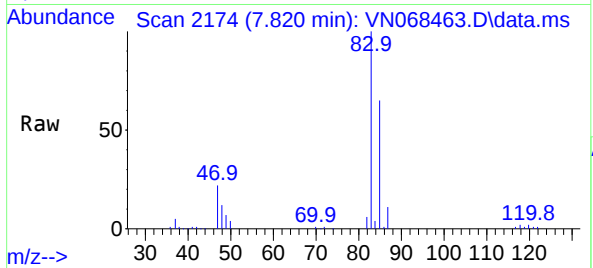
Tgt Ion: 73 Resp: 271324
Ion Ratio Lower Upper
73 100
43 18.5 14.9 22.3





#25
Chloroform
Concen: 18.523 ug/l
RT: 7.820 min Scan# 2174
Delta R.T. -0.000 min
Lab File: VN068463.D
Acq: 13 Sep 2021 17:52

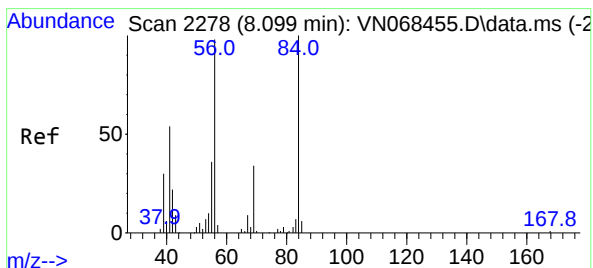
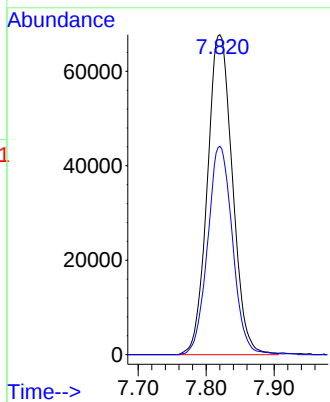
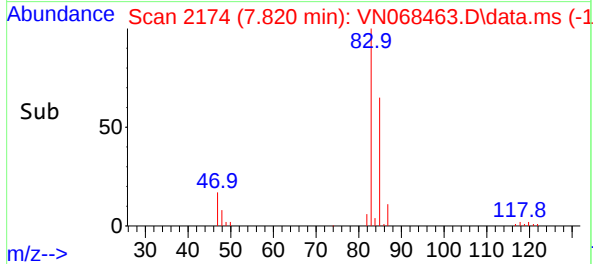
Instrument :
MSVOA_N
ClientSampleId :
VN0913WBSD01



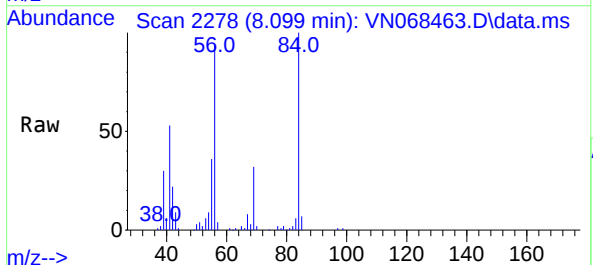
Tgt Ion: 83 Resp: 174010
Ion Ratio Lower Upper
83 100
85 65.2 52.6 78.8

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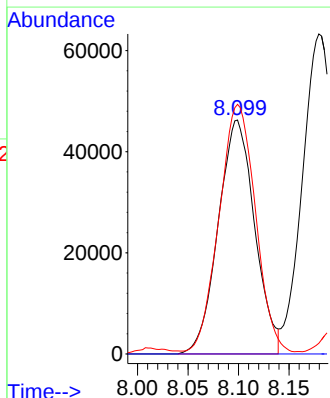
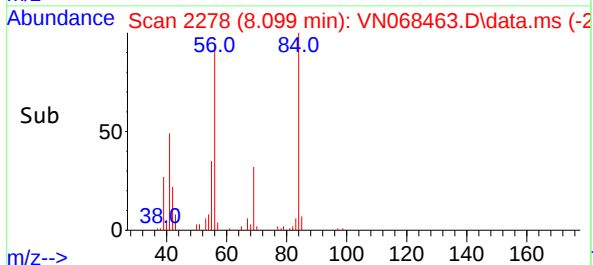
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021

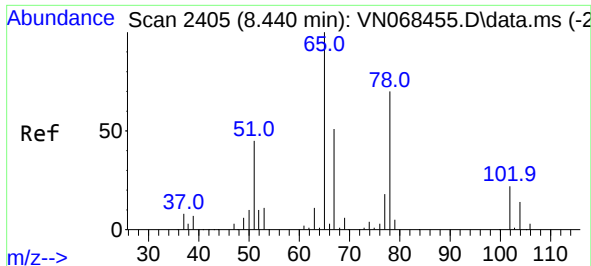


#26
Cyclohexane
Concen: 17.520 ug/l
RT: 8.099 min Scan# 2278
Delta R.T. -0.000 min
Lab File: VN068463.D
Acq: 13 Sep 2021 17:52



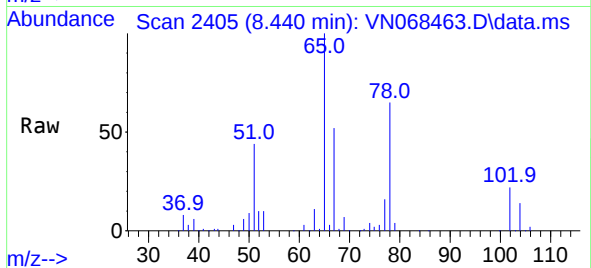
Tgt Ion: 56 Resp: 116273
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 105.0 82.8 124.2





#27
1,2-Dichloroethane-d4
Concen: 31.043 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN068463.D
Acq: 13 Sep 2021 17:52

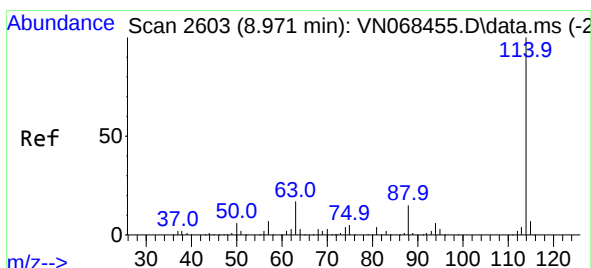
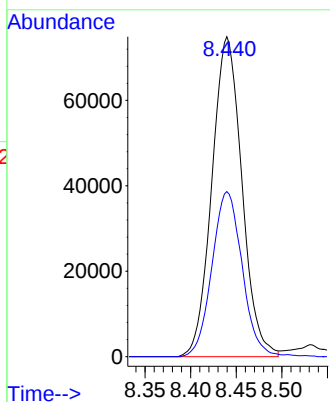
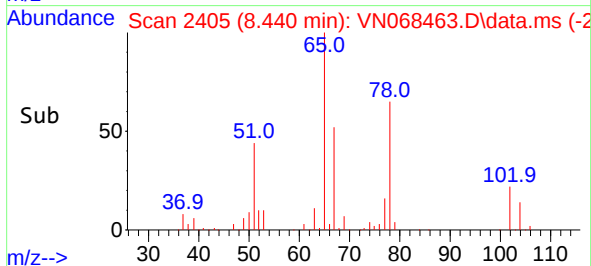
Instrument :
MSVOA_N
ClientSampleId :
VN0913WBSD01



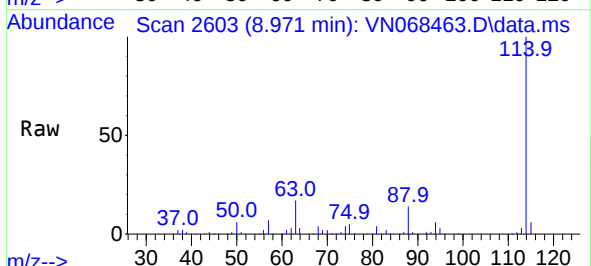
Tgt Ion: 65 Resp: 171558
Ion Ratio Lower Upper
65 100
67 51.8 41.8 62.8

Manual Integrations
APPROVED

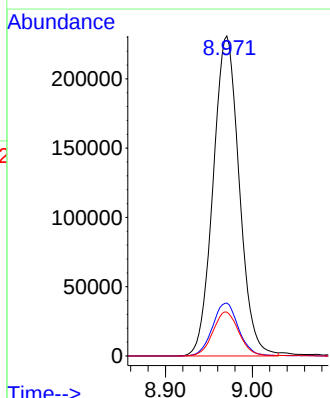
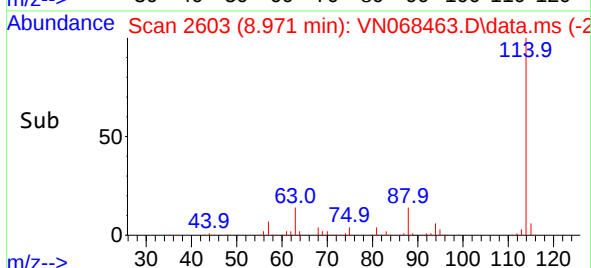
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021

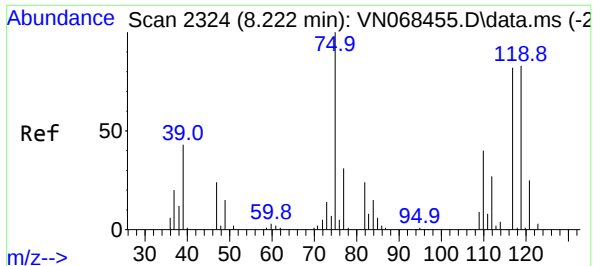


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. -0.000 min
Lab File: VN068463.D
Acq: 13 Sep 2021 17:52



Tgt Ion:114 Resp: 482578
Ion Ratio Lower Upper
114 100
63 16.5 13.4 20.0
88 13.7 11.1 16.7





#29

1,1-Dichloropropene

Concen: 17.951 ug/l

RT: 8.225 min Scan# 21

Delta R.T. 0.003 min

Lab File: VN068463.D

Acq: 13 Sep 2021 17:52

Instrument :

MSVOA_N

ClientSampleId :

VN0913WBSD01

Tgt Ion: 75 Resp: 116104

Ion Ratio Lower Upper

75 100

110 40.8 0.0 82.2

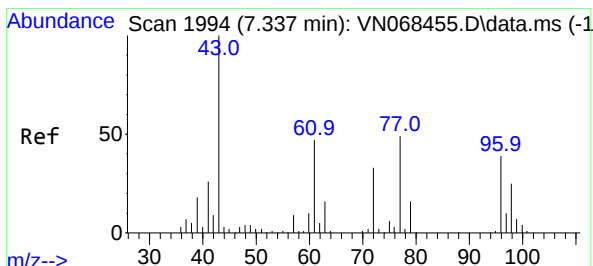
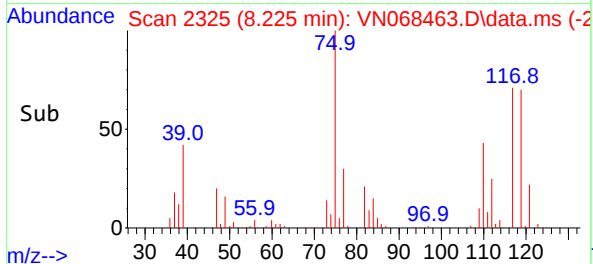
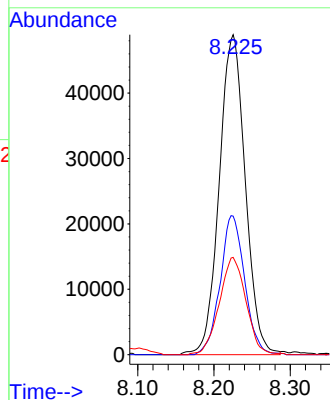
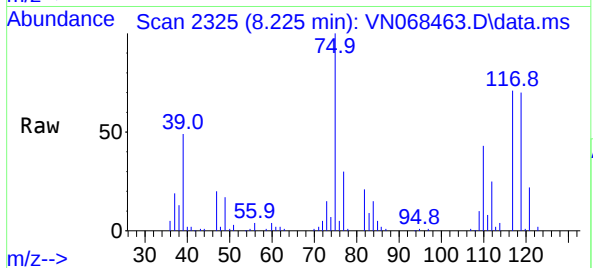
77 31.0 0.0 60.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2021

Supervised By :Mahesh Dadoda 09/14/2021



#30

2-Butanone

Concen: 92.707 ug/l

RT: 7.335 min Scan# 1993

Delta R.T. -0.003 min

Lab File: VN068463.D

Acq: 13 Sep 2021 17:52

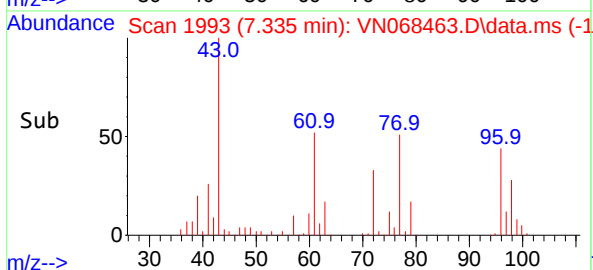
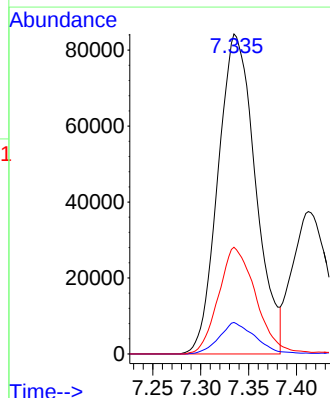
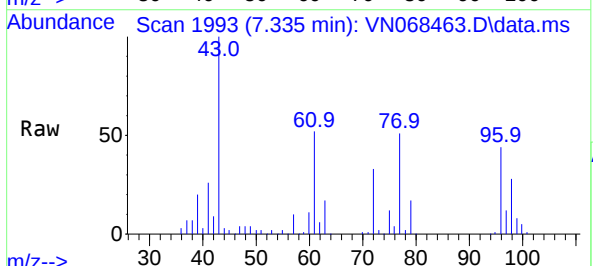
Tgt Ion: 43 Resp: 228862

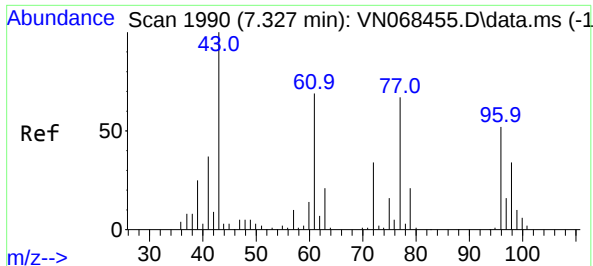
Ion Ratio Lower Upper

43 100

57 9.5 3.2 4.8#

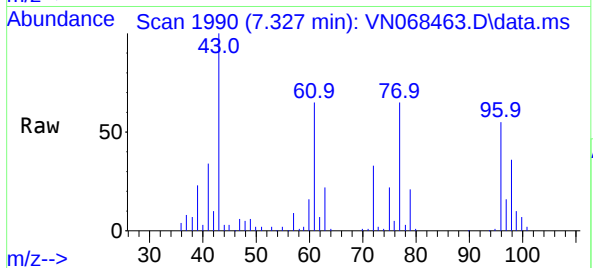
72 33.3 26.6 39.8





#31
2,2-Dichloropropane
Concen: 17.895 ug/l
RT: 7.327 min Scan# 1990
Delta R.T. -0.000 min
Lab File: VN068463.D
Acq: 13 Sep 2021 17:52

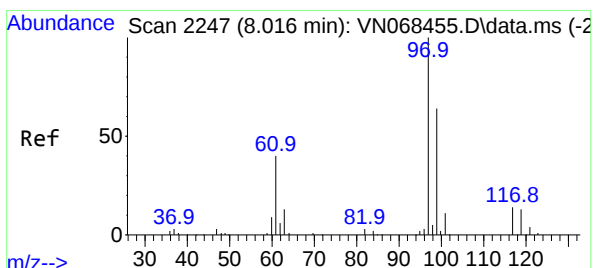
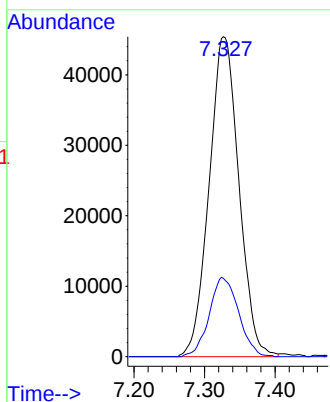
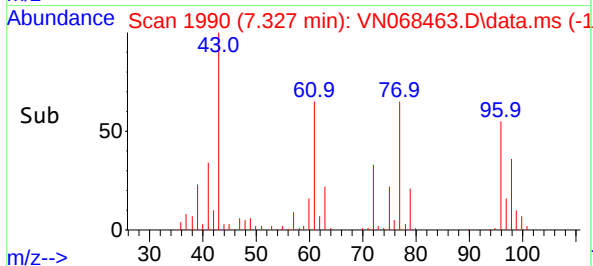
Instrument :
MSVOA_N
ClientSampleId :
VN0913WBSD01



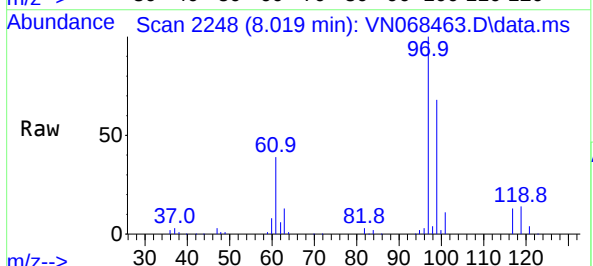
Tgt Ion: 77 Resp: 13320
Ion Ratio Lower Upper
77 100
97 24.4 18.6 28.0

Manual Integrations
APPROVED

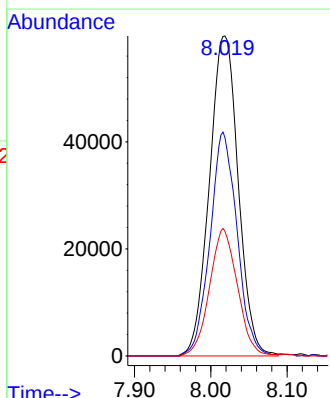
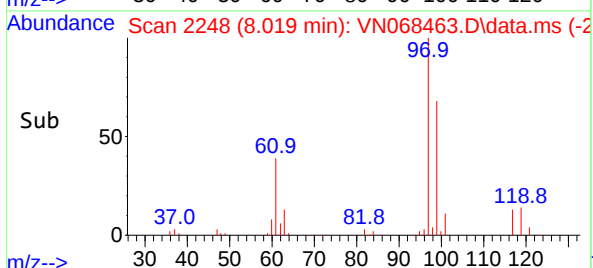
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021

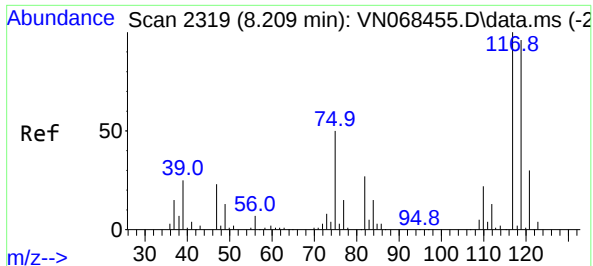


#32
1,1,1-Trichloroethane
Concen: 17.911 ug/l
RT: 8.019 min Scan# 2248
Delta R.T. 0.003 min
Lab File: VN068463.D
Acq: 13 Sep 2021 17:52



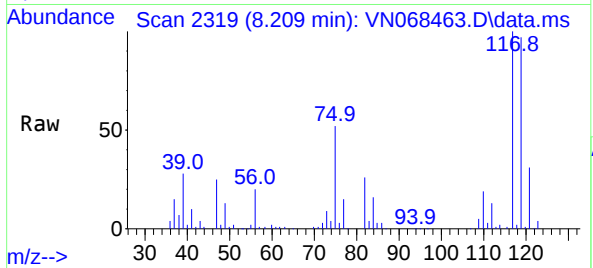
Tgt Ion: 97 Resp: 157318
Ion Ratio Lower Upper
97 100
99 65.6 51.4 77.2
61 38.3 31.4 47.0





#33
Carbon Tetrachloride
Concen: 17.461 ug/l
RT: 8.209 min Scan# 2117
Delta R.T. -0.000 min
Lab File: VN068463.D
Acq: 13 Sep 2021 17:52

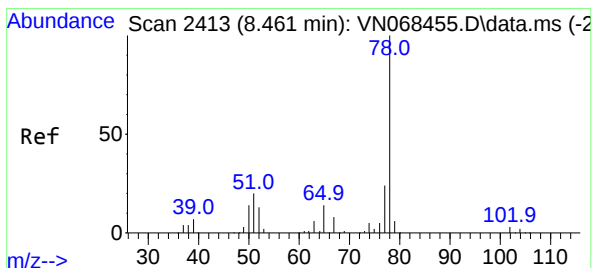
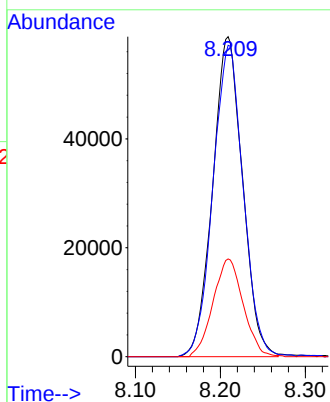
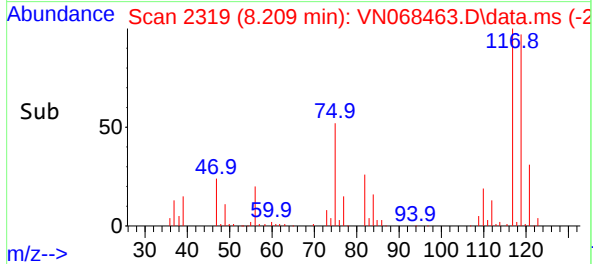
Instrument :
MSVOA_N
ClientSampleId :
VN0913WBSD01



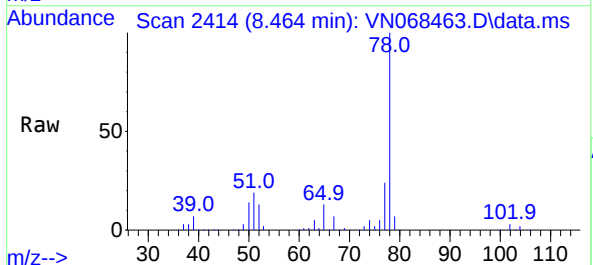
Tgt Ion:117 Resp: 143350
Ion Ratio Lower Upper
117 100
119 97.3 76.8 115.2
121 30.5 24.4 36.6

Manual Integrations
APPROVED

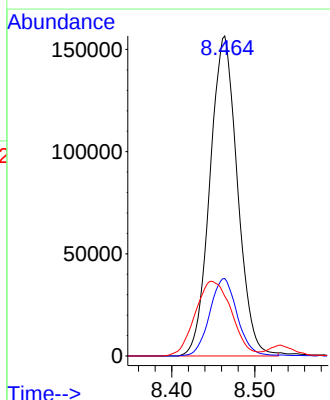
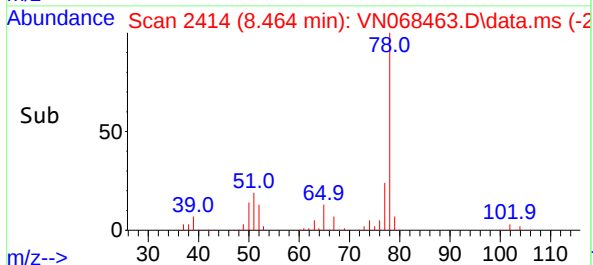
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021

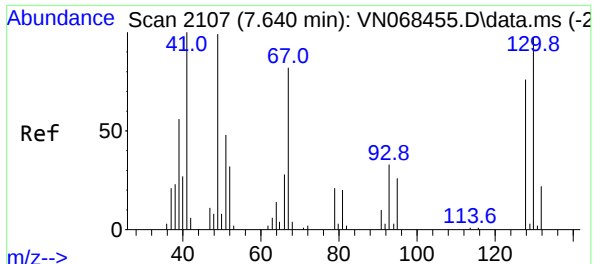


#34
Benzene
Concen: 18.243 ug/l
RT: 8.464 min Scan# 2414
Delta R.T. 0.003 min
Lab File: VN068463.D
Acq: 13 Sep 2021 17:52



Tgt Ion: 78 Resp: 359835
Ion Ratio Lower Upper
78 100
77 24.2 19.2 28.8
51 17.1 15.8 23.6





#35

Methacrylonitrile

Concen: 19.733 ug/l

RT: 7.638 min Scan# 2106

Delta R.T. -0.003 min

Lab File: VN068463.D

Acq: 13 Sep 2021 17:52

Instrument :

MSVOA_N

ClientSampleId :

VN0913WBSD01

Tgt Ion: 41 Resp: 4698

Ion Ratio Lower Upper

41 100

39 57.3 28.2 84.6

67 86.8 40.8 122.5

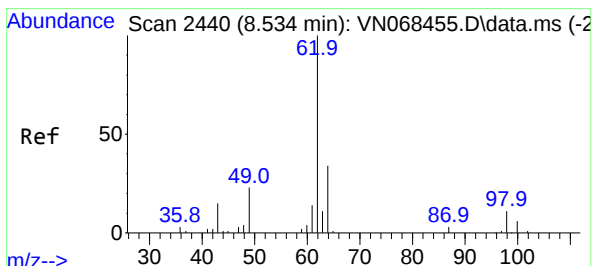
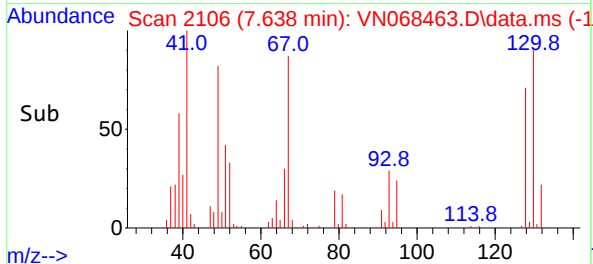
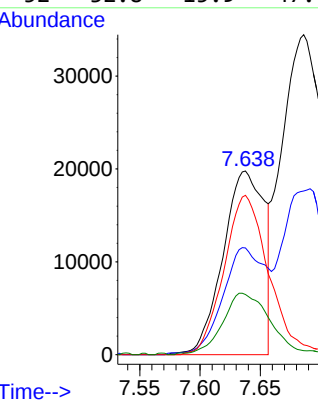
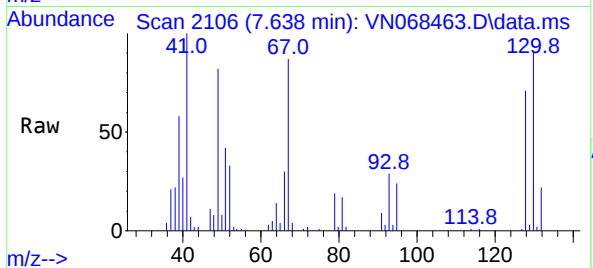
52 32.8 15.9 47.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2021

Supervised By :Mahesh Dadoda 09/14/2021



#36

1,2-Dichloroethane

Concen: 19.234 ug/l

RT: 8.531 min Scan# 2439

Delta R.T. -0.003 min

Lab File: VN068463.D

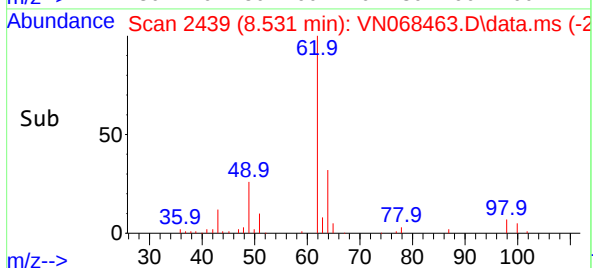
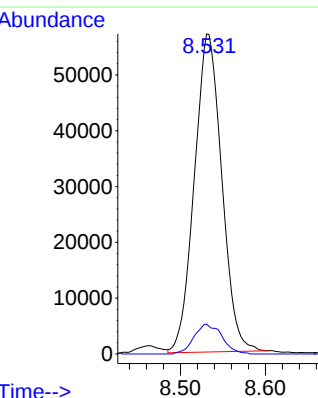
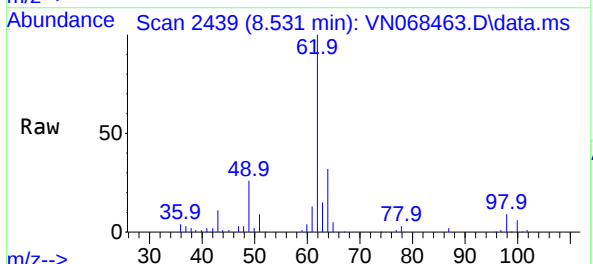
Acq: 13 Sep 2021 17:52

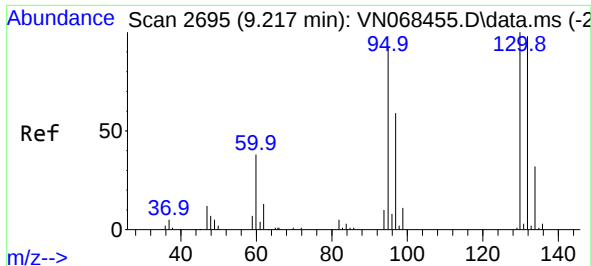
Tgt Ion: 62 Resp: 127732

Ion Ratio Lower Upper

62 100

98 6.4 7.8 11.8





#37

Trichloroethene

Concen: 17.582 ug/l

RT: 9.217 min Scan# 2

Delta R.T. -0.000 min

Lab File: VN068463.D

Acq: 13 Sep 2021 17:52

Instrument :

MSVOA_N

ClientSampleId :

VN0913WBSD01

Tgt Ion:130 Resp: 111120

Ion Ratio Lower Upper

130 100

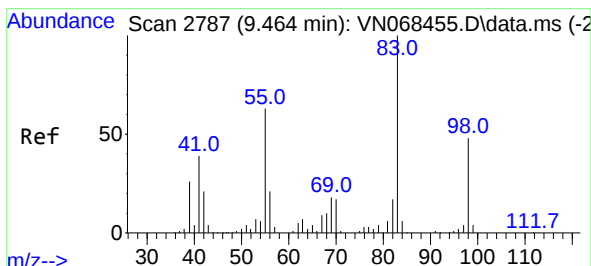
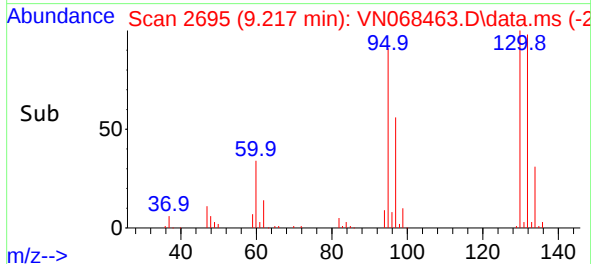
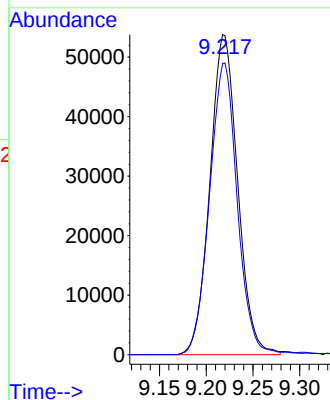
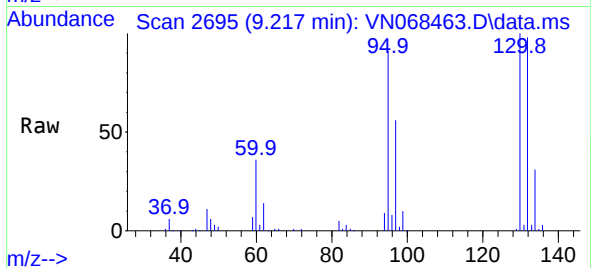
95 90.6 73.4 110.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2021

Supervised By :Mahesh Dadoda 09/14/2021



#38

Methylcyclohexane

Concen: 18.081 ug/l

RT: 9.461 min Scan# 2786

Delta R.T. -0.003 min

Lab File: VN068463.D

Acq: 13 Sep 2021 17:52

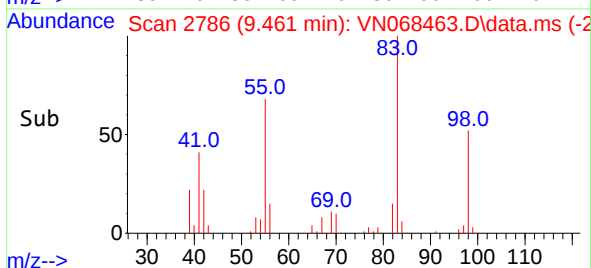
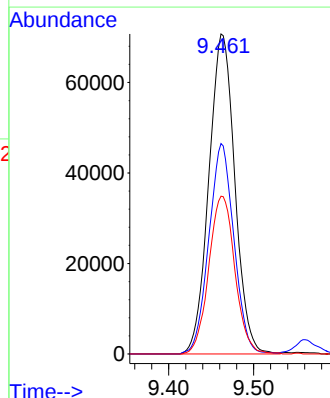
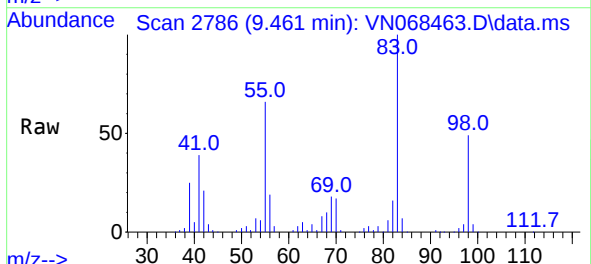
Tgt Ion: 83 Resp: 150323

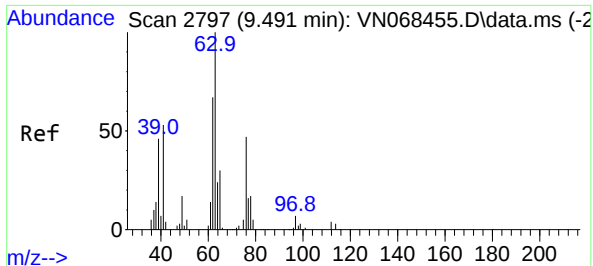
Ion Ratio Lower Upper

83 100

55 63.5 32.1 96.3

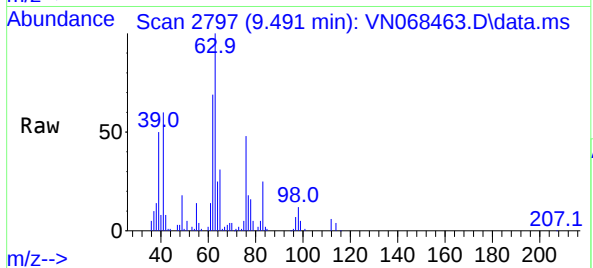
98 49.5 24.0 72.0





#39
1,2-Dichloropropane
Concen: 18.515 ug/l
RT: 9.491 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN068463.D
Acq: 13 Sep 2021 17:52

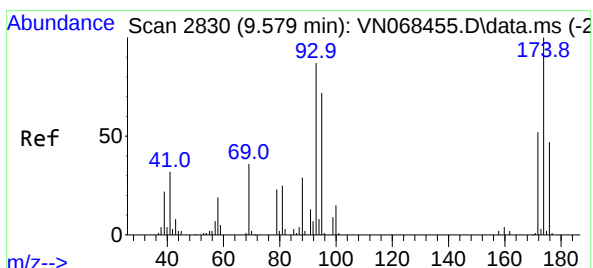
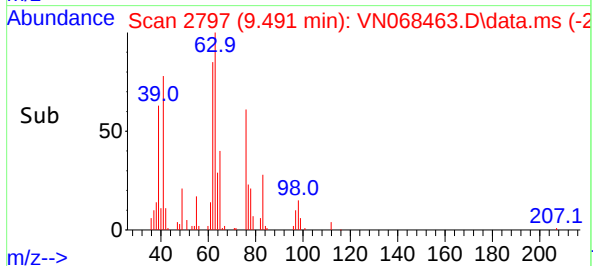
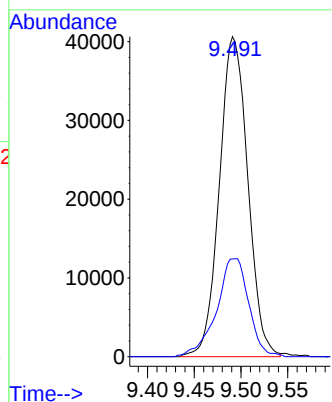
Instrument :
MSVOA_N
ClientSampleId :
VN0913WBSD01



Tgt Ion: 63 Resp: 8594
Ion Ratio Lower Upper
63 100
65 30.0 24.4 36.6

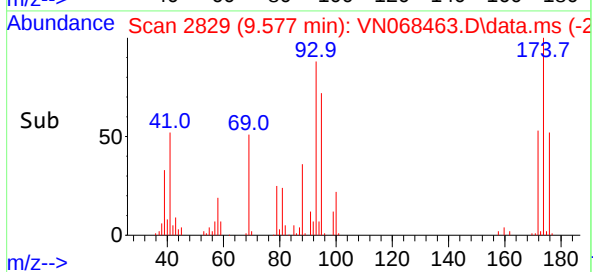
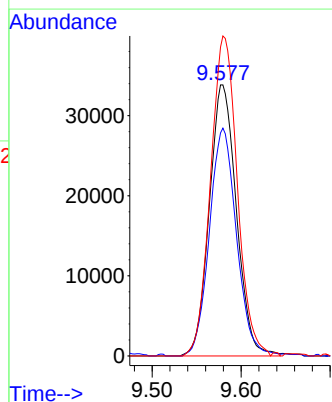
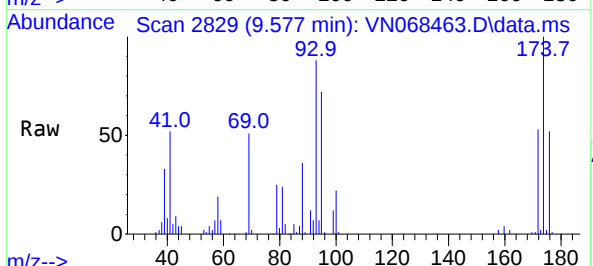
Manual Integrations
APPROVED

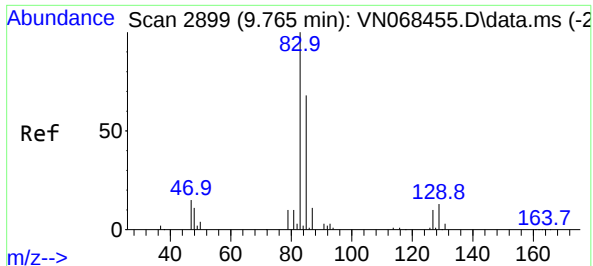
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021



#40
Dibromomethane
Concen: 18.743 ug/l
RT: 9.577 min Scan# 2829
Delta R.T. -0.003 min
Lab File: VN068463.D
Acq: 13 Sep 2021 17:52

Tgt Ion: 93 Resp: 71485
Ion Ratio Lower Upper
93 100
95 84.2 0.0 165.2
174 116.9 0.0 231.8





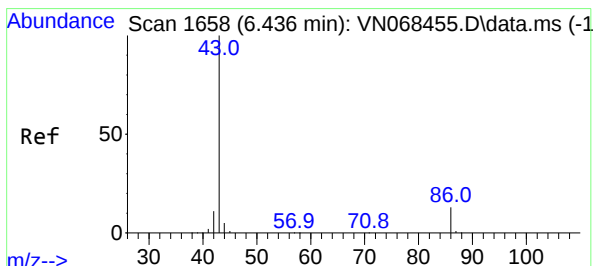
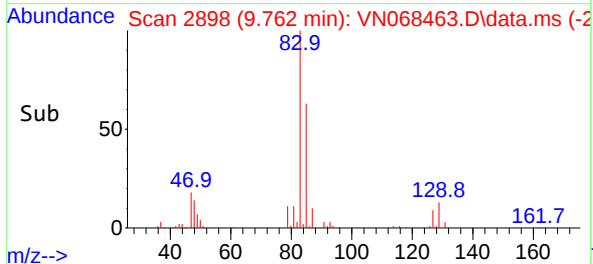
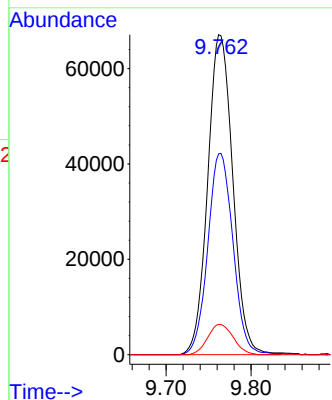
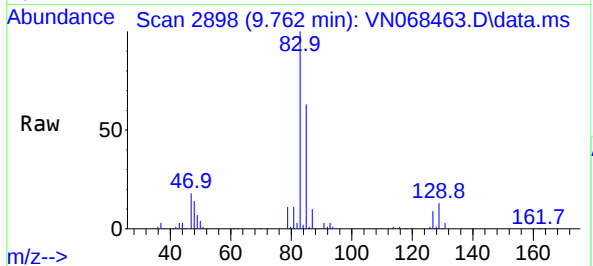
#41
Bromodichloromethane
Concen: 18.694 ug/l
RT: 9.762 min Scan# 21
Delta R.T. -0.003 min
Lab File: VN068463.D
Acq: 13 Sep 2021 17:52

Instrument :
MSVOA_N
ClientSampleId :
VN0913WBSD01

Tgt Ion: 83 Resp: 137794
Ion Ratio Lower Upper
83 100
85 62.7 54.1 81.1
127 9.5 8.8 13.2

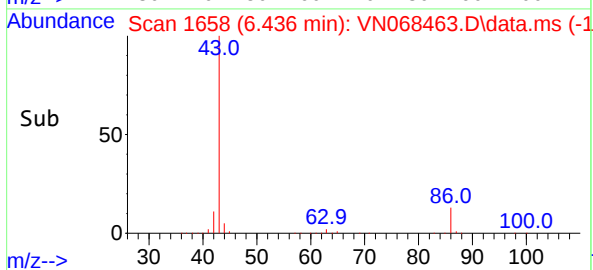
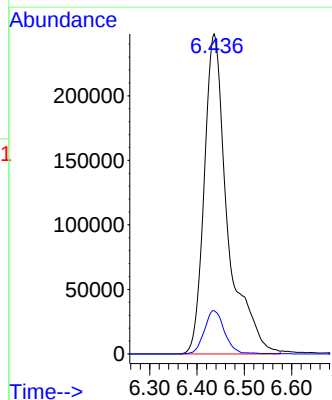
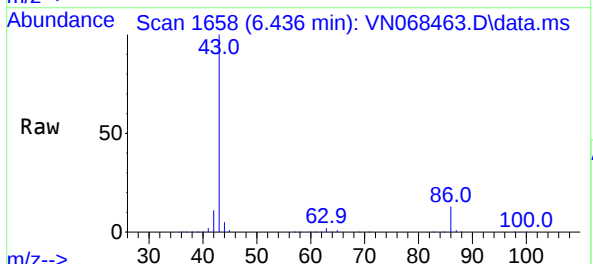
Manual Integrations
APPROVED

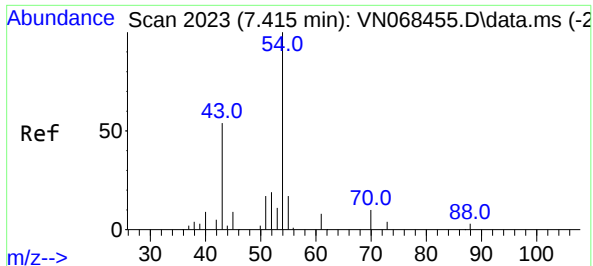
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021



#42
Vinyl Acetate
Concen: 93.839 ug/l
RT: 6.436 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VN068463.D
Acq: 13 Sep 2021 17:52

Tgt Ion: 43 Resp: 853523
Ion Ratio Lower Upper
43 100
86 11.6 9.0 13.6





#43

Ethyl Acetate

Concen: 20.258 ug/l m

RT: 7.412 min Scan# 2023

Delta R.T. -0.003 min

Lab File: VN068463.D

Acq: 13 Sep 2021 17:52

Instrument :

MSVOA_N

ClientSampleId :

VN0913WBSD01

Tgt Ion: 43 Resp: 10548

Ion Ratio Lower Upper

43 100

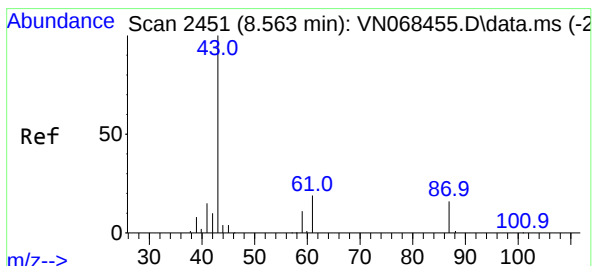
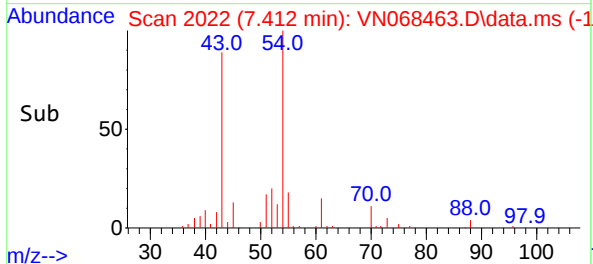
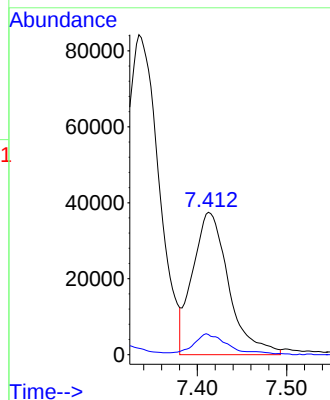
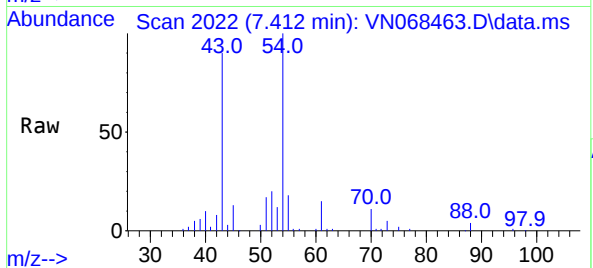
45 0.2 0.4 0.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2021

Supervised By :Mahesh Dadoda 09/14/2021



#44

Isopropyl Acetate

Concen: 18.990 ug/l

RT: 8.563 min Scan# 2451

Delta R.T. -0.000 min

Lab File: VN068463.D

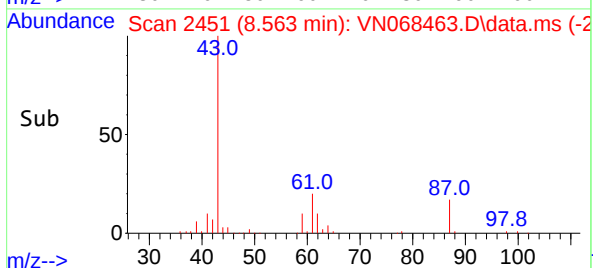
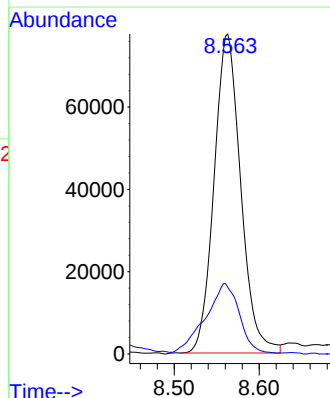
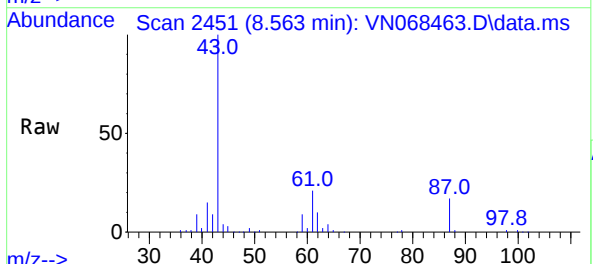
Acq: 13 Sep 2021 17:52

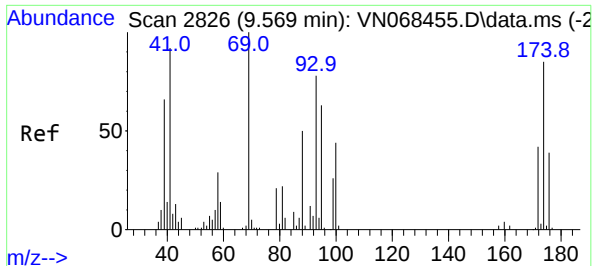
Tgt Ion: 43 Resp: 169250

Ion Ratio Lower Upper

43 100

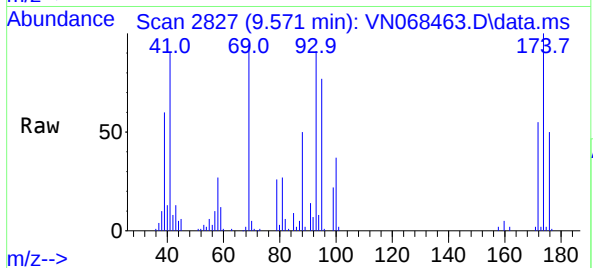
61 28.4 22.7 34.1





#45
1,4-Dioxane
Concen: 388.845 ug/l
RT: 9.571 min Scan# 2827
Delta R.T. 0.003 min
Lab File: VN068463.D
Acq: 13 Sep 2021 17:52

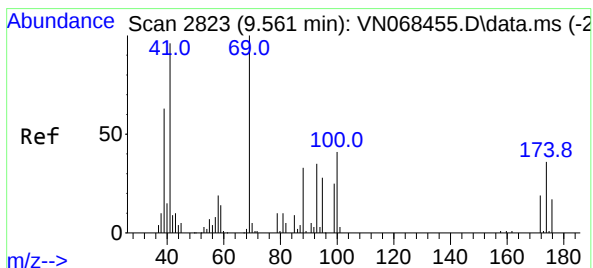
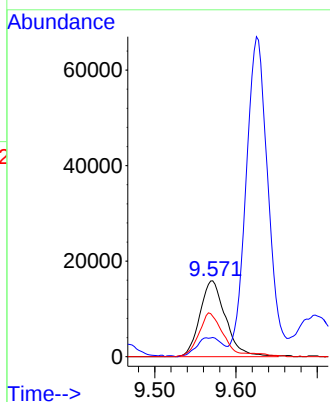
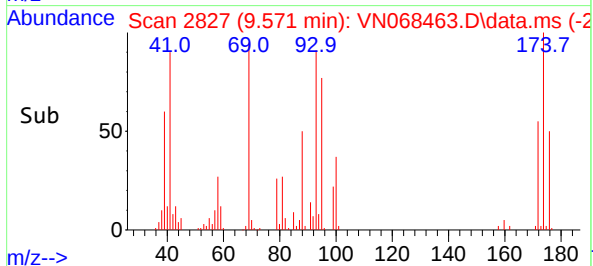
Instrument :
MSVOA_N
ClientSampleId :
VN0913WBSD01



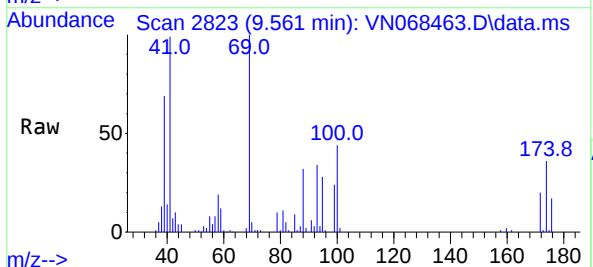
Tgt Ion: 88 Resp: 3504
Ion Ratio Lower Upper
88 100
43 12.4 21.0 31.4
58 53.0 47.0 70.6

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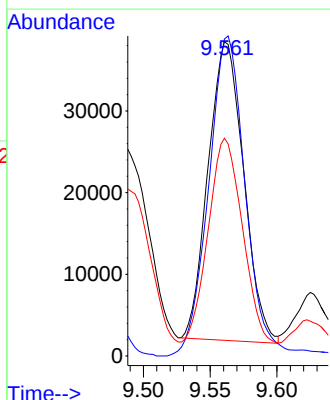
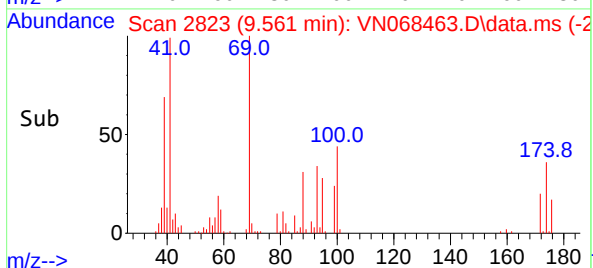
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021

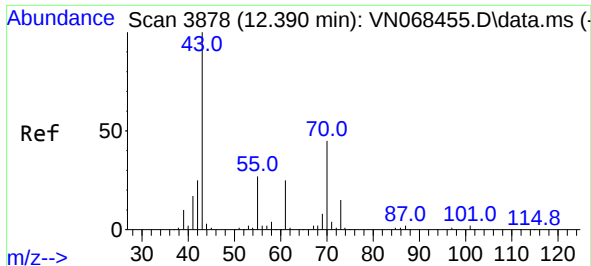


#46
Methyl methacrylate
Concen: 18.756 ug/l
RT: 9.561 min Scan# 2823
Delta R.T. -0.000 min
Lab File: VN068463.D
Acq: 13 Sep 2021 17:52



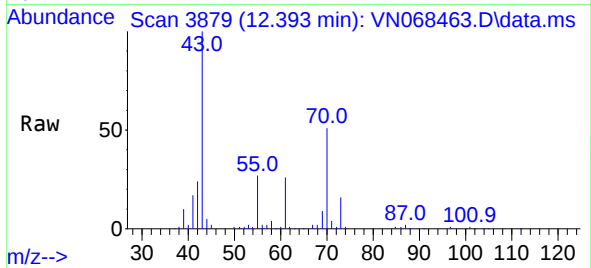
Tgt Ion: 41 Resp: 67616
Ion Ratio Lower Upper
41 100
69 105.4 51.4 154.3
39 69.2 33.1 99.2





#47
n-amy1 Acetate
Concen: 18.038 ug/l
RT: 12.393 min Scan# 3879
Delta R.T. 0.003 min
Lab File: VN068463.D
Acq: 13 Sep 2021 17:52

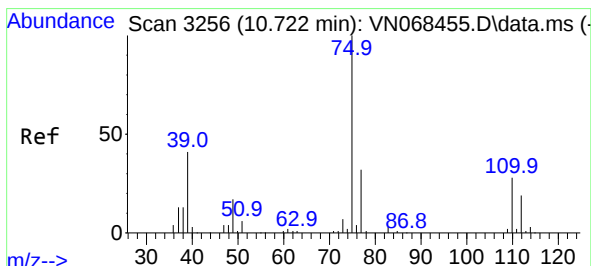
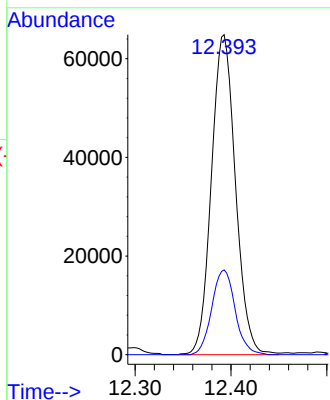
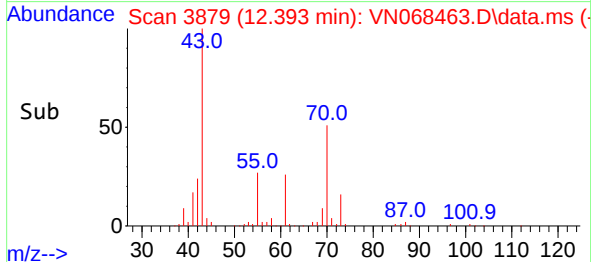
Instrument :
MSVOA_N
ClientSampleId :
VN0913WBSD01



Tgt Ion: 43 Resp: 11288
Ion Ratio Lower Upper
43 100
55 25.7 21.7 32.5

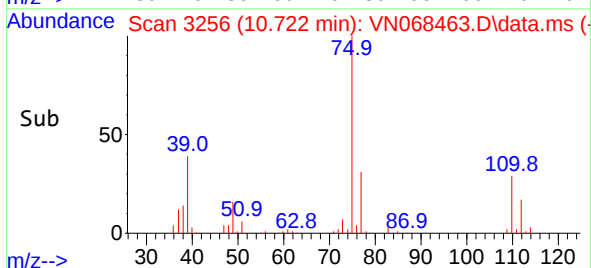
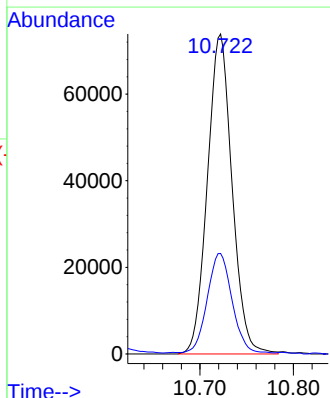
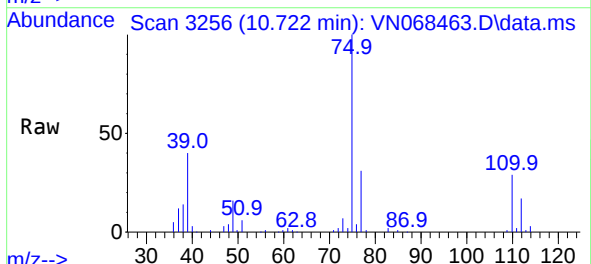
Manual Integrations
APPROVED

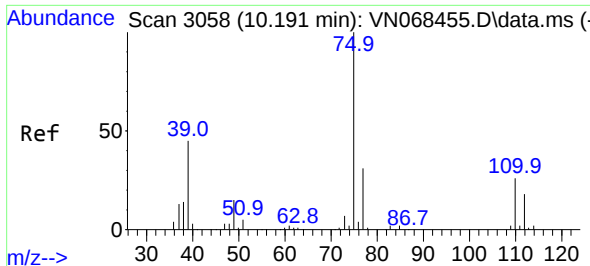
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021



#48
t-1,3-Dichloropropene
Concen: 18.138 ug/l
RT: 10.722 min Scan# 3256
Delta R.T. -0.000 min
Lab File: VN068463.D
Acq: 13 Sep 2021 17:52

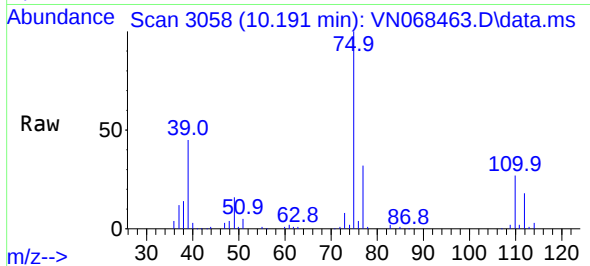
Tgt Ion: 75 Resp: 135361
Ion Ratio Lower Upper
75 100
77 31.0 26.0 39.0





#49
 cis-1,3-Dichloropropene
 Concen: 17.941 ug/l
 RT: 10.191 min Scan# 3058
 Delta R.T. -0.000 min
 Lab File: VN068463.D
 Acq: 13 Sep 2021 17:52

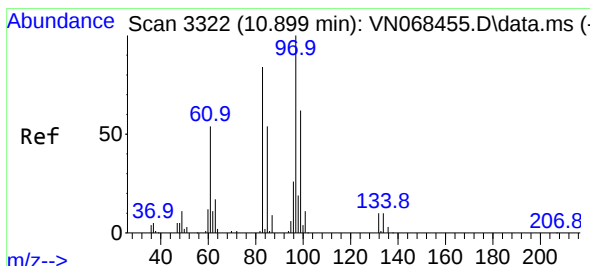
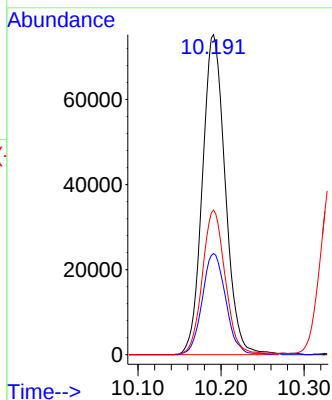
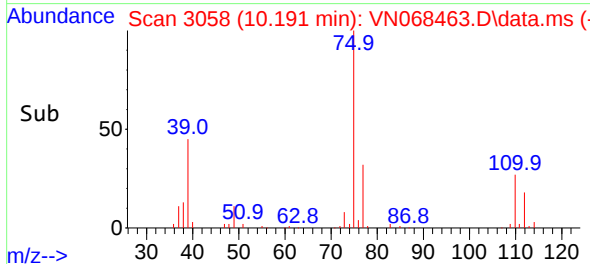
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0913WBSD01



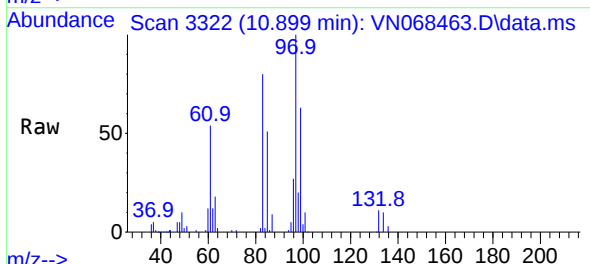
Tgt Ion: 75 Resp: 143900
 Ion Ratio Lower Upper
 75 100
 77 31.6 24.6 36.8
 39 45.0 35.9 53.9

Manual Integrations
 APPROVED

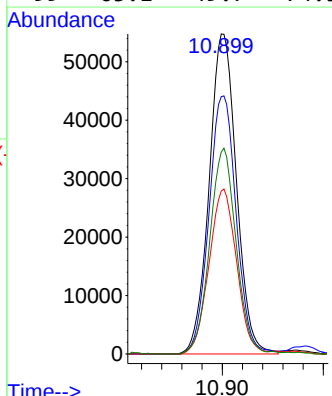
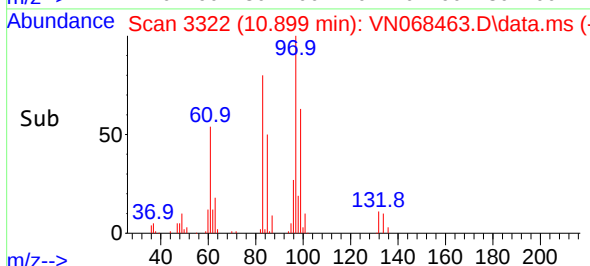
Reviewed By :John Carlone 09/14/2021
 Supervised By :Mahesh Dadoda 09/14/2021

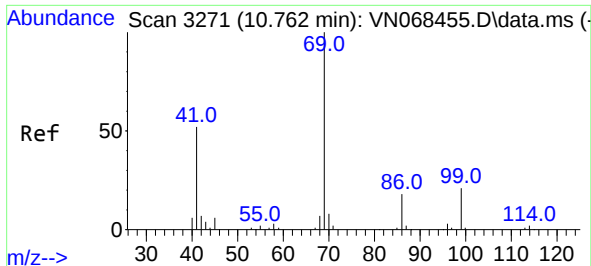


#50
 1,1,2-Trichloroethane
 Concen: 18.614 ug/l
 RT: 10.899 min Scan# 3322
 Delta R.T. -0.000 min
 Lab File: VN068463.D
 Acq: 13 Sep 2021 17:52



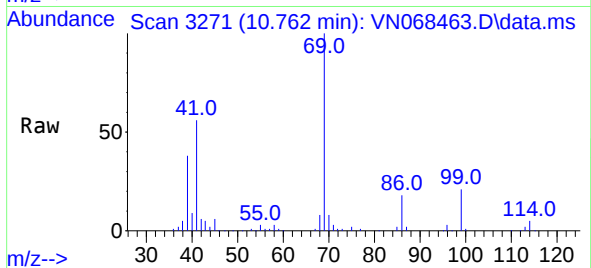
Tgt Ion: 97 Resp: 102597
 Ion Ratio Lower Upper
 97 100
 83 80.4 66.8 100.2
 85 50.9 43.5 65.3
 99 63.1 49.7 74.5





#51
Ethyl methacrylate
Concen: 18.301 ug/l
RT: 10.762 min Scan# 3271
Delta R.T. -0.000 min
Lab File: VN068463.D
Acq: 13 Sep 2021 17:52

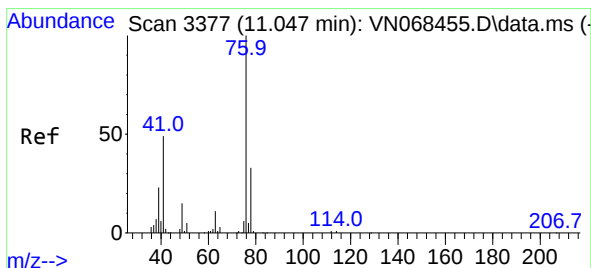
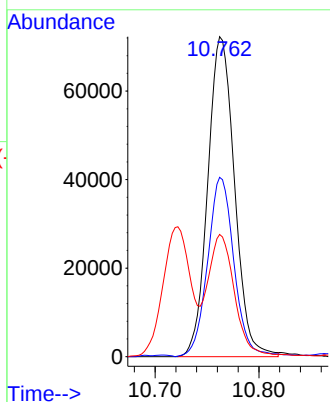
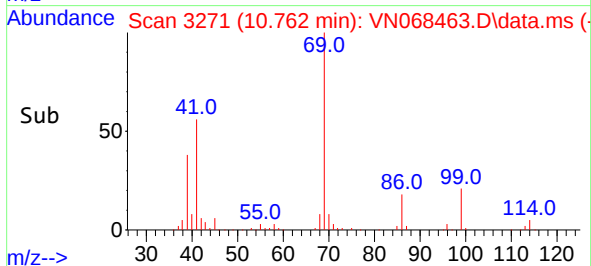
Instrument :
MSVOA_N
ClientSampleId :
VN0913WBSD01



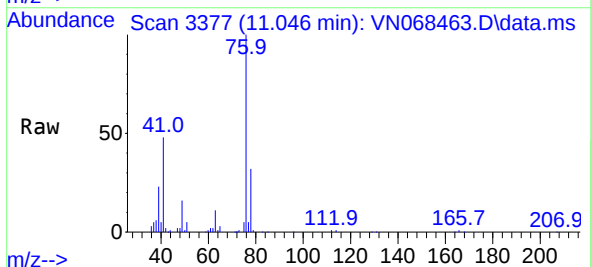
Tgt Ion: 69 Resp: 129510
Ion Ratio Lower Upper
69 100
41 55.9 26.1 78.3
39 37.5 18.0 54.0

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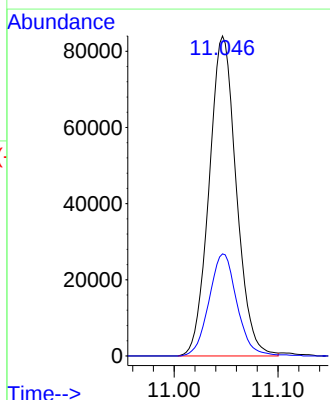
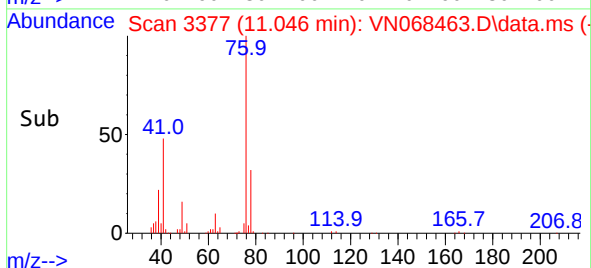
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021

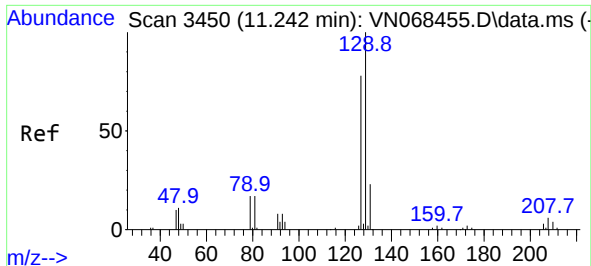


#52
1,3-Dichloropropane
Concen: 18.659 ug/l
RT: 11.046 min Scan# 3377
Delta R.T. -0.000 min
Lab File: VN068463.D
Acq: 13 Sep 2021 17:52



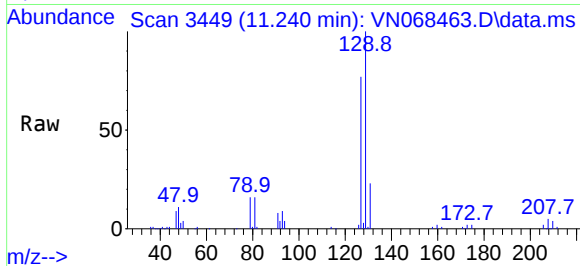
Tgt Ion: 76 Resp: 152938
Ion Ratio Lower Upper
76 100
78 32.7 0.0 66.4





#53
Dibromochloromethane
Concen: 18.177 ug/l
RT: 11.240 min Scan# 3450
Delta R.T. -0.003 min
Lab File: VN068463.D
Acq: 13 Sep 2021 17:52

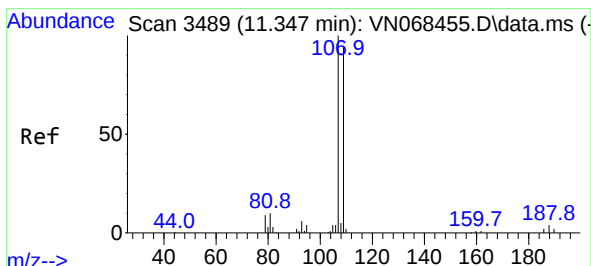
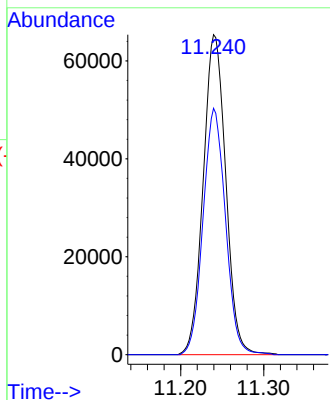
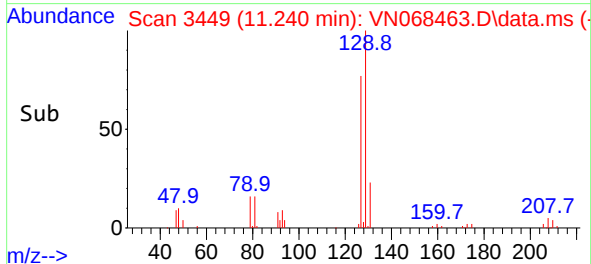
Instrument :
MSVOA_N
ClientSampleId :
VN0913WBSD01



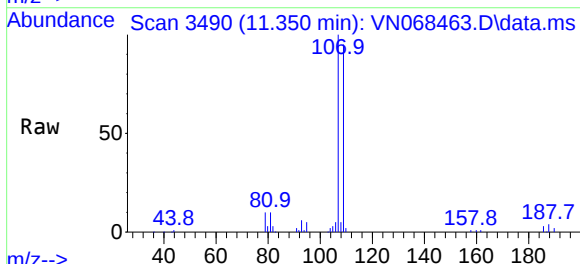
Tgt Ion:129 Resp: 123195
Ion Ratio Lower Upper
129 100
127 76.6 38.5 115.5

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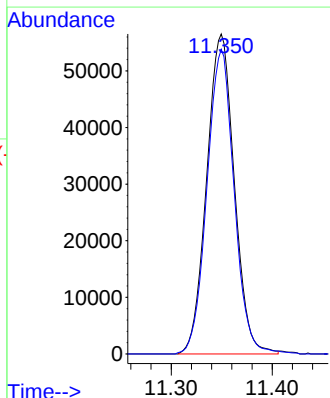
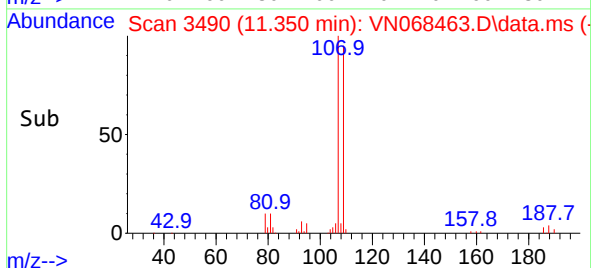
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021

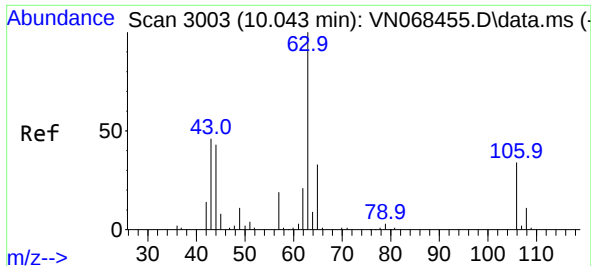


#54
1,2-Dibromoethane
Concen: 18.158 ug/l
RT: 11.350 min Scan# 3490
Delta R.T. 0.003 min
Lab File: VN068463.D
Acq: 13 Sep 2021 17:52



Tgt Ion:107 Resp: 107335
Ion Ratio Lower Upper
107 100
109 93.7 77.0 115.4





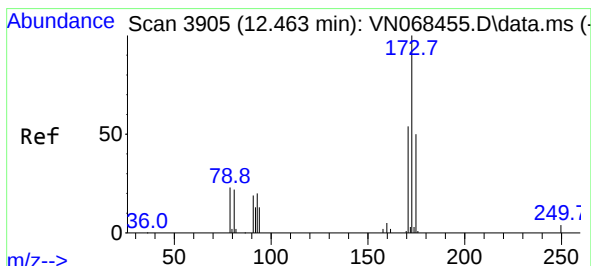
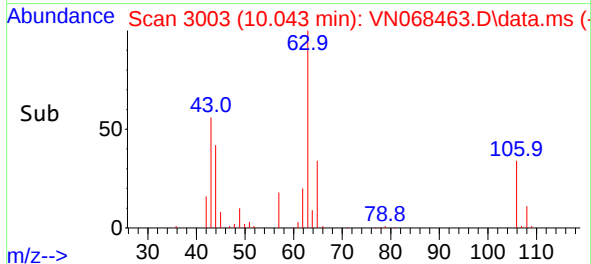
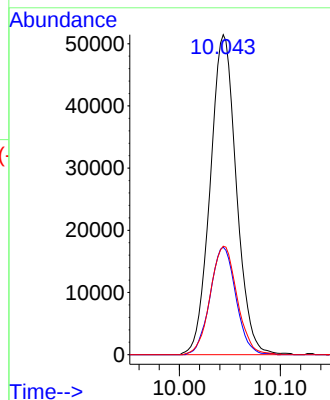
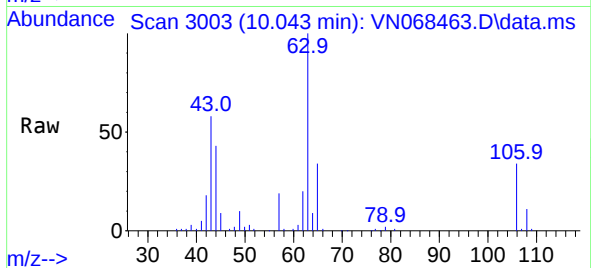
#55
2-Chloroethyl vinyl ether
Concen: 77.116 ug/l
RT: 10.043 min Scan# 3003
Delta R.T. -0.000 min
Lab File: VN068463.D
Acq: 13 Sep 2021 17:52

Instrument :
MSVOA_N
ClientSampleId :
VN0913WBSD01

Tgt Ion: 63 Resp: 9238
Ion Ratio Lower Upper
63 100
65 33.2 26.2 39.2
106 34.8 27.7 41.5

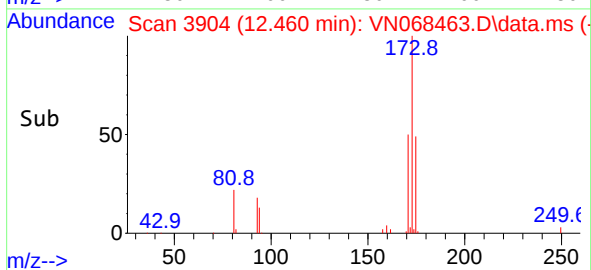
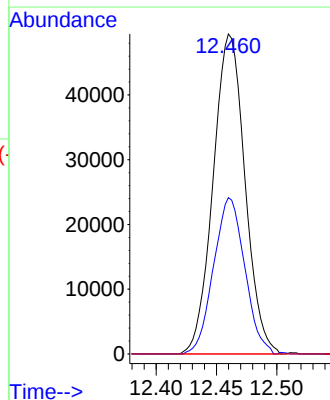
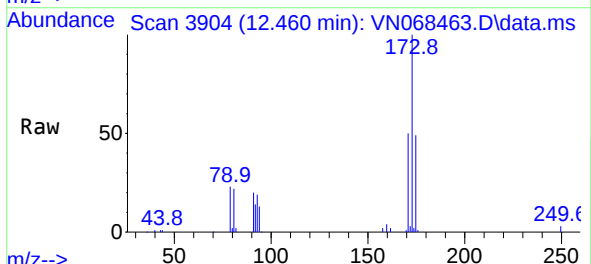
Manual Integrations
APPROVED

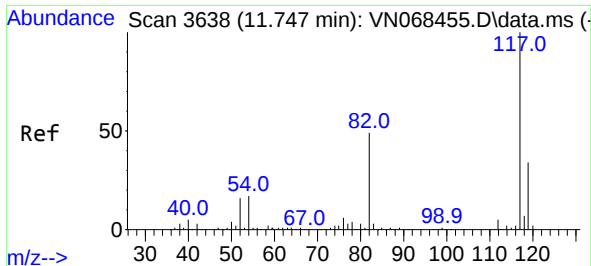
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021



#56
Bromoform
Concen: 16.683 ug/l
RT: 12.460 min Scan# 3904
Delta R.T. -0.003 min
Lab File: VN068463.D
Acq: 13 Sep 2021 17:52

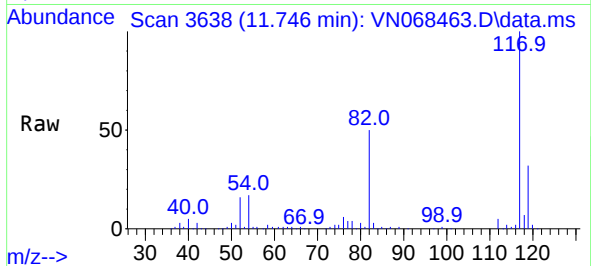
Tgt Ion:173 Resp: 90812
Ion Ratio Lower Upper
173 100
175 47.7 38.8 58.2
254 0.0 0.0 0.0





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. -0.000 min
Lab File: VN068463.D
Acq: 13 Sep 2021 17:52

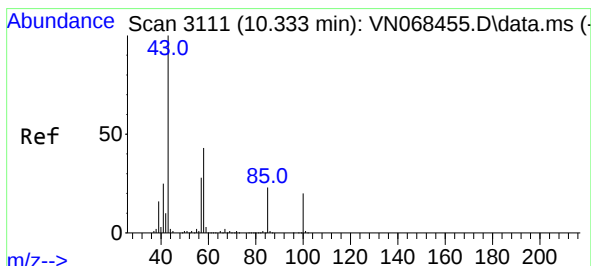
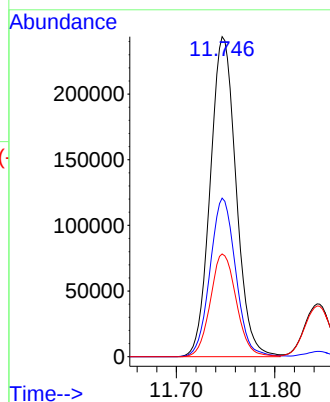
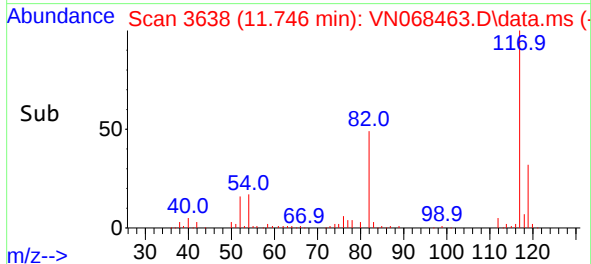
Instrument :
MSVOA_N
ClientSampleId :
VN0913WBSD01



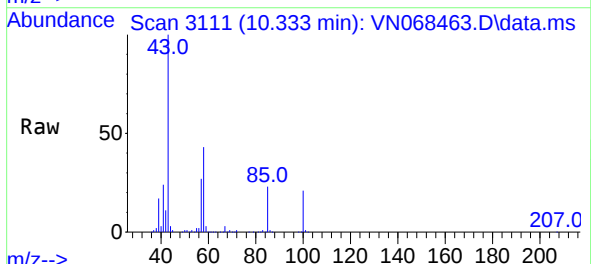
Tgt Ion: 117 Resp: 444154
Ion Ratio Lower Upper
117 100
82 49.4 39.4 59.0
119 32.4 26.2 39.2

Manual Integrations
APPROVED

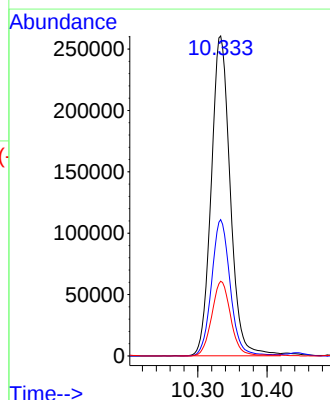
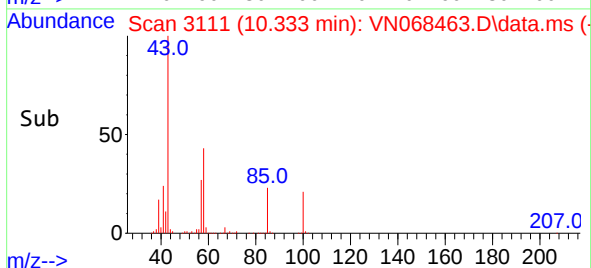
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021

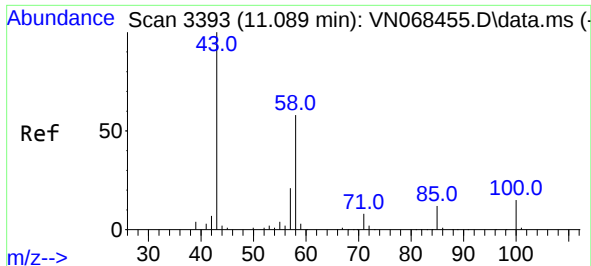


#58
4-Methyl-2-Pentanone
Concen: 95.042 ug/l
RT: 10.333 min Scan# 3111
Delta R.T. -0.000 min
Lab File: VN068463.D
Acq: 13 Sep 2021 17:52



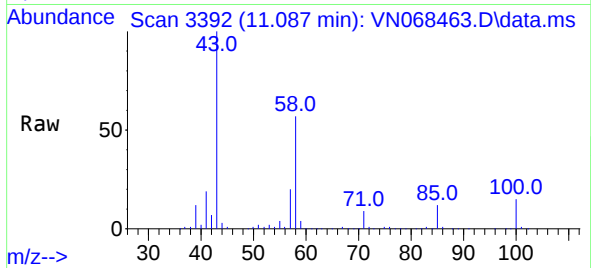
Tgt Ion: 43 Resp: 496923
Ion Ratio Lower Upper
43 100
58 42.0 33.3 49.9
85 23.1 18.6 27.8





#59
2-Hexanone
Concen: 94.314 ug/l
RT: 11.087 min Scan# 31
Delta R.T. -0.003 min
Lab File: VN068463.D
Acq: 13 Sep 2021 17:52

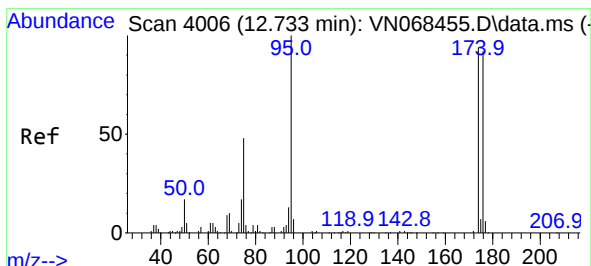
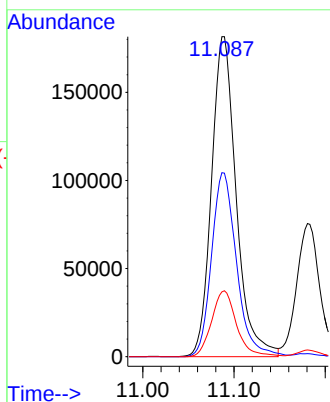
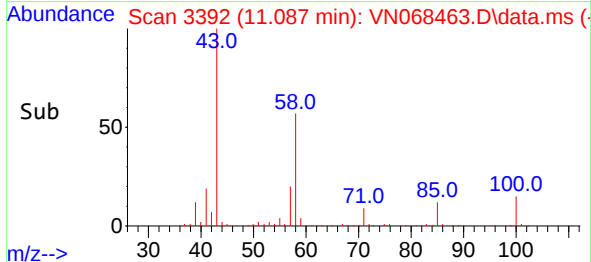
Instrument :
MSVOA_N
ClientSampleId :
VN0913WBSD01



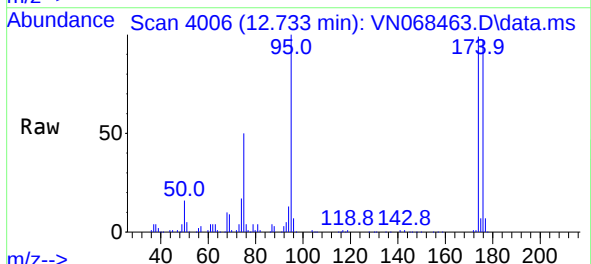
Tgt Ion: 43 Resp: 341758
Ion Ratio Lower Upper
43 100
58 58.2 46.4 69.6
57 20.8 16.6 25.0

Manual Integrations
APPROVED

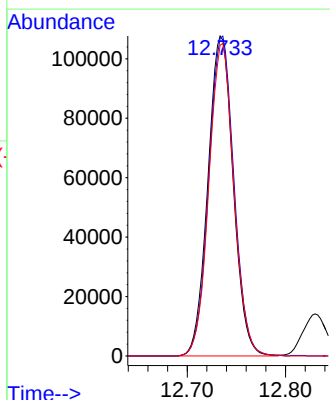
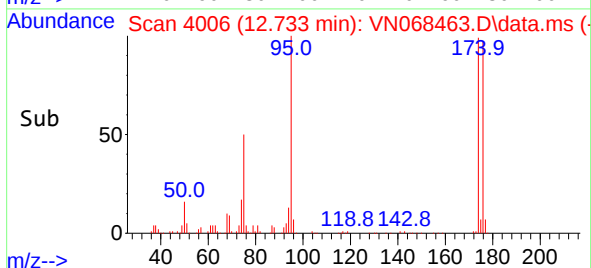
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021

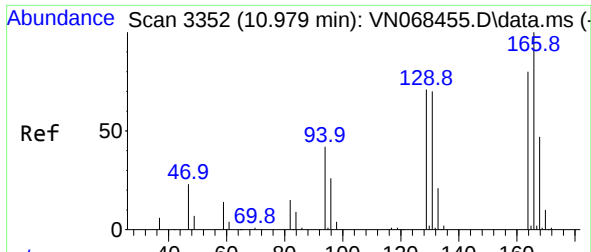


#60
4-Bromofluorobenzene
Concen: 30.386 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.000 min
Lab File: VN068463.D
Acq: 13 Sep 2021 17:52



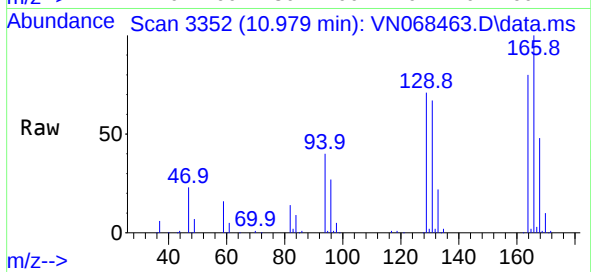
Tgt Ion: 95 Resp: 192363
Ion Ratio Lower Upper
95 100
174 99.8 78.0 117.0
176 96.2 76.4 114.6





#61
Tetrachloroethene
Concen: 18.199 ug/l
RT: 10.979 min Scan# 3116
Delta R.T. -0.000 min
Lab File: VN068463.D
Acq: 13 Sep 2021 17:52

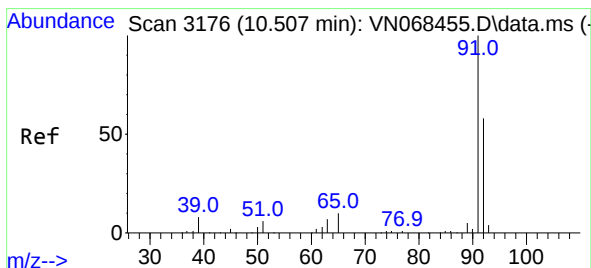
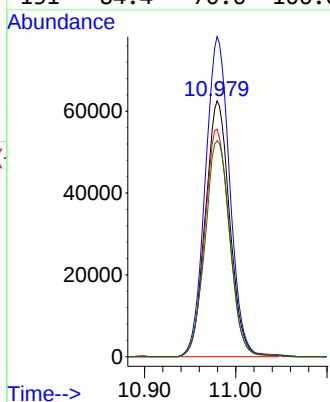
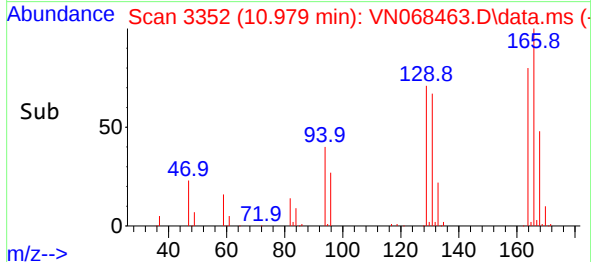
Instrument :
MSVOA_N
ClientSampleId :
VN0913WBSD01



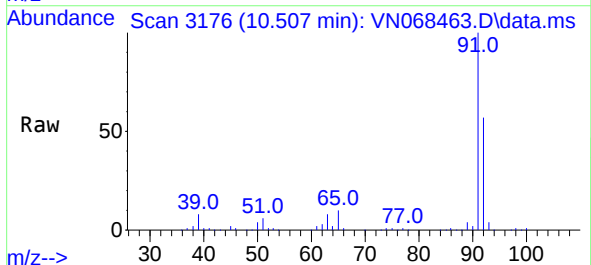
Tgt Ion:164 Resp: 11622
Ion Ratio Lower Upper
164 100
166 125.1 100.4 150.6
129 88.9 71.4 107.0
131 84.4 70.6 106.0

Manual Integrations
APPROVED

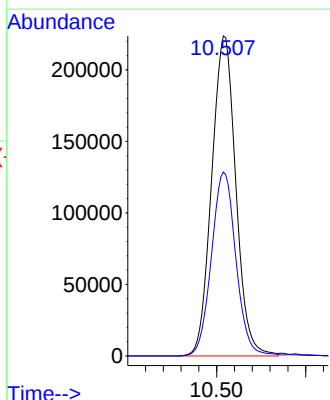
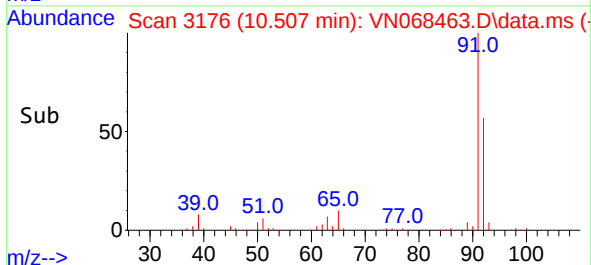
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021

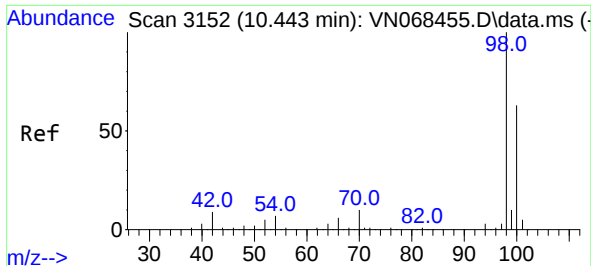


#62
Toluene
Concen: 18.051 ug/l
RT: 10.507 min Scan# 3176
Delta R.T. -0.000 min
Lab File: VN068463.D
Acq: 13 Sep 2021 17:52



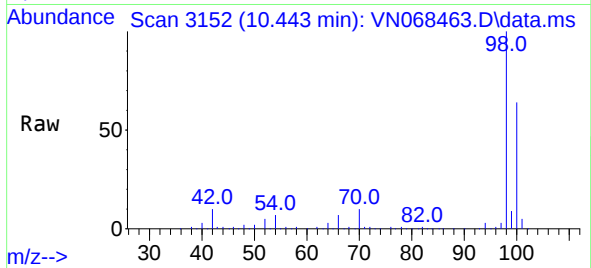
Tgt Ion: 91 Resp: 421979
Ion Ratio Lower Upper
91 100
92 58.2 45.8 68.6





#63
Toluene-d8
Concen: 30.451 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VN068463.D
Acq: 13 Sep 2021 17:52

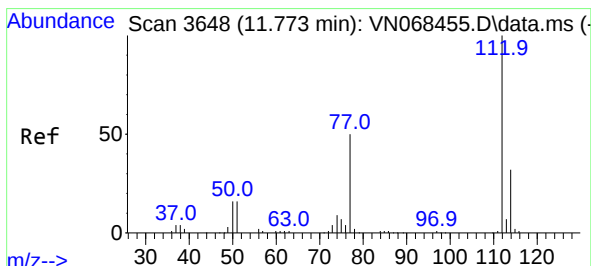
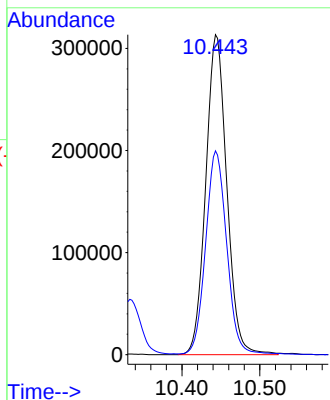
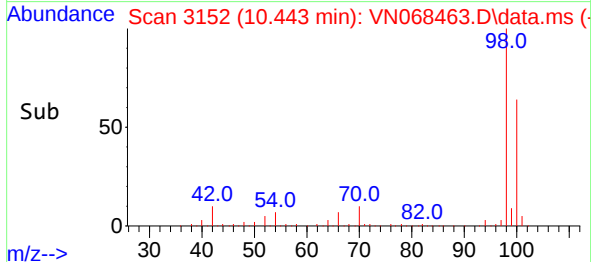
Instrument :
MSVOA_N
ClientSampleId :
VN0913WBSD01



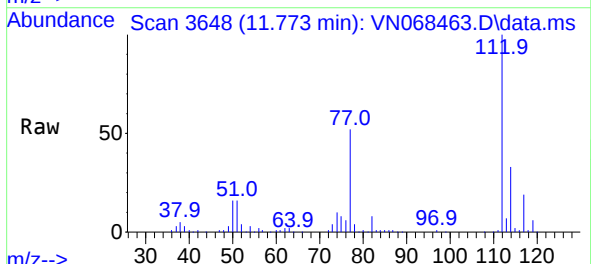
Tgt Ion: 98 Resp: 58837
Ion Ratio Lower Upper
98 100
100 63.2 50.9 76.3

Manual Integrations
APPROVED

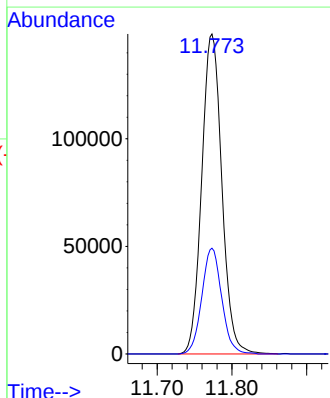
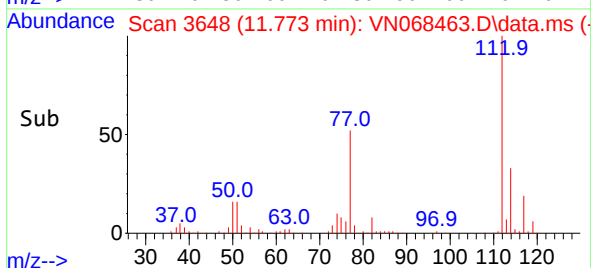
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021

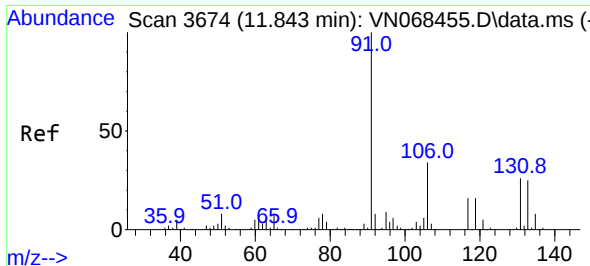


#64
Chlorobenzene
Concen: 18.070 ug/l
RT: 11.773 min Scan# 3648
Delta R.T. -0.000 min
Lab File: VN068463.D
Acq: 13 Sep 2021 17:52



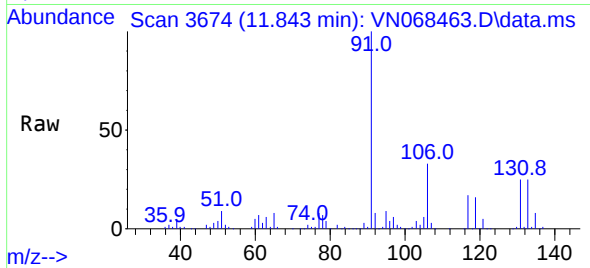
Tgt Ion:112 Resp: 278599
Ion Ratio Lower Upper
112 100
114 33.0 25.8 38.6





#65
1,1,1,2-Tetrachloroethane
Concen: 18.016 ug/l
RT: 11.843 min Scan# 3674
Delta R.T. -0.000 min
Lab File: VN068463.D
Acq: 13 Sep 2021 17:52

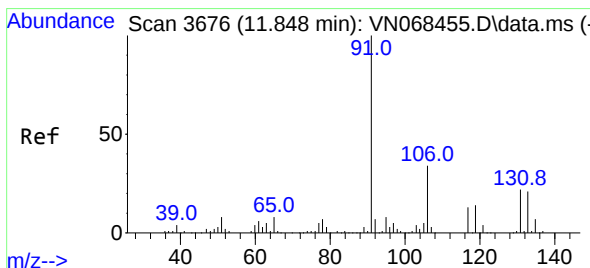
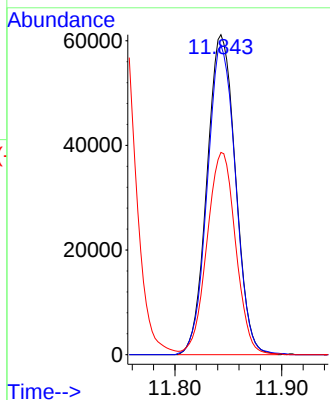
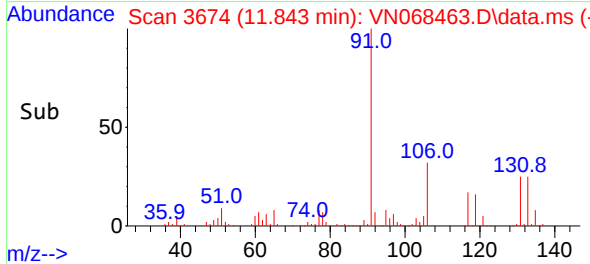
Instrument :
MSVOA_N
ClientSampleId :
VN0913WBSD01



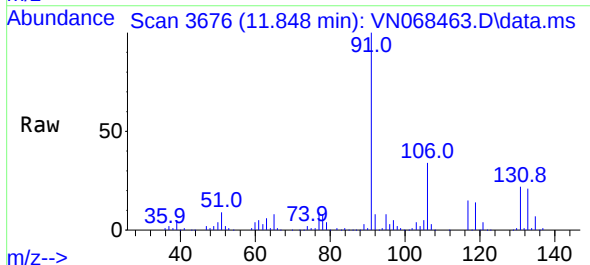
Tgt Ion:131 Resp: 113360
Ion Ratio Lower Upper
131 100
133 96.1 0.0 192.2
119 63.8 0.0 127.0

Manual Integrations
APPROVED

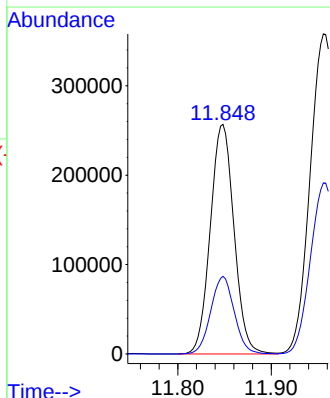
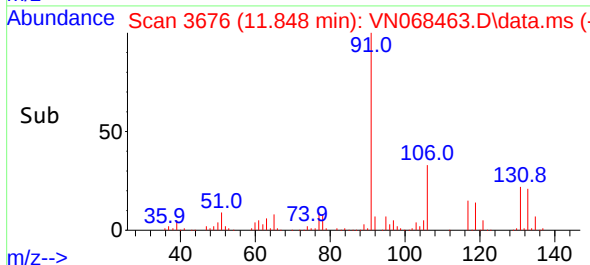
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021

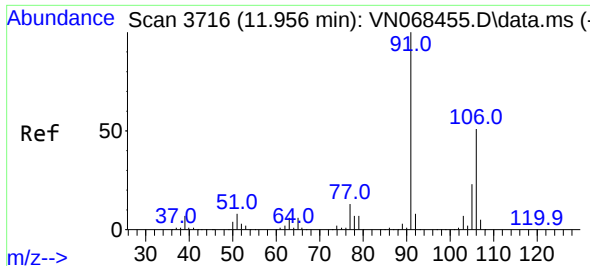


#66
Ethyl Benzene
Concen: 17.814 ug/l
RT: 11.848 min Scan# 3676
Delta R.T. -0.000 min
Lab File: VN068463.D
Acq: 13 Sep 2021 17:52



Tgt Ion: 91 Resp: 452587
Ion Ratio Lower Upper
91 100
106 33.8 27.2 40.8





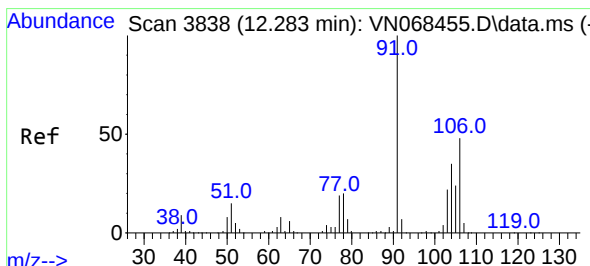
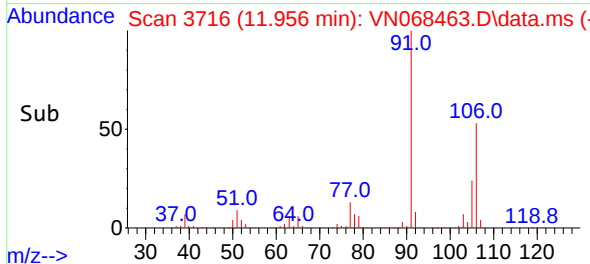
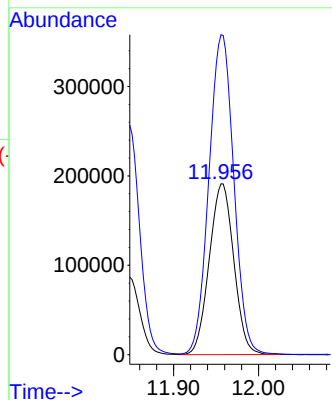
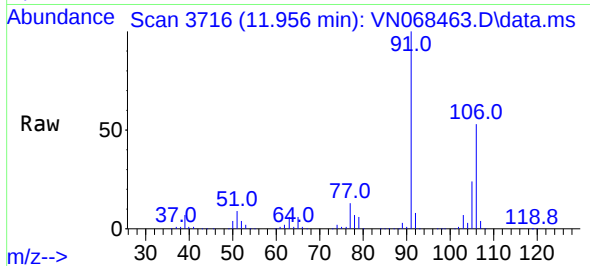
#67
m/p-Xylenes
Concen: 36.598 ug/l
RT: 11.956 min Scan# 3716
Delta R.T. -0.000 min
Lab File: VN068463.D
Acq: 13 Sep 2021 17:52

Instrument :
MSVOA_N
ClientSampleId :
VN0913WBSD01

Tgt Ion:106 Resp: 38326
Ion Ratio Lower Upper
106 100
91 190.0 152.7 229.1

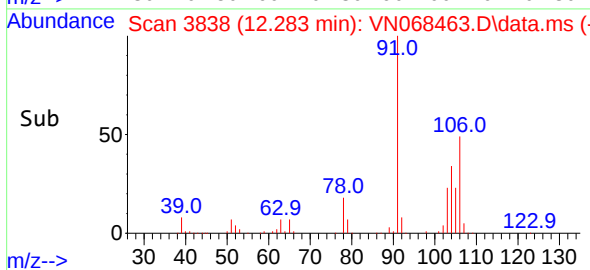
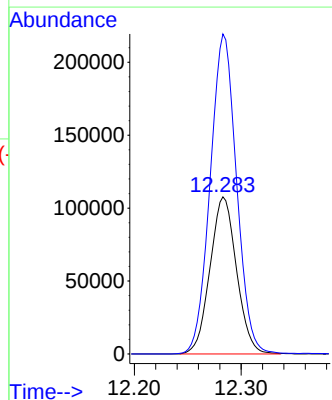
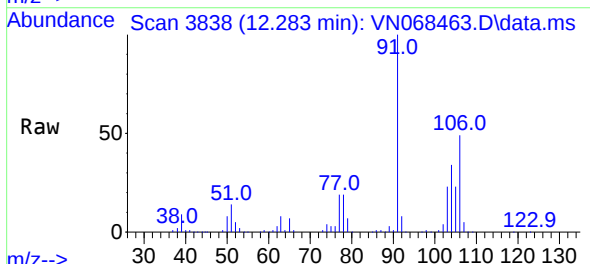
Manual Integrations
APPROVED

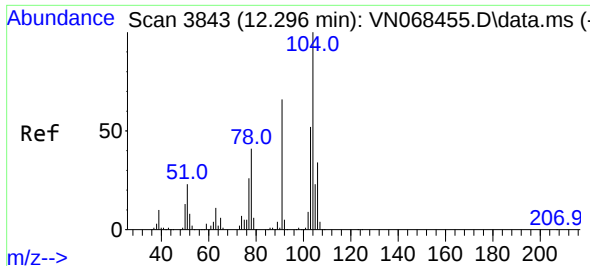
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021



#68
o-Xylene
Concen: 17.974 ug/l
RT: 12.283 min Scan# 3838
Delta R.T. -0.000 min
Lab File: VN068463.D
Acq: 13 Sep 2021 17:52

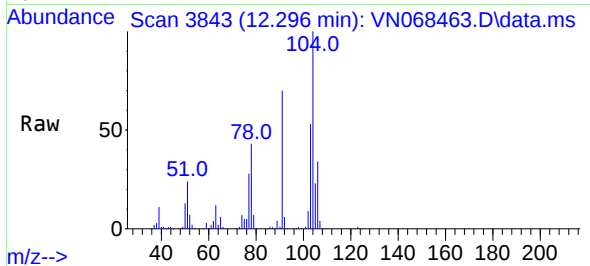
Tgt Ion:106 Resp: 185841
Ion Ratio Lower Upper
106 100
91 202.7 101.5 304.5





#69
Styrene
Concen: 17.817 ug/l
RT: 12.296 min Scan# 3843
Delta R.T. -0.000 min
Lab File: VN068463.D
Acq: 13 Sep 2021 17:52

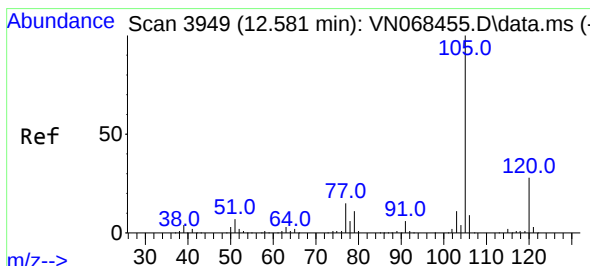
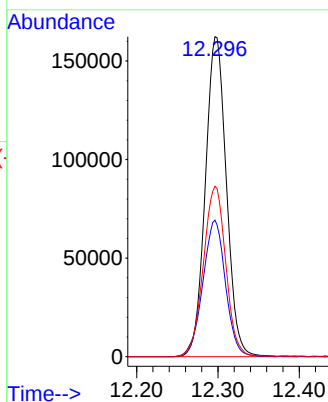
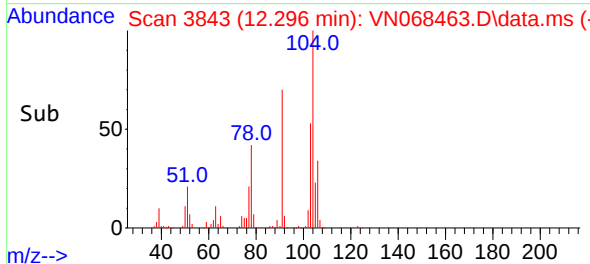
Instrument :
MSVOA_N
ClientSampleId :
VN0913WBSD01



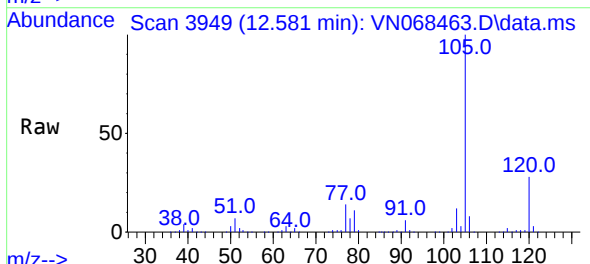
Tgt Ion:104 Resp: 292118
Ion Ratio Lower Upper
104 100
78 45.9 36.5 54.7
103 56.8 43.5 65.3

Manual Integrations
APPROVED

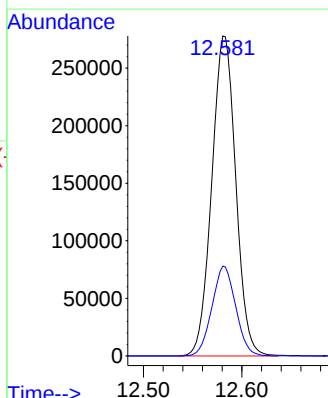
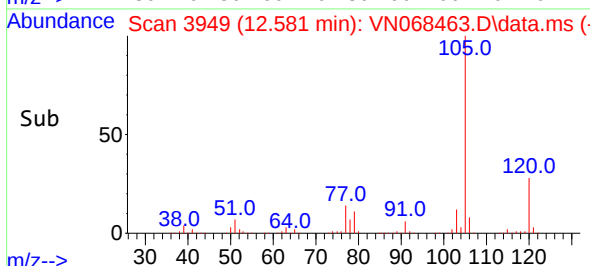
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021

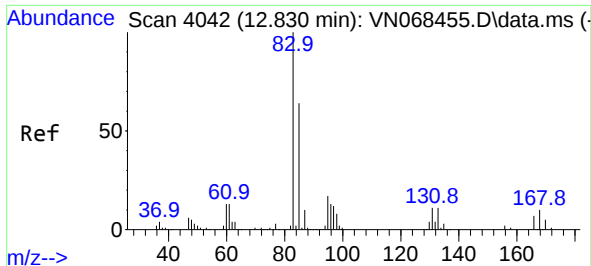


#70
Isopropylbenzene
Concen: 17.972 ug/l
RT: 12.581 min Scan# 3949
Delta R.T. -0.000 min
Lab File: VN068463.D
Acq: 13 Sep 2021 17:52



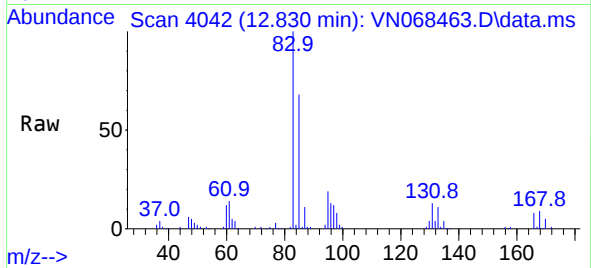
Tgt Ion:105 Resp: 471813
Ion Ratio Lower Upper
105 100
120 27.8 19.7 36.5





#71
1,1,2,2-Tetrachloroethane
Concen: 18.808 ug/l
RT: 12.830 min Scan# 4042
Delta R.T. -0.000 min
Lab File: VN068463.D
Acq: 13 Sep 2021 17:52

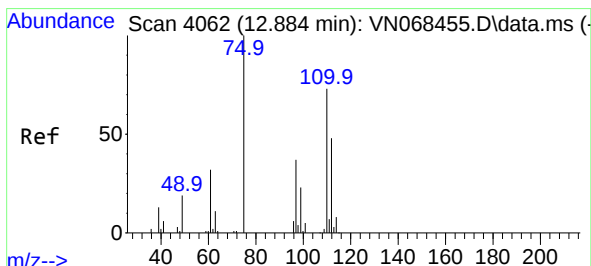
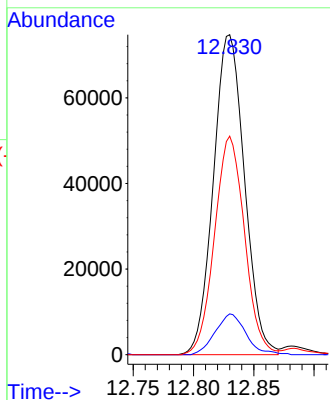
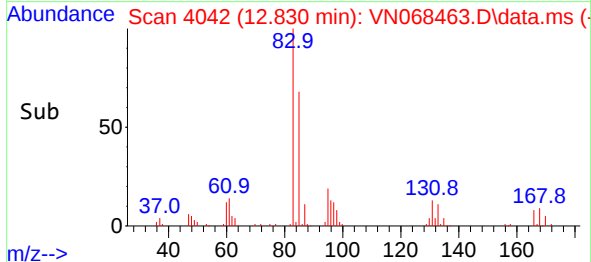
Instrument :
MSVOA_N
ClientSampleId :
VN0913WBSD01



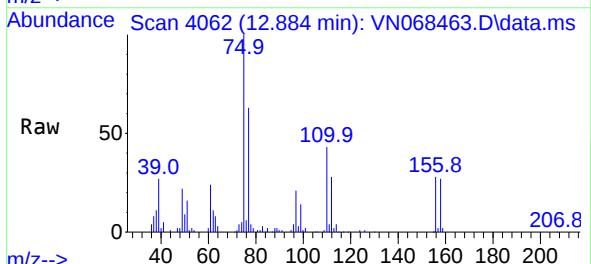
Tgt Ion: 83 Resp: 134402
Ion Ratio Lower Upper
83 100
131 12.5 5.9 17.7
85 65.8 31.9 95.9

Manual Integrations
APPROVED

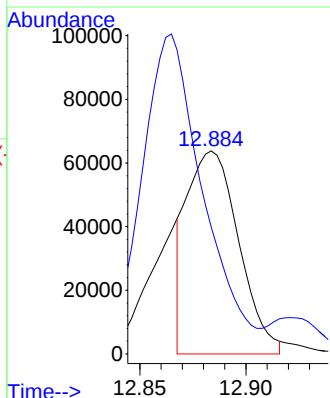
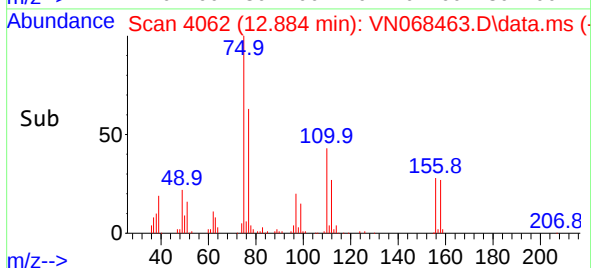
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021

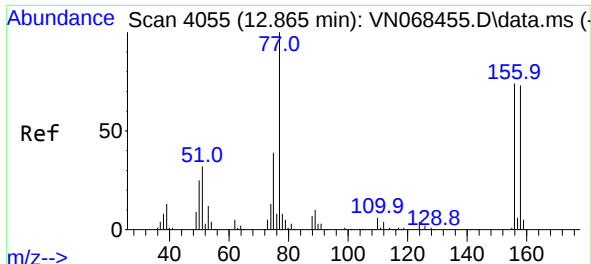


#72
1,2,3-Trichloropropane
Concen: 18.153 ug/l m
RT: 12.884 min Scan# 4062
Delta R.T. -0.000 min
Lab File: VN068463.D
Acq: 13 Sep 2021 17:52



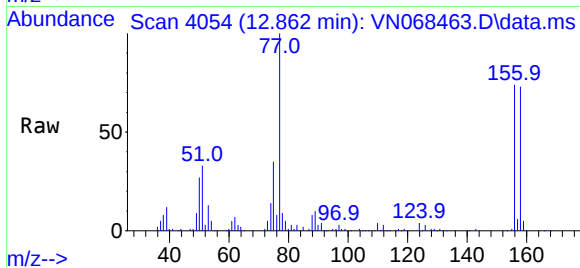
Tgt Ion: 75 Resp: 107989
Ion Ratio Lower Upper
75 100
77 188.3 0.0 357.6





#73
Bromobenzene
Concen: 17.551 ug/l
RT: 12.862 min Scan# 4054
Delta R.T. -0.003 min
Lab File: VN068463.D
Acq: 13 Sep 2021 17:52

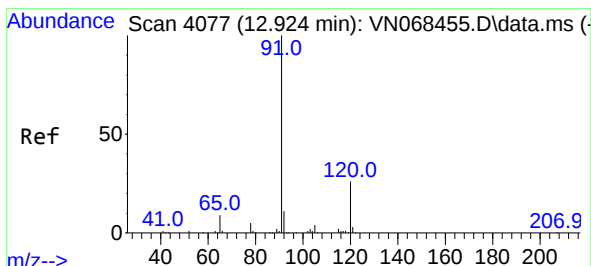
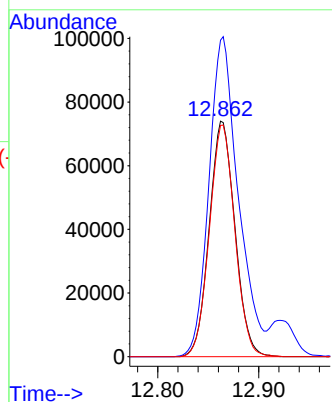
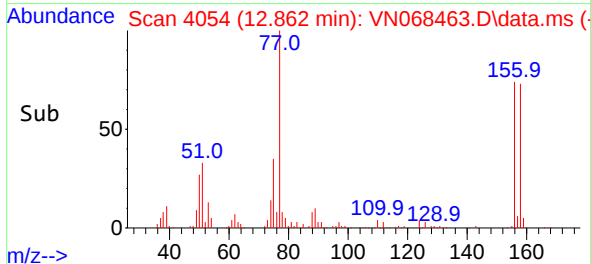
Instrument :
MSVOA_N
ClientSampleId :
VN0913WBSD01



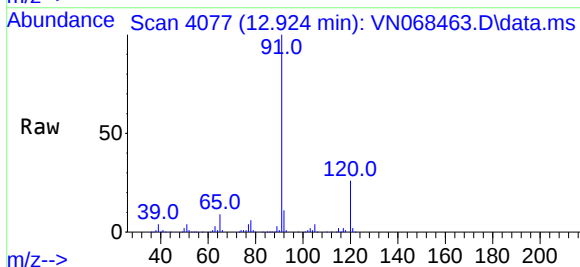
Tgt Ion:156 Resp: 13079
Ion Ratio Lower Upper
156 100
77 155.5 0.0 318.8
158 97.4 0.0 196.2

Manual Integrations
APPROVED

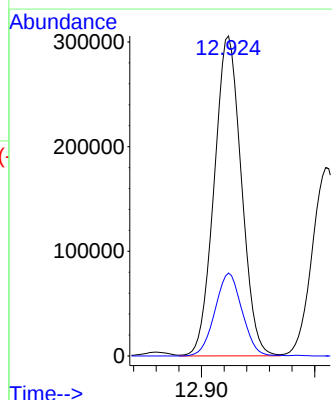
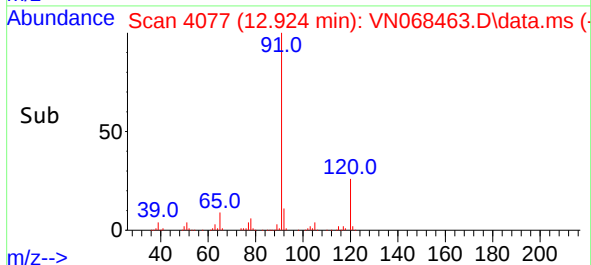
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021

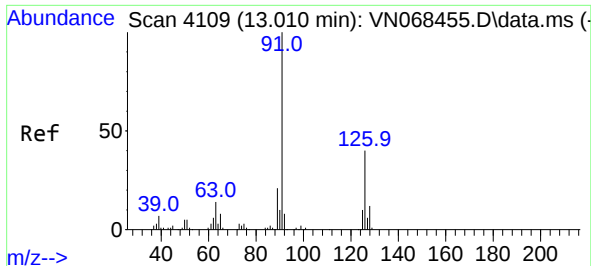


#74
n-propylbenzene
Concen: 17.962 ug/l
RT: 12.924 min Scan# 4077
Delta R.T. -0.000 min
Lab File: VN068463.D
Acq: 13 Sep 2021 17:52



Tgt Ion: 91 Resp: 508521
Ion Ratio Lower Upper
91 100
120 25.8 0.0 51.6





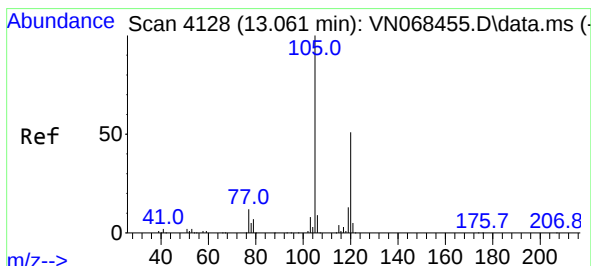
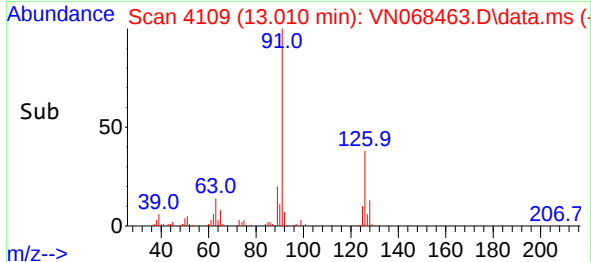
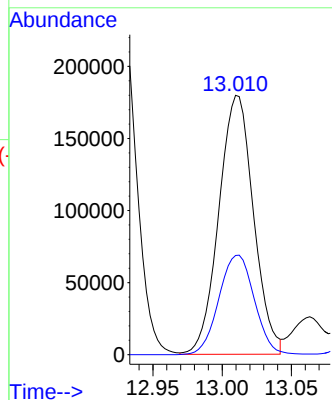
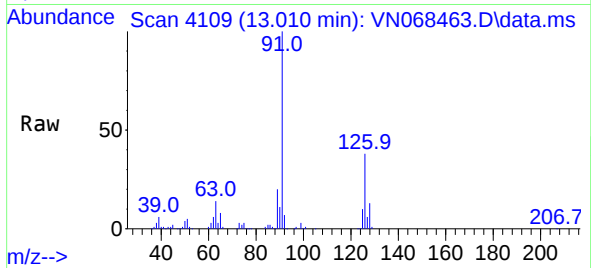
#75
2-Chlorotoluene
Concen: 18.388 ug/l
RT: 13.010 min Scan# 4109
Delta R.T. -0.000 min
Lab File: VN068463.D
Acq: 13 Sep 2021 17:52

Instrument :
MSVOA_N
ClientSampleId :
VN0913WBSD01

Tgt Ion: 91 Resp: 313310
Ion Ratio Lower Upper
91 100
126 39.4 0.0 77.2

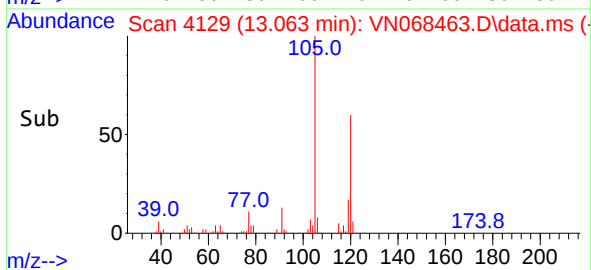
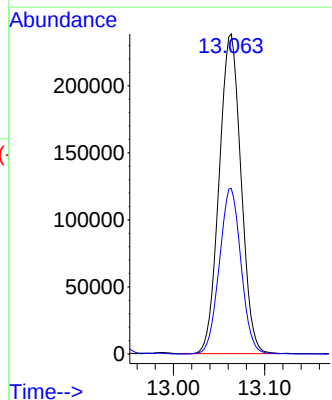
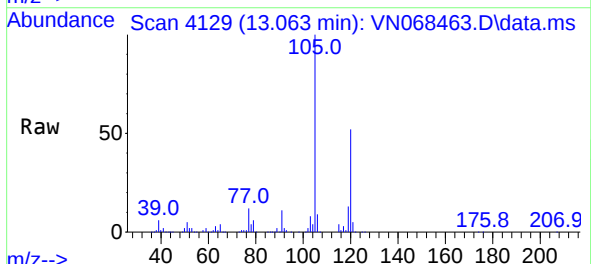
Manual Integrations
APPROVED

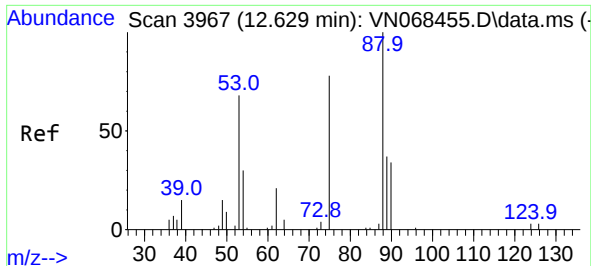
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021



#76
1,3,5-Trimethylbenzene
Concen: 18.136 ug/l
RT: 13.063 min Scan# 4129
Delta R.T. 0.003 min
Lab File: VN068463.D
Acq: 13 Sep 2021 17:52

Tgt Ion:105 Resp: 397503
Ion Ratio Lower Upper
105 100
120 51.3 0.0 103.4





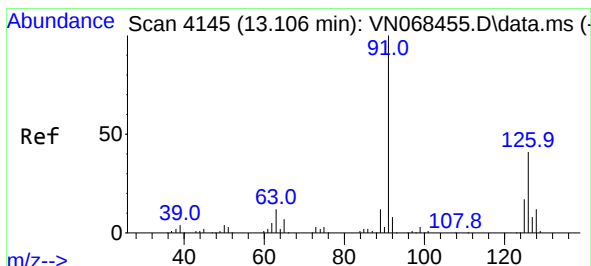
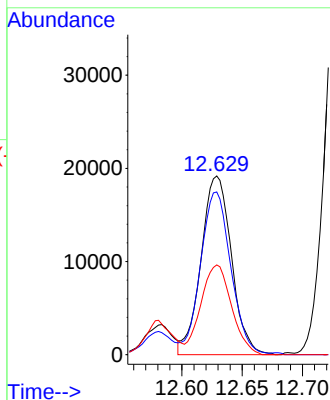
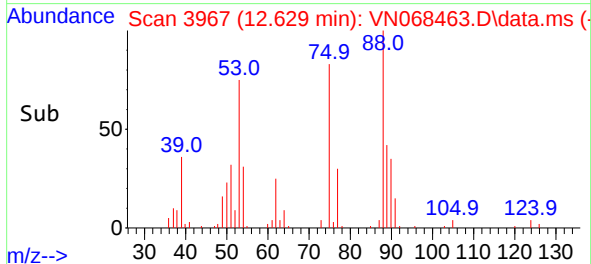
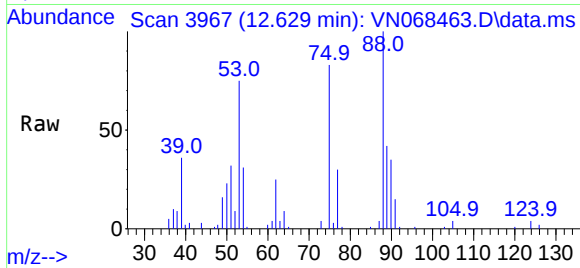
#77
t-1,4-Dichloro-2-butene
Concen: 17.121 ug/l
RT: 12.629 min Scan# 3967
Delta R.T. -0.000 min
Lab File: VN068463.D
Acq: 13 Sep 2021 17:52

Instrument :
MSVOA_N
ClientSampleId :
VN0913WBSD01

Tgt Ion: 75 Resp: 33608
Ion Ratio Lower Upper
75 100
53 89.9 43.8 131.4
89 49.3 26.2 78.6

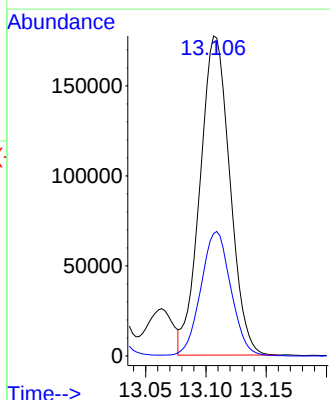
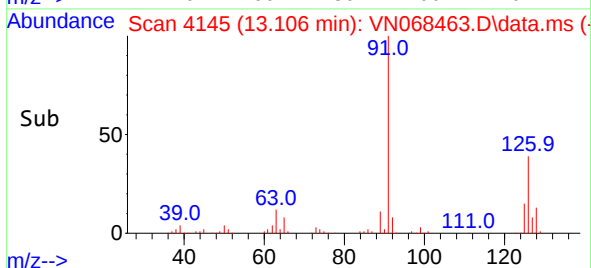
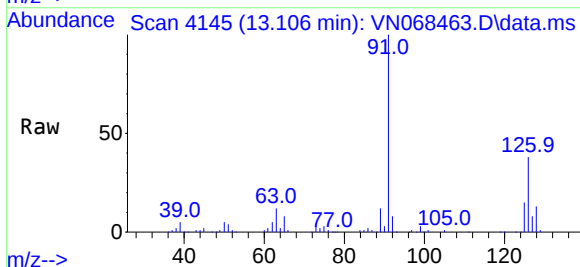
Manual Integrations
APPROVED

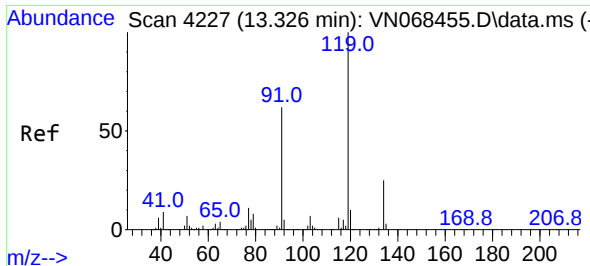
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021



#78
4-Chlorotoluene
Concen: 18.644 ug/l
RT: 13.106 min Scan# 4145
Delta R.T. -0.000 min
Lab File: VN068463.D
Acq: 13 Sep 2021 17:52

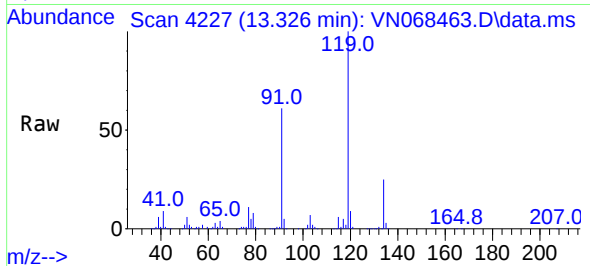
Tgt Ion: 91 Resp: 304858
Ion Ratio Lower Upper
91 100
126 39.1 0.0 77.8





#79
tert-butylbenzene
Concen: 18.367 ug/l
RT: 13.326 min Scan# 4227
Delta R.T. -0.000 min
Lab File: VN068463.D
Acq: 13 Sep 2021 17:52

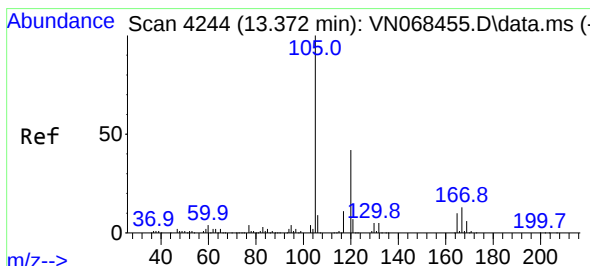
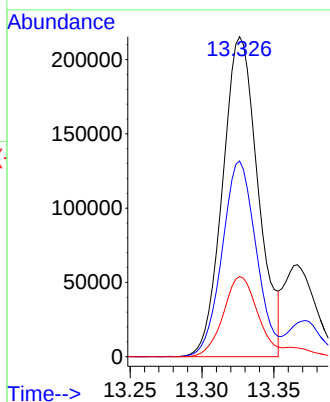
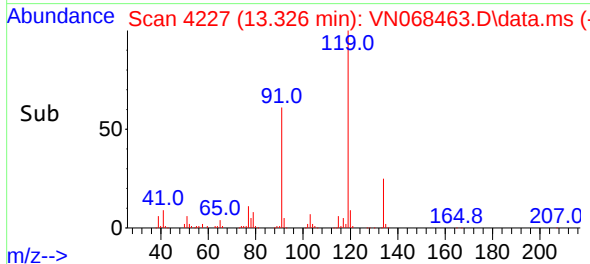
Instrument :
MSVOA_N
ClientSampleId :
VN0913WBSD01



Tgt Ion:119 Resp: 36983
Ion Ratio Lower Upper
119 100
91 58.6 0.0 120.0
134 24.4 0.0 54.0

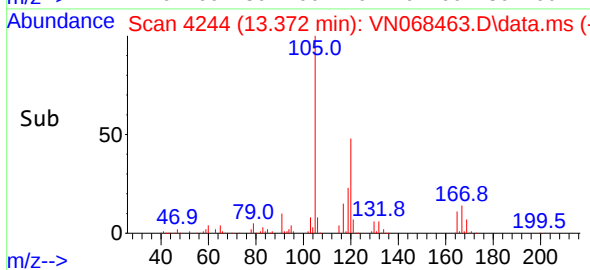
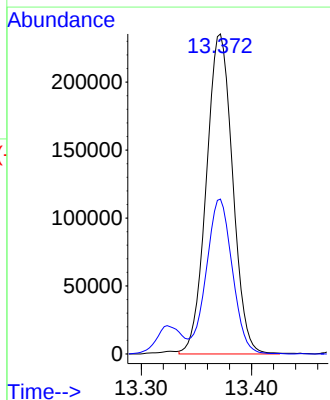
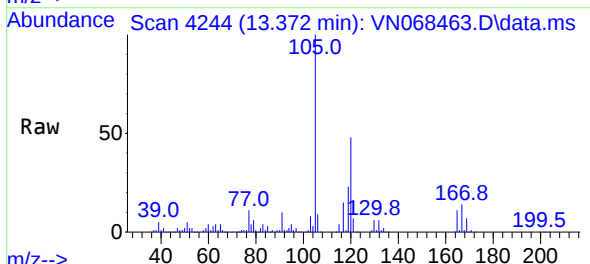
Manual Integrations
APPROVED

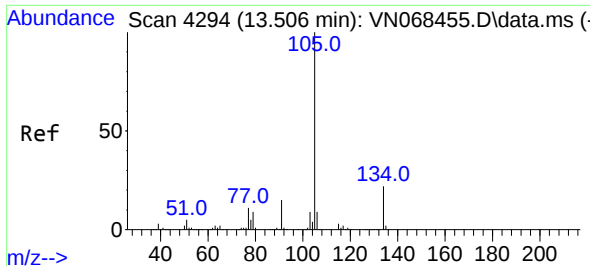
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021



#80
1,2,4-Trimethylbenzene
Concen: 18.390 ug/l m
RT: 13.372 min Scan# 4244
Delta R.T. -0.000 min
Lab File: VN068463.D
Acq: 13 Sep 2021 17:52

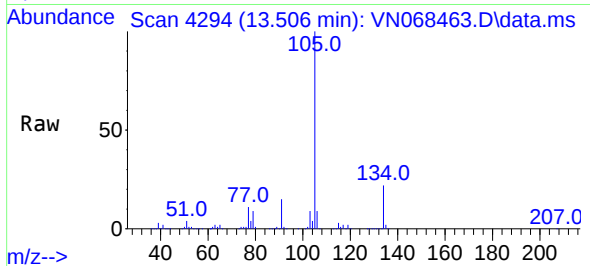
Tgt Ion:105 Resp: 389951
Ion Ratio Lower Upper
105 100
120 0.1 0.0 0.4





#81
 sec-Butylbenzene
 Concen: 17.901 ug/l
 RT: 13.506 min Scan# 4294
 Delta R.T. -0.000 min
 Lab File: VN068463.D
 Acq: 13 Sep 2021 17:52

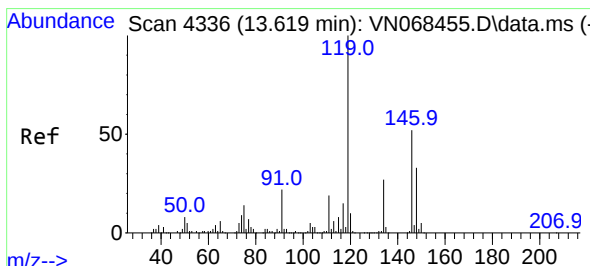
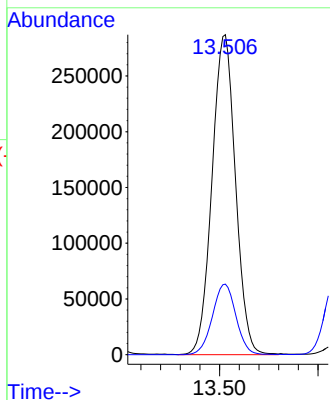
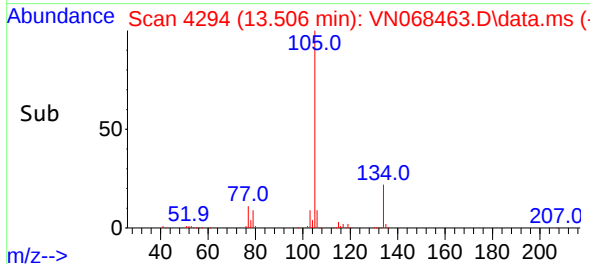
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0913WBSD01



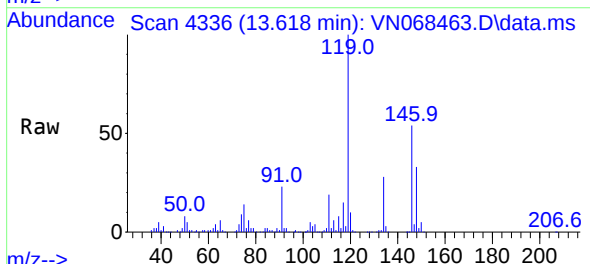
Tgt Ion:105 Resp: 476478
 Ion Ratio Lower Upper
 105 100
 134 22.1 0.0 43.8

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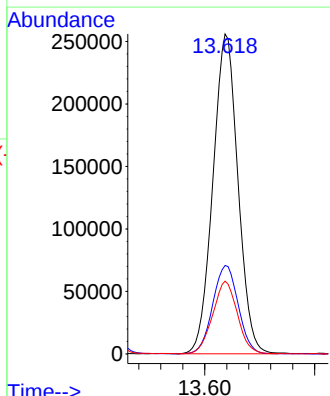
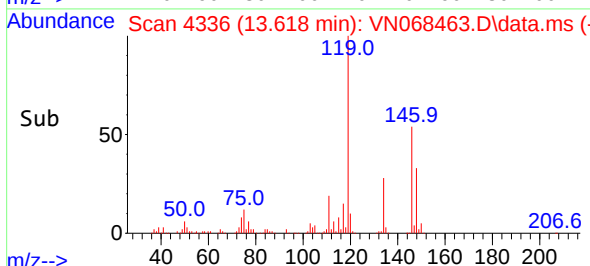
Reviewed By :John Carlone 09/14/2021
 Supervised By :Mahesh Dadoda 09/14/2021

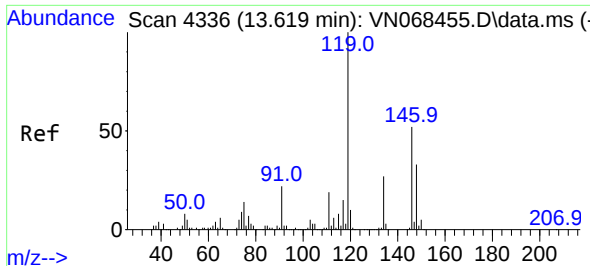


#82
 p-Isopropyltoluene
 Concen: 17.693 ug/l
 RT: 13.618 min Scan# 4336
 Delta R.T. -0.000 min
 Lab File: VN068463.D
 Acq: 13 Sep 2021 17:52



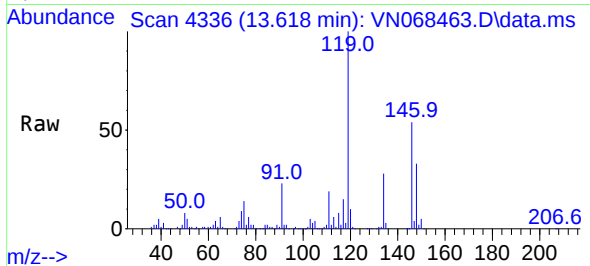
Tgt Ion:119 Resp: 403940
 Ion Ratio Lower Upper
 119 100
 134 28.2 0.0 55.4
 91 22.4 0.0 44.4





#83
1,3-Dichlorobenzene
Concen: 18.134 ug/l
RT: 13.618 min Scan# 4336
Delta R.T. -0.000 min
Lab File: VN068463.D
Acq: 13 Sep 2021 17:52

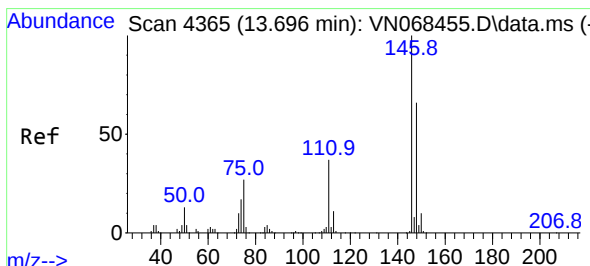
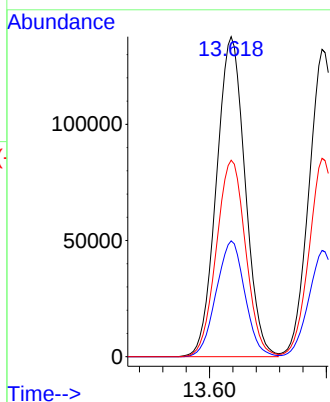
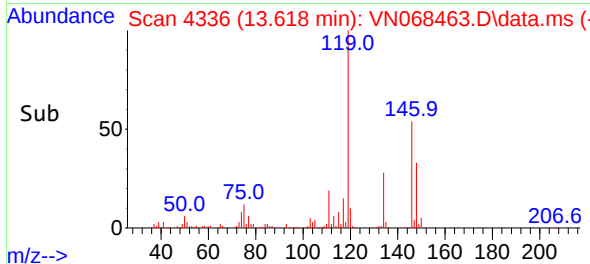
Instrument :
MSVOA_N
ClientSampleId :
VN0913WBSD01



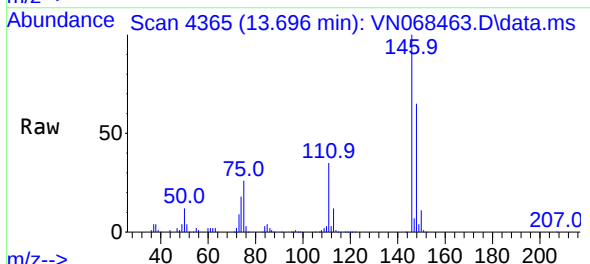
Tgt Ion:146 Resp: 23490
Ion Ratio Lower Upper
146 100
111 36.2 18.4 55.2
148 62.8 32.0 96.0

Manual Integrations
APPROVED

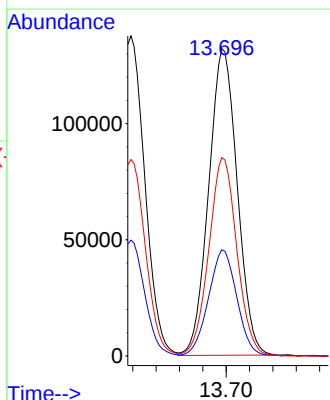
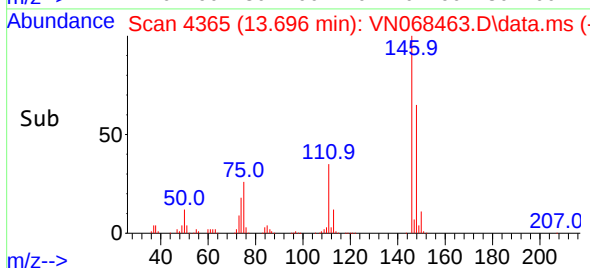
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021

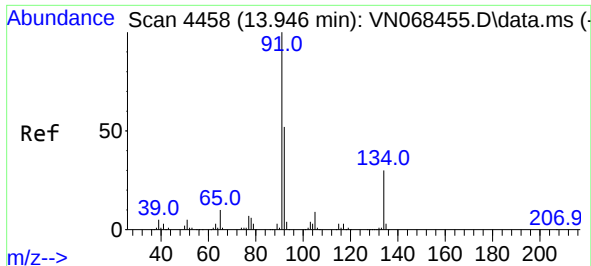


#84
1,4-Dichlorobenzene
Concen: 18.046 ug/l
RT: 13.696 min Scan# 4365
Delta R.T. -0.000 min
Lab File: VN068463.D
Acq: 13 Sep 2021 17:52



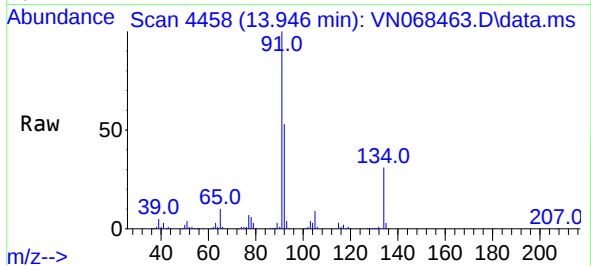
Tgt Ion:146 Resp: 223935
Ion Ratio Lower Upper
146 100
111 34.5 18.2 54.6
148 63.7 32.6 97.7





#85
n-Butylbenzene
Concen: 17.030 ug/l
RT: 13.946 min Scan# 4458
Delta R.T. -0.000 min
Lab File: VN068463.D
Acq: 13 Sep 2021 17:52

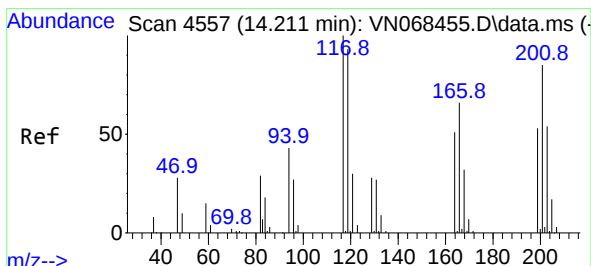
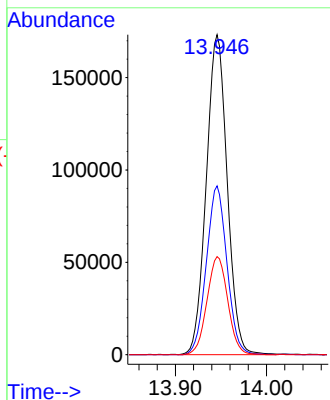
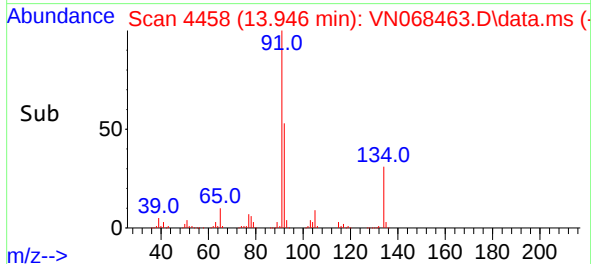
Instrument :
MSVOA_N
ClientSampleId :
VN0913WBSD01



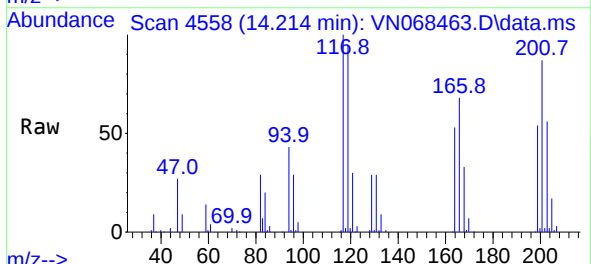
Tgt Ion: 91 Resp: 276540
Ion Ratio Lower Upper
91 100
92 51.9 0.0 102.4
134 30.4 0.0 58.8

Manual Integrations
APPROVED

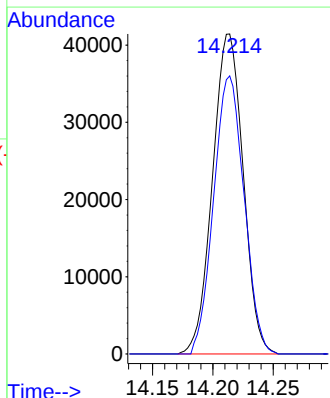
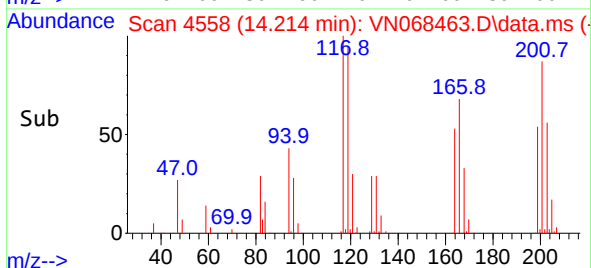
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021

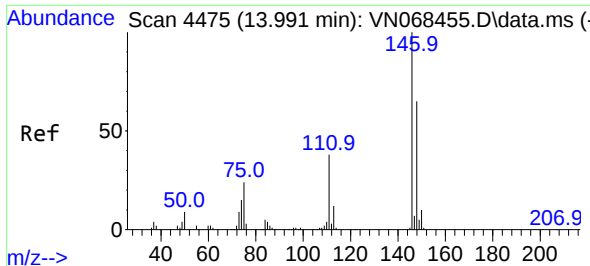


#86
Hexachloroethane
Concen: 17.455 ug/l
RT: 14.214 min Scan# 4558
Delta R.T. 0.003 min
Lab File: VN068463.D
Acq: 13 Sep 2021 17:52



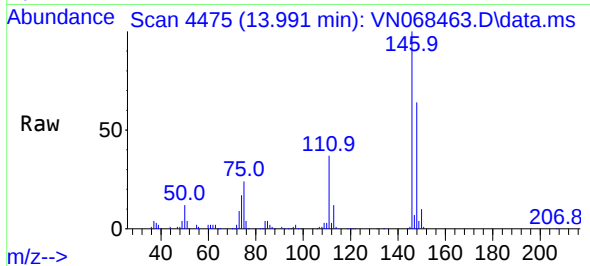
Tgt Ion:117 Resp: 73200
Ion Ratio Lower Upper
117 100
201 86.4 43.6 130.8





#87
1,2-Dichlorobenzene
Concen: 18.165 ug/l
RT: 13.991 min Scan# 4475
Delta R.T. -0.000 min
Lab File: VN068463.D
Acq: 13 Sep 2021 17:52

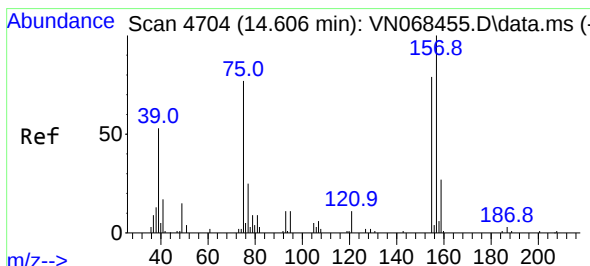
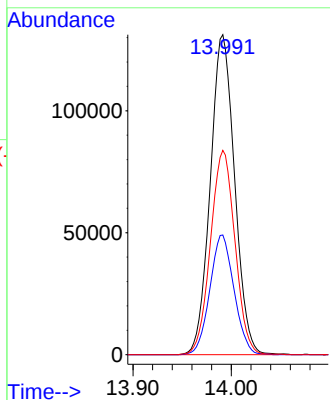
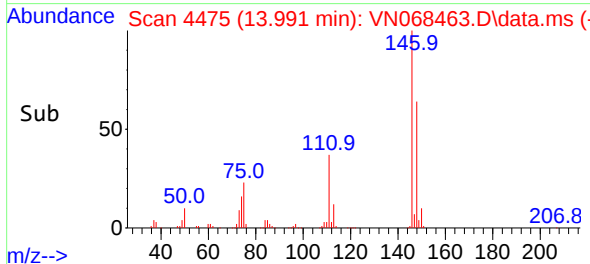
Instrument :
MSVOA_N
ClientSampleId :
VN0913WBSD01



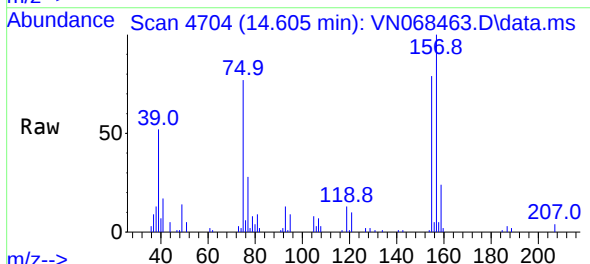
Tgt Ion:146 Resp: 22611
Ion Ratio Lower Upper
146 100
111 37.1 18.6 56.0
148 64.3 31.9 95.5

Manual Integrations
APPROVED

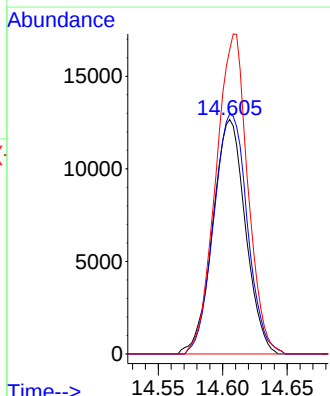
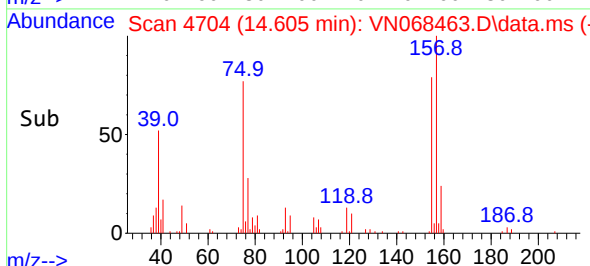
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021

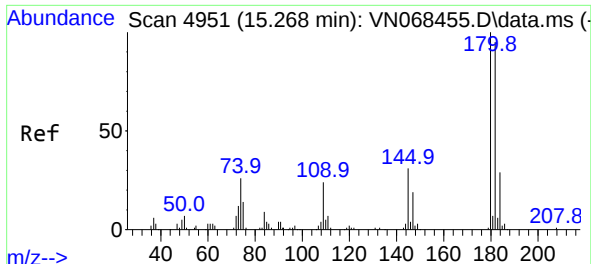


#88
1,2-Dibromo-3-Chloropropane
Concen: 18.477 ug/l
RT: 14.605 min Scan# 4704
Delta R.T. -0.000 min
Lab File: VN068463.D
Acq: 13 Sep 2021 17:52



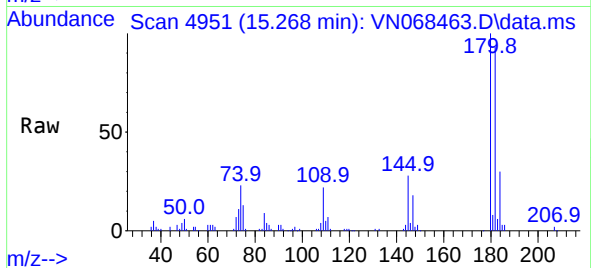
Tgt Ion: 75 Resp: 22326
Ion Ratio Lower Upper
75 100
155 105.1 83.3 124.9
157 133.4 104.9 157.3





#89
1,2,4-Trichlorobenzene
Concen: 16.352 ug/l
RT: 15.268 min Scan# 4951
Delta R.T. -0.000 min
Lab File: VN068463.D
Acq: 13 Sep 2021 17:52

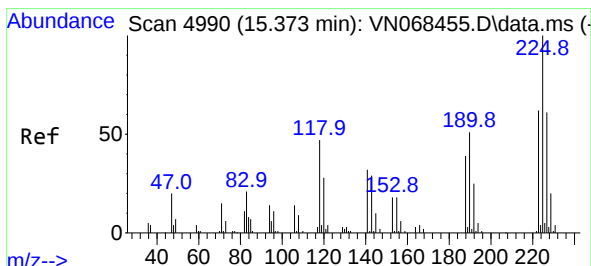
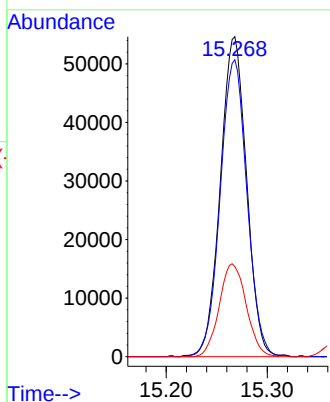
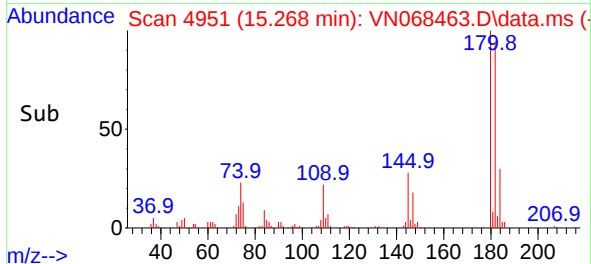
Instrument :
MSVOA_N
ClientSampleId :
VN0913WBSD01



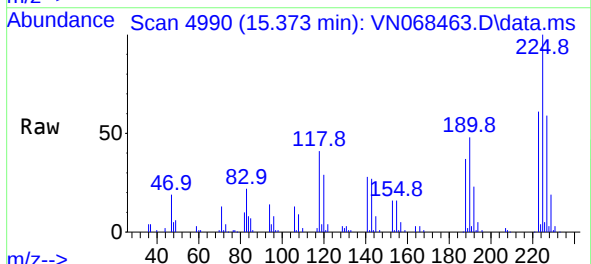
Tgt Ion:180 Resp: 98340
Ion Ratio Lower Upper
180 100
182 94.7 77.0 115.4
145 30.0 24.6 36.8

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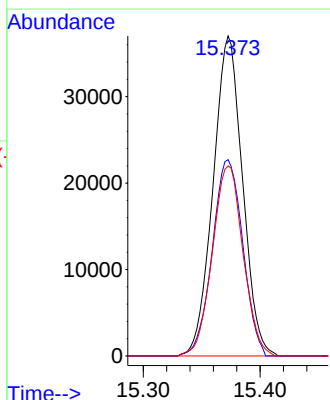
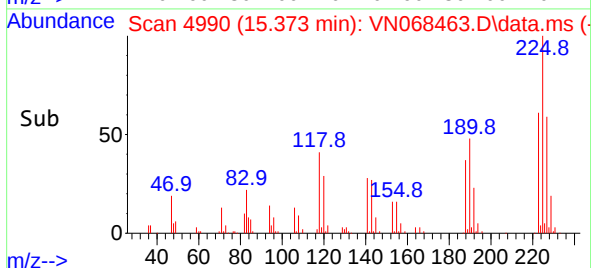
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021

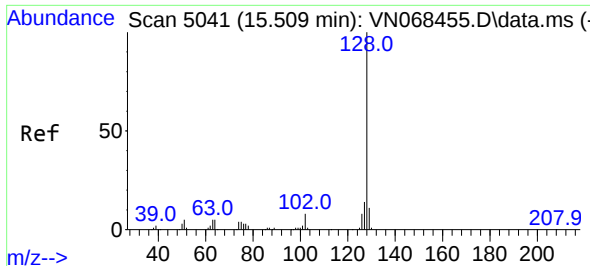


#90
Hexachlorobutadiene
Concen: 17.026 ug/l
RT: 15.373 min Scan# 4990
Delta R.T. -0.000 min
Lab File: VN068463.D
Acq: 13 Sep 2021 17:52



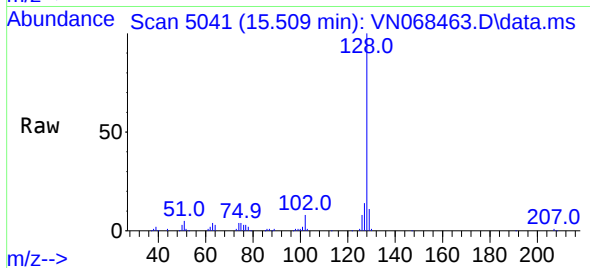
Tgt Ion:225 Resp: 64765
Ion Ratio Lower Upper
225 100
223 63.4 0.0 128.4
227 62.1 0.0 127.8





#91
Naphthalene
Concen: 16.573 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. -0.000 min
Lab File: VN068463.D
Acq: 13 Sep 2021 17:52

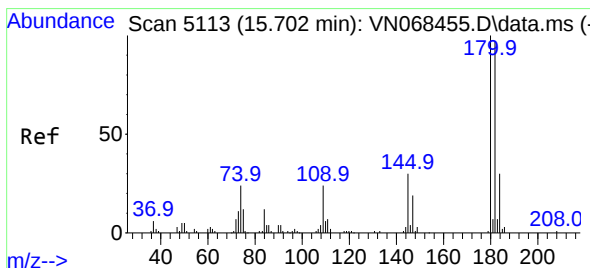
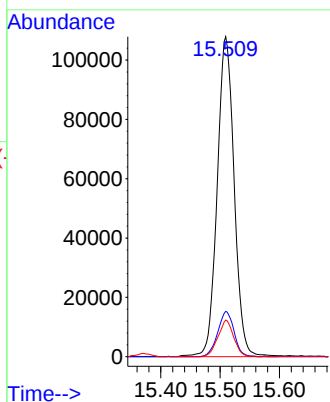
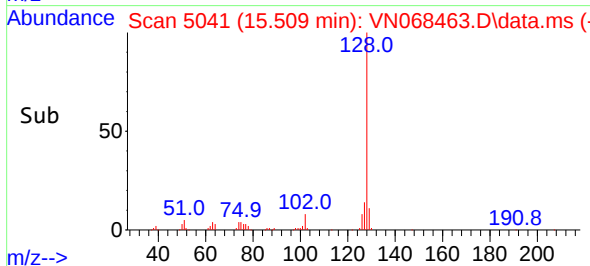
Instrument :
MSVOA_N
ClientSampleId :
VN0913WBSD01



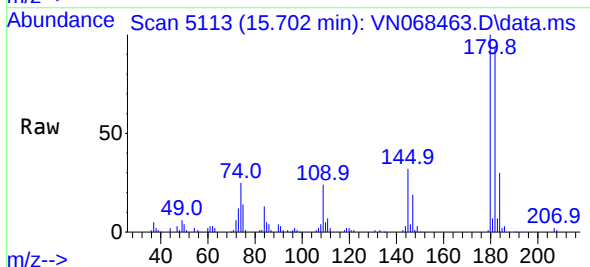
Tgt Ion:128 Resp: 215019
Ion Ratio Lower Upper
128 100
127 13.6 10.6 15.8
129 10.6 8.8 13.2

Manual Integrations
APPROVED

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



#92
1,2,3-Trichlorobenzene
Concen: 16.594 ug/l
RT: 15.702 min Scan# 5113
Delta R.T. -0.000 min
Lab File: VN068463.D
Acq: 13 Sep 2021 17:52



Tgt Ion:180 Resp: 93991
Ion Ratio Lower Upper
180 100
182 94.6 0.0 191.2
145 31.1 0.0 61.8

