

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091321\
 Data File : VN068460.D
 Acq On : 13 Sep 2021 16:13
 Operator : JC/MD
 Sample : VSTDICV020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN091321

Manual Integrations
 APPROVED

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

Quant Time: Sep 14 04:26:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N091321W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Sep 14 04:23:31 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.662	128	105805	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.971	114	574751	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.746	117	522480	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.440	65	193515	30.970	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 103.233%			
60) 4-Bromofluorobenzene	12.733	95	227497	30.548	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 101.833%			
63) Toluene-d8	10.443	98	696545	30.645	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 102.133%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.075	85	101688	21.101	ug/l	97
3) Chloromethane	2.303	50	96846	20.774	ug/l	98
4) Vinyl Chloride	2.443	62	151944	20.565	ug/l	96
5) Bromomethane	2.858	94	152671	20.803	ug/l	99
6) Chloroethane	3.019	64	105558	20.016	ug/l	97
7) Trichlorofluoromethane	3.373	101	185341	20.350	ug/l	97
8) Diethyl Ether	3.827	74	57295	19.946	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.215	101	105037	20.247	ug/l	99
10) 1,1-Dichloroethene	4.189	96	96051	19.921	ug/l	97
11) Methyl Iodide	4.427	142	132083	17.643	ug/l	98
12) Methyl Acetate	4.859	43	101724	20.286	ug/l	98
13) Acrolein	4.041	56	37058m	91.879	ug/l	
14) Acrylonitrile	5.556	53	211718	97.418	ug/l	99
15) Acetone	4.293	58	63628	107.431	ug/l	100
16) Carbon Disulfide	4.535	76	246234	19.789	ug/l	99
17) Allyl chloride	4.843	41	122816	20.400	ug/l	97
18) Methylene Chloride	5.098	84	114422	19.825	ug/l	97
19) trans-1,2-Dichloroethene	5.605	96	107762	19.947	ug/l	99
20) Diisopropyl ether	6.498	45	270159	20.230	ug/l	99
21) 1,1-Dichloroethane	6.390	63	178099	20.067	ug/l	99
22) cis-1,2-Dichloroethene	7.327	96	128699	19.813	ug/l	98
23) tert-Butyl Alcohol	5.366	59	86507	98.498	ug/l #	100
24) Methyl tert-Butyl Ether	5.618	73	323462	19.702	ug/l	99
25) Chloroform	7.820	83	208566	19.635	ug/l	99
26) Cyclohexane	8.096	56	151362	20.172	ug/l #	100
29) 1,1-Dichloropropene	8.225	75	147935	19.204	ug/l	99
30) 2-Butanone	7.340	43	282013	95.917	ug/l #	98
31) 2,2-Dichloropropane	7.327	77	172413	19.448	ug/l	98
32) 1,1,1-Trichloroethane	8.016	97	196421	18.776	ug/l	99
33) Carbon Tetrachloride	8.209	117	184304	18.848	ug/l	99
34) Benzene	8.464	78	447790	19.062	ug/l	97
35) Methacrylonitrile	7.640	41	50599	17.844	ug/l	93
36) 1,2-Dichloroethane	8.533	62	147336	18.628	ug/l	100
37) Trichloroethene	9.217	130	141818	18.840	ug/l	95
38) Methylcyclohexane	9.461	83	187583	18.944	ug/l	99
39) 1,2-Dichloropropane	9.494	63	105351	19.055	ug/l	96
40) Dibromomethane	9.579	93	84814	18.671	ug/l	96
41) Bromodichloromethane	9.762	83	163241	18.595	ug/l	93
42) Vinyl Acetate	6.439	43	1032677	95.328	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.415	43	107708	17.368	ug/l #	81
44) Isopropyl Acetate	8.563	43	199106	18.757	ug/l	99
45) 1,4-Dioxane	9.571	88	41938	390.724	ug/l	98
46) Methyl methacrylate	9.561	41	79762	18.577	ug/l	97
47) n-amyl Acetate	12.390	43	142378	19.102	ug/l	99
48) t-1,3-Dichloropropene	10.722	75	165729	18.646	ug/l	100
49) cis-1,3-Dichloropropene	10.191	75	177125	18.542	ug/l	99
50) 1,1,2-Trichloroethane	10.902	97	122542	18.667	ug/l	97
51) Ethyl methacrylate	10.765	69	157723	18.714	ug/l	98
52) 1,3-Dichloropropane	11.046	76	182303	18.674	ug/l	99
53) Dibromochloromethane	11.240	129	146312	18.126	ug/l	100
54) 1,2-Dibromoethane	11.347	107	129097	18.337	ug/l	98
55) 2-Chloroethyl vinyl ether	10.043	63	117276	82.198	ug/l	98
56) Bromoform	12.460	173	111032	17.126	ug/l #	100
58) 4-Methyl-2-Pentanone	10.333	43	598642	97.333	ug/l	99
59) 2-Hexanone	11.087	43	416891	97.801	ug/l	99
61) Tetrachloroethene	10.979	164	138106	18.384	ug/l	93
62) Toluene	10.507	91	526890	19.160	ug/l	99
64) Chlorobenzene	11.773	112	343673	18.949	ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.843	131	141636	19.135	ug/l	98
66) Ethyl Benzene	11.848	91	572531	19.157	ug/l	100
67) m/p-Xylenes	11.956	106	481777	39.108	ug/l	100
68) o-Xylene	12.283	106	235022	19.323	ug/l	98
69) Styrene	12.299	104	370532	19.212	ug/l	99
70) Isopropylbenzene	12.583	105	600322	19.439	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.830	83	165039	19.633	ug/l	99
72) 1,2,3-Trichloropropane	12.884	75	131596m	18.805	ug/l	
73) Bromobenzene	12.865	156	164763	18.794	ug/l	97
74) n-propylbenzene	12.924	91	647270	19.435	ug/l	100
75) 2-Chlorotoluene	13.010	91	395058	19.710	ug/l	99
76) 1,3,5-Trimethylbenzene	13.061	105	512822	19.890	ug/l	100
77) t-1,4-Dichloro-2-butene	12.629	75	41226	17.853	ug/l	97
78) 4-Chlorotoluene	13.109	91	389418	20.245	ug/l	100
79) tert-butylbenzene	13.326	119	472357	19.941	ug/l	97
80) 1,2,4-Trimethylbenzene	13.372	105	501842m	20.118	ug/l	
81) sec-Butylbenzene	13.506	105	622505	19.882	ug/l	99
82) p-Isopropyltoluene	13.618	119	534493	19.902	ug/l	99
83) 1,3-Dichlorobenzene	13.618	146	304863	20.007	ug/l	99
84) 1,4-Dichlorobenzene	13.699	146	290109	19.874	ug/l	98
85) n-Butylbenzene	13.946	91	369834	19.361	ug/l	99
86) Hexachloroethane	14.214	117	93438	18.941	ug/l	98
87) 1,2-Dichlorobenzene	13.991	146	287782	19.653	ug/l	100
88) 1,2-Dibromo-3-Chloropr...	14.605	75	27361	19.249	ug/l	94
89) 1,2,4-Trichlorobenzene	15.268	180	132363	18.708	ug/l	97
90) Hexachlorobutadiene	15.372	225	83334	18.624	ug/l	98
91) Naphthalene	15.509	128	309643	20.288	ug/l	100
92) 1,2,3-Trichlorobenzene	15.705	180	130295	19.555	ug/l	99

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

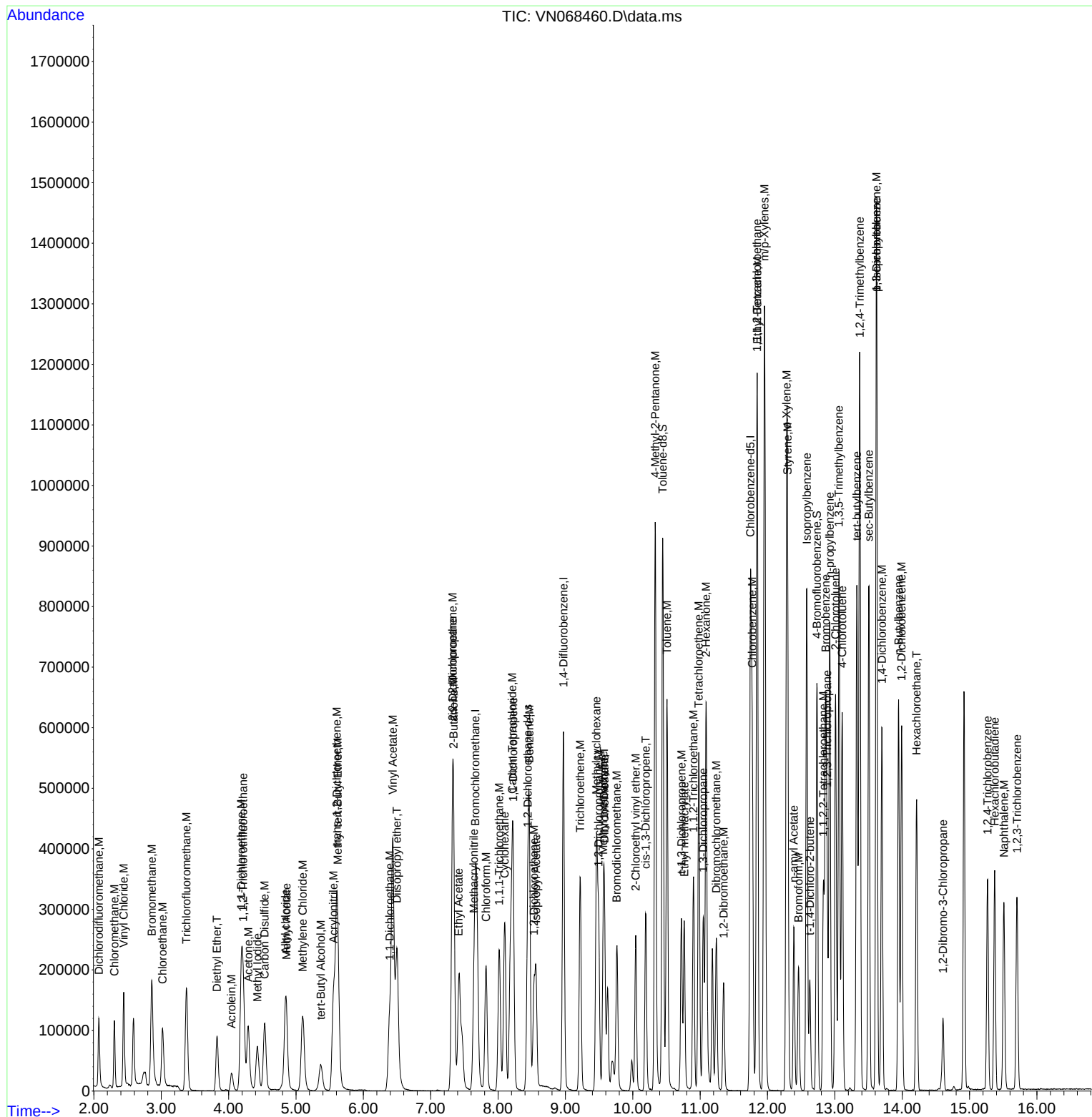
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091321\
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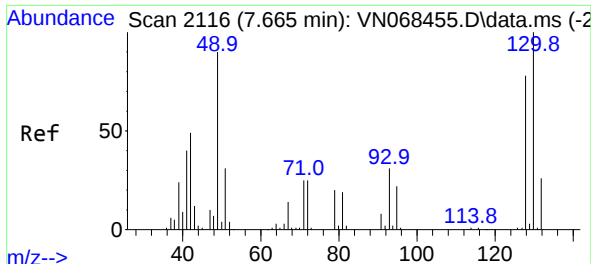
Instrument :
 MSVOA_N
 ClientSampleId :
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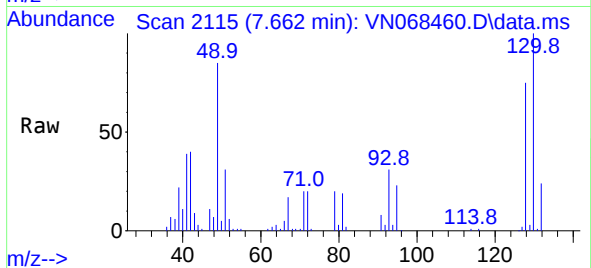
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#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.662 min Scan# 21
Delta R.T. -0.003 min
Lab File: VN068460.D
Acq: 13 Sep 2021 16:13

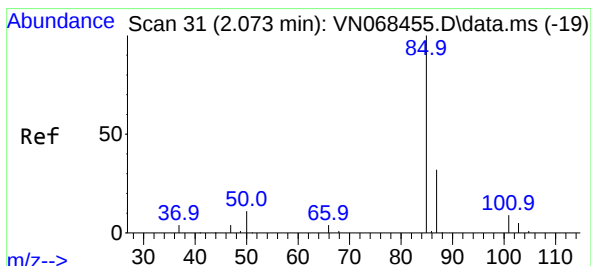
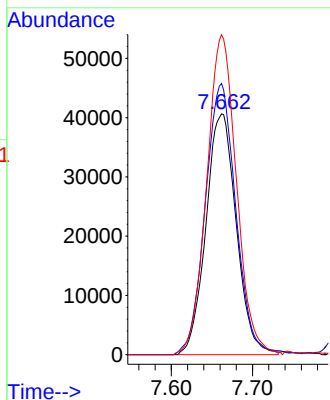
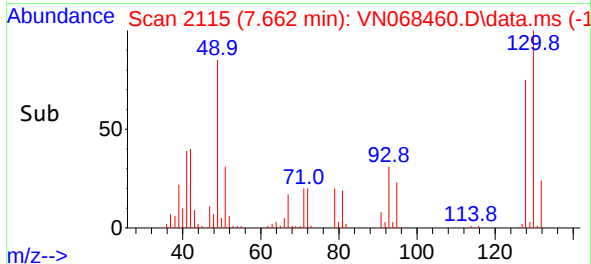
Instrument :
MSVOA_N
ClientSampleId :
ICVVN091321



Tgt Ion:128 Resp: 10580
Ion Ratio Lower Upper
128 100
49 113.3 0.0 292.5
130 130.0 0.0 325.0

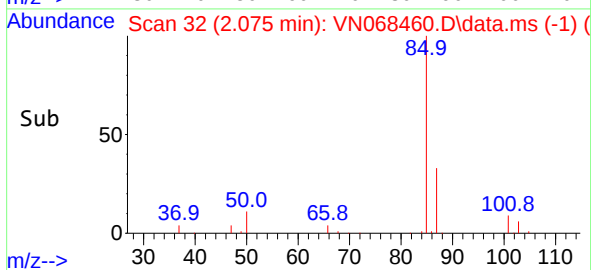
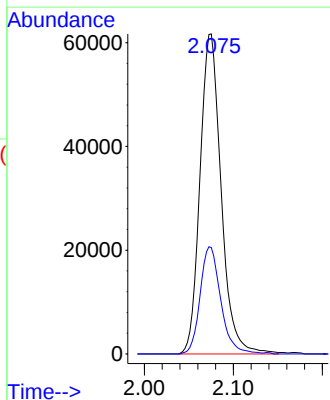
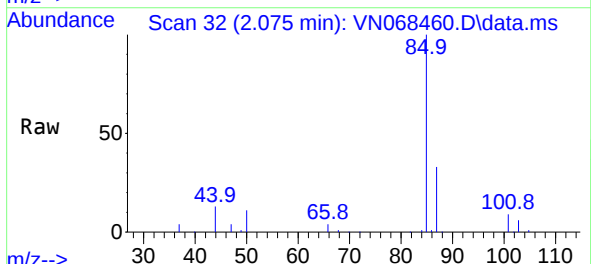
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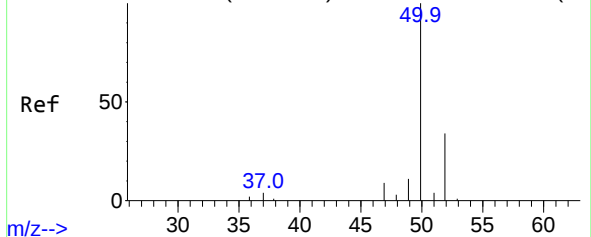


#2
Dichlorodifluoromethane
Concen: 21.101 ug/l
RT: 2.075 min Scan# 32
Delta R.T. 0.003 min
Lab File: VN068460.D
Acq: 13 Sep 2021 16:13

Tgt Ion: 85 Resp: 101688
Ion Ratio Lower Upper
85 100
87 33.3 15.8 47.3



Abundance Scan 117 (2.303 min): VN068455.D\data.ms (-10)



#3

Chloromethane

Concen: 20.774 ug/l

RT: 2.303 min Scan# 117

Delta R.T. -0.000 min

Lab File: VN068460.D

Acq: 13 Sep 2021 16:13

Instrument :

MSVOA_N

ClientSampleId :

ICVVN091321

Tgt Ion: 50 Resp: 96840

Ion Ratio Lower Upper

50 100

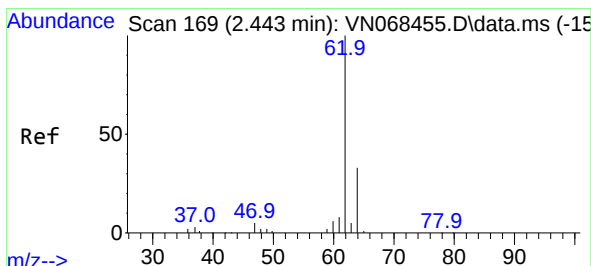
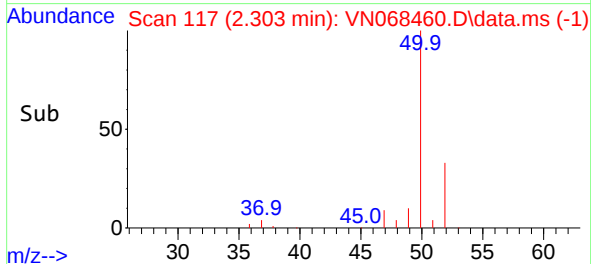
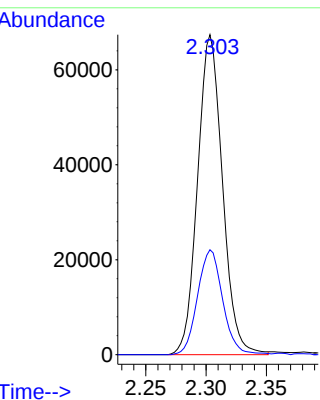
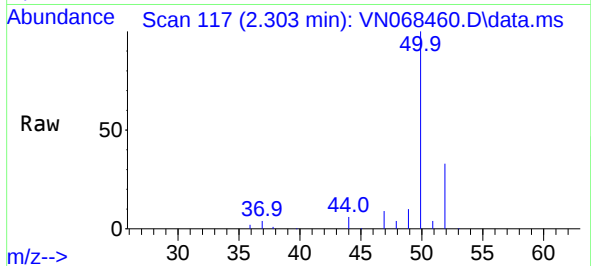
52 32.8 27.0 40.4

Manual Integrations

APPROVED

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#4

Vinyl Chloride

Concen: 20.565 ug/l

RT: 2.443 min Scan# 169

Delta R.T. -0.000 min

Lab File: VN068460.D

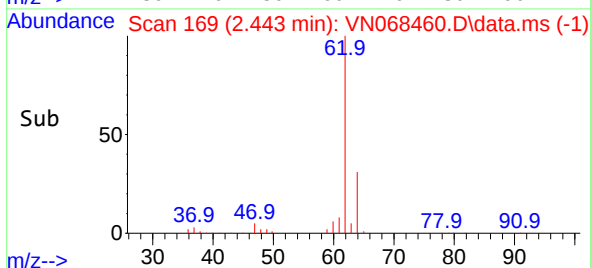
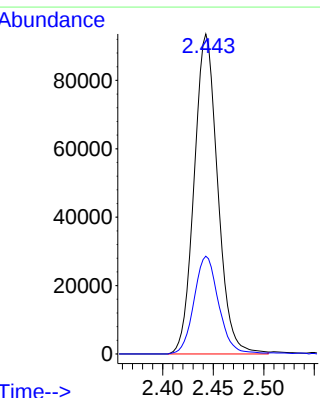
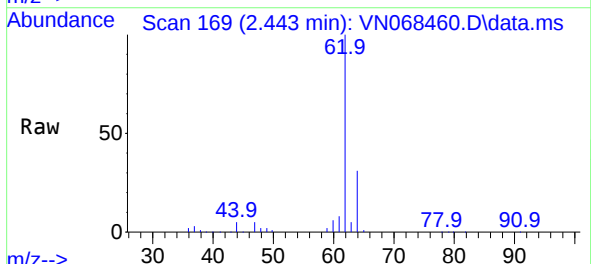
Acq: 13 Sep 2021 16:13

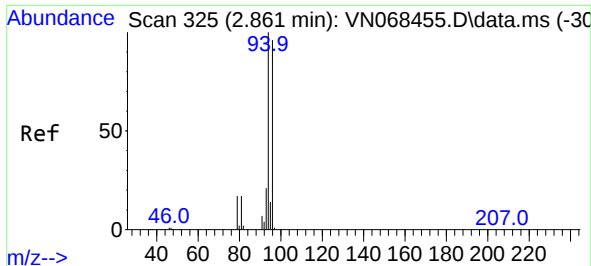
Tgt Ion: 62 Resp: 151944

Ion Ratio Lower Upper

62 100

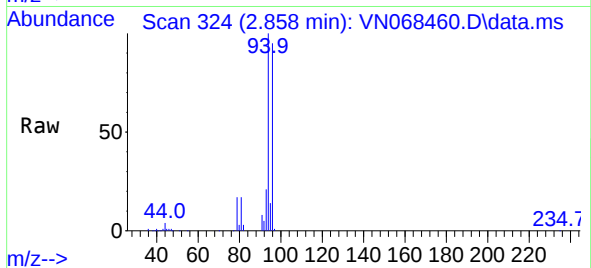
64 30.5 26.1 39.1





#5
Bromomethane
Concen: 20.803 ug/l
RT: 2.858 min Scan# 31
Delta R.T. -0.003 min
Lab File: VN068460.D
Acq: 13 Sep 2021 16:13

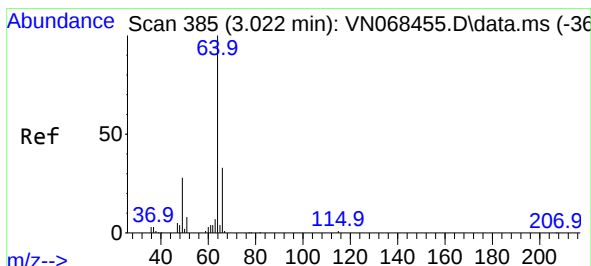
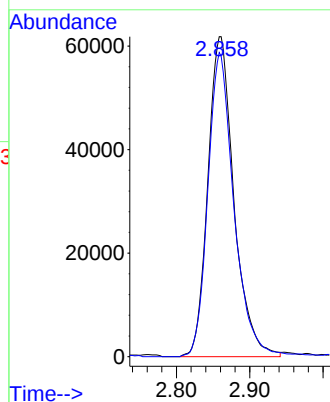
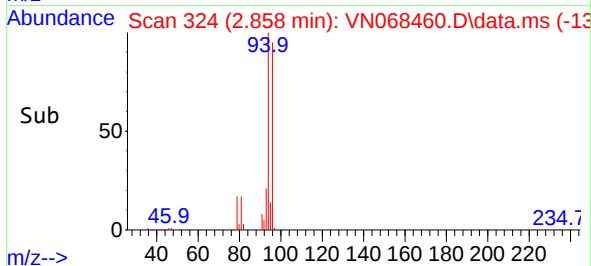
Instrument :
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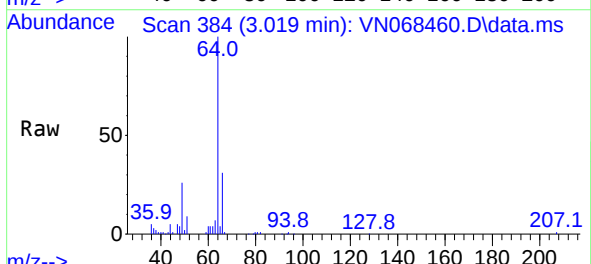
Tgt Ion: 94 Resp: 15267
Ion Ratio Lower Upper
94 100
96 95.0 77.0 115.4

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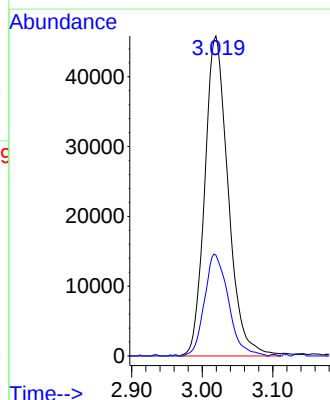
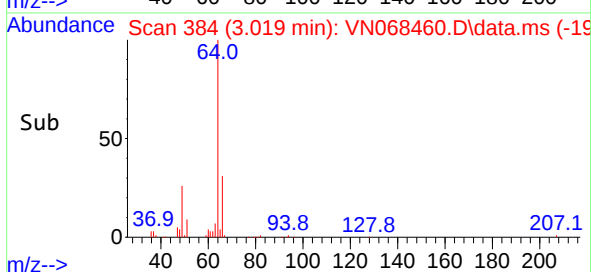
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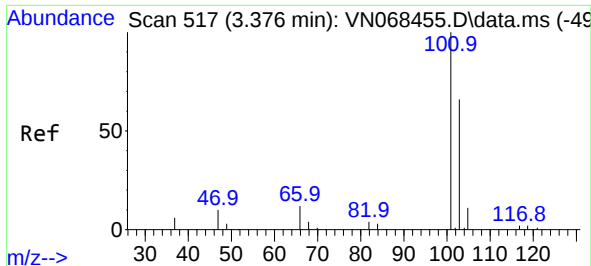


#6
Chloroethane
Concen: 20.016 ug/l
RT: 3.019 min Scan# 384
Delta R.T. -0.003 min
Lab File: VN068460.D
Acq: 13 Sep 2021 16:13



Tgt Ion: 64 Resp: 105558
Ion Ratio Lower Upper
64 100
66 31.5 26.3 39.5





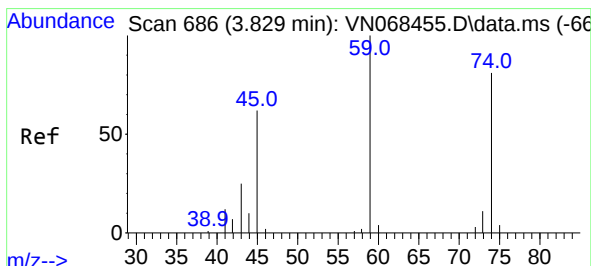
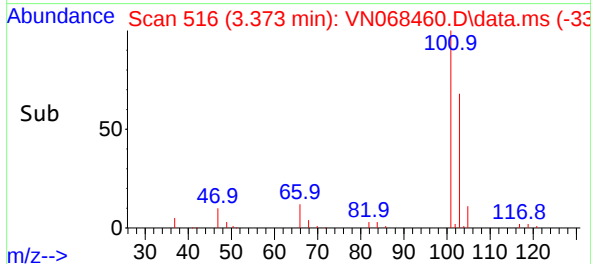
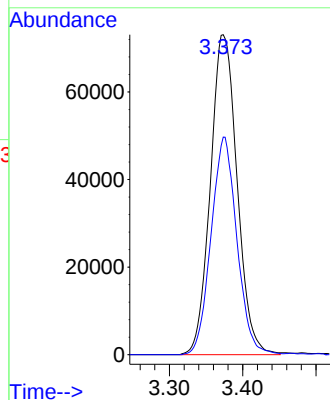
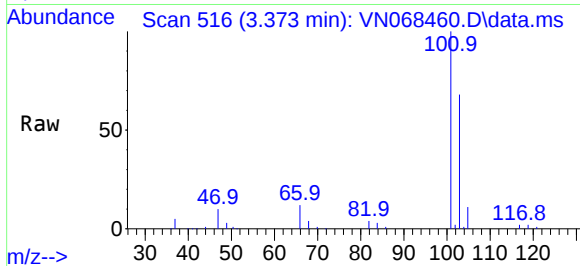
#7
Trichlorofluoromethane
Concen: 20.350 ug/l
RT: 3.373 min Scan# 517
Delta R.T. -0.003 min
Lab File: VN068460.D
Acq: 13 Sep 2021 16:13

Instrument :
MSVOA_N
ClientSampleId :
ICVVN091321

Tgt Ion:101 Resp: 18534
Ion Ratio Lower Upper
101 100
103 68.0 52.4 78.6

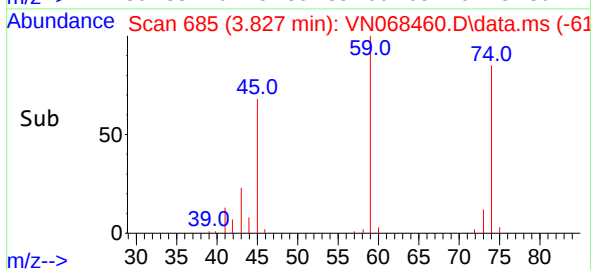
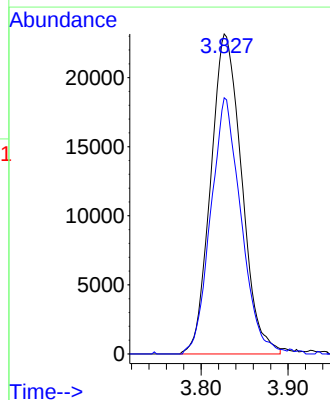
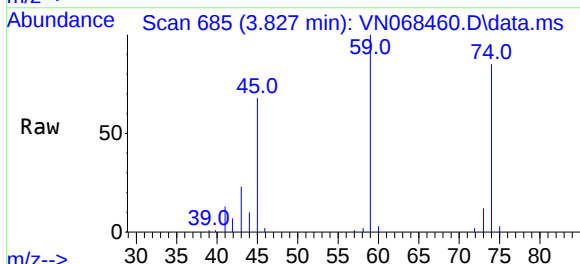
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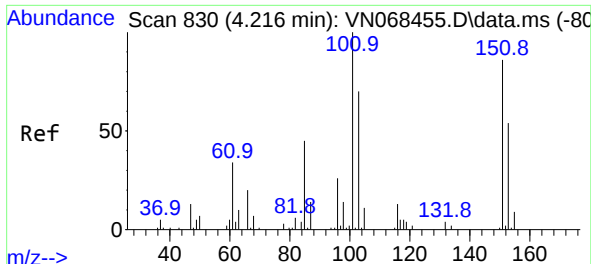
Reviewed By :John Carlone 09/14/2021
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#8
Diethyl Ether
Concen: 19.946 ug/l
RT: 3.827 min Scan# 685
Delta R.T. -0.003 min
Lab File: VN068460.D
Acq: 13 Sep 2021 16:13

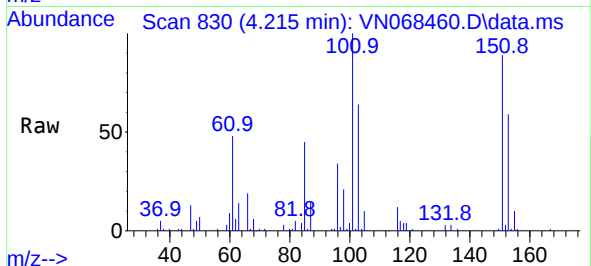
Tgt Ion: 74 Resp: 57295
Ion Ratio Lower Upper
74 100
45 78.4 16.2 146.0





#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.247 ug/l
RT: 4.215 min Scan# 81
Delta R.T. -0.000 min
Lab File: VN068460.D
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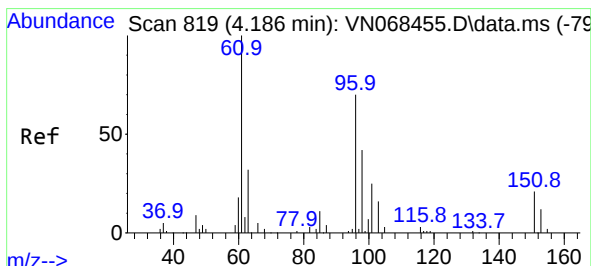
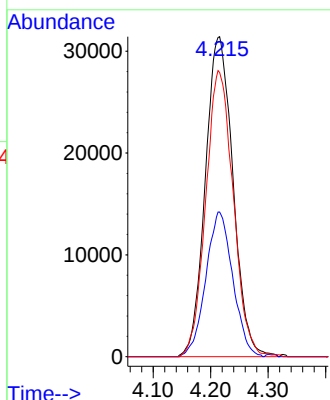
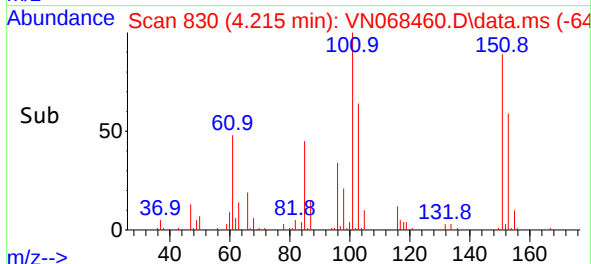
Instrument :
MSVOA_N
ClientSampleId :
ICVVN091321



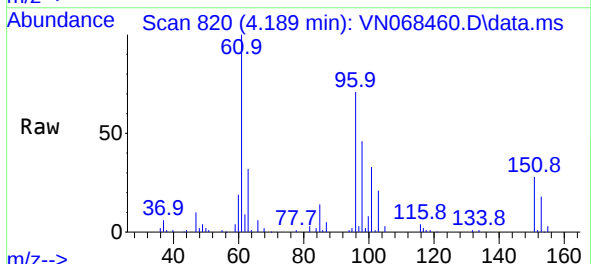
Tgt Ion:101 Resp: 10503
Ion Ratio Lower Upper
101 100
85 44.1 0.0 89.2
151 88.5 0.0 176.4

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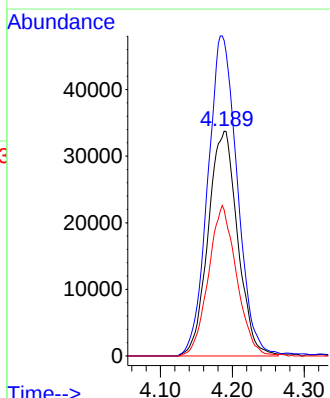
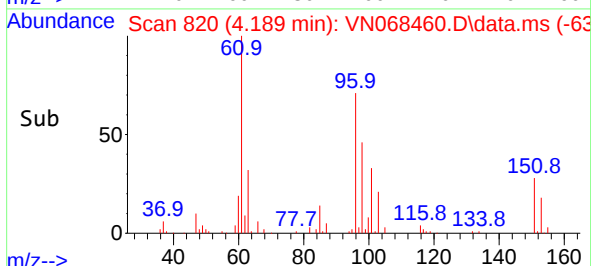
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021

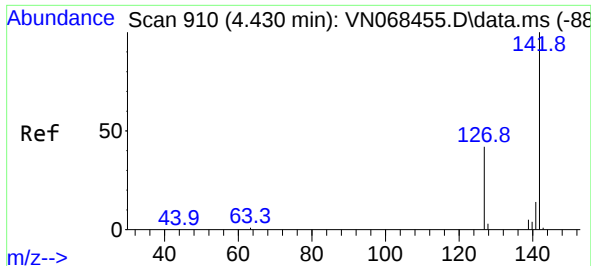


#10
1,1-Dichloroethene
Concen: 19.921 ug/l
RT: 4.189 min Scan# 820
Delta R.T. 0.003 min
Lab File: VN068460.D
Acq: 13 Sep 2021 16:13



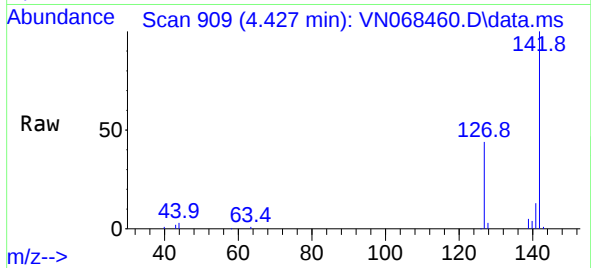
Tgt Ion: 96 Resp: 96051
Ion Ratio Lower Upper
96 100
61 140.4 114.1 171.1
98 65.0 48.3 72.5





#11
Methyl Iodide
Concen: 17.643 ug/l
RT: 4.427 min Scan# 909
Delta R.T. -0.003 min
Lab File: VN068460.D
Acq: 13 Sep 2021 16:13

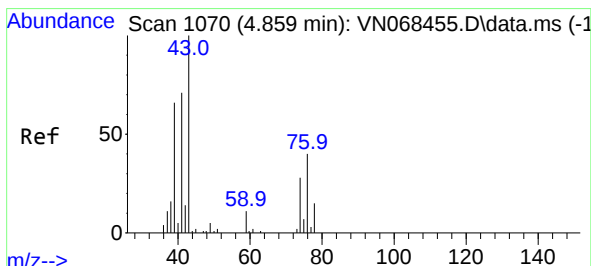
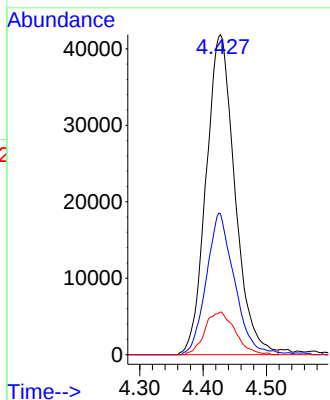
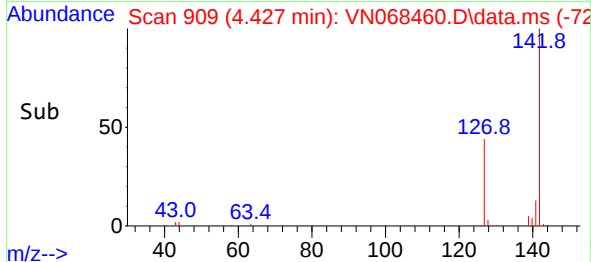
Instrument :
MSVOA_N
ClientSampleId :
ICVVN091321



Tgt Ion:142 Resp: 132083
Ion Ratio Lower Upper
142 100
127 43.9 20.9 62.8
141 13.4 6.8 20.3

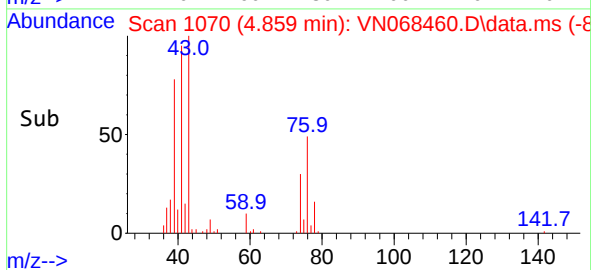
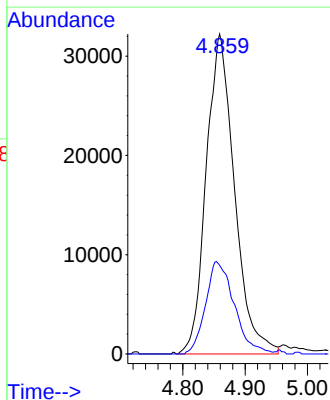
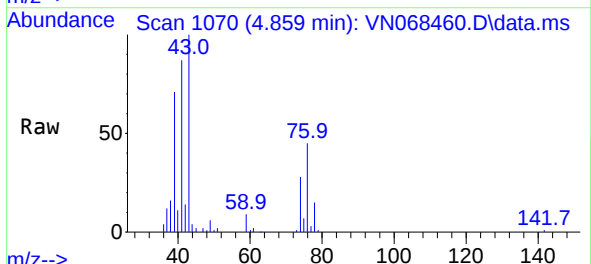
Manual Integrations
APPROVED

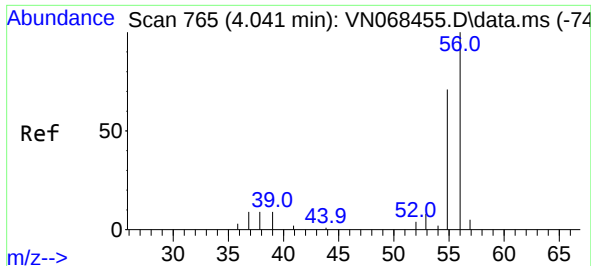
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021



#12
Methyl Acetate
Concen: 20.286 ug/l
RT: 4.859 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VN068460.D
Acq: 13 Sep 2021 16:13

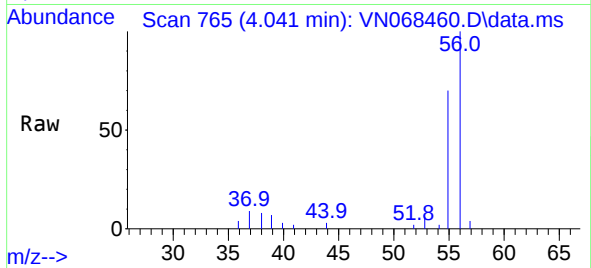
Tgt Ion: 43 Resp: 101724
Ion Ratio Lower Upper
43 100
74 27.4 22.6 34.0





#13
Acrolein
Concen: 91.879 ug/l m
RT: 4.041 min Scan# 765
Delta R.T. -0.000 min
Lab File: VN068460.D
Acq: 13 Sep 2021 16:13

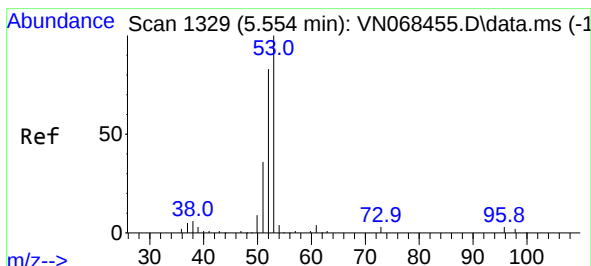
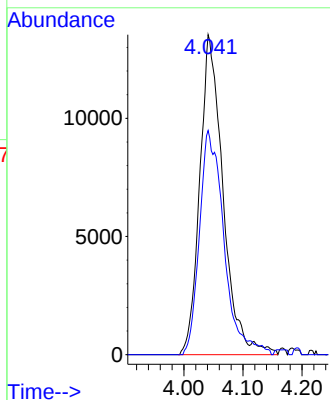
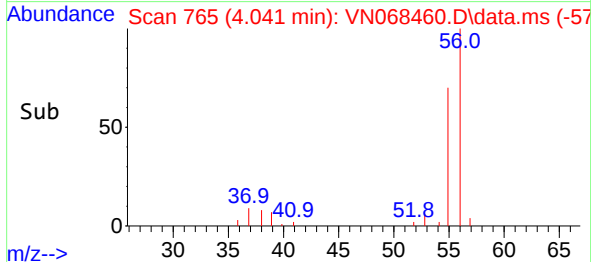
Instrument :
MSVOA_N
ClientSampleId :
ICVVN091321



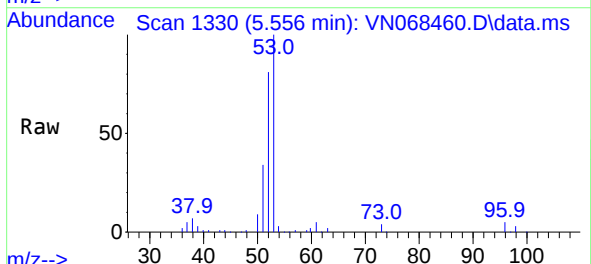
Tgt Ion: 56 Resp: 37058
Ion Ratio Lower Upper
56 100
55 0.4 57.2 85.8

Manual Integrations
APPROVED

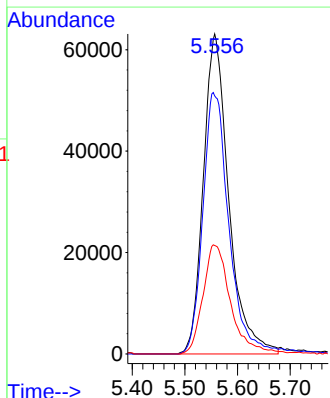
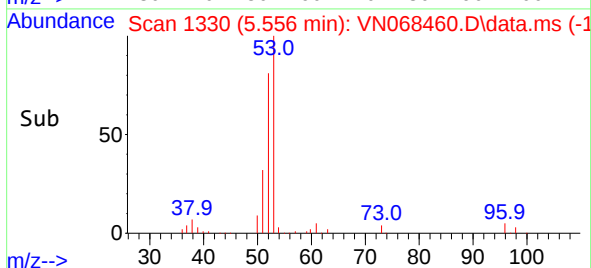
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021

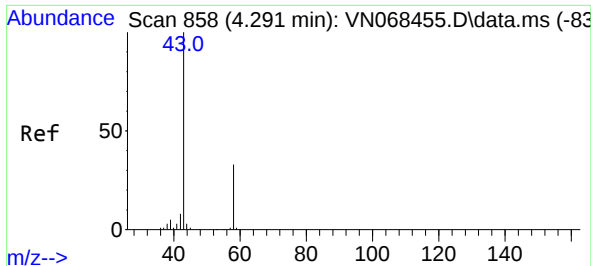


#14
Acrylonitrile
Concen: 97.418 ug/l
RT: 5.556 min Scan# 1330
Delta R.T. 0.003 min
Lab File: VN068460.D
Acq: 13 Sep 2021 16:13



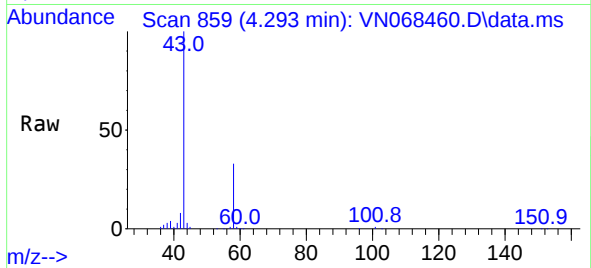
Tgt Ion: 53 Resp: 211718
Ion Ratio Lower Upper
53 100
52 82.8 41.5 124.5
51 36.5 17.9 53.7





#15
Acetone
Concen: 107.431 ug/l
RT: 4.293 min Scan# 858
Delta R.T. 0.003 min
Lab File: VN068460.D
Acq: 13 Sep 2021 16:13

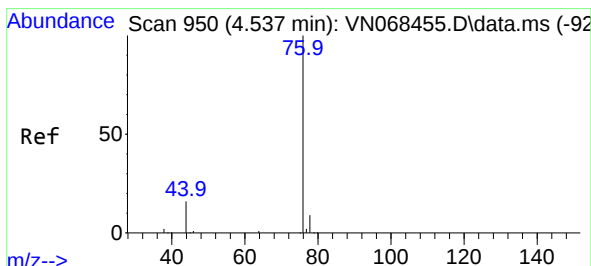
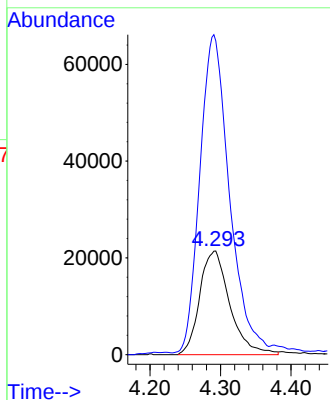
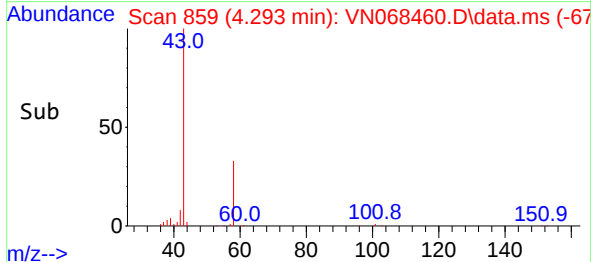
Instrument :
MSVOA_N
Client Sample Id :
ICVVN091321



Tgt Ion: 58 Resp: 63628
Ion Ratio Lower Upper
58 100
43 299.5 239.9 359.9

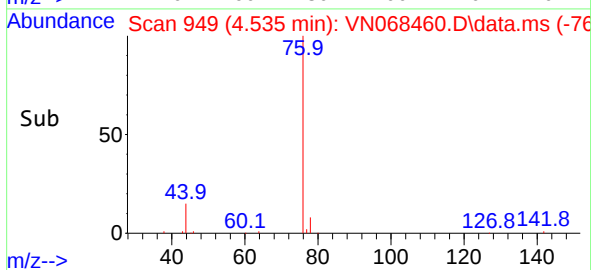
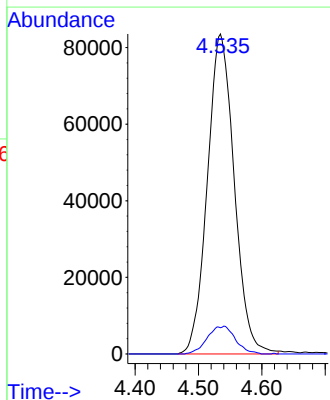
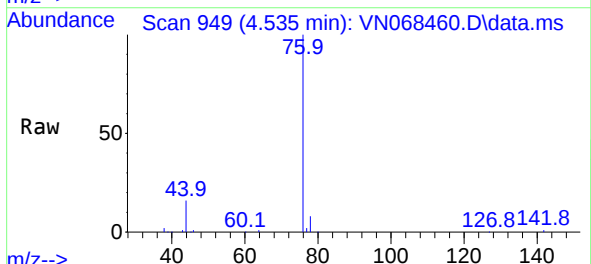
Manual Integrations
APPROVED

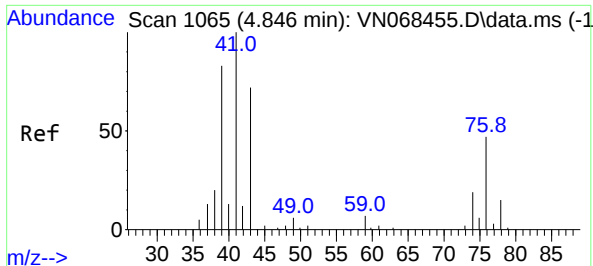
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021



#16
Carbon Disulfide
Concen: 19.789 ug/l
RT: 4.535 min Scan# 949
Delta R.T. -0.003 min
Lab File: VN068460.D
Acq: 13 Sep 2021 16:13

Tgt Ion: 76 Resp: 246234
Ion Ratio Lower Upper
76 100
78 8.2 6.9 10.3





#17
Allyl chloride
Concen: 20.400 ug/l
RT: 4.843 min Scan# 1159
Delta R.T. -0.003 min
Lab File: VN068460.D
Acq: 13 Sep 2021 16:13

Instrument :

MSVOA_N

ClientSampleId :

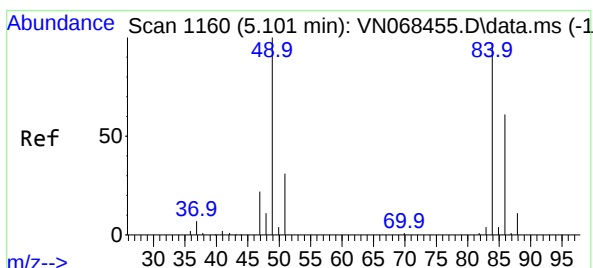
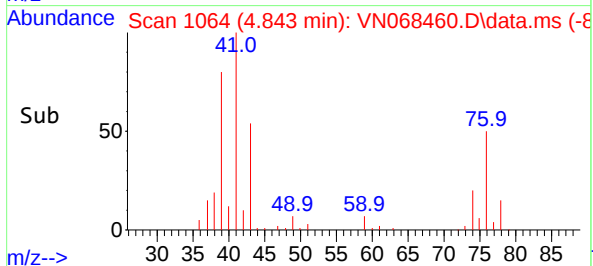
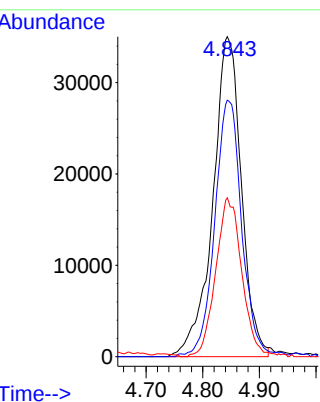
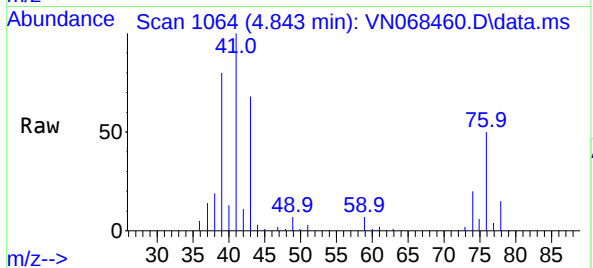
ICVVN091321

Tgt Ion: 41 Resp: 122810
Ion Ratio Lower Upper
41 100
39 80.2 41.5 124.5
76 48.9 23.6 71.0

Manual Integrations

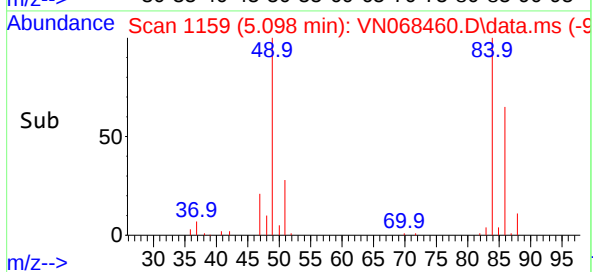
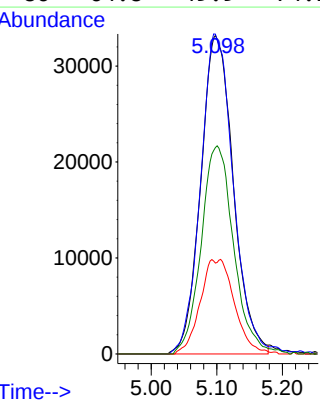
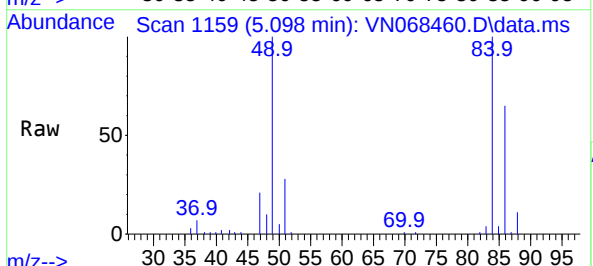
APPROVED

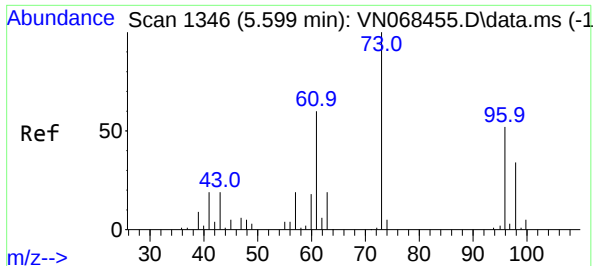
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021



#18
Methylene Chloride
Concen: 19.825 ug/l
RT: 5.098 min Scan# 1159
Delta R.T. -0.003 min
Lab File: VN068460.D
Acq: 13 Sep 2021 16:13

Tgt Ion: 84 Resp: 114422
Ion Ratio Lower Upper
84 100
49 100.4 82.4 123.6
51 28.6 25.9 38.9
86 64.8 49.9 74.9





#19
trans-1,2-Dichloroethene
Concen: 19.947 ug/l
RT: 5.605 min Scan# 1346
Delta R.T. 0.005 min
Lab File: VN068460.D
Acq: 13 Sep 2021 16:13

Instrument :

MSVOA_N

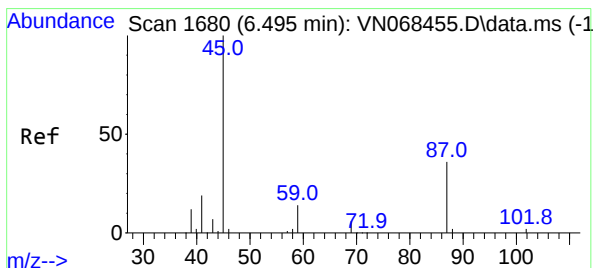
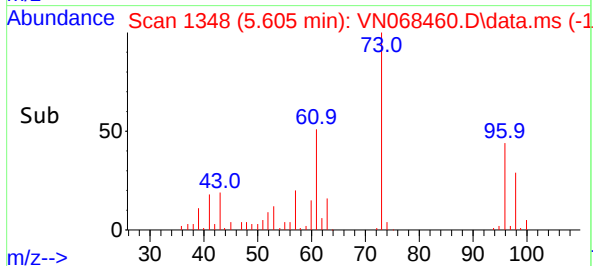
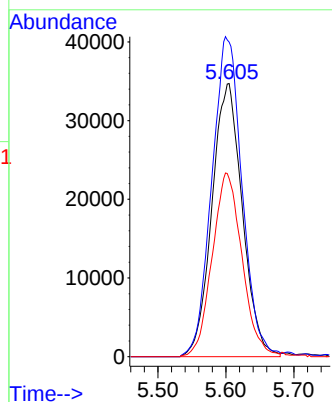
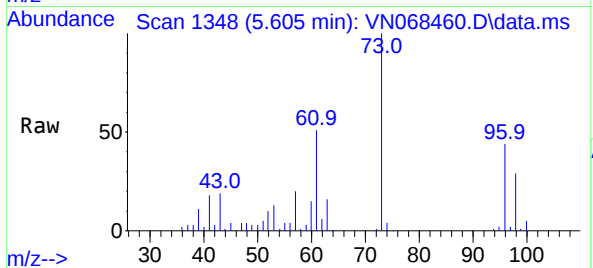
ClientSampleId :

ICVVN091321

Tgt Ion: 96 Resp: 107762
Ion Ratio Lower Upper
96 100
61 115.1 92.5 138.7
98 65.2 51.7 77.5

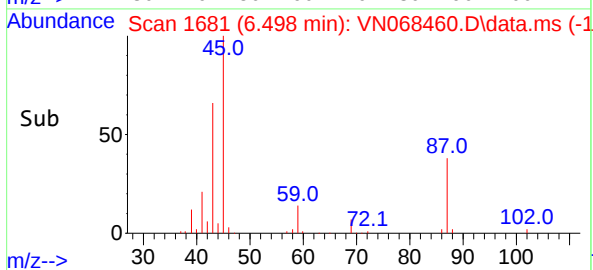
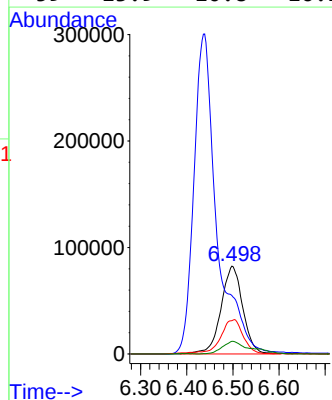
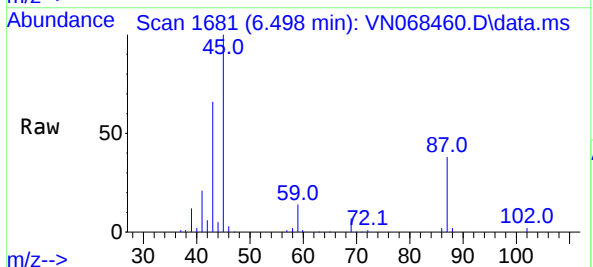
Manual Integrations
APPROVED

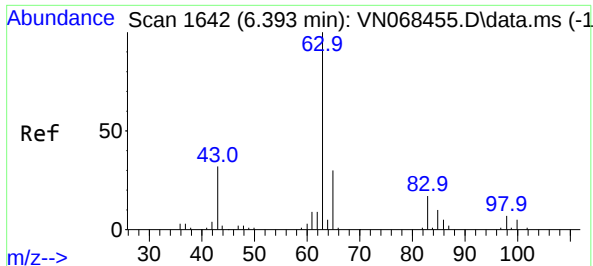
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021



#20
Diisopropyl ether
Concen: 20.230 ug/l
RT: 6.498 min Scan# 1681
Delta R.T. 0.003 min
Lab File: VN068460.D
Acq: 13 Sep 2021 16:13

Tgt Ion: 45 Resp: 270159
Ion Ratio Lower Upper
45 100
43 64.2 52.2 78.2
87 37.7 29.8 44.8
59 13.9 10.8 16.2





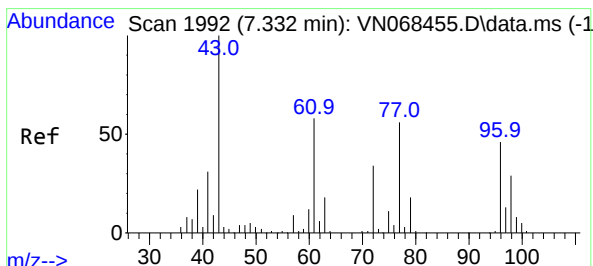
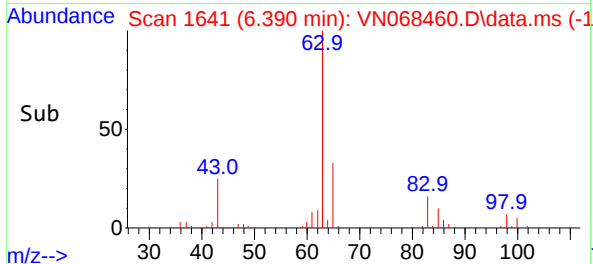
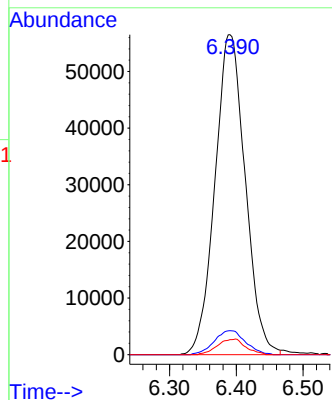
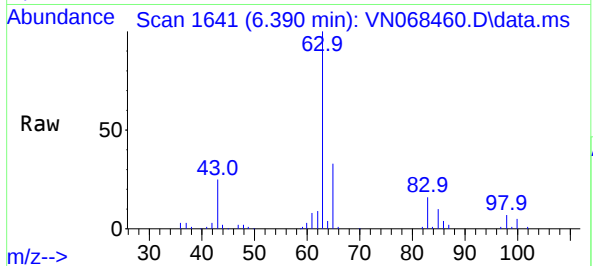
#21
1,1-Dichloroethane
Concen: 20.067 ug/l
RT: 6.390 min Scan# 1
Delta R.T. -0.003 min
Lab File: VN068460.D
Acq: 13 Sep 2021 16:13

Instrument :
MSVOA_N
ClientSampleId :
ICVVN091321

Tgt Ion: 63 Resp: 178099
Ion Ratio Lower Upper
63 100
98 7.5 3.5 10.4
100 4.7 2.5 7.5

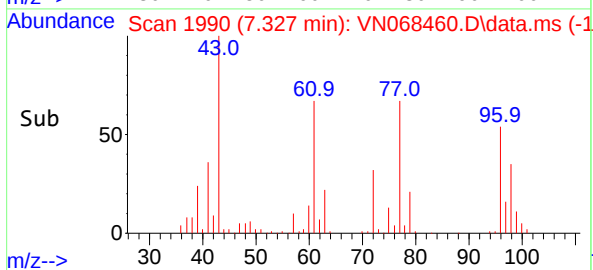
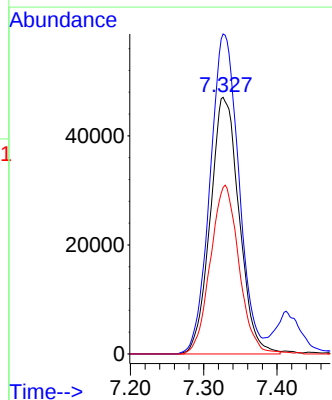
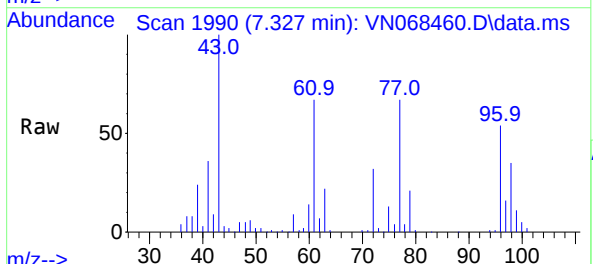
Manual Integrations
APPROVED

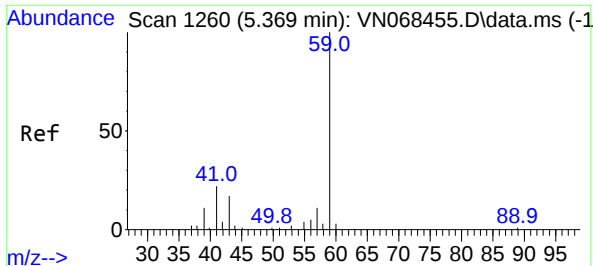
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021



#22
cis-1,2-Dichloroethene
Concen: 19.813 ug/l
RT: 7.327 min Scan# 1990
Delta R.T. -0.005 min
Lab File: VN068460.D
Acq: 13 Sep 2021 16:13

Tgt Ion: 96 Resp: 128699
Ion Ratio Lower Upper
96 100
61 124.4 102.3 153.5
98 65.0 52.3 78.5





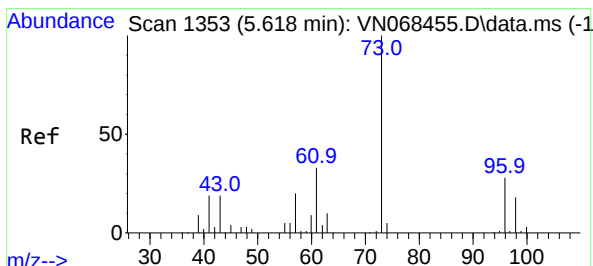
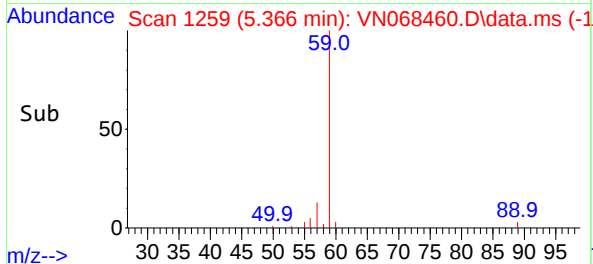
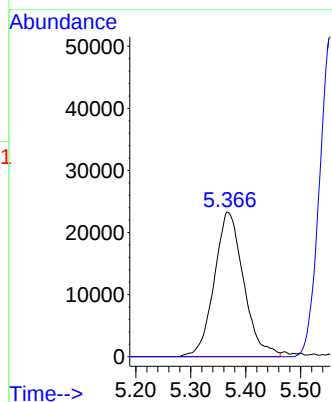
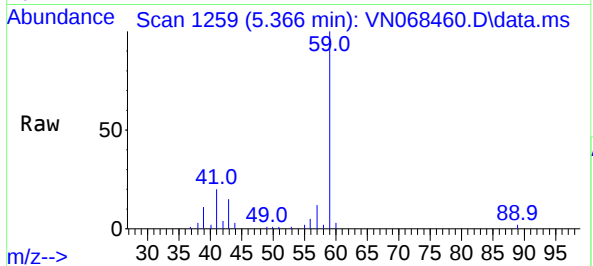
#23
tert-Butyl Alcohol
Concen: 98.498 ug/l
RT: 5.366 min Scan# 1260
Delta R.T. -0.003 min
Lab File: VN068460.D
Acq: 13 Sep 2021 16:13

Instrument :
MSVOA_N
ClientSampleId :
ICVVN091321

Tgt Ion: 59 Resp: 8650
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

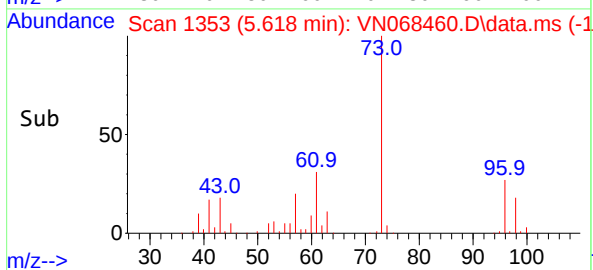
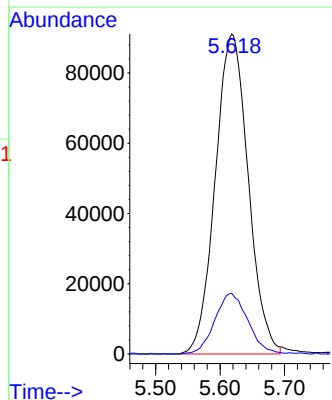
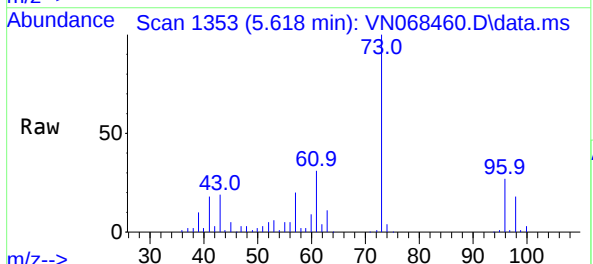
Manual Integrations
APPROVED

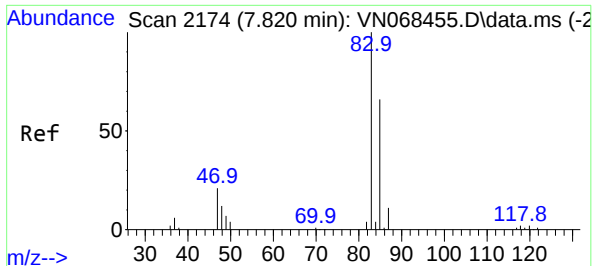
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021



#24
Methyl tert-Butyl Ether
Concen: 19.702 ug/l
RT: 5.618 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VN068460.D
Acq: 13 Sep 2021 16:13

Tgt Ion: 73 Resp: 323462
Ion Ratio Lower Upper
73 100
43 19.0 14.9 22.3





#25

Chloroform

Concen: 19.635 ug/l

RT: 7.820 min Scan# 2174

Delta R.T. -0.000 min

Lab File: VN068460.D

Acq: 13 Sep 2021 16:13

Instrument :

MSVOA_N

ClientSampleId :

ICVVN091321

Tgt Ion: 83 Resp: 208560

Ion Ratio Lower Upper

83 100

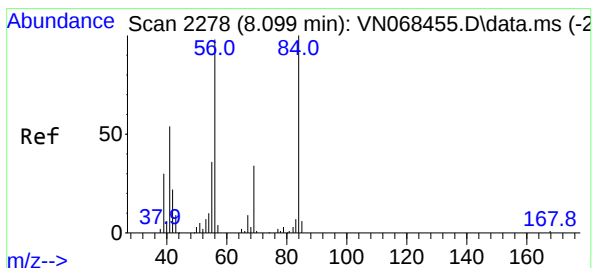
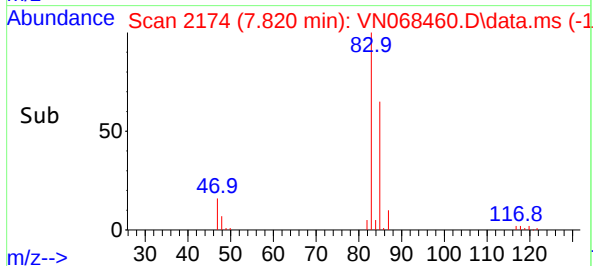
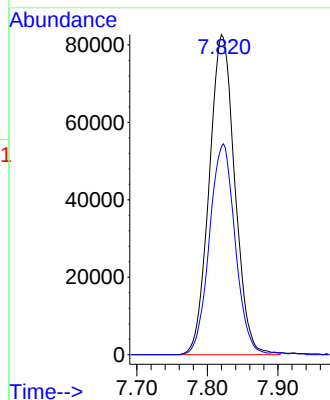
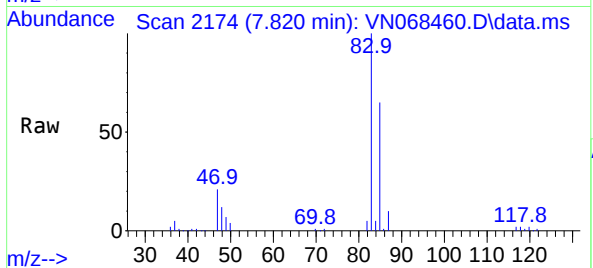
85 65.0 52.6 78.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2021

Supervised By :Mahesh Dadoda 09/14/2021



#26

Cyclohexane

Concen: 20.172 ug/l

RT: 8.096 min Scan# 2277

Delta R.T. -0.003 min

Lab File: VN068460.D

Acq: 13 Sep 2021 16:13

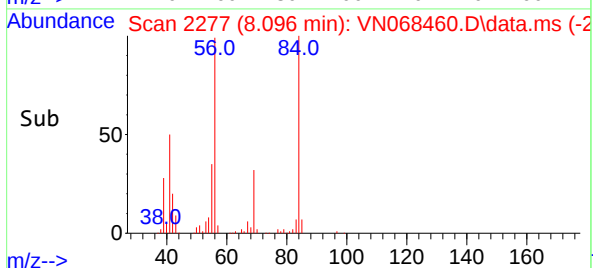
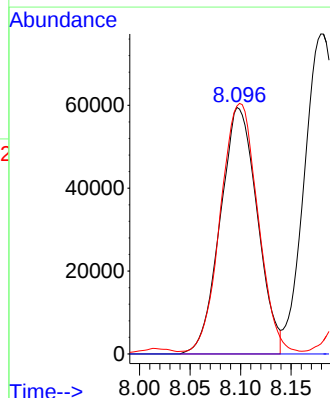
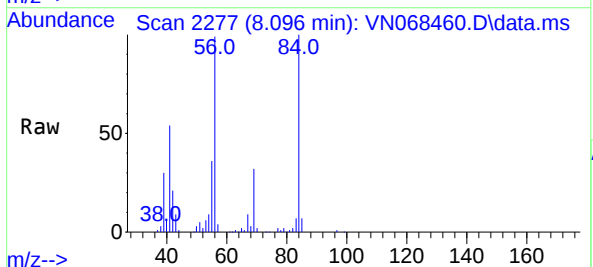
Tgt Ion: 56 Resp: 151362

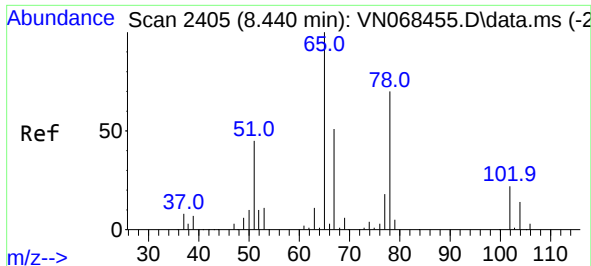
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 103.6 82.8 124.2





#27
 1,2-Dichloroethane-d4
 Concen: 30.970 ug/l
 RT: 8.440 min Scan# 2405
 Delta R.T. -0.000 min
 Lab File: VN068460.D
 Acq: 13 Sep 2021 16:13

Instrument :

MSVOA_N

ClientSampleId :

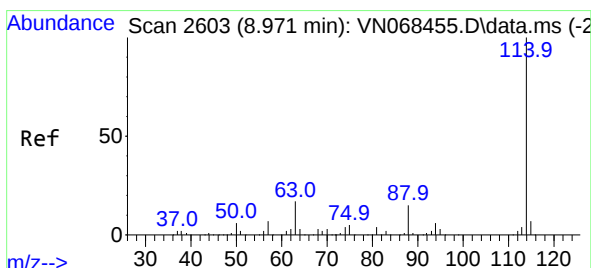
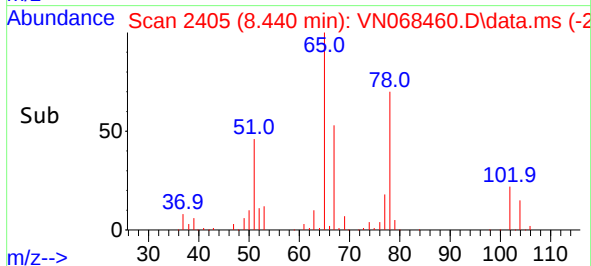
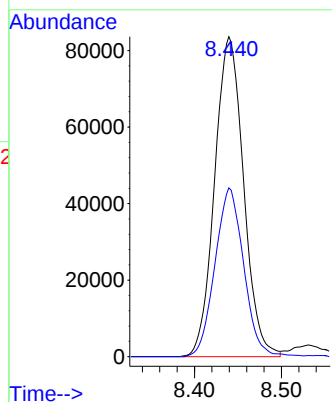
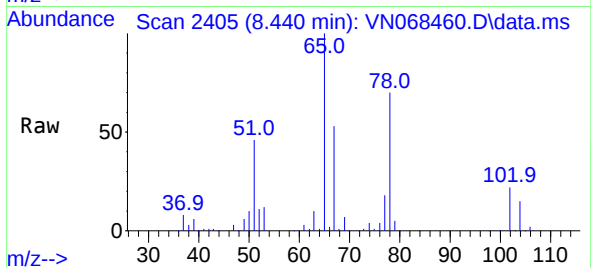
ICVVN091321

Tgt Ion: 65 Resp: 19351
 Ion Ratio Lower Upper
 65 100
 67 52.3 41.8 62.8

Manual Integrations

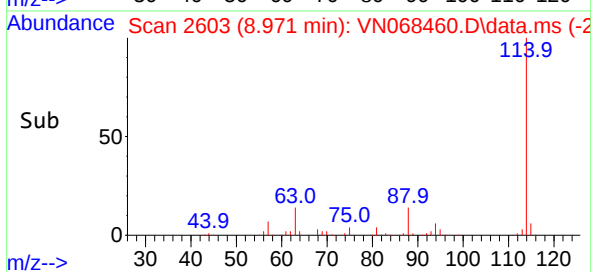
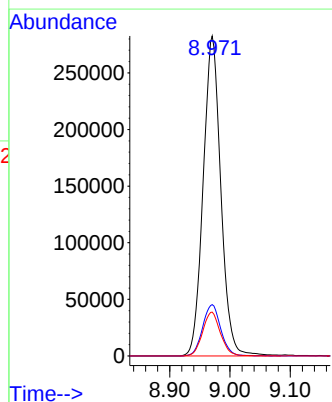
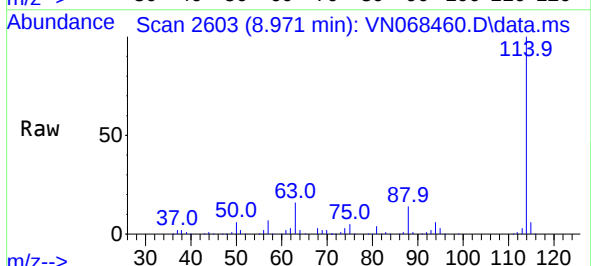
APPROVED

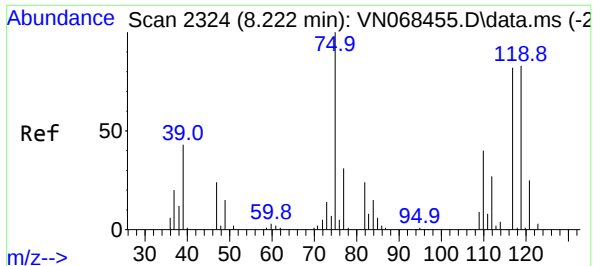
Reviewed By :John Carlone 09/14/2021
 Supervised By :Mahesh Dadoda 09/14/2021



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.971 min Scan# 2603
 Delta R.T. -0.000 min
 Lab File: VN068460.D
 Acq: 13 Sep 2021 16:13

Tgt Ion:114 Resp: 574751
 Ion Ratio Lower Upper
 114 100
 63 16.5 13.4 20.0
 88 13.8 11.1 16.7





#29
1,1-Dichloropropene
Concen: 19.204 ug/l
RT: 8.225 min Scan# 21
Delta R.T. 0.003 min
Lab File: VN068460.D
Acq: 13 Sep 2021 16:13

Instrument :

MSVOA_N

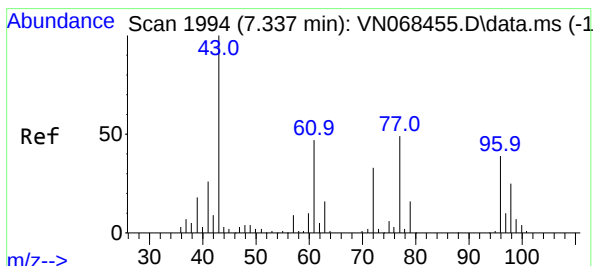
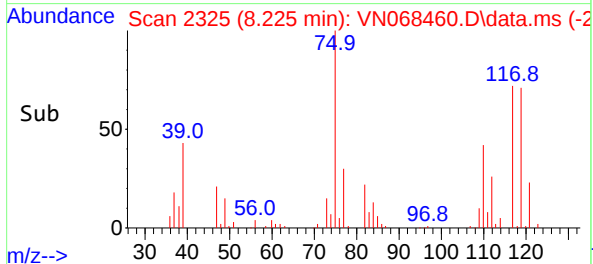
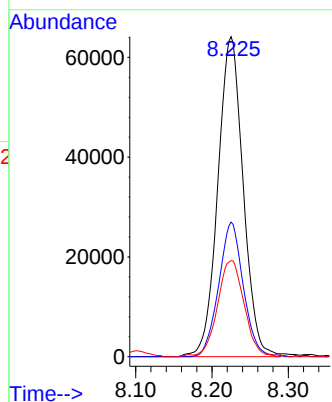
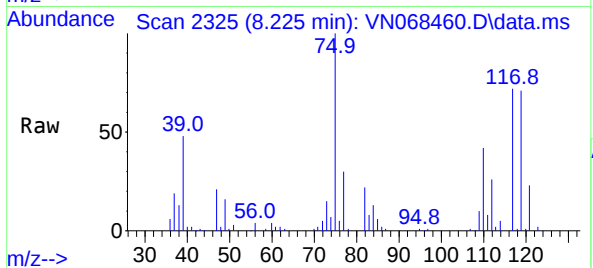
ClientSampleId :

ICVVN091321

Tgt Ion: 75 Resp: 147935
Ion Ratio Lower Upper
75 100
110 40.6 0.0 82.2
77 30.4 0.0 60.0

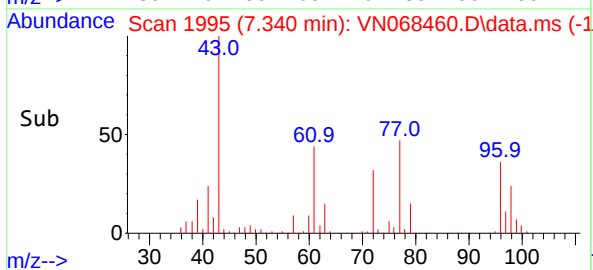
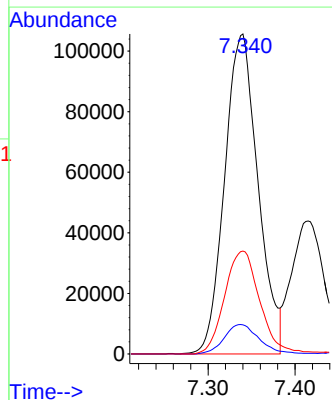
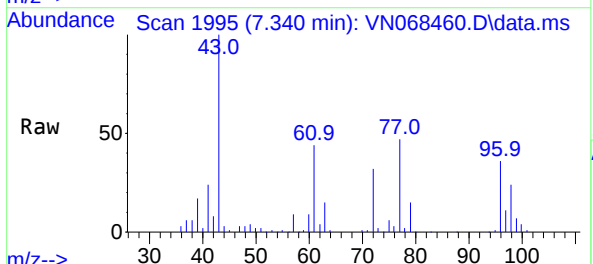
Manual Integrations
APPROVED

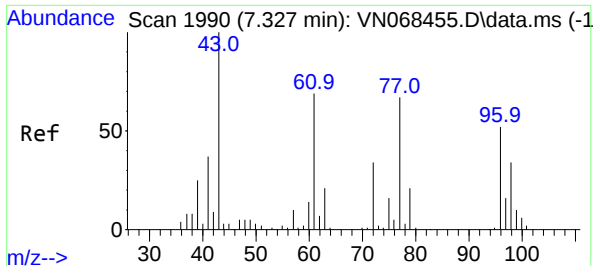
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021



#30
2-Butanone
Concen: 95.917 ug/l
RT: 7.340 min Scan# 1995
Delta R.T. 0.003 min
Lab File: VN068460.D
Acq: 13 Sep 2021 16:13

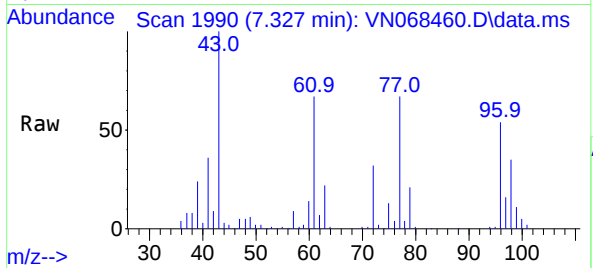
Tgt Ion: 43 Resp: 282013
Ion Ratio Lower Upper
43 100
57 9.6 3.2 4.8#
72 33.5 26.6 39.8





#31
2,2-Dichloropropane
Concen: 19.448 ug/l
RT: 7.327 min Scan# 1990
Delta R.T. -0.000 min
Lab File: VN068460.D
Acq: 13 Sep 2021 16:13

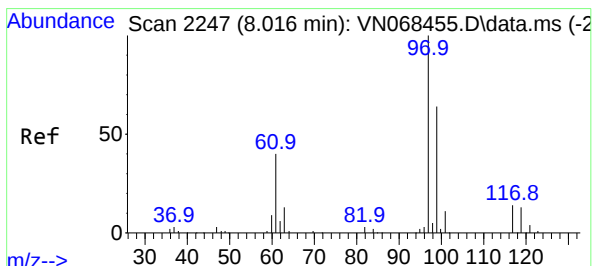
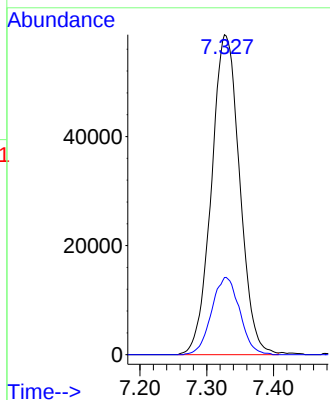
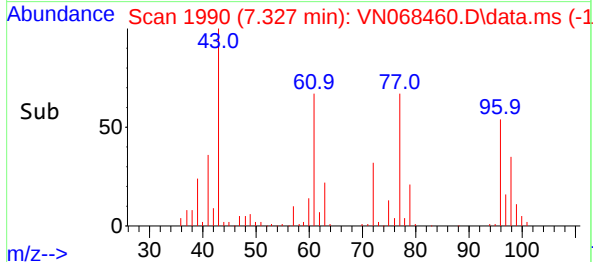
Instrument :
MSVOA_N
ClientSampleId :
ICVVN091321



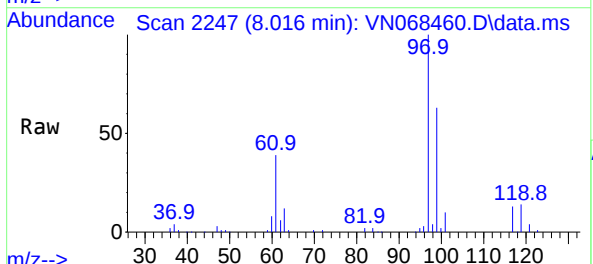
Tgt Ion: 77 Resp: 17241
Ion Ratio Lower Upper
77 100
97 24.1 18.6 28.0

Manual Integrations
APPROVED

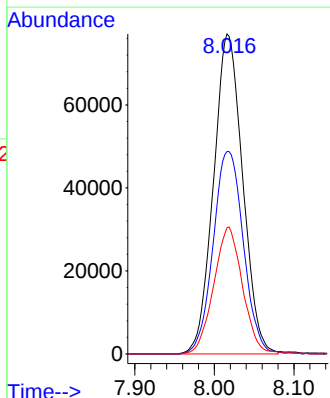
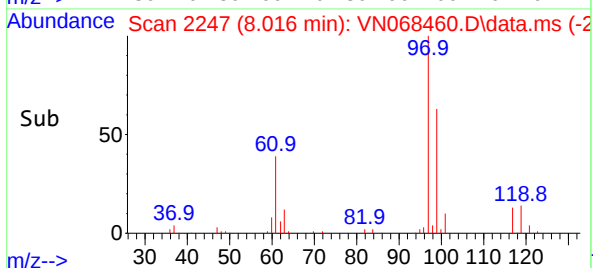
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021

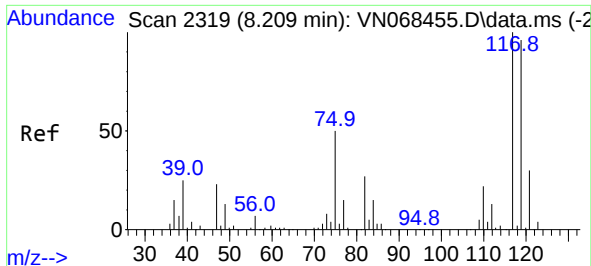


#32
1,1,1-Trichloroethane
Concen: 18.776 ug/l
RT: 8.016 min Scan# 2247
Delta R.T. -0.000 min
Lab File: VN068460.D
Acq: 13 Sep 2021 16:13



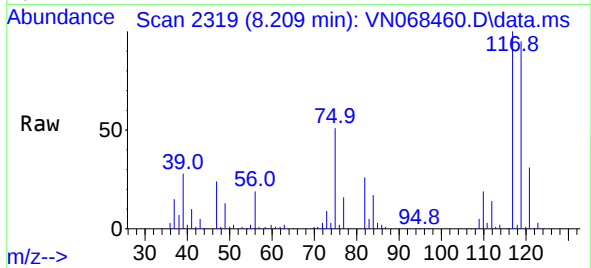
Tgt Ion: 97 Resp: 196421
Ion Ratio Lower Upper
97 100
99 65.7 51.4 77.2
61 39.2 31.4 47.0





#33
Carbon Tetrachloride
Concen: 18.848 ug/l
RT: 8.209 min Scan# 2117
Delta R.T. -0.000 min
Lab File: VN068460.D
Acq: 13 Sep 2021 16:13

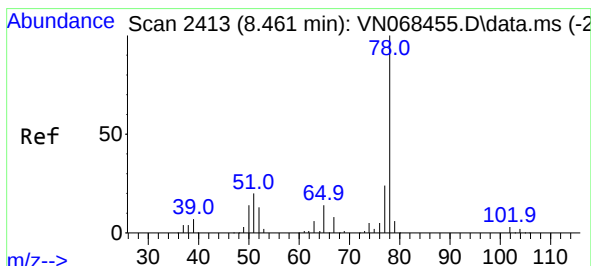
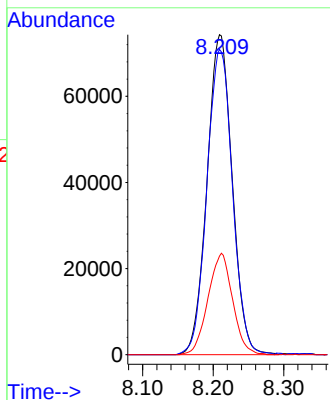
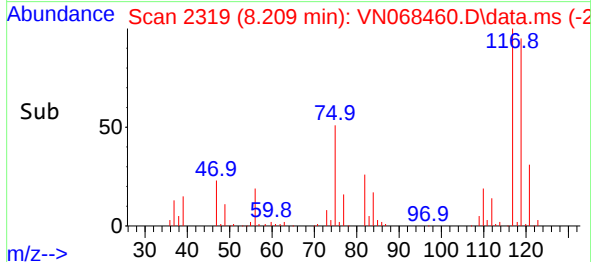
Instrument :
MSVOA_N
ClientSampleId :
ICVVN091321



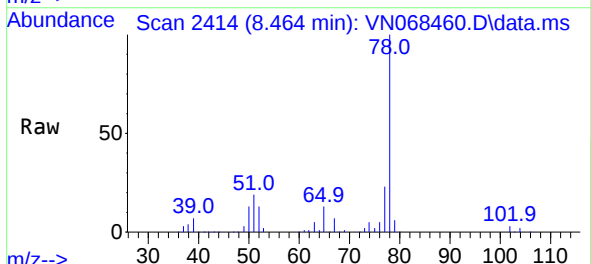
Tgt Ion: 117 Resp: 184304
Ion Ratio Lower Upper
117 100
119 95.2 76.8 115.2
121 30.8 24.4 36.6

Manual Integrations
APPROVED

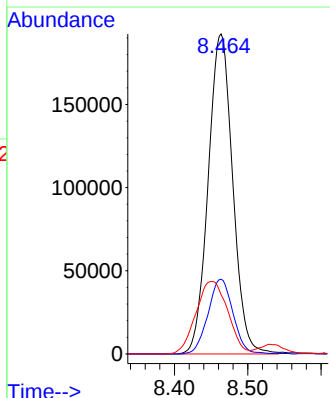
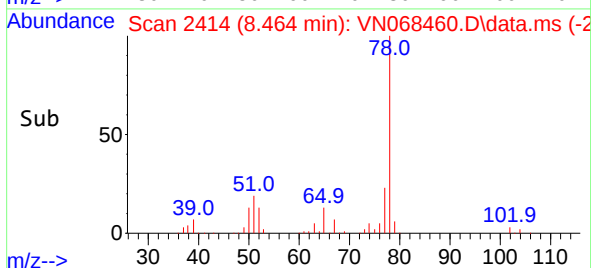
Reviewed By : John Carlone 09/14/2021
Supervised By : Mahesh Dadoda 09/14/2021

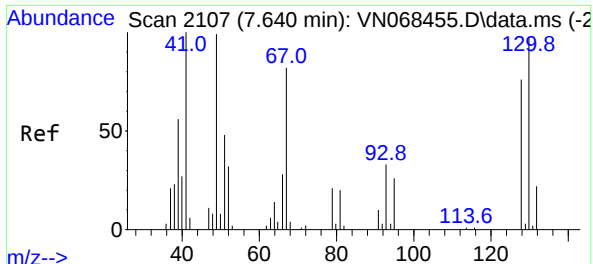


#34
Benzene
Concen: 19.062 ug/l
RT: 8.464 min Scan# 2414
Delta R.T. 0.003 min
Lab File: VN068460.D
Acq: 13 Sep 2021 16:13



Tgt Ion: 78 Resp: 447790
Ion Ratio Lower Upper
78 100
77 23.3 19.2 28.8
51 17.4 15.8 23.6





#35
Methacrylonitrile
Concen: 17.844 ug/l
RT: 7.640 min Scan# 2107
Delta R.T. -0.000 min
Lab File: VN068460.D
Acq: 13 Sep 2021 16:13

Instrument :

MSVOA_N

ClientSampleId :

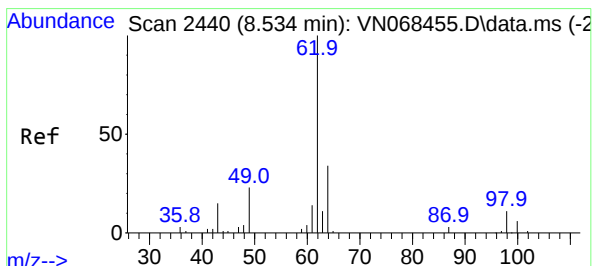
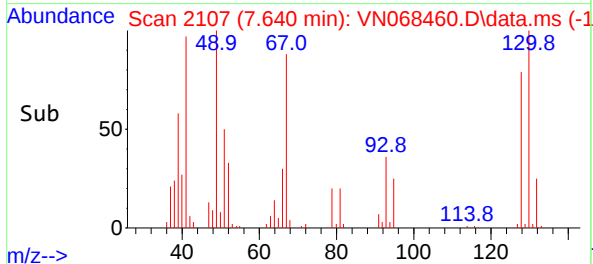
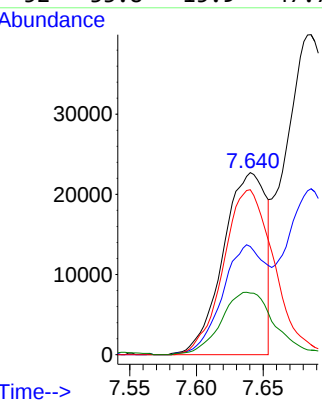
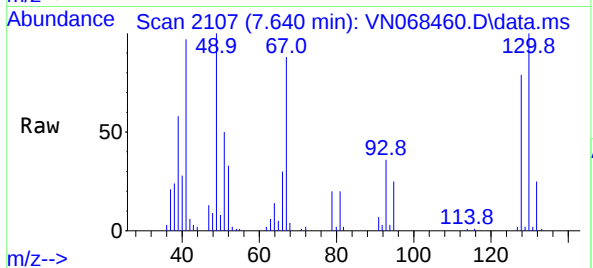
ICVVN091321

Tgt Ion: 41 Resp: 50599
Ion Ratio Lower Upper
41 100
39 59.4 28.2 84.6
67 90.6 40.8 122.5
52 33.8 15.9 47.7

Manual Integrations

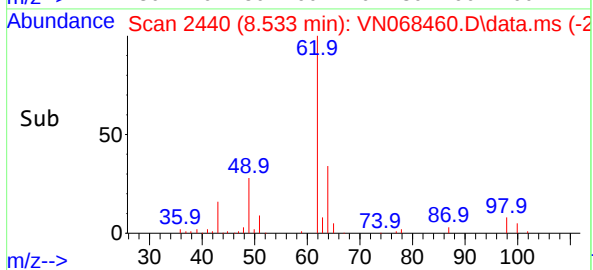
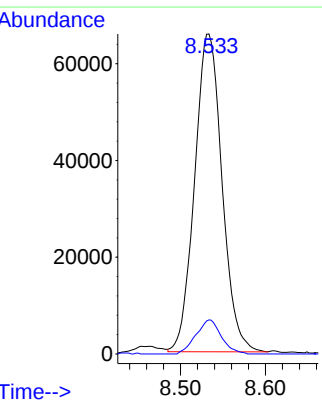
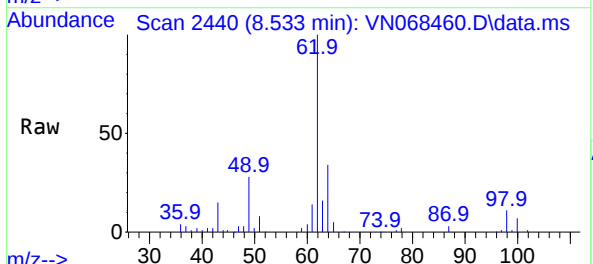
APPROVED

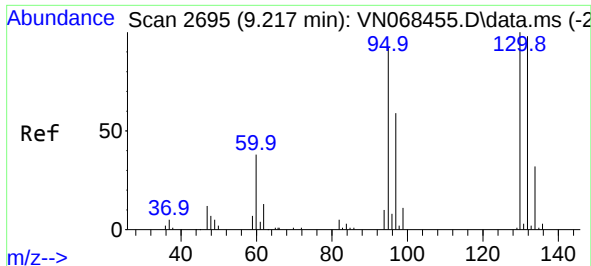
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021



#36
1,2-Dichloroethane
Concen: 18.628 ug/l
RT: 8.533 min Scan# 2440
Delta R.T. -0.000 min
Lab File: VN068460.D
Acq: 13 Sep 2021 16:13

Tgt Ion: 62 Resp: 147336
Ion Ratio Lower Upper
62 100
98 9.9 7.8 11.8





#37
Trichloroethene
Concen: 18.840 ug/l
RT: 9.217 min Scan# 2695
Delta R.T. -0.000 min
Lab File: VN068460.D
Acq: 13 Sep 2021 16:13

Instrument :

MSVOA_N

ClientSampleId :

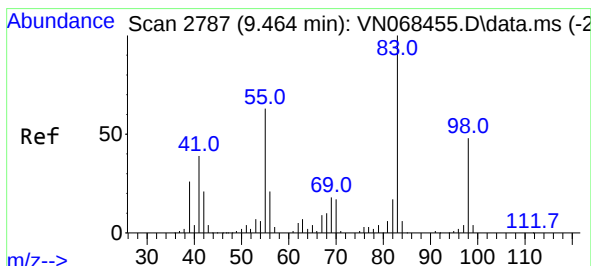
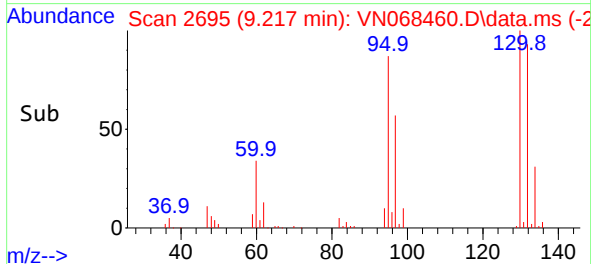
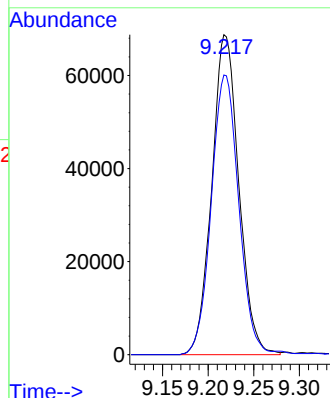
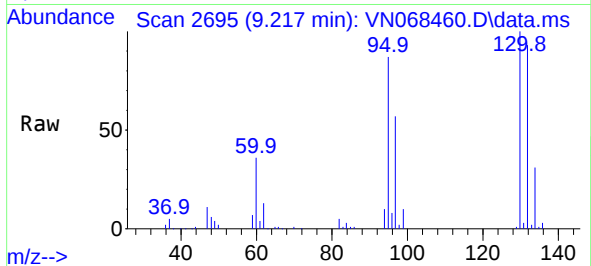
ICVVN091321

Tgt Ion:130 Resp: 141818
Ion Ratio Lower Upper
130 100
95 87.4 73.4 110.0

Manual Integrations

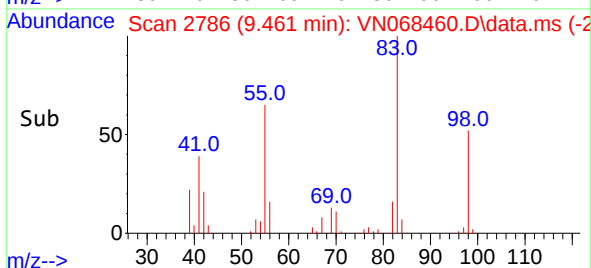
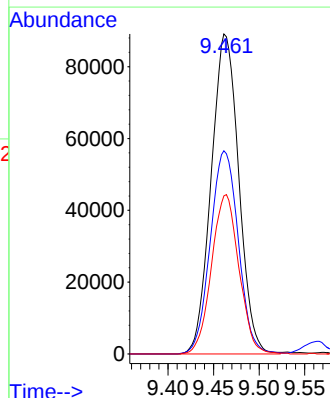
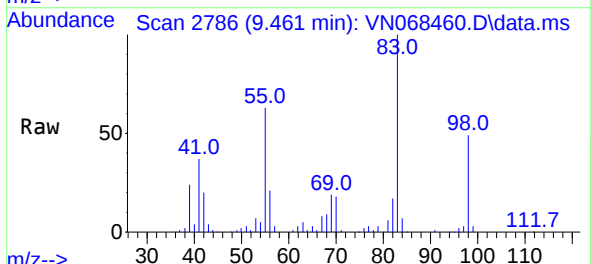
APPROVED

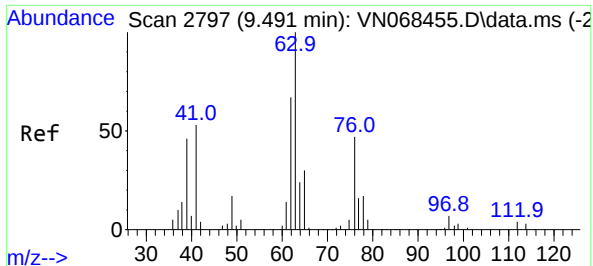
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021



#38
Methylcyclohexane
Concen: 18.944 ug/l
RT: 9.461 min Scan# 2786
Delta R.T. -0.003 min
Lab File: VN068460.D
Acq: 13 Sep 2021 16:13

Tgt Ion: 83 Resp: 187583
Ion Ratio Lower Upper
83 100
55 64.6 32.1 96.3
98 49.5 24.0 72.0





#39

1,2-Dichloropropane

Concen: 19.055 ug/l

RT: 9.494 min Scan# 2797

Delta R.T. 0.003 min

Lab File: VN068460.D

Acq: 13 Sep 2021 16:13

Instrument :

MSVOA_N

ClientSampleId :

ICVVN091321

Tgt Ion: 63 Resp: 10535

Ion Ratio Lower Upper

63 100

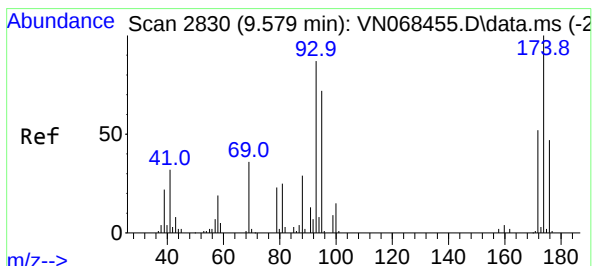
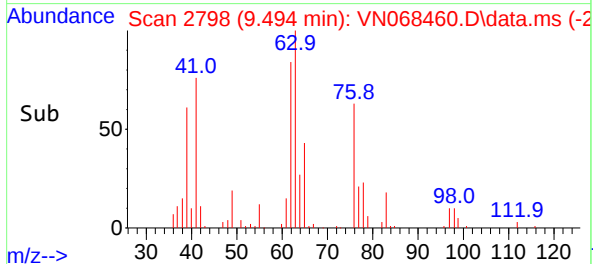
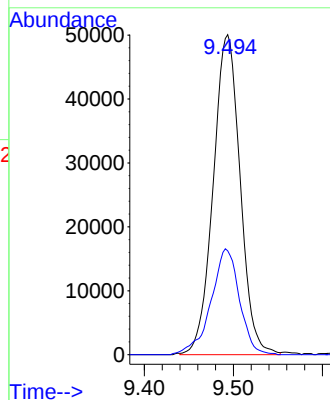
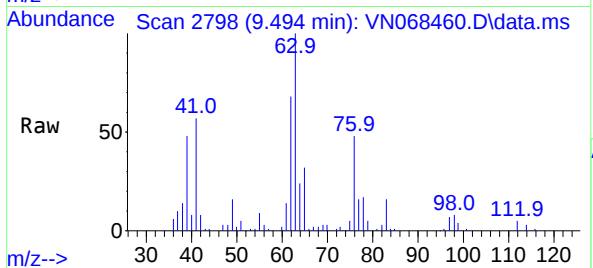
65 32.6 24.4 36.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2021

Supervised By :Mahesh Dadoda 09/14/2021



#40

Dibromomethane

Concen: 18.671 ug/l

RT: 9.579 min Scan# 2830

Delta R.T. -0.000 min

Lab File: VN068460.D

Acq: 13 Sep 2021 16:13

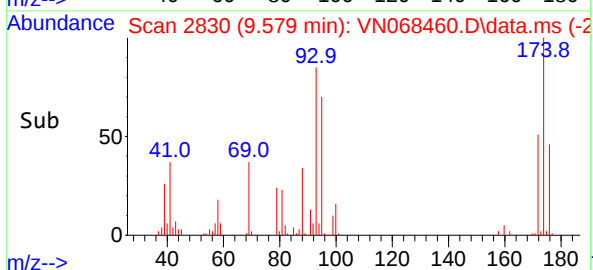
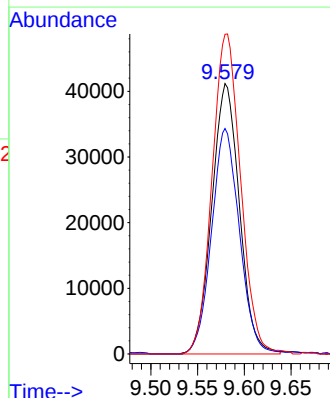
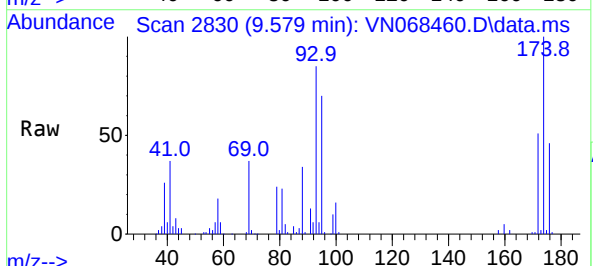
Tgt Ion: 93 Resp: 84814

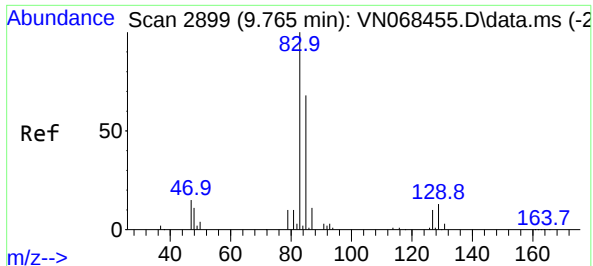
Ion Ratio Lower Upper

93 100

95 84.2 0.0 165.2

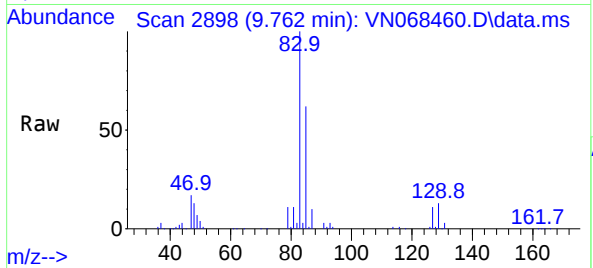
174 121.6 0.0 231.8





#41
Bromodichloromethane
Concen: 18.595 ug/l
RT: 9.762 min Scan# 21
Delta R.T. -0.003 min
Lab File: VN068460.D
Acq: 13 Sep 2021 16:13

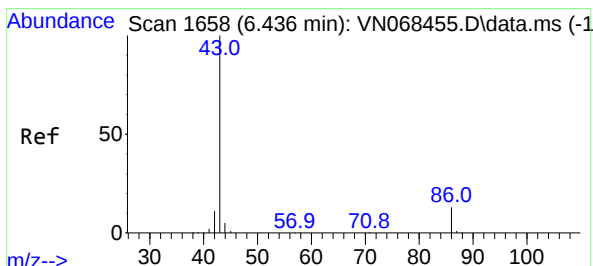
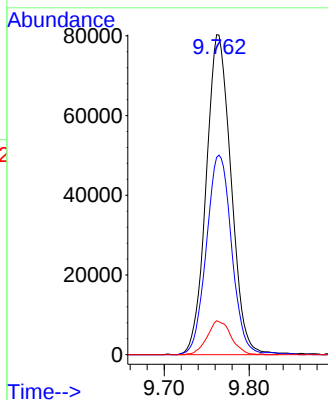
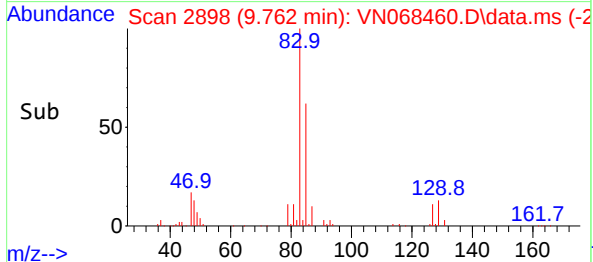
Instrument :
MSVOA_N
ClientSampleId :
ICVVN091321



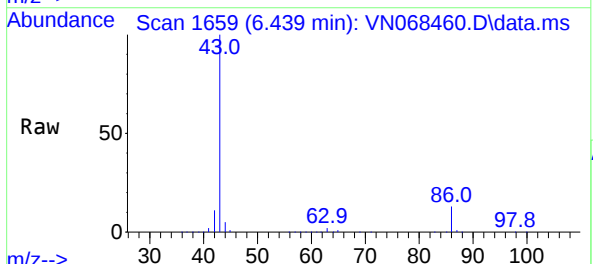
Tgt Ion: 83 Resp: 16324
Ion Ratio Lower Upper
83 100
85 61.6 54.1 81.1
127 10.6 8.8 13.2

Manual Integrations
APPROVED

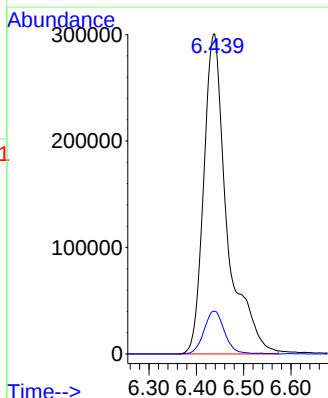
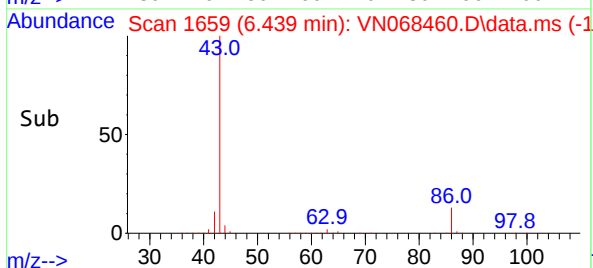
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021

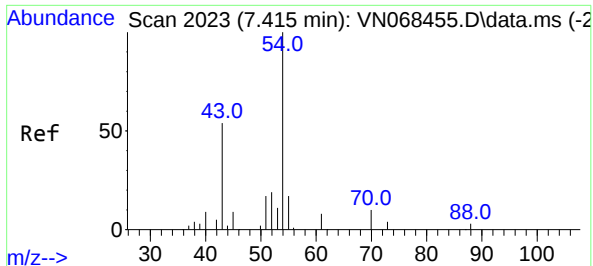


#42
Vinyl Acetate
Concen: 95.328 ug/l
RT: 6.439 min Scan# 1659
Delta R.T. 0.003 min
Lab File: VN068460.D
Acq: 13 Sep 2021 16:13



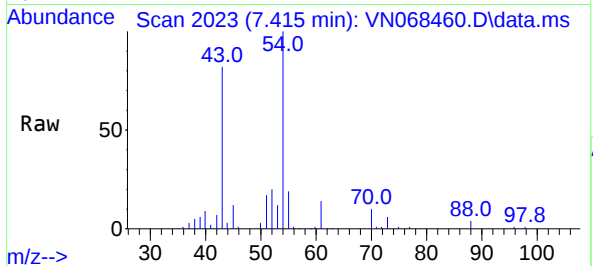
Tgt Ion: 43 Resp: 1032677
Ion Ratio Lower Upper
43 100
86 11.7 9.0 13.6





#43
Ethyl Acetate
Concen: 17.368 ug/l
RT: 7.415 min Scan# 2023
Delta R.T. -0.000 min
Lab File: VN068460.D
Acq: 13 Sep 2021 16:13

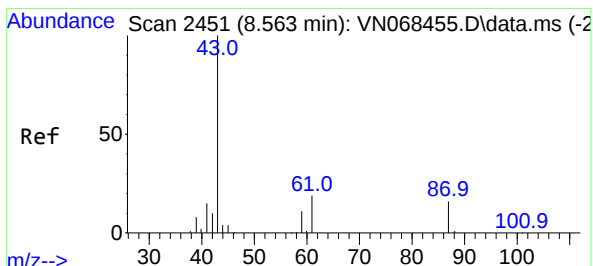
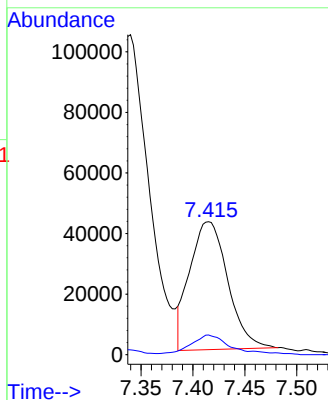
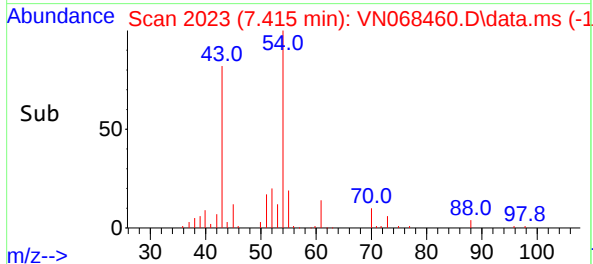
Instrument :
MSVOA_N
ClientSampleId :
ICVVN091321



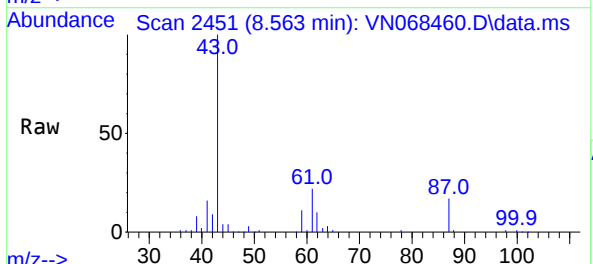
Tgt Ion: 43 Resp: 107708
Ion Ratio Lower Upper
43 100
45 12.9 0.4 0.6

Manual Integrations
APPROVED

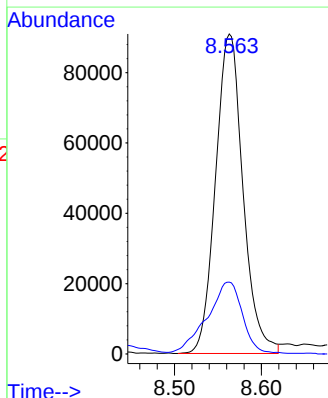
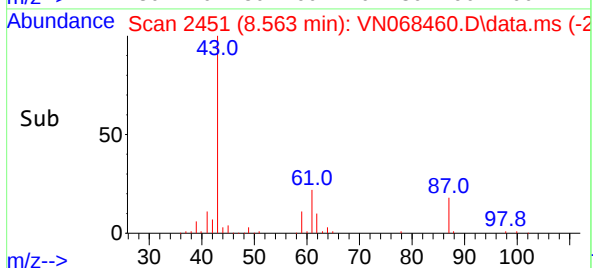
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021

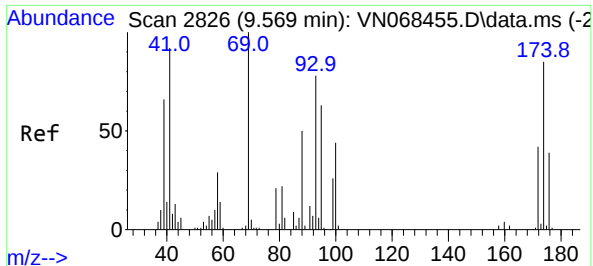


#44
Isopropyl Acetate
Concen: 18.757 ug/l
RT: 8.563 min Scan# 2451
Delta R.T. -0.000 min
Lab File: VN068460.D
Acq: 13 Sep 2021 16:13



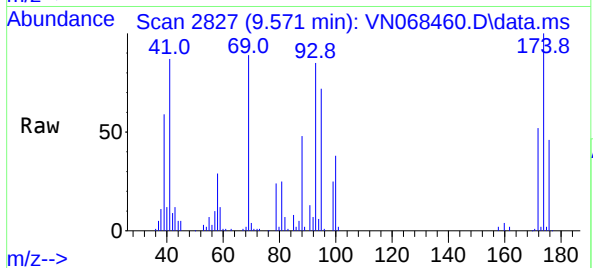
Tgt Ion: 43 Resp: 199106
Ion Ratio Lower Upper
43 100
61 28.0 22.7 34.1





#45
1,4-Dioxane
Concen: 390.724 ug/l
RT: 9.571 min Scan# 2827
Delta R.T. 0.003 min
Lab File: VN068460.D
Acq: 13 Sep 2021 16:13

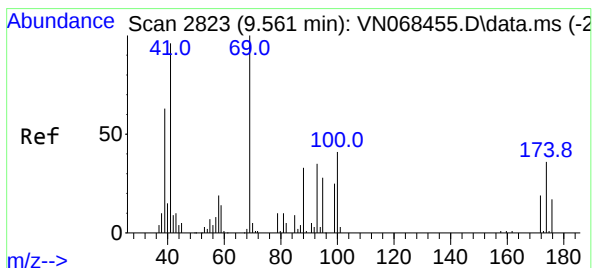
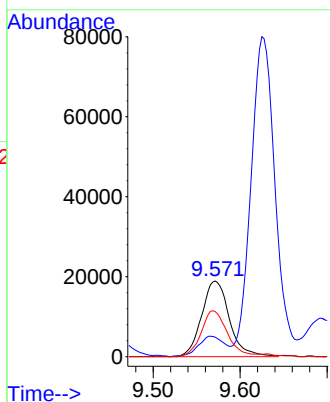
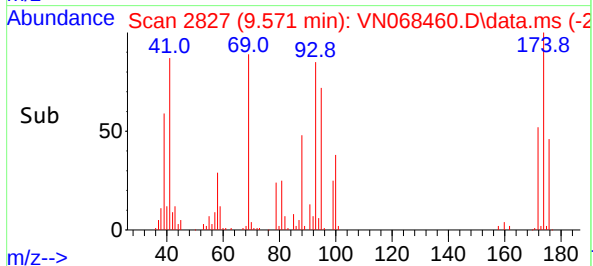
Instrument :
MSVOA_N
ClientSampleId :
ICVVN091321



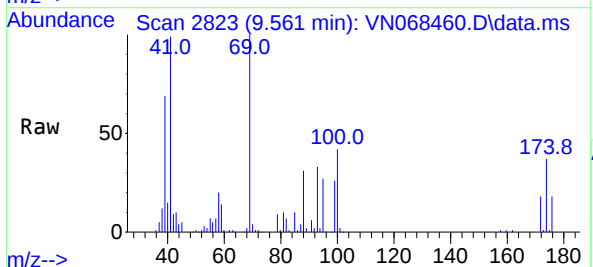
Tgt Ion: 88 Resp: 41938
Ion Ratio Lower Upper
88 100
43 25.9 21.0 31.4
58 56.9 47.0 70.6

Manual Integrations
APPROVED

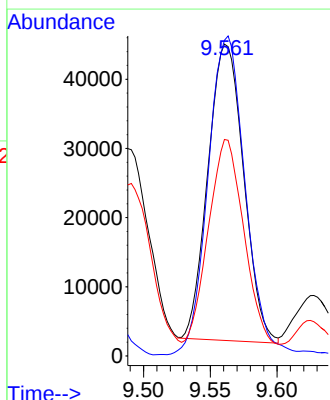
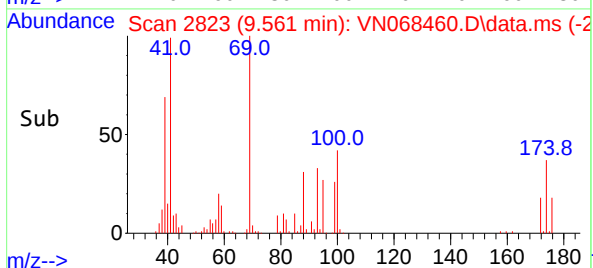
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021

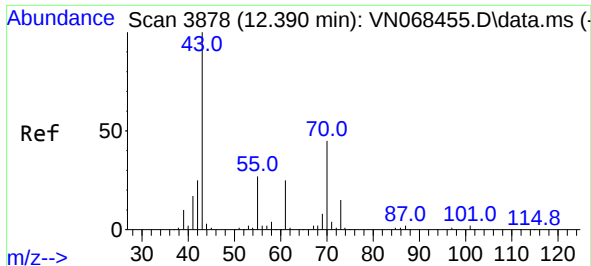


#46
Methyl methacrylate
Concen: 18.577 ug/l
RT: 9.561 min Scan# 2823
Delta R.T. -0.000 min
Lab File: VN068460.D
Acq: 13 Sep 2021 16:13



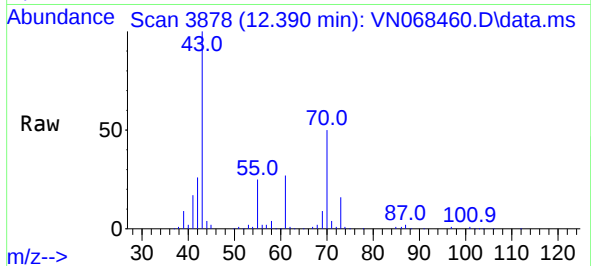
Tgt Ion: 41 Resp: 79762
Ion Ratio Lower Upper
41 100
69 105.5 51.4 154.3
39 69.6 33.1 99.2





#47
n-amy1 Acetate
Concen: 19.102 ug/l
RT: 12.390 min Scan# 3878
Delta R.T. -0.000 min
Lab File: VN068460.D
Acq: 13 Sep 2021 16:13

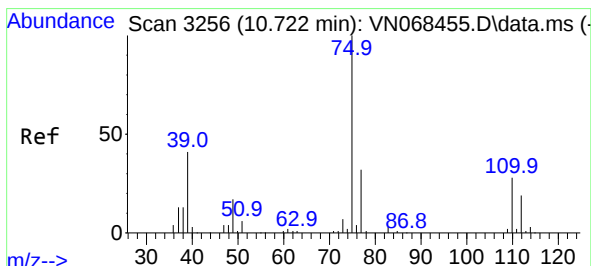
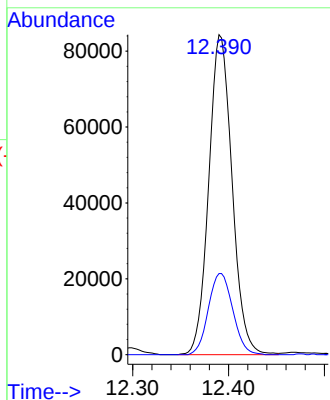
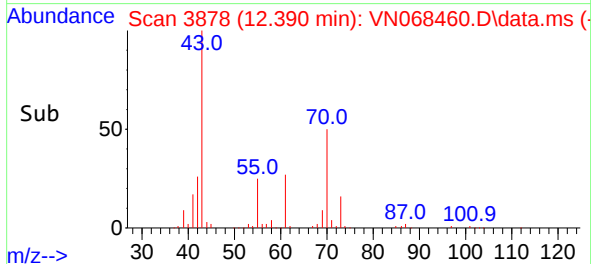
Instrument :
MSVOA_N
ClientSampleId :
ICVVN091321



Tgt Ion: 43 Resp: 142378
Ion Ratio Lower Upper
43 100
55 26.5 21.7 32.5

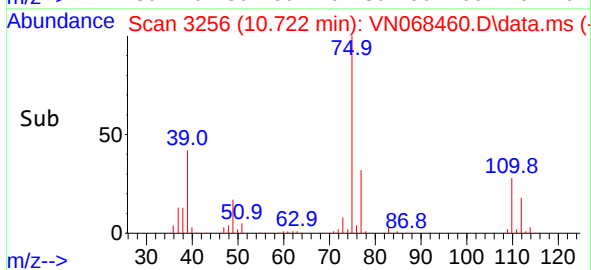
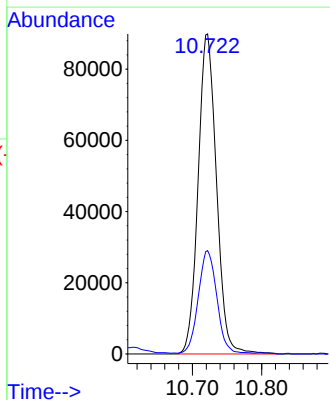
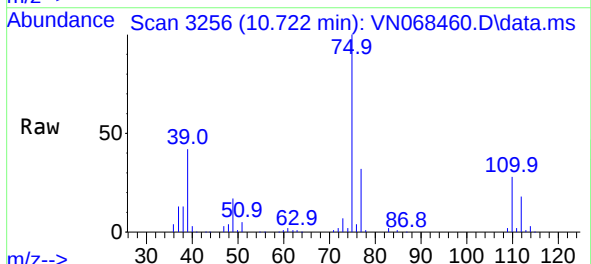
Manual Integrations
APPROVED

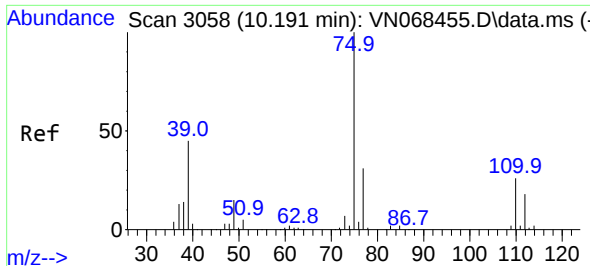
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021



#48
t-1,3-Dichloropropene
Concen: 18.646 ug/l
RT: 10.722 min Scan# 3256
Delta R.T. -0.000 min
Lab File: VN068460.D
Acq: 13 Sep 2021 16:13

Tgt Ion: 75 Resp: 165729
Ion Ratio Lower Upper
75 100
77 32.3 26.0 39.0





#49
cis-1,3-Dichloropropene
Concen: 18.542 ug/l
RT: 10.191 min Scan# 3058
Delta R.T. -0.000 min
Lab File: VN068460.D
Acq: 13 Sep 2021 16:13

Instrument :

MSVOA_N

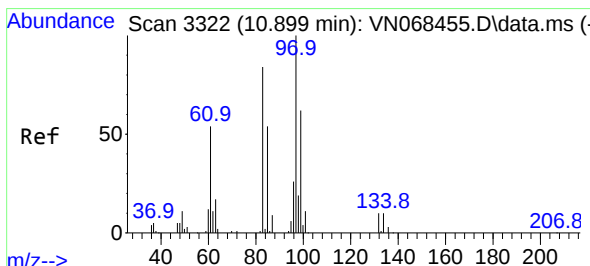
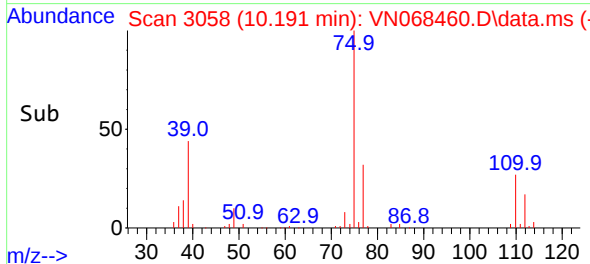
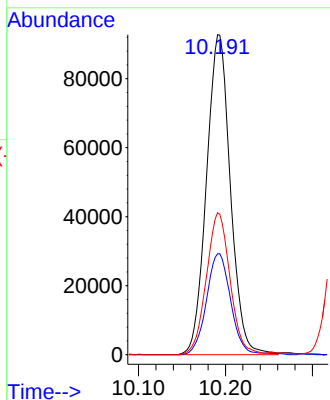
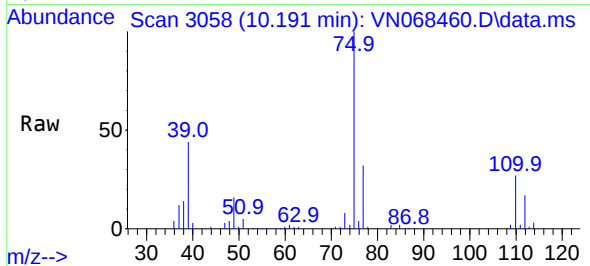
ClientSampleId :

ICVVN091321

Tgt Ion: 75 Resp: 177125
Ion Ratio Lower Upper
75 100
77 31.5 24.6 36.8
39 44.3 35.9 53.9

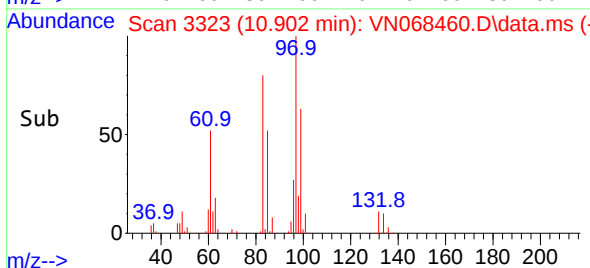
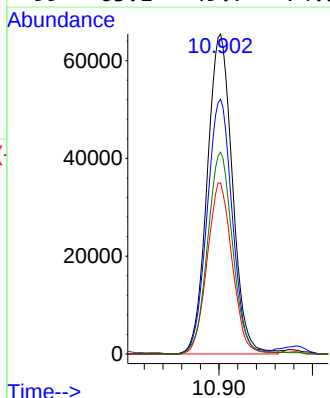
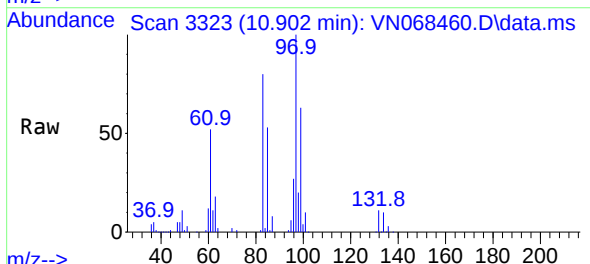
Manual Integrations
APPROVED

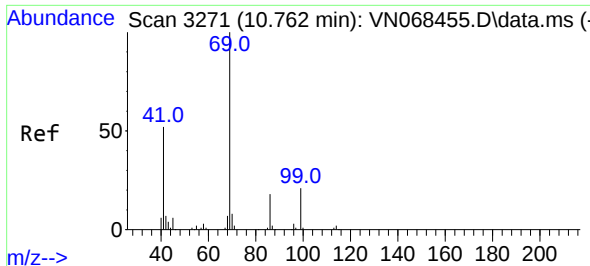
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021



#50
1,1,2-Trichloroethane
Concen: 18.667 ug/l
RT: 10.902 min Scan# 3323
Delta R.T. 0.003 min
Lab File: VN068460.D
Acq: 13 Sep 2021 16:13

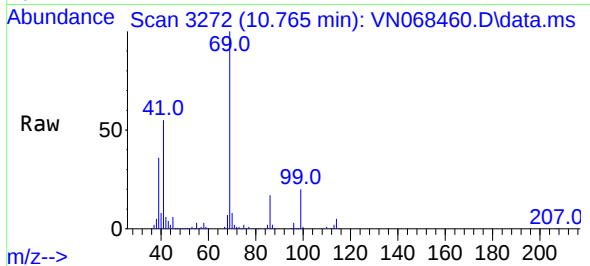
Tgt Ion: 97 Resp: 122542
Ion Ratio Lower Upper
97 100
83 79.6 66.8 100.2
85 53.4 43.5 65.3
99 63.1 49.7 74.5





#51
Ethyl methacrylate
Concen: 18.714 ug/l
RT: 10.765 min Scan# 31
Delta R.T. 0.003 min
Lab File: VN068460.D
Acq: 13 Sep 2021 16:13

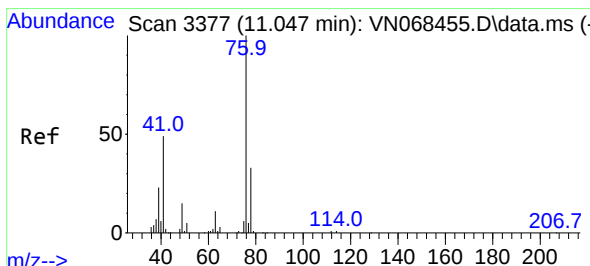
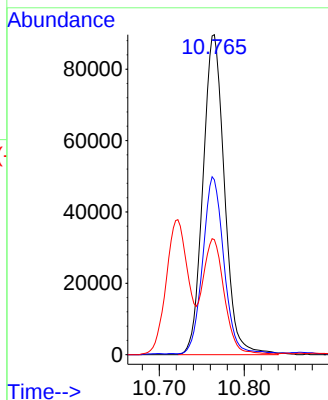
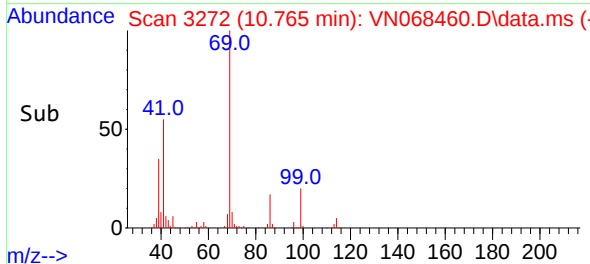
Instrument :
MSVOA_N
ClientSampleId :
ICVVN091321



Tgt Ion: 69 Resp: 15772
Ion Ratio Lower Upper
69 100
41 54.3 26.1 78.3
39 35.6 18.0 54.0

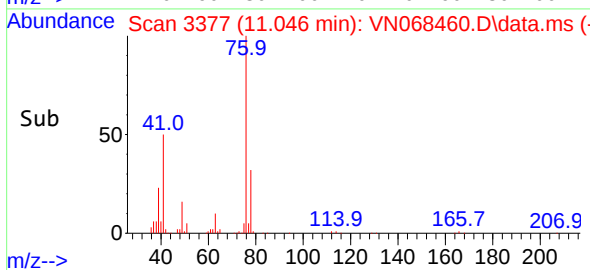
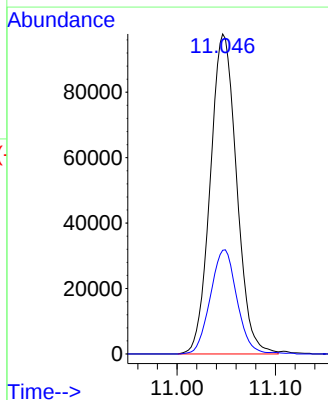
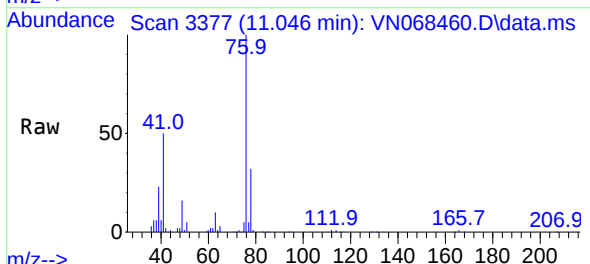
Manual Integrations
APPROVED

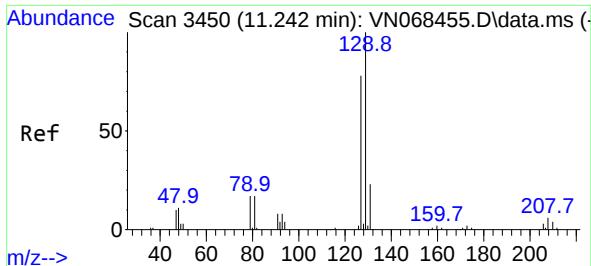
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021



#52
1,3-Dichloropropane
Concen: 18.674 ug/l
RT: 11.046 min Scan# 3377
Delta R.T. -0.000 min
Lab File: VN068460.D
Acq: 13 Sep 2021 16:13

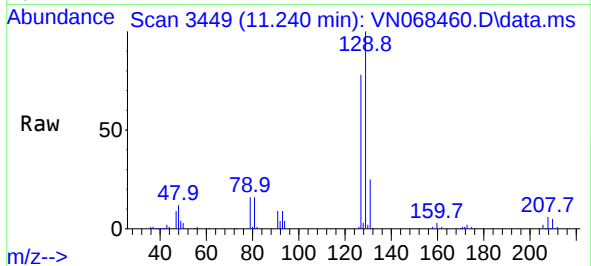
Tgt Ion: 76 Resp: 182303
Ion Ratio Lower Upper
76 100
78 32.7 0.0 66.4





#53
Dibromochloromethane
Concen: 18.126 ug/l
RT: 11.240 min Scan# 3450
Delta R.T. -0.003 min
Lab File: VN068460.D
Acq: 13 Sep 2021 16:13

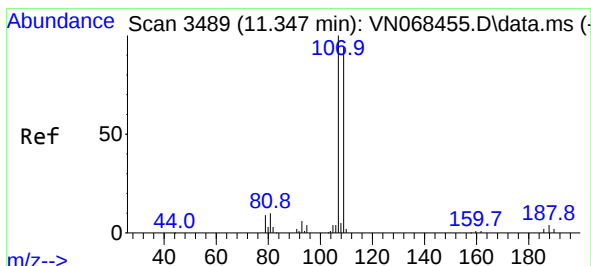
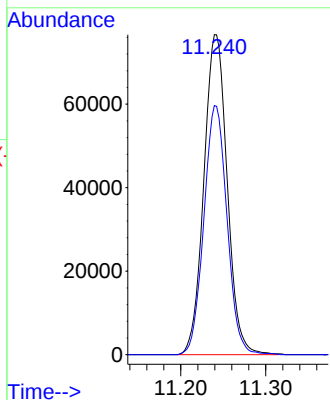
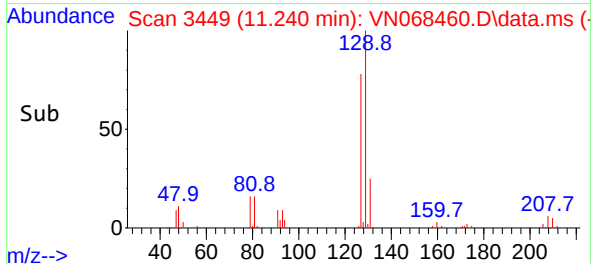
Instrument :
MSVOA_N
ClientSampleId :
ICVVN091321



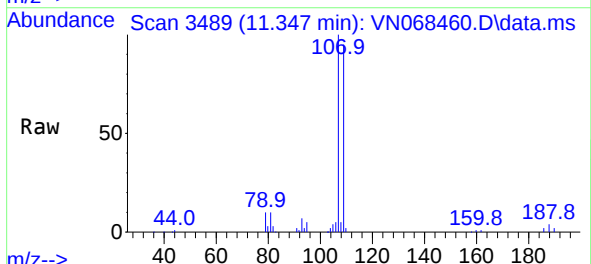
Tgt Ion:129 Resp: 146312
Ion Ratio Lower Upper
129 100
127 77.1 38.5 115.5

Manual Integrations
APPROVED

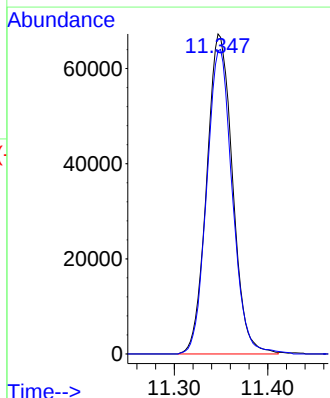
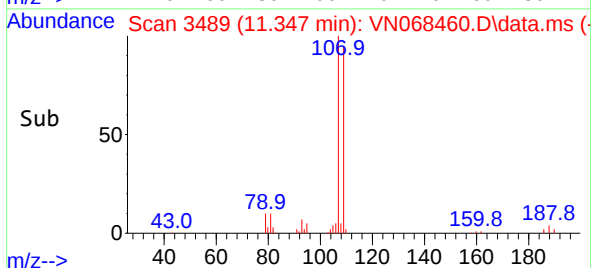
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021

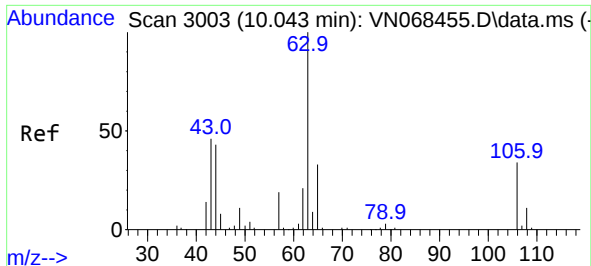


#54
1,2-Dibromoethane
Concen: 18.337 ug/l
RT: 11.347 min Scan# 3489
Delta R.T. -0.000 min
Lab File: VN068460.D
Acq: 13 Sep 2021 16:13



Tgt Ion:107 Resp: 129097
Ion Ratio Lower Upper
107 100
109 94.3 77.0 115.4





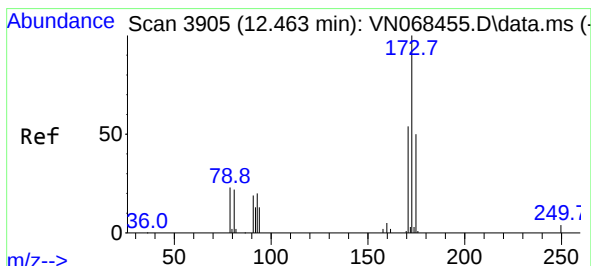
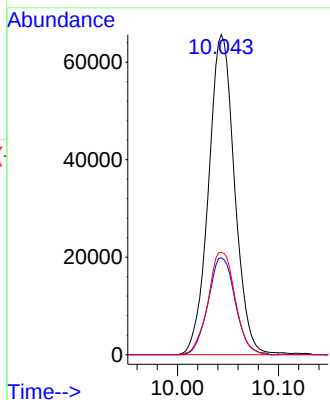
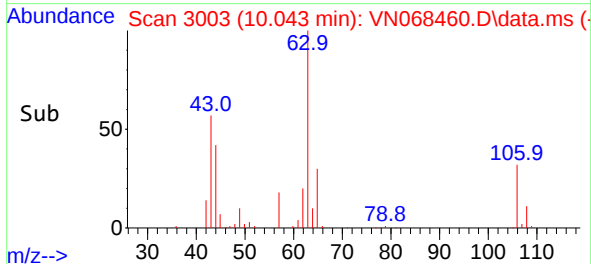
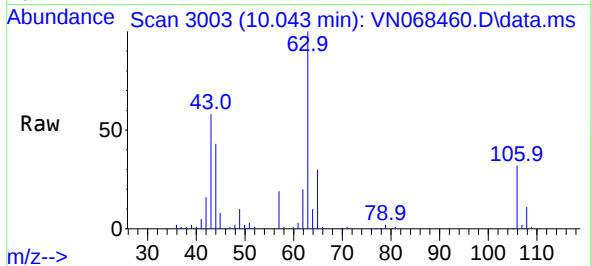
#55
2-Chloroethyl vinyl ether
Concen: 82.198 ug/l
RT: 10.043 min Scan# 3003
Delta R.T. -0.000 min
Lab File: VN068460.D
Acq: 13 Sep 2021 16:13

Instrument :
MSVOA_N
ClientSampleId :
ICVVN091321

Tgt Ion: 63 Resp: 117270
Ion Ratio Lower Upper
63 100
65 31.6 26.2 39.2
106 33.4 27.7 41.5

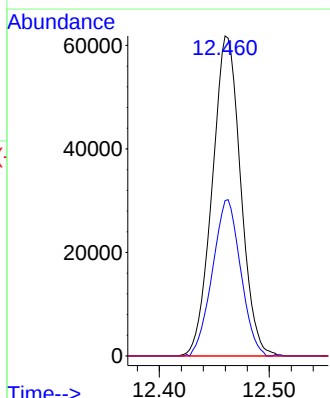
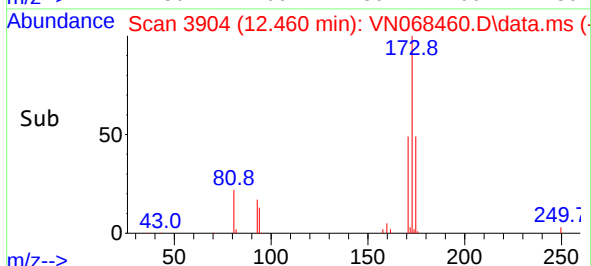
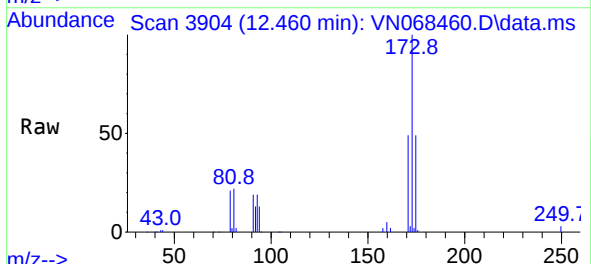
Manual Integrations
APPROVED

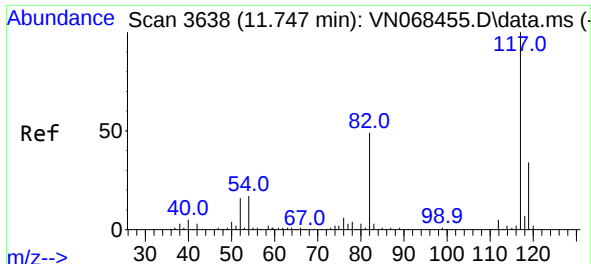
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021



#56
Bromoform
Concen: 17.126 ug/l
RT: 12.460 min Scan# 3904
Delta R.T. -0.003 min
Lab File: VN068460.D
Acq: 13 Sep 2021 16:13

Tgt Ion:173 Resp: 111032
Ion Ratio Lower Upper
173 100
175 48.4 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: VN068460.D
Acq: 13 Sep 2021 16:13

Instrument :

MSVOA_N

ClientSampleId :

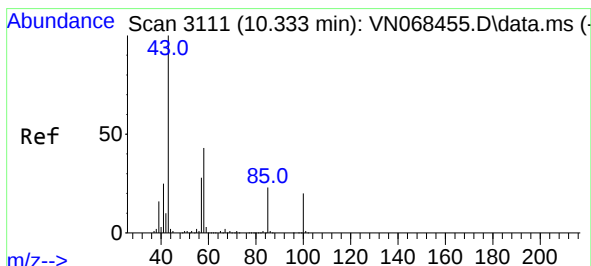
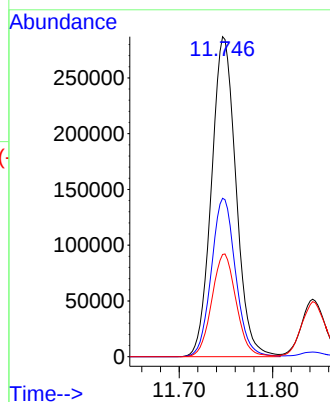
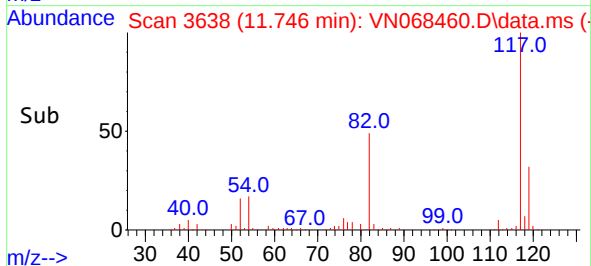
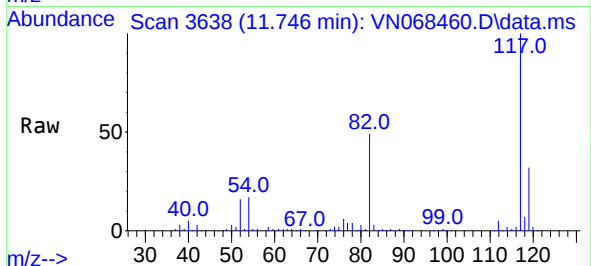
ICVVN091321

Tgt Ion:117 Resp: 522480
Ion Ratio Lower Upper
117 100
82 49.1 39.4 59.0
119 32.0 26.2 39.2

Manual Integrations

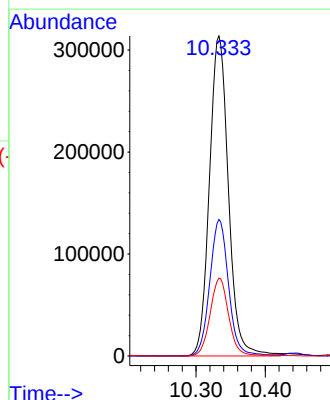
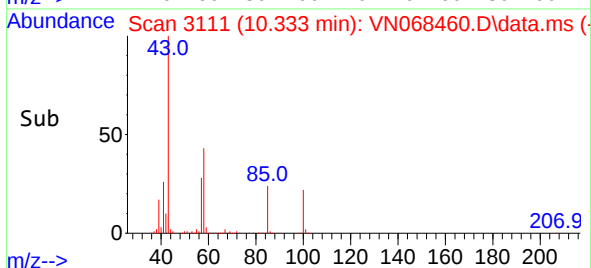
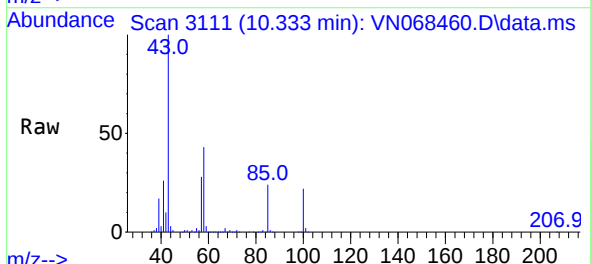
APPROVED

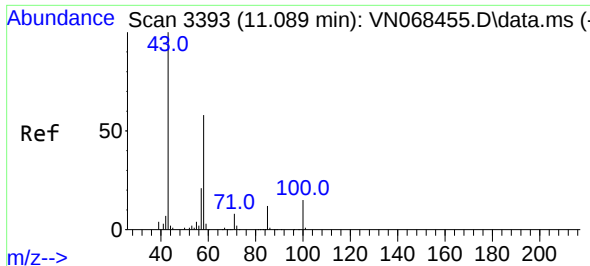
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021



#58
4-Methyl-2-Pentanone
Concen: 97.333 ug/l
RT: 10.333 min Scan# 3111
Delta R.T. -0.000 min
Lab File: VN068460.D
Acq: 13 Sep 2021 16:13

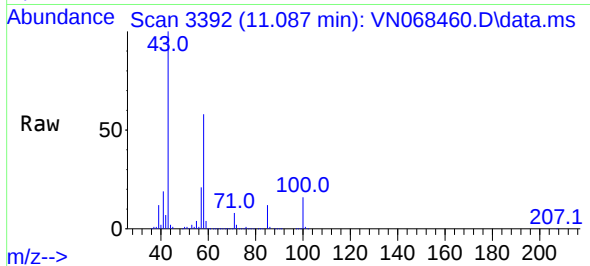
Tgt Ion: 43 Resp: 598642
Ion Ratio Lower Upper
43 100
58 42.2 33.3 49.9
85 23.6 18.6 27.8





#59
2-Hexanone
Concen: 97.801 ug/l
RT: 11.087 min Scan# 31
Delta R.T. -0.003 min
Lab File: VN068460.D
Acq: 13 Sep 2021 16:13

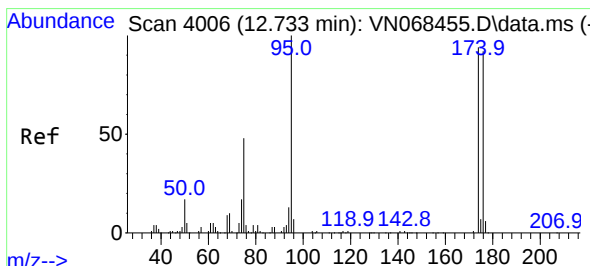
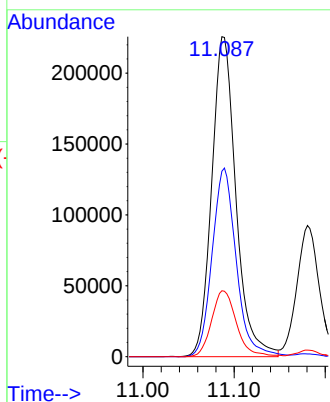
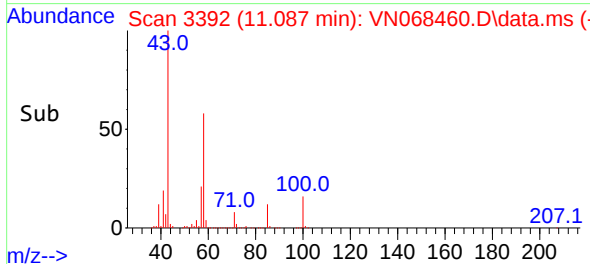
Instrument :
MSVOA_N
ClientSampleId :
ICVVN091321



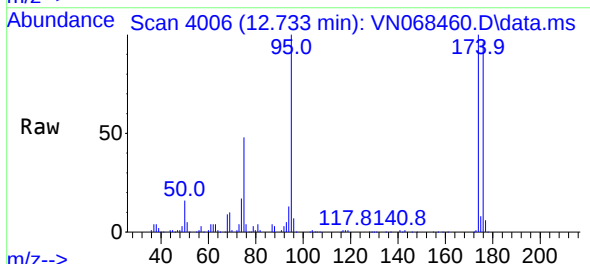
Tgt Ion: 43 Resp: 41689
Ion Ratio Lower Upper
43 100
58 58.7 46.4 69.6
57 21.1 16.6 25.0

Manual Integrations
APPROVED

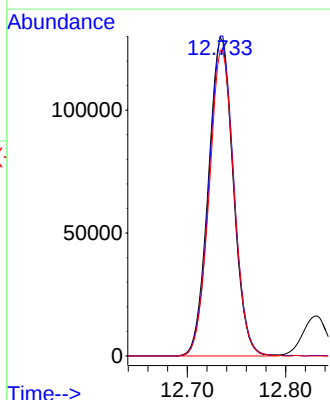
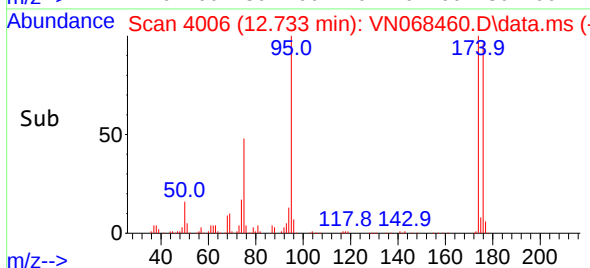
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021

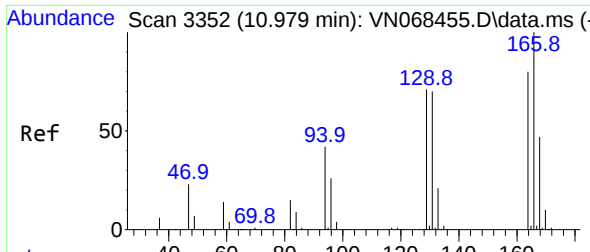


#60
4-Bromofluorobenzene
Concen: 30.548 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.000 min
Lab File: VN068460.D
Acq: 13 Sep 2021 16:13



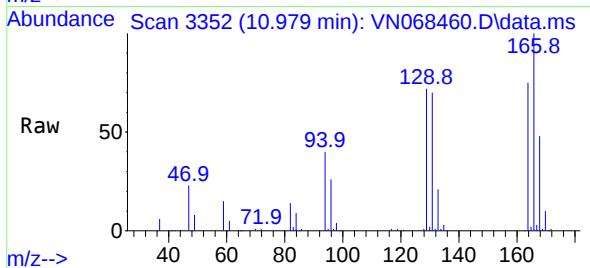
Tgt Ion: 95 Resp: 227497
Ion Ratio Lower Upper
95 100
174 99.7 78.0 117.0
176 95.8 76.4 114.6





#61
Tetrachloroethene
Concen: 18.384 ug/l
RT: 10.979 min Scan# 311
Delta R.T. -0.000 min
Lab File: VN068460.D
Acq: 13 Sep 2021 16:13

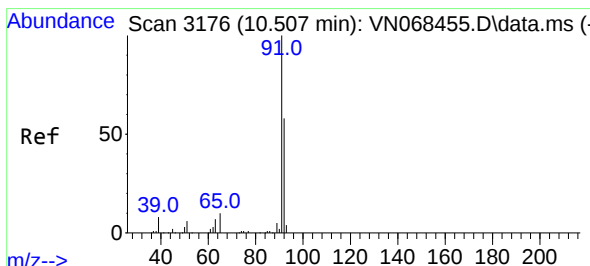
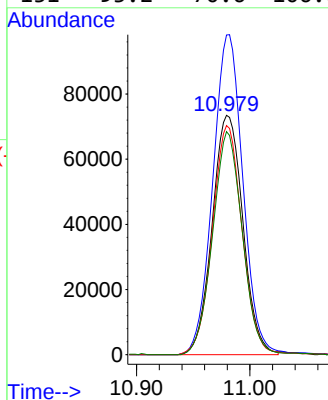
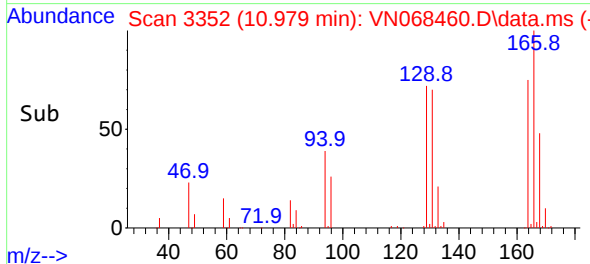
Instrument :
MSVOA_N
ClientSampleId :
ICVVN091321



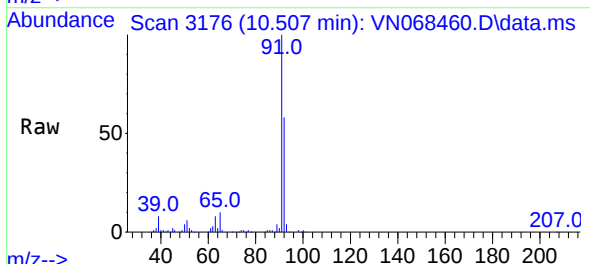
Tgt Ion:164 Resp: 138100
Ion Ratio Lower Upper
164 100
166 133.6 100.4 150.6
129 95.7 71.4 107.0
131 93.2 70.6 106.0

Manual Integrations
APPROVED

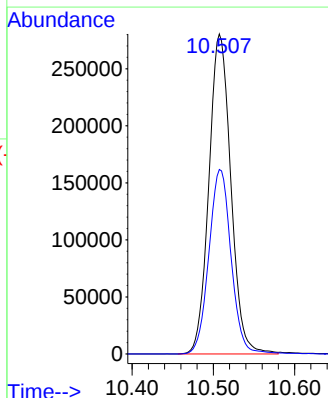
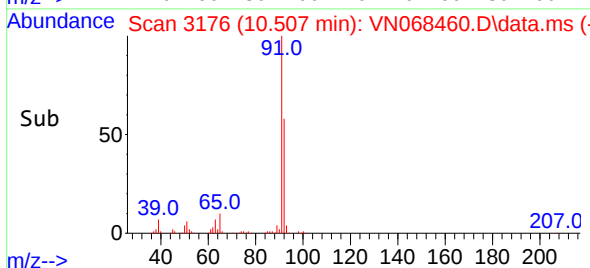
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021

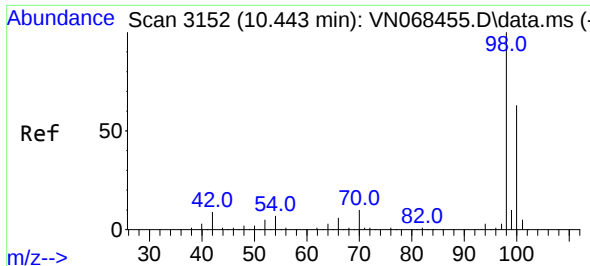


#62
Toluene
Concen: 19.160 ug/l
RT: 10.507 min Scan# 3176
Delta R.T. -0.000 min
Lab File: VN068460.D
Acq: 13 Sep 2021 16:13



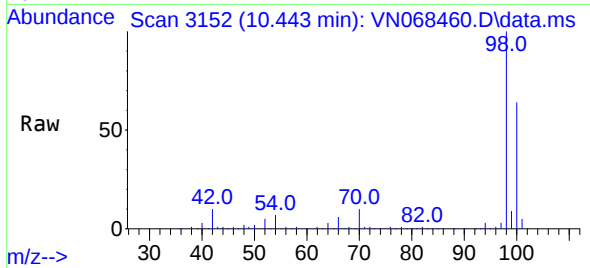
Tgt Ion: 91 Resp: 526890
Ion Ratio Lower Upper
91 100
92 58.3 45.8 68.6





#63
Toluene-d8
Concen: 30.645 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VN068460.D
Acq: 13 Sep 2021 16:13

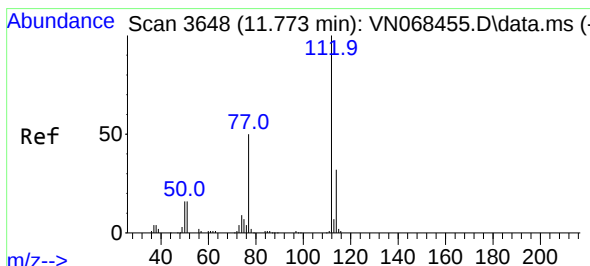
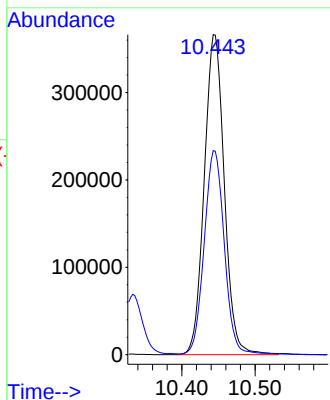
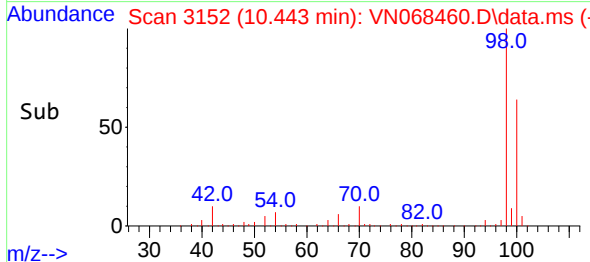
Instrument :
MSVOA_N
ClientSampleId :
ICVVN091321



Tgt Ion: 98 Resp: 696549
Ion Ratio Lower Upper
98 100
100 62.9 50.9 76.3

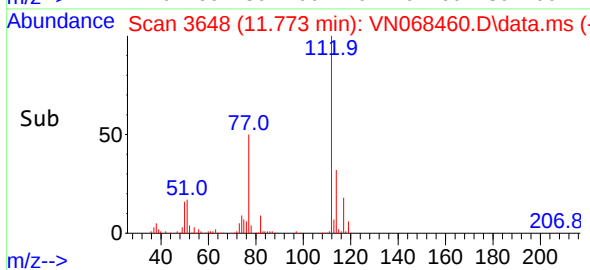
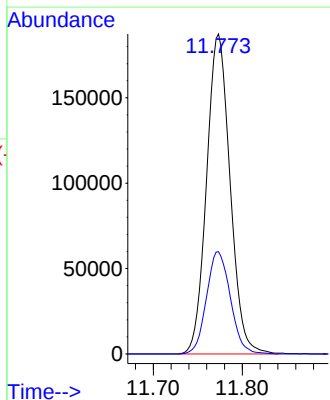
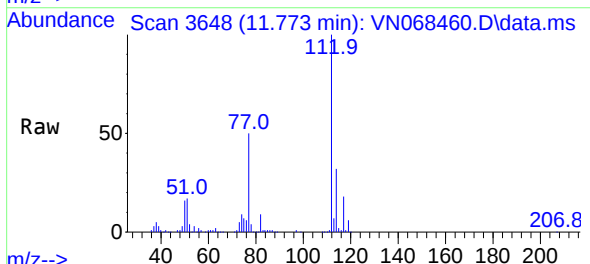
Manual Integrations
APPROVED

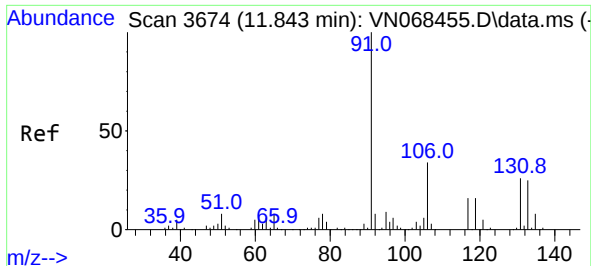
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021



#64
Chlorobenzene
Concen: 18.949 ug/l
RT: 11.773 min Scan# 3648
Delta R.T. -0.000 min
Lab File: VN068460.D
Acq: 13 Sep 2021 16:13

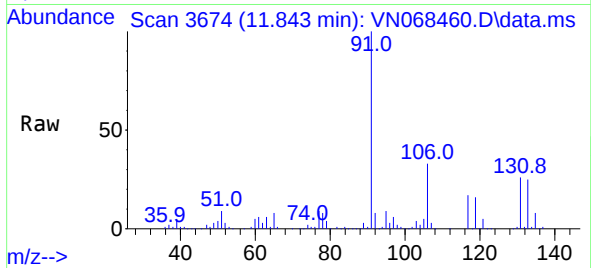
Tgt Ion:112 Resp: 343673
Ion Ratio Lower Upper
112 100
114 31.9 25.8 38.6





#65
1,1,1,2-Tetrachloroethane
Concen: 19.135 ug/l
RT: 11.843 min Scan# 3674
Delta R.T. -0.000 min
Lab File: VN068460.D
Acq: 13 Sep 2021 16:13

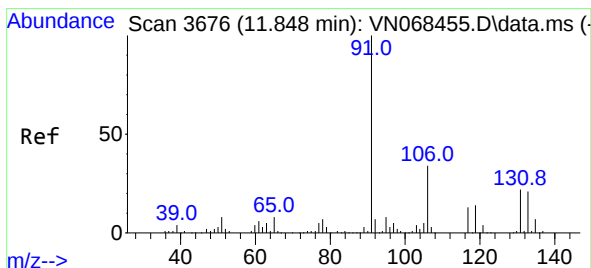
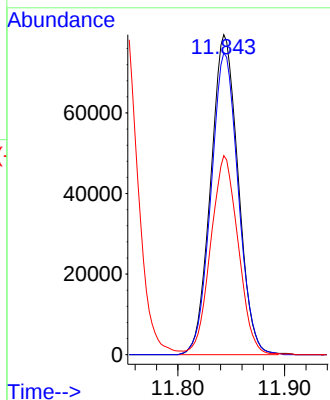
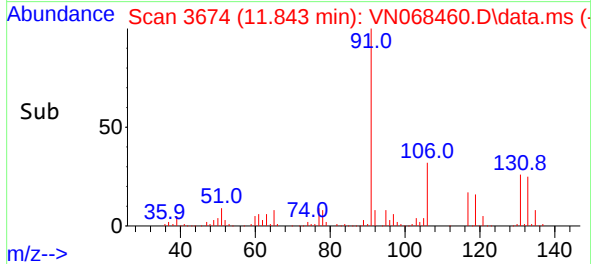
Instrument :
MSVOA_N
ClientSampleId :
ICVVN091321



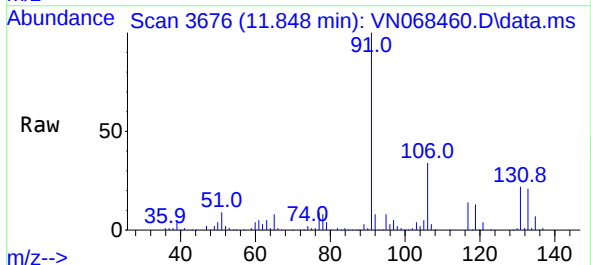
Tgt Ion:131 Resp: 141630
Ion Ratio Lower Upper
131 100
133 93.9 0.0 192.2
119 62.3 0.0 127.0

Manual Integrations
APPROVED

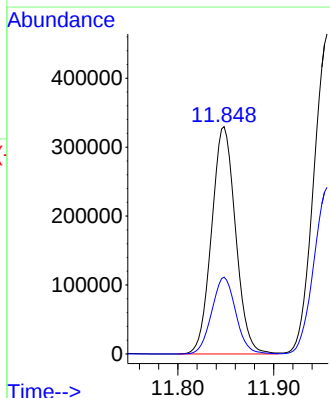
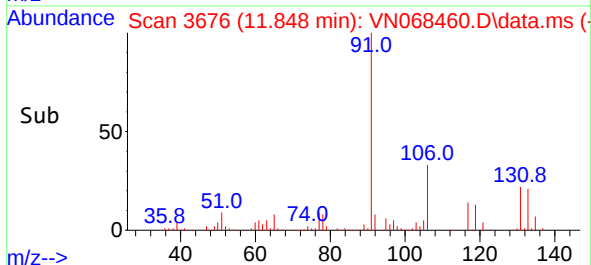
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021

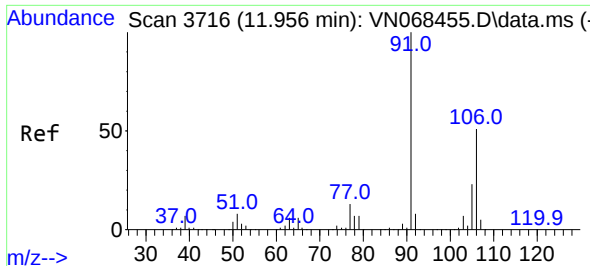


#66
Ethyl Benzene
Concen: 19.157 ug/l
RT: 11.848 min Scan# 3676
Delta R.T. -0.000 min
Lab File: VN068460.D
Acq: 13 Sep 2021 16:13



Tgt Ion: 91 Resp: 572531
Ion Ratio Lower Upper
91 100
106 33.8 27.2 40.8





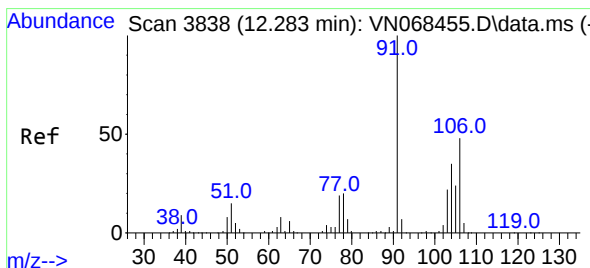
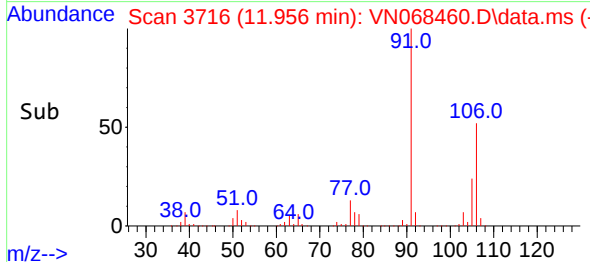
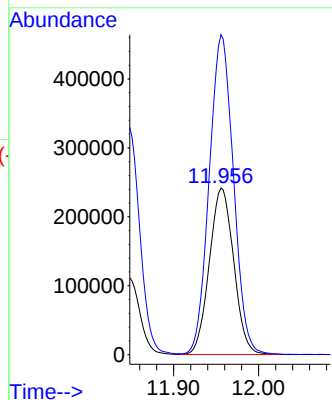
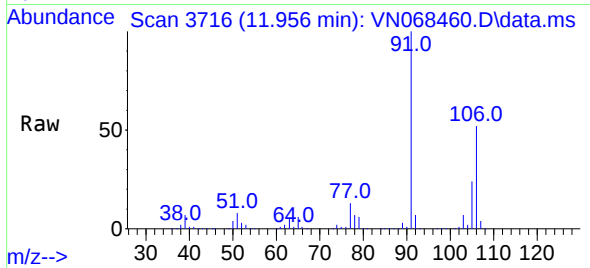
#67
m/p-Xylenes
Concen: 39.108 ug/l
RT: 11.956 min Scan# 3716
Delta R.T. -0.000 min
Lab File: VN068460.D
Acq: 13 Sep 2021 16:13

Instrument :
MSVOA_N
ClientSampleId :
ICVVN091321

Tgt Ion:106 Resp: 48177
Ion Ratio Lower Upper
106 100
91 191.0 152.7 229.1

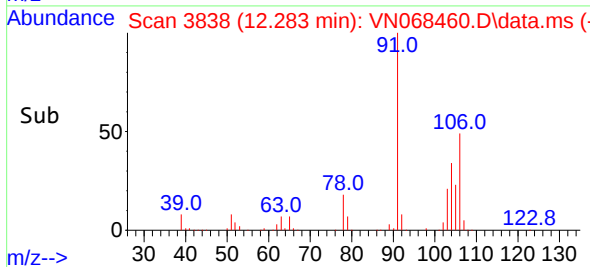
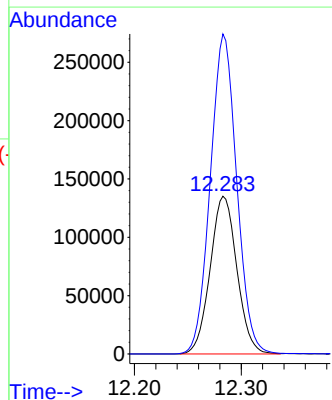
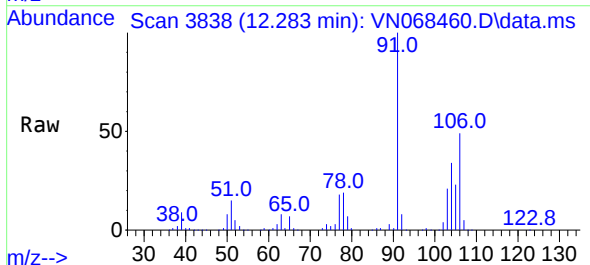
Manual Integrations
APPROVED

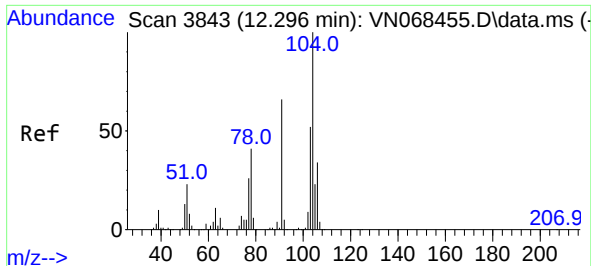
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021



#68
o-Xylene
Concen: 19.323 ug/l
RT: 12.283 min Scan# 3838
Delta R.T. -0.000 min
Lab File: VN068460.D
Acq: 13 Sep 2021 16:13

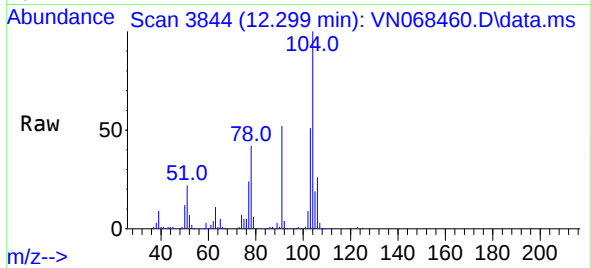
Tgt Ion:106 Resp: 235022
Ion Ratio Lower Upper
106 100
91 200.6 101.5 304.5





#69
Styrene
Concen: 19.212 ug/l
RT: 12.299 min Scan# 3844
Delta R.T. 0.003 min
Lab File: VN068460.D
Acq: 13 Sep 2021 16:13

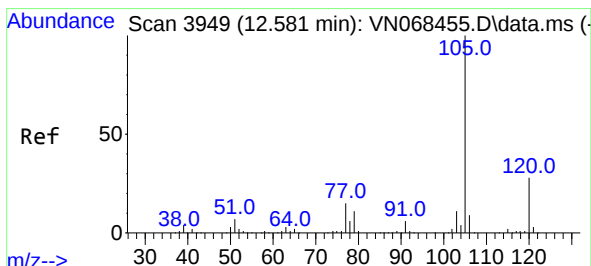
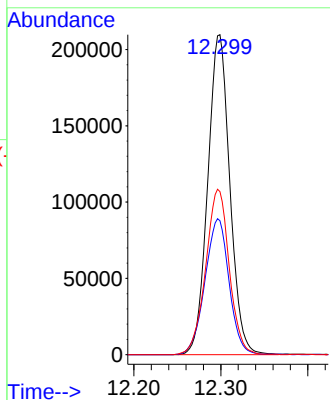
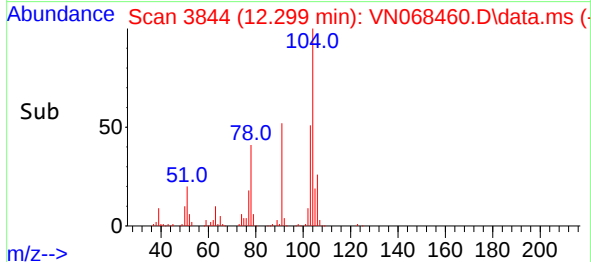
Instrument :
MSVOA_N
ClientSampleId :
ICVVN091321



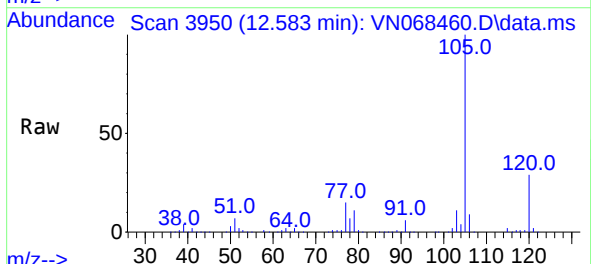
Tgt Ion:104 Resp: 370532
Ion Ratio Lower Upper
104 100
78 46.3 36.5 54.7
103 55.1 43.5 65.3

Manual Integrations
APPROVED

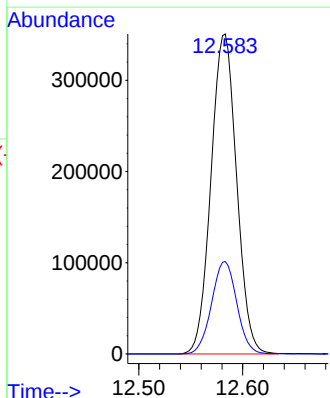
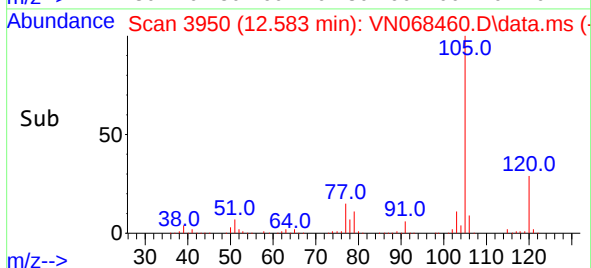
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021

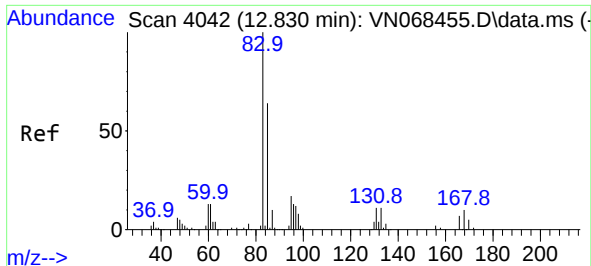


#70
Isopropylbenzene
Concen: 19.439 ug/l
RT: 12.583 min Scan# 3950
Delta R.T. 0.003 min
Lab File: VN068460.D
Acq: 13 Sep 2021 16:13



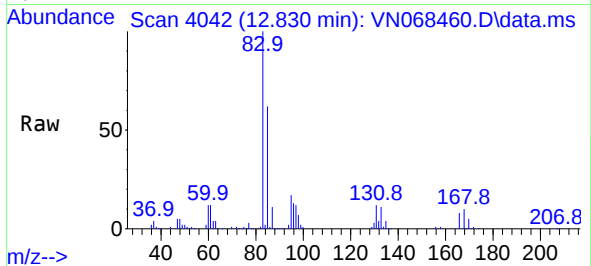
Tgt Ion:105 Resp: 600322
Ion Ratio Lower Upper
105 100
120 28.5 19.7 36.5





#71
1,1,2,2-Tetrachloroethane
Concen: 19.633 ug/l
RT: 12.830 min Scan# 4042
Delta R.T. -0.000 min
Lab File: VN068460.D
Acq: 13 Sep 2021 16:13

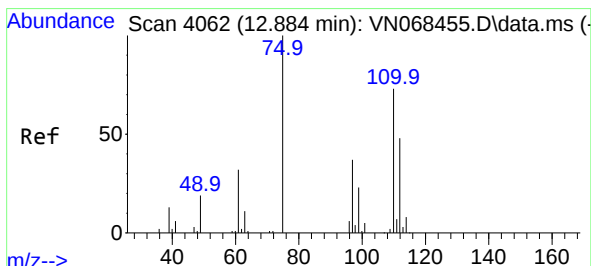
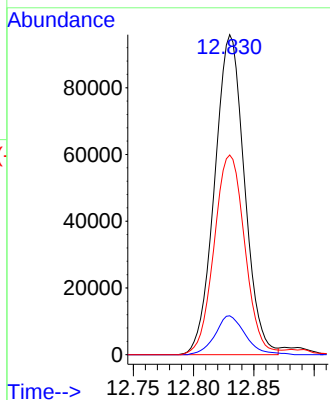
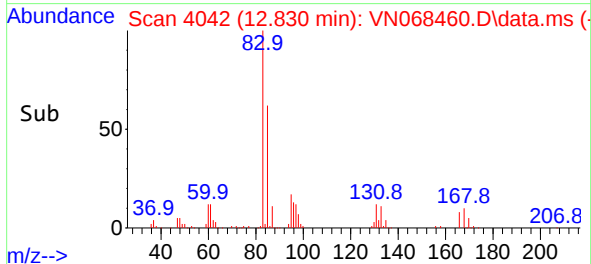
Instrument :
MSVOA_N
ClientSampleId :
ICVVN091321



Tgt Ion: 83 Resp: 165039
Ion Ratio Lower Upper
83 100
131 12.3 5.9 17.7
85 64.3 31.9 95.9

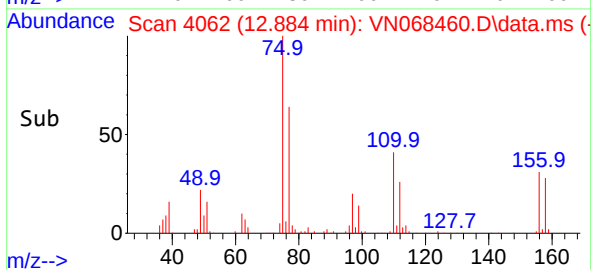
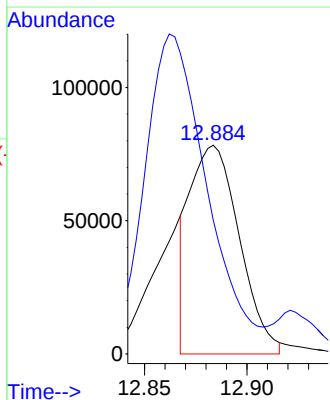
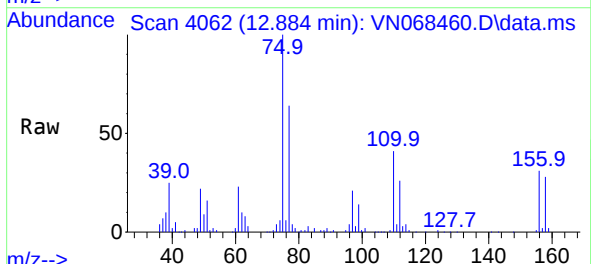
Manual Integrations
APPROVED

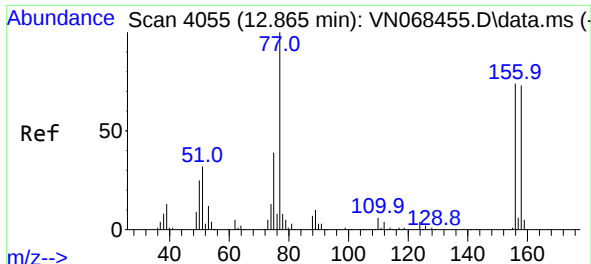
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021



#72
1,2,3-Trichloropropane
Concen: 18.805 ug/l m
RT: 12.884 min Scan# 4062
Delta R.T. -0.000 min
Lab File: VN068460.D
Acq: 13 Sep 2021 16:13

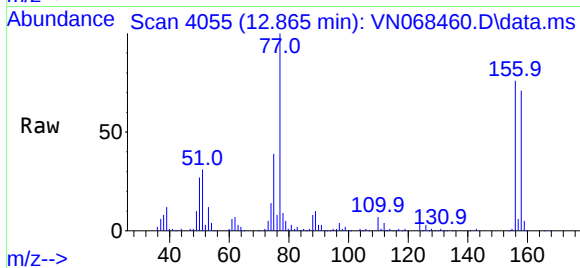
Tgt Ion: 75 Resp: 131596
Ion Ratio Lower Upper
75 100
77 193.4 0.0 357.6





#73
Bromobenzene
Concen: 18.794 ug/l
RT: 12.865 min Scan# 4055
Delta R.T. -0.000 min
Lab File: VN068460.D
Acq: 13 Sep 2021 16:13

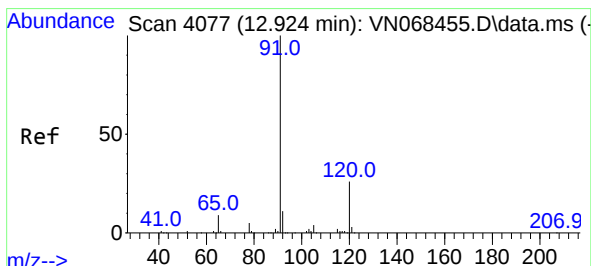
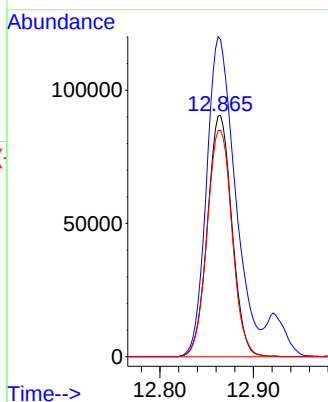
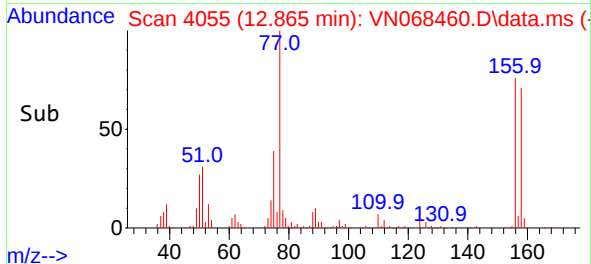
Instrument :
MSVOA_N
ClientSampleId :
ICVVN091321



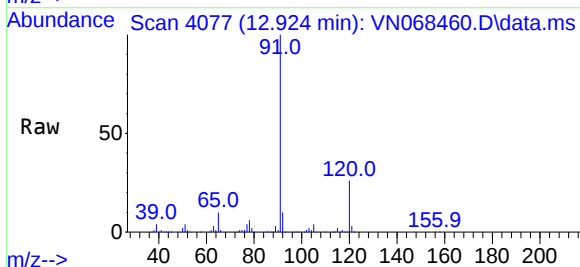
Tgt Ion:156 Resp: 164763
Ion Ratio Lower Upper
156 100
77 154.4 0.0 318.8
158 95.8 0.0 196.2

Manual Integrations
APPROVED

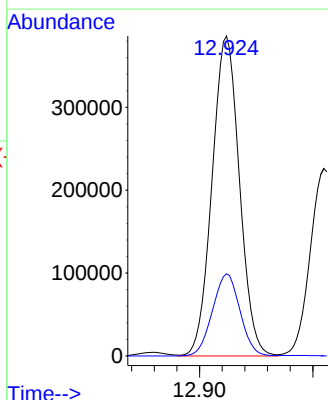
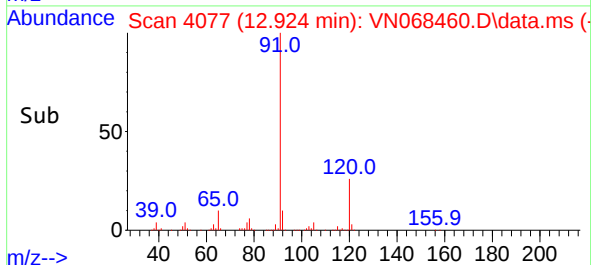
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021

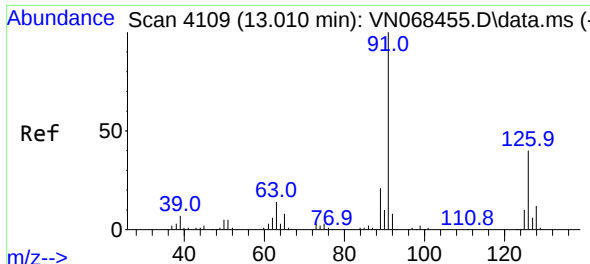


#74
n-propylbenzene
Concen: 19.435 ug/l
RT: 12.924 min Scan# 4077
Delta R.T. -0.000 min
Lab File: VN068460.D
Acq: 13 Sep 2021 16:13



Tgt Ion: 91 Resp: 647270
Ion Ratio Lower Upper
91 100
120 25.8 0.0 51.6





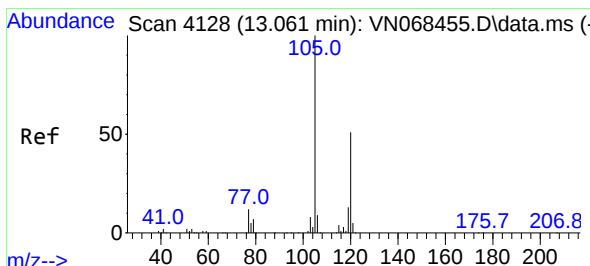
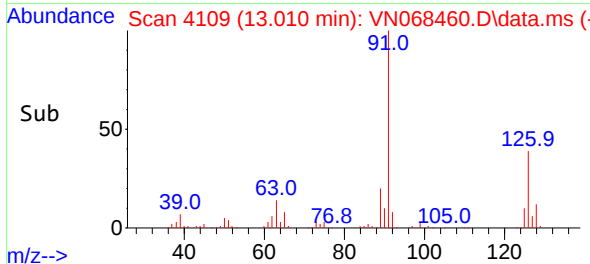
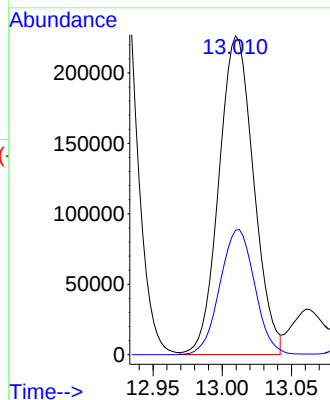
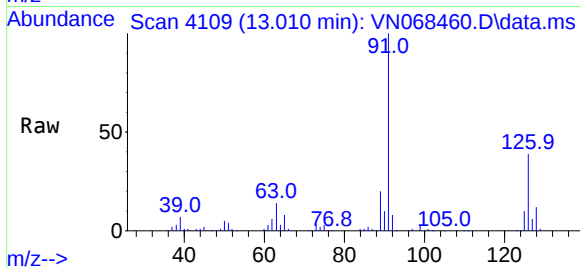
#75
2-Chlorotoluene
Concen: 19.710 ug/l
RT: 13.010 min Scan# 4109
Delta R.T. -0.000 min
Lab File: VN068460.D
Acq: 13 Sep 2021 16:13

Instrument :
MSVOA_N
ClientSampleId :
ICVVN091321

Tgt Ion: 91 Resp: 395058
Ion Ratio Lower Upper
91 100
126 39.4 0.0 77.2

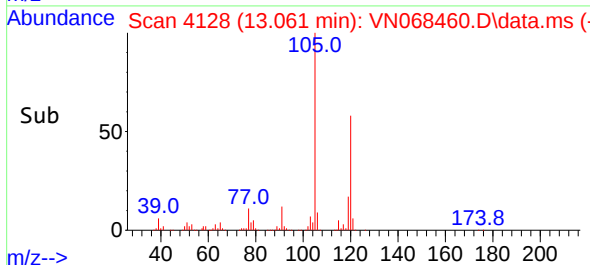
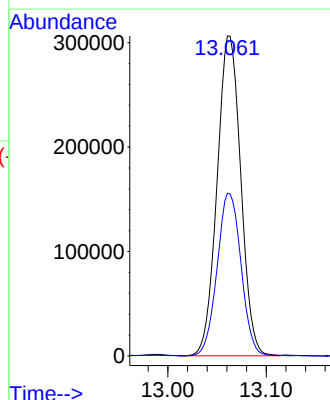
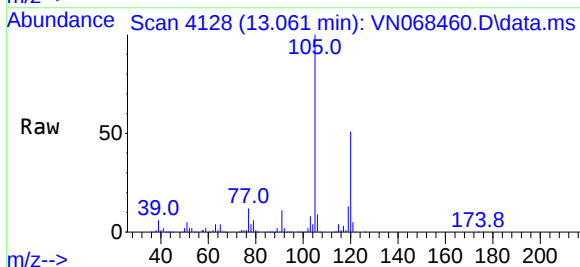
Manual Integrations
APPROVED

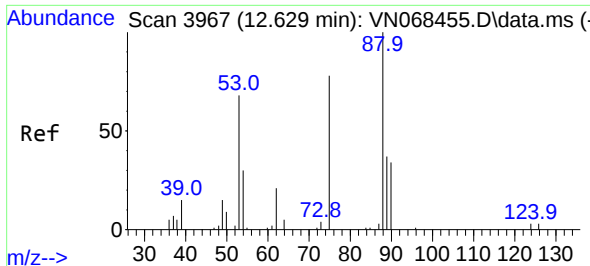
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021



#76
1,3,5-Trimethylbenzene
Concen: 19.890 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. -0.000 min
Lab File: VN068460.D
Acq: 13 Sep 2021 16:13

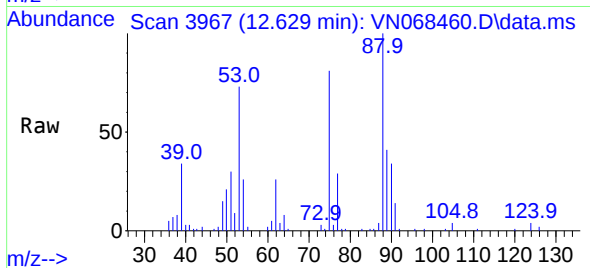
Tgt Ion:105 Resp: 512822
Ion Ratio Lower Upper
105 100
120 51.4 0.0 103.4





#77
t-1,4-Dichloro-2-butene
Concen: 17.853 ug/l
RT: 12.629 min Scan# 3967
Delta R.T. -0.000 min
Lab File: VN068460.D
Acq: 13 Sep 2021 16:13

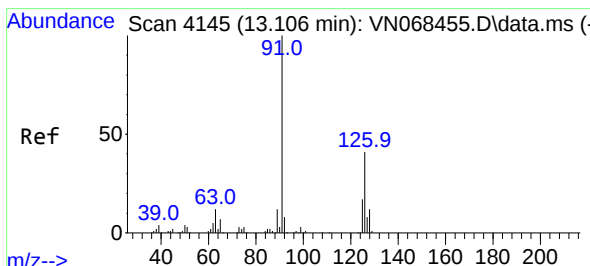
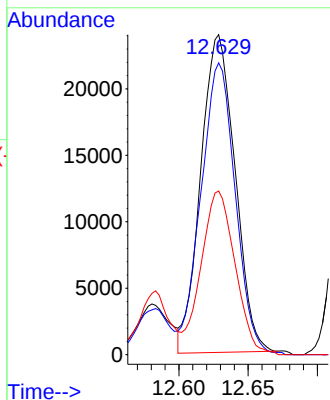
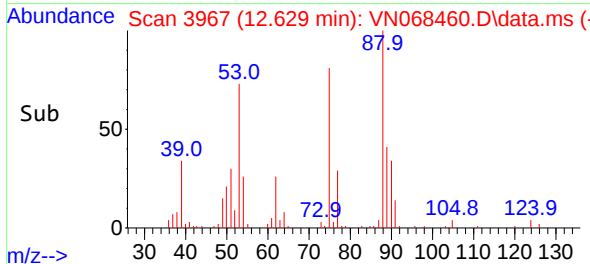
Instrument :
MSVOA_N
ClientSampleId :
ICVVN091321



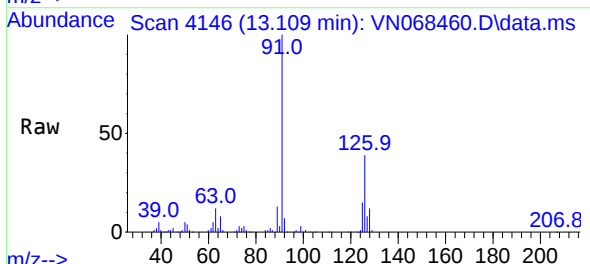
Tgt Ion: 75 Resp: 41220
Ion Ratio Lower Upper
75 100
53 91.5 43.8 131.4
89 51.7 26.2 78.6

Manual Integrations
APPROVED

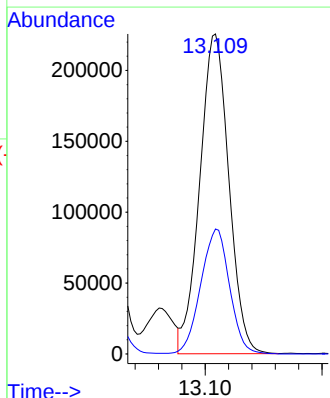
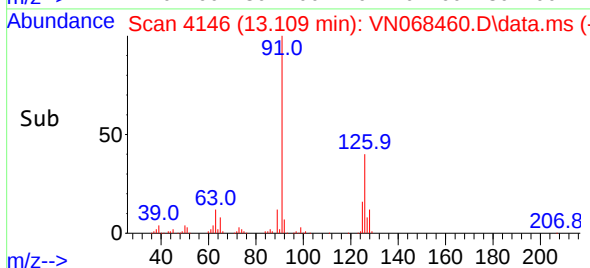
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021

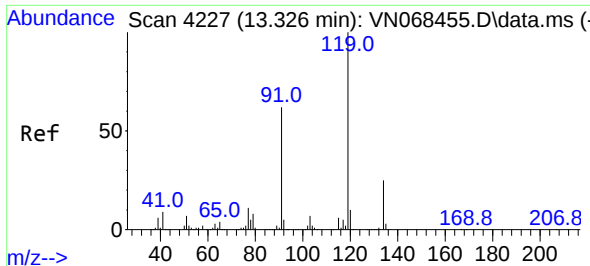


#78
4-Chlorotoluene
Concen: 20.245 ug/l
RT: 13.109 min Scan# 4146
Delta R.T. 0.003 min
Lab File: VN068460.D
Acq: 13 Sep 2021 16:13



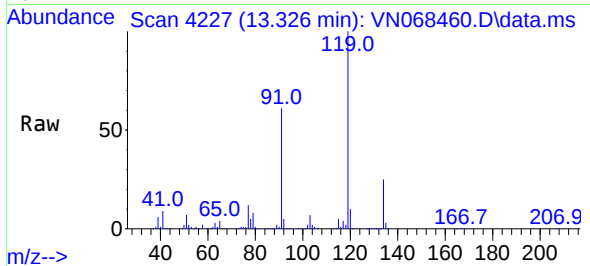
Tgt Ion: 91 Resp: 389418
Ion Ratio Lower Upper
91 100
126 38.8 0.0 77.8





#79
tert-butylbenzene
Concen: 19.941 ug/l
RT: 13.326 min Scan# 4227
Delta R.T. -0.000 min
Lab File: VN068460.D
Acq: 13 Sep 2021 16:13

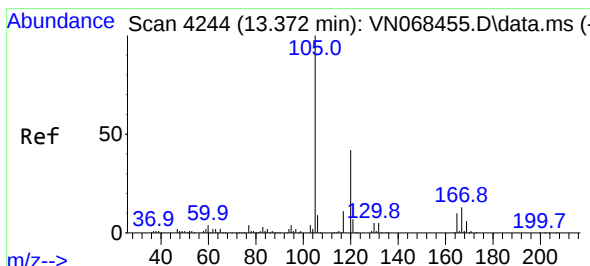
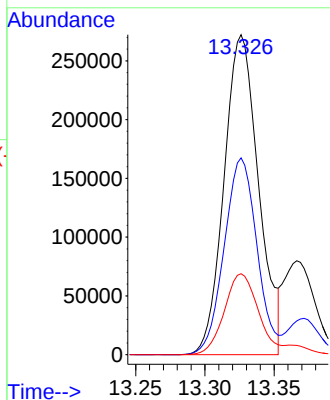
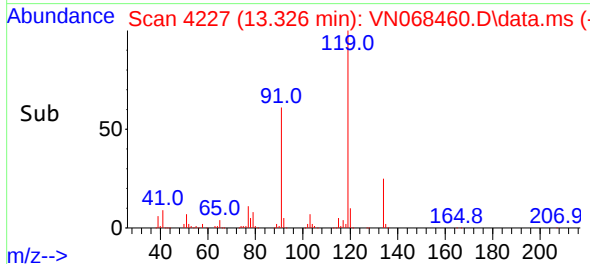
Instrument :
MSVOA_N
ClientSampleId :
ICVVN091321



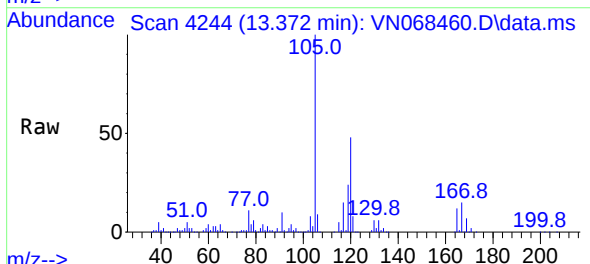
Tgt Ion:119 Resp: 47235
Ion Ratio Lower Upper
119 100
91 58.4 0.0 120.0
134 24.9 0.0 54.0

Manual Integrations
APPROVED

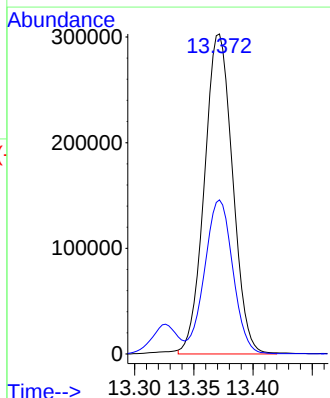
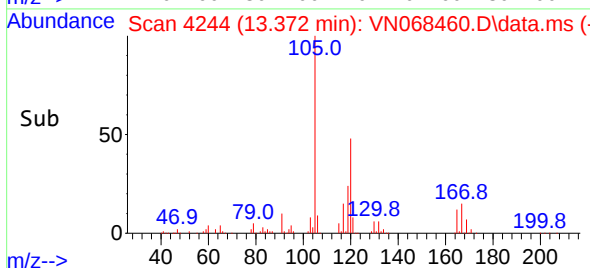
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021

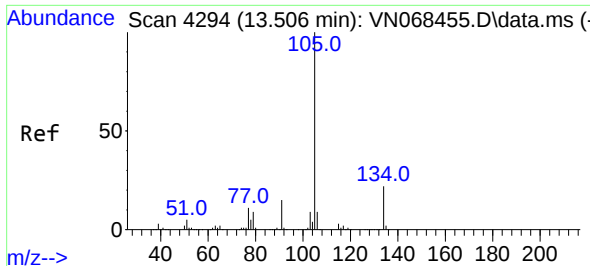


#80
1,2,4-Trimethylbenzene
Concen: 20.118 ug/l m
RT: 13.372 min Scan# 4244
Delta R.T. -0.000 min
Lab File: VN068460.D
Acq: 13 Sep 2021 16:13



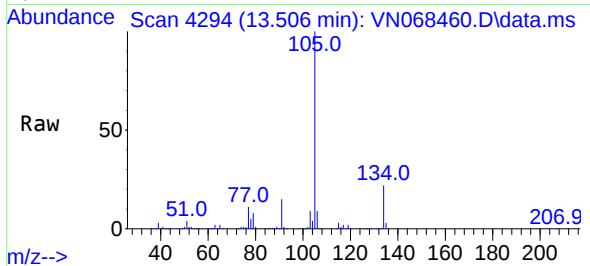
Tgt Ion:105 Resp: 501842
Ion Ratio Lower Upper
105 100
120 0.1 0.0 0.4





#81
 sec-Butylbenzene
 Concen: 19.882 ug/l
 RT: 13.506 min Scan# 4294
 Delta R.T. -0.000 min
 Lab File: VN068460.D
 Acq: 13 Sep 2021 16:13

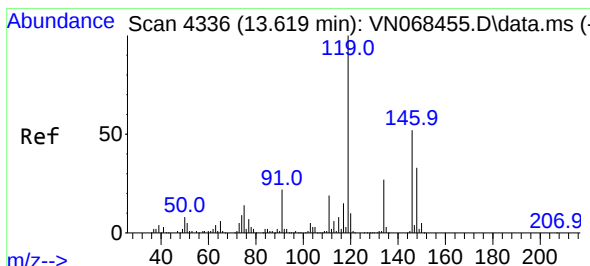
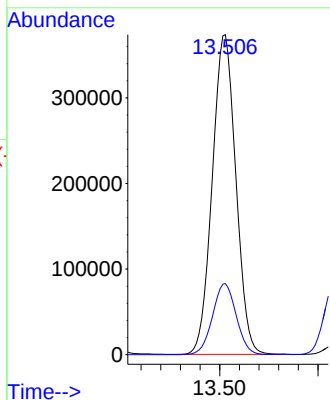
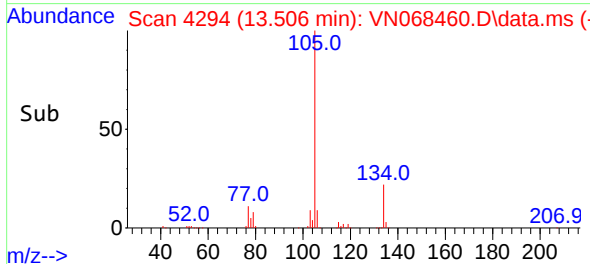
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN091321



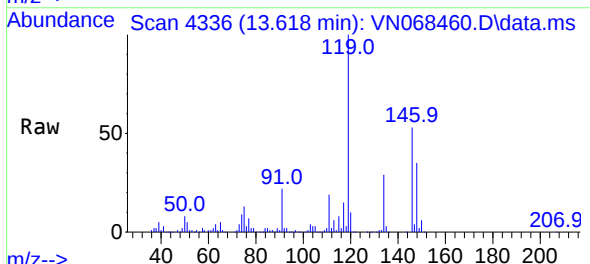
Tgt Ion:105 Resp: 62250
 Ion Ratio Lower Upper
 105 100
 134 22.4 0.0 43.8

Manual Integrations
 APPROVED

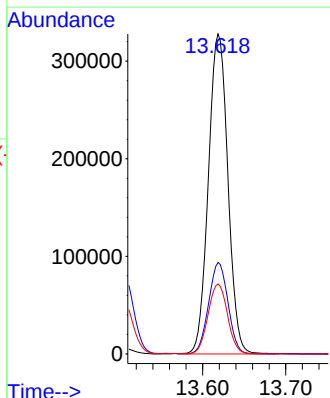
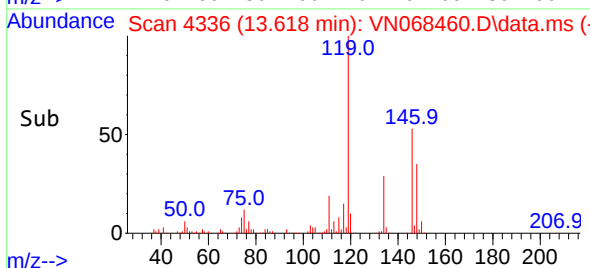
Reviewed By :John Carlone 09/14/2021
 Supervised By :Mahesh Dadoda 09/14/2021

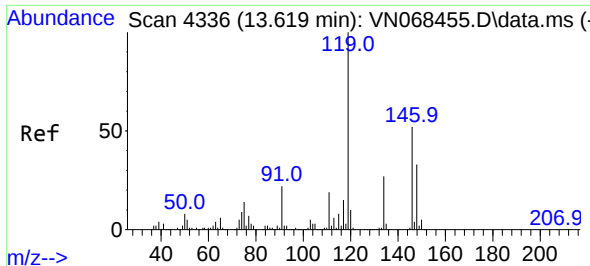


#82
 p-Isopropyltoluene
 Concen: 19.902 ug/l
 RT: 13.618 min Scan# 4336
 Delta R.T. -0.000 min
 Lab File: VN068460.D
 Acq: 13 Sep 2021 16:13



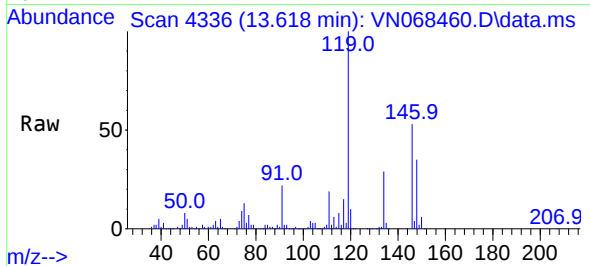
Tgt Ion:119 Resp: 534493
 Ion Ratio Lower Upper
 119 100
 134 28.2 0.0 55.4
 91 21.6 0.0 44.4





#83
1,3-Dichlorobenzene
Concen: 20.007 ug/l
RT: 13.618 min Scan# 4336
Delta R.T. -0.000 min
Lab File: VN068460.D
Acq: 13 Sep 2021 16:13

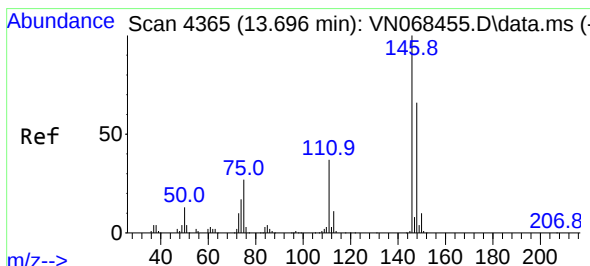
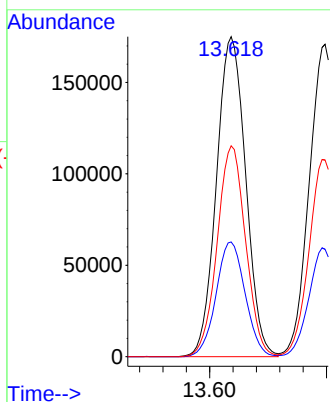
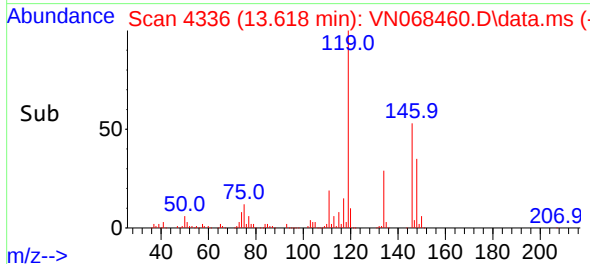
Instrument :
MSVOA_N
ClientSampleId :
ICVVN091321



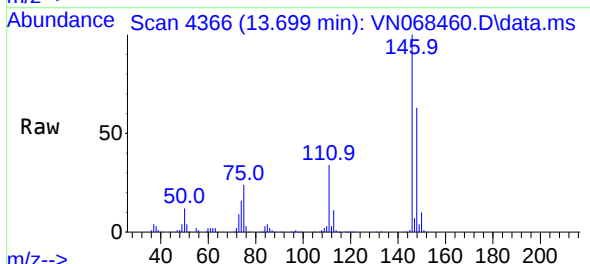
Tgt Ion:146 Resp: 30486
Ion Ratio Lower Upper
146 100
111 35.6 18.4 55.2
148 64.1 32.0 96.0

Manual Integrations
APPROVED

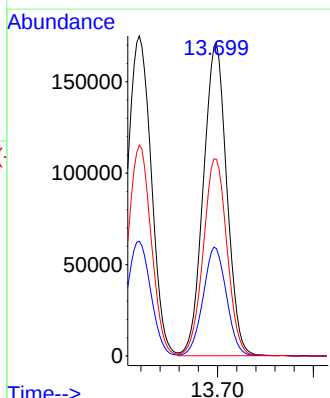
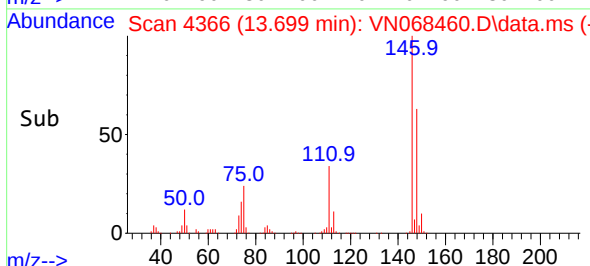
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021

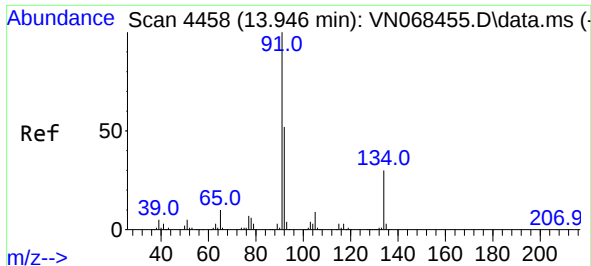


#84
1,4-Dichlorobenzene
Concen: 19.874 ug/l
RT: 13.699 min Scan# 4366
Delta R.T. 0.003 min
Lab File: VN068460.D
Acq: 13 Sep 2021 16:13



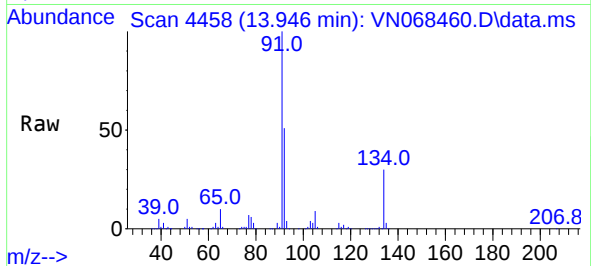
Tgt Ion:146 Resp: 290109
Ion Ratio Lower Upper
146 100
111 34.3 18.2 54.6
148 63.9 32.6 97.7





#85
n-Butylbenzene
Concen: 19.361 ug/l
RT: 13.946 min Scan# 4458
Delta R.T. -0.000 min
Lab File: VN068460.D
Acq: 13 Sep 2021 16:13

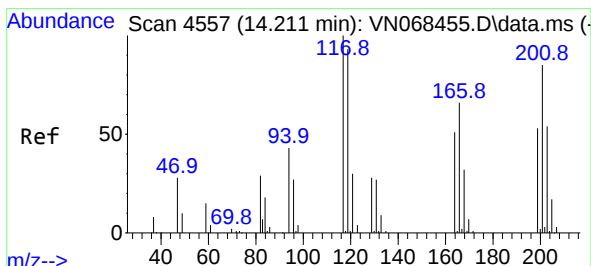
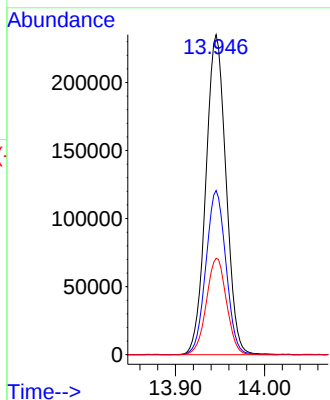
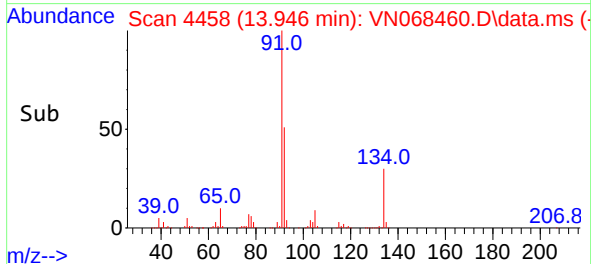
Instrument :
MSVOA_N
ClientSampleId :
ICVVN091321



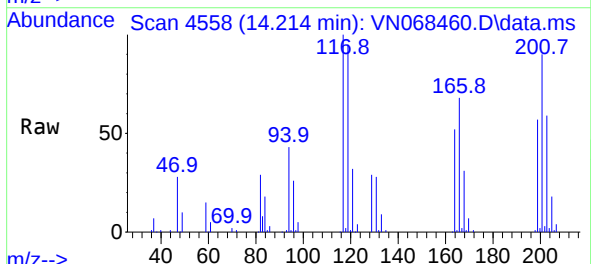
Tgt Ion: 91 Resp: 369834
Ion Ratio Lower Upper
91 100
92 51.0 0.0 102.4
134 30.1 0.0 58.8

Manual Integrations
APPROVED

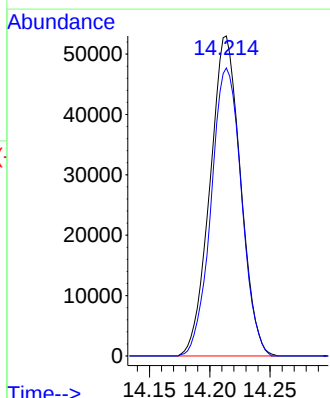
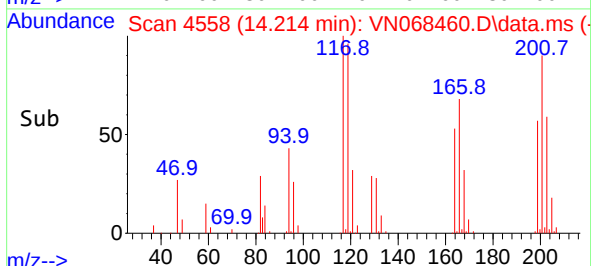
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021

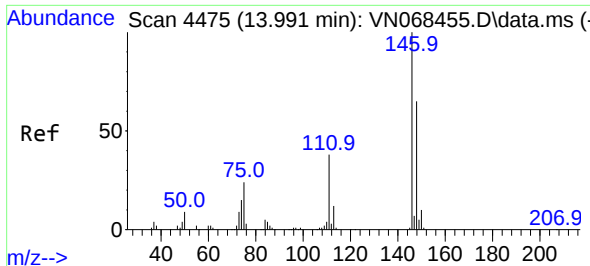


#86
Hexachloroethane
Concen: 18.941 ug/l
RT: 14.214 min Scan# 4558
Delta R.T. 0.003 min
Lab File: VN068460.D
Acq: 13 Sep 2021 16:13



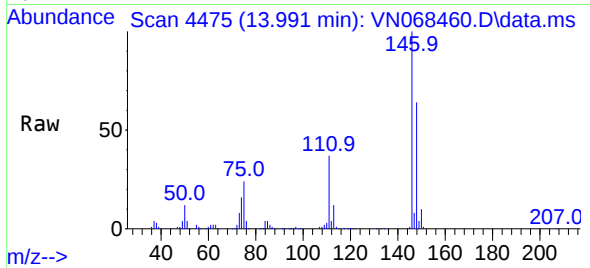
Tgt Ion:117 Resp: 93438
Ion Ratio Lower Upper
117 100
201 89.3 43.6 130.8





#87
1,2-Dichlorobenzene
Concen: 19.653 ug/l
RT: 13.991 min Scan# 4475
Delta R.T. -0.000 min
Lab File: VN068460.D
Acq: 13 Sep 2021 16:13

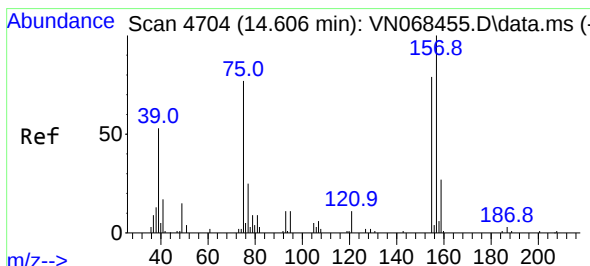
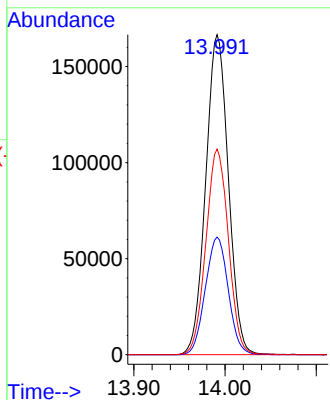
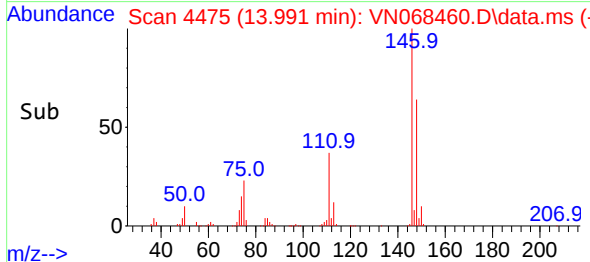
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MSVOA_N
ClientSampleId :
ICVVN091321



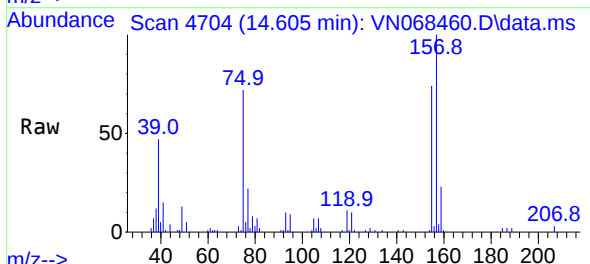
Tgt Ion:146 Resp: 28778
Ion Ratio Lower Upper
146 100
111 37.2 18.6 56.0
148 64.0 31.9 95.5

Manual Integrations
APPROVED

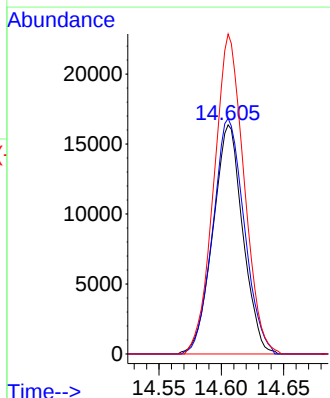
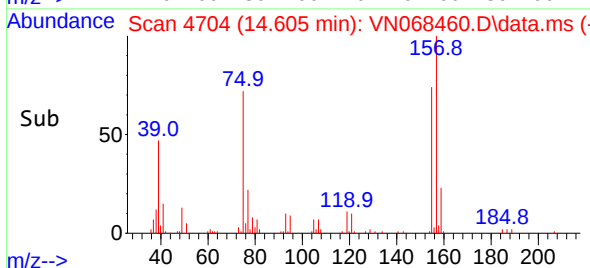
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021

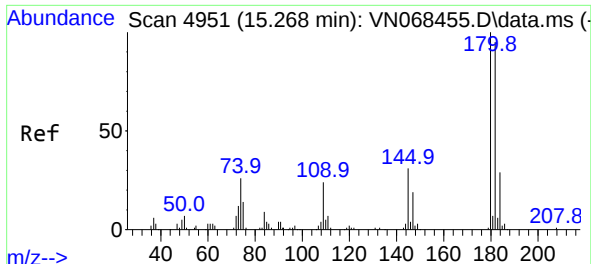


#88
1,2-Dibromo-3-Chloropropane
Concen: 19.249 ug/l
RT: 14.605 min Scan# 4704
Delta R.T. -0.000 min
Lab File: VN068460.D
Acq: 13 Sep 2021 16:13



Tgt Ion: 75 Resp: 27361
Ion Ratio Lower Upper
75 100
155 107.5 83.3 124.9
157 140.0 104.9 157.3





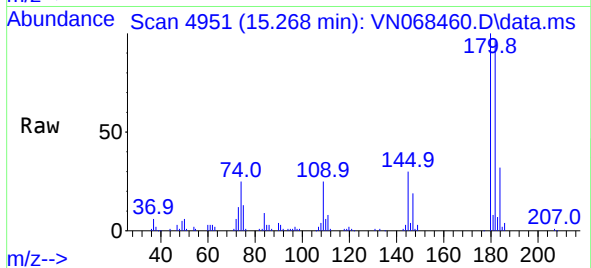
#89
1,2,4-Trichlorobenzene
Concen: 18.708 ug/l
RT: 15.268 min Scan# 4951
Delta R.T. -0.000 min
Lab File: VN068460.D
Acq: 13 Sep 2021 16:13

Instrument :

MSVOA_N

ClientSampleId :

ICVVN091321

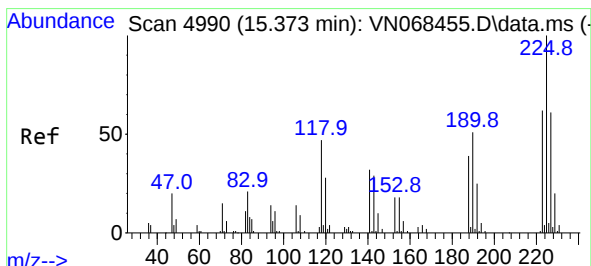
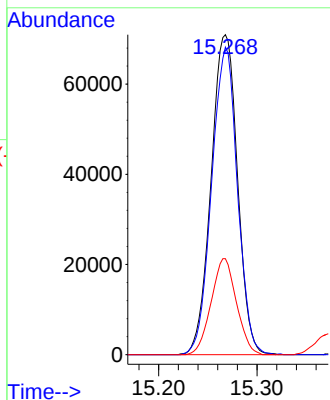
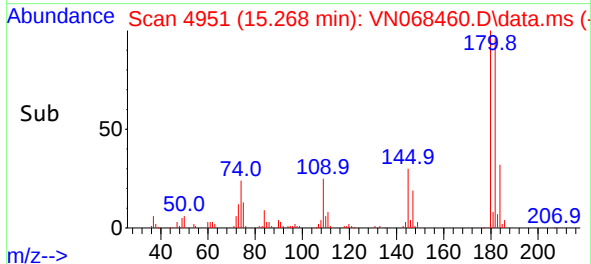


Tgt Ion:180 Resp: 13236
Ion Ratio Lower Upper
180 100
182 93.7 77.0 115.4
145 28.8 24.6 36.8

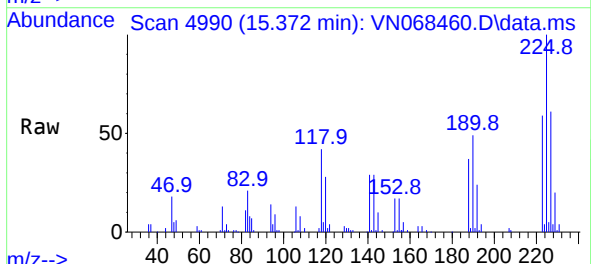
Manual Integrations

APPROVED

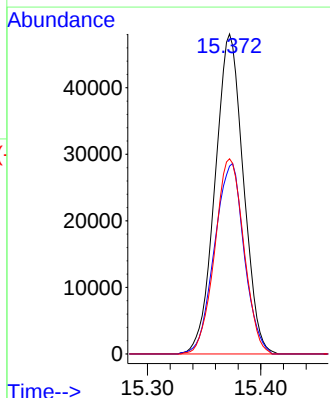
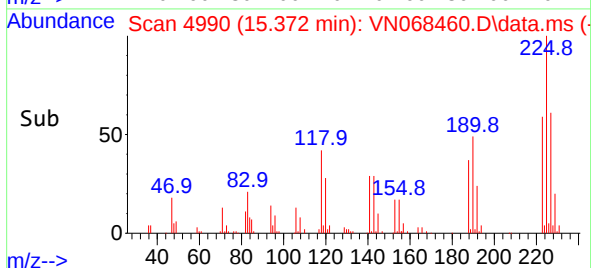
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021

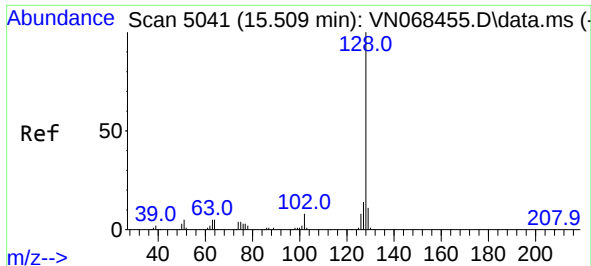


#90
Hexachlorobutadiene
Concen: 18.624 ug/l
RT: 15.372 min Scan# 4990
Delta R.T. -0.000 min
Lab File: VN068460.D
Acq: 13 Sep 2021 16:13



Tgt Ion:225 Resp: 83334
Ion Ratio Lower Upper
225 100
223 62.5 0.0 128.4
227 62.5 0.0 127.8





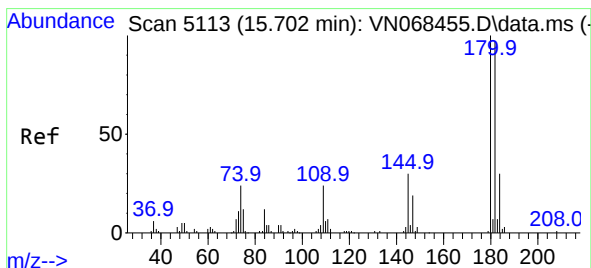
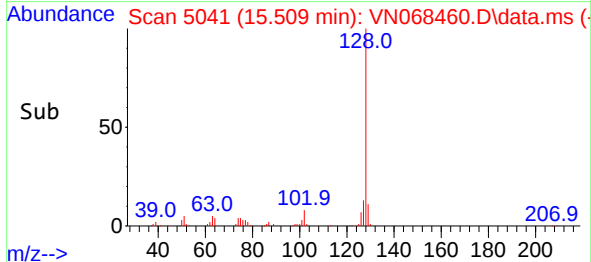
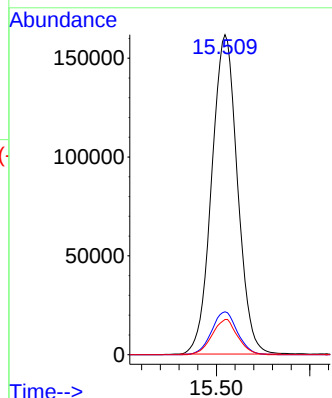
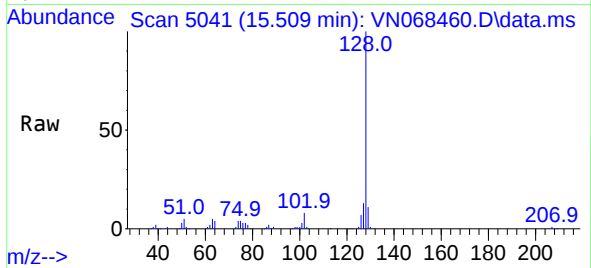
#91
Naphthalene
Concen: 20.288 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. -0.000 min
Lab File: VN068460.D
Acq: 13 Sep 2021 16:13

Instrument :
MSVOA_N
ClientSampleId :
ICVVN091321

Tgt Ion:128 Resp: 30964
Ion Ratio Lower Upper
128 100
127 13.5 10.6 15.8
129 11.0 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: 19.555 ug/l
RT: 15.705 min Scan# 5114
Delta R.T. 0.003 min
Lab File: VN068460.D
Acq: 13 Sep 2021 16:13

Tgt Ion:180 Resp: 130295
Ion Ratio Lower Upper
180 100
182 93.8 0.0 191.2
145 30.8 0.0 61.8

