

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091421\
 Data File : VN068468.D
 Acq On : 14 Sep 2021 13:07
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/15/2021
 Supervised By : Mahesh Dadoda 09/15/2021

Quant Time: Sep 15 05:36:11 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N091321W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Sep 14 04:23:31 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.659	128	92849	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.971	114	494114	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.746	117	456396	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.440	65	172177	31.400	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 104.667%			
60) 4-Bromofluorobenzene	12.733	95	197484	30.358	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 101.200%			
63) Toluene-d8	10.443	98	601502	30.295	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 101.000%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.073	85	95959	22.690	ug/l	99
3) Chloromethane	2.303	50	87135	21.299	ug/l	99
4) Vinyl Chloride	2.443	62	138593	21.375	ug/l	97
5) Bromomethane	2.864	94	135986	21.115	ug/l	98
6) Chloroethane	3.019	64	102411	22.130	ug/l	98
7) Trichlorofluoromethane	3.376	101	174896	21.883	ug/l	98
8) Diethyl Ether	3.829	74	54608	21.663	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.213	101	102042	22.415	ug/l	99
10) 1,1-Dichloroethene	4.189	96	90179	21.313	ug/l	98
11) Methyl Iodide	4.427	142	137292	20.898	ug/l	98
12) Methyl Acetate	4.854	43	96502	21.930	ug/l	99
13) Acrolein	4.044	56	39181	110.697	ug/l	99
14) Acrylonitrile	5.556	53	203799	106.859	ug/l	98
15) Acetone	4.288	58	57339	110.322	ug/l	96
16) Carbon Disulfide	4.535	76	224286	20.540	ug/l	98
17) Allyl chloride	4.843	41	115337	21.831	ug/l	95
18) Methylene Chloride	5.103	84	108193	21.361	ug/l	95
19) trans-1,2-Dichloroethene	5.599	96	100643	21.229	ug/l	95
20) Diisopropyl ether	6.495	45	259933	22.180	ug/l	98
21) 1,1-Dichloroethane	6.388	63	167395	21.492	ug/l	98
22) cis-1,2-Dichloroethene	7.327	96	120809	21.194	ug/l	98
23) tert-Butyl Alcohol	5.363	59	76494	99.251	ug/l #	100
24) Methyl tert-Butyl Ether	5.618	73	313956	21.791	ug/l	99
25) Chloroform	7.820	83	203972	21.882	ug/l	99
26) Cyclohexane	8.096	56	139462	21.179	ug/l #	97
29) 1,1-Dichloropropene	8.222	75	139152	21.012	ug/l	98
30) 2-Butanone	7.337	43	260683	103.132	ug/l #	98
31) 2,2-Dichloropropane	7.329	77	159945	20.986	ug/l	98
32) 1,1,1-Trichloroethane	8.016	97	189137	21.031	ug/l	99
33) Carbon Tetrachloride	8.209	117	175123	20.832	ug/l	98
34) Benzene	8.464	78	423799	20.985	ug/l	97
35) Methacrylonitrile	7.638	41	51346	21.063	ug/l	96
36) 1,2-Dichloroethane	8.533	62	148796	21.883	ug/l	100
37) Trichloroethene	9.217	130	134606	20.800	ug/l	95
38) Methylcyclohexane	9.461	83	180702	21.228	ug/l	99
39) 1,2-Dichloropropane	9.491	63	101082	21.266	ug/l	99
40) Dibromomethane	9.577	93	84192	21.559	ug/l	99
41) Bromodichloromethane	9.765	83	158899	21.054	ug/l	97
42) Vinyl Acetate	6.436	43	1001069	107.491	ug/l	100

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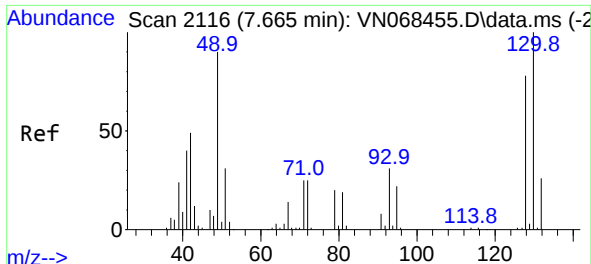
Manual Integrations
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Quant Time: Sep 15 05:36:11 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N091321W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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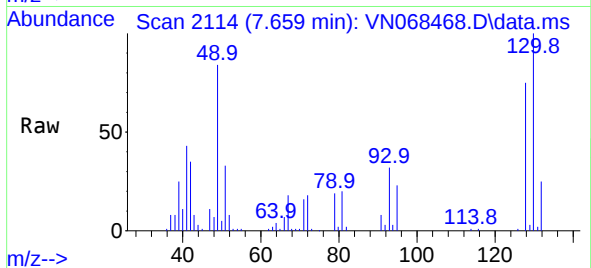
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.412	43	104148	19.535	ug/l #	81
44) Isopropyl Acetate	8.560	43	191947	21.034	ug/l	100
45) 1,4-Dioxane	9.569	88	37531	406.729	ug/l	96
46) Methyl methacrylate	9.563	41	75584	20.477	ug/l	99
47) n-amyl Acetate	12.393	43	130073	20.299	ug/l	99
48) t-1,3-Dichloropropene	10.722	75	158573	20.752	ug/l	100
49) cis-1,3-Dichloropropene	10.191	75	169934	20.692	ug/l	97
50) 1,1,2-Trichloroethane	10.899	97	119196	21.121	ug/l	96
51) Ethyl methacrylate	10.765	69	150884	20.824	ug/l	99
52) 1,3-Dichloropropane	11.046	76	176689	21.053	ug/l	100
53) Dibromochloromethane	11.240	129	142043	20.469	ug/l	99
54) 1,2-Dibromoethane	11.350	107	127169	21.011	ug/l	98
55) 2-Chloroethyl vinyl ether	10.043	63	97926	79.836	ug/l	99
56) Bromoform	12.460	173	107882	19.356	ug/l #	100
58) 4-Methyl-2-Pentanone	10.333	43	570567	106.200	ug/l	99
59) 2-Hexanone	11.087	43	388603	104.365	ug/l	99
61) Tetrachloroethene	10.979	164	142198	21.669	ug/l	98
62) Toluene	10.507	91	510362	21.247	ug/l	99
64) Chlorobenzene	11.773	112	329085	20.772	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.843	131	136081	21.047	ug/l	100
66) Ethyl Benzene	11.848	91	540754	20.714	ug/l	99
67) m/p-Xylenes	11.956	106	463281	43.052	ug/l	99
68) o-Xylene	12.283	106	225992	21.271	ug/l	98
69) Styrene	12.296	104	349678	20.756	ug/l	97
70) Isopropylbenzene	12.583	105	577593	21.411	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.830	83	159867	21.772	ug/l	100
72) 1,2,3-Trichloropropane	12.884	75	128226m	20.977	ug/l	
73) Bromobenzene	12.865	156	156249	20.404	ug/l	98
74) n-propylbenzene	12.924	91	621809	21.374	ug/l	99
75) 2-Chlorotoluene	13.010	91	378433	21.614	ug/l	99
76) 1,3,5-Trimethylbenzene	13.063	105	490327	21.771	ug/l	99
77) t-1,4-Dichloro-2-butene	12.629	75	38617	19.145	ug/l	98
78) 4-Chlorotoluene	13.109	91	367068	21.846	ug/l	99
79) tert-butylbenzene	13.326	119	446098	21.559	ug/l	99
80) 1,2,4-Trimethylbenzene	13.372	105	469897m	21.565	ug/l	
81) sec-Butylbenzene	13.503	105	588973	21.534	ug/l	100
82) p-Isopropyltoluene	13.618	119	497455	21.205	ug/l	99
83) 1,3-Dichlorobenzene	13.618	146	278870	20.951	ug/l	99
84) 1,4-Dichlorobenzene	13.696	146	265055	20.787	ug/l	98
85) n-Butylbenzene	13.946	91	340073	20.380	ug/l	99
86) Hexachloroethane	14.211	117	89033	20.661	ug/l	99
87) 1,2-Dichlorobenzene	13.991	146	267886	20.943	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.605	75	25421	20.474	ug/l	98
89) 1,2,4-Trichlorobenzene	15.268	180	115251	18.648	ug/l	98
90) Hexachlorobutadiene	15.373	225	79041	20.222	ug/l	99
91) Naphthalene	15.509	128	232251	17.421	ug/l	99
92) 1,2,3-Trichlorobenzene	15.702	180	108721	18.680	ug/l	99

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



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.659 min Scan# 2114
Delta R.T. -0.006 min
Lab File: VN068468.D
Acq: 14 Sep 2021 13:07

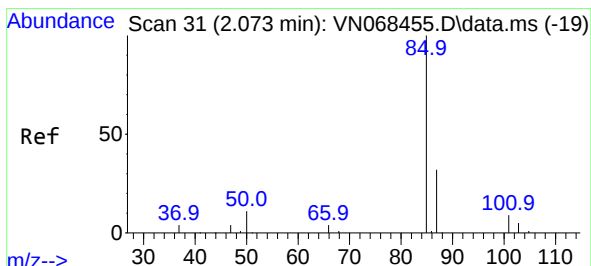
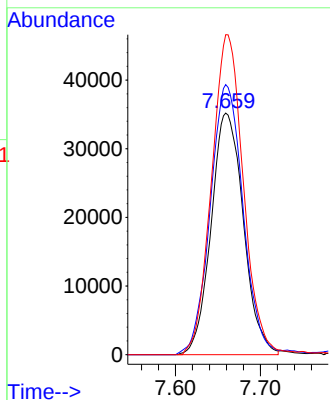
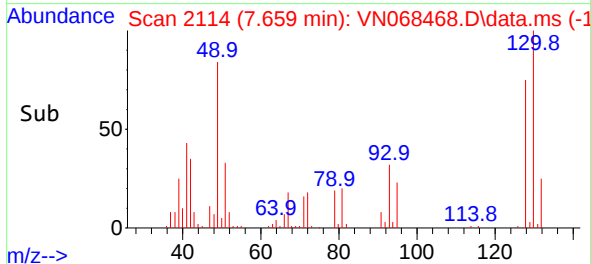
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



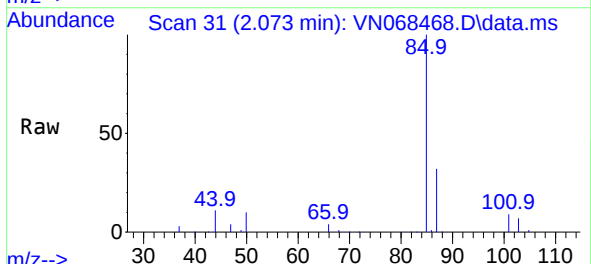
Tgt Ion:128 Resp: 92849
Ion Ratio Lower Upper
128 100
49 113.5 0.0 292.5
130 130.5 0.0 325.0

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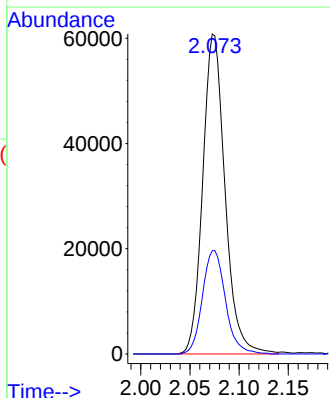
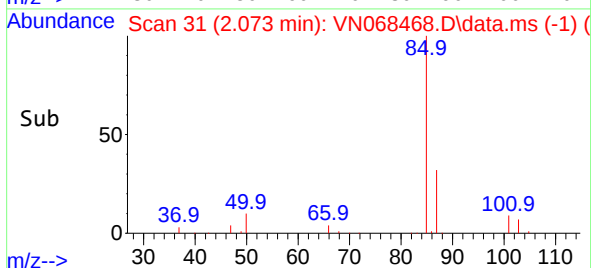
Reviewed By :John Carlone 09/15/2021
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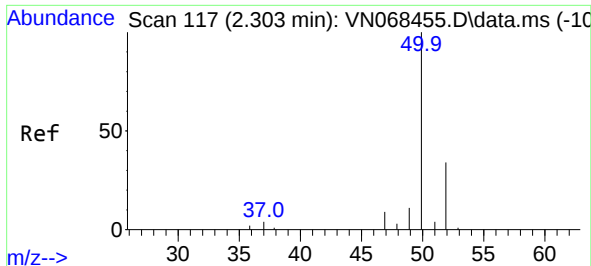


#2
Dichlorodifluoromethane
Concen: 22.690 ug/l
RT: 2.073 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN068468.D
Acq: 14 Sep 2021 13:07



Tgt Ion: 85 Resp: 95959
Ion Ratio Lower Upper
85 100
87 32.3 15.8 47.3





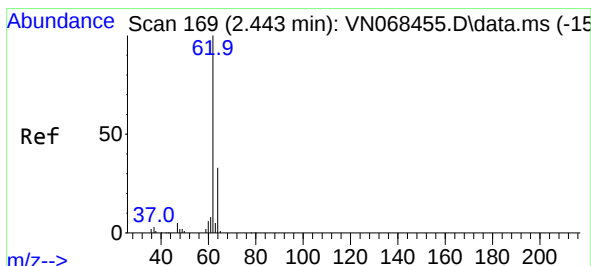
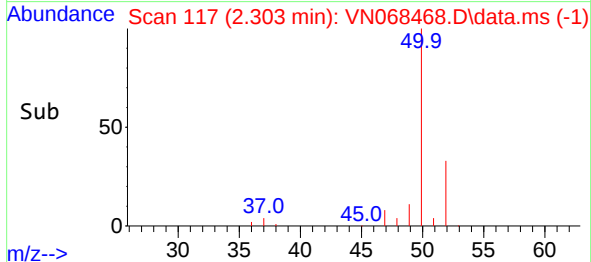
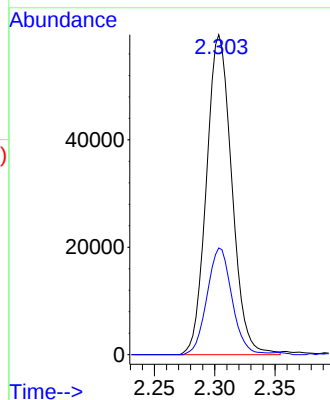
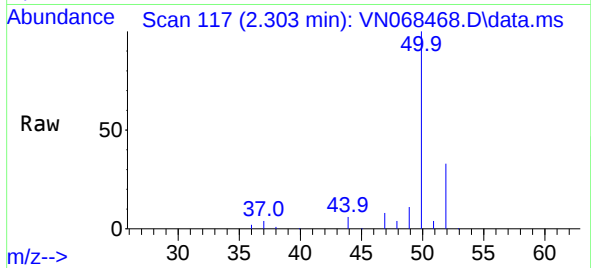
#3
Chloromethane
Concen: 21.299 ug/l
RT: 2.303 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN068468.D
Acq: 14 Sep 2021 13:07

Instrument :
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ClientSampleId :
VSTDCCC020

Tgt Ion: 50 Resp: 87135
Ion Ratio Lower Upper
50 100
52 33.3 27.0 40.4

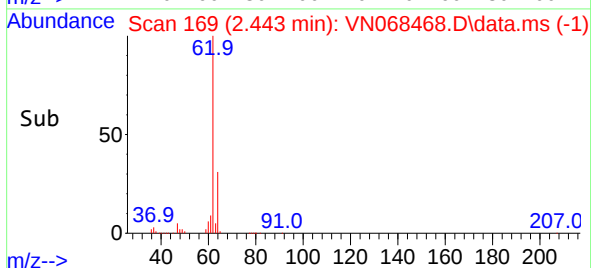
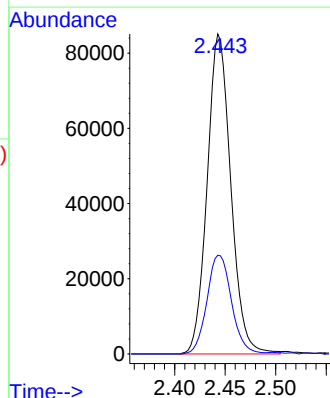
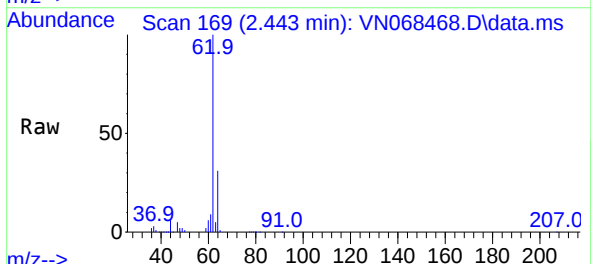
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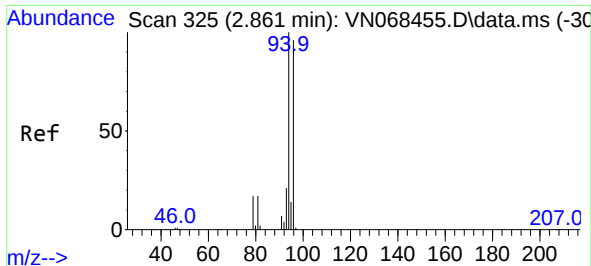
Reviewed By :John Carlone 09/15/2021
Supervised By :Mahesh Dadoda 09/15/2021



#4
Vinyl Chloride
Concen: 21.375 ug/l
RT: 2.443 min Scan# 169
Delta R.T. -0.000 min
Lab File: VN068468.D
Acq: 14 Sep 2021 13:07

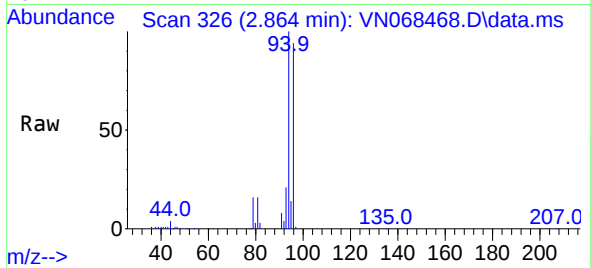
Tgt Ion: 62 Resp: 138593
Ion Ratio Lower Upper
62 100
64 30.8 26.1 39.1





#5
Bromomethane
Concen: 21.115 ug/l
RT: 2.864 min Scan# 31
Delta R.T. 0.003 min
Lab File: VN068468.D
Acq: 14 Sep 2021 13:07

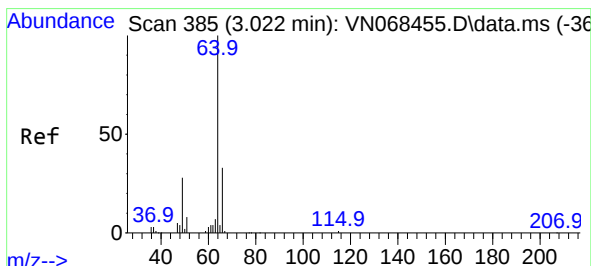
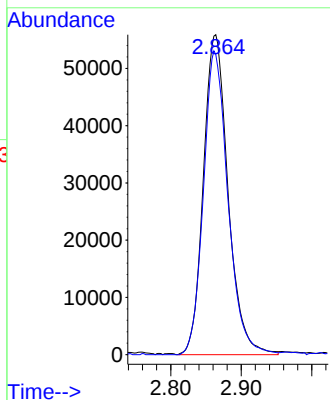
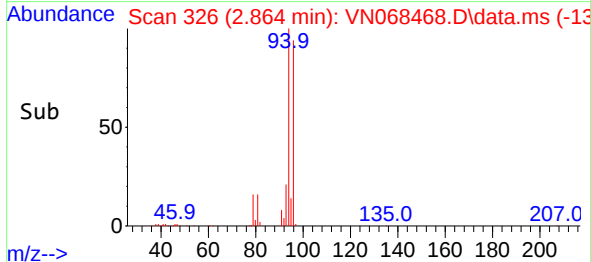
Instrument :
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Tgt Ion: 94 Resp: 135980
Ion Ratio Lower Upper
94 100
96 93.8 77.0 115.4

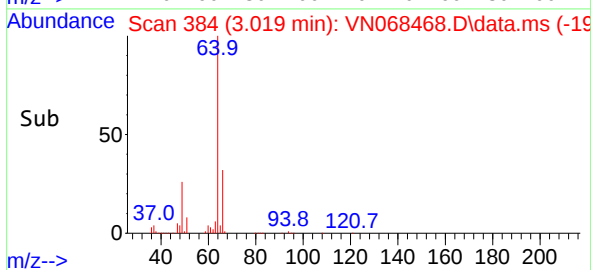
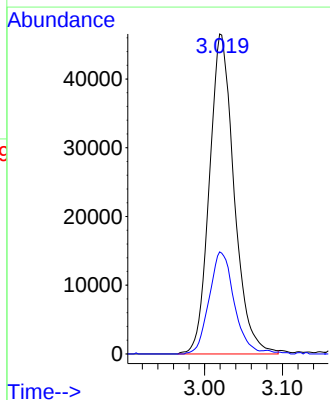
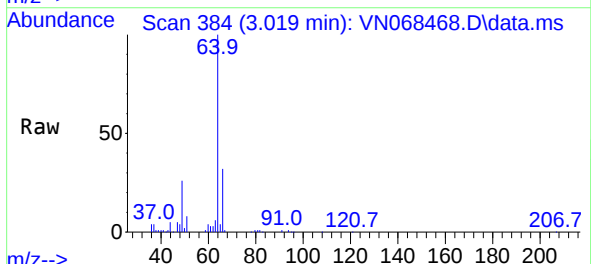
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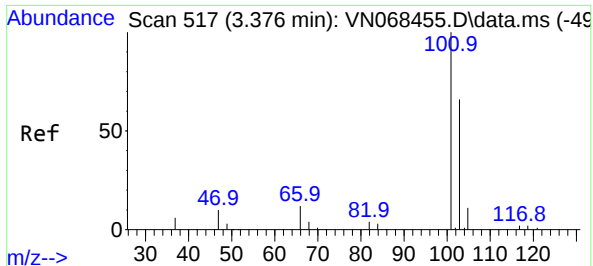
Reviewed By :John Carlone 09/15/2021
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#6
Chloroethane
Concen: 22.130 ug/l
RT: 3.019 min Scan# 384
Delta R.T. -0.003 min
Lab File: VN068468.D
Acq: 14 Sep 2021 13:07

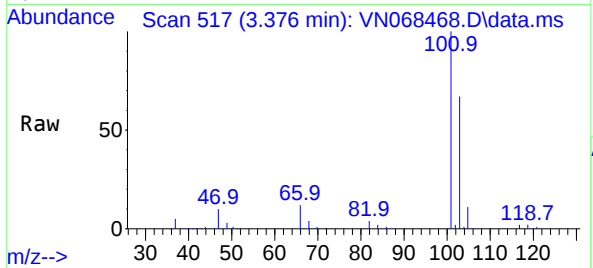
Tgt Ion: 64 Resp: 102411
Ion Ratio Lower Upper
64 100
66 31.9 26.3 39.5





#7
Trichlorofluoromethane
Concen: 21.883 ug/l
RT: 3.376 min Scan# 517
Delta R.T. -0.000 min
Lab File: VN068468.D
Acq: 14 Sep 2021 13:07

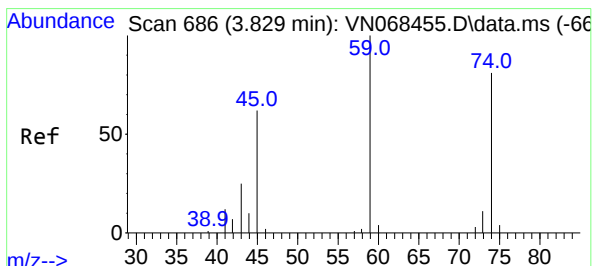
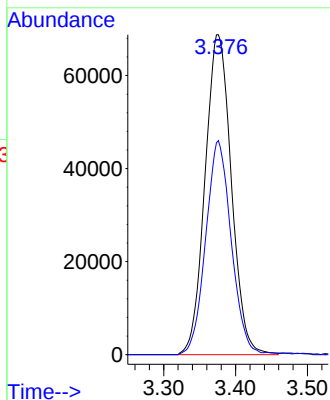
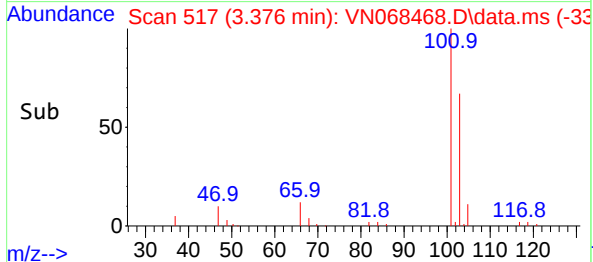
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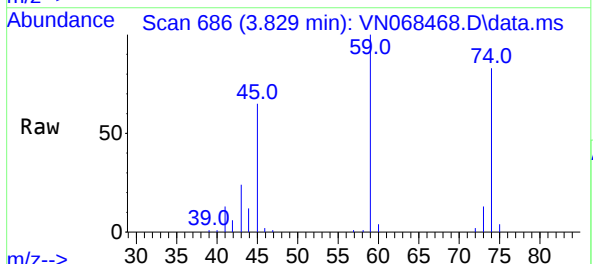
Tgt Ion:101 Resp: 174890
Ion Ratio Lower Upper
101 100
103 66.9 52.4 78.6

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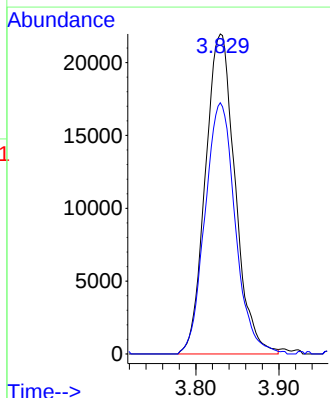
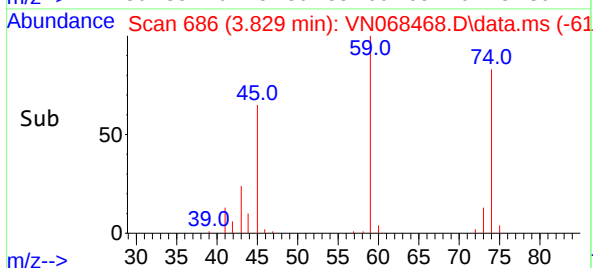
Reviewed By :John Carlone 09/15/2021
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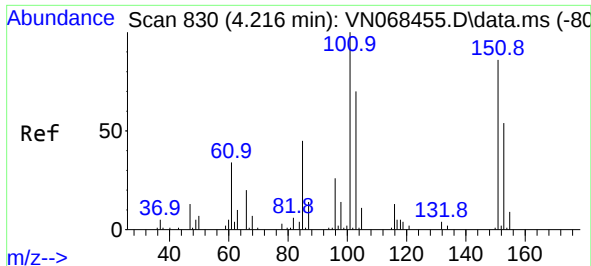


#8
Diethyl Ether
Concen: 21.663 ug/l
RT: 3.829 min Scan# 686
Delta R.T. -0.000 min
Lab File: VN068468.D
Acq: 14 Sep 2021 13:07



Tgt Ion: 74 Resp: 54608
Ion Ratio Lower Upper
74 100
45 80.0 16.2 146.0





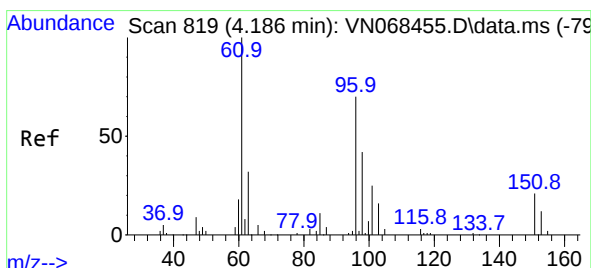
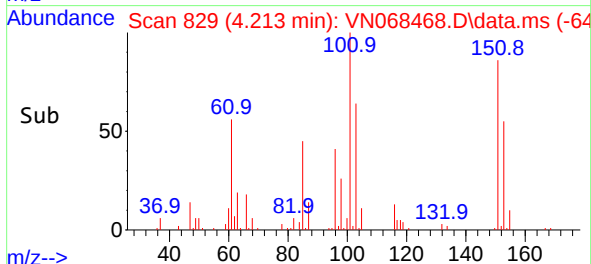
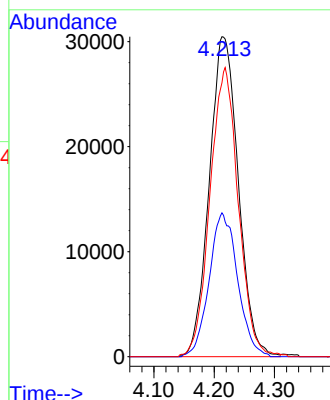
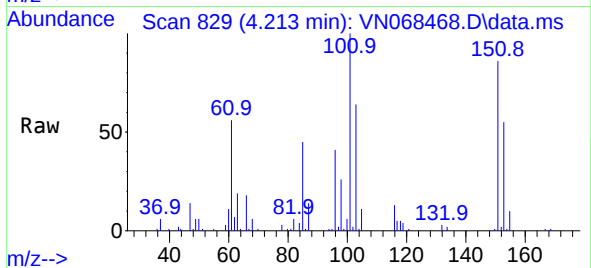
#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.415 ug/l
RT: 4.213 min Scan# 81
Delta R.T. -0.003 min
Lab File: VN068468.D
Acq: 14 Sep 2021 13:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion:101 Resp: 10204
Ion Ratio Lower Upper
101 100
85 44.0 0.0 89.2
151 87.6 0.0 176.4

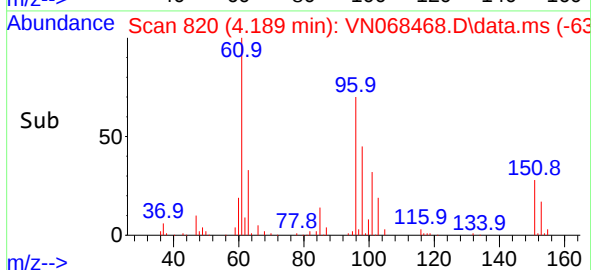
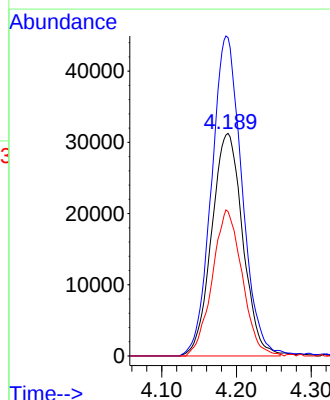
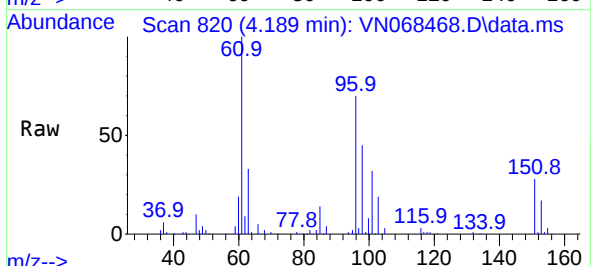
Manual Integrations
APPROVED

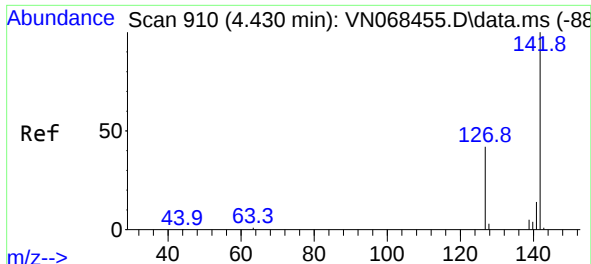
Reviewed By :John Carlone 09/15/2021
Supervised By :Mahesh Dadoda 09/15/2021



#10
1,1-Dichloroethene
Concen: 21.313 ug/l
RT: 4.189 min Scan# 820
Delta R.T. 0.003 min
Lab File: VN068468.D
Acq: 14 Sep 2021 13:07

Tgt Ion: 96 Resp: 90179
Ion Ratio Lower Upper
96 100
61 143.1 114.1 171.1
98 64.9 48.3 72.5





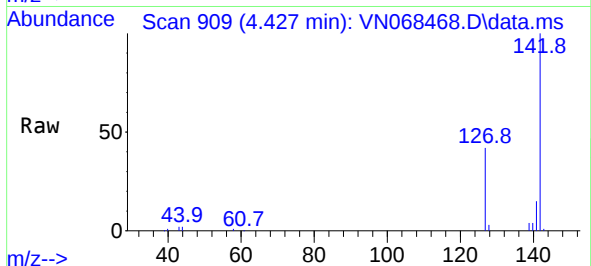
#11
Methyl Iodide
Concen: 20.898 ug/l
RT: 4.427 min Scan# 909
Delta R.T. -0.003 min
Lab File: VN068468.D
Acq: 14 Sep 2021 13:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

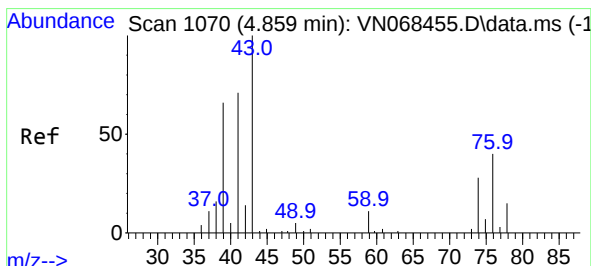
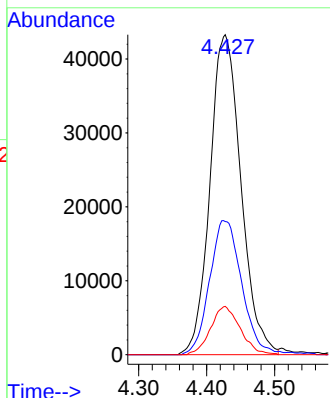
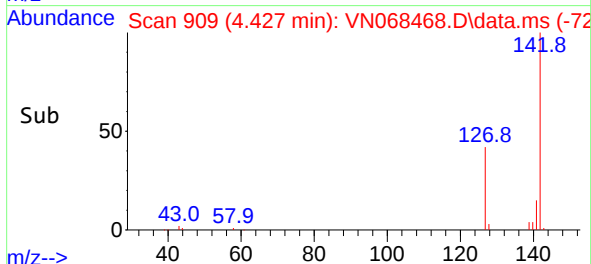


Tgt Ion:142 Resp: 137292
Ion Ratio Lower Upper
142 100
127 41.4 20.9 62.8
141 15.2 6.8 20.3

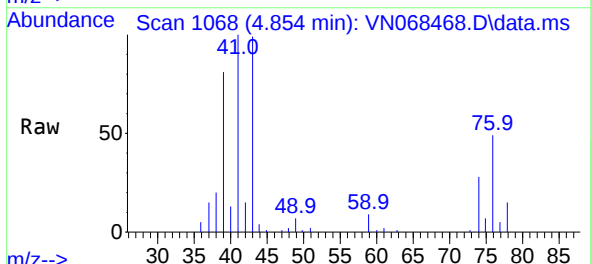
Manual Integrations

APPROVED

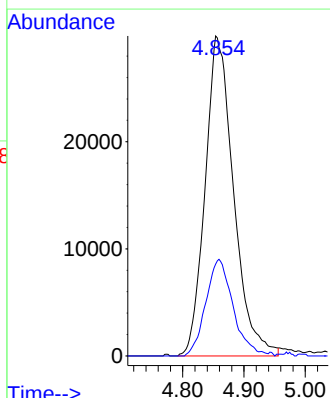
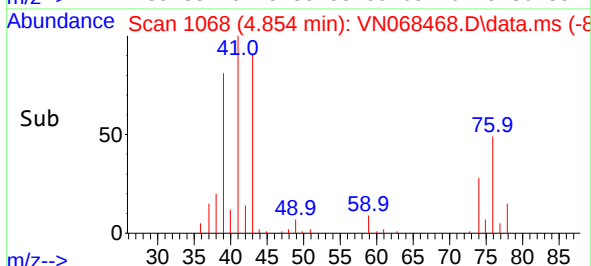
Reviewed By :John Carlone 09/15/2021
Supervised By :Mahesh Dadoda 09/15/2021

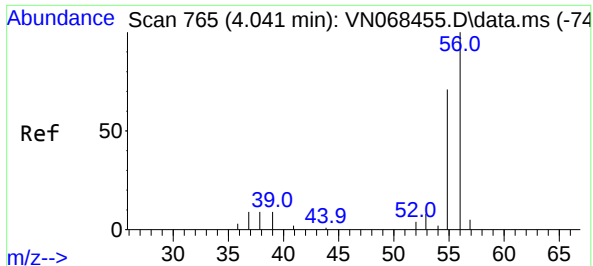


#12
Methyl Acetate
Concen: 21.930 ug/l
RT: 4.854 min Scan# 1068
Delta R.T. -0.005 min
Lab File: VN068468.D
Acq: 14 Sep 2021 13:07



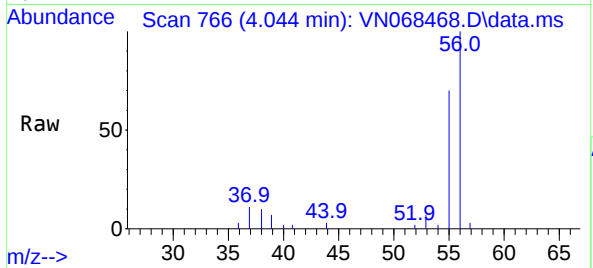
Tgt Ion: 43 Resp: 96502
Ion Ratio Lower Upper
43 100
74 28.8 22.6 34.0





#13
Acrolein
Concen: 110.697 ug/l
RT: 4.044 min Scan# 765
Delta R.T. 0.003 min
Lab File: VN068468.D
Acq: 14 Sep 2021 13:07

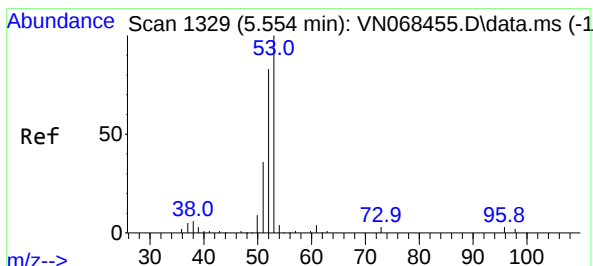
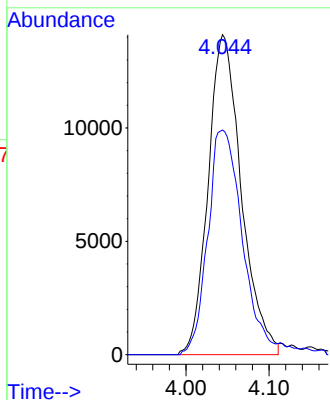
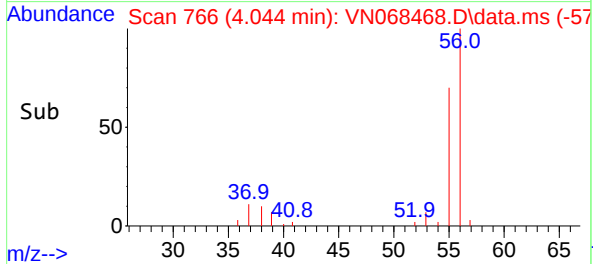
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



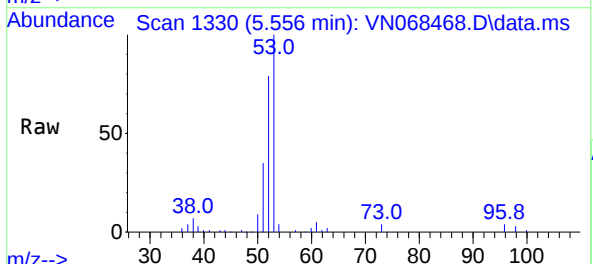
Tgt Ion: 56 Resp: 3918
Ion Ratio Lower Upper
56 100
55 72.5 57.2 85.8

Manual Integrations
APPROVED

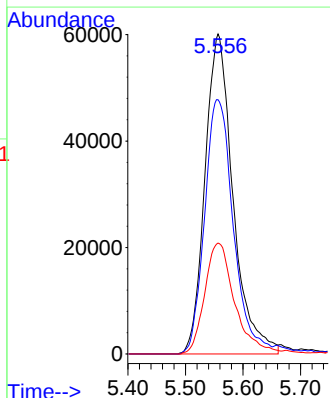
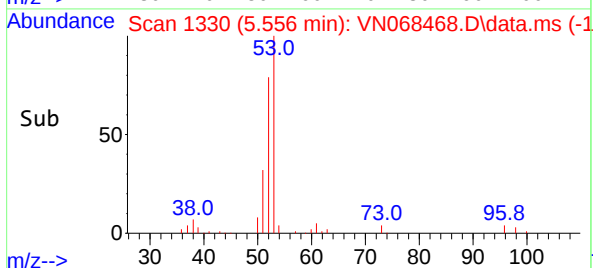
Reviewed By :John Carlone 09/15/2021
Supervised By :Mahesh Dadoda 09/15/2021

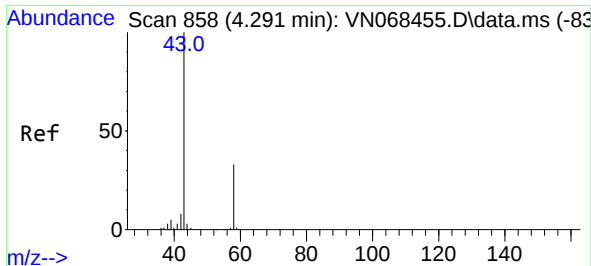


#14
Acrylonitrile
Concen: 106.859 ug/l
RT: 5.556 min Scan# 1330
Delta R.T. 0.003 min
Lab File: VN068468.D
Acq: 14 Sep 2021 13:07



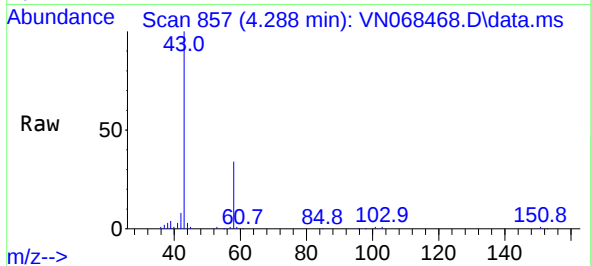
Tgt Ion: 53 Resp: 203799
Ion Ratio Lower Upper
53 100
52 81.3 41.5 124.5
51 36.3 17.9 53.7





#15
Acetone
Concen: 110.322 ug/l
RT: 4.288 min Scan# 857
Delta R.T. -0.003 min
Lab File: VN068468.D
Acq: 14 Sep 2021 13:07

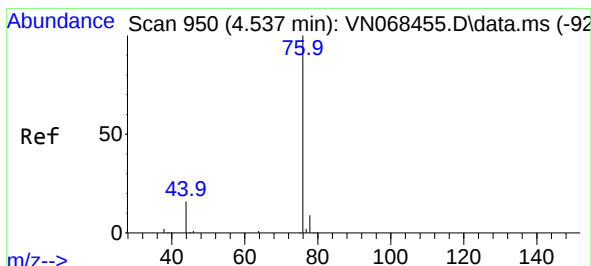
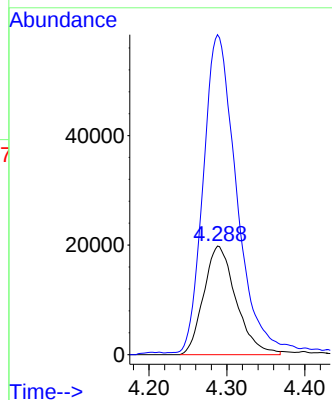
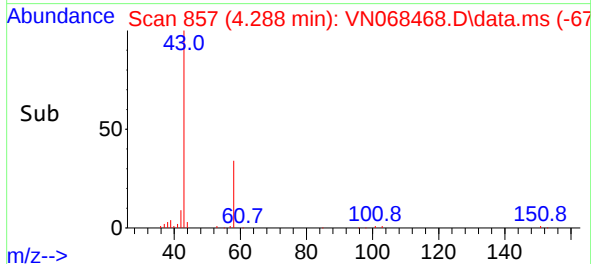
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 58 Resp: 57339
Ion Ratio Lower Upper
58 100
43 291.2 239.9 359.9

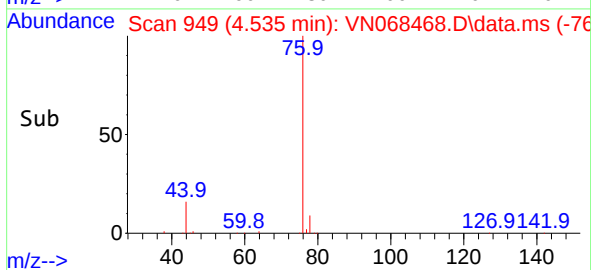
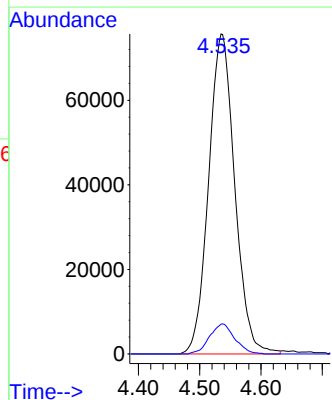
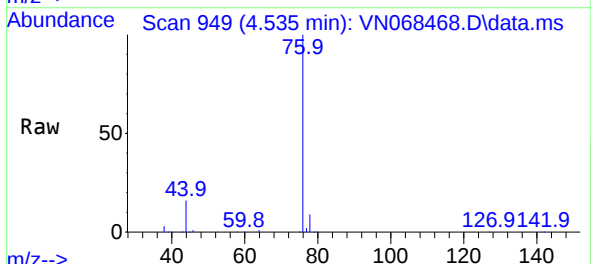
Manual Integrations
APPROVED

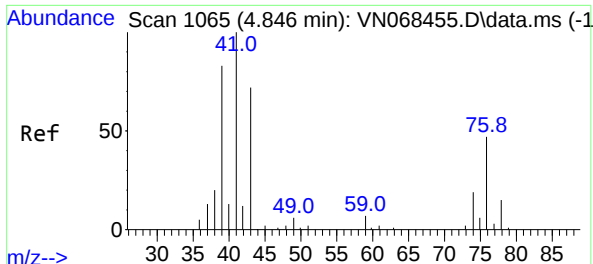
Reviewed By :John Carlone 09/15/2021
Supervised By :Mahesh Dadoda 09/15/2021



#16
Carbon Disulfide
Concen: 20.540 ug/l
RT: 4.535 min Scan# 949
Delta R.T. -0.003 min
Lab File: VN068468.D
Acq: 14 Sep 2021 13:07

Tgt Ion: 76 Resp: 224286
Ion Ratio Lower Upper
76 100
78 9.3 6.9 10.3





#17
Allyl chloride
Concen: 21.831 ug/l
RT: 4.843 min Scan# 1106
Delta R.T. -0.003 min
Lab File: VN068468.D
Acq: 14 Sep 2021 13:07

Instrument :

MSVOA_N

ClientSampleId :

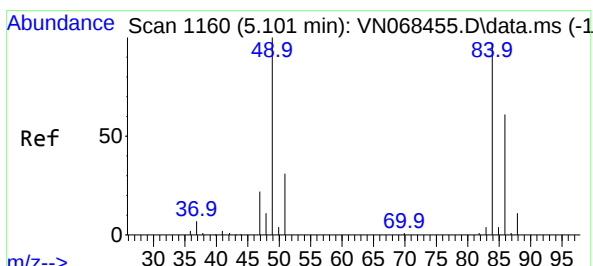
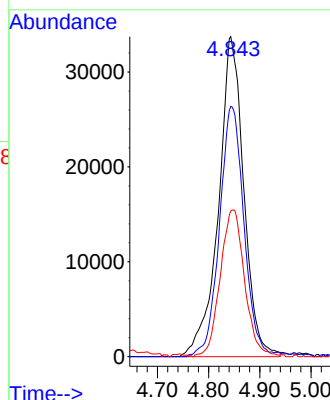
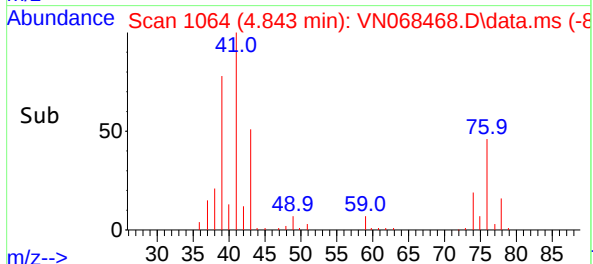
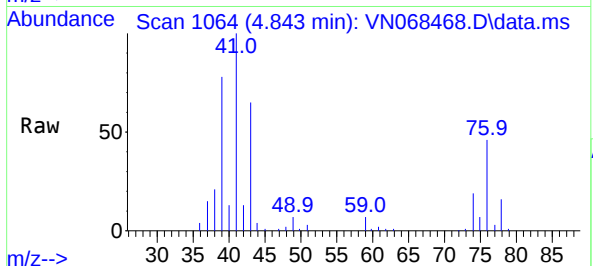
VSTDCCC020

Tgt Ion: 41 Resp: 11533
Ion Ratio Lower Upper
41 100
39 78.2 41.5 124.5
76 45.0 23.6 71.0

Manual Integrations

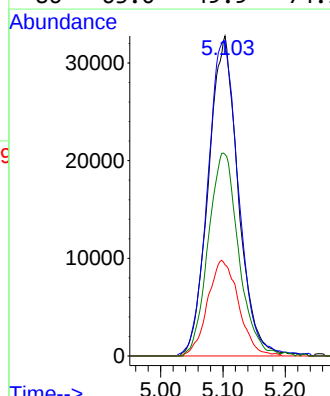
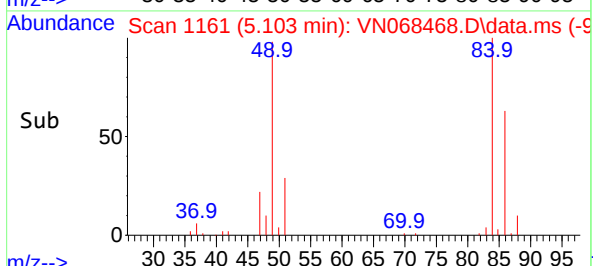
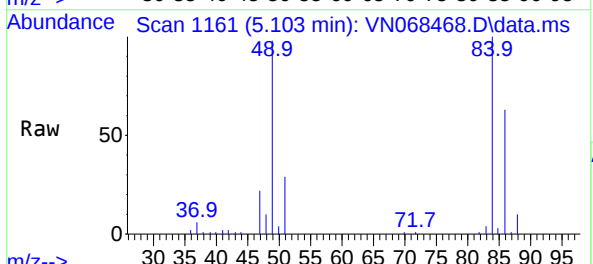
APPROVED

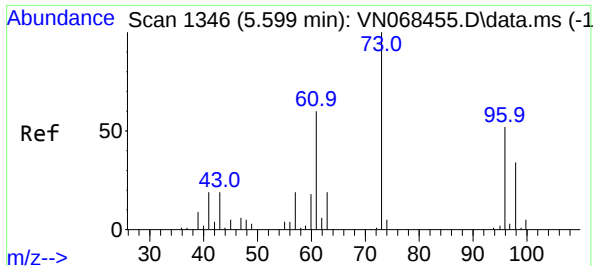
Reviewed By :John Carlone 09/15/2021
Supervised By :Mahesh Dadoda 09/15/2021



#18
Methylene Chloride
Concen: 21.361 ug/l
RT: 5.103 min Scan# 1161
Delta R.T. 0.003 min
Lab File: VN068468.D
Acq: 14 Sep 2021 13:07

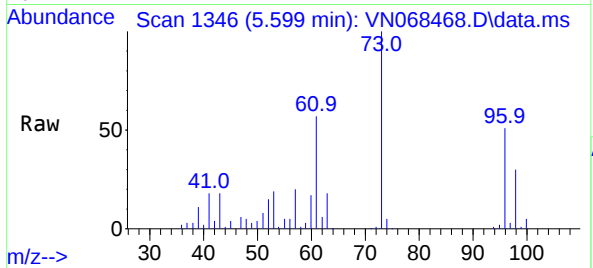
Tgt Ion: 84 Resp: 108193
Ion Ratio Lower Upper
84 100
49 96.8 82.4 123.6
51 28.5 25.9 38.9
86 63.0 49.9 74.9





#19
trans-1,2-Dichloroethene
Concen: 21.229 ug/l
RT: 5.599 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN068468.D
Acq: 14 Sep 2021 13:07

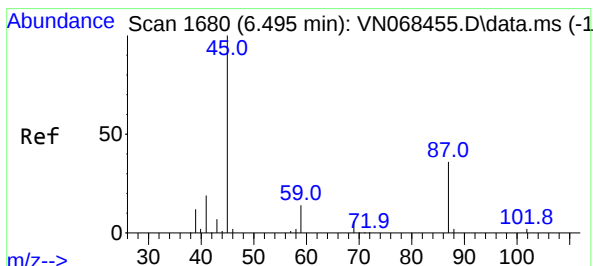
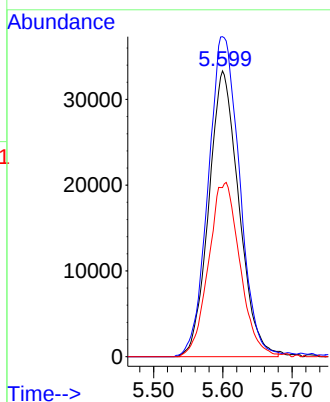
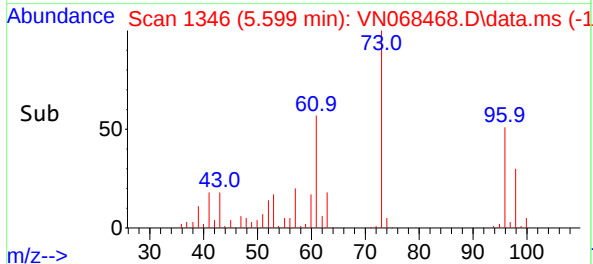
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



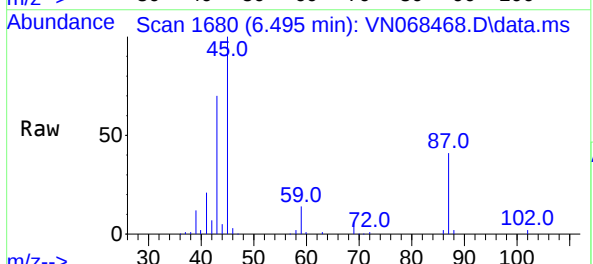
Tgt Ion: 96 Resp: 10064
Ion Ratio Lower Upper
96 100
61 111.5 92.5 138.7
98 59.2 51.7 77.5

Manual Integrations
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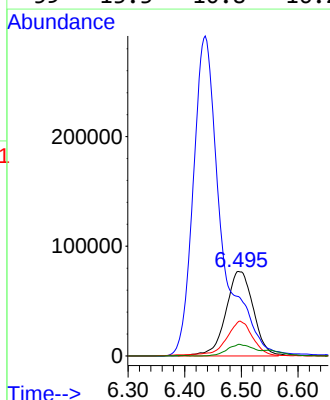
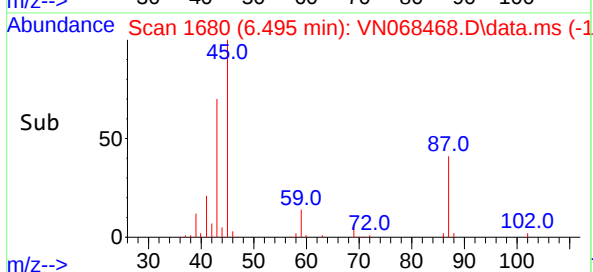
Reviewed By :John Carlone 09/15/2021
Supervised By :Mahesh Dadoda 09/15/2021

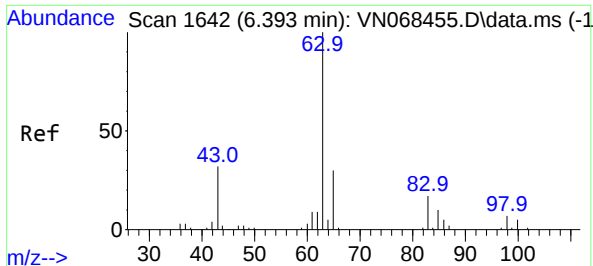


#20
Diisopropyl ether
Concen: 22.180 ug/l
RT: 6.495 min Scan# 1680
Delta R.T. -0.000 min
Lab File: VN068468.D
Acq: 14 Sep 2021 13:07



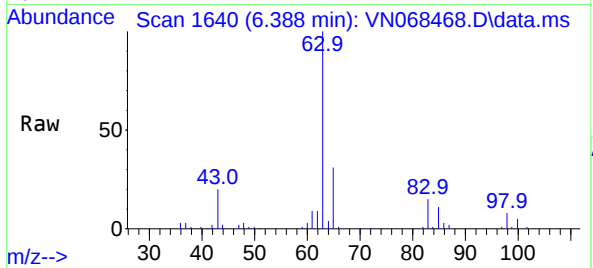
Tgt Ion: 45 Resp: 259933
Ion Ratio Lower Upper
45 100
43 65.2 52.2 78.2
87 40.1 29.8 44.8
59 13.3 10.8 16.2





#21
1,1-Dichloroethane
Concen: 21.492 ug/l
RT: 6.388 min Scan# 1640
Delta R.T. -0.005 min
Lab File: VN068468.D
Acq: 14 Sep 2021 13:07

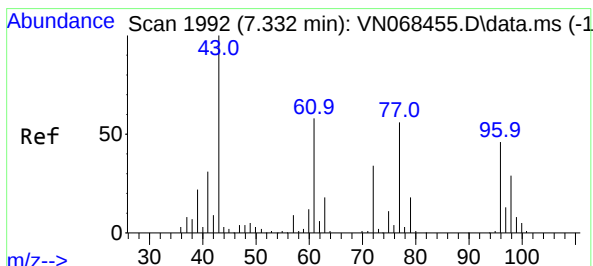
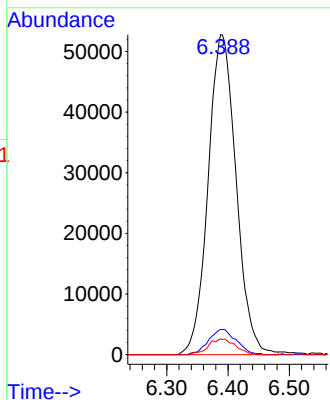
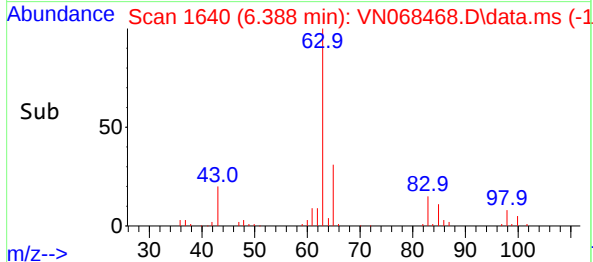
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



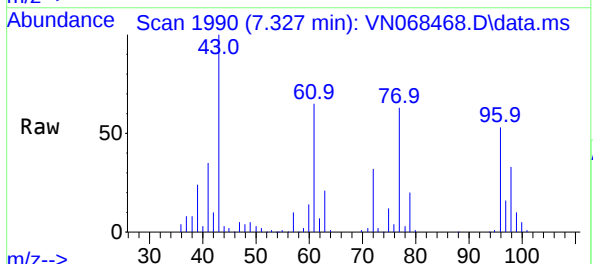
Tgt Ion: 63 Resp: 167395
Ion Ratio Lower Upper
63 100
98 7.9 3.5 10.4
100 4.8 2.5 7.5

Manual Integrations
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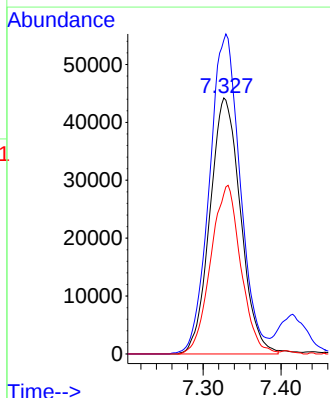
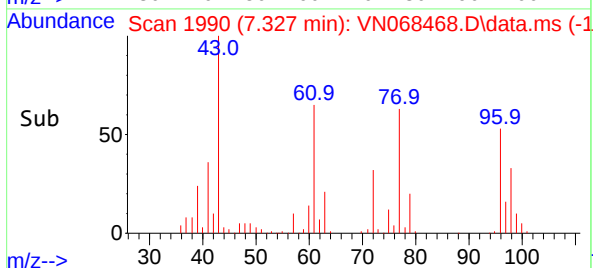
Reviewed By :John Carlone 09/15/2021
Supervised By :Mahesh Dadoda 09/15/2021

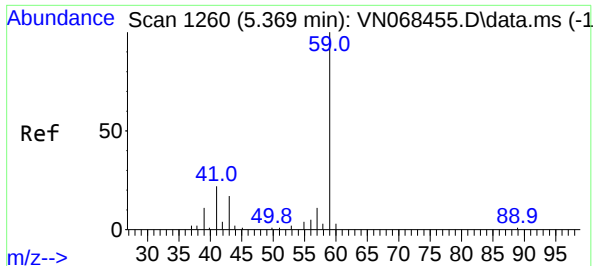


#22
cis-1,2-Dichloroethene
Concen: 21.194 ug/l
RT: 7.327 min Scan# 1990
Delta R.T. -0.005 min
Lab File: VN068468.D
Acq: 14 Sep 2021 13:07



Tgt Ion: 96 Resp: 120809
Ion Ratio Lower Upper
96 100
61 125.8 102.3 153.5
98 64.6 52.3 78.5





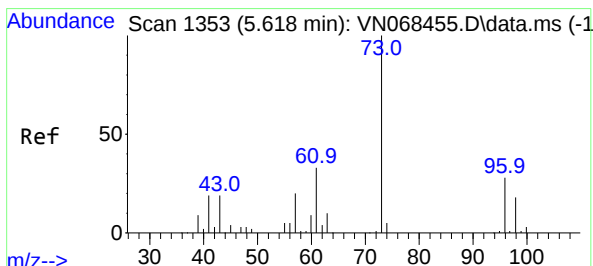
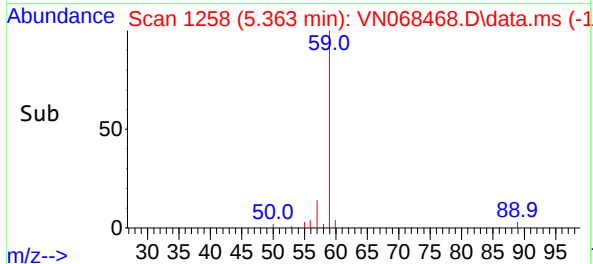
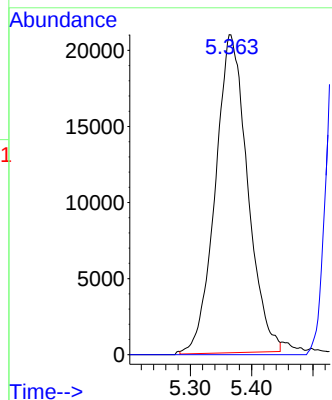
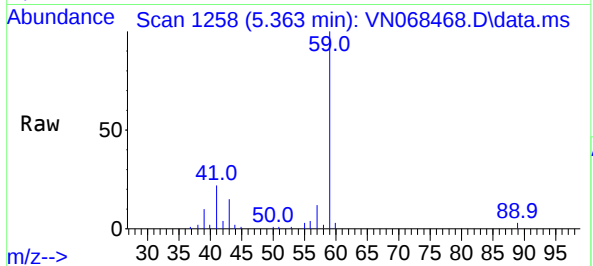
#23
tert-Butyl Alcohol
Concen: 99.251 ug/l
RT: 5.363 min Scan# 1258
Delta R.T. -0.005 min
Lab File: VN068468.D
Acq: 14 Sep 2021 13:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 59 Resp: 76494
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

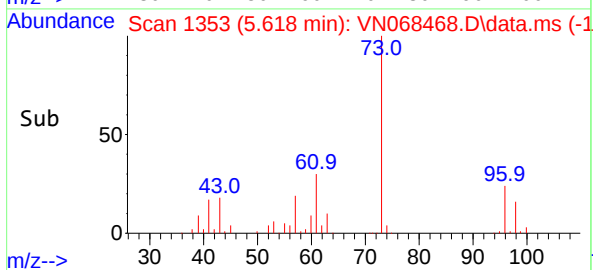
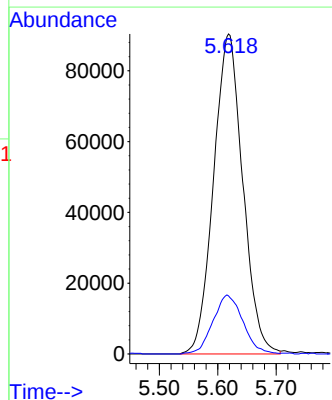
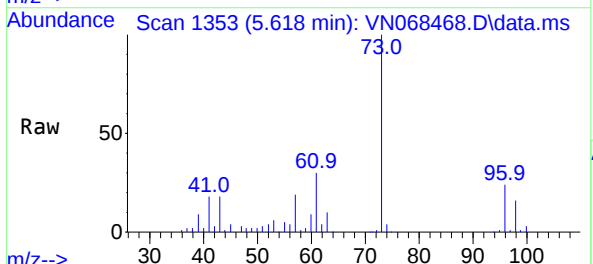
Manual Integrations
APPROVED

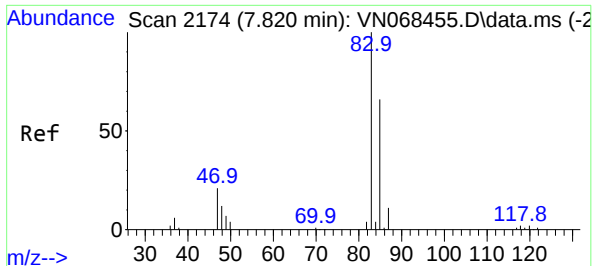
Reviewed By :John Carlone 09/15/2021
Supervised By :Mahesh Dadoda 09/15/2021



#24
Methyl tert-Butyl Ether
Concen: 21.791 ug/l
RT: 5.618 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VN068468.D
Acq: 14 Sep 2021 13:07

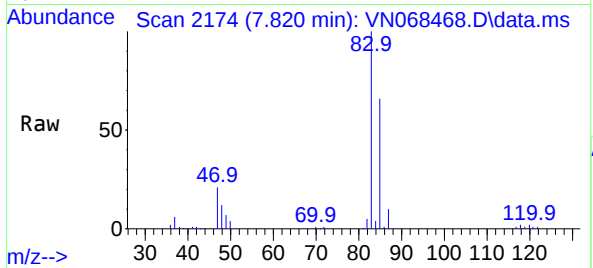
Tgt Ion: 73 Resp: 313956
Ion Ratio Lower Upper
73 100
43 18.9 14.9 22.3





#25
Chloroform
Concen: 21.882 ug/l
RT: 7.820 min Scan# 2174
Delta R.T. -0.000 min
Lab File: VN068468.D
Acq: 14 Sep 2021 13:07

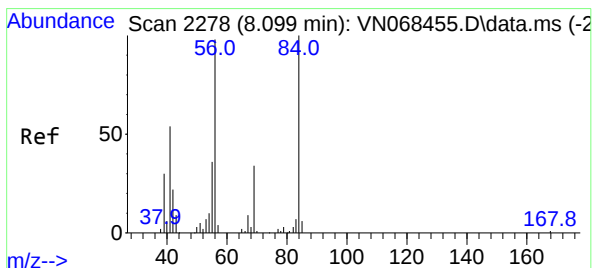
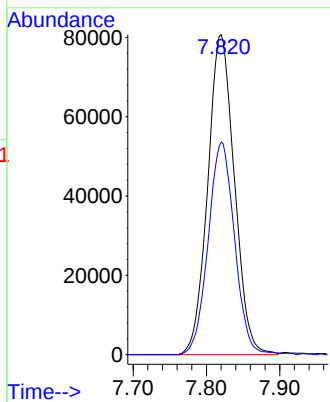
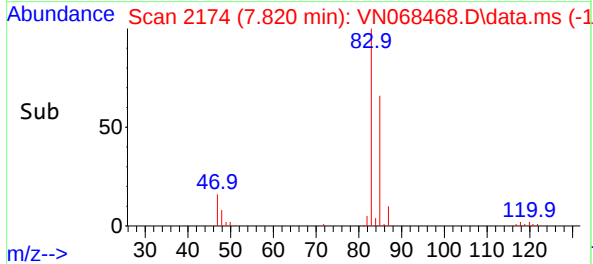
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



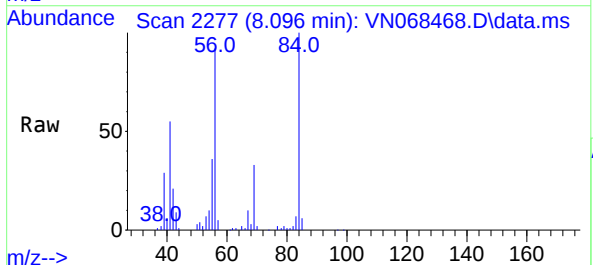
Tgt Ion: 83 Resp: 203972
Ion Ratio Lower Upper
83 100
85 66.5 52.6 78.8

Manual Integrations
APPROVED

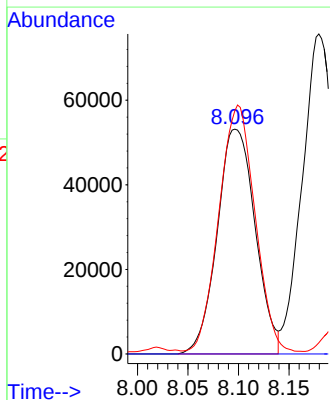
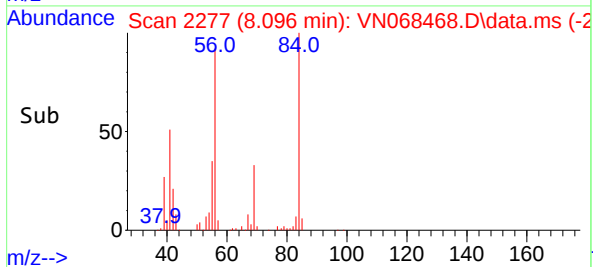
Reviewed By :John Carlone 09/15/2021
Supervised By :Mahesh Dadoda 09/15/2021

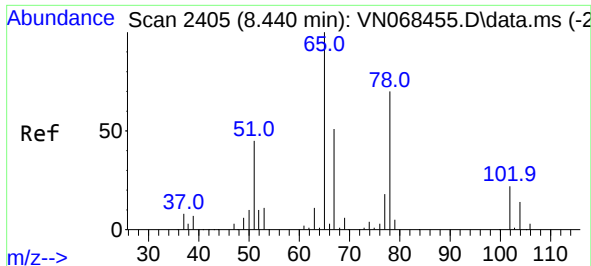


#26
Cyclohexane
Concen: 21.179 ug/l
RT: 8.096 min Scan# 2277
Delta R.T. -0.003 min
Lab File: VN068468.D
Acq: 14 Sep 2021 13:07



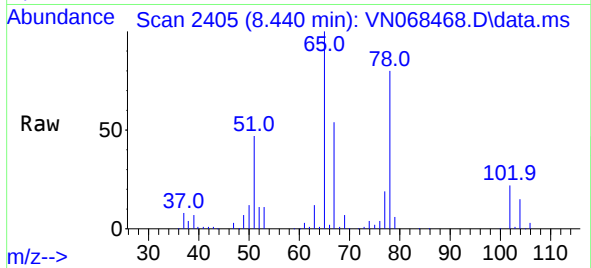
Tgt Ion: 56 Resp: 139462
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 106.5 82.8 124.2





#27
1,2-Dichloroethane-d4
Concen: 31.400 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN068468.D
Acq: 14 Sep 2021 13:07

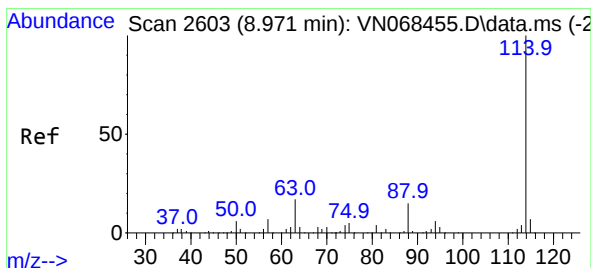
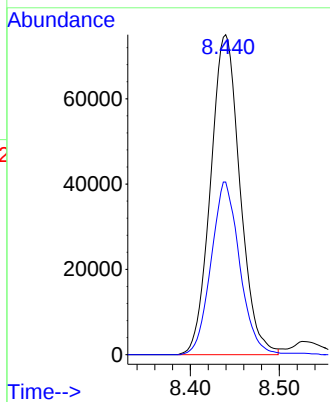
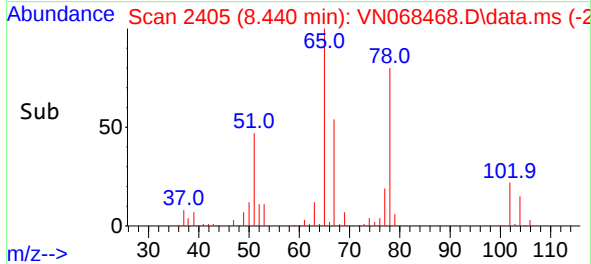
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



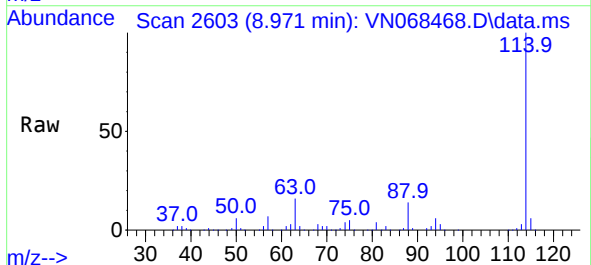
Tgt Ion: 65 Resp: 17217
Ion Ratio Lower Upper
65 100
67 52.4 41.8 62.8

Manual Integrations
APPROVED

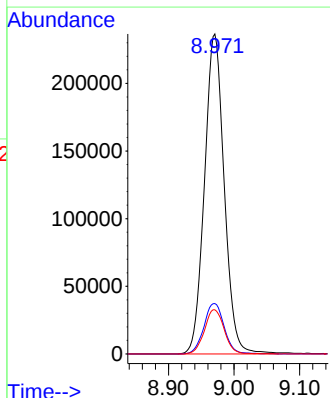
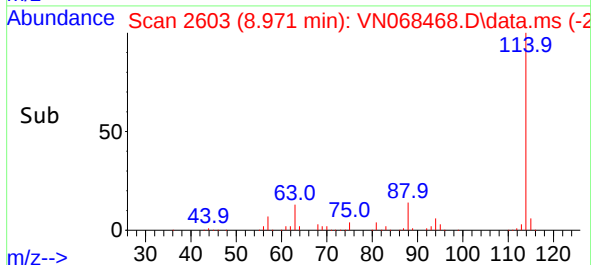
Reviewed By :John Carlone 09/15/2021
Supervised By :Mahesh Dadoda 09/15/2021

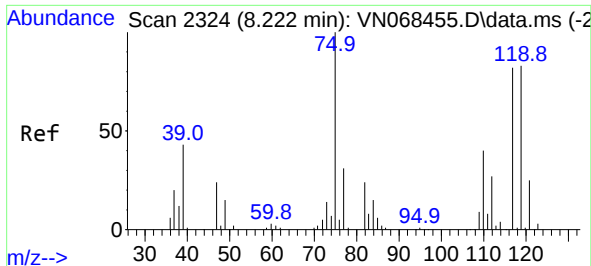


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. -0.000 min
Lab File: VN068468.D
Acq: 14 Sep 2021 13:07



Tgt Ion:114 Resp: 494114
Ion Ratio Lower Upper
114 100
63 16.3 13.4 20.0
88 13.9 11.1 16.7





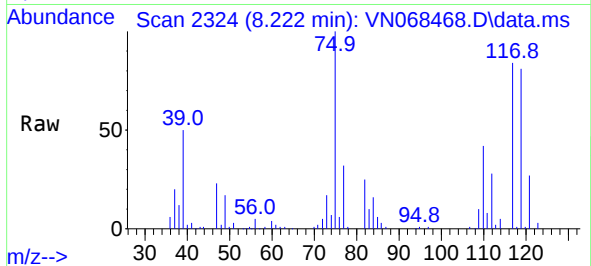
#29
1,1-Dichloropropene
Concen: 21.012 ug/l
RT: 8.222 min Scan# 2324
Delta R.T. -0.000 min
Lab File: VN068468.D
Acq: 14 Sep 2021 13:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

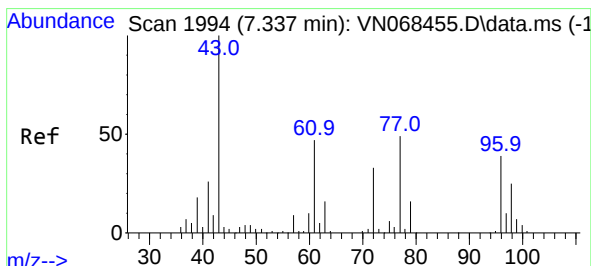
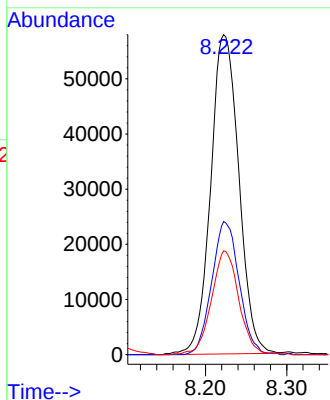


Tgt Ion: 75 Resp: 139152
Ion Ratio Lower Upper
75 100
110 40.6 0.0 82.2
77 31.7 0.0 60.0

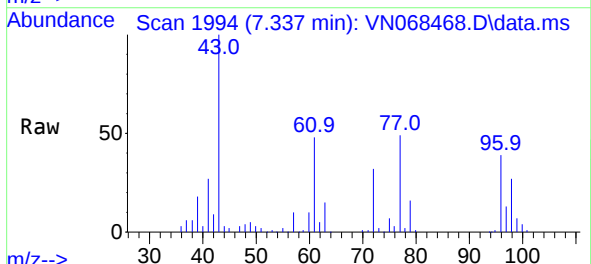
Manual Integrations

APPROVED

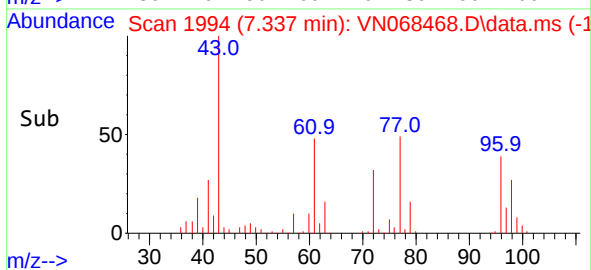
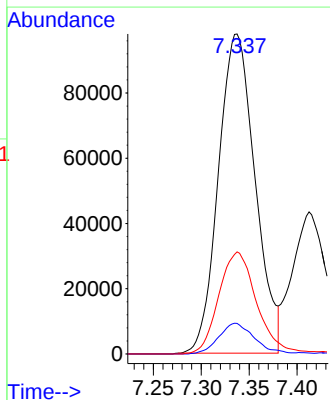
Reviewed By :John Carlone 09/15/2021
Supervised By :Mahesh Dadoda 09/15/2021

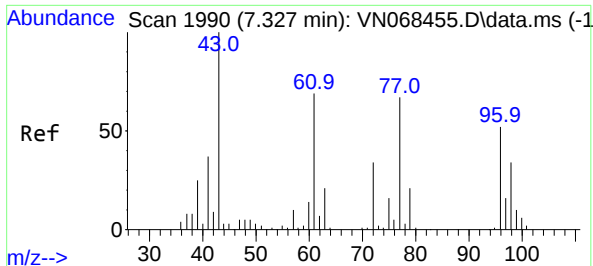


#30
2-Butanone
Concen: 103.132 ug/l
RT: 7.337 min Scan# 1994
Delta R.T. -0.000 min
Lab File: VN068468.D
Acq: 14 Sep 2021 13:07



Tgt Ion: 43 Resp: 260683
Ion Ratio Lower Upper
43 100
57 9.3 3.2 4.8#
72 33.1 26.6 39.8





#31

2,2-Dichloropropane

Concen: 20.986 ug/l

RT: 7.329 min Scan# 1990

Delta R.T. 0.003 min

Lab File: VN068468.D

Acq: 14 Sep 2021 13:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tgt Ion: 77 Resp: 15994

Ion Ratio Lower Upper

77 100

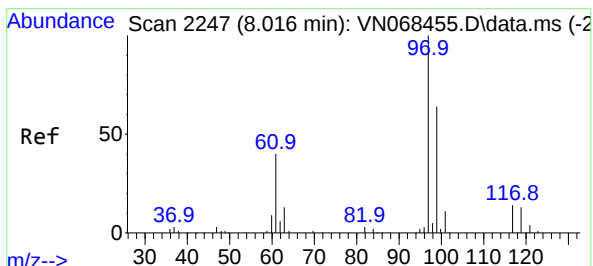
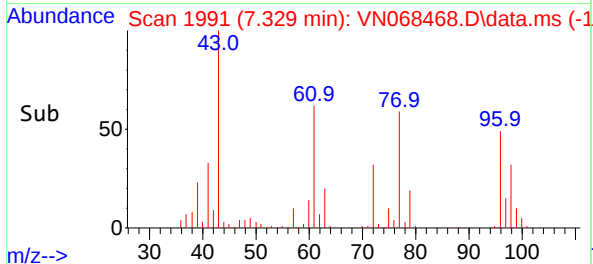
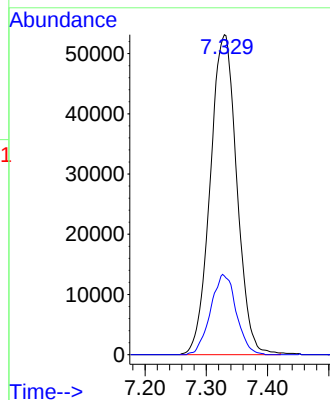
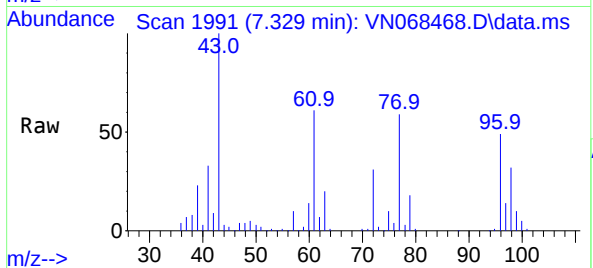
97 24.3 18.6 28.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/15/2021

Supervised By :Mahesh Dadoda 09/15/2021



#32

1,1,1-Trichloroethane

Concen: 21.031 ug/l

RT: 8.016 min Scan# 2247

Delta R.T. -0.000 min

Lab File: VN068468.D

Acq: 14 Sep 2021 13:07

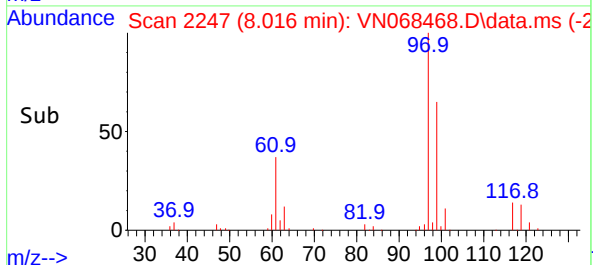
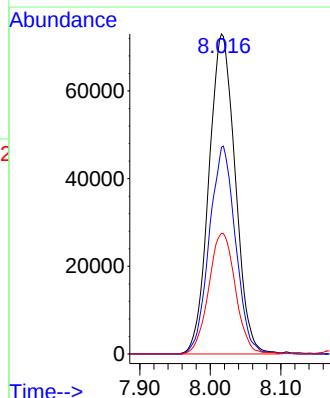
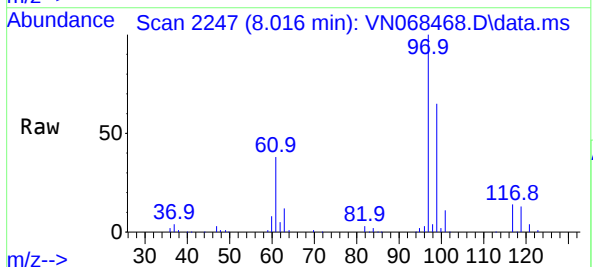
Tgt Ion: 97 Resp: 189137

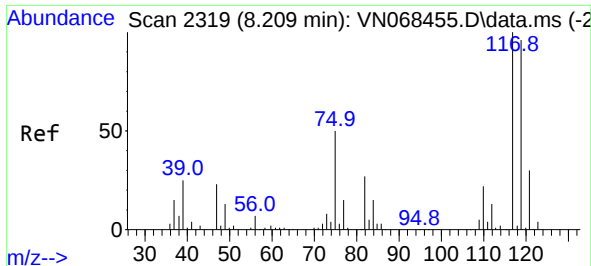
Ion Ratio Lower Upper

97 100

99 64.7 51.4 77.2

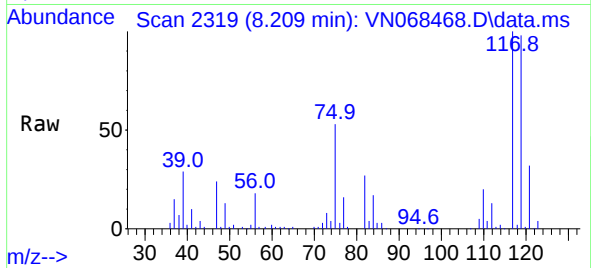
61 38.2 31.4 47.0





#33
Carbon Tetrachloride
Concen: 20.832 ug/l
RT: 8.209 min Scan# 2117
Delta R.T. -0.000 min
Lab File: VN068468.D
Acq: 14 Sep 2021 13:07

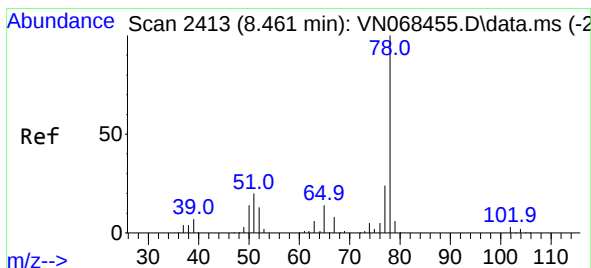
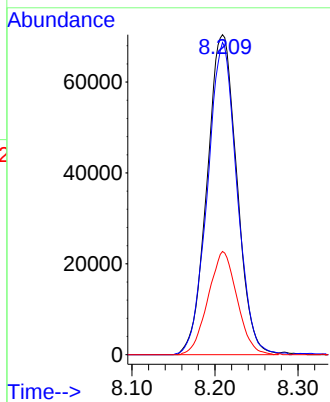
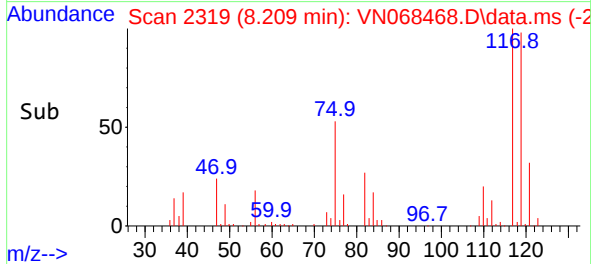
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



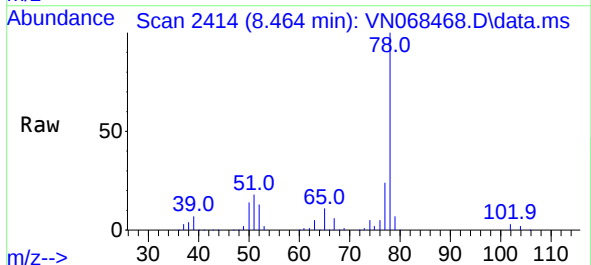
Tgt Ion:117 Resp: 17512
Ion Ratio Lower Upper
117 100
119 97.1 76.8 115.2
121 32.3 24.4 36.6

Manual Integrations
APPROVED

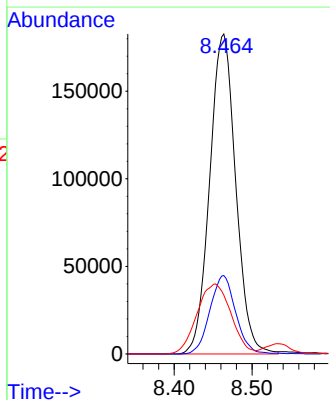
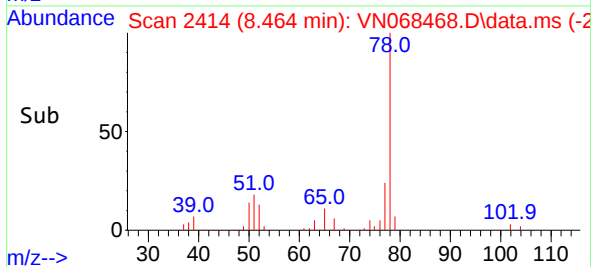
Reviewed By :John Carlone 09/15/2021
Supervised By :Mahesh Dadoda 09/15/2021

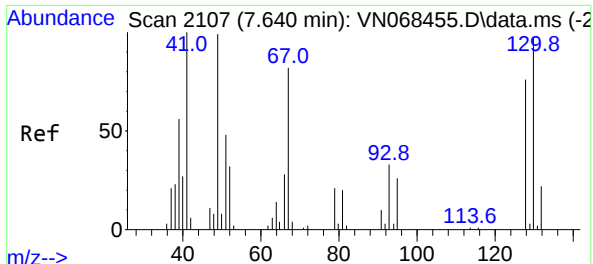


#34
Benzene
Concen: 20.985 ug/l
RT: 8.464 min Scan# 2414
Delta R.T. 0.003 min
Lab File: VN068468.D
Acq: 14 Sep 2021 13:07



Tgt Ion: 78 Resp: 423799
Ion Ratio Lower Upper
78 100
77 24.5 19.2 28.8
51 17.4 15.8 23.6





#35

Methacrylonitrile

Concen: 21.063 ug/l

RT: 7.638 min Scan# 2106

Delta R.T. -0.003 min

Lab File: VN068468.D

Acq: 14 Sep 2021 13:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tgt Ion: 41 Resp: 51340

Ion Ratio Lower Upper

41 100

39 54.4 28.2 84.6

67 86.2 40.8 122.5

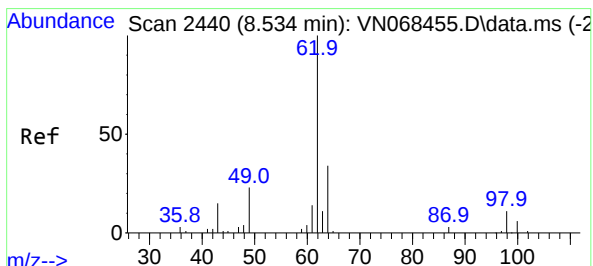
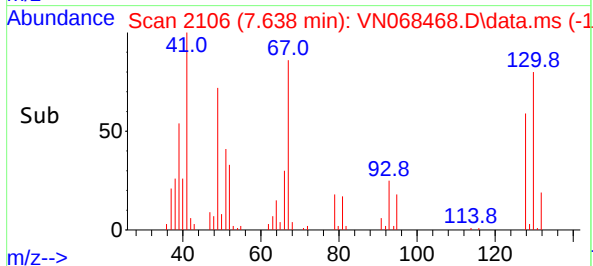
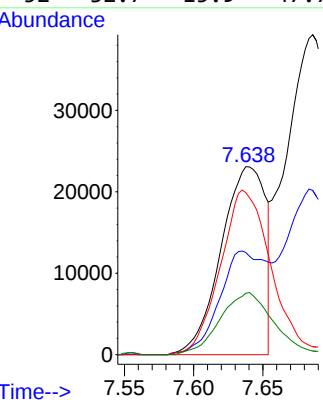
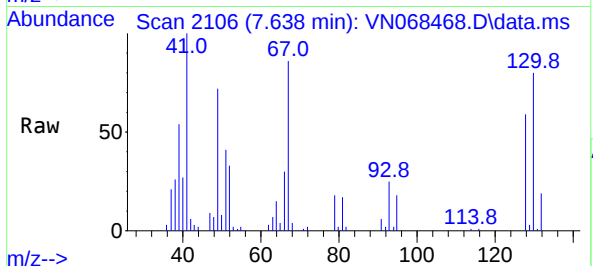
52 32.7 15.9 47.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/15/2021

Supervised By :Mahesh Dadoda 09/15/2021



#36

1,2-Dichloroethane

Concen: 21.883 ug/l

RT: 8.533 min Scan# 2440

Delta R.T. -0.000 min

Lab File: VN068468.D

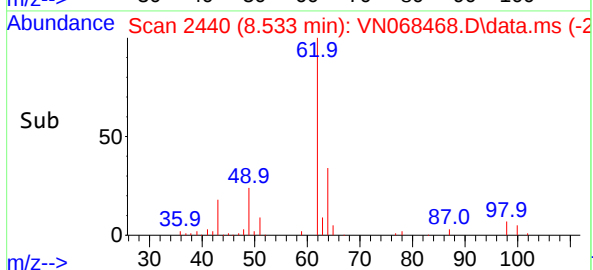
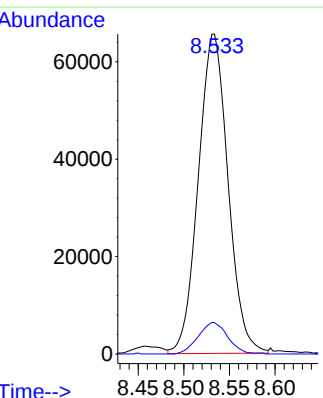
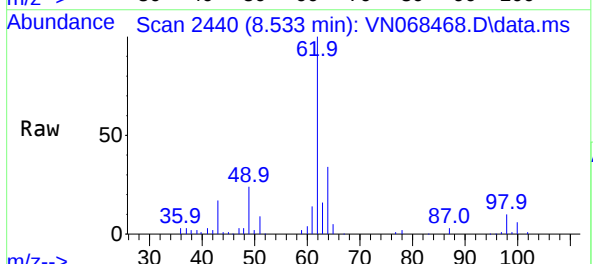
Acq: 14 Sep 2021 13:07

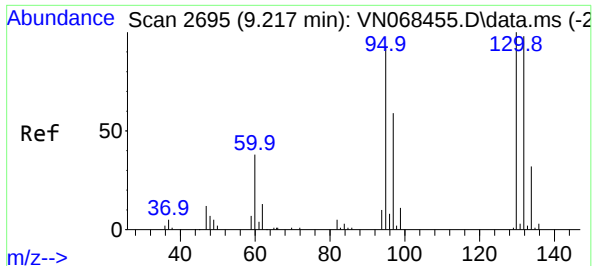
Tgt Ion: 62 Resp: 148796

Ion Ratio Lower Upper

62 100

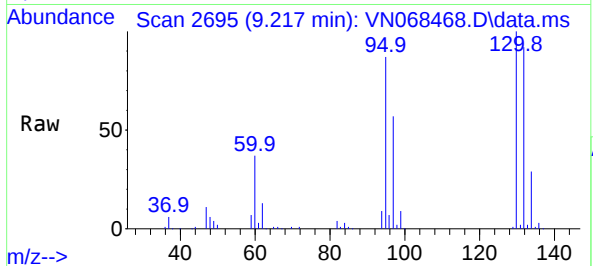
98 9.8 7.8 11.8





#37
Trichloroethene
Concen: 20.800 ug/l
RT: 9.217 min Scan# 2695
Delta R.T. -0.000 min
Lab File: VN068468.D
Acq: 14 Sep 2021 13:07

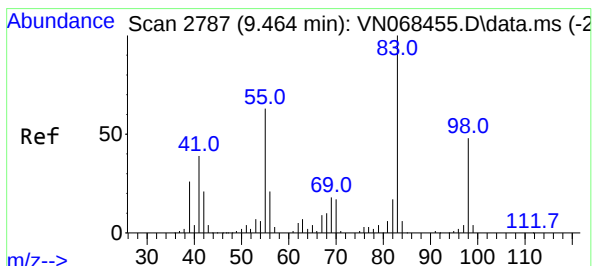
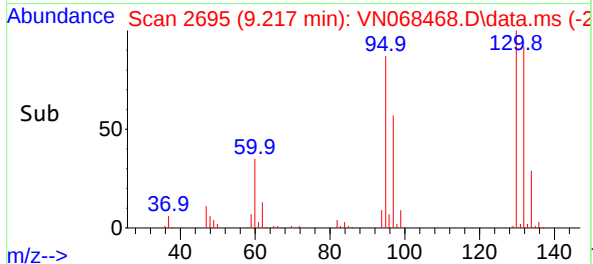
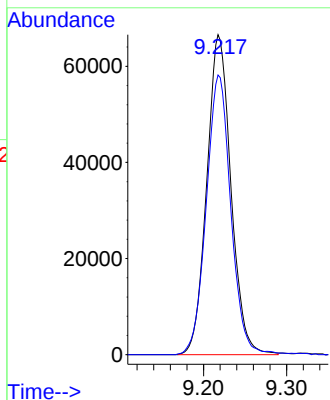
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion:130 Resp: 134600
Ion Ratio Lower Upper
130 100
95 87.2 73.4 110.0

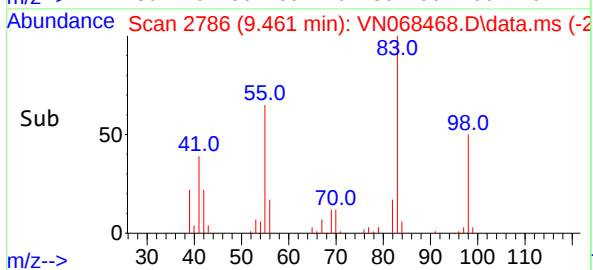
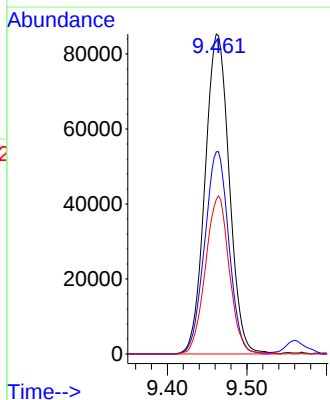
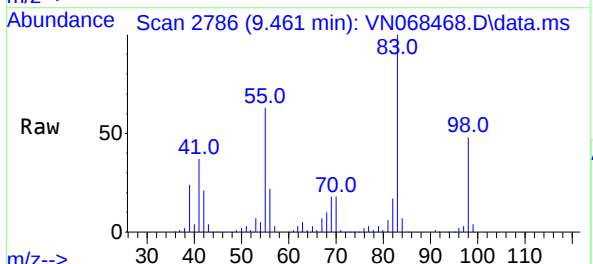
Manual Integrations
APPROVED

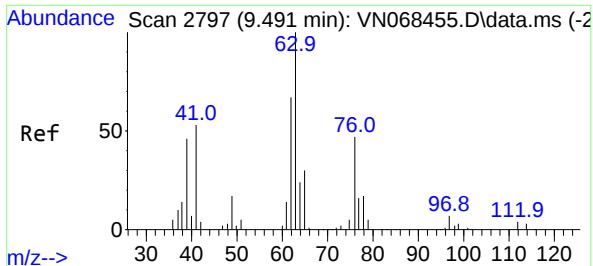
Reviewed By :John Carlone 09/15/2021
Supervised By :Mahesh Dadoda 09/15/2021



#38
Methylcyclohexane
Concen: 21.228 ug/l
RT: 9.461 min Scan# 2786
Delta R.T. -0.003 min
Lab File: VN068468.D
Acq: 14 Sep 2021 13:07

Tgt Ion: 83 Resp: 180702
Ion Ratio Lower Upper
83 100
55 63.3 32.1 96.3
98 48.5 24.0 72.0





#39

1,2-Dichloropropane

Concen: 21.266 ug/l

RT: 9.491 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN068468.D

Acq: 14 Sep 2021 13:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tgt Ion: 63 Resp: 10108

Ion Ratio Lower Upper

63 100

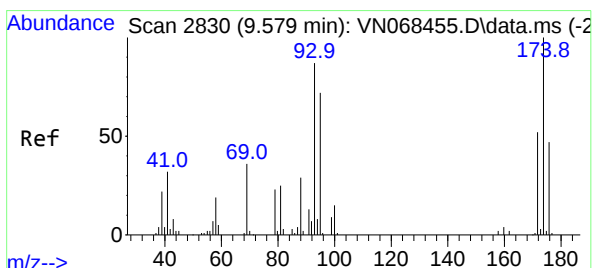
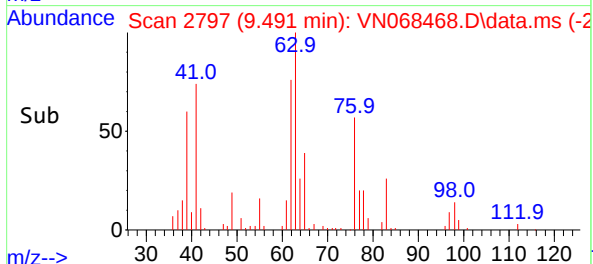
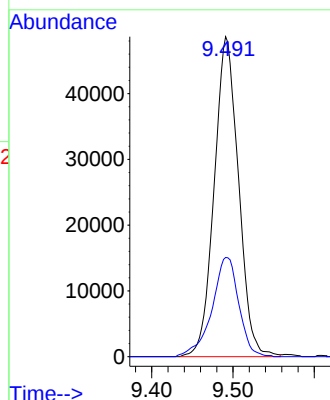
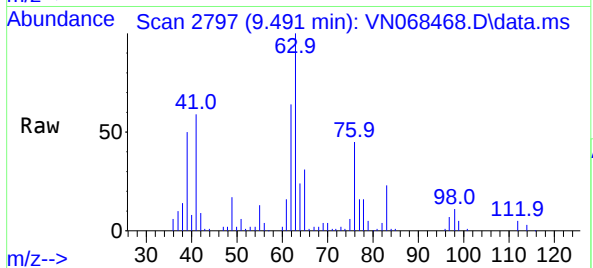
65 31.0 24.4 36.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/15/2021

Supervised By :Mahesh Dadoda 09/15/2021



#40

Dibromomethane

Concen: 21.559 ug/l

RT: 9.577 min Scan# 2829

Delta R.T. -0.003 min

Lab File: VN068468.D

Acq: 14 Sep 2021 13:07

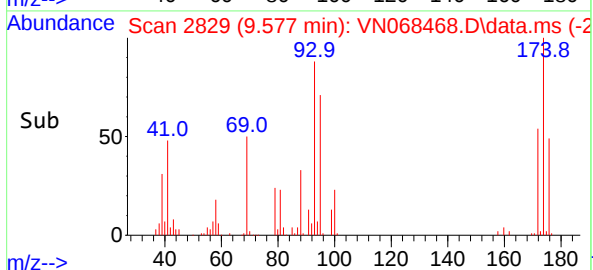
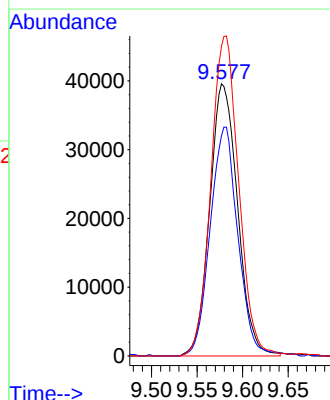
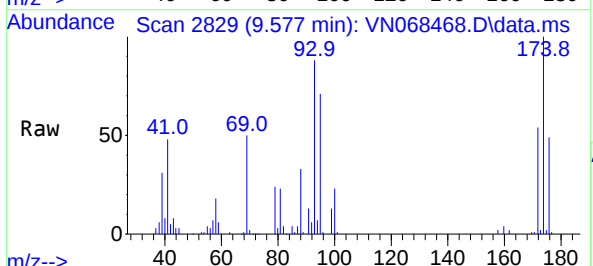
Tgt Ion: 93 Resp: 84192

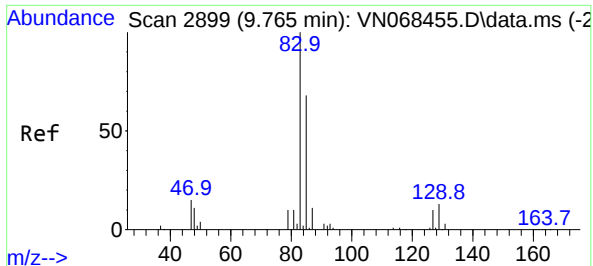
Ion Ratio Lower Upper

93 100

95 83.7 0.0 165.2

174 117.1 0.0 231.8





#41
Bromodichloromethane
Concen: 21.054 ug/l
RT: 9.765 min Scan# 2899
Delta R.T. -0.000 min
Lab File: VN068468.D
Acq: 14 Sep 2021 13:07

Instrument :

MSVOA_N

ClientSampleId :

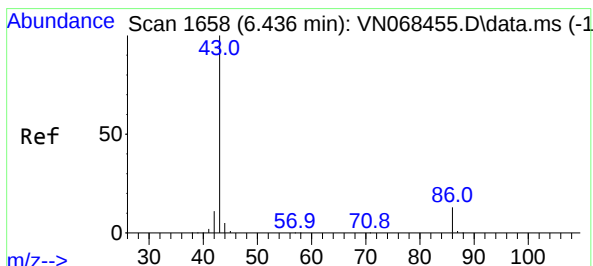
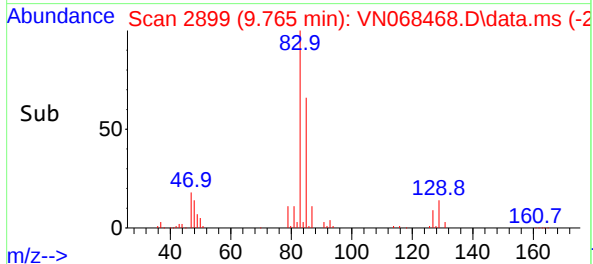
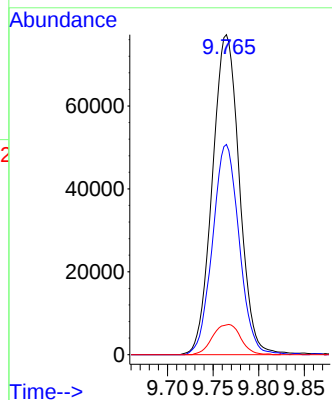
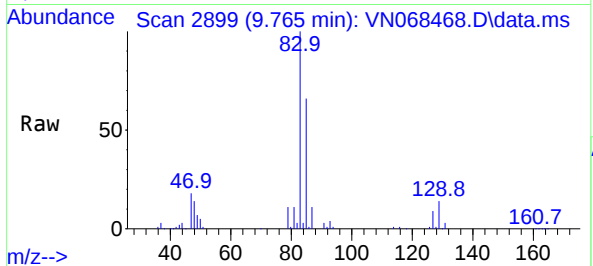
VSTDCCC020

Tgt Ion: 83 Resp: 158899
Ion Ratio Lower Upper
83 100
85 65.7 54.1 81.1
127 9.3 8.8 13.2

Manual Integrations

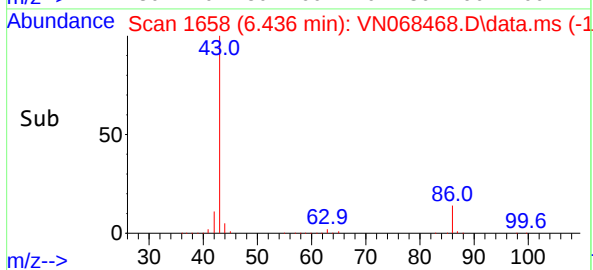
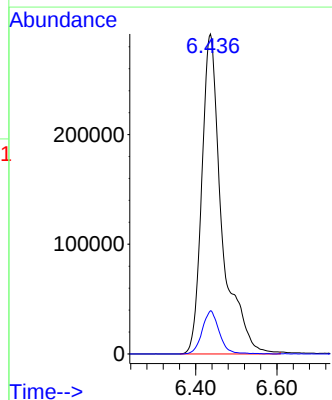
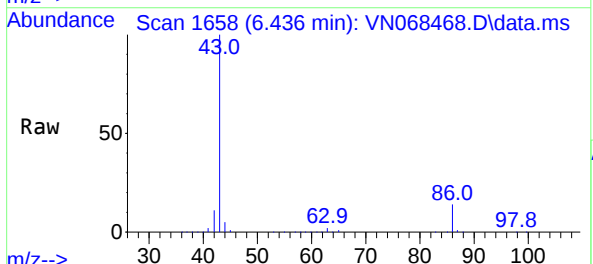
APPROVED

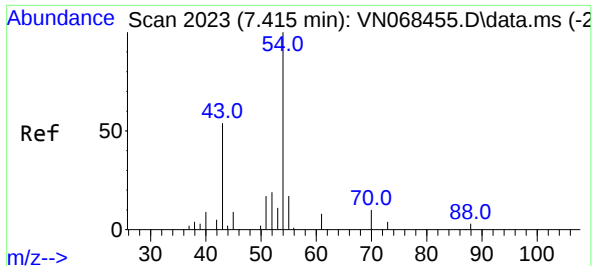
Reviewed By :John Carlone 09/15/2021
Supervised By :Mahesh Dadoda 09/15/2021



#42
Vinyl Acetate
Concen: 107.491 ug/l
RT: 6.436 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VN068468.D
Acq: 14 Sep 2021 13:07

Tgt Ion: 43 Resp: 1001069
Ion Ratio Lower Upper
43 100
86 11.3 9.0 13.6





#43

Ethyl Acetate

Concen: 19.535 ug/l

RT: 7.412 min Scan# 2023

Delta R.T. -0.003 min

Lab File: VN068468.D

Acq: 14 Sep 2021 13:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tgt Ion: 43 Resp: 10414

Ion Ratio Lower Upper

43 100

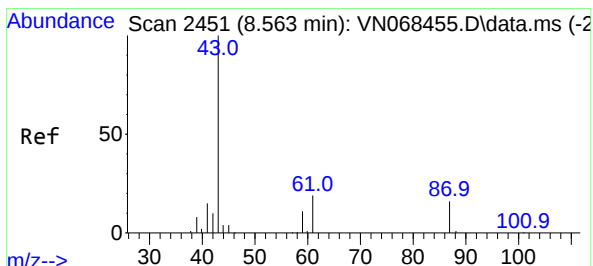
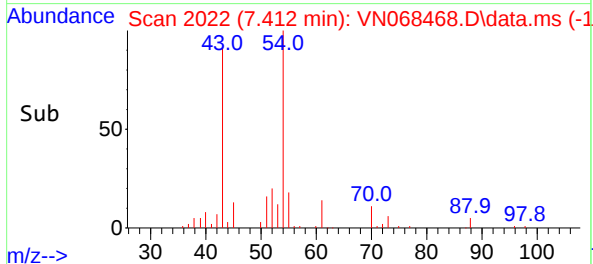
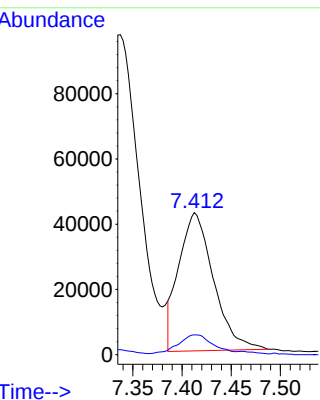
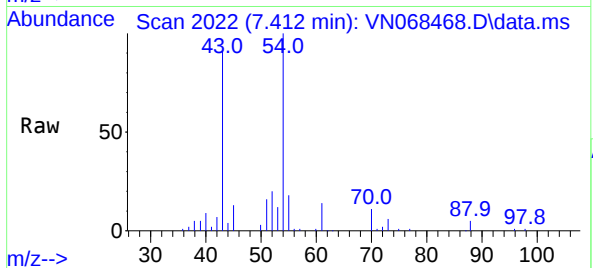
45 13.1 0.4 0.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/15/2021

Supervised By :Mahesh Dadoda 09/15/2021



#44

Isopropyl Acetate

Concen: 21.034 ug/l

RT: 8.560 min Scan# 2450

Delta R.T. -0.003 min

Lab File: VN068468.D

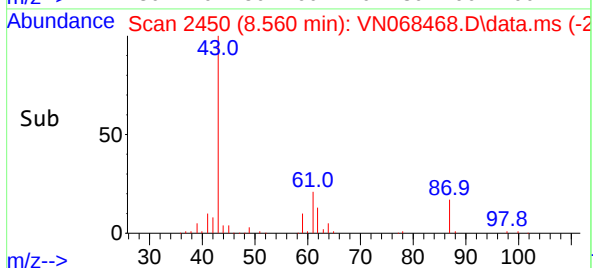
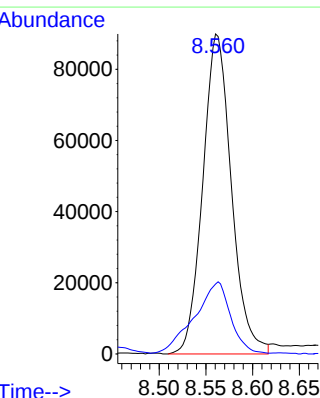
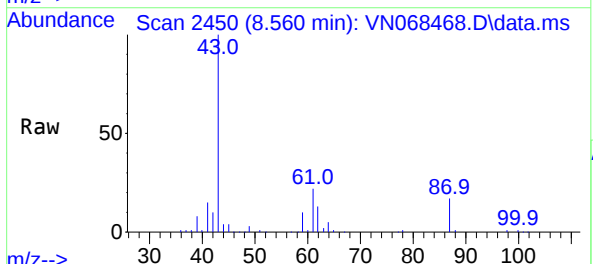
Acq: 14 Sep 2021 13:07

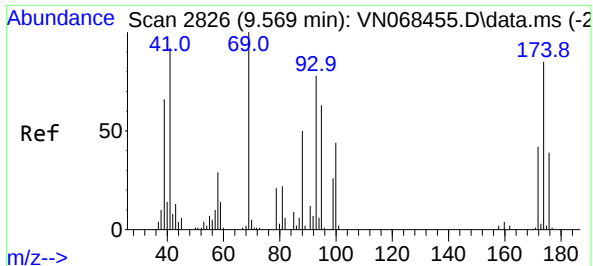
Tgt Ion: 43 Resp: 191947

Ion Ratio Lower Upper

43 100

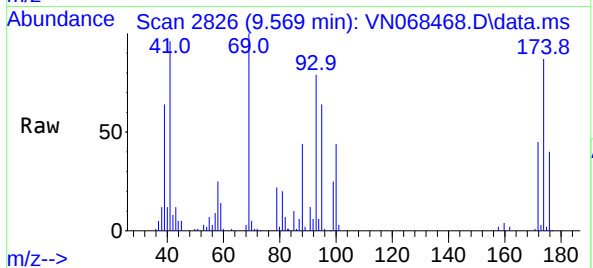
61 28.6 22.7 34.1





#45
1,4-Dioxane
Concen: 406.729 ug/l
RT: 9.569 min Scan# 2826
Delta R.T. -0.000 min
Lab File: VN068468.D
Acq: 14 Sep 2021 13:07

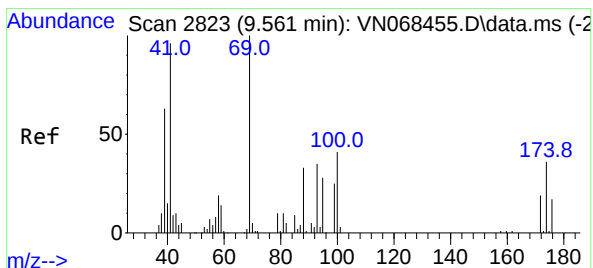
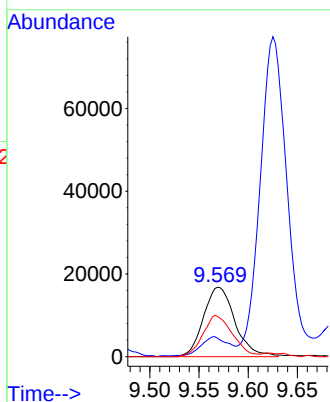
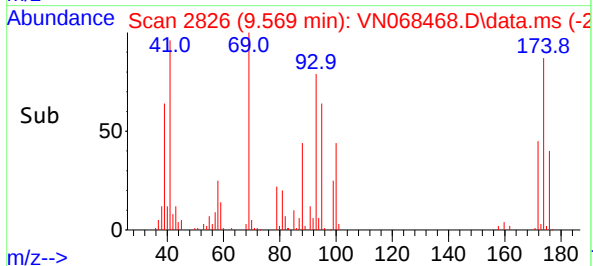
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



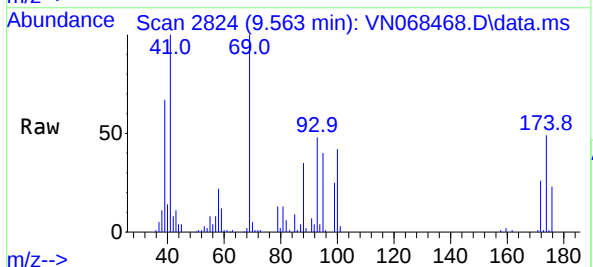
Tgt Ion: 88 Resp: 3753
Ion Ratio Lower Upper
88 100
43 23.7 21.0 31.4
58 55.9 47.0 70.6

Manual Integrations
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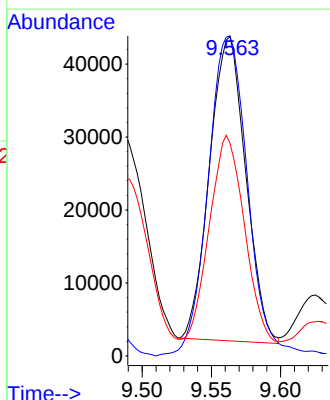
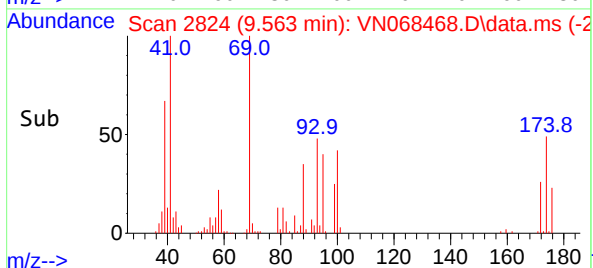
Reviewed By :John Carlone 09/15/2021
Supervised By :Mahesh Dadoda 09/15/2021

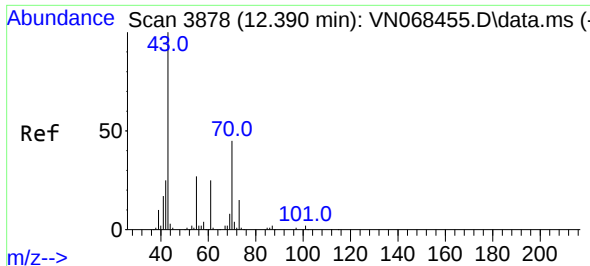


#46
Methyl methacrylate
Concen: 20.477 ug/l
RT: 9.563 min Scan# 2824
Delta R.T. 0.003 min
Lab File: VN068468.D
Acq: 14 Sep 2021 13:07



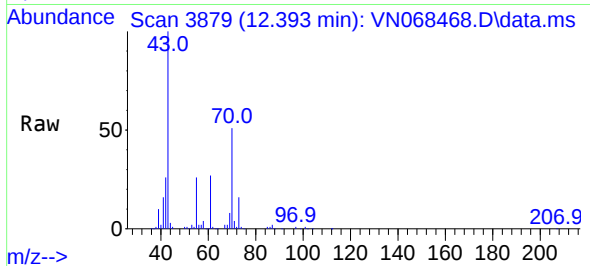
Tgt Ion: 41 Resp: 75584
Ion Ratio Lower Upper
41 100
69 104.2 51.4 154.3
39 66.0 33.1 99.2





#47
n-amy1 Acetate
Concen: 20.299 ug/l
RT: 12.393 min Scan# 3878
Delta R.T. 0.003 min
Lab File: VN068468.D
Acq: 14 Sep 2021 13:07

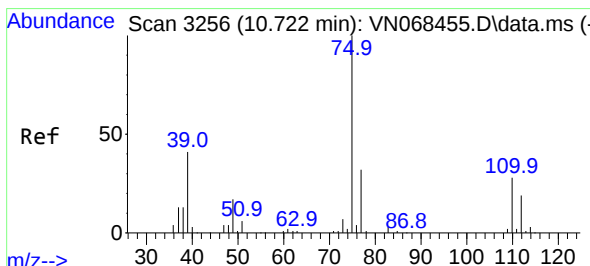
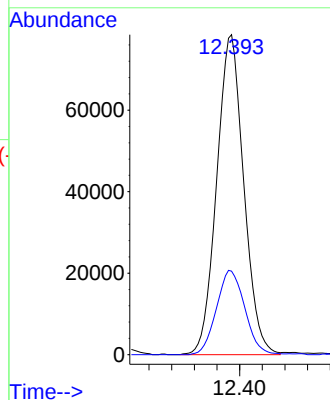
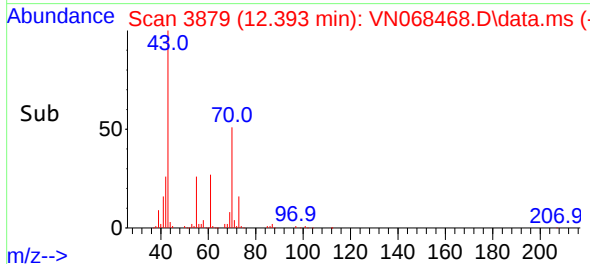
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 43 Resp: 130073
Ion Ratio Lower Upper
43 100
55 27.6 21.7 32.5

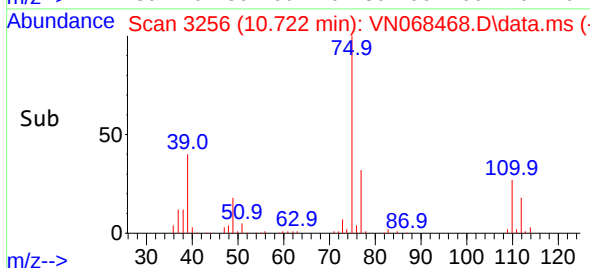
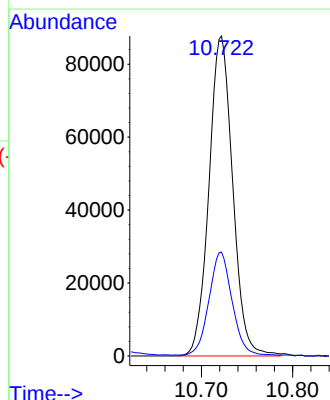
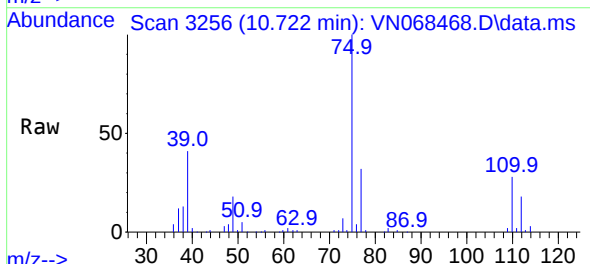
Manual Integrations
APPROVED

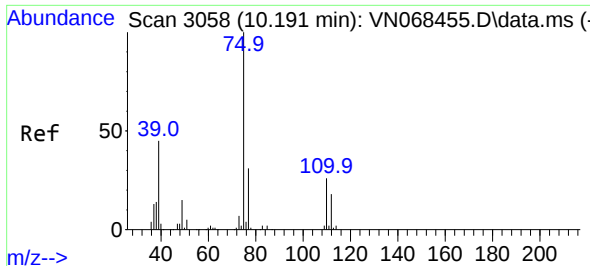
Reviewed By :John Carlone 09/15/2021
Supervised By :Mahesh Dadoda 09/15/2021



#48
t-1,3-Dichloropropene
Concen: 20.752 ug/l
RT: 10.722 min Scan# 3256
Delta R.T. -0.000 min
Lab File: VN068468.D
Acq: 14 Sep 2021 13:07

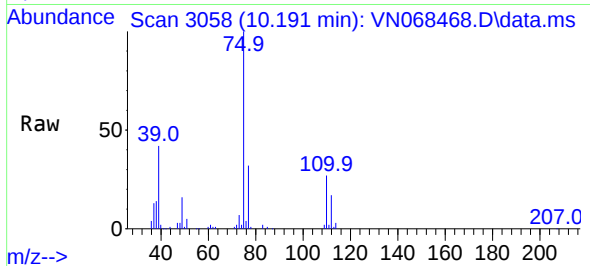
Tgt Ion: 75 Resp: 158573
Ion Ratio Lower Upper
75 100
77 32.2 26.0 39.0





#49
cis-1,3-Dichloropropene
Concen: 20.692 ug/l
RT: 10.191 min Scan# 3058
Delta R.T. -0.000 min
Lab File: VN068468.D
Acq: 14 Sep 2021 13:07

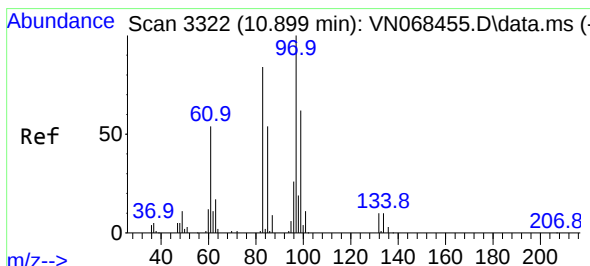
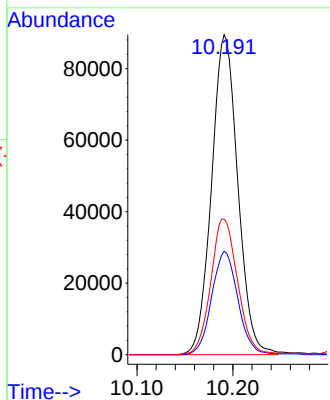
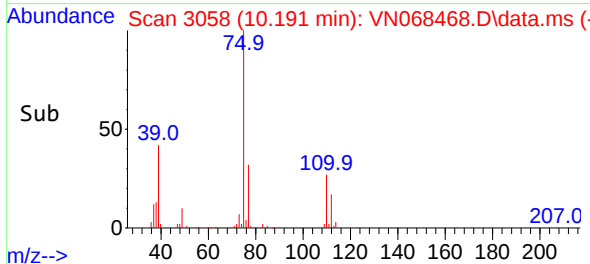
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



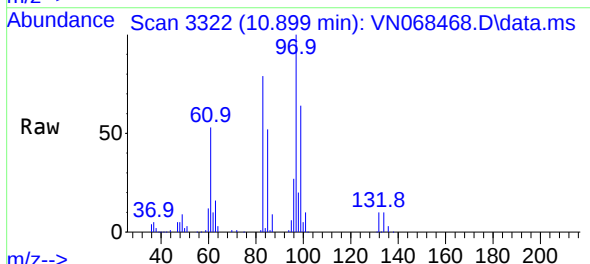
Tgt Ion: 75 Resp: 169934
Ion Ratio Lower Upper
75 100
77 32.3 24.6 36.8
39 42.4 35.9 53.9

Manual Integrations
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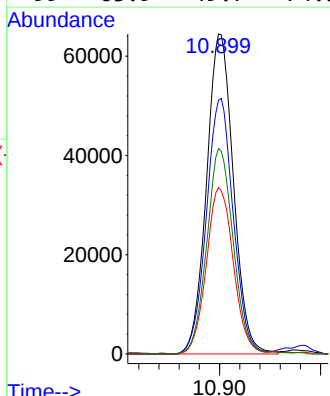
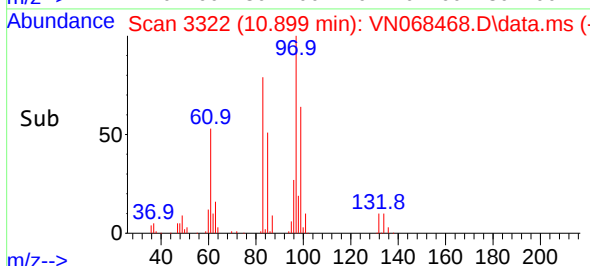
Reviewed By :John Carlone 09/15/2021
Supervised By :Mahesh Dadoda 09/15/2021

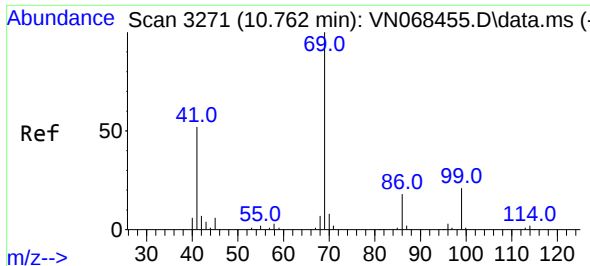


#50
1,1,2-Trichloroethane
Concen: 21.121 ug/l
RT: 10.899 min Scan# 3322
Delta R.T. -0.000 min
Lab File: VN068468.D
Acq: 14 Sep 2021 13:07



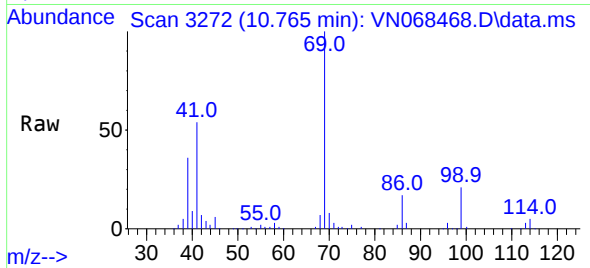
Tgt Ion: 97 Resp: 119196
Ion Ratio Lower Upper
97 100
83 79.3 66.8 100.2
85 52.0 43.5 65.3
99 63.9 49.7 74.5





#51
Ethyl methacrylate
Concen: 20.824 ug/l
RT: 10.765 min Scan# 31
Delta R.T. 0.003 min
Lab File: VN068468.D
Acq: 14 Sep 2021 13:07

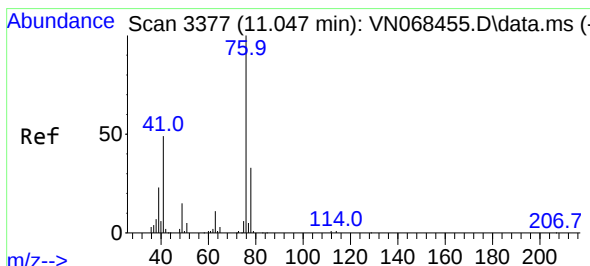
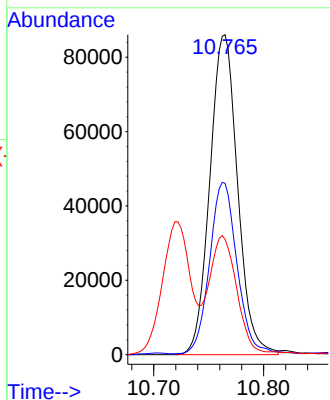
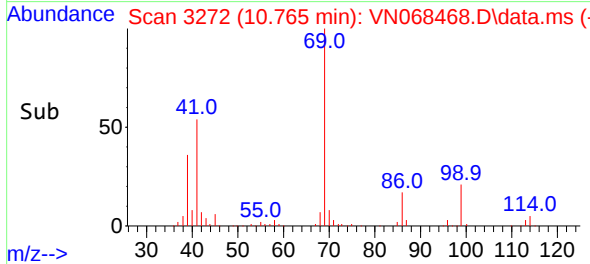
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



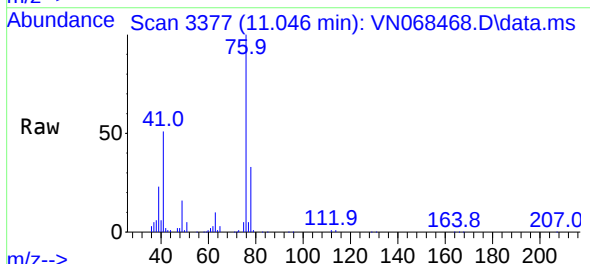
Tgt Ion: 69 Resp: 150884
Ion Ratio Lower Upper
69 100
41 53.2 26.1 78.3
39 35.3 18.0 54.0

Manual Integrations
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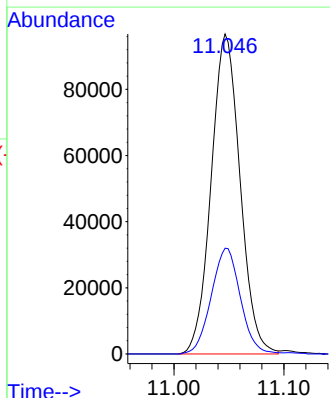
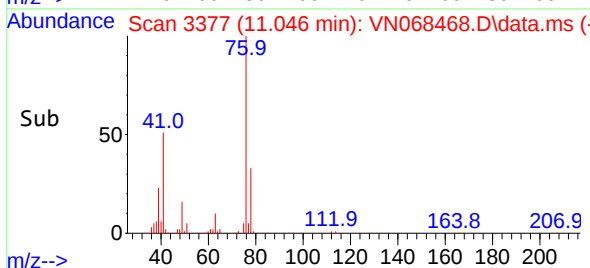
Reviewed By :John Carlone 09/15/2021
Supervised By :Mahesh Dadoda 09/15/2021

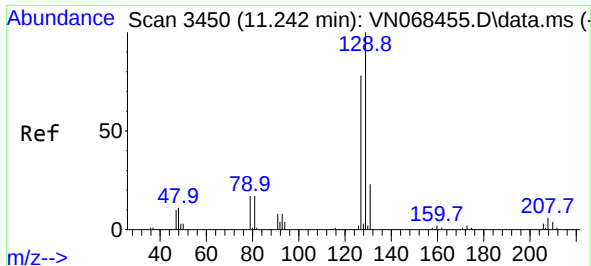


#52
1,3-Dichloropropane
Concen: 21.053 ug/l
RT: 11.046 min Scan# 3377
Delta R.T. -0.000 min
Lab File: VN068468.D
Acq: 14 Sep 2021 13:07



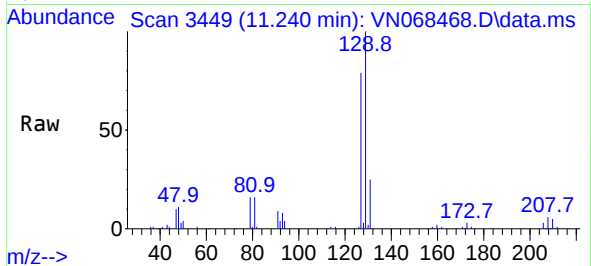
Tgt Ion: 76 Resp: 176689
Ion Ratio Lower Upper
76 100
78 33.3 0.0 66.4





#53
Dibromochloromethane
Concen: 20.469 ug/l
RT: 11.240 min Scan# 3449
Delta R.T. -0.003 min
Lab File: VN068468.D
Acq: 14 Sep 2021 13:07

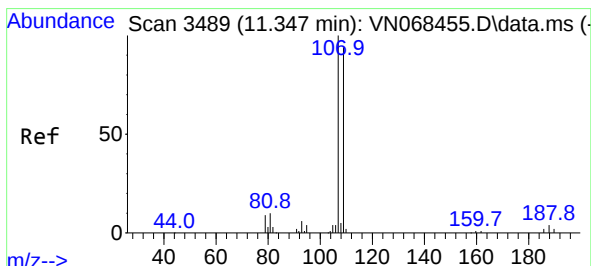
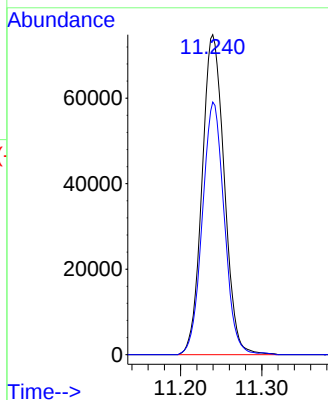
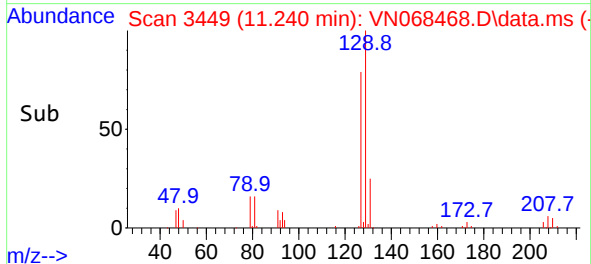
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



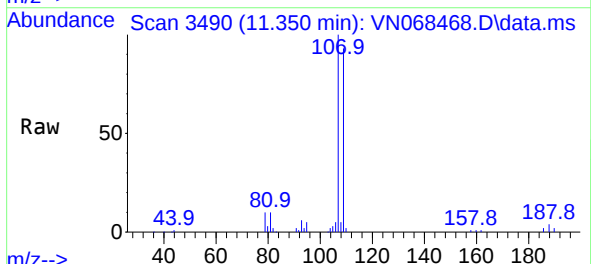
Tgt Ion:129 Resp: 14204
Ion Ratio Lower Upper
129 100
127 77.8 38.5 115.5

Manual Integrations
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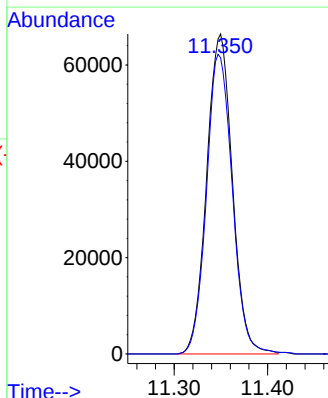
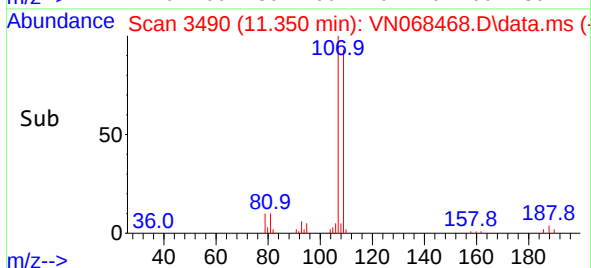
Reviewed By :John Carlone 09/15/2021
Supervised By :Mahesh Dadoda 09/15/2021

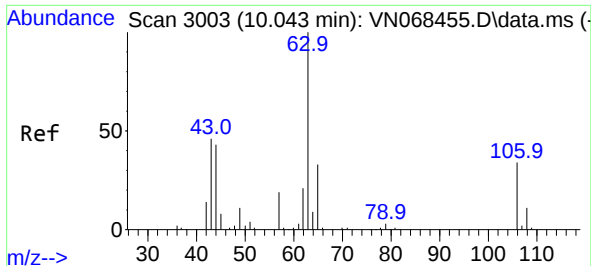


#54
1,2-Dibromoethane
Concen: 21.011 ug/l
RT: 11.350 min Scan# 3490
Delta R.T. 0.003 min
Lab File: VN068468.D
Acq: 14 Sep 2021 13:07



Tgt Ion:107 Resp: 127169
Ion Ratio Lower Upper
107 100
109 94.2 77.0 115.4





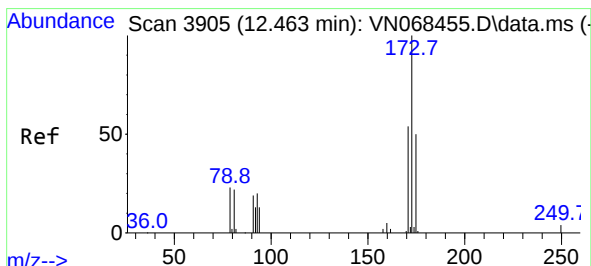
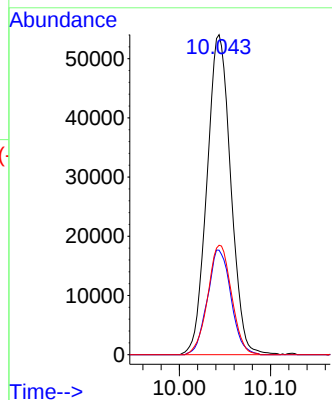
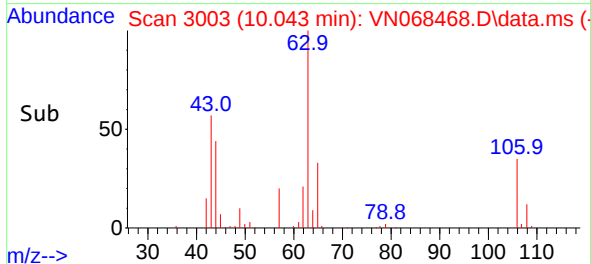
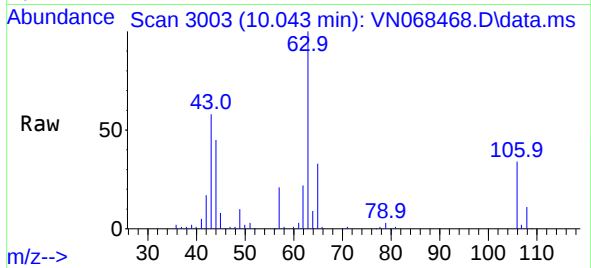
#55
2-Chloroethyl vinyl ether
Concen: 79.836 ug/l
RT: 10.043 min Scan# 3003
Delta R.T. -0.000 min
Lab File: VN068468.D
Acq: 14 Sep 2021 13:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 63 Resp: 97920
Ion Ratio Lower Upper
63 100
65 32.4 26.2 39.2
106 34.1 27.7 41.5

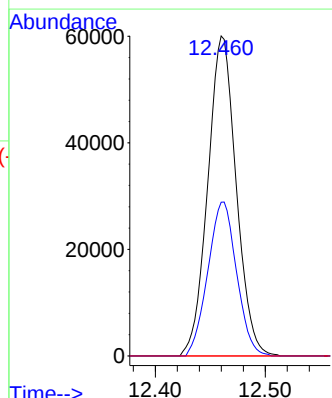
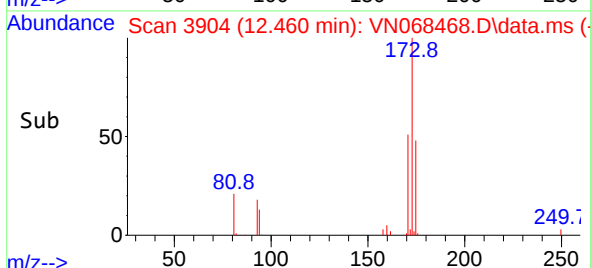
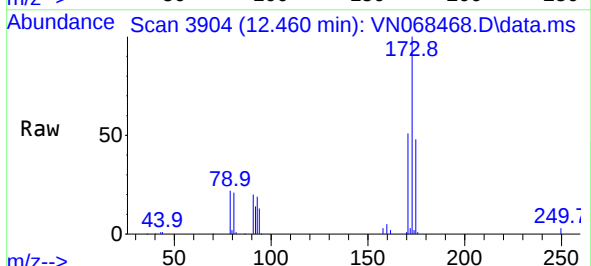
Manual Integrations
APPROVED

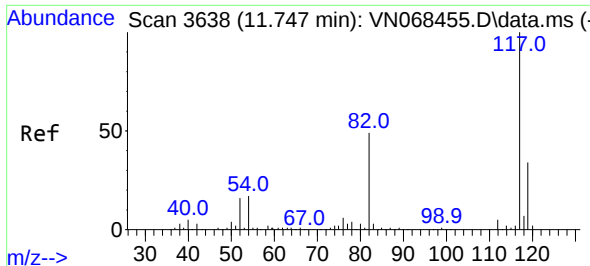
Reviewed By :John Carlone 09/15/2021
Supervised By :Mahesh Dadoda 09/15/2021



#56
Bromoform
Concen: 19.356 ug/l
RT: 12.460 min Scan# 3904
Delta R.T. -0.003 min
Lab File: VN068468.D
Acq: 14 Sep 2021 13:07

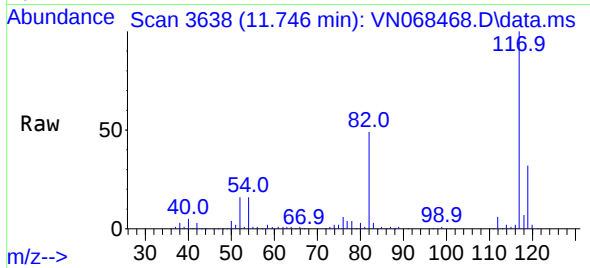
Tgt Ion:173 Resp: 107882
Ion Ratio Lower Upper
173 100
175 48.6 38.8 58.2
254 0.0 0.0 0.0





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.746 min Scan# 3011
Delta R.T. -0.000 min
Lab File: VN068468.D
Acq: 14 Sep 2021 13:07

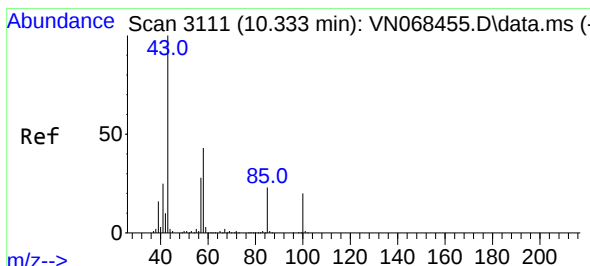
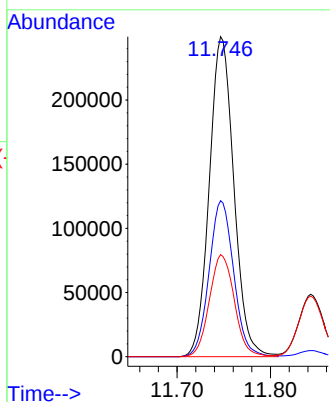
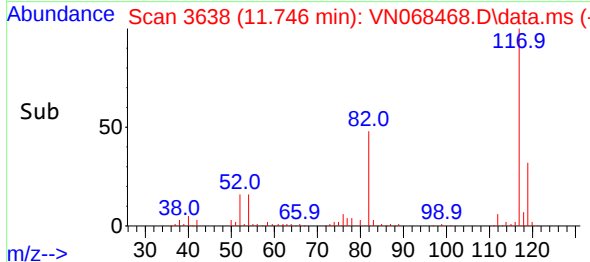
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



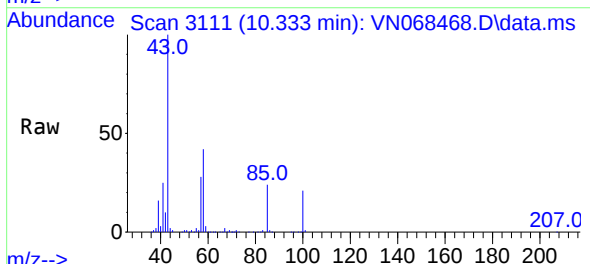
Tgt Ion:117 Resp: 456390
Ion Ratio Lower Upper
117 100
82 48.9 39.4 59.0
119 32.4 26.2 39.2

Manual Integrations
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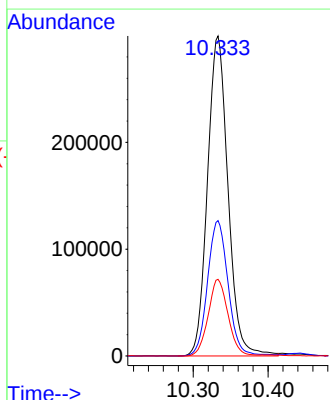
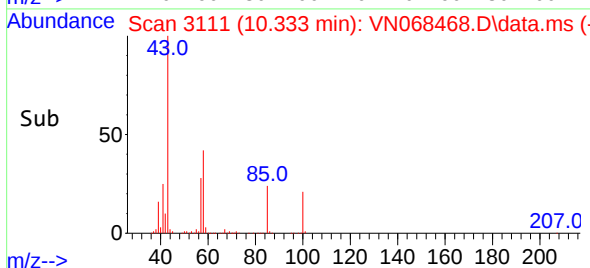
Reviewed By :John Carlone 09/15/2021
Supervised By :Mahesh Dadoda 09/15/2021

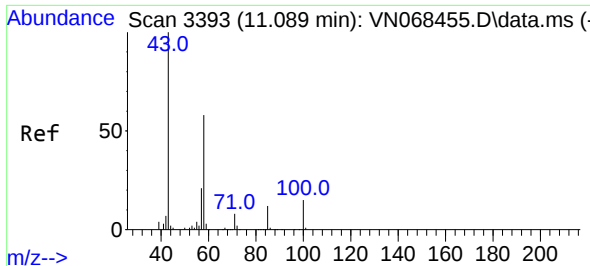


#58
4-Methyl-2-Pentanone
Concen: 106.200 ug/l
RT: 10.333 min Scan# 3111
Delta R.T. -0.000 min
Lab File: VN068468.D
Acq: 14 Sep 2021 13:07



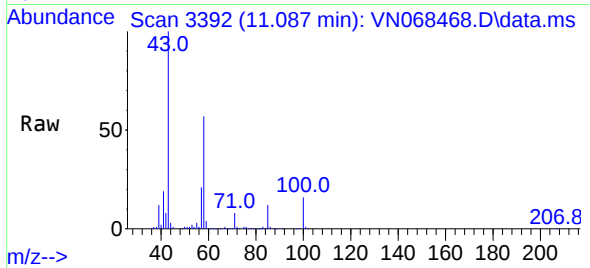
Tgt Ion: 43 Resp: 570567
Ion Ratio Lower Upper
43 100
58 42.2 33.3 49.9
85 23.2 18.6 27.8





#59
2-Hexanone
Concen: 104.365 ug/l
RT: 11.087 min Scan# 31
Delta R.T. -0.003 min
Lab File: VN068468.D
Acq: 14 Sep 2021 13:07

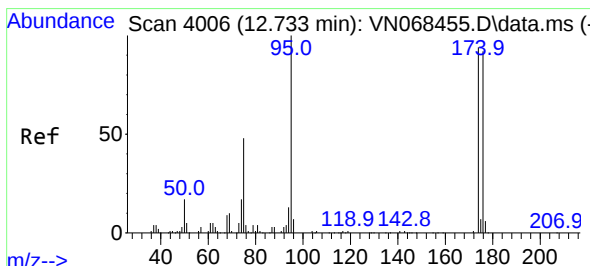
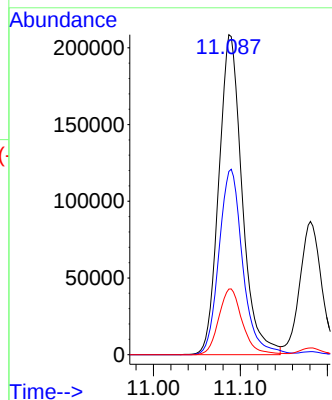
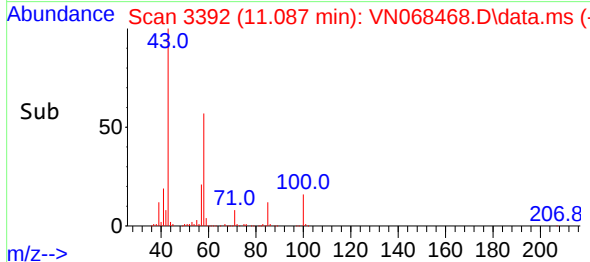
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 43 Resp: 38860
Ion Ratio Lower Upper
43 100
58 59.1 46.4 69.6
57 20.9 16.6 25.0

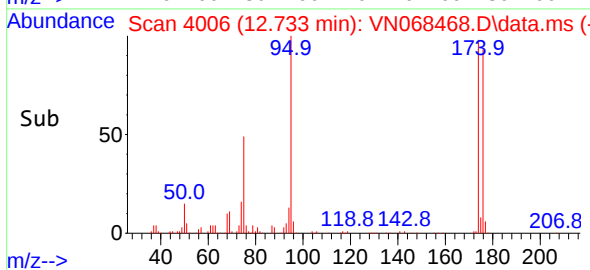
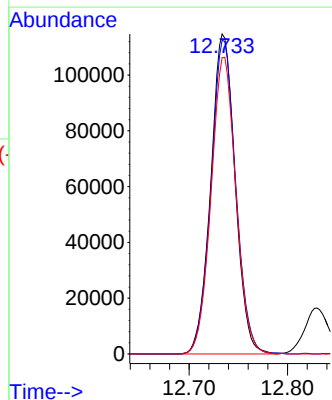
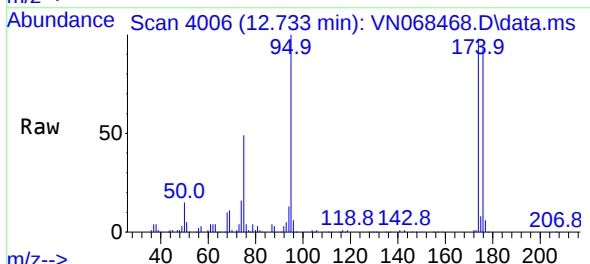
Manual Integrations
APPROVED

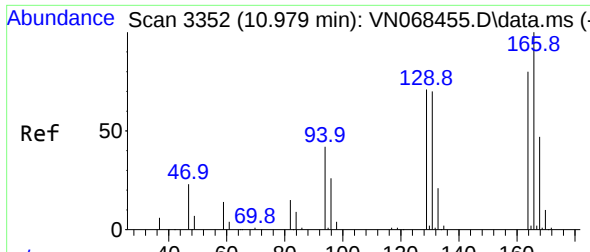
Reviewed By :John Carlone 09/15/2021
Supervised By :Mahesh Dadoda 09/15/2021



#60
4-Bromofluorobenzene
Concen: 30.358 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.000 min
Lab File: VN068468.D
Acq: 14 Sep 2021 13:07

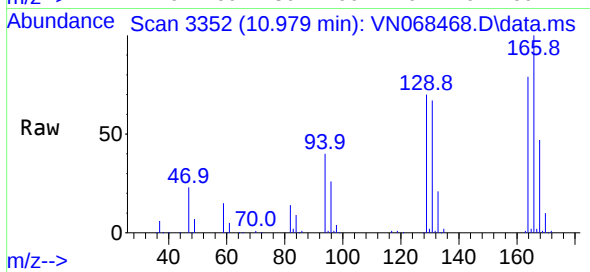
Tgt Ion: 95 Resp: 197484
Ion Ratio Lower Upper
95 100
174 99.7 78.0 117.0
176 94.5 76.4 114.6





#61
Tetrachloroethene
Concen: 21.669 ug/l
RT: 10.979 min Scan# 3176
Delta R.T. -0.000 min
Lab File: VN068468.D
Acq: 14 Sep 2021 13:07

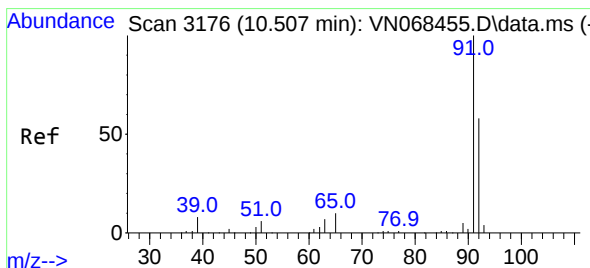
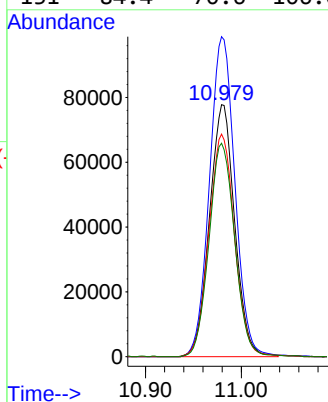
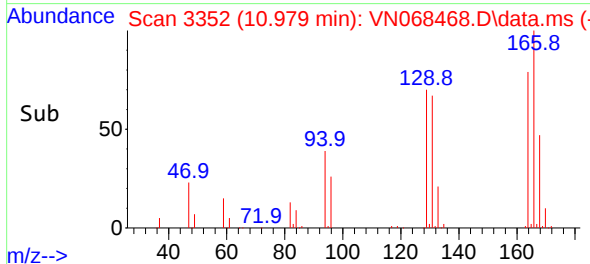
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



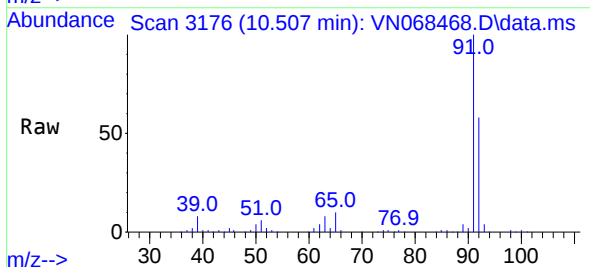
Tgt Ion:164 Resp: 142198
Ion Ratio Lower Upper
164 100
166 127.0 100.4 150.6
129 88.3 71.4 107.0
131 84.4 70.6 106.0

Manual Integrations
APPROVED

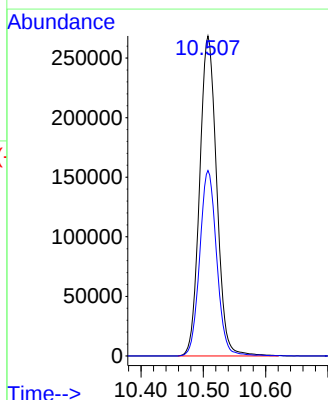
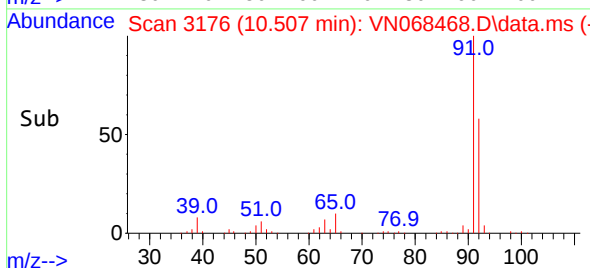
Reviewed By :John Carlone 09/15/2021
Supervised By :Mahesh Dadoda 09/15/2021

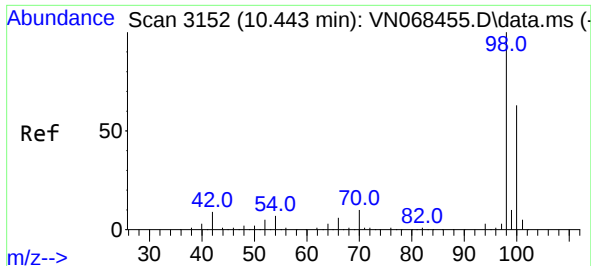


#62
Toluene
Concen: 21.247 ug/l
RT: 10.507 min Scan# 3176
Delta R.T. -0.000 min
Lab File: VN068468.D
Acq: 14 Sep 2021 13:07



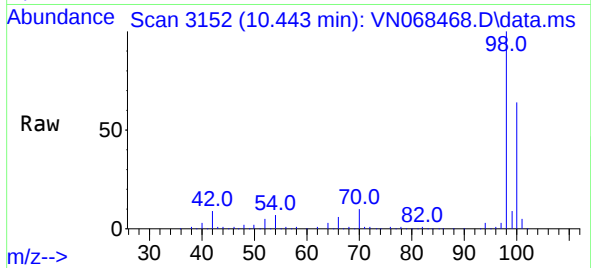
Tgt Ion: 91 Resp: 510362
Ion Ratio Lower Upper
91 100
92 57.6 45.8 68.6





#63
Toluene-d8
Concen: 30.295 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VN068468.D
Acq: 14 Sep 2021 13:07

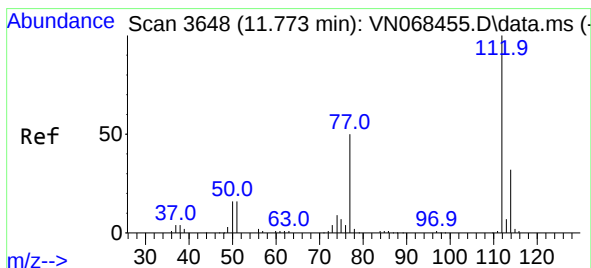
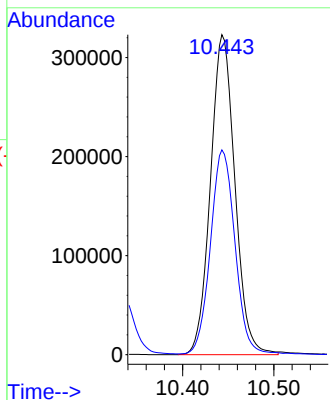
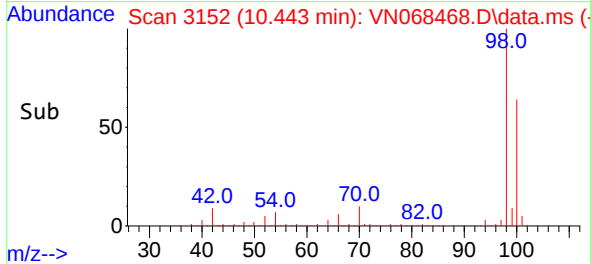
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



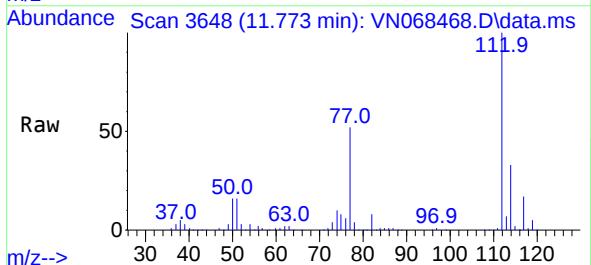
Tgt Ion: 98 Resp: 601502
Ion Ratio Lower Upper
98 100
100 63.6 50.9 76.3

Manual Integrations
APPROVED

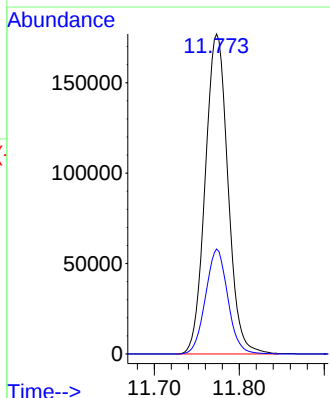
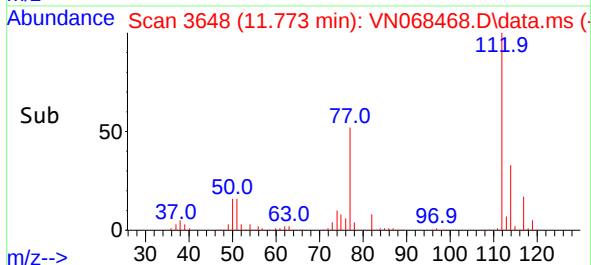
Reviewed By :John Carlone 09/15/2021
Supervised By :Mahesh Dadoda 09/15/2021

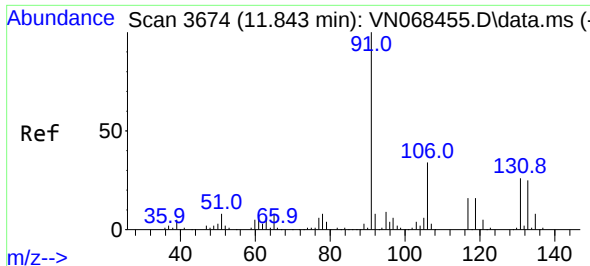


#64
Chlorobenzene
Concen: 20.772 ug/l
RT: 11.773 min Scan# 3648
Delta R.T. -0.000 min
Lab File: VN068468.D
Acq: 14 Sep 2021 13:07



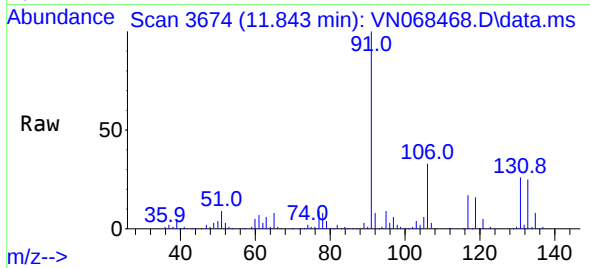
Tgt Ion:112 Resp: 329085
Ion Ratio Lower Upper
112 100
114 32.8 25.8 38.6





#65
1,1,1,2-Tetrachloroethane
Concen: 21.047 ug/l
RT: 11.843 min Scan# 3674
Delta R.T. -0.000 min
Lab File: VN068468.D
Acq: 14 Sep 2021 13:07

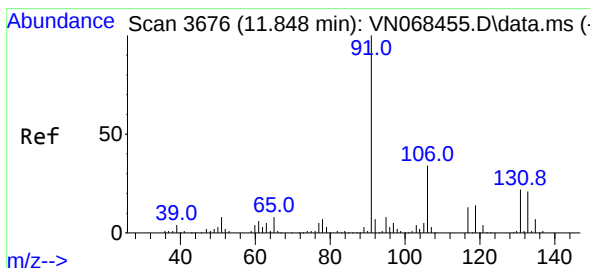
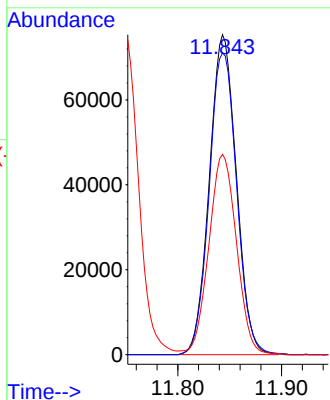
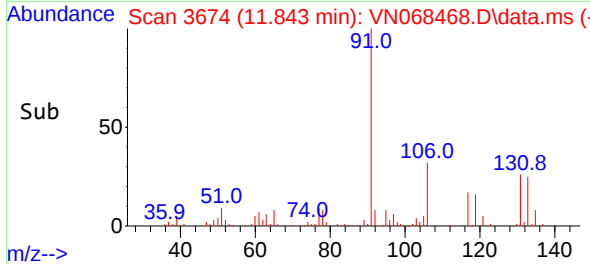
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



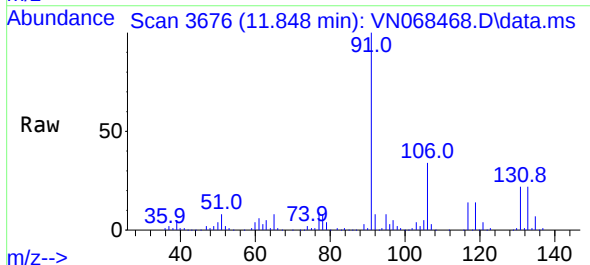
Tgt Ion:131 Resp: 13608
Ion Ratio Lower Upper
131 100
133 96.3 0.0 192.2
119 63.2 0.0 127.0

Manual Integrations
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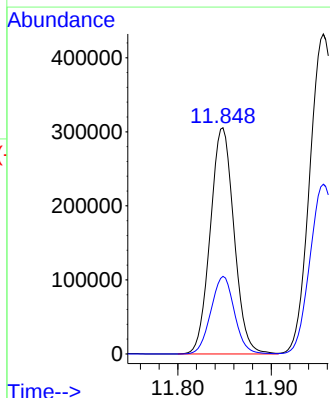
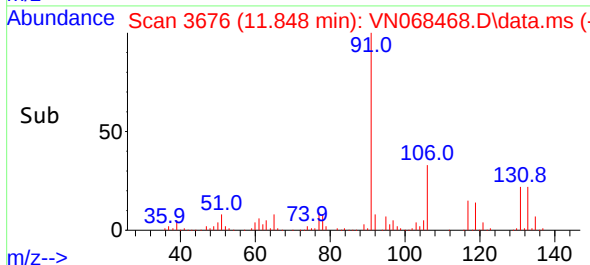
Reviewed By :John Carlone 09/15/2021
Supervised By :Mahesh Dadoda 09/15/2021

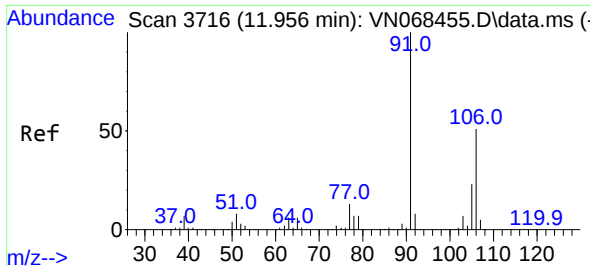


#66
Ethyl Benzene
Concen: 20.714 ug/l
RT: 11.848 min Scan# 3676
Delta R.T. -0.000 min
Lab File: VN068468.D
Acq: 14 Sep 2021 13:07



Tgt Ion: 91 Resp: 540754
Ion Ratio Lower Upper
91 100
106 34.3 27.2 40.8





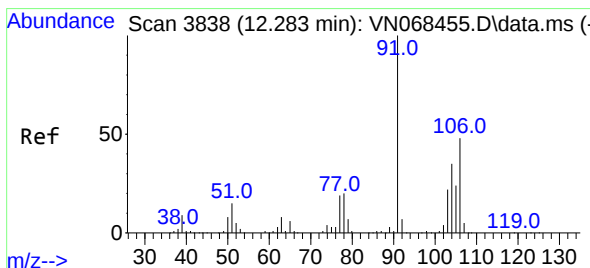
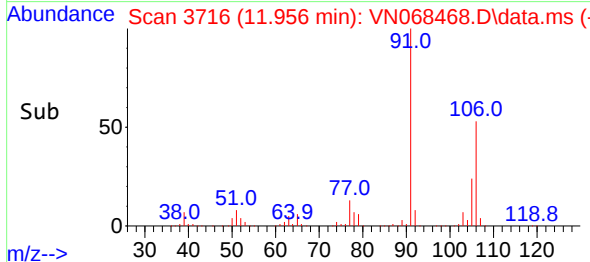
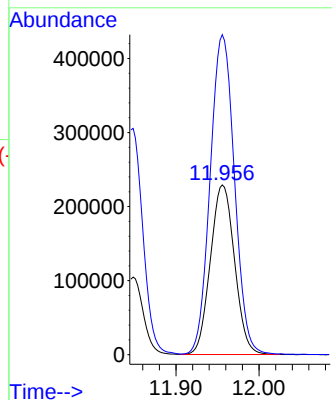
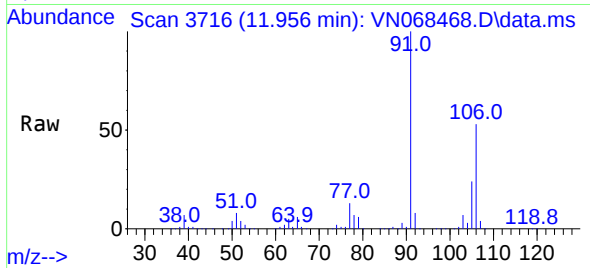
#67
m/p-Xylenes
Concen: 43.052 ug/l
RT: 11.956 min Scan# 3716
Delta R.T. -0.000 min
Lab File: VN068468.D
Acq: 14 Sep 2021 13:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion:106 Resp: 46328
Ion Ratio Lower Upper
106 100
91 189.5 152.7 229.1

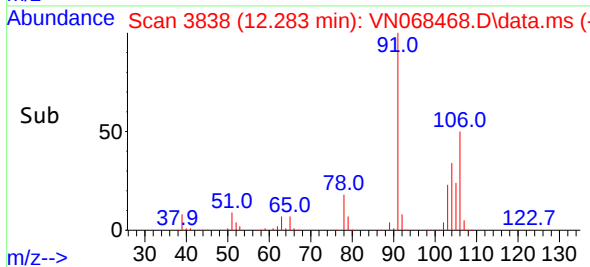
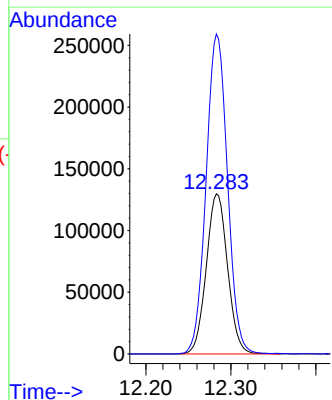
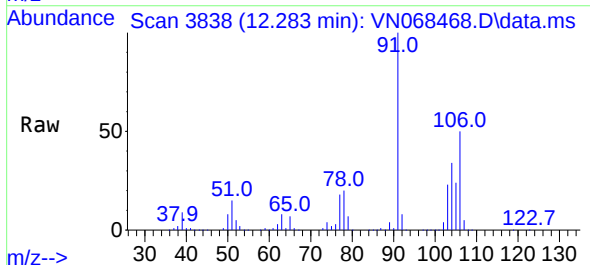
Manual Integrations
APPROVED

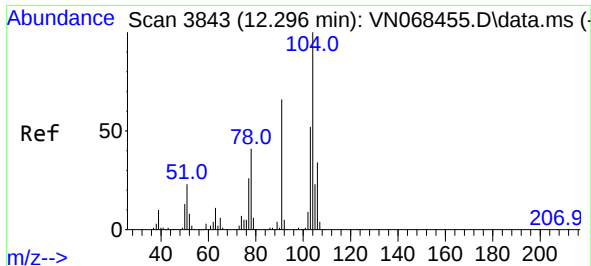
Reviewed By :John Carlone 09/15/2021
Supervised By :Mahesh Dadoda 09/15/2021



#68
o-Xylene
Concen: 21.271 ug/l
RT: 12.283 min Scan# 3838
Delta R.T. -0.000 min
Lab File: VN068468.D
Acq: 14 Sep 2021 13:07

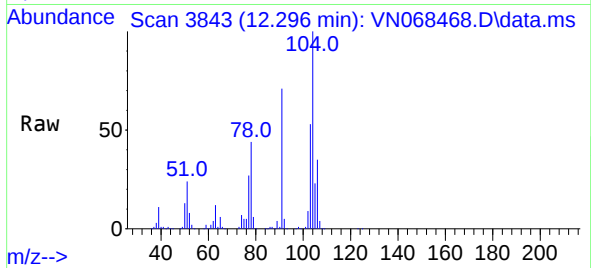
Tgt Ion:106 Resp: 225992
Ion Ratio Lower Upper
106 100
91 200.6 101.5 304.5





#69
Styrene
Concen: 20.756 ug/l
RT: 12.296 min Scan# 349678
Delta R.T. -0.000 min
Lab File: VN068468.D
Acq: 14 Sep 2021 13:07

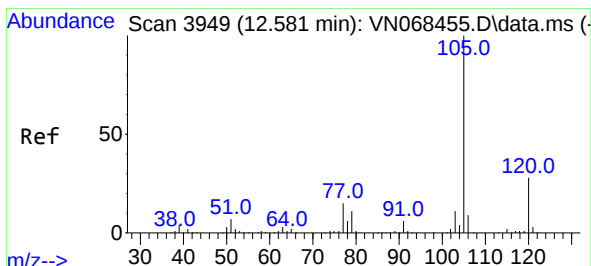
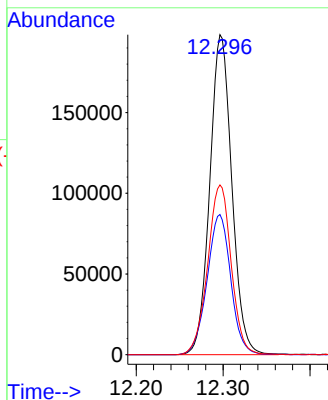
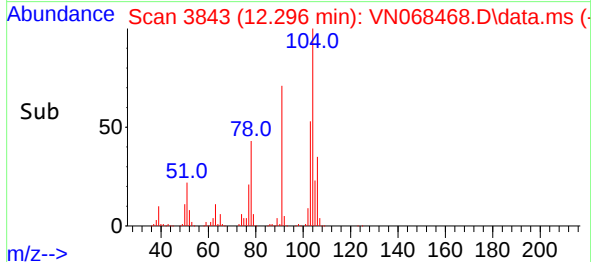
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



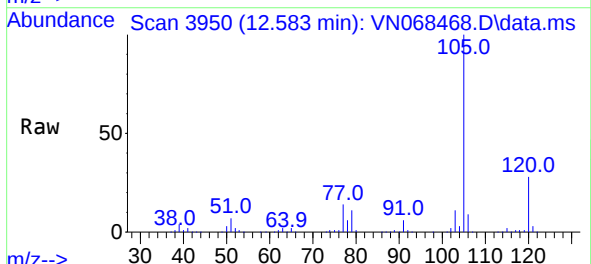
Tgt Ion:104 Resp: 349678
Ion Ratio Lower Upper
104 100
78 47.0 36.5 54.7
103 56.8 43.5 65.3

Manual Integrations
APPROVED

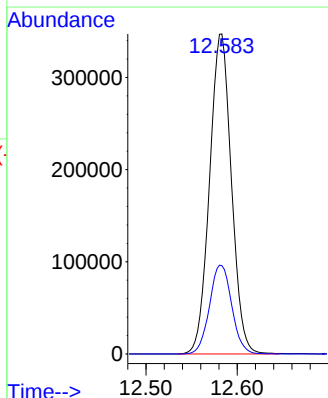
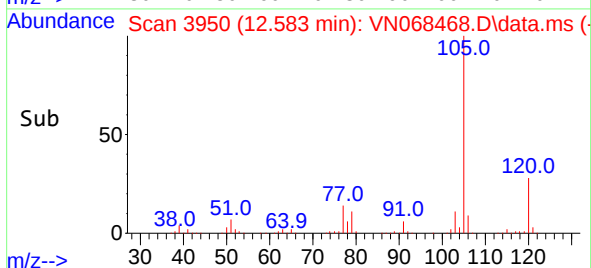
Reviewed By :John Carlone 09/15/2021
Supervised By :Mahesh Dadoda 09/15/2021

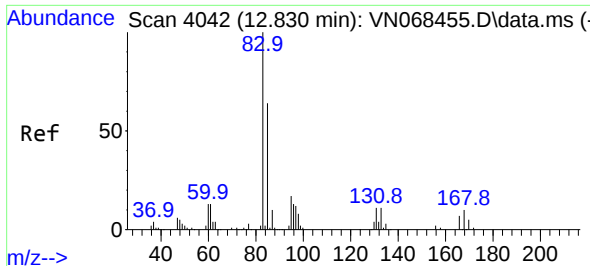


#70
Isopropylbenzene
Concen: 21.411 ug/l
RT: 12.583 min Scan# 3950
Delta R.T. 0.003 min
Lab File: VN068468.D
Acq: 14 Sep 2021 13:07



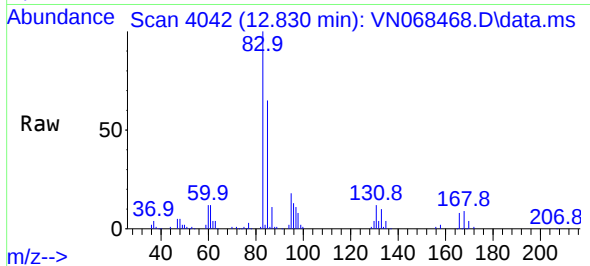
Tgt Ion:105 Resp: 577593
Ion Ratio Lower Upper
105 100
120 28.3 19.7 36.5





#71
1,1,2,2-Tetrachloroethane
Concen: 21.772 ug/l
RT: 12.830 min Scan# 4042
Delta R.T. -0.000 min
Lab File: VN068468.D
Acq: 14 Sep 2021 13:07

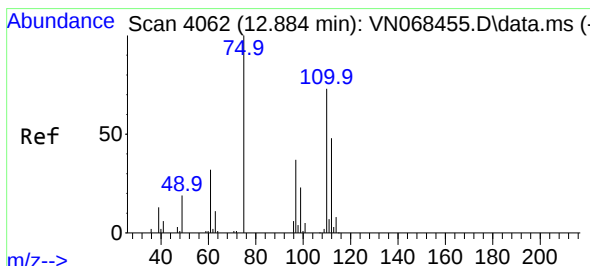
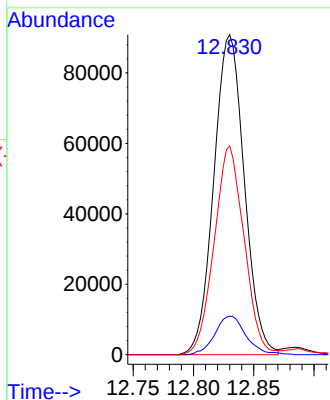
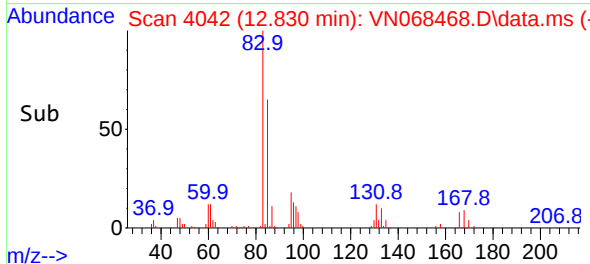
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



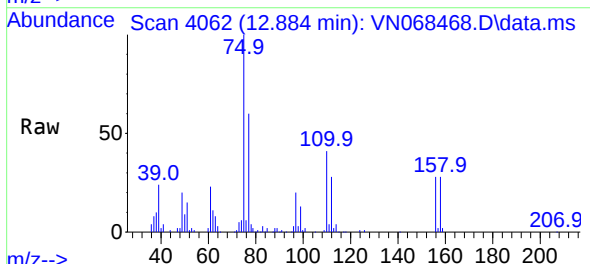
Tgt Ion: 83 Resp: 15986
Ion Ratio Lower Upper
83 100
131 12.3 5.9 17.7
85 63.9 31.9 95.9

Manual Integrations
APPROVED

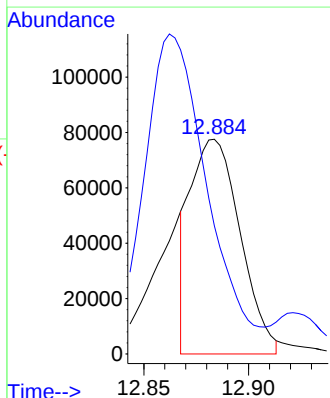
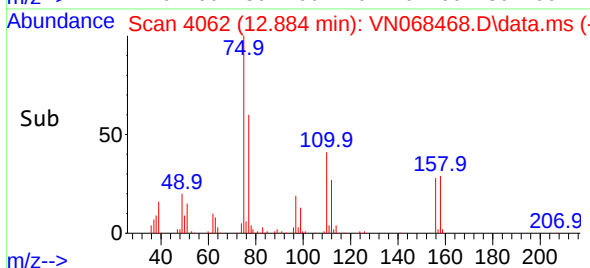
Reviewed By :John Carlone 09/15/2021
Supervised By :Mahesh Dadoda 09/15/2021

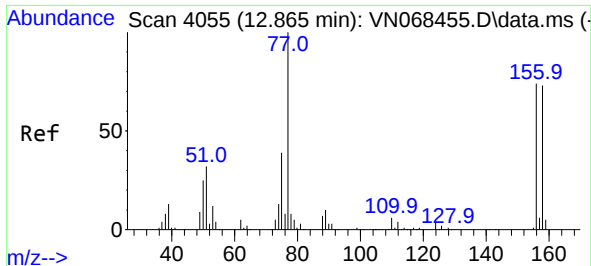


#72
1,2,3-Trichloropropane
Concen: 20.977 ug/l m
RT: 12.884 min Scan# 4062
Delta R.T. -0.000 min
Lab File: VN068468.D
Acq: 14 Sep 2021 13:07



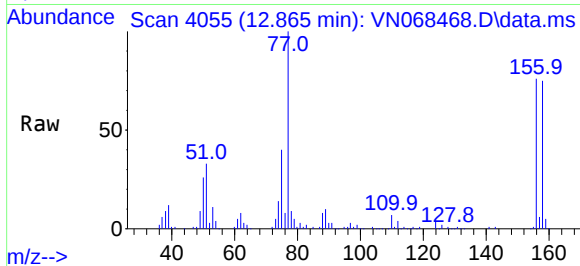
Tgt Ion: 75 Resp: 128226
Ion Ratio Lower Upper
75 100
77 190.2 0.0 357.6





#73
Bromobenzene
Concen: 20.404 ug/l
RT: 12.865 min Scan# 4055
Delta R.T. -0.000 min
Lab File: VN068468.D
Acq: 14 Sep 2021 13:07

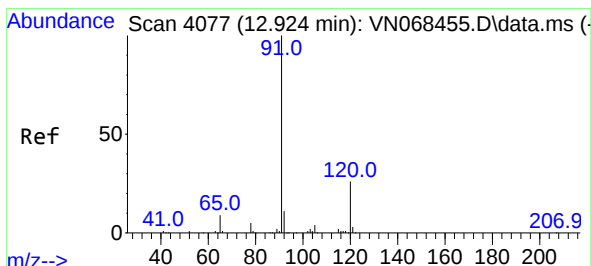
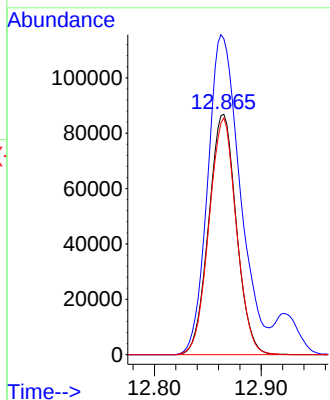
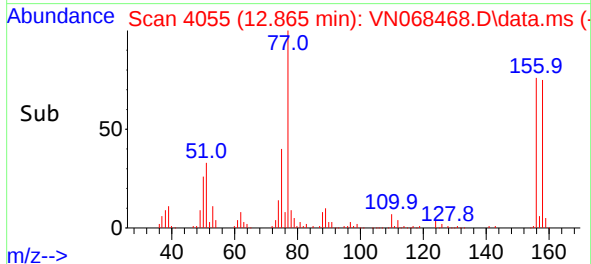
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



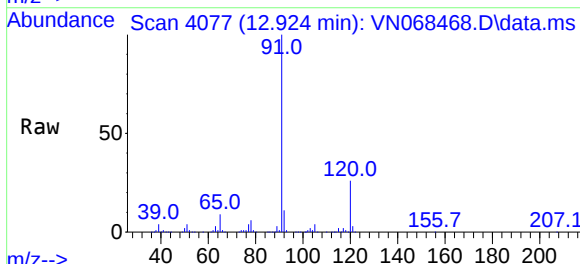
Tgt Ion:156 Resp: 156249
Ion Ratio Lower Upper
156 100
77 156.1 0.0 318.8
158 97.3 0.0 196.2

Manual Integrations
APPROVED

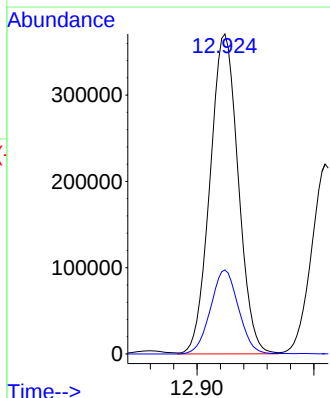
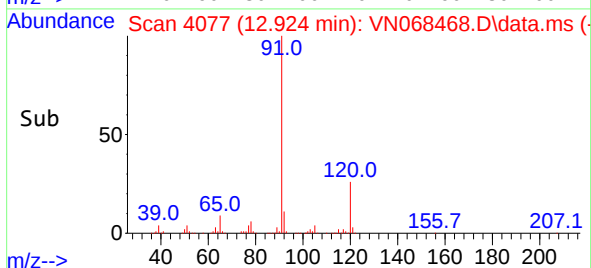
Reviewed By :John Carlone 09/15/2021
Supervised By :Mahesh Dadoda 09/15/2021

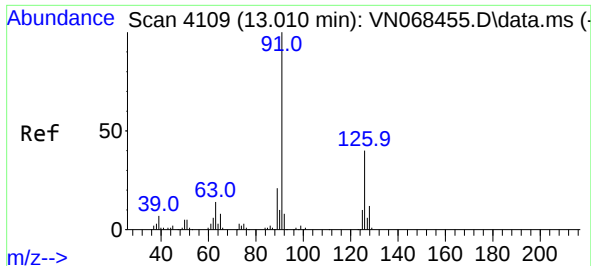


#74
n-propylbenzene
Concen: 21.374 ug/l
RT: 12.924 min Scan# 4077
Delta R.T. -0.000 min
Lab File: VN068468.D
Acq: 14 Sep 2021 13:07



Tgt Ion: 91 Resp: 621809
Ion Ratio Lower Upper
91 100
120 26.1 0.0 51.6





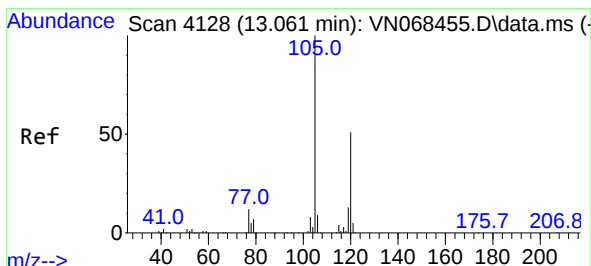
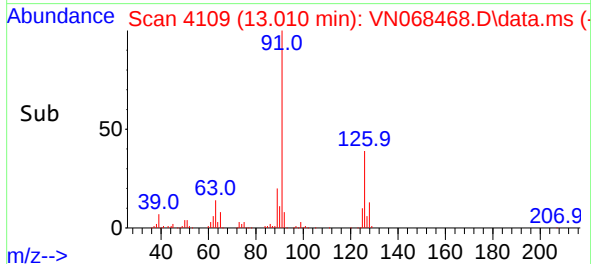
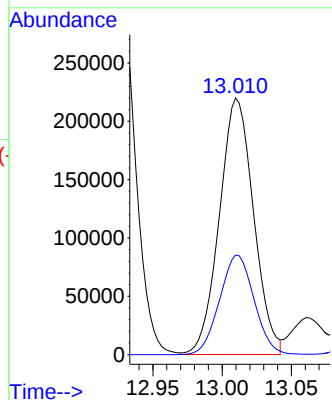
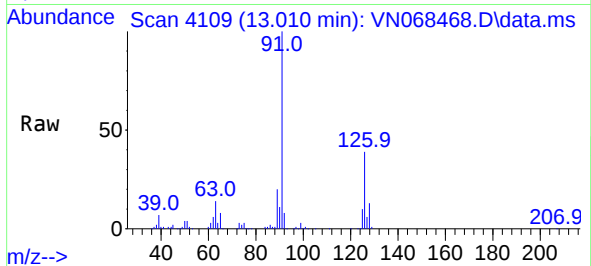
#75
2-Chlorotoluene
Concen: 21.614 ug/l
RT: 13.010 min Scan# 4109
Delta R.T. -0.000 min
Lab File: VN068468.D
Acq: 14 Sep 2021 13:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 91 Resp: 37843
Ion Ratio Lower Upper
91 100
126 39.2 0.0 77.2

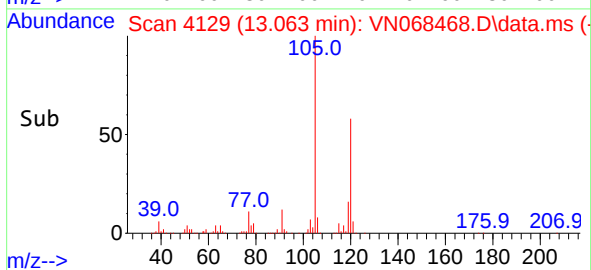
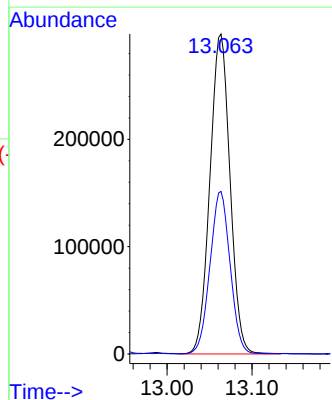
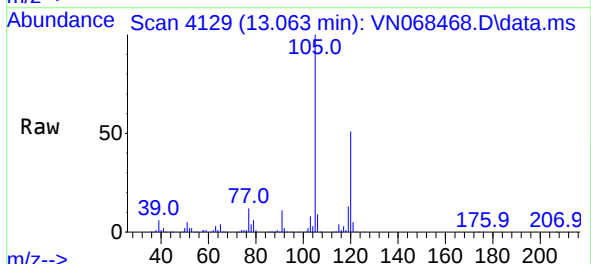
Manual Integrations
APPROVED

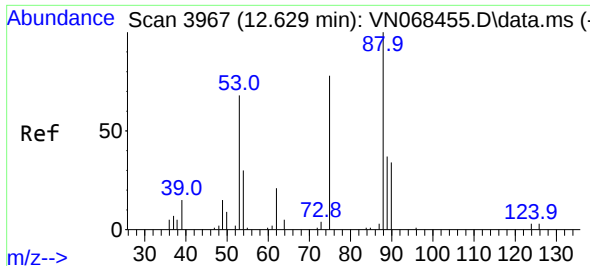
Reviewed By :John Carlone 09/15/2021
Supervised By :Mahesh Dadoda 09/15/2021



#76
1,3,5-Trimethylbenzene
Concen: 21.771 ug/l
RT: 13.063 min Scan# 4129
Delta R.T. 0.003 min
Lab File: VN068468.D
Acq: 14 Sep 2021 13:07

Tgt Ion:105 Resp: 490327
Ion Ratio Lower Upper
105 100
120 50.9 0.0 103.4





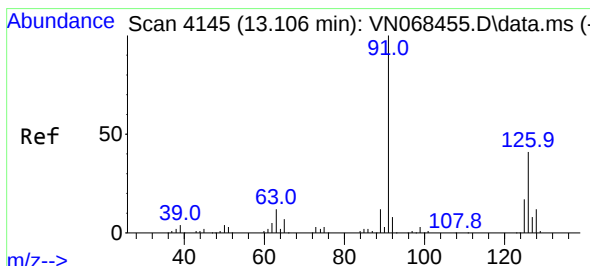
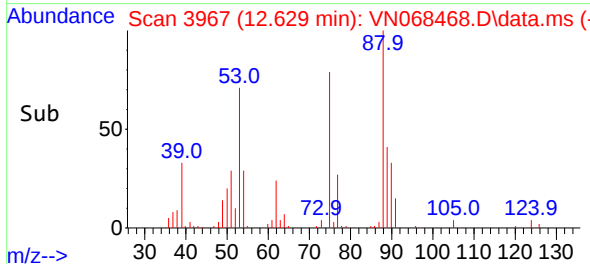
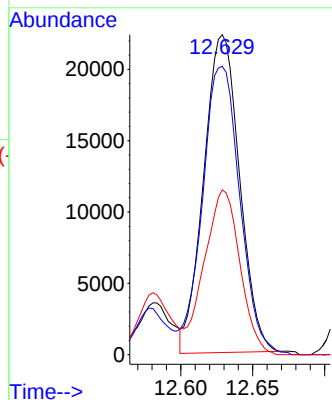
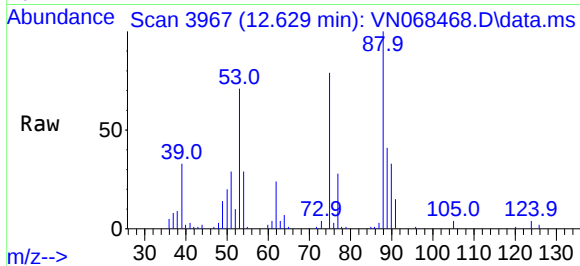
#77
t-1,4-Dichloro-2-butene
Concen: 19.145 ug/l
RT: 12.629 min Scan# 3967
Delta R.T. -0.000 min
Lab File: VN068468.D
Acq: 14 Sep 2021 13:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 75 Resp: 3861
Ion Ratio Lower Upper
75 100
53 90.2 43.8 131.4
89 52.0 26.2 78.6

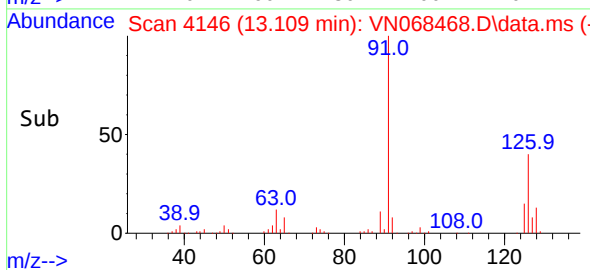
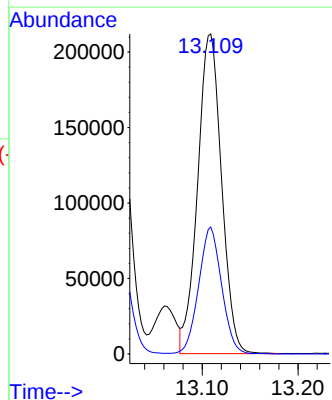
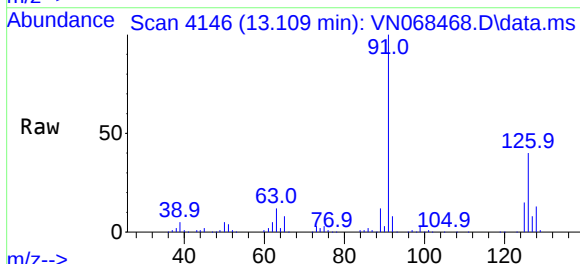
Manual Integrations
APPROVED

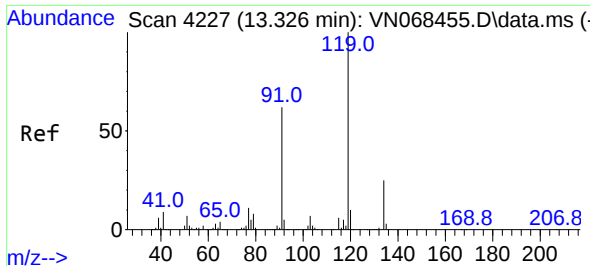
Reviewed By :John Carlone 09/15/2021
Supervised By :Mahesh Dadoda 09/15/2021



#78
4-Chlorotoluene
Concen: 21.846 ug/l
RT: 13.109 min Scan# 4146
Delta R.T. 0.003 min
Lab File: VN068468.D
Acq: 14 Sep 2021 13:07

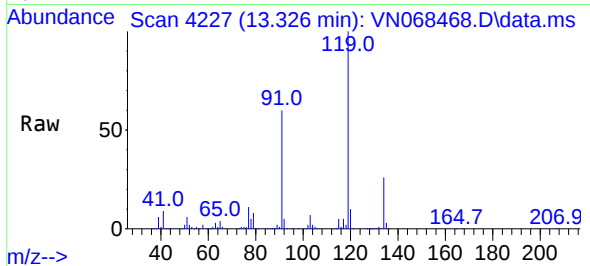
Tgt Ion: 91 Resp: 367068
Ion Ratio Lower Upper
91 100
126 38.2 0.0 77.8





#79
tert-butylbenzene
Concen: 21.559 ug/l
RT: 13.326 min Scan# 4227
Delta R.T. -0.000 min
Lab File: VN068468.D
Acq: 14 Sep 2021 13:07

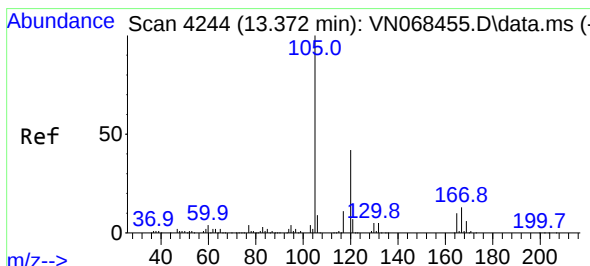
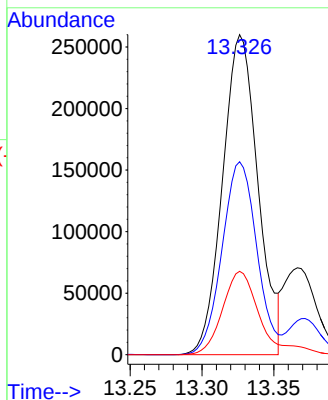
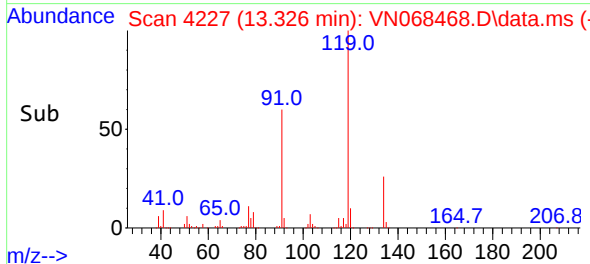
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



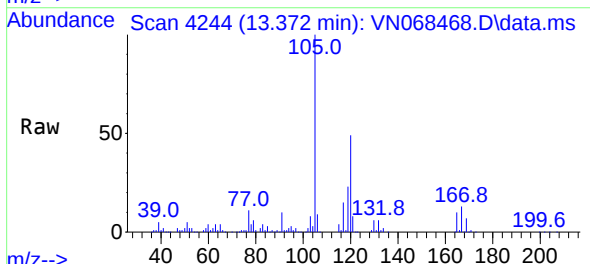
Tgt Ion:119 Resp: 446098
Ion Ratio Lower Upper
119 100
91 59.8 0.0 120.0
134 27.7 0.0 54.0

Manual Integrations
APPROVED

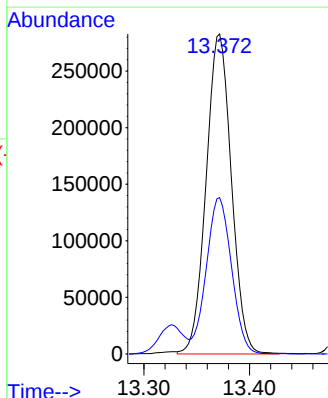
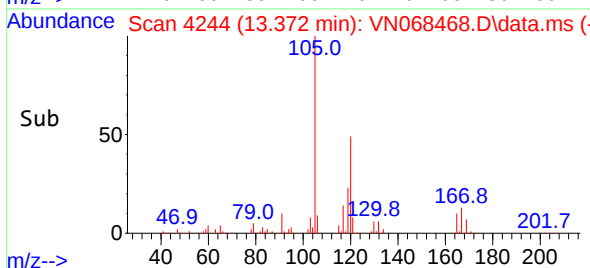
Reviewed By :John Carlone 09/15/2021
Supervised By :Mahesh Dadoda 09/15/2021

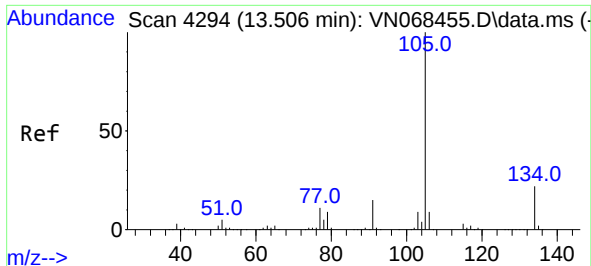


#80
1,2,4-Trimethylbenzene
Concen: 21.565 ug/l m
RT: 13.372 min Scan# 4244
Delta R.T. -0.000 min
Lab File: VN068468.D
Acq: 14 Sep 2021 13:07



Tgt Ion:105 Resp: 469897
Ion Ratio Lower Upper
105 100
120 0.2 0.0 0.4





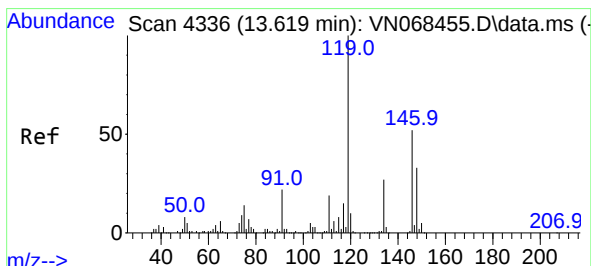
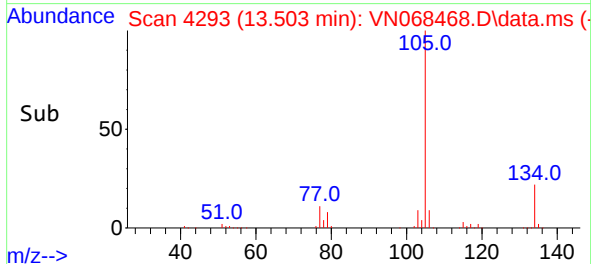
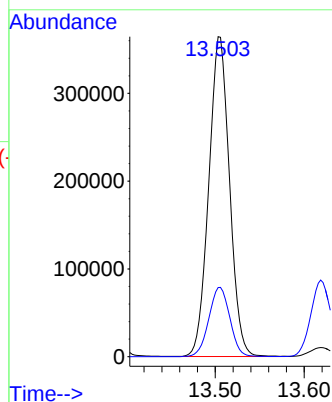
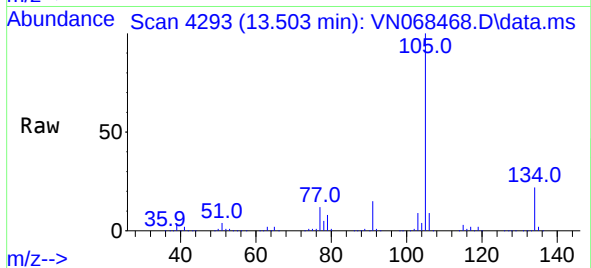
#81
 sec-Butylbenzene
 Concen: 21.534 ug/l
 RT: 13.503 min Scan# 4293
 Delta R.T. -0.003 min
 Lab File: VN068468.D
 Acq: 14 Sep 2021 13:07

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

Tgt Ion:105 Resp: 58897
 Ion Ratio Lower Upper
 105 100
 134 22.0 0.0 43.8

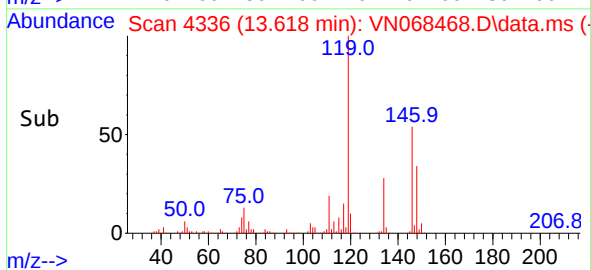
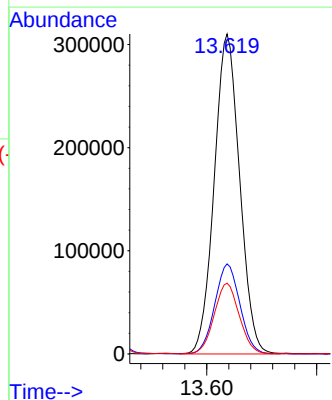
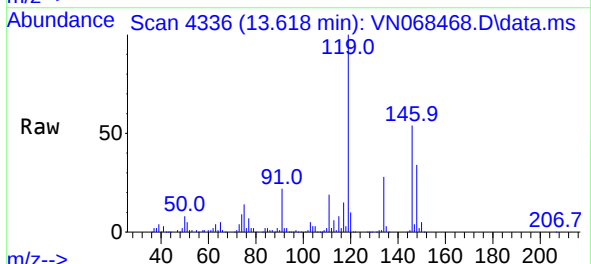
Manual Integrations
 APPROVED

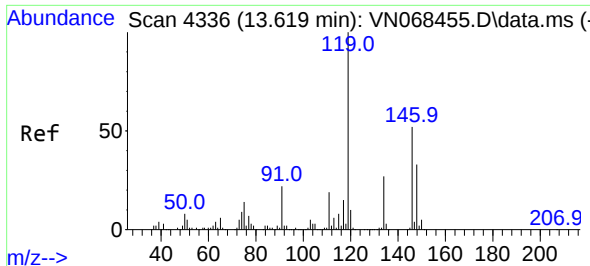
Reviewed By :John Carlone 09/15/2021
 Supervised By :Mahesh Dadoda 09/15/2021



#82
 p-Isopropyltoluene
 Concen: 21.205 ug/l
 RT: 13.618 min Scan# 4336
 Delta R.T. -0.000 min
 Lab File: VN068468.D
 Acq: 14 Sep 2021 13:07

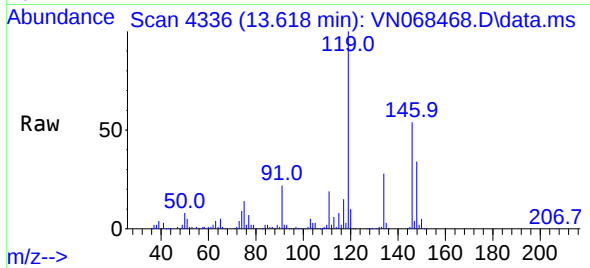
Tgt Ion:119 Resp: 497455
 Ion Ratio Lower Upper
 119 100
 134 27.7 0.0 55.4
 91 21.7 0.0 44.4





#83
1,3-Dichlorobenzene
Concen: 20.951 ug/l
RT: 13.618 min Scan# 4336
Delta R.T. -0.000 min
Lab File: VN068468.D
Acq: 14 Sep 2021 13:07

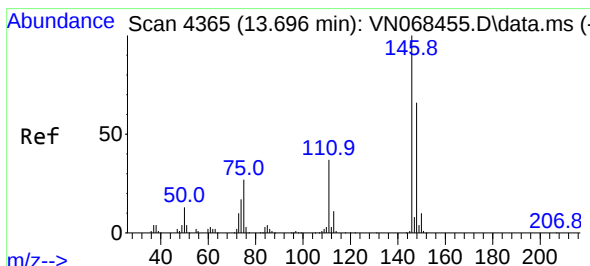
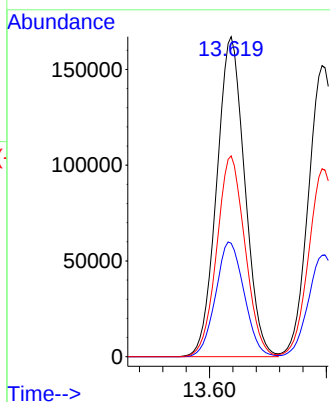
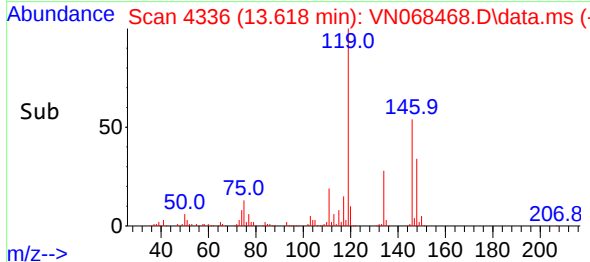
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



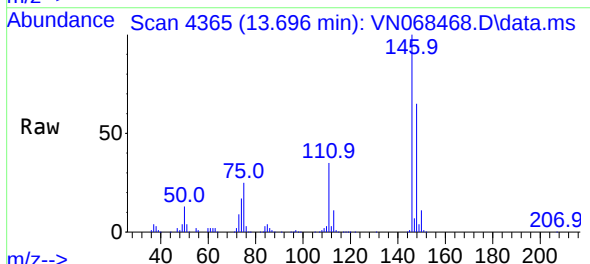
Tgt Ion:146 Resp: 278870
Ion Ratio Lower Upper
146 100
111 36.4 18.4 55.2
148 63.3 32.0 96.0

Manual Integrations
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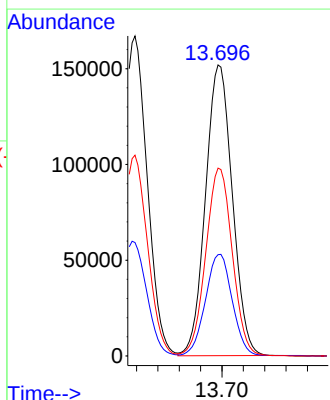
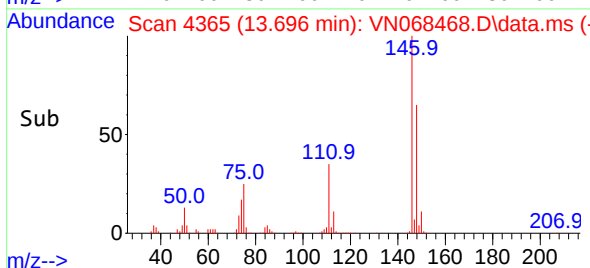
Reviewed By :John Carlone 09/15/2021
Supervised By :Mahesh Dadoda 09/15/2021

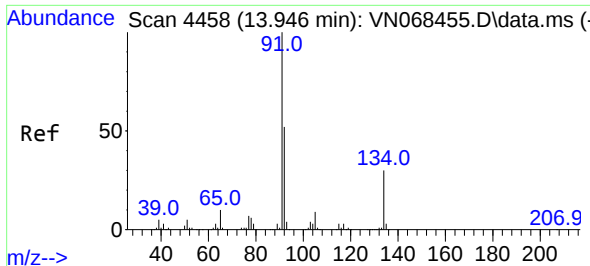


#84
1,4-Dichlorobenzene
Concen: 20.787 ug/l
RT: 13.696 min Scan# 4365
Delta R.T. -0.000 min
Lab File: VN068468.D
Acq: 14 Sep 2021 13:07



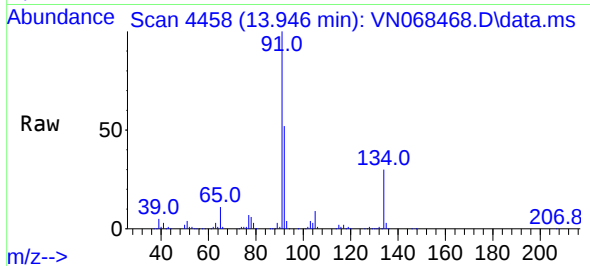
Tgt Ion:146 Resp: 265055
Ion Ratio Lower Upper
146 100
111 35.0 18.2 54.6
148 63.8 32.6 97.7





#85
n-Butylbenzene
Concen: 20.380 ug/l
RT: 13.946 min Scan# 4458
Delta R.T. -0.000 min
Lab File: VN068468.D
Acq: 14 Sep 2021 13:07

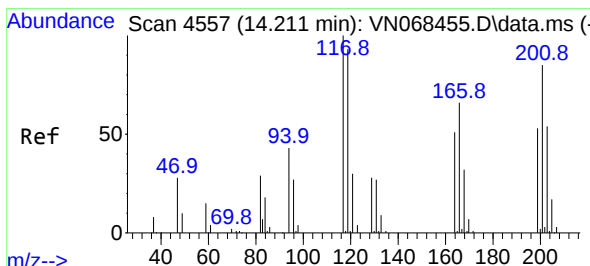
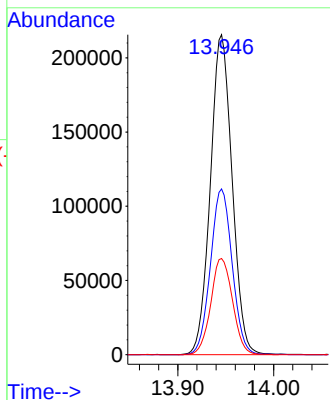
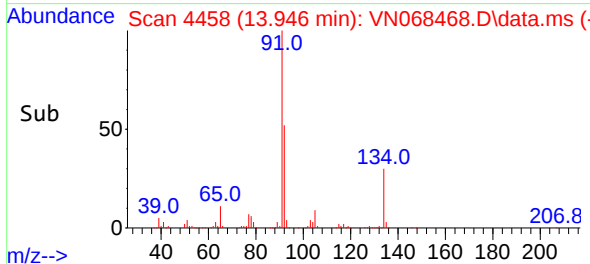
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



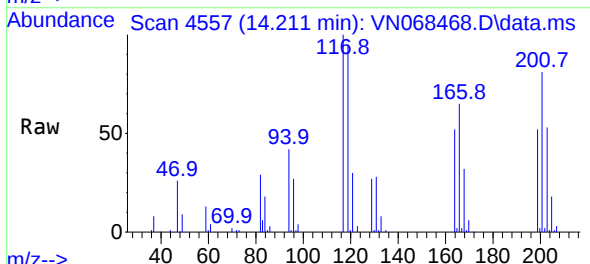
Tgt Ion: 91 Resp: 34007
Ion Ratio Lower Upper
91 100
92 51.8 0.0 102.4
134 30.1 0.0 58.8

Manual Integrations
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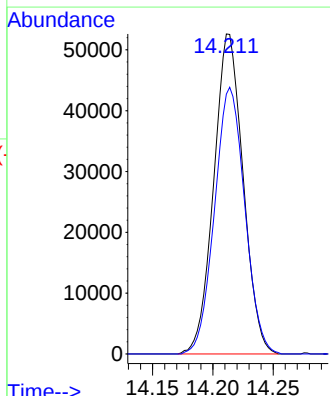
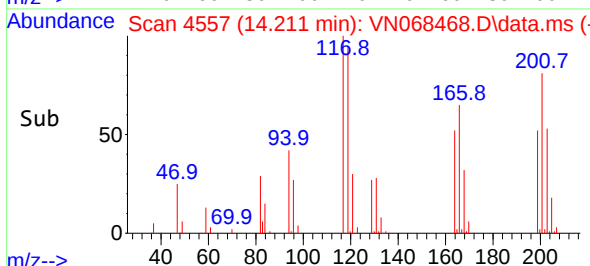
Reviewed By :John Carlone 09/15/2021
Supervised By :Mahesh Dadoda 09/15/2021

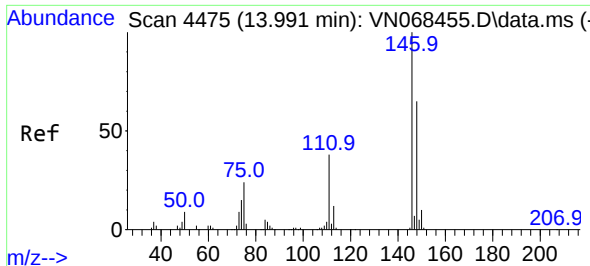


#86
Hexachloroethane
Concen: 20.661 ug/l
RT: 14.211 min Scan# 4557
Delta R.T. -0.000 min
Lab File: VN068468.D
Acq: 14 Sep 2021 13:07



Tgt Ion:117 Resp: 89033
Ion Ratio Lower Upper
117 100
201 85.8 43.6 130.8





#87

1,2-Dichlorobenzene

Concen: 20.943 ug/l

RT: 13.991 min Scan# 4475

Delta R.T. -0.000 min

Lab File: VN068468.D

Acq: 14 Sep 2021 13:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tgt Ion:146 Resp: 267880

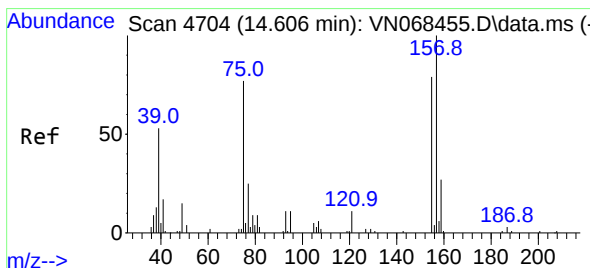
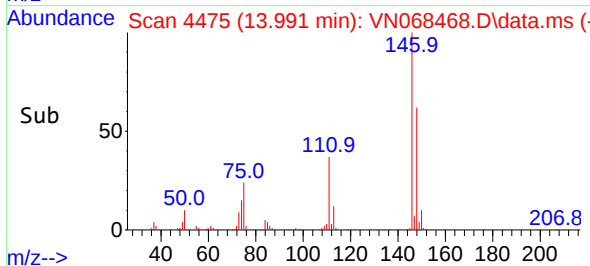
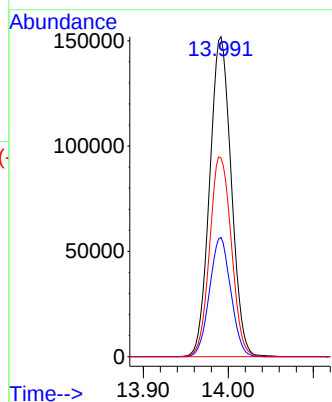
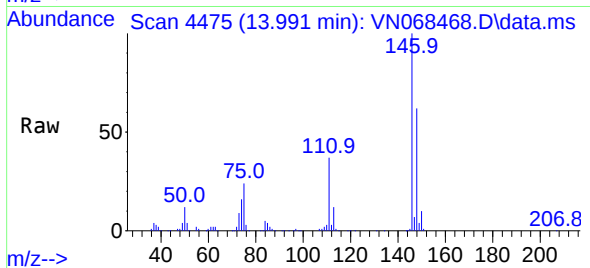
Ion	Ratio	Lower	Upper
146	100		
111	36.7	18.6	56.0
148	63.0	31.9	95.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/15/2021

Supervised By :Mahesh Dadoda 09/15/2021



#88

1,2-Dibromo-3-Chloropropane

Concen: 20.474 ug/l

RT: 14.605 min Scan# 4704

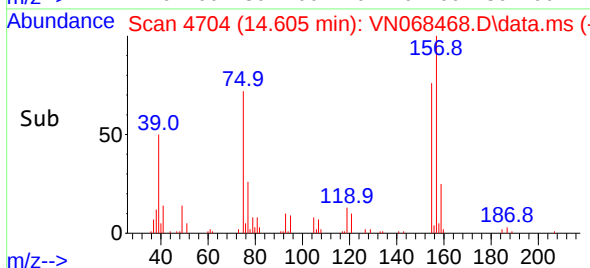
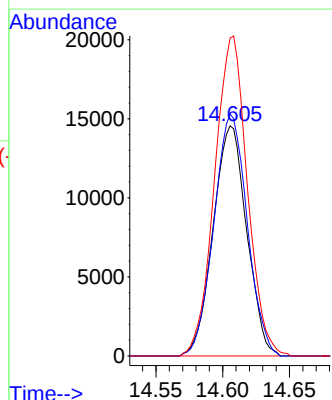
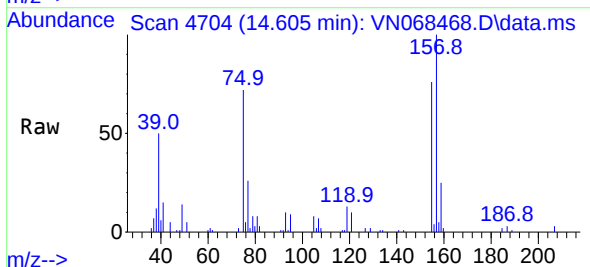
Delta R.T. -0.000 min

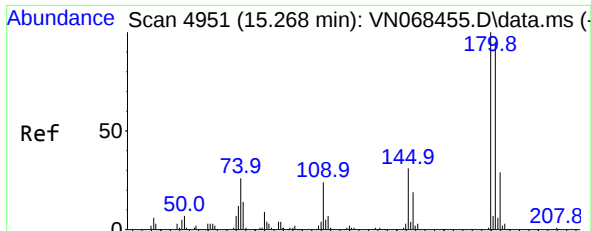
Lab File: VN068468.D

Acq: 14 Sep 2021 13:07

Tgt Ion: 75 Resp: 25421

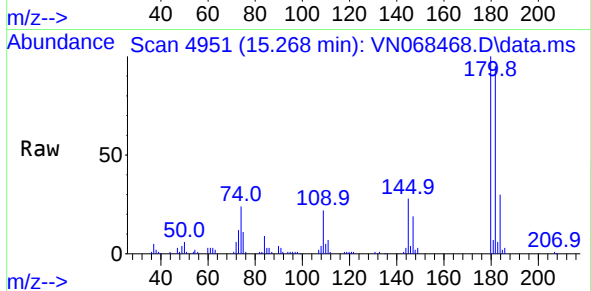
Ion	Ratio	Lower	Upper
75	100		
155	104.6	83.3	124.9
157	135.7	104.9	157.3





#89
1,2,4-Trichlorobenzene
Concen: 18.648 ug/l
RT: 15.268 min Scan# 4951
Delta R.T. -0.000 min
Lab File: VN068468.D
Acq: 14 Sep 2021 13:07

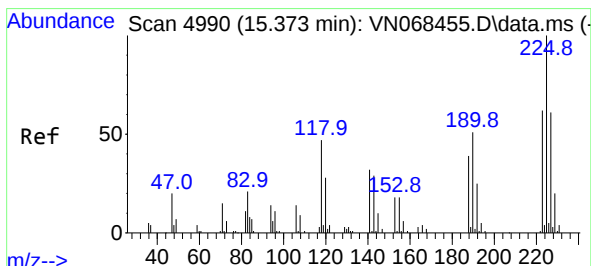
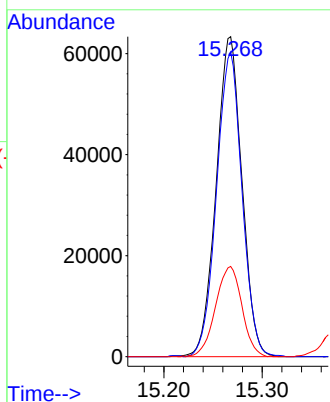
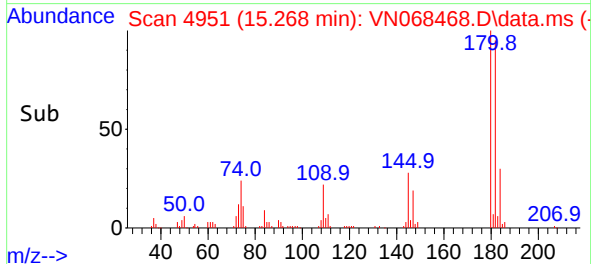
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



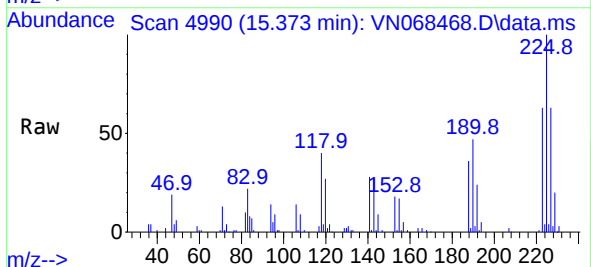
Tgt Ion:180 Resp: 11525
Ion Ratio Lower Upper
180 100
182 94.3 77.0 115.4
145 28.9 24.6 36.8

Manual Integrations
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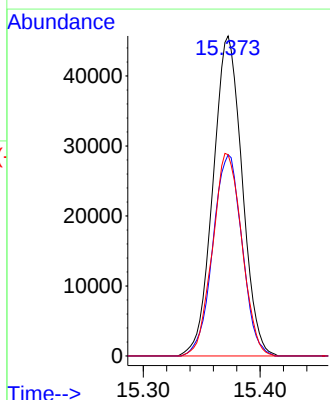
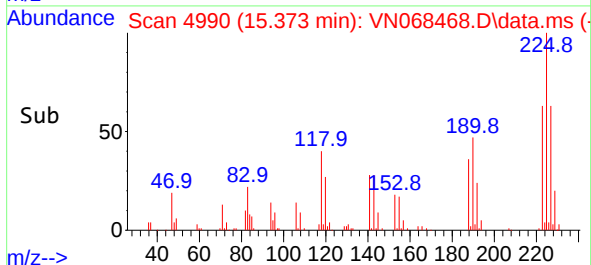
Reviewed By :John Carlone 09/15/2021
Supervised By :Mahesh Dadoda 09/15/2021

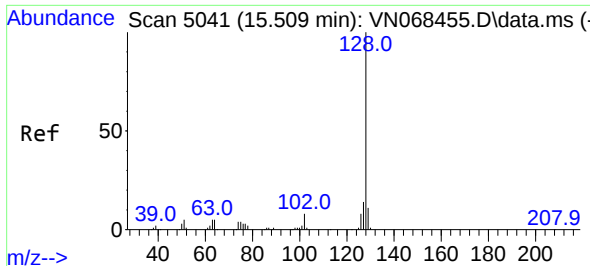


#90
Hexachlorobutadiene
Concen: 20.222 ug/l
RT: 15.373 min Scan# 4990
Delta R.T. -0.000 min
Lab File: VN068468.D
Acq: 14 Sep 2021 13:07



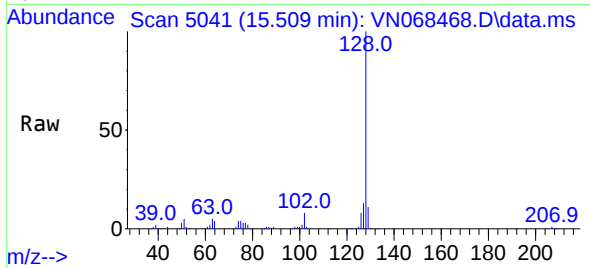
Tgt Ion:225 Resp: 79041
Ion Ratio Lower Upper
225 100
223 63.2 0.0 128.4
227 63.8 0.0 127.8





#91
Naphthalene
Concen: 17.421 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. -0.000 min
Lab File: VN068468.D
Acq: 14 Sep 2021 13:07

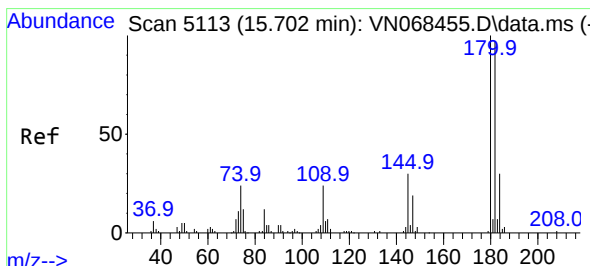
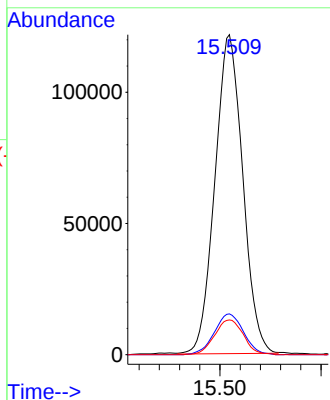
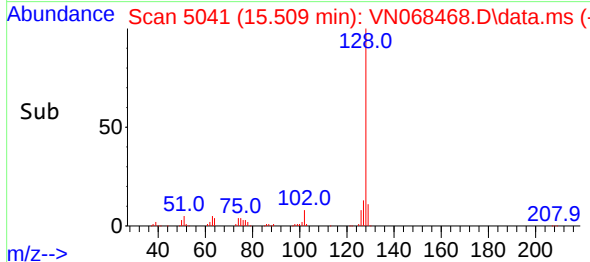
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



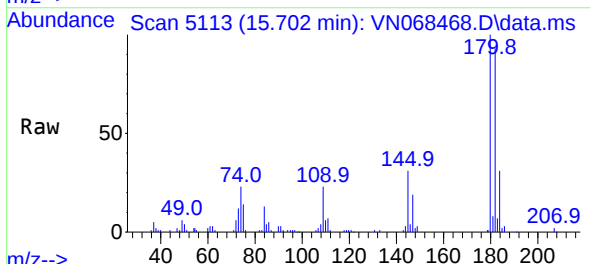
Tgt Ion:128 Resp: 23225
Ion Ratio Lower Upper
128 100
127 13.5 10.6 15.8
129 11.3 8.8 13.2

Manual Integrations
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Reviewed By :John Carlone 09/15/2021
Supervised By :Mahesh Dadoda 09/15/2021



#92
1,2,3-Trichlorobenzene
Concen: 18.680 ug/l
RT: 15.702 min Scan# 5113
Delta R.T. -0.000 min
Lab File: VN068468.D
Acq: 14 Sep 2021 13:07



Tgt Ion:180 Resp: 108721
Ion Ratio Lower Upper
180 100
182 95.9 0.0 191.2
145 31.5 0.0 61.8

