

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091321\
 Data File : VN068454.D
 Acq On : 13 Sep 2021 13:39
 Operator : JC/MD
 Sample : VSTDICC005
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

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

Quant Time: Sep 14 04:09:23 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N091321W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Sep 14 04:08:29 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.659	128	91494	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.971	114	489600	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.747	117	435508	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.440	65	176334	32.634	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 108.767%			
60) 4-Bromofluorobenzene	12.734	95	177561	28.604	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 95.333%			
63) Toluene-d8	10.443	98	594925	31.401	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 104.667%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.073	85	18836	4.520	ug/l	99
3) Chloromethane	2.303	50	22084	5.478	ug/l	93
4) Vinyl Chloride	2.443	62	35066	5.488	ug/l	99
5) Bromomethane	2.848	94	41289	6.506	ug/l	95
6) Chloroethane	3.017	64	26817	5.881	ug/l	99
7) Trichlorofluoromethane	3.374	101	42841	5.440	ug/l	99
8) Diethyl Ether	3.829	74	12856m	5.175	ug/l	
9) 1,1,2-Trichlorotrifluo...	4.218	101	25789	5.749	ug/l	97
10) 1,1-Dichloroethene	4.183	96	22616	5.424	ug/l	96
11) Methyl Iodide	4.422	142	26638	4.115	ug/l	97
12) Methyl Acetate	4.859	43	23868	5.500	ug/l	92
13) Acrolein	4.044	56	11007	31.558	ug/l	98
14) Acrylonitrile	5.557	53	47380	25.211	ug/l	92
15) Acetone	4.299	58	13680	26.711	ug/l	97
16) Carbon Disulfide	4.532	76	57718	5.364	ug/l	98
17) Allyl chloride	4.846	41	26016	4.997	ug/l	98
18) Methylene Chloride	5.103	84	30634	6.138	ug/l	95
19) trans-1,2-Dichloroethene	5.602	96	24192m	5.172	ug/l	
20) Diisopropyl ether	6.495	45	60740	5.260	ug/l	98
21) 1,1-Dichloroethane	6.391	63	42363	5.520	ug/l	96
22) cis-1,2-Dichloroethene	7.329	96	29393	5.235	ug/l	98
23) tert-Butyl Alcohol	5.369	59	21321m	28.074	ug/l	
24) Methyl tert-Butyl Ether	5.621	73	72721	5.122	ug/l #	79
25) Chloroform	7.823	83	51361	5.592	ug/l	95
26) Cyclohexane	8.099	56	34334	5.291	ug/l #	99
29) 1,1-Dichloropropene	8.223	75	33774	5.149	ug/l	100
30) 2-Butanone	7.337	43	64744	25.859	ug/l #	99
31) 2,2-Dichloropropane	7.324	77	40332	5.343	ug/l	100
32) 1,1,1-Trichloroethane	8.016	97	46062	5.171	ug/l	99
33) Carbon Tetrachloride	8.206	117	42398	5.092	ug/l	99
34) Benzene	8.464	78	103984	5.198	ug/l #	90
35) Methacrylonitrile	7.638	41	12678	5.250	ug/l	96
36) 1,2-Dichloroethane	8.531	62	36319	5.393	ug/l	100
37) Trichloroethene	9.220	130	33718	5.244	ug/l	98
38) Methylcyclohexane	9.462	83	41354	4.904	ug/l	98
39) 1,2-Dichloropropane	9.491	63	24975	5.305	ug/l	96
40) Dibromomethane	9.580	93	20304	5.249	ug/l	95
41) Bromodichloromethane	9.762	83	38226	5.113	ug/l #	95
42) Vinyl Acetate	6.436	43	227355m	25.275	ug/l	

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 Misc : 5.00mL/MSVOA_N/WATER
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Instrument :
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 ClientSampleId :
 VSTDICC005

Manual Integrations
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Quant Time: Sep 14 04:09:23 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	7.415	43	28807m	5.303	ug/l	
44) Isopropyl Acetate	8.563	43	45742	5.070	ug/l	99
45) 1,4-Dioxane	9.574	88	8192	89.624	ug/l #	91
46) Methyl methacrylate	9.561	41	17664	4.831	ug/l	92
47) n-amyl Acetate	12.393	43	25796	4.064	ug/l	97
48) t-1,3-Dichloropropene	10.719	75	35782	4.727	ug/l	96
49) cis-1,3-Dichloropropene	10.191	75	40402	4.967	ug/l	98
50) 1,1,2-Trichloroethane	10.902	97	28851	5.161	ug/l	98
51) Ethyl methacrylate	10.765	69	31803	4.431	ug/l	91
52) 1,3-Dichloropropane	11.047	76	42639	5.129	ug/l	99
53) Dibromochloromethane	11.240	129	31667	4.607	ug/l	98
54) 1,2-Dibromoethane	11.347	107	29293	4.886	ug/l	97
55) 2-Chloroethyl vinyl ether	10.044	63	21730	17.884	ug/l	98
56) Bromoform	12.460	173	22269	4.033	ug/l #	99
58) 4-Methyl-2-Pentanone	10.333	43	132127	25.772	ug/l	98
59) 2-Hexanone	11.090	43	89746	25.259	ug/l	94
61) Tetrachloroethene	10.980	164	33291	5.316	ug/l	95
62) Toluene	10.508	91	124203	5.419	ug/l	100
64) Chlorobenzene	11.773	112	79322	5.247	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.846	131	31126	5.045	ug/l	98
66) Ethyl Benzene	11.849	91	126847	5.092	ug/l	98
67) m/p-Xylenes	11.956	106	98685	9.611	ug/l	97
68) o-Xylene	12.283	106	49276	4.860	ug/l	99
69) Styrene	12.296	104	72751	4.525	ug/l	97
70) Isopropylbenzene	12.581	105	121886	4.735	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.830	83	35742	5.101	ug/l	96
72) 1,2,3-Trichloropropane	12.884	75	28677m	5.091	ug/l	
73) Bromobenzene	12.865	156	34300	4.694	ug/l	97
74) n-propylbenzene	12.924	91	132791	4.783	ug/l	98
75) 2-Chlorotoluene	13.010	91	84307	5.046	ug/l	98
76) 1,3,5-Trimethylbenzene	13.061	105	101064	4.702	ug/l	97
77) t-1,4-Dichloro-2-butene	12.626	75	8277	4.300	ug/l	88
78) 4-Chlorotoluene	13.109	91	77618	4.841	ug/l	99
79) tert-butylbenzene	13.326	119	89892	4.553	ug/l	95
80) 1,2,4-Trimethylbenzene	13.372	105	95796m	3.814	ug/l	
81) sec-Butylbenzene	13.503	105	118403	4.537	ug/l	99
82) p-Isopropyltoluene	13.619	119	96868	4.327	ug/l	99
83) 1,3-Dichlorobenzene	13.619	146	57827	4.553	ug/l	98
84) 1,4-Dichlorobenzene	13.696	146	54440	4.474	ug/l	98
85) n-Butylbenzene	13.946	91	68872	4.325	ug/l	98
86) Hexachloroethane	14.211	117	18318	4.455	ug/l	96
87) 1,2-Dichlorobenzene	13.991	146	55461	4.544	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.606	75	5593	4.721	ug/l	89
89) 1,2,4-Trichlorobenzene	15.268	180	21955	3.723	ug/l	99
90) Hexachlorobutadiene	15.375	225	16158	4.332	ug/l	97
91) Naphthalene	15.509	128	48037	3.776	ug/l #	94
92) 1,2,3-Trichlorobenzene	15.703	180	21479	3.867	ug/l	98

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

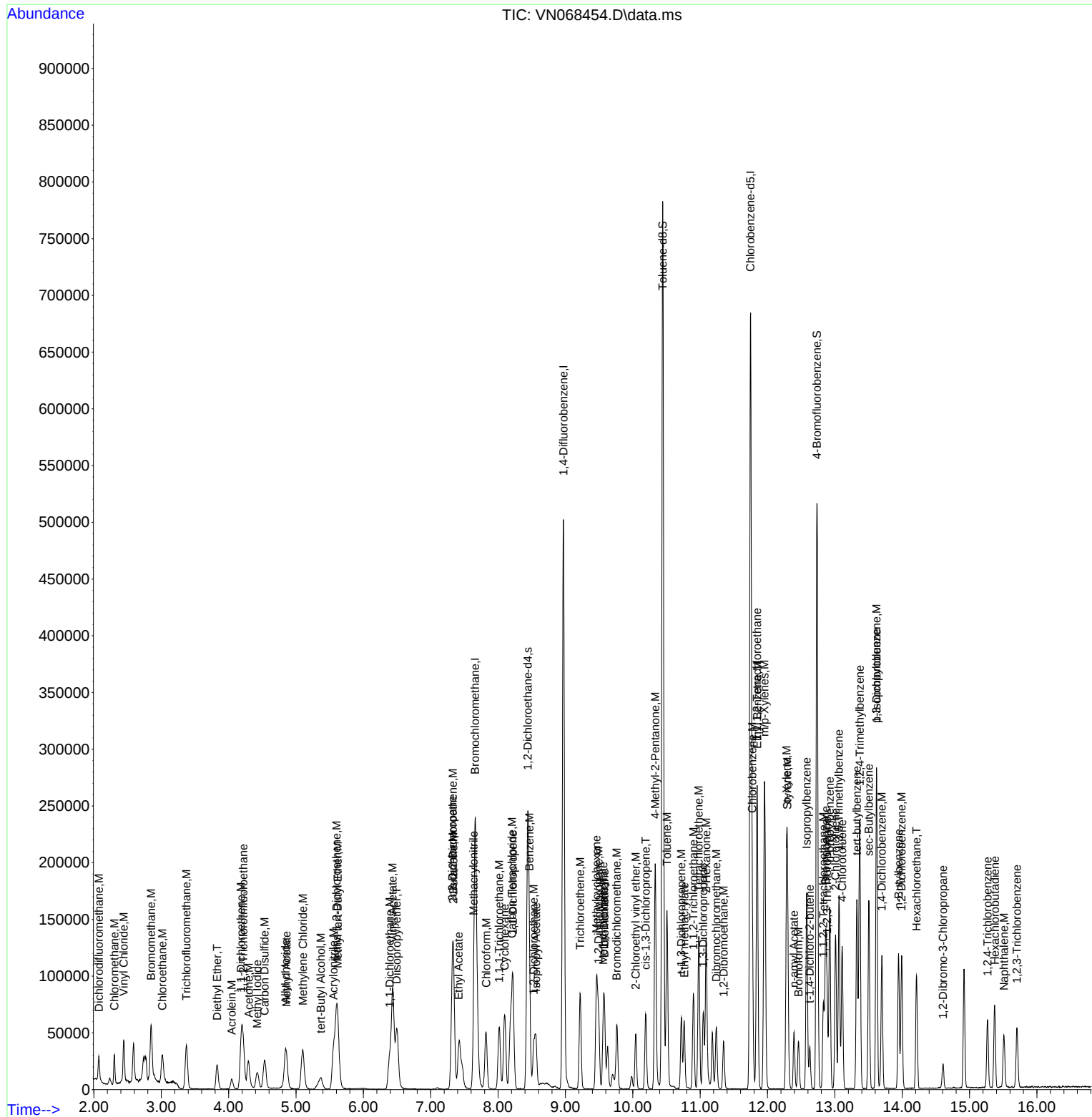
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Data File : VN068454.D
Acq On : 13 Sep 2021 13:39
Operator : JC/MD
Sample : VSTDIC005
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

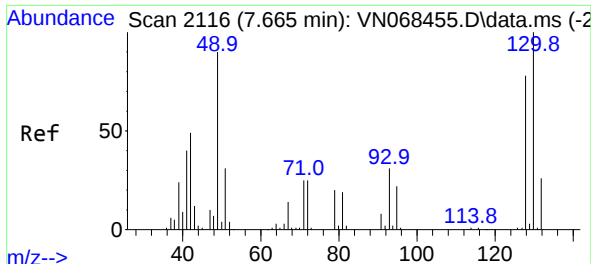
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MSVOA_N
ClientSampleId :
VSTDIC005

Manual Integrations
APPROVED

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

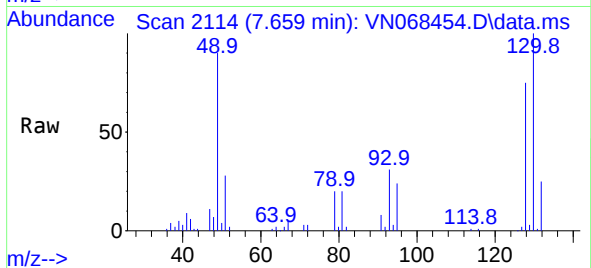
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N091321W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Tue Sep 14 04:08:29 2021
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.659 min Scan# 2114
Delta R.T. -0.006 min
Lab File: VN068454.D
Acq: 13 Sep 2021 13:39

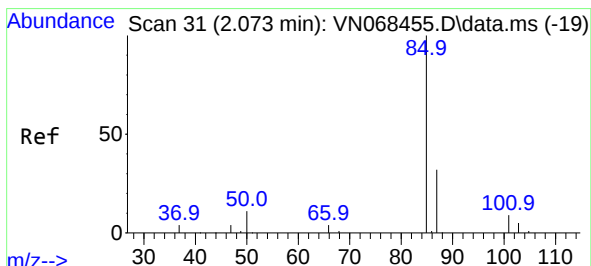
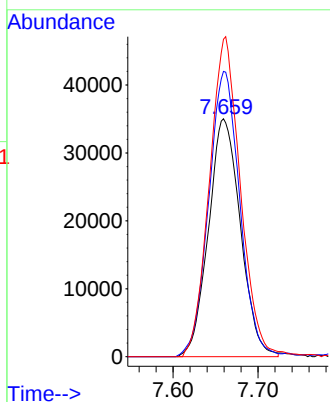
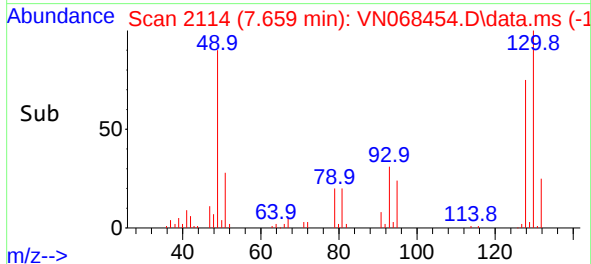
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



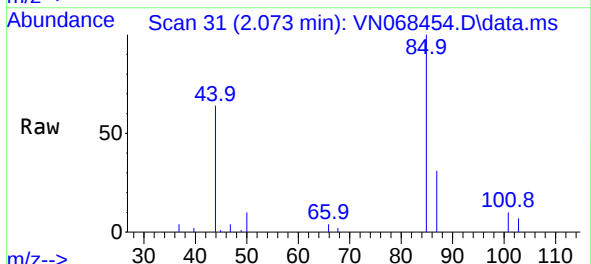
Tgt Ion:128 Resp: 91494
Ion Ratio Lower Upper
128 100
49 116.8 0.0 292.5
130 129.9 0.0 325.0

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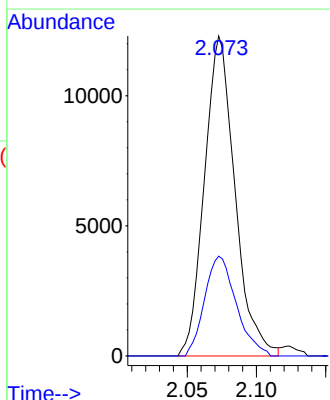
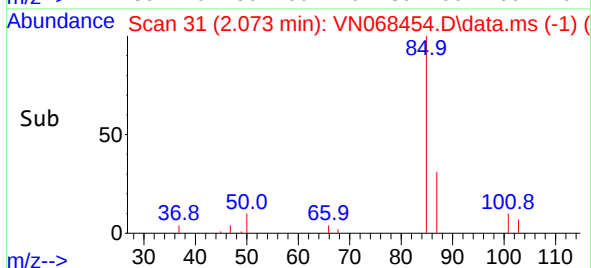
Reviewed By :John Carlone 09/14/2021
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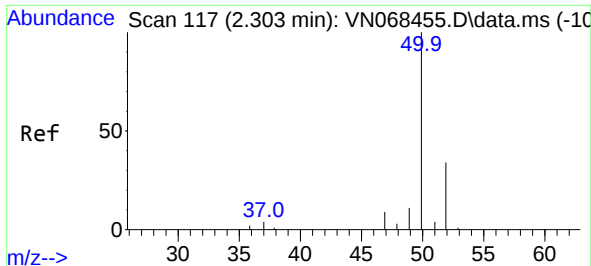


#2
Dichlorodifluoromethane
Concen: 4.520 ug/l
RT: 2.073 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN068454.D
Acq: 13 Sep 2021 13:39



Tgt Ion: 85 Resp: 18836
Ion Ratio Lower Upper
85 100
87 31.2 15.8 47.3





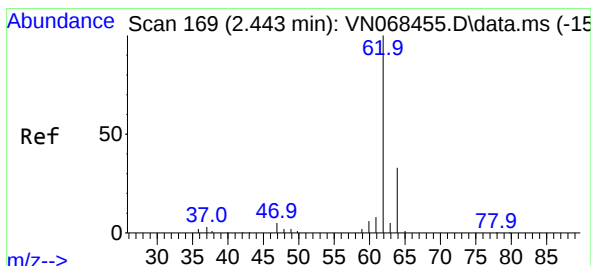
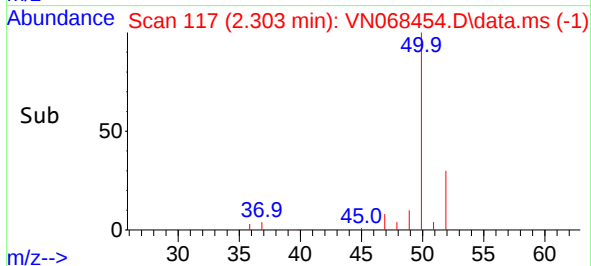
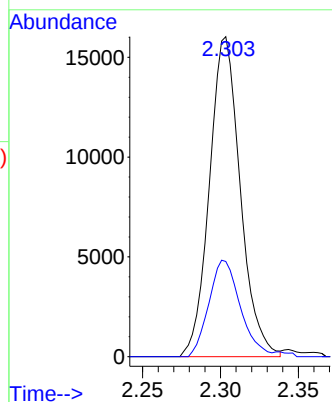
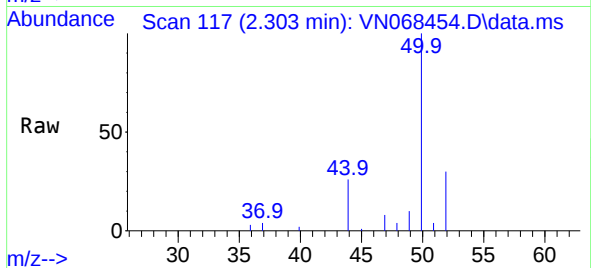
#3
Chloromethane
Concen: 5.478 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN068454.D
Acq: 13 Sep 2021 13:39

Instrument :
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ClientSampleId :
VSTDICC005

Tgt Ion: 50 Resp: 22084
Ion Ratio Lower Upper
50 100
52 29.7 27.0 40.4

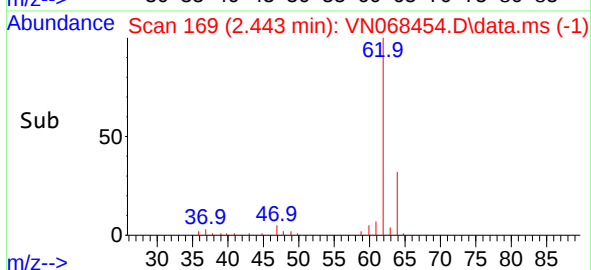
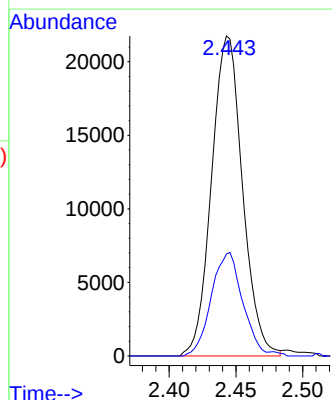
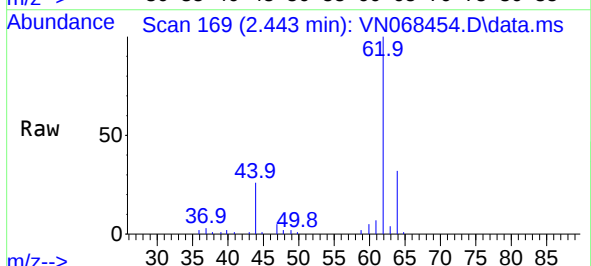
Manual Integrations
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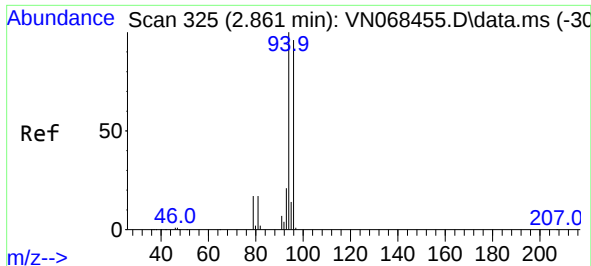
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021



#4
Vinyl Chloride
Concen: 5.488 ug/l
RT: 2.443 min Scan# 169
Delta R.T. 0.000 min
Lab File: VN068454.D
Acq: 13 Sep 2021 13:39

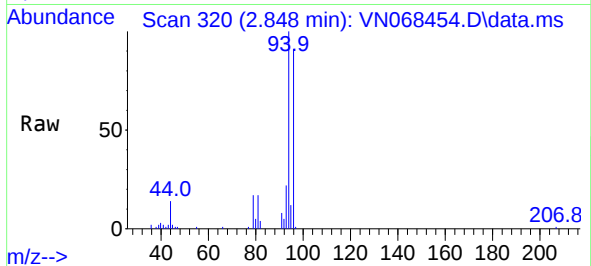
Tgt Ion: 62 Resp: 35066
Ion Ratio Lower Upper
62 100
64 31.9 26.1 39.1





#5
Bromomethane
Concen: 6.506 ug/l
RT: 2.848 min Scan# 31
Delta R.T. -0.013 min
Lab File: VN068454.D
Acq: 13 Sep 2021 13:39

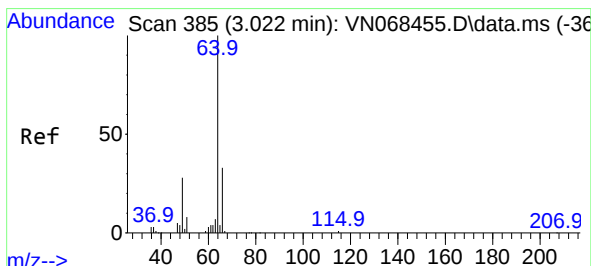
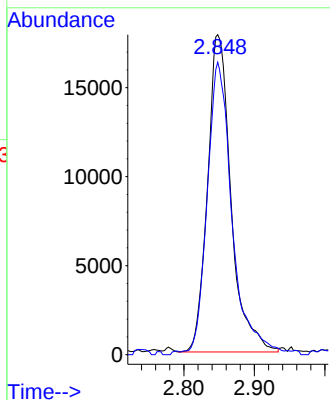
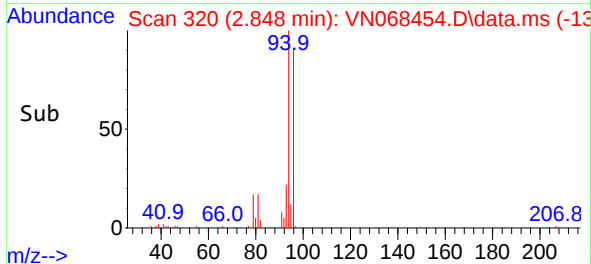
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion: 94 Resp: 41289
Ion Ratio Lower Upper
94 100
96 91.1 77.0 115.4

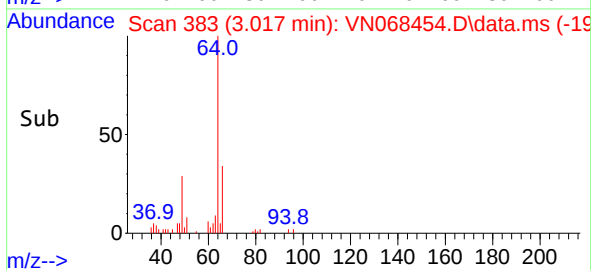
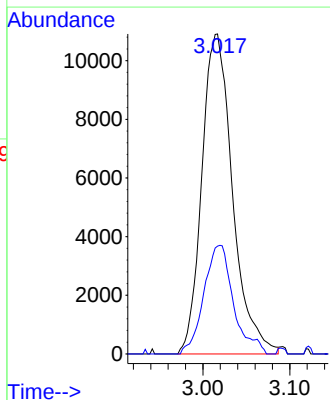
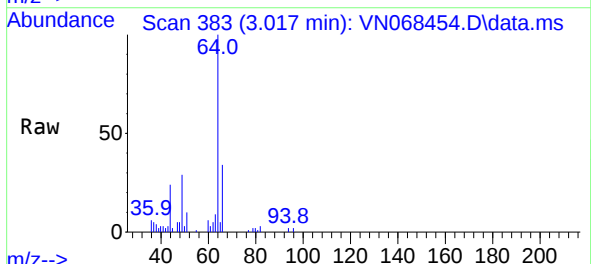
Manual Integrations
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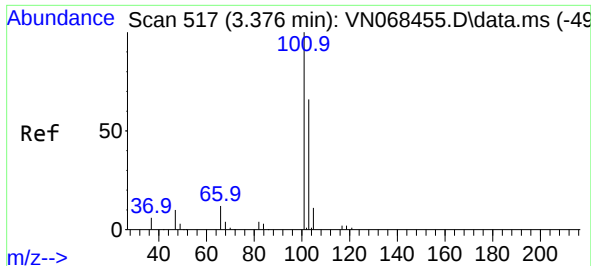
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021



#6
Chloroethane
Concen: 5.881 ug/l
RT: 3.017 min Scan# 383
Delta R.T. -0.005 min
Lab File: VN068454.D
Acq: 13 Sep 2021 13:39

Tgt Ion: 64 Resp: 26817
Ion Ratio Lower Upper
64 100
66 33.7 26.3 39.5





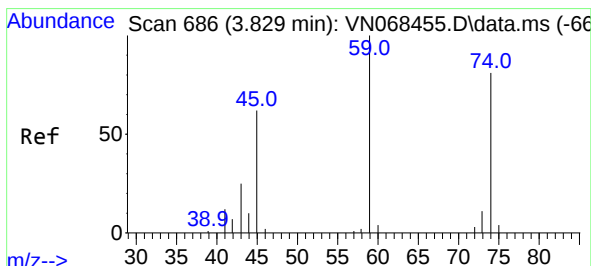
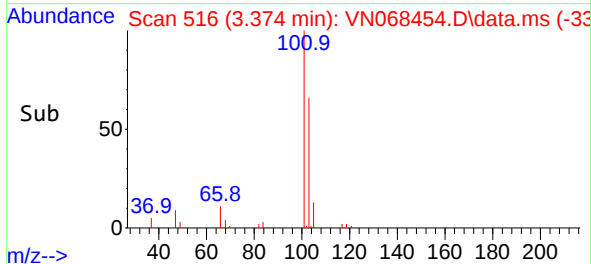
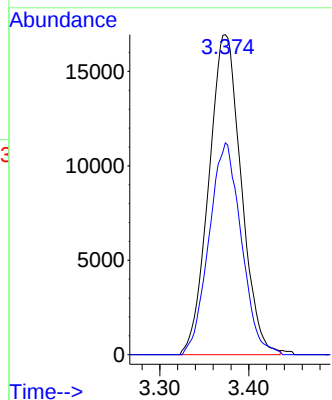
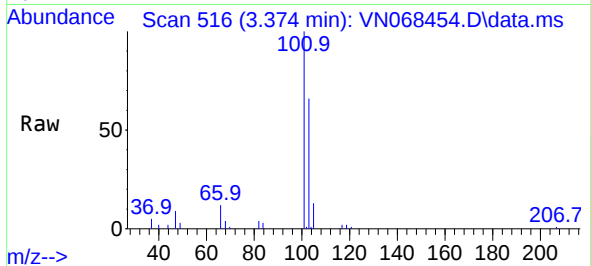
#7
Trichlorofluoromethane
Concen: 5.440 ug/l
RT: 3.374 min Scan# 517
Delta R.T. -0.003 min
Lab File: VN068454.D
Acq: 13 Sep 2021 13:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:101 Resp: 4284
Ion Ratio Lower Upper
101 100
103 66.2 52.4 78.6

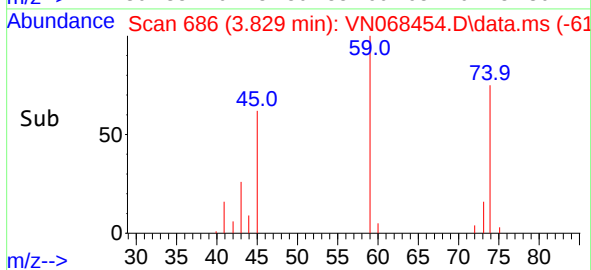
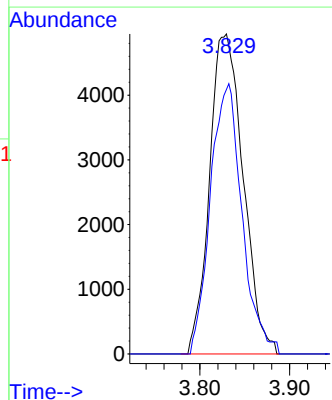
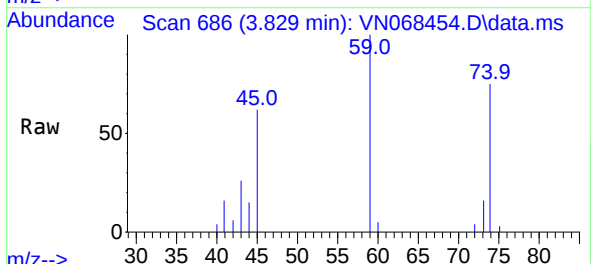
Manual Integrations
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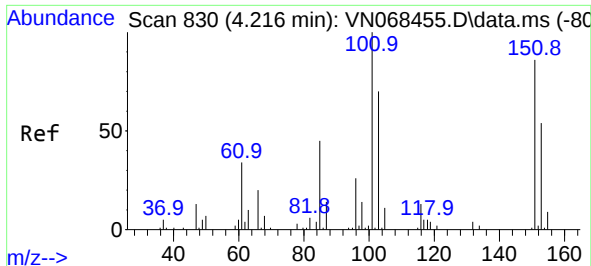
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021



#8
Diethyl Ether
Concen: 5.175 ug/l m
RT: 3.829 min Scan# 686
Delta R.T. 0.000 min
Lab File: VN068454.D
Acq: 13 Sep 2021 13:39

Tgt Ion: 74 Resp: 12856
Ion Ratio Lower Upper
74 100
45 0.0 16.2 146.0#





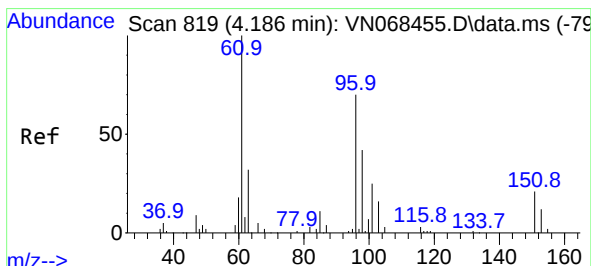
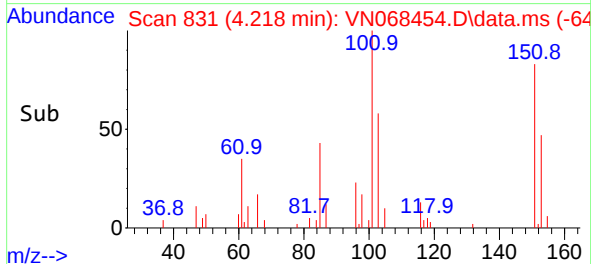
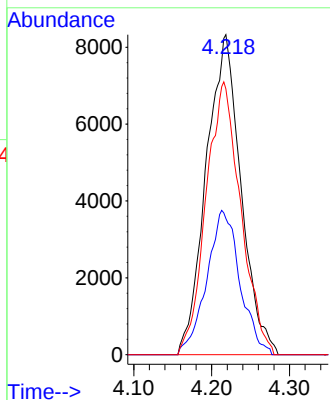
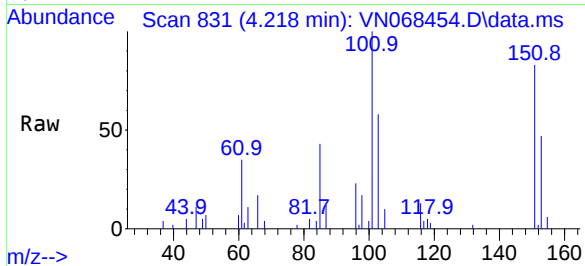
#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.749 ug/l
RT: 4.218 min Scan# 81
Delta R.T. 0.003 min
Lab File: VN068454.D
Acq: 13 Sep 2021 13:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:101 Resp: 25789
Ion Ratio Lower Upper
101 100
85 43.2 0.0 89.2
151 85.0 0.0 176.4

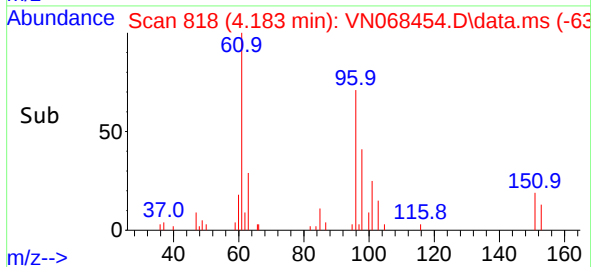
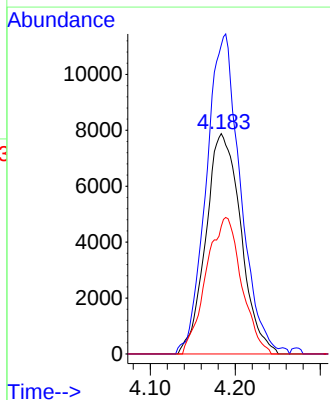
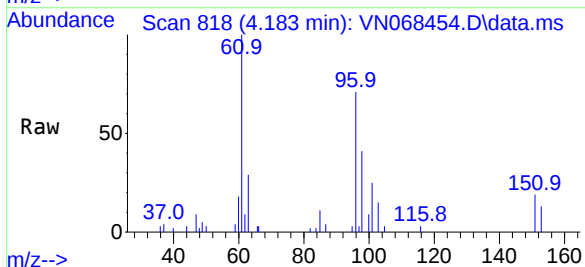
Manual Integrations
APPROVED

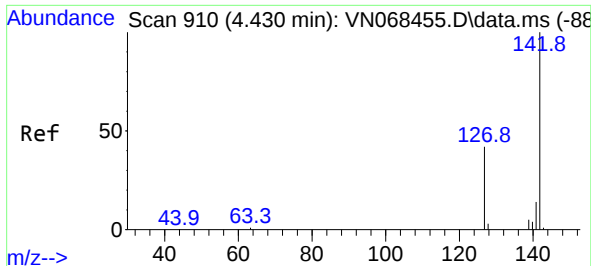
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021



#10
1,1-Dichloroethene
Concen: 5.424 ug/l
RT: 4.183 min Scan# 818
Delta R.T. -0.003 min
Lab File: VN068454.D
Acq: 13 Sep 2021 13:39

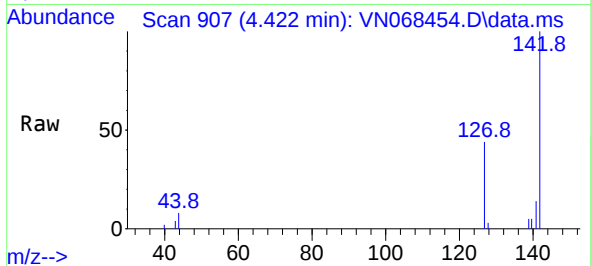
Tgt Ion: 96 Resp: 22616
Ion Ratio Lower Upper
96 100
61 137.8 114.1 171.1
98 57.9 48.3 72.5





#11
Methyl Iodide
Concen: 4.115 ug/l
RT: 4.422 min Scan# 907
Delta R.T. -0.008 min
Lab File: VN068454.D
Acq: 13 Sep 2021 13:39

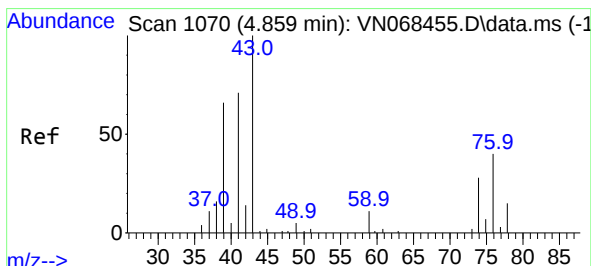
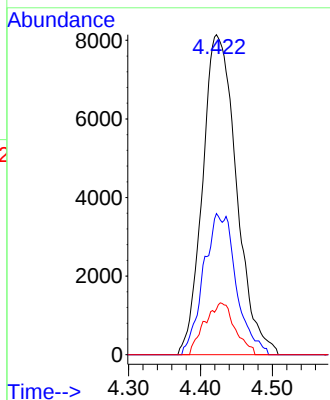
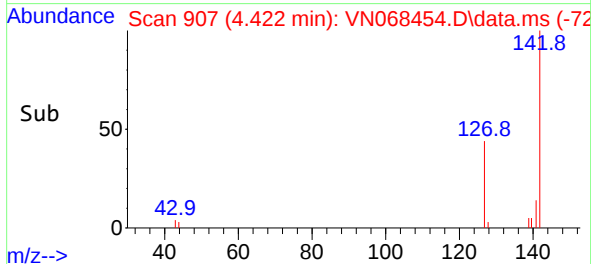
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



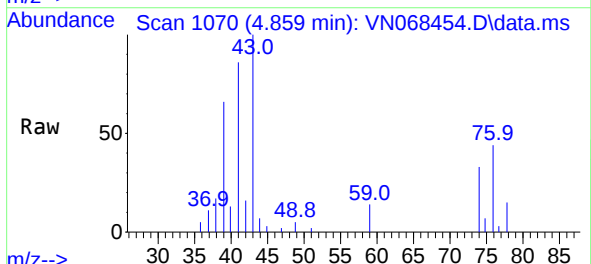
Tgt Ion:142 Resp: 26638
Ion Ratio Lower Upper
142 100
127 44.1 20.9 62.8
141 14.2 6.8 20.3

Manual Integrations
APPROVED

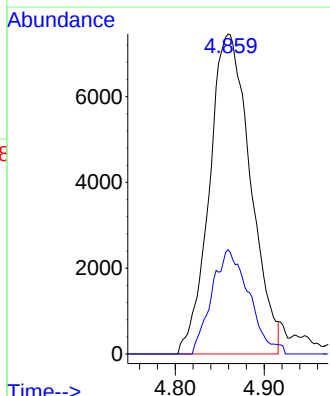
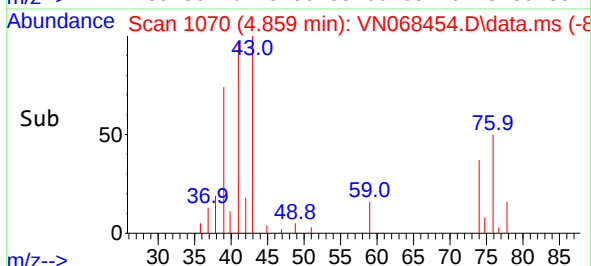
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021

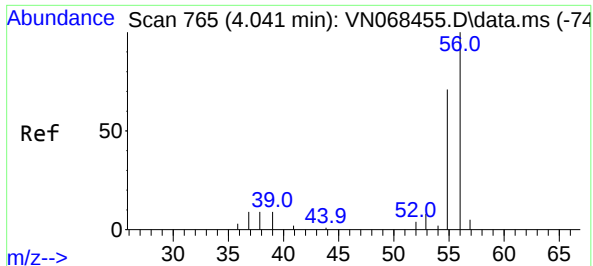


#12
Methyl Acetate
Concen: 5.500 ug/l
RT: 4.859 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VN068454.D
Acq: 13 Sep 2021 13:39



Tgt Ion: 43 Resp: 23868
Ion Ratio Lower Upper
43 100
74 32.8 22.6 34.0





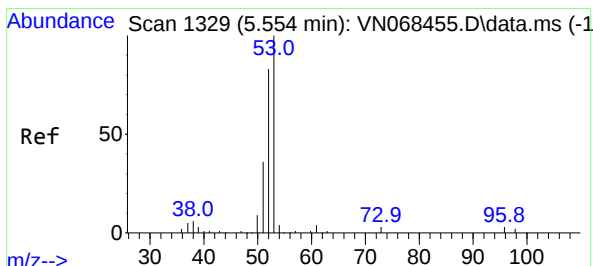
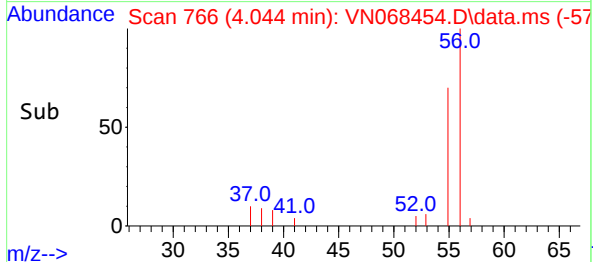
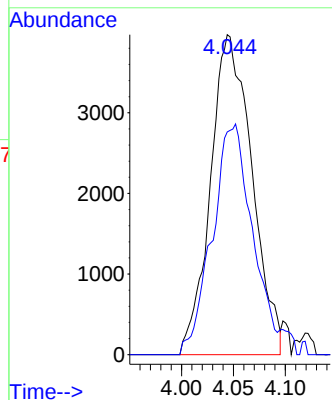
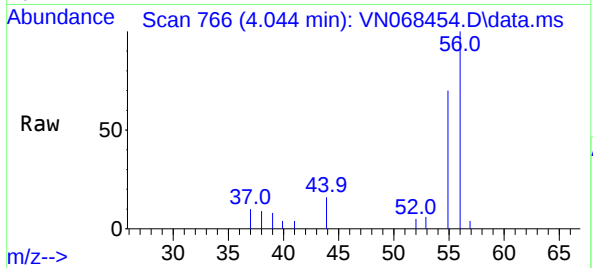
#13
Acrolein
Concen: 31.558 ug/l
RT: 4.044 min Scan# 765
Delta R.T. 0.003 min
Lab File: VN068454.D
Acq: 13 Sep 2021 13:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 56 Resp: 1100
Ion Ratio Lower Upper
56 100
55 69.7 57.2 85.8

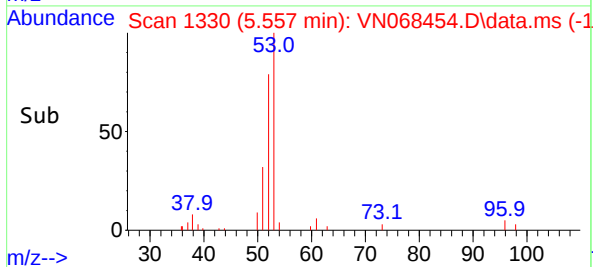
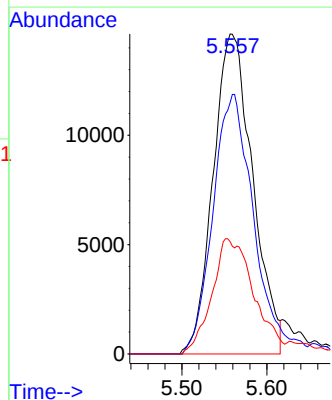
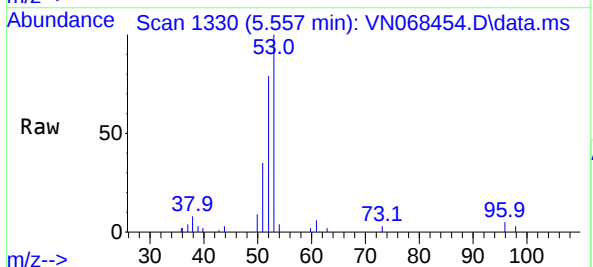
Manual Integrations
APPROVED

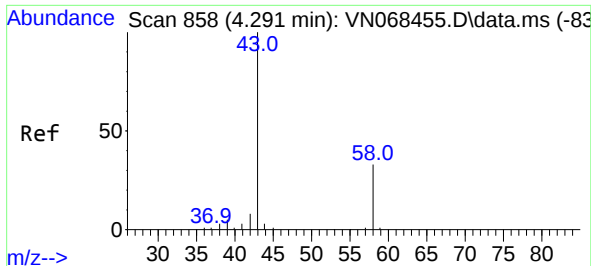
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021



#14
Acrylonitrile
Concen: 25.211 ug/l
RT: 5.557 min Scan# 1330
Delta R.T. 0.003 min
Lab File: VN068454.D
Acq: 13 Sep 2021 13:39

Tgt Ion: 53 Resp: 47380
Ion Ratio Lower Upper
53 100
52 82.5 41.5 124.5
51 20.5 17.9 53.7





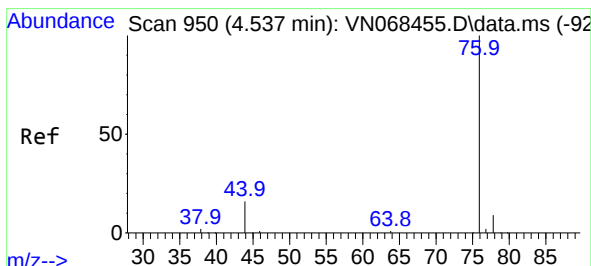
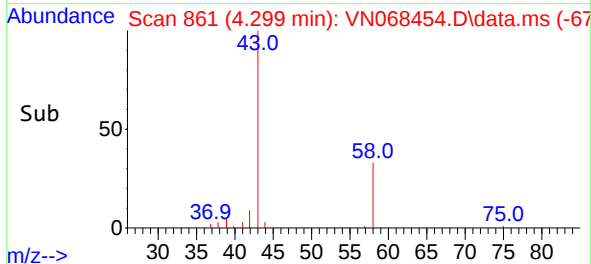
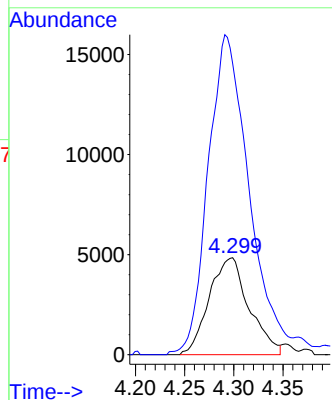
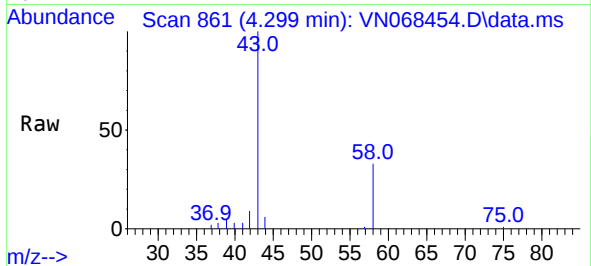
#15
Acetone
Concen: 26.711 ug/l
RT: 4.299 min Scan# 80
Delta R.T. 0.008 min
Lab File: VN068454.D
Acq: 13 Sep 2021 13:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 58 Resp: 13680
Ion Ratio Lower Upper
58 100
43 294.3 239.9 359.9

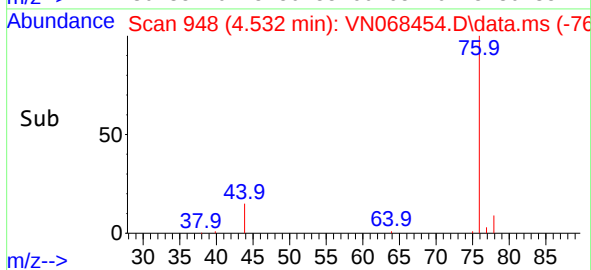
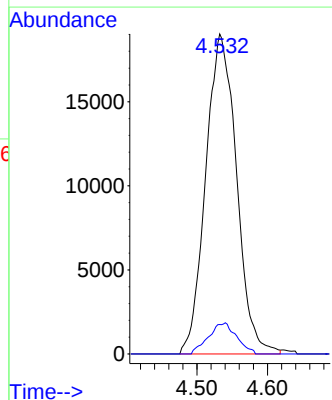
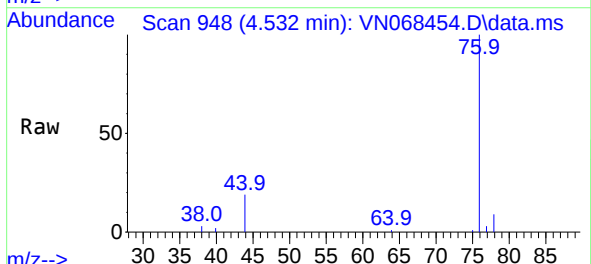
Manual Integrations
APPROVED

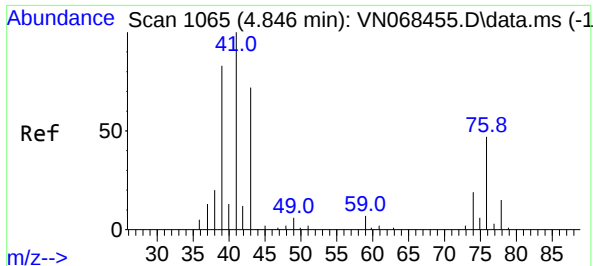
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021



#16
Carbon Disulfide
Concen: 5.364 ug/l
RT: 4.532 min Scan# 948
Delta R.T. -0.005 min
Lab File: VN068454.D
Acq: 13 Sep 2021 13:39

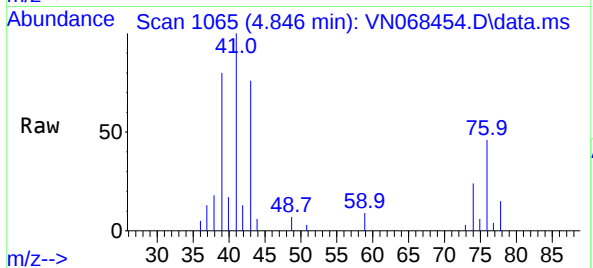
Tgt Ion: 76 Resp: 57718
Ion Ratio Lower Upper
76 100
78 9.2 6.9 10.3





#17
Allyl chloride
Concen: 4.997 ug/l
RT: 4.846 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VN068454.D
Acq: 13 Sep 2021 13:39

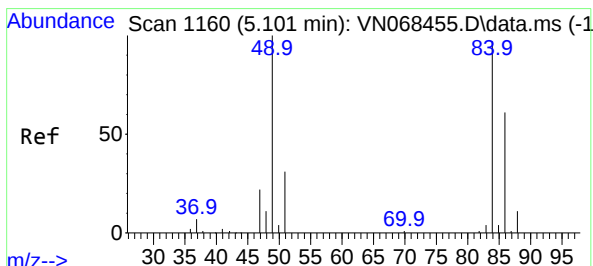
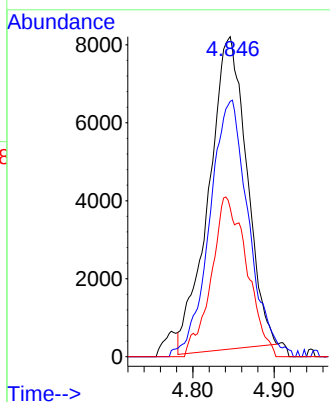
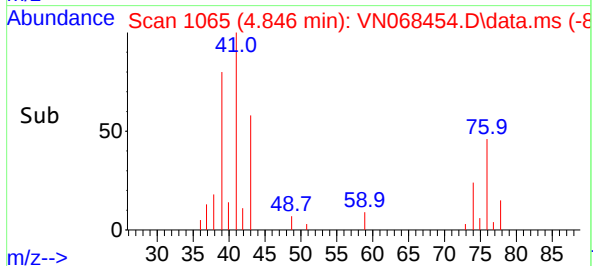
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 41 Resp: 26010
Ion Ratio Lower Upper
41 100
39 80.3 41.5 124.5
76 48.4 23.6 71.0

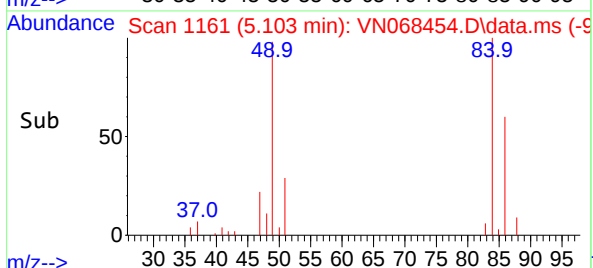
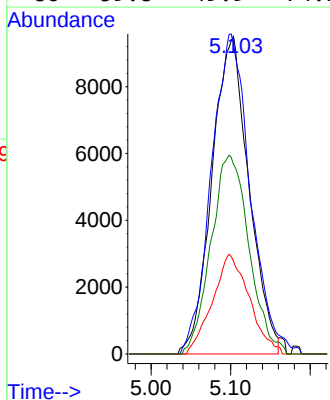
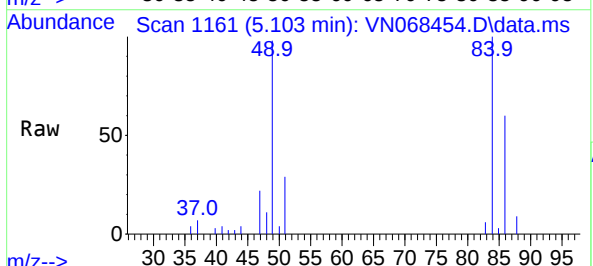
Manual Integrations
APPROVED

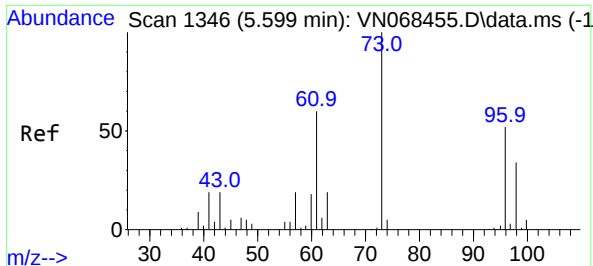
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021



#18
Methylene Chloride
Concen: 6.138 ug/l
RT: 5.103 min Scan# 1161
Delta R.T. 0.003 min
Lab File: VN068454.D
Acq: 13 Sep 2021 13:39

Tgt Ion: 84 Resp: 30634
Ion Ratio Lower Upper
84 100
49 97.9 82.4 123.6
51 29.3 25.9 38.9
86 59.8 49.9 74.9





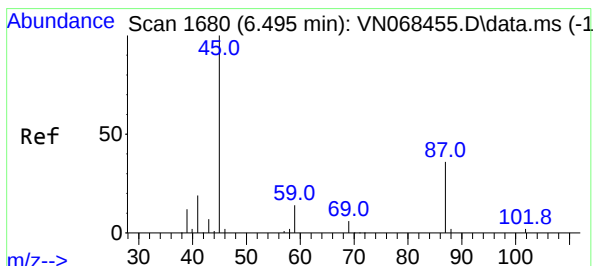
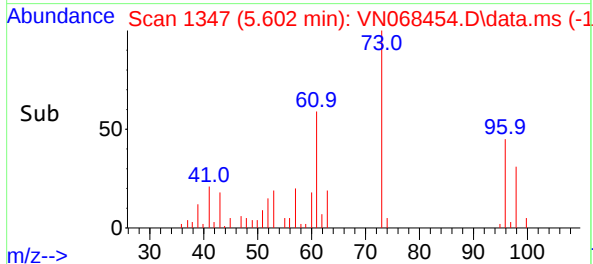
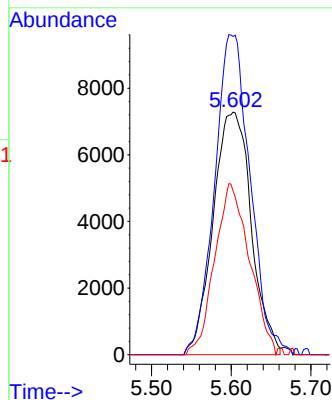
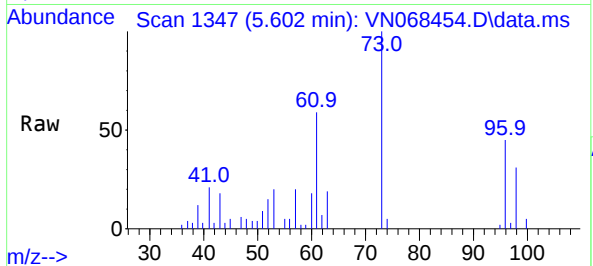
#19
trans-1,2-Dichloroethene
Concen: 5.172 ug/l m
RT: 5.602 min Scan# 11
Delta R.T. 0.003 min
Lab File: VN068454.D
Acq: 13 Sep 2021 13:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 96 Resp: 2419
Ion Ratio Lower Upper
96 100
61 131.2 92.5 138.7
98 67.6 51.7 77.5

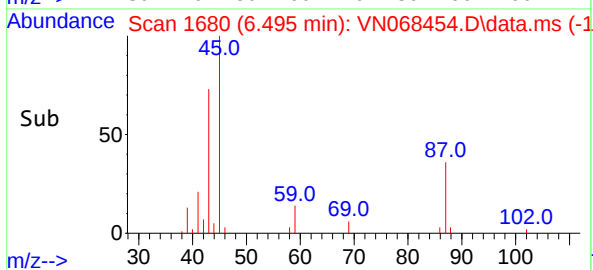
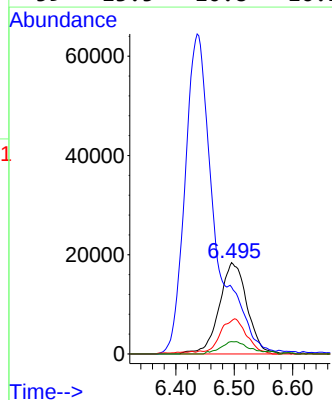
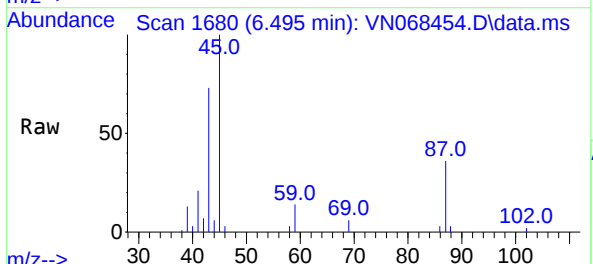
Manual Integrations
APPROVED

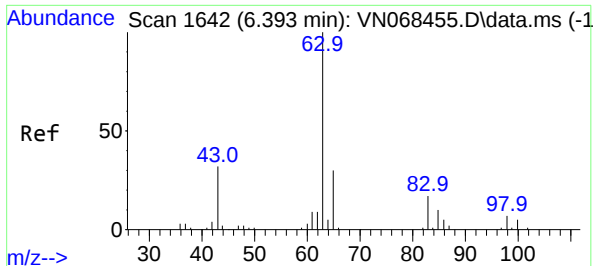
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021



#20
Diisopropyl ether
Concen: 5.260 ug/l
RT: 6.495 min Scan# 1680
Delta R.T. 0.000 min
Lab File: VN068454.D
Acq: 13 Sep 2021 13:39

Tgt Ion: 45 Resp: 60740
Ion Ratio Lower Upper
45 100
43 67.6 52.2 78.2
87 36.2 29.8 44.8
59 13.5 10.8 16.2





#21

1,1-Dichloroethane

Concen: 5.520 ug/l

RT: 6.391 min Scan# 1

Delta R.T. -0.003 min

Lab File: VN068454.D

Acq: 13 Sep 2021 13:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 63 Resp: 4236

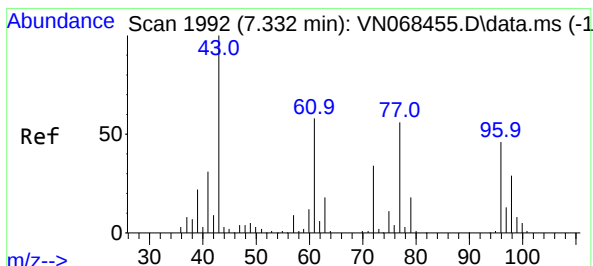
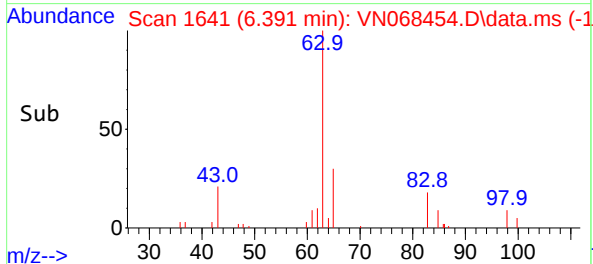
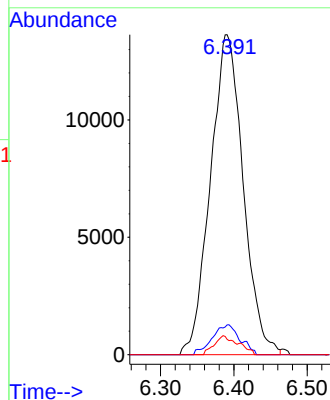
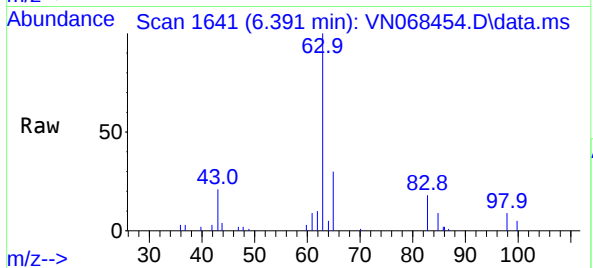
Ion	Ratio	Lower	Upper
63	100		
98	9.3	3.5	10.4
100	4.8	2.5	7.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2021

Supervised By :Mahesh Dadoda 09/14/2021



#22

cis-1,2-Dichloroethene

Concen: 5.235 ug/l

RT: 7.329 min Scan# 1991

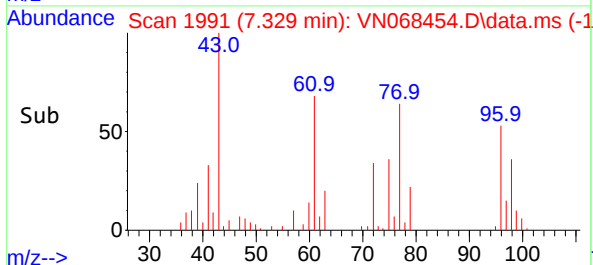
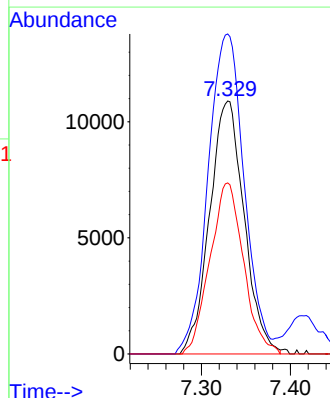
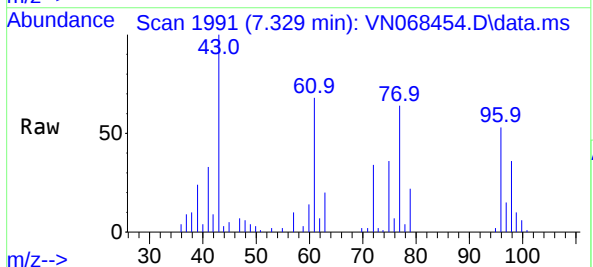
Delta R.T. -0.003 min

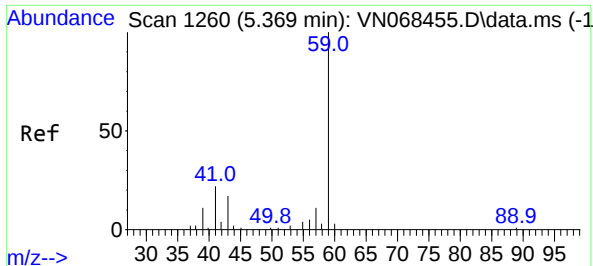
Lab File: VN068454.D

Acq: 13 Sep 2021 13:39

Tgt Ion: 96 Resp: 29393

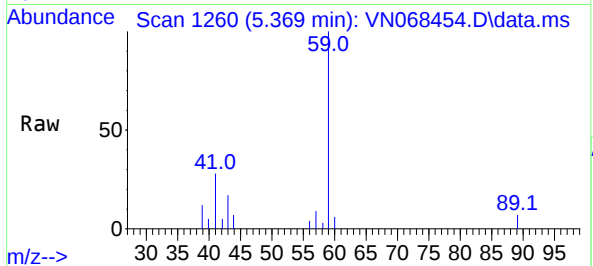
Ion	Ratio	Lower	Upper
96	100		
61	132.0	102.3	153.5
98	65.8	52.3	78.5





#23
tert-Butyl Alcohol
Concen: 28.074 ug/l m
RT: 5.369 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN068454.D
Acq: 13 Sep 2021 13:39

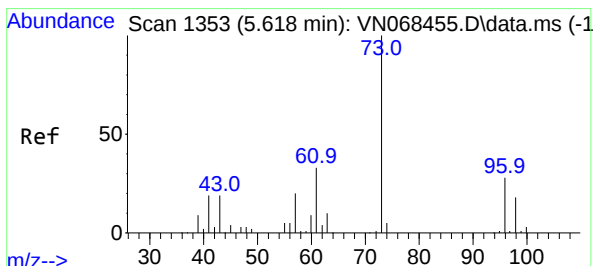
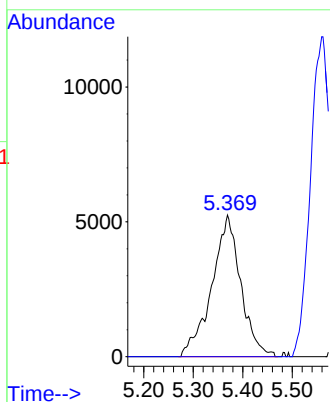
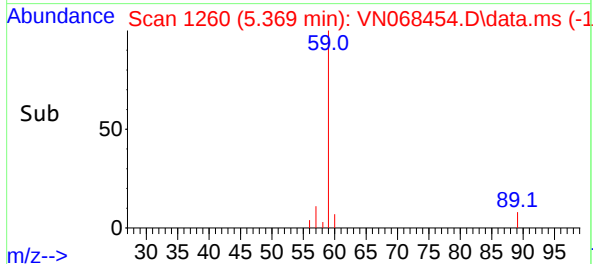
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



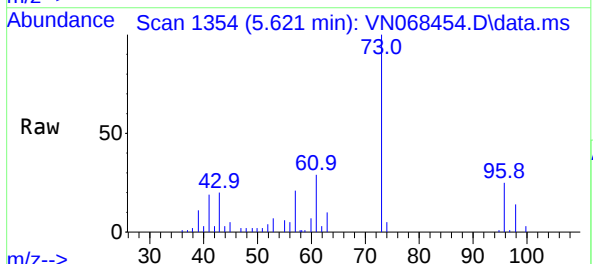
Tgt Ion: 59 Resp: 2132
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

Manual Integrations
APPROVED

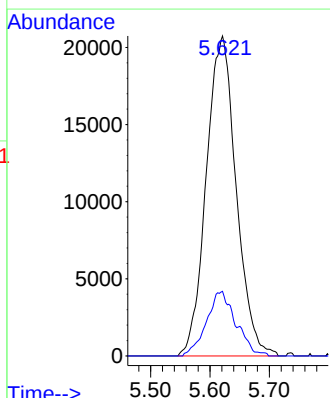
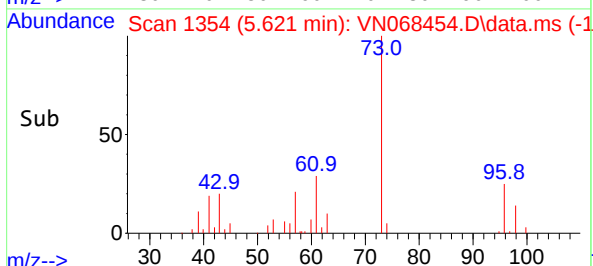
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021

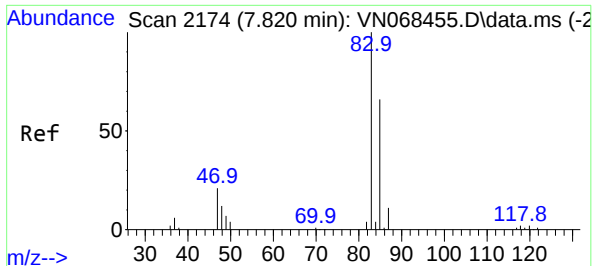


#24
Methyl tert-Butyl Ether
Concen: 5.122 ug/l
RT: 5.621 min Scan# 1354
Delta R.T. 0.003 min
Lab File: VN068454.D
Acq: 13 Sep 2021 13:39



Tgt Ion: 73 Resp: 72721
Ion Ratio Lower Upper
73 100
43 9.1 14.9 22.3#





#25

Chloroform

Concen: 5.592 ug/l

RT: 7.823 min Scan# 2174

Delta R.T. 0.003 min

Lab File: VN068454.D

Acq: 13 Sep 2021 13:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 83 Resp: 5136

Ion Ratio Lower Upper

83 100

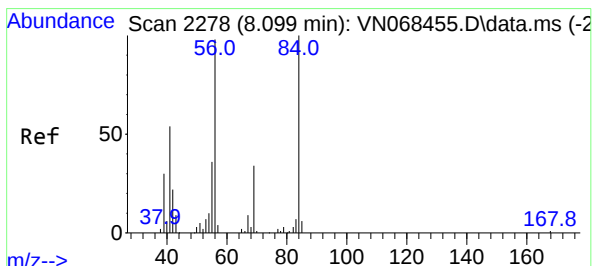
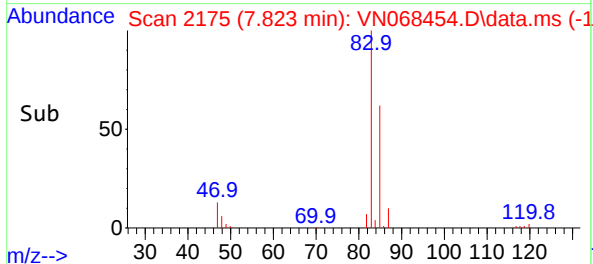
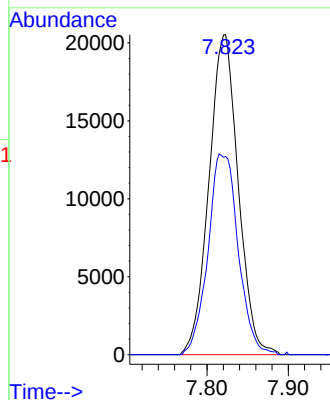
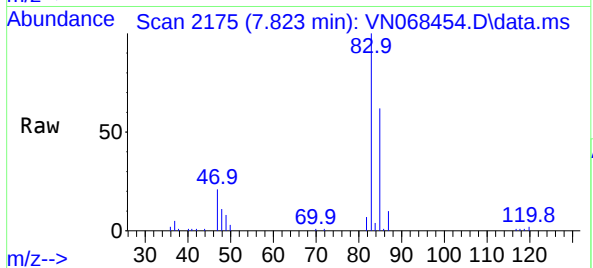
85 62.0 52.6 78.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2021

Supervised By :Mahesh Dadoda 09/14/2021



#26

Cyclohexane

Concen: 5.291 ug/l

RT: 8.099 min Scan# 2278

Delta R.T. 0.000 min

Lab File: VN068454.D

Acq: 13 Sep 2021 13:39

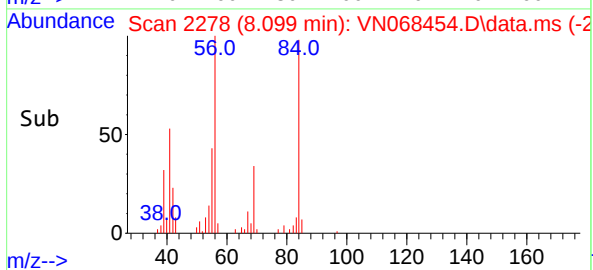
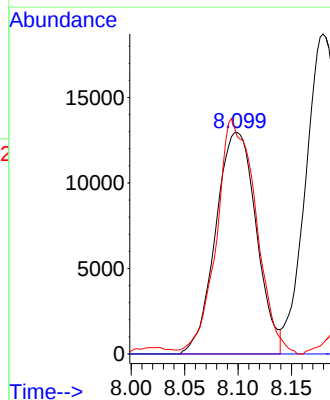
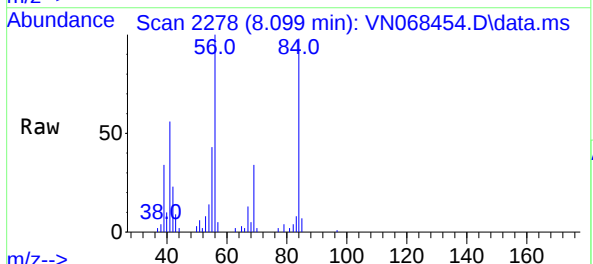
Tgt Ion: 56 Resp: 34334

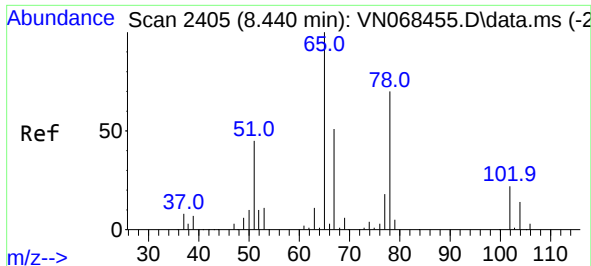
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

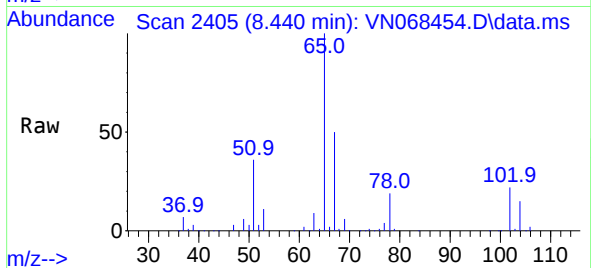
84 102.8 82.8 124.2





#27
1,2-Dichloroethane-d4
Concen: 32.634 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.000 min
Lab File: VN068454.D
Acq: 13 Sep 2021 13:39

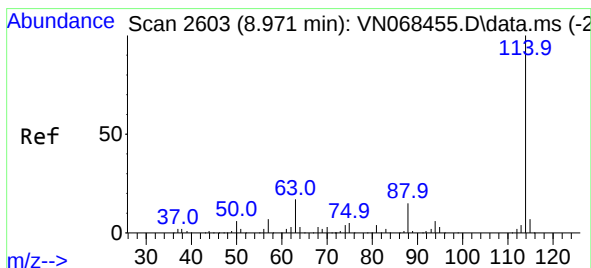
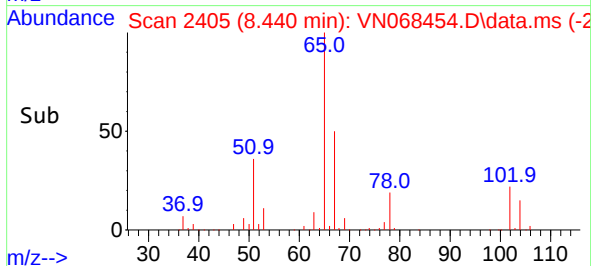
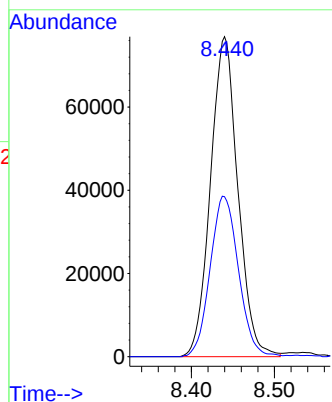
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 65 Resp: 176334
Ion Ratio Lower Upper
65 100
67 51.9 41.8 62.8

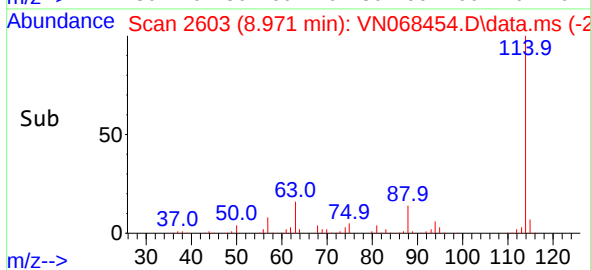
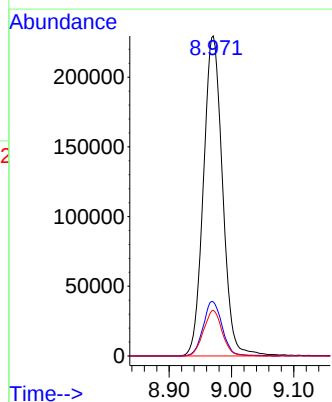
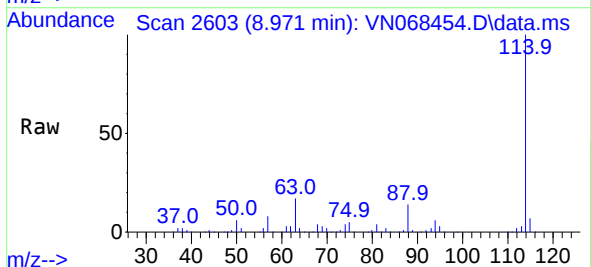
Manual Integrations
APPROVED

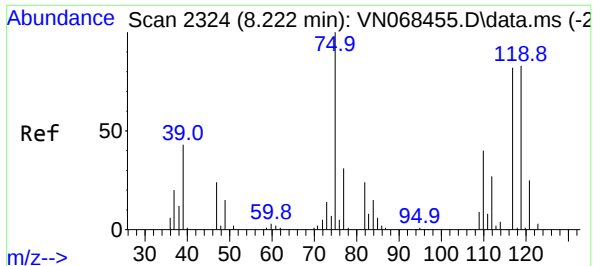
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.000 min
Lab File: VN068454.D
Acq: 13 Sep 2021 13:39

Tgt Ion:114 Resp: 489600
Ion Ratio Lower Upper
114 100
63 16.9 13.4 20.0
88 14.0 11.1 16.7





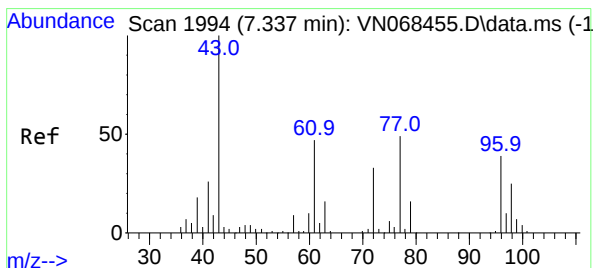
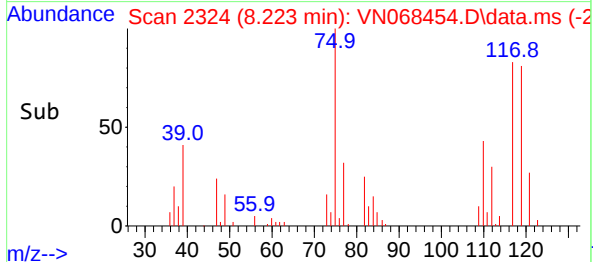
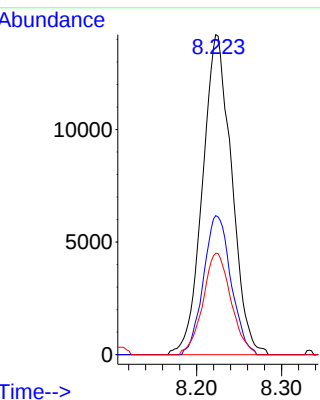
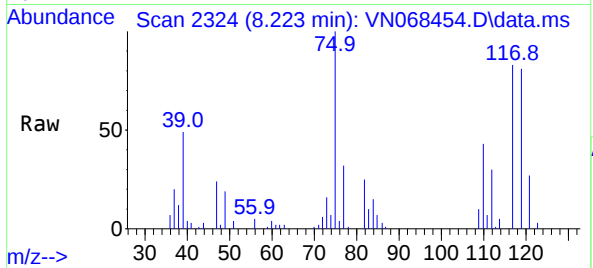
#29
1,1-Dichloropropene
Concen: 5.149 ug/l
RT: 8.223 min Scan# 2110
Delta R.T. 0.000 min
Lab File: VN068454.D
Acq: 13 Sep 2021 13:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 75 Resp: 33774
Ion Ratio Lower Upper
75 100
110 41.1 0.0 82.2
77 30.5 0.0 60.0

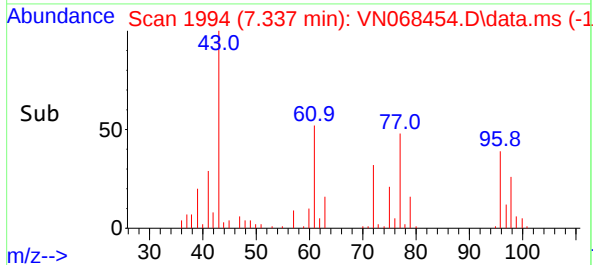
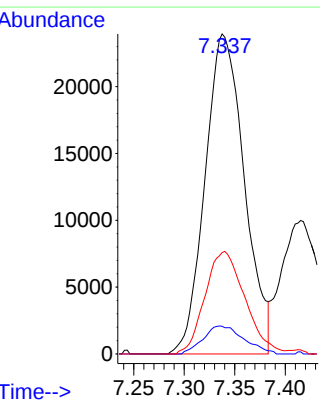
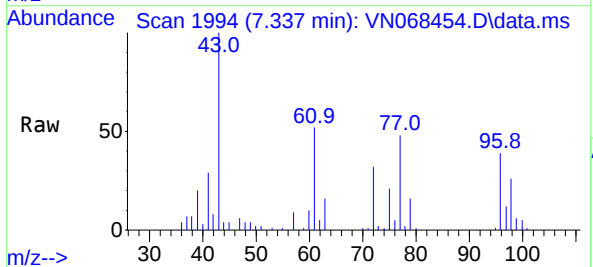
Manual Integrations
APPROVED

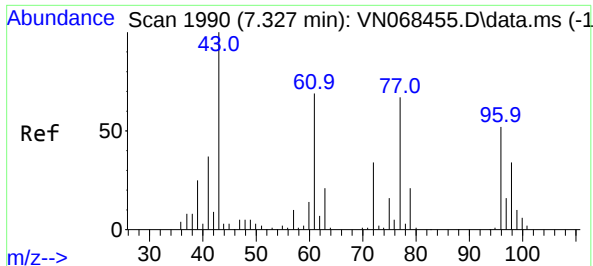
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021



#30
2-Butanone
Concen: 25.859 ug/l
RT: 7.337 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VN068454.D
Acq: 13 Sep 2021 13:39

Tgt Ion: 43 Resp: 64744
Ion Ratio Lower Upper
43 100
57 5.4 3.2 4.8#
72 32.5 26.6 39.8





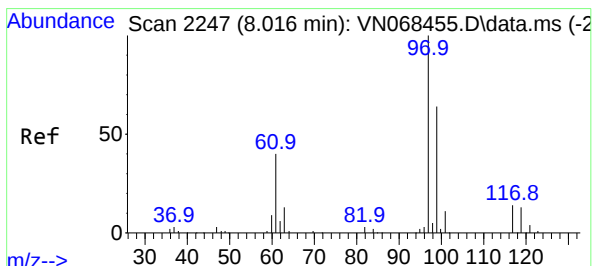
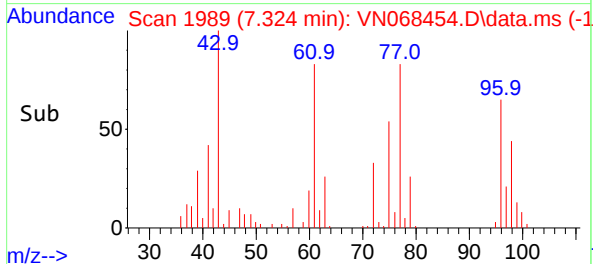
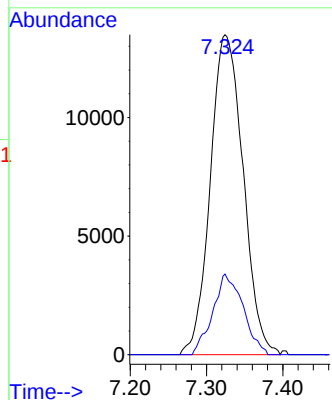
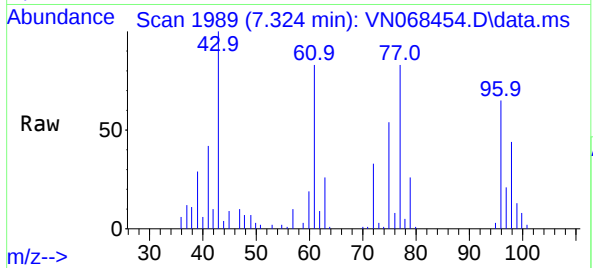
#31
2,2-Dichloropropane
Concen: 5.343 ug/l
RT: 7.324 min Scan# 1989
Delta R.T. -0.003 min
Lab File: VN068454.D
Acq: 13 Sep 2021 13:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 77 Resp: 4033
Ion Ratio Lower Upper
77 100
97 23.2 18.6 28.0

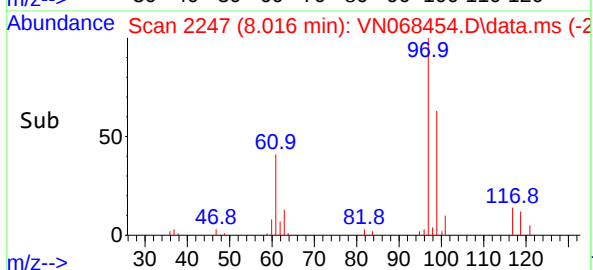
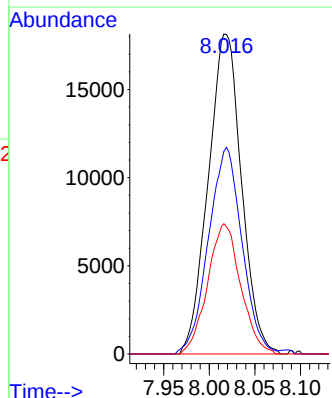
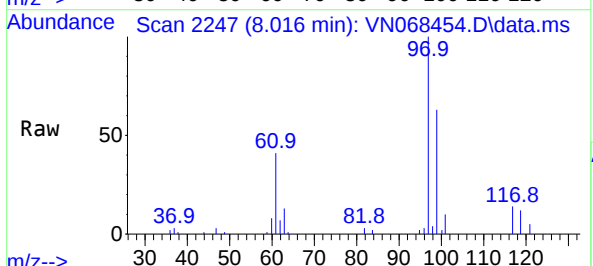
Manual Integrations
APPROVED

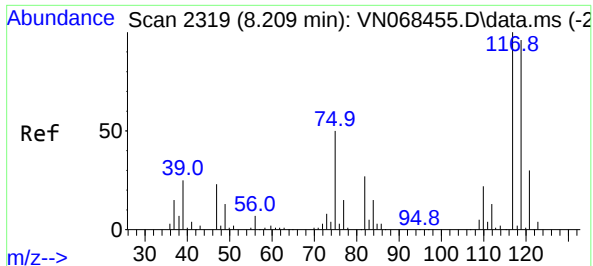
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021



#32
1,1,1-Trichloroethane
Concen: 5.171 ug/l
RT: 8.016 min Scan# 2247
Delta R.T. 0.000 min
Lab File: VN068454.D
Acq: 13 Sep 2021 13:39

Tgt Ion: 97 Resp: 46062
Ion Ratio Lower Upper
97 100
99 65.0 51.4 77.2
61 40.4 31.4 47.0





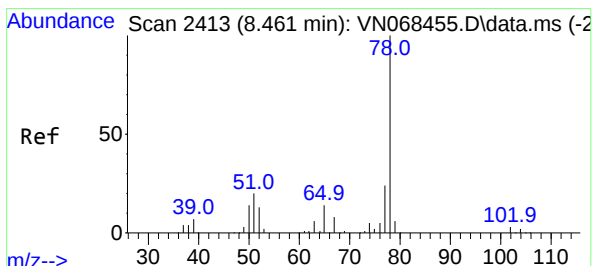
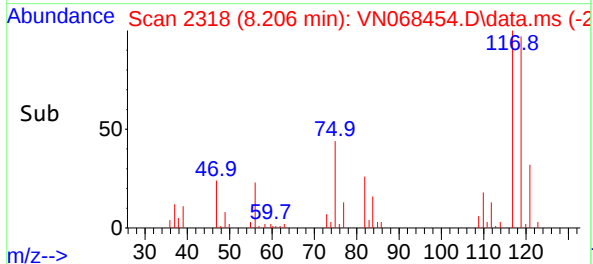
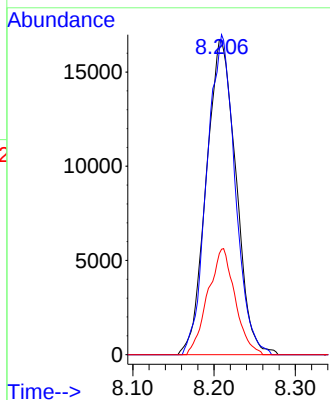
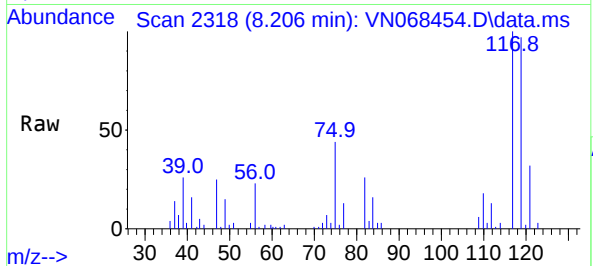
#33
Carbon Tetrachloride
Concen: 5.092 ug/l
RT: 8.206 min Scan# 2117
Delta R.T. -0.003 min
Lab File: VN068454.D
Acq: 13 Sep 2021 13:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:117 Resp: 42398
Ion Ratio Lower Upper
117 100
119 96.8 76.8 115.2
121 32.2 24.4 36.6

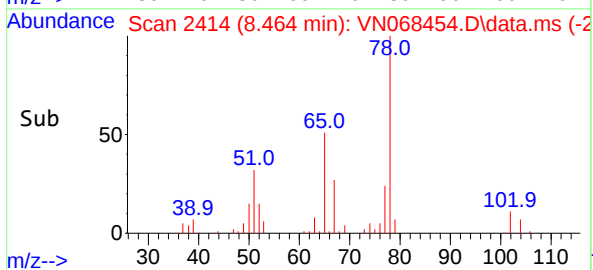
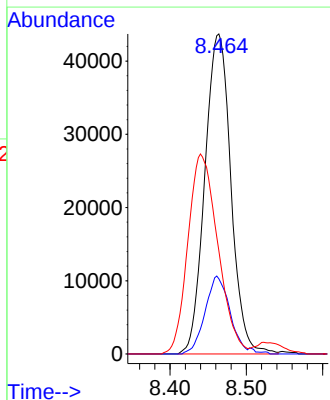
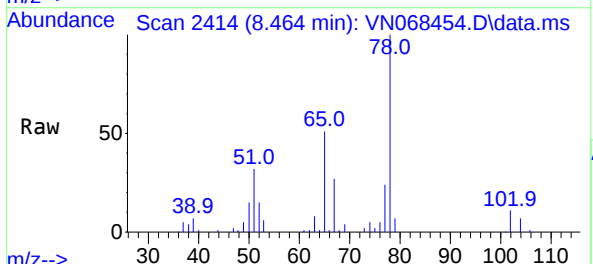
Manual Integrations
APPROVED

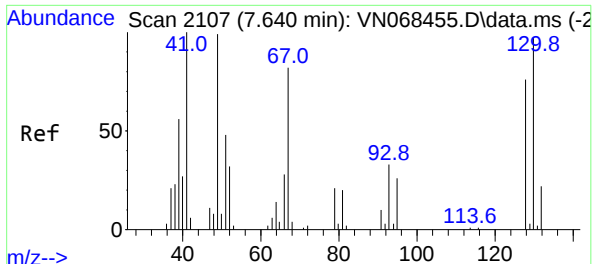
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021



#34
Benzene
Concen: 5.198 ug/l
RT: 8.464 min Scan# 2414
Delta R.T. 0.003 min
Lab File: VN068454.D
Acq: 13 Sep 2021 13:39

Tgt Ion: 78 Resp: 103984
Ion Ratio Lower Upper
78 100
77 23.5 19.2 28.8
51 29.4 15.8 23.6





#35

Methacrylonitrile

Concen: 5.250 ug/l

RT: 7.638 min Scan# 2106

Delta R.T. -0.003 min

Lab File: VN068454.D

Acq: 13 Sep 2021 13:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 41 Resp: 12678

Ion Ratio Lower Upper

41 100

39 58.5 28.2 84.6

67 78.8 40.8 122.5

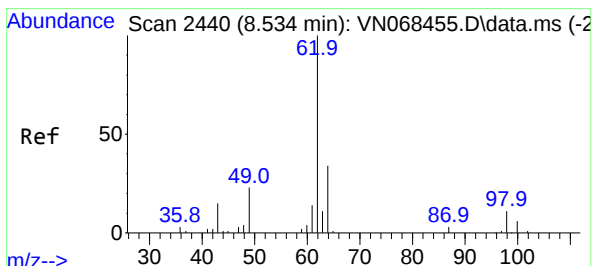
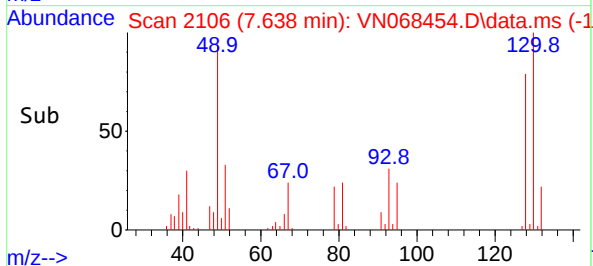
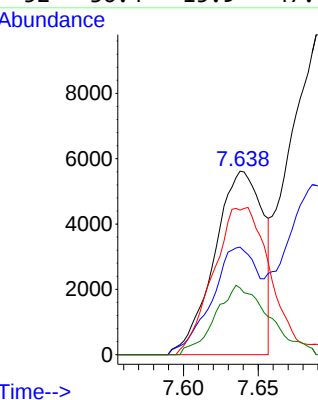
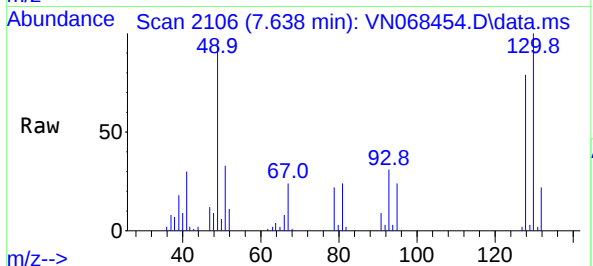
52 36.4 15.9 47.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2021

Supervised By :Mahesh Dadoda 09/14/2021



#36

1,2-Dichloroethane

Concen: 5.393 ug/l

RT: 8.531 min Scan# 2439

Delta R.T. -0.003 min

Lab File: VN068454.D

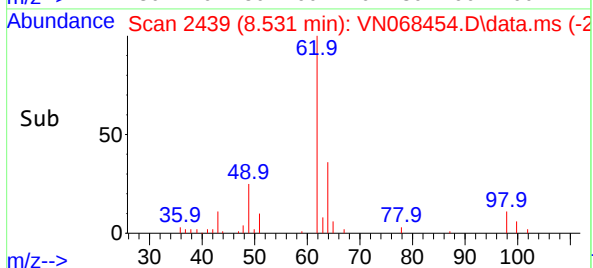
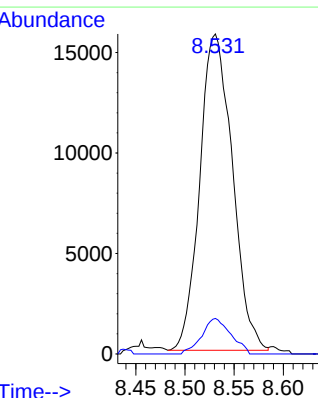
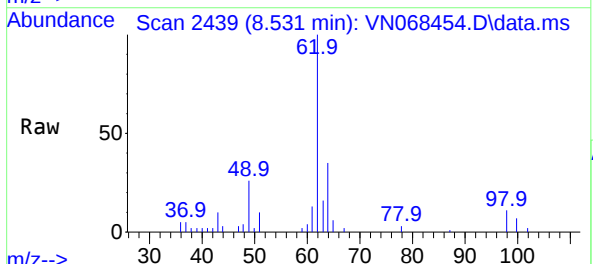
Acq: 13 Sep 2021 13:39

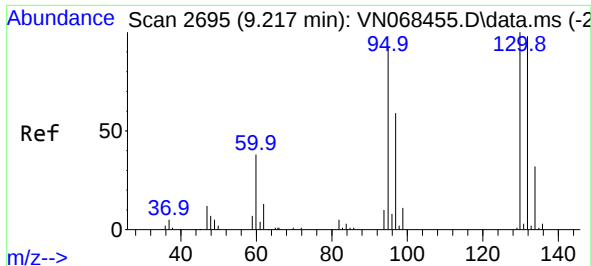
Tgt Ion: 62 Resp: 36319

Ion Ratio Lower Upper

62 100

98 10.0 7.8 11.8





#37

Trichloroethene

Concen: 5.244 ug/l

RT: 9.220 min Scan# 2696

Delta R.T. 0.003 min

Lab File: VN068454.D

Acq: 13 Sep 2021 13:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion:130 Resp: 33718

Ion Ratio Lower Upper

130 100

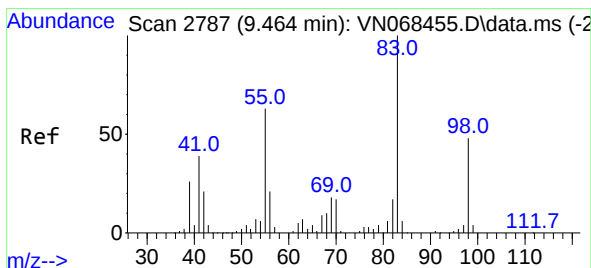
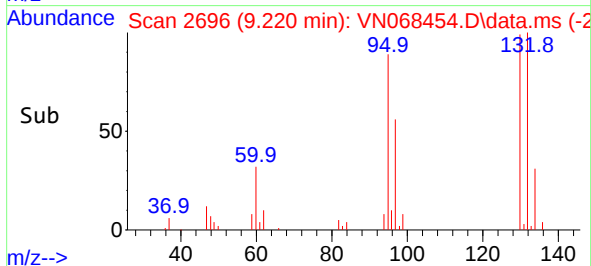
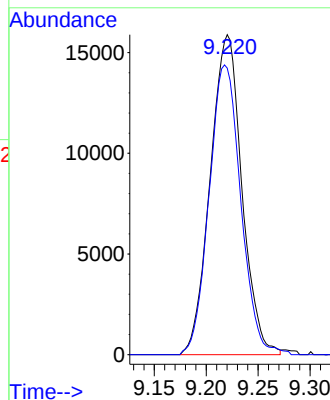
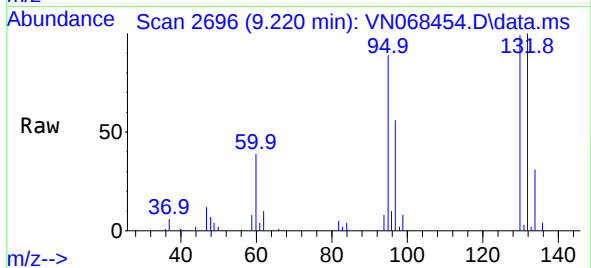
95 89.5 73.4 110.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2021

Supervised By :Mahesh Dadoda 09/14/2021



#38

Methylcyclohexane

Concen: 4.904 ug/l

RT: 9.462 min Scan# 2786

Delta R.T. -0.003 min

Lab File: VN068454.D

Acq: 13 Sep 2021 13:39

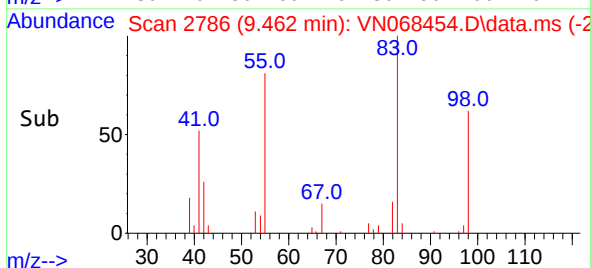
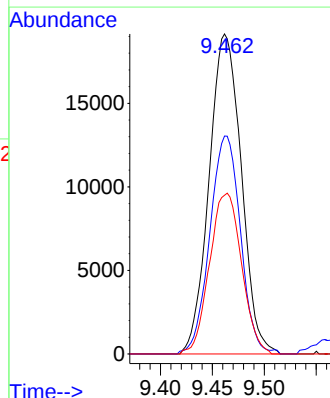
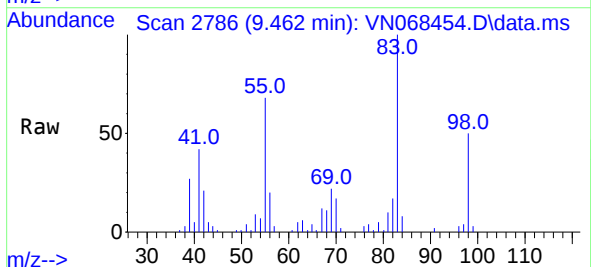
Tgt Ion: 83 Resp: 41354

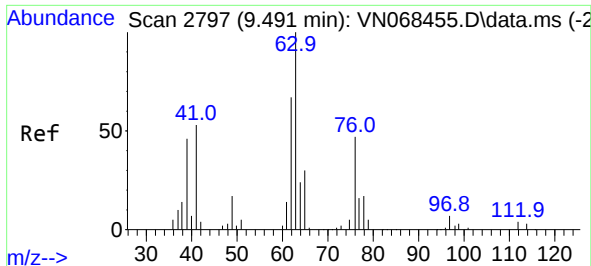
Ion Ratio Lower Upper

83 100

55 64.6 32.1 96.3

98 50.1 24.0 72.0





#39

1,2-Dichloropropane

Concen: 5.305 ug/l

RT: 9.491 min Scan# 2797

Delta R.T. 0.000 min

Lab File: VN068454.D

Acq: 13 Sep 2021 13:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 63 Resp: 2497

Ion Ratio Lower Upper

63 100

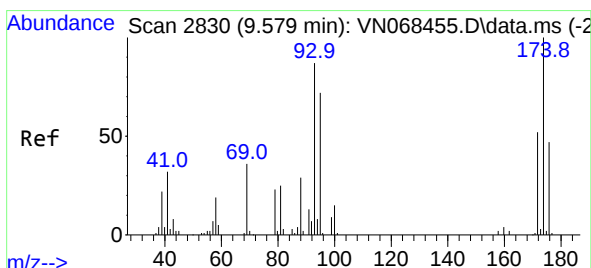
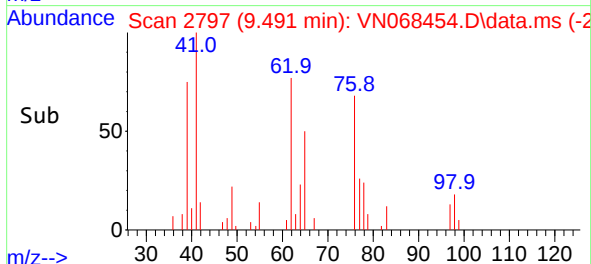
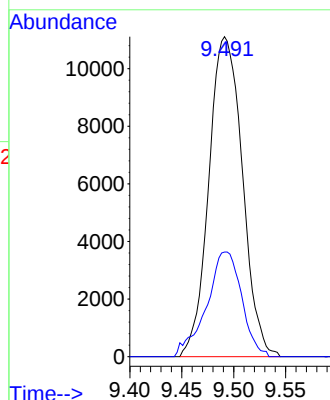
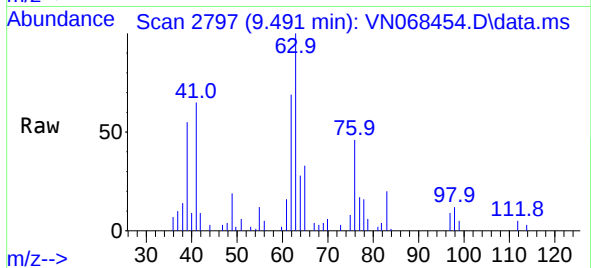
65 32.7 24.4 36.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2021

Supervised By :Mahesh Dadoda 09/14/2021



#40

Dibromomethane

Concen: 5.249 ug/l

RT: 9.580 min Scan# 2830

Delta R.T. 0.000 min

Lab File: VN068454.D

Acq: 13 Sep 2021 13:39

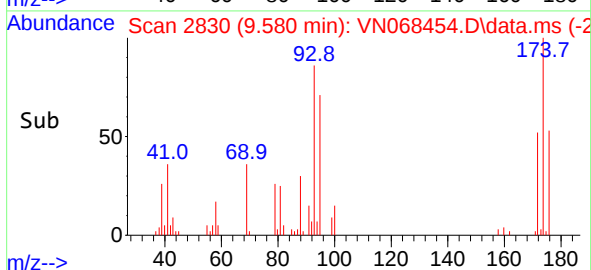
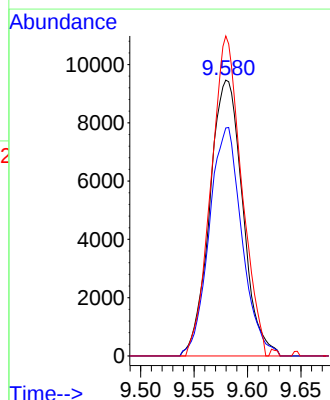
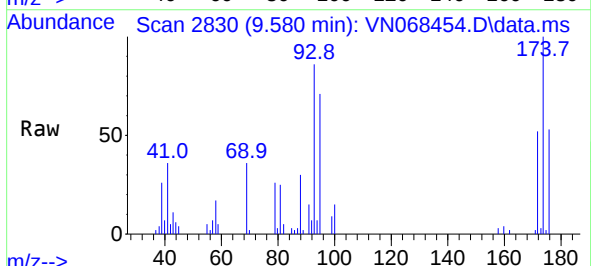
Tgt Ion: 93 Resp: 20304

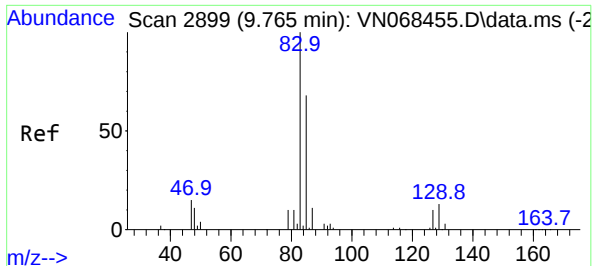
Ion Ratio Lower Upper

93 100

95 82.2 0.0 165.2

174 107.7 0.0 231.8





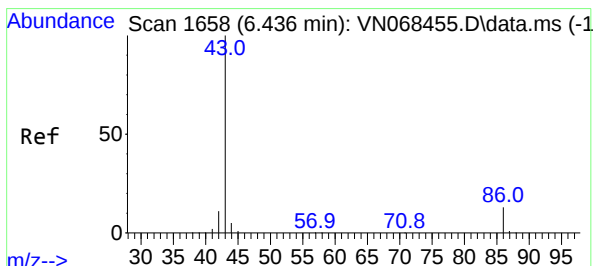
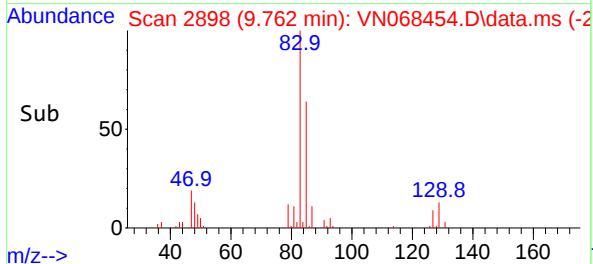
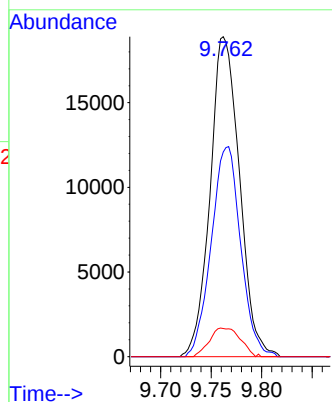
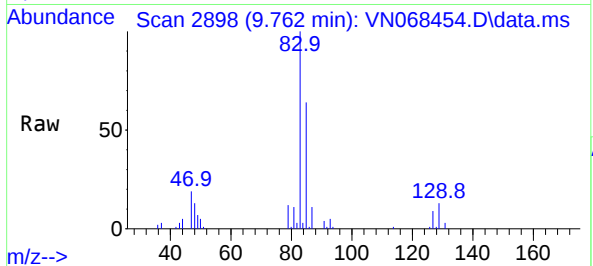
#41
Bromodichloromethane
Concen: 5.113 ug/l
RT: 9.762 min Scan# 2899
Delta R.T. -0.003 min
Lab File: VN068454.D
Acq: 13 Sep 2021 13:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 83 Resp: 38220
Ion Ratio Lower Upper
83 100
85 63.9 54.1 81.1
127 8.8 8.8 13.2

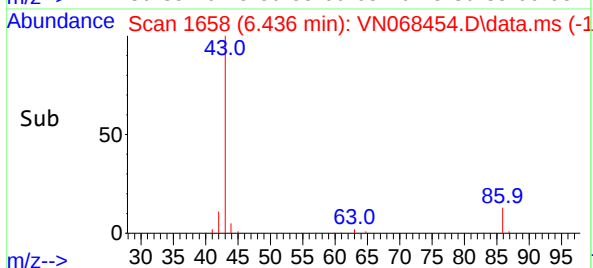
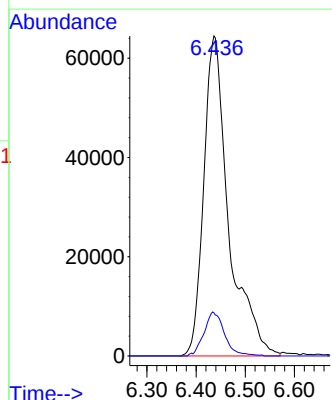
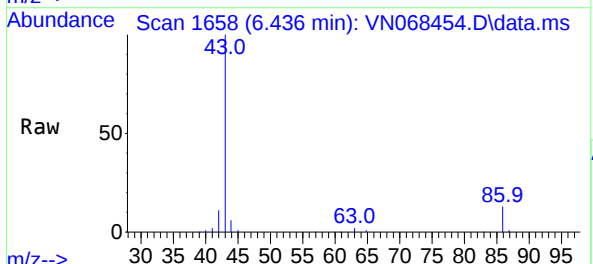
Manual Integrations
APPROVED

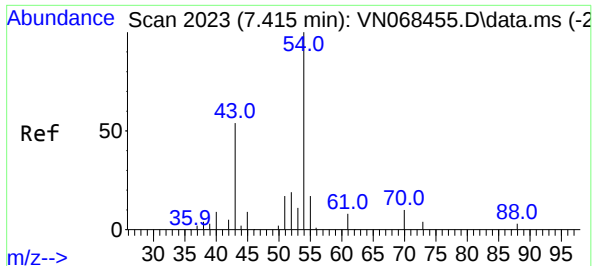
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021



#42
Vinyl Acetate
Concen: 25.275 ug/l m
RT: 6.436 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN068454.D
Acq: 13 Sep 2021 13:39

Tgt Ion: 43 Resp: 227355
Ion Ratio Lower Upper
43 100
86 10.3 9.0 13.6





#43
Ethyl Acetate
Concen: 5.303 ug/l m
RT: 7.415 min Scan# 2023
Delta R.T. 0.000 min
Lab File: VN068454.D
Acq: 13 Sep 2021 13:39

Instrument :

MSVOA_N

ClientSampleId :

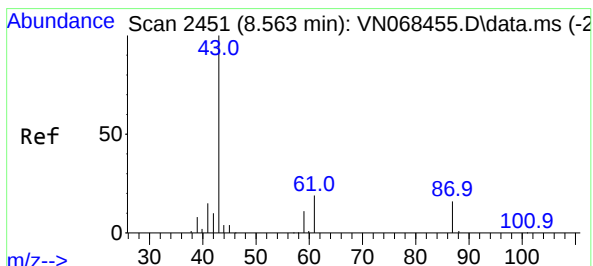
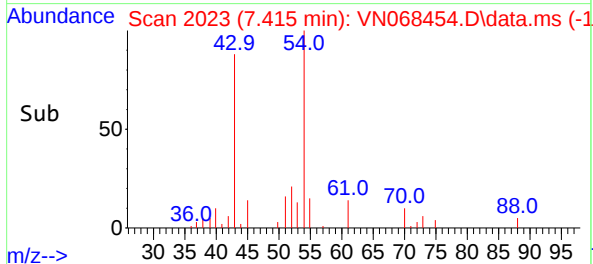
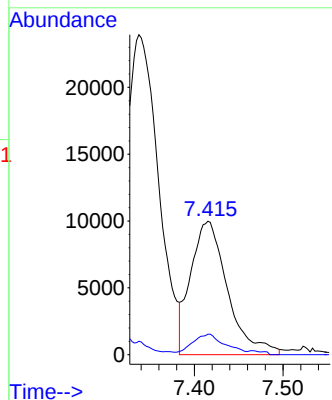
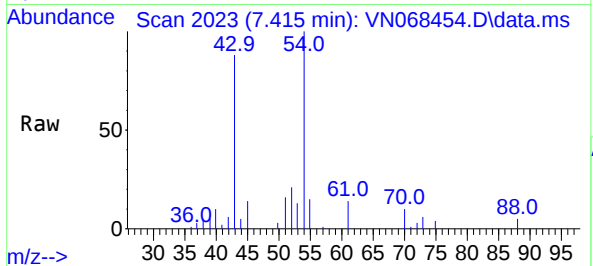
VSTDIC005

Tgt Ion: 43 Resp: 2880
Ion Ratio Lower Upper
43 100
45 11.3 0.4 0.6

Manual Integrations

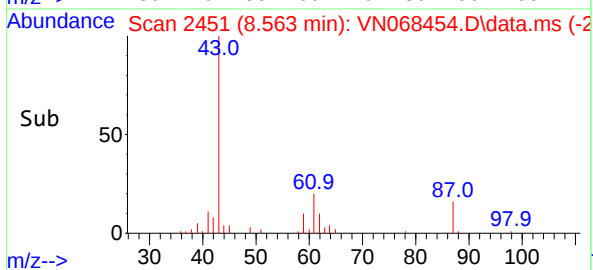
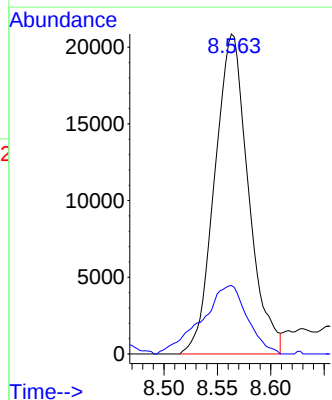
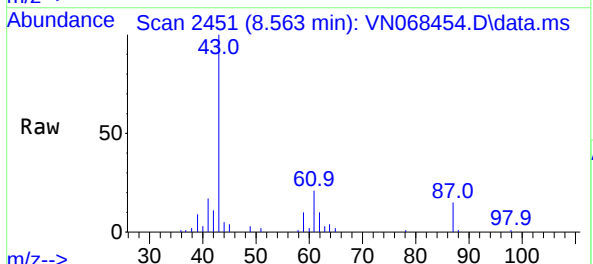
APPROVED

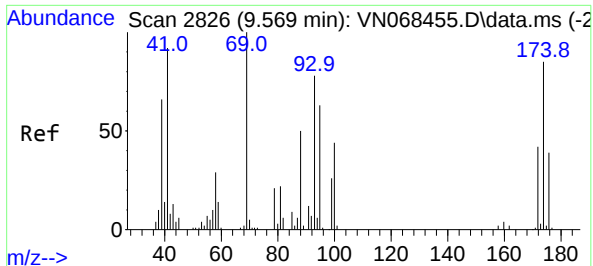
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021



#44
Isopropyl Acetate
Concen: 5.070 ug/l
RT: 8.563 min Scan# 2451
Delta R.T. 0.000 min
Lab File: VN068454.D
Acq: 13 Sep 2021 13:39

Tgt Ion: 43 Resp: 45742
Ion Ratio Lower Upper
43 100
61 29.1 22.7 34.1





#45

1,4-Dioxane

Concen: 89.624 ug/l

RT: 9.574 min Scan# 2826

Delta R.T. 0.005 min

Lab File: VN068454.D

Acq: 13 Sep 2021 13:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 88 Resp: 819

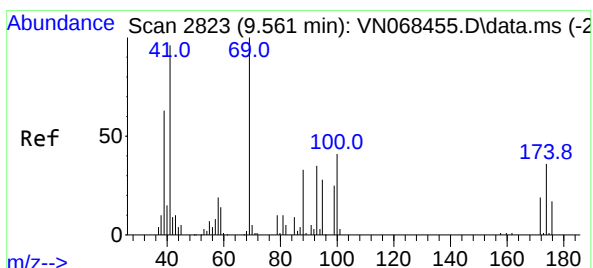
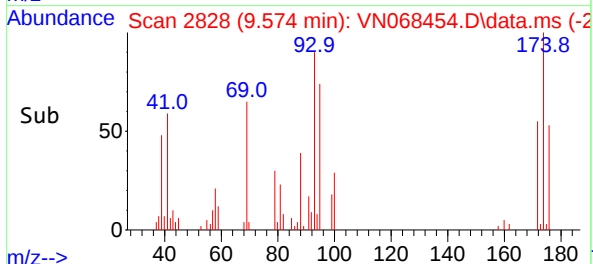
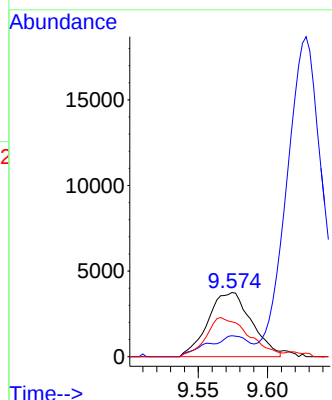
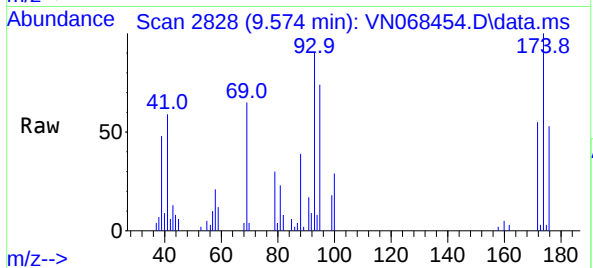
Ion	Ratio	Lower	Upper
88	100		
43	12.5	21.0	31.4
58	60.1	47.0	70.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2021

Supervised By :Mahesh Dadoda 09/14/2021



#46

Methyl methacrylate

Concen: 4.831 ug/l

RT: 9.561 min Scan# 2823

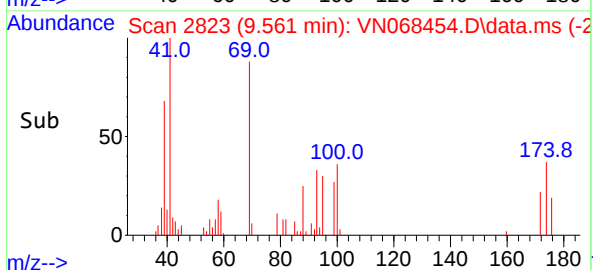
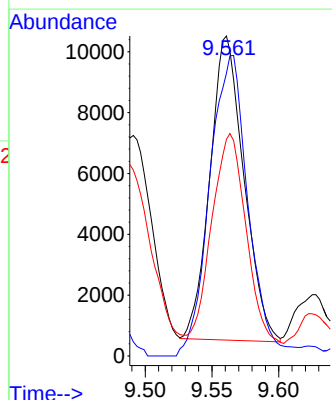
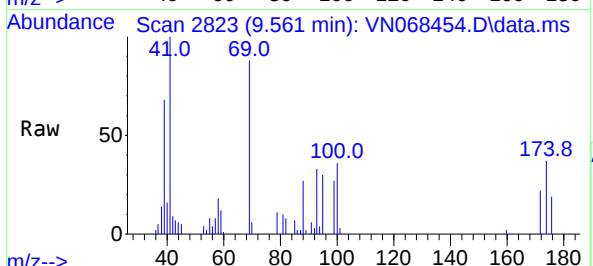
Delta R.T. 0.000 min

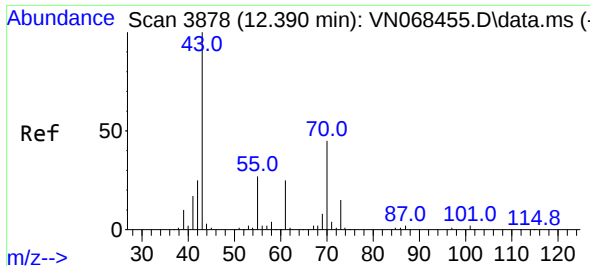
Lab File: VN068454.D

Acq: 13 Sep 2021 13:39

Tgt Ion: 41 Resp: 17664

Ion	Ratio	Lower	Upper
41	100		
69	91.1	51.4	154.3
39	67.0	33.1	99.2





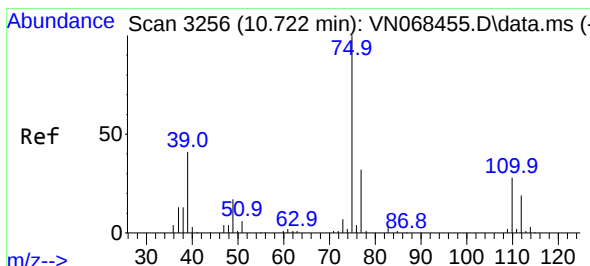
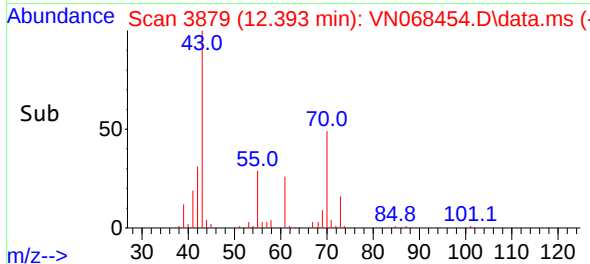
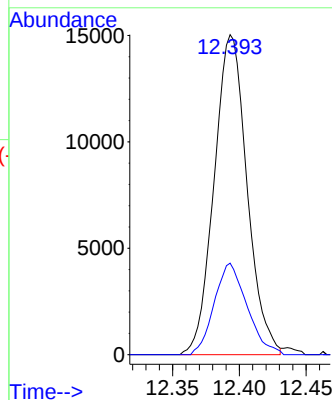
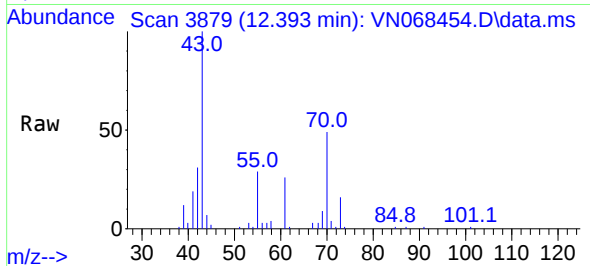
#47
n-amy1 Acetate
Concen: 4.064 ug/l
RT: 12.393 min Scan# 3878
Delta R.T. 0.003 min
Lab File: VN068454.D
Acq: 13 Sep 2021 13:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 25790
Ion Ratio Lower Upper
43 100
55 28.5 21.7 32.5

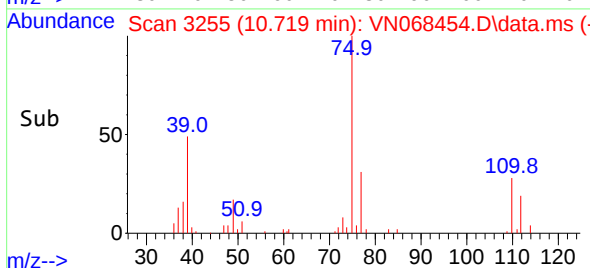
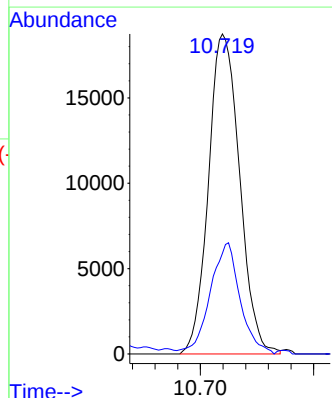
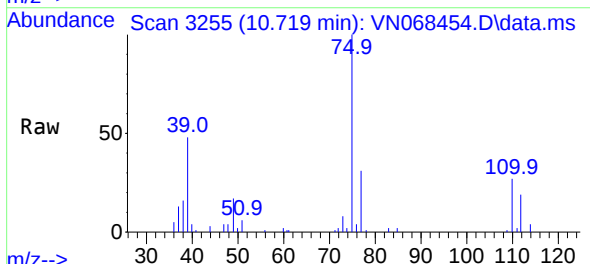
Manual Integrations
APPROVED

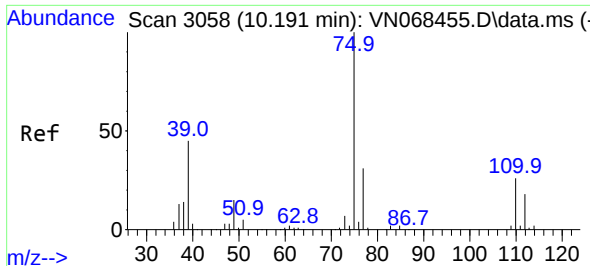
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021



#48
t-1,3-Dichloropropene
Concen: 4.727 ug/l
RT: 10.719 min Scan# 3255
Delta R.T. -0.003 min
Lab File: VN068454.D
Acq: 13 Sep 2021 13:39

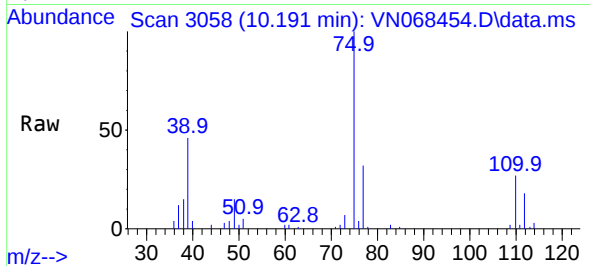
Tgt Ion: 75 Resp: 35782
Ion Ratio Lower Upper
75 100
77 30.4 26.0 39.0





#49
 cis-1,3-Dichloropropene
 Concen: 4.967 ug/l
 RT: 10.191 min Scan# 3058
 Delta R.T. 0.000 min
 Lab File: VN068454.D
 Acq: 13 Sep 2021 13:39

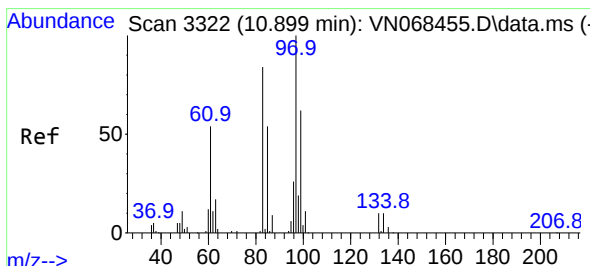
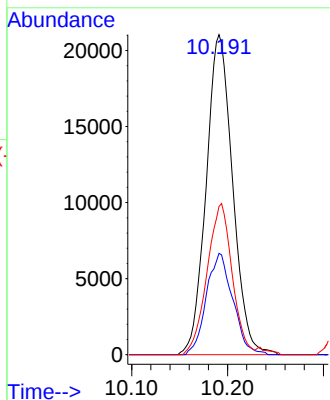
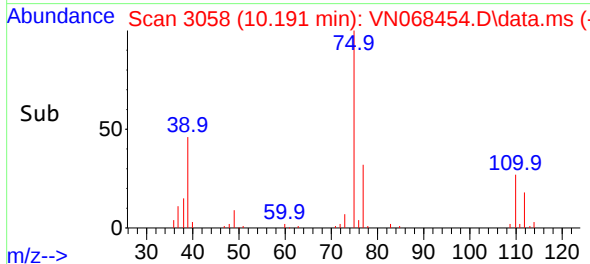
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005



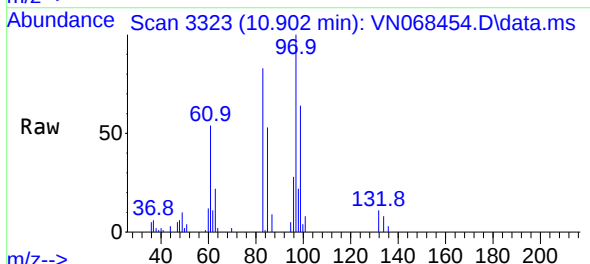
Tgt Ion: 75 Resp: 4040
 Ion Ratio Lower Upper
 75 100
 77 31.7 24.6 36.8
 39 46.3 35.9 53.9

Manual Integrations
 APPROVED

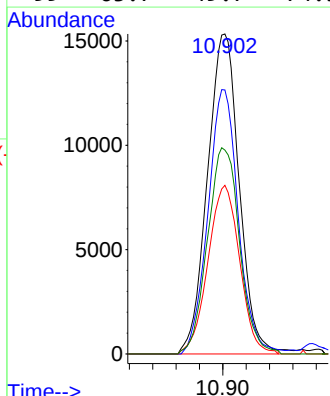
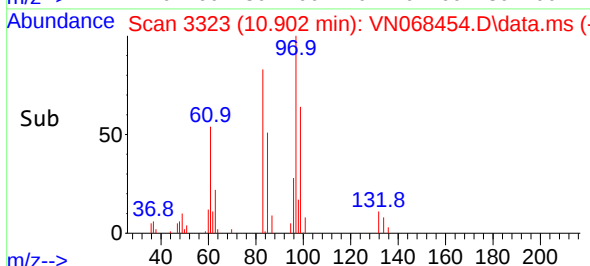
Reviewed By :John Carlone 09/14/2021
 Supervised By :Mahesh Dadoda 09/14/2021

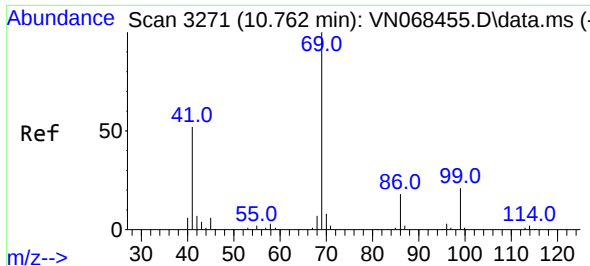


#50
 1,1,2-Trichloroethane
 Concen: 5.161 ug/l
 RT: 10.902 min Scan# 3323
 Delta R.T. 0.003 min
 Lab File: VN068454.D
 Acq: 13 Sep 2021 13:39



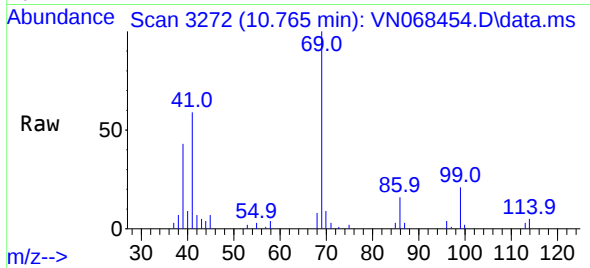
Tgt Ion: 97 Resp: 28851
 Ion Ratio Lower Upper
 97 100
 83 82.5 66.8 100.2
 85 52.7 43.5 65.3
 99 63.7 49.7 74.5





#51
Ethyl methacrylate
Concen: 4.431 ug/l
RT: 10.765 min Scan# 3180
Delta R.T. 0.003 min
Lab File: VN068454.D
Acq: 13 Sep 2021 13:39

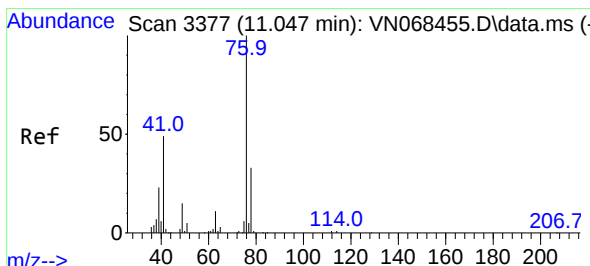
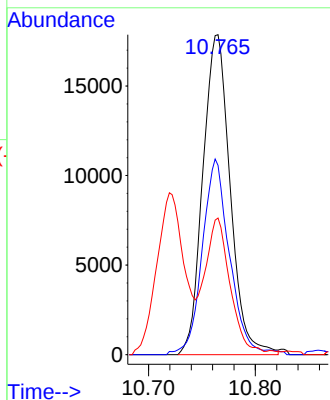
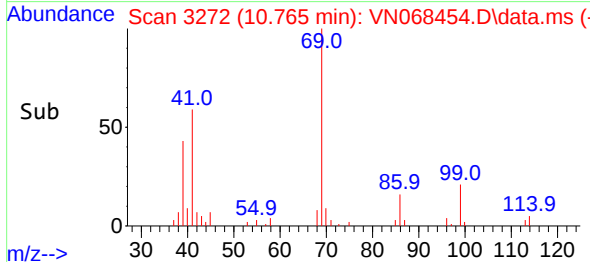
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 69 Resp: 3180
Ion Ratio Lower Upper
69 100
41 58.1 26.1 78.3
39 41.8 18.0 54.0

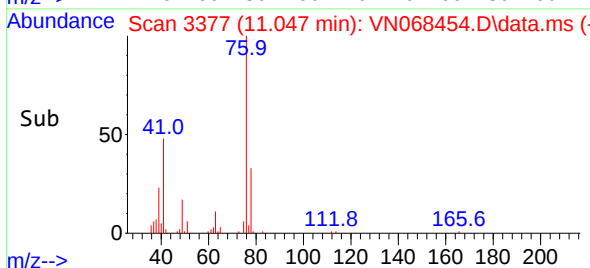
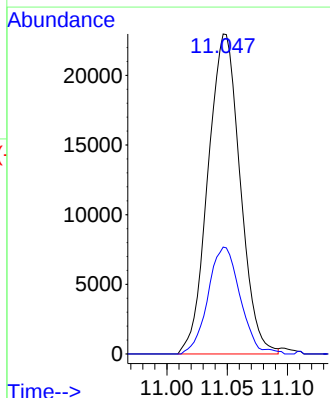
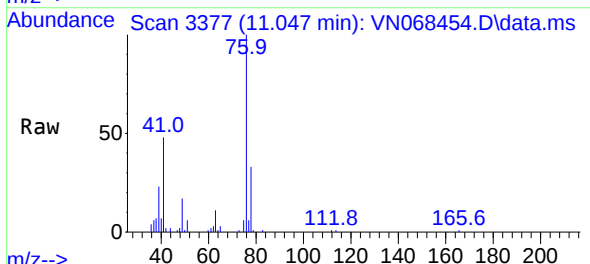
Manual Integrations
APPROVED

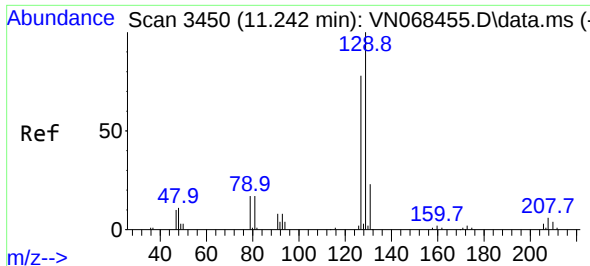
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021



#52
1,3-Dichloropropane
Concen: 5.129 ug/l
RT: 11.047 min Scan# 3377
Delta R.T. 0.000 min
Lab File: VN068454.D
Acq: 13 Sep 2021 13:39

Tgt Ion: 76 Resp: 42639
Ion Ratio Lower Upper
76 100
78 32.7 0.0 66.4





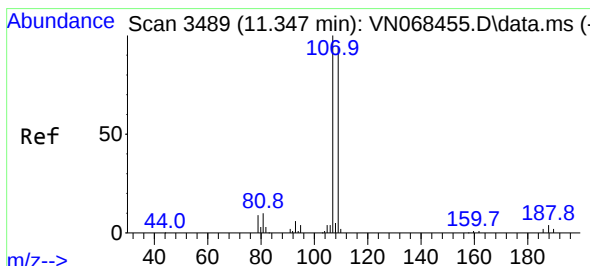
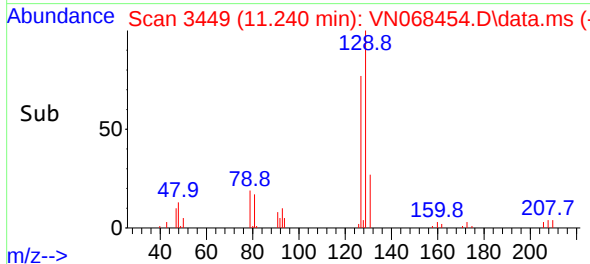
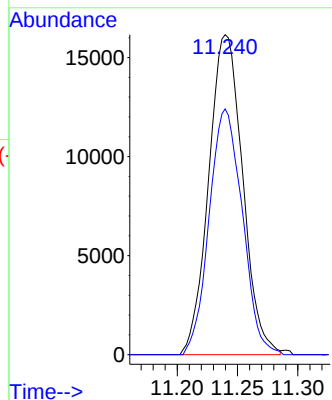
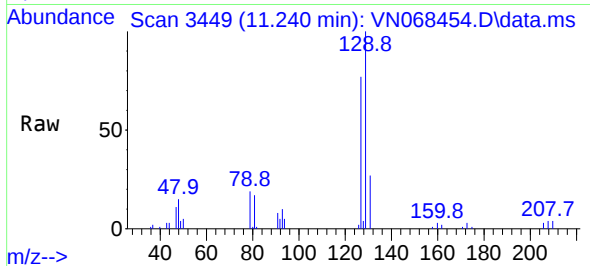
#53
Dibromochloromethane
Concen: 4.607 ug/l
RT: 11.240 min Scan# 3450
Delta R.T. -0.003 min
Lab File: VN068454.D
Acq: 13 Sep 2021 13:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:129 Resp: 3166
Ion Ratio Lower Upper
129 100
127 75.0 38.5 115.5

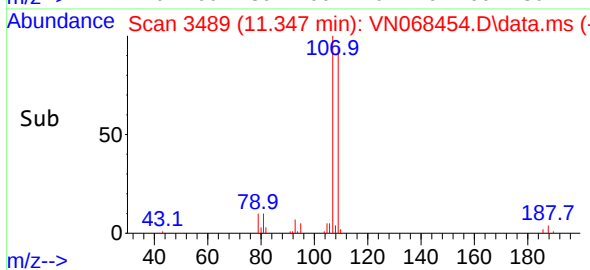
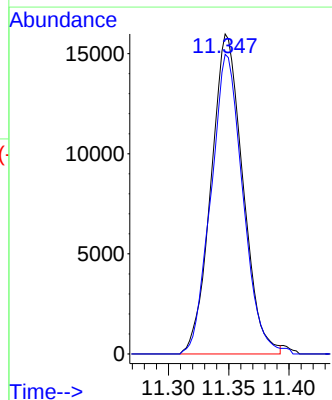
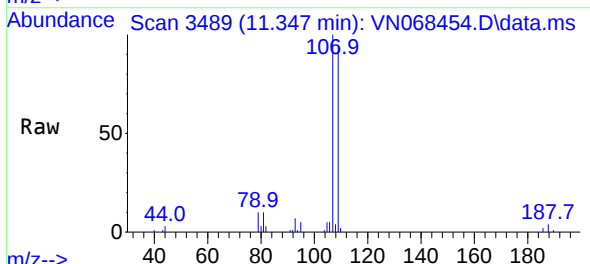
Manual Integrations
APPROVED

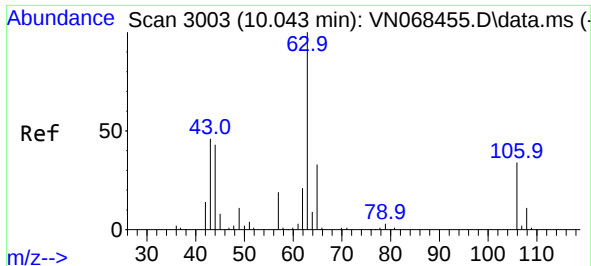
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021



#54
1,2-Dibromoethane
Concen: 4.886 ug/l
RT: 11.347 min Scan# 3489
Delta R.T. 0.000 min
Lab File: VN068454.D
Acq: 13 Sep 2021 13:39

Tgt Ion:107 Resp: 29293
Ion Ratio Lower Upper
107 100
109 93.6 77.0 115.4





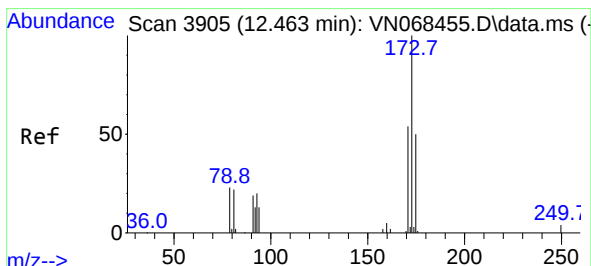
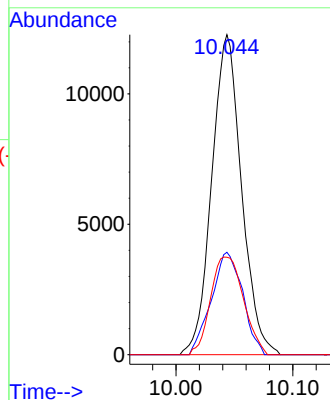
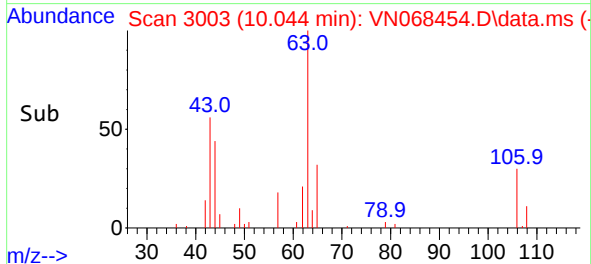
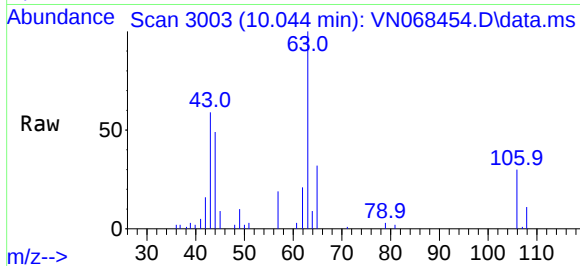
#55
2-Chloroethyl vinyl ether
Concen: 17.884 ug/l
RT: 10.044 min Scan# 3003
Delta R.T. 0.000 min
Lab File: VN068454.D
Acq: 13 Sep 2021 13:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 63 Resp: 21730
Ion Ratio Lower Upper
63 100
65 33.7 26.2 39.2
106 33.8 27.7 41.5

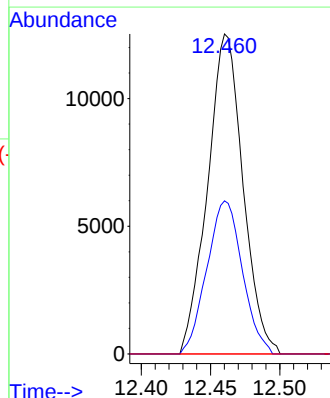
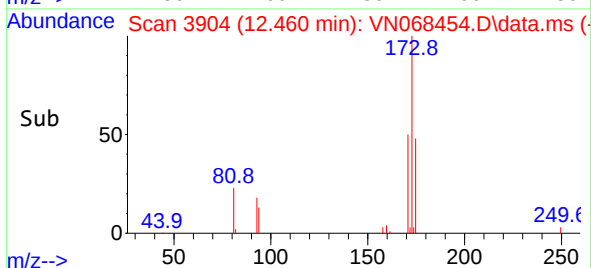
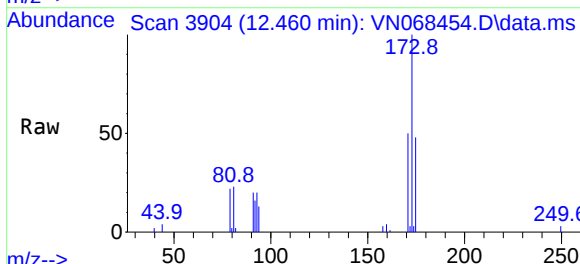
Manual Integrations
APPROVED

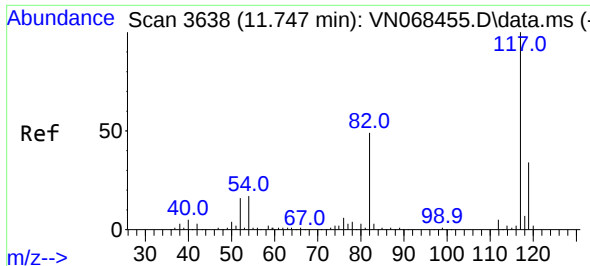
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021



#56
Bromoform
Concen: 4.033 ug/l
RT: 12.460 min Scan# 3904
Delta R.T. -0.003 min
Lab File: VN068454.D
Acq: 13 Sep 2021 13:39

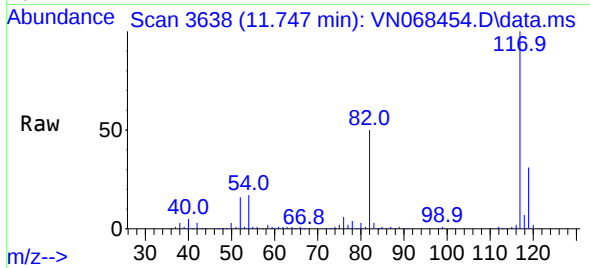
Tgt Ion:173 Resp: 22269
Ion Ratio Lower Upper
173 100
175 48.1 38.8 58.2
254 0.0 0.0 0.0





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN068454.D
Acq: 13 Sep 2021 13:39

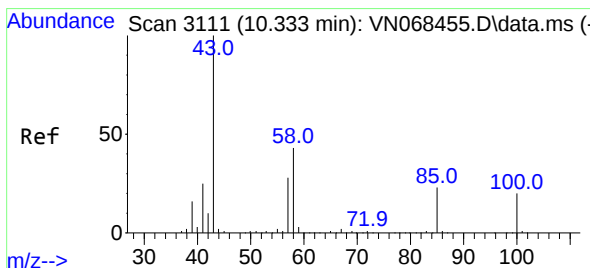
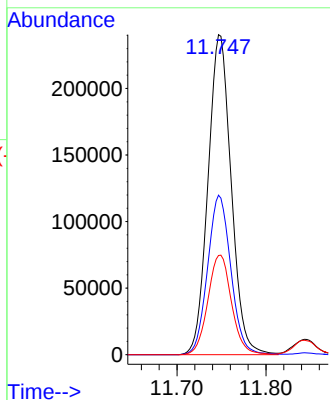
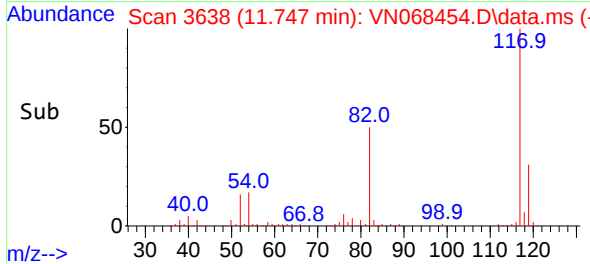
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 117 Resp: 435508
Ion Ratio Lower Upper
117 100
82 50.0 39.4 59.0
119 31.8 26.2 39.2

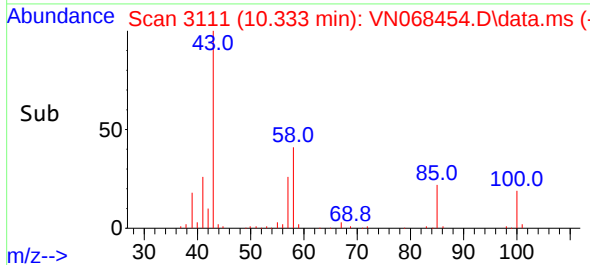
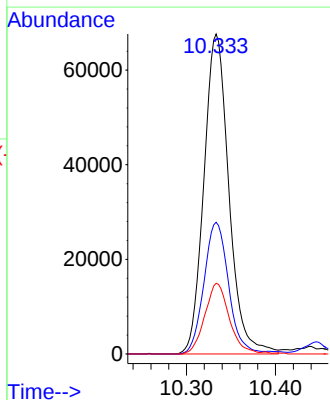
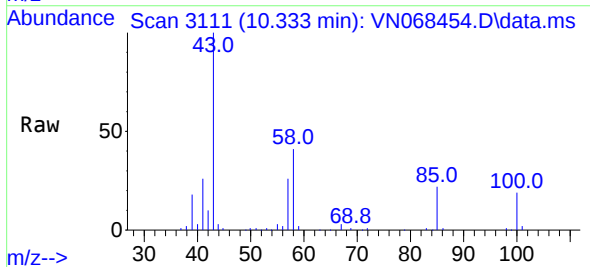
Manual Integrations
APPROVED

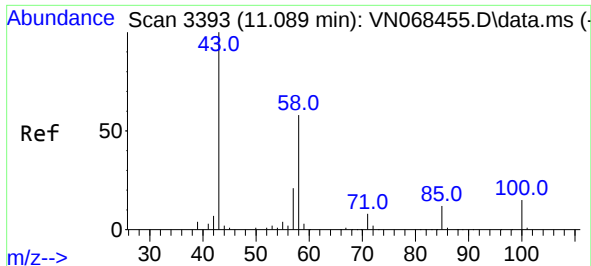
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021



#58
4-Methyl-2-Pentanone
Concen: 25.772 ug/l
RT: 10.333 min Scan# 3111
Delta R.T. 0.000 min
Lab File: VN068454.D
Acq: 13 Sep 2021 13:39

Tgt Ion: 43 Resp: 132127
Ion Ratio Lower Upper
43 100
58 40.4 33.3 49.9
85 21.5 18.6 27.8





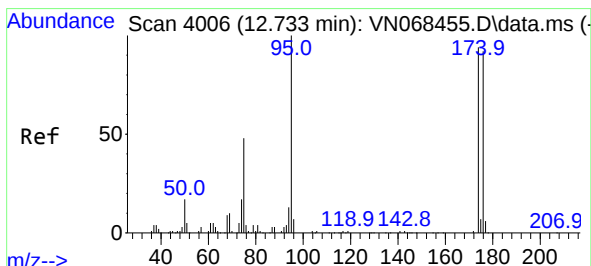
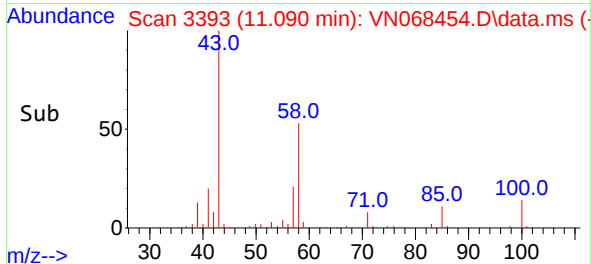
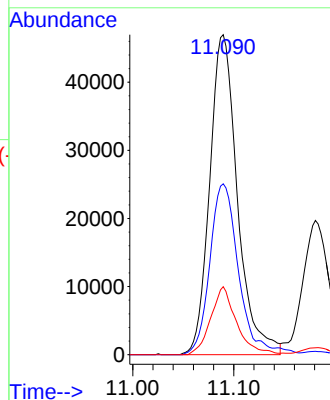
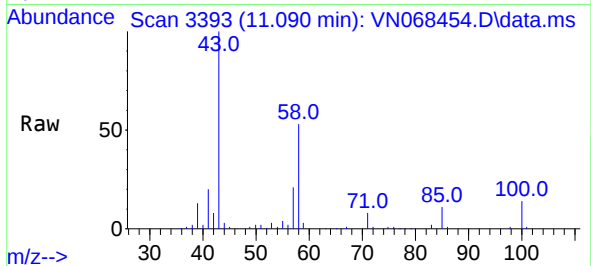
#59
2-Hexanone
Concen: 25.259 ug/l
RT: 11.090 min Scan# 311
Delta R.T. 0.000 min
Lab File: VN068454.D
Acq: 13 Sep 2021 13:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 89740
Ion Ratio Lower Upper
43 100
58 52.5 46.4 69.6
57 19.7 16.6 25.0

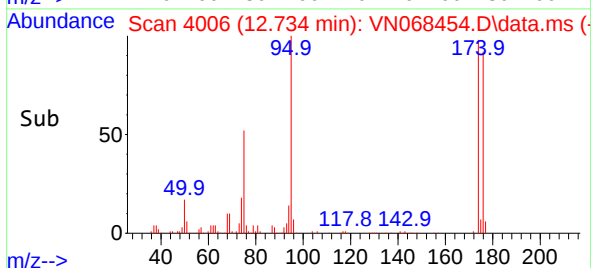
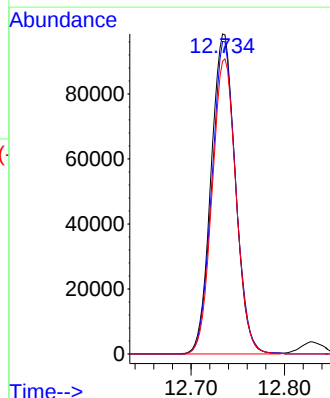
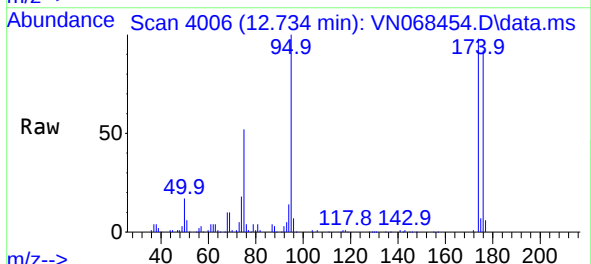
Manual Integrations
APPROVED

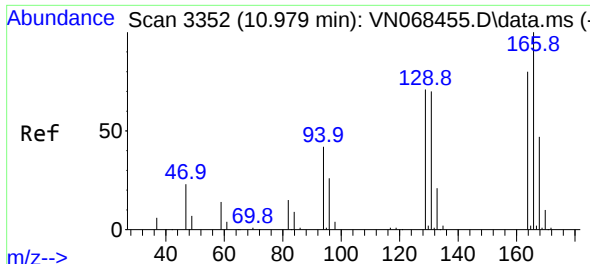
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021



#60
4-Bromofluorobenzene
Concen: 28.604 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN068454.D
Acq: 13 Sep 2021 13:39

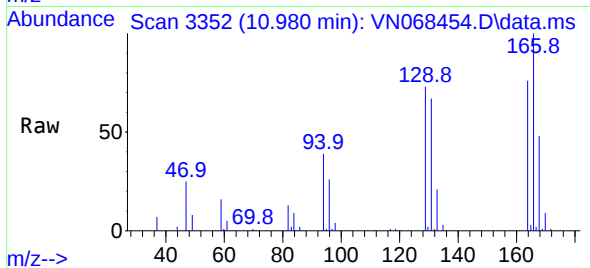
Tgt Ion: 95 Resp: 177561
Ion Ratio Lower Upper
95 100
174 95.9 78.0 117.0
176 91.1 76.4 114.6





#61
Tetrachloroethene
Concen: 5.316 ug/l
RT: 10.980 min Scan# 311
Delta R.T. 0.000 min
Lab File: VN068454.D
Acq: 13 Sep 2021 13:39

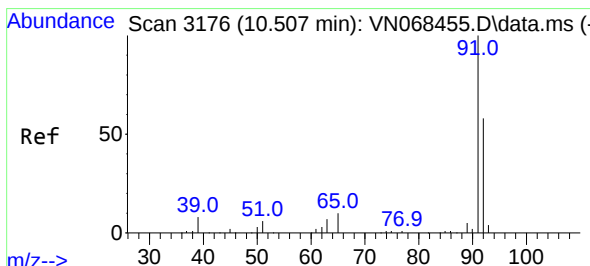
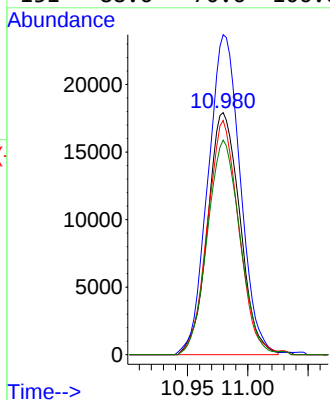
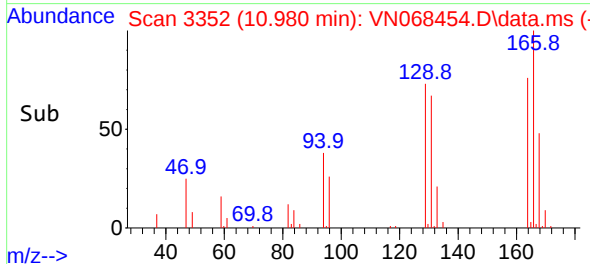
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



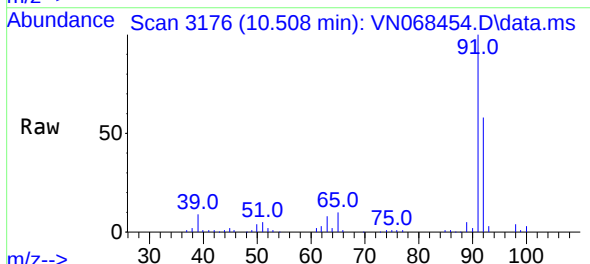
Tgt Ion:164 Resp: 3329
Ion Ratio Lower Upper
164 100
166 131.1 100.4 150.6
129 96.7 71.4 107.0
131 88.6 70.6 106.0

Manual Integrations
APPROVED

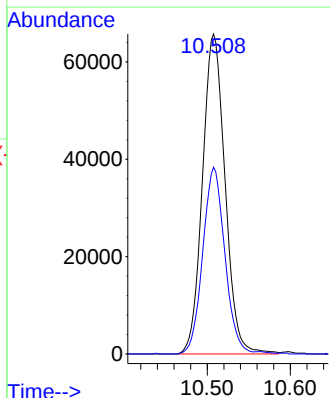
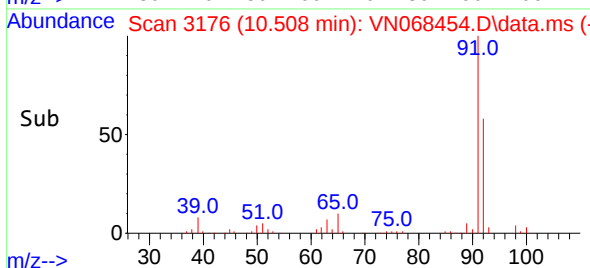
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021

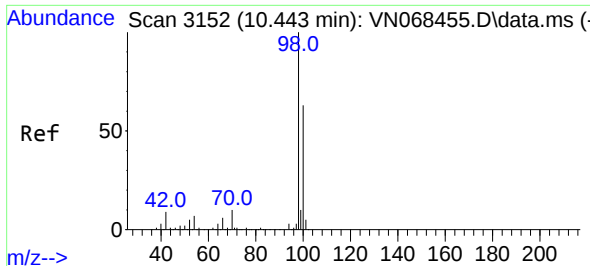


#62
Toluene
Concen: 5.419 ug/l
RT: 10.508 min Scan# 3176
Delta R.T. 0.000 min
Lab File: VN068454.D
Acq: 13 Sep 2021 13:39



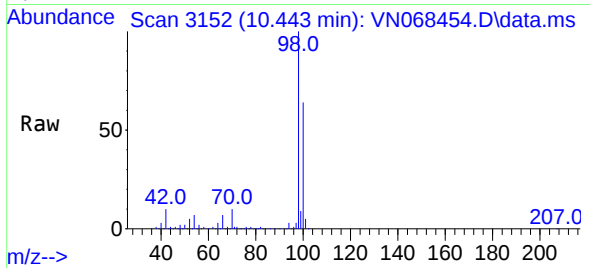
Tgt Ion: 91 Resp: 124203
Ion Ratio Lower Upper
91 100
92 56.9 45.8 68.6





#63
Toluene-d8
Concen: 31.401 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN068454.D
Acq: 13 Sep 2021 13:39

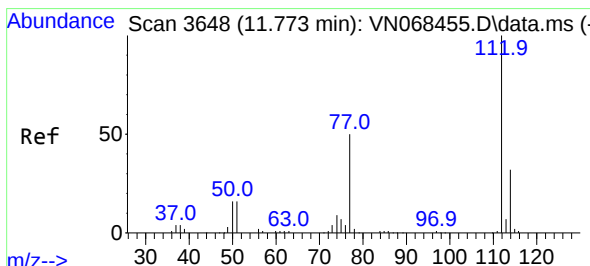
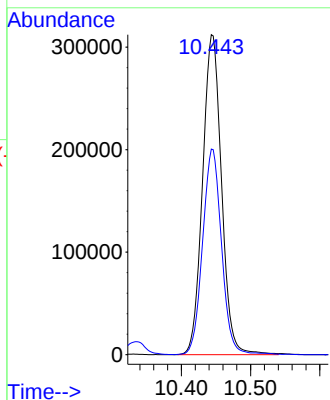
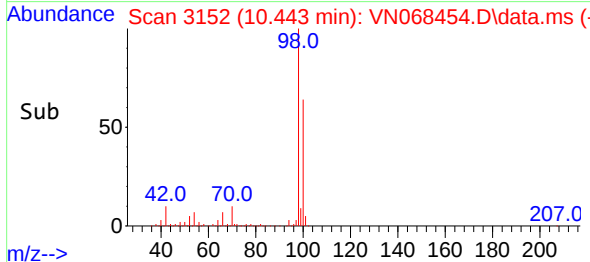
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion: 98 Resp: 594925
Ion Ratio Lower Upper
98 100
100 63.7 50.9 76.3

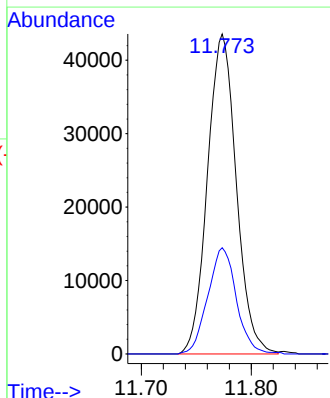
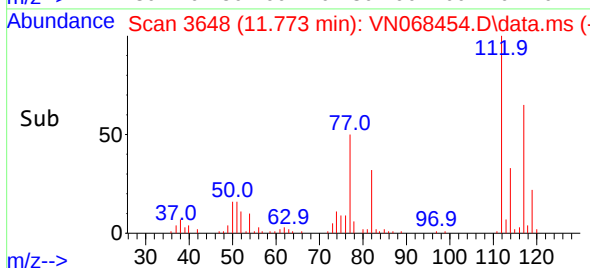
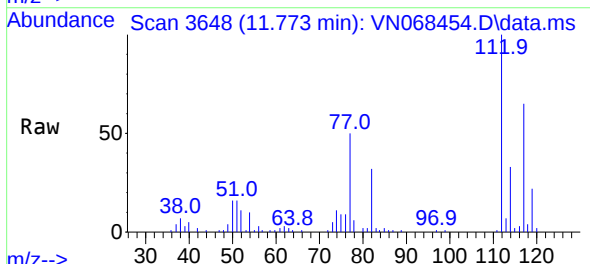
Manual Integrations
APPROVED

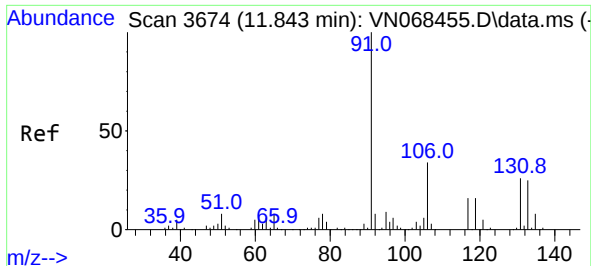
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021



#64
Chlorobenzene
Concen: 5.247 ug/l
RT: 11.773 min Scan# 3648
Delta R.T. 0.000 min
Lab File: VN068454.D
Acq: 13 Sep 2021 13:39

Tgt Ion:112 Resp: 79322
Ion Ratio Lower Upper
112 100
114 33.2 25.8 38.6





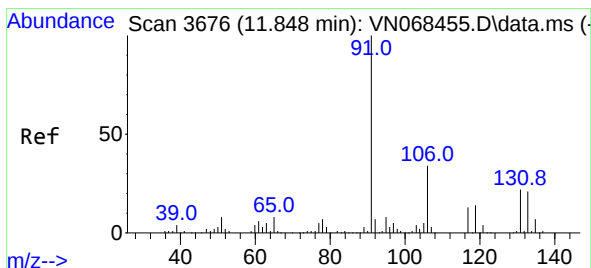
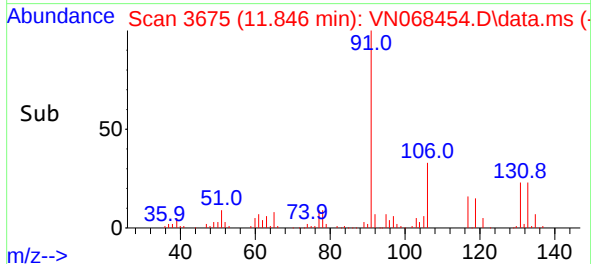
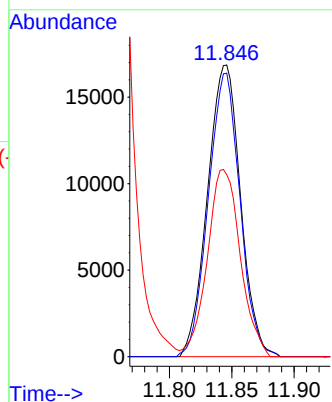
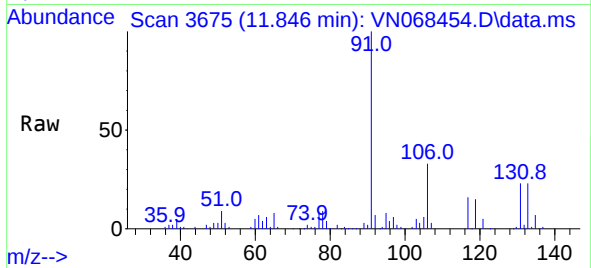
#65
1,1,1,2-Tetrachloroethane
Concen: 5.045 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. 0.003 min
Lab File: VN068454.D
Acq: 13 Sep 2021 13:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion:131 Resp: 31120
Ion Ratio Lower Upper
131 100
133 93.1 0.0 192.2
119 64.0 0.0 127.0

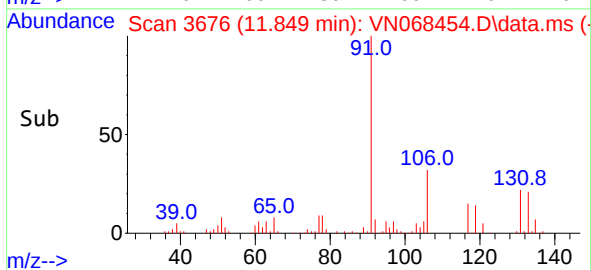
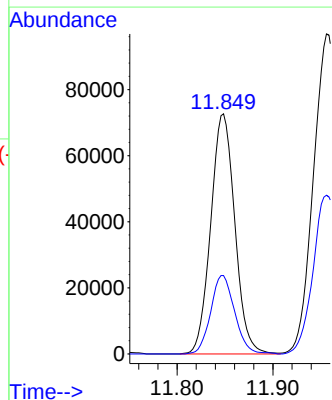
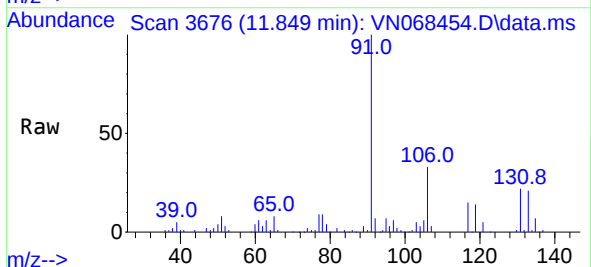
Manual Integrations
APPROVED

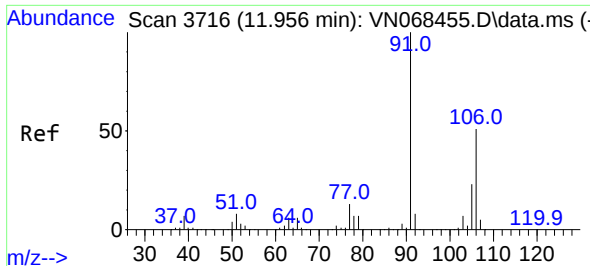
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021



#66
Ethyl Benzene
Concen: 5.092 ug/l
RT: 11.849 min Scan# 3676
Delta R.T. 0.000 min
Lab File: VN068454.D
Acq: 13 Sep 2021 13:39

Tgt Ion: 91 Resp: 126847
Ion Ratio Lower Upper
91 100
106 32.7 27.2 40.8





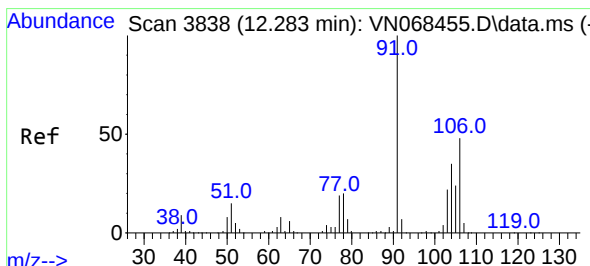
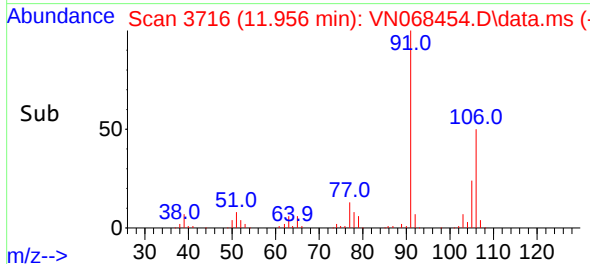
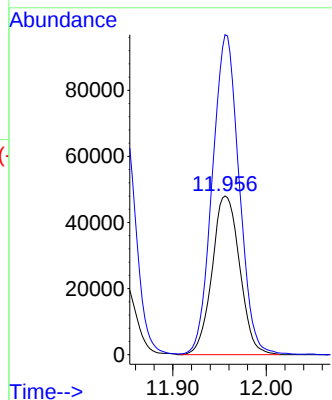
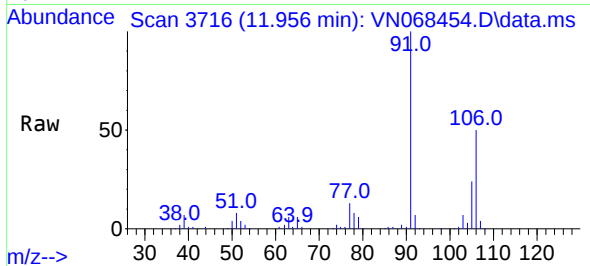
#67
m/p-Xylenes
Concen: 9.611 ug/l
RT: 11.956 min Scan# 3716
Delta R.T. 0.000 min
Lab File: VN068454.D
Acq: 13 Sep 2021 13:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:106 Resp: 9868
Ion Ratio Lower Upper
106 100
91 195.5 152.7 229.1

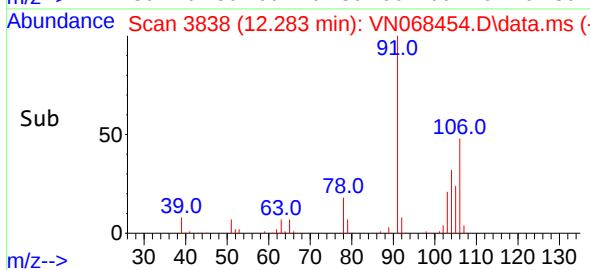
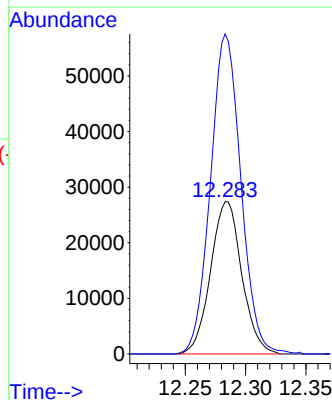
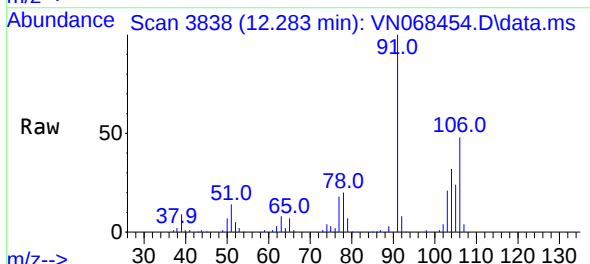
Manual Integrations
APPROVED

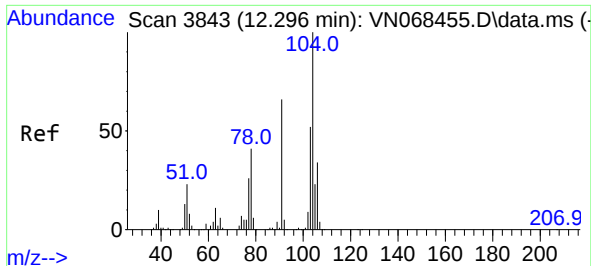
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021



#68
o-Xylene
Concen: 4.860 ug/l
RT: 12.283 min Scan# 3838
Delta R.T. 0.000 min
Lab File: VN068454.D
Acq: 13 Sep 2021 13:39

Tgt Ion:106 Resp: 49276
Ion Ratio Lower Upper
106 100
91 204.9 101.5 304.5





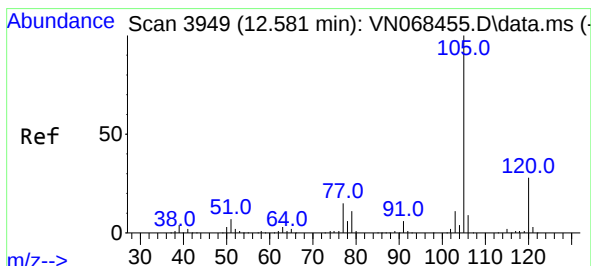
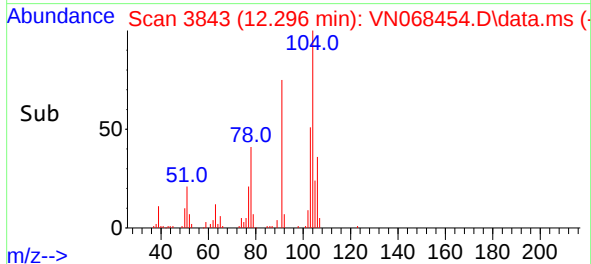
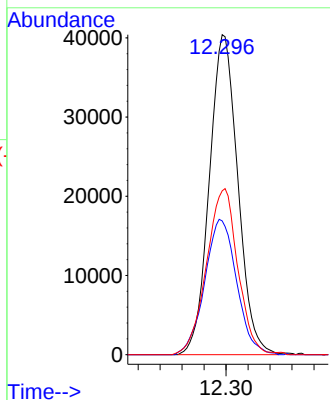
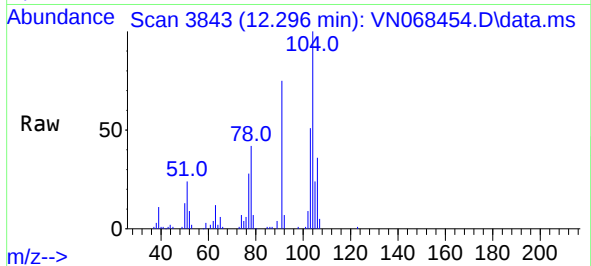
#69
Styrene
Concen: 4.525 ug/l
RT: 12.296 min Scan# 3843
Delta R.T. 0.000 min
Lab File: VN068454.D
Acq: 13 Sep 2021 13:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:104 Resp: 7275
Ion Ratio Lower Upper
104 100
78 47.4 36.5 54.7
103 56.9 43.5 65.3

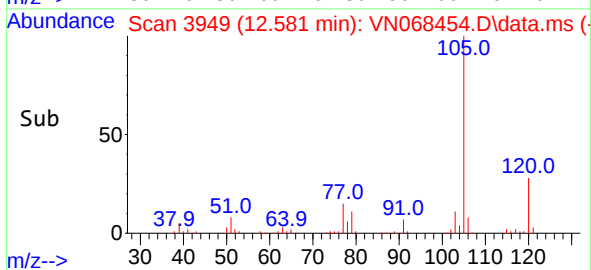
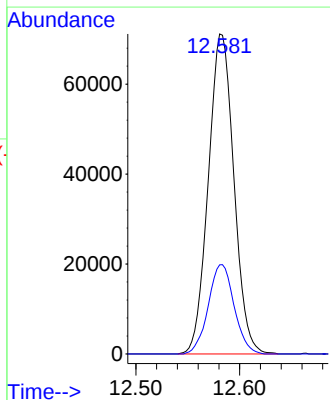
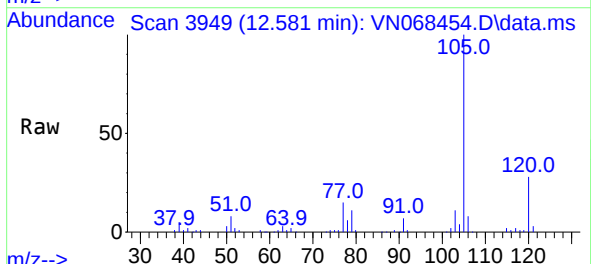
Manual Integrations
APPROVED

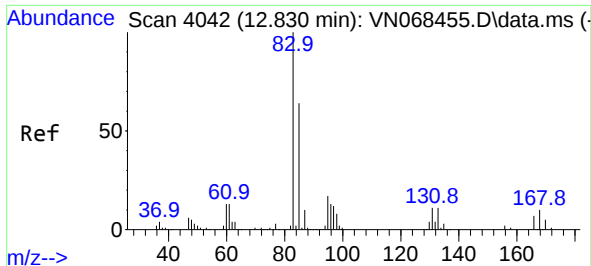
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021



#70
Isopropylbenzene
Concen: 4.735 ug/l
RT: 12.581 min Scan# 3949
Delta R.T. 0.000 min
Lab File: VN068454.D
Acq: 13 Sep 2021 13:39

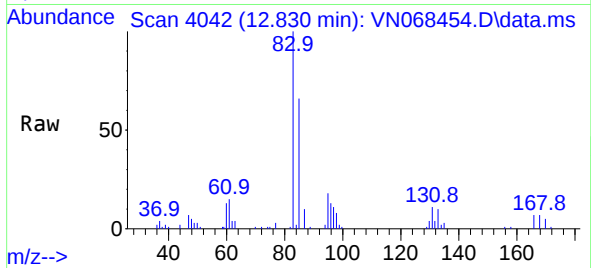
Tgt Ion:105 Resp: 121886
Ion Ratio Lower Upper
105 100
120 28.2 19.7 36.5





#71
1,1,2,2-Tetrachloroethane
Concen: 5.101 ug/l
RT: 12.830 min Scan# 4042
Delta R.T. 0.000 min
Lab File: VN068454.D
Acq: 13 Sep 2021 13:39

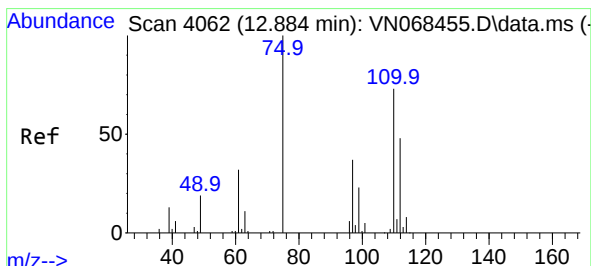
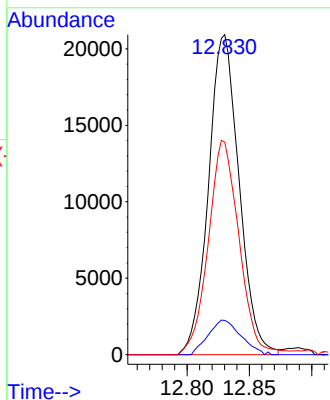
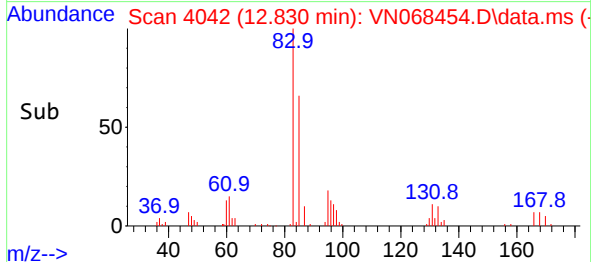
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 83 Resp: 3574
Ion Ratio Lower Upper
83 100
131 11.5 5.9 17.7
85 67.2 31.9 95.9

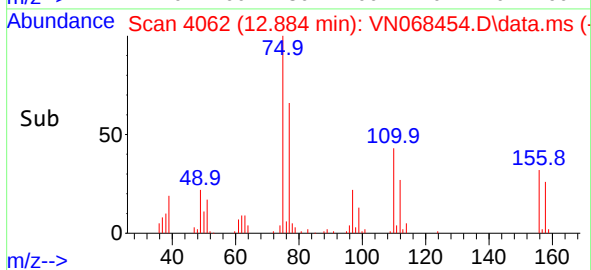
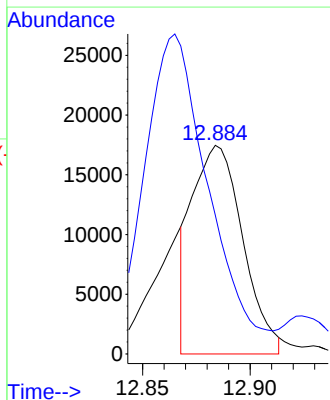
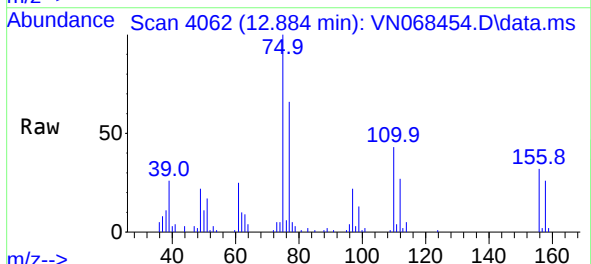
Manual Integrations
APPROVED

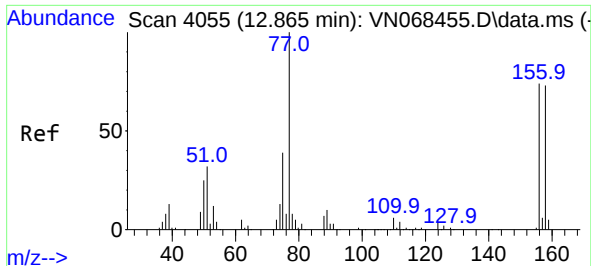
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021



#72
1,2,3-Trichloropropane
Concen: 5.091 ug/l m
RT: 12.884 min Scan# 4062
Delta R.T. 0.000 min
Lab File: VN068454.D
Acq: 13 Sep 2021 13:39

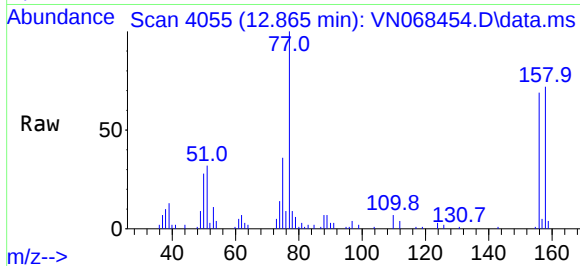
Tgt Ion: 75 Resp: 28677
Ion Ratio Lower Upper
75 100
77 195.9 0.0 357.6





#73
Bromobenzene
Concen: 4.694 ug/l
RT: 12.865 min Scan# 4055
Delta R.T. 0.000 min
Lab File: VN068454.D
Acq: 13 Sep 2021 13:39

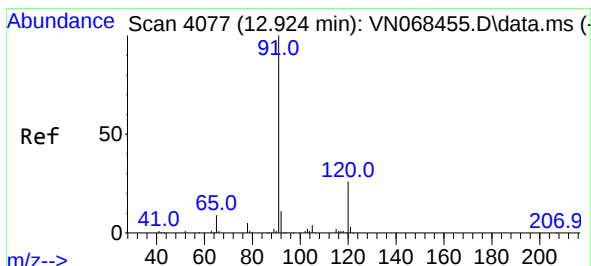
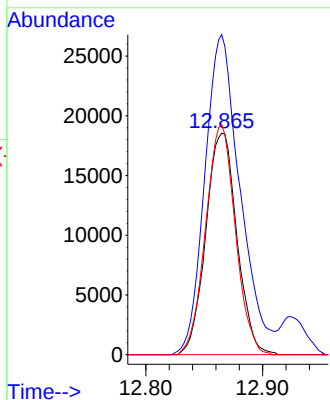
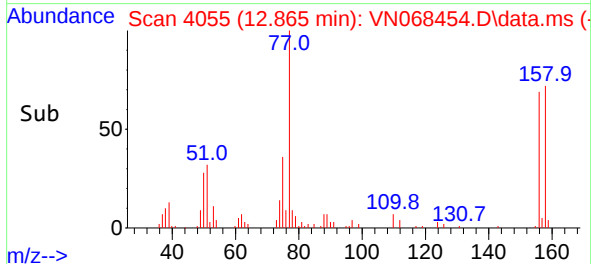
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



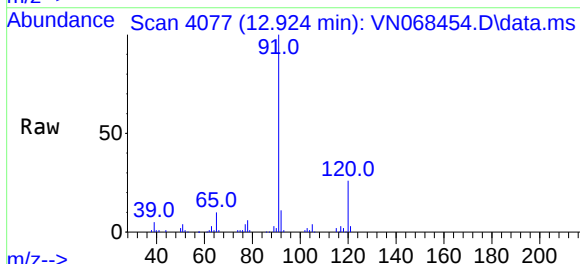
Tgt Ion:156 Resp: 34300
Ion Ratio Lower Upper
156 100
77 163.7 0.0 318.8
158 99.5 0.0 196.2

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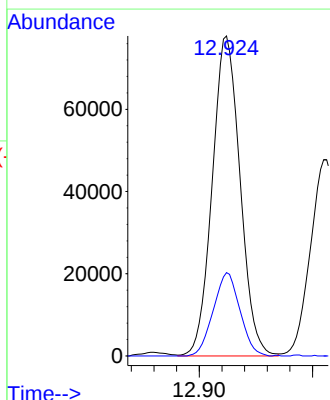
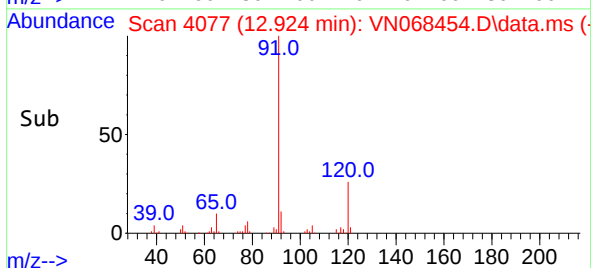
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021

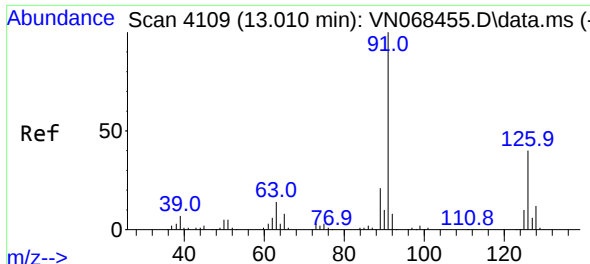


#74
n-propylbenzene
Concen: 4.783 ug/l
RT: 12.924 min Scan# 4077
Delta R.T. 0.000 min
Lab File: VN068454.D
Acq: 13 Sep 2021 13:39



Tgt Ion: 91 Resp: 132791
Ion Ratio Lower Upper
91 100
120 24.9 0.0 51.6





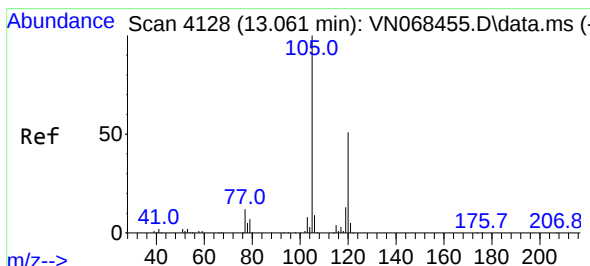
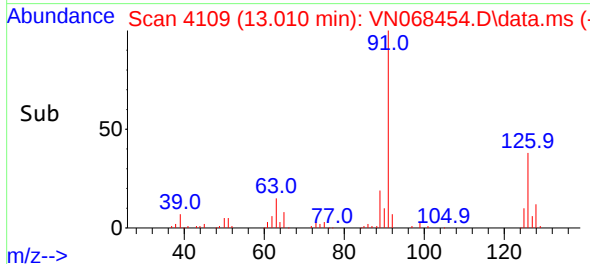
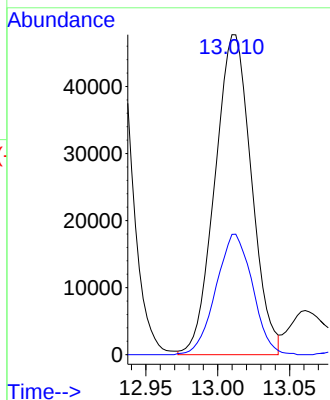
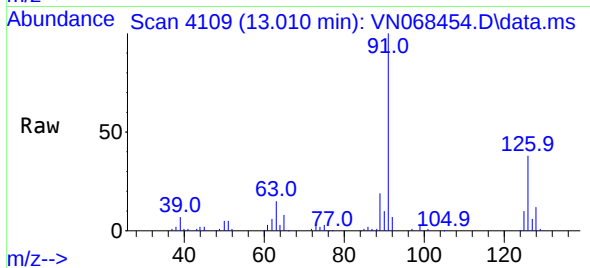
#75
2-Chlorotoluene
Concen: 5.046 ug/l
RT: 13.010 min Scan# 4109
Delta R.T. 0.000 min
Lab File: VN068454.D
Acq: 13 Sep 2021 13:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 8430
Ion Ratio Lower Upper
91 100
126 37.6 0.0 77.2

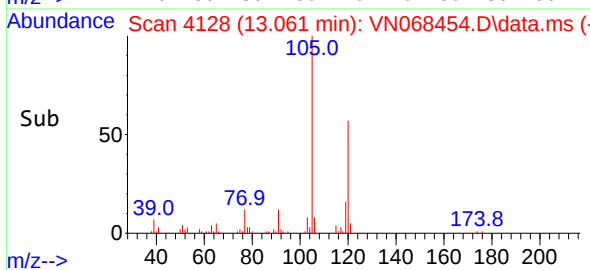
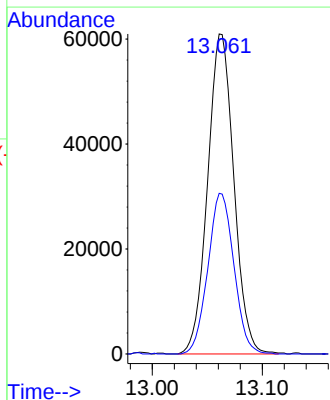
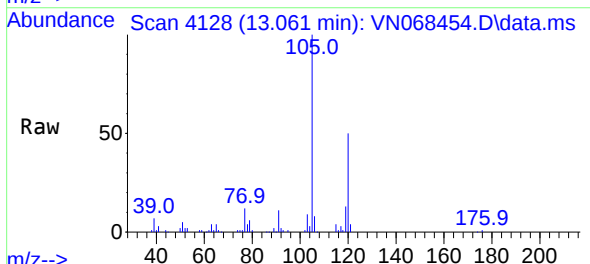
Manual Integrations
APPROVED

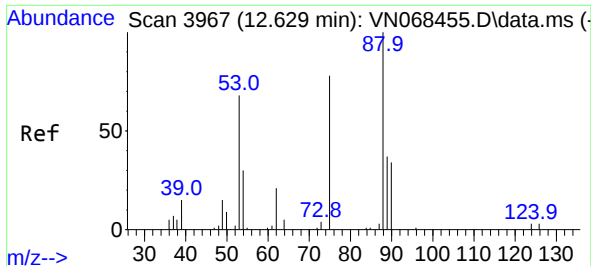
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021



#76
1,3,5-Trimethylbenzene
Concen: 4.702 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. 0.000 min
Lab File: VN068454.D
Acq: 13 Sep 2021 13:39

Tgt Ion:105 Resp: 101064
Ion Ratio Lower Upper
105 100
120 49.8 0.0 103.4





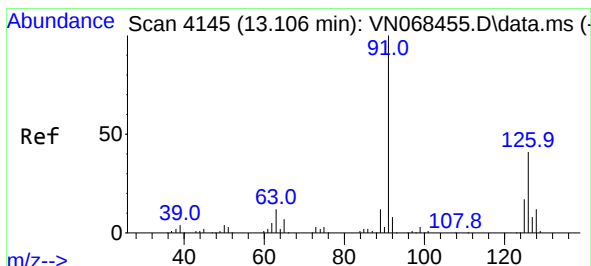
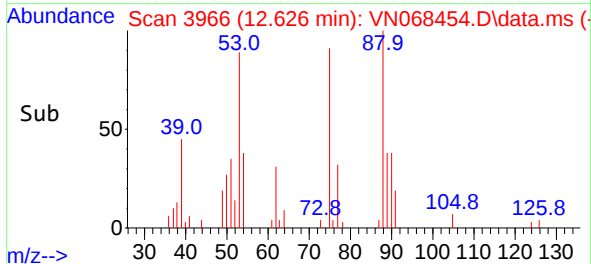
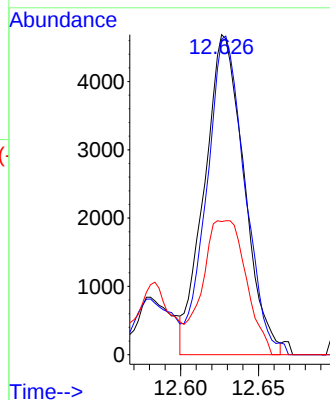
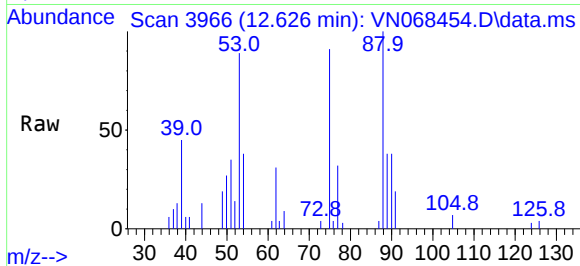
#77
t-1,4-Dichloro-2-butene
Concen: 4.300 ug/l
RT: 12.626 min Scan# 3966
Delta R.T. -0.003 min
Lab File: VN068454.D
Acq: 13 Sep 2021 13:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 75 Resp: 827
Ion Ratio Lower Upper
75 100
53 98.4 43.8 131.4
89 43.1 26.2 78.6

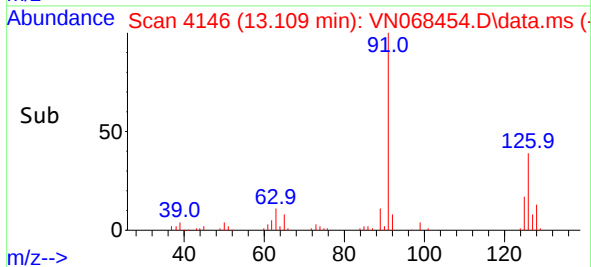
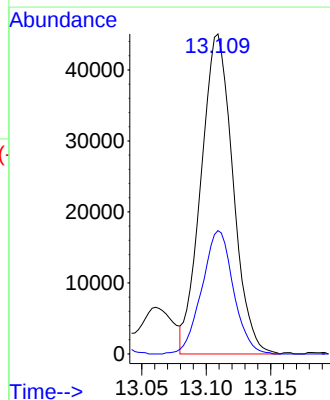
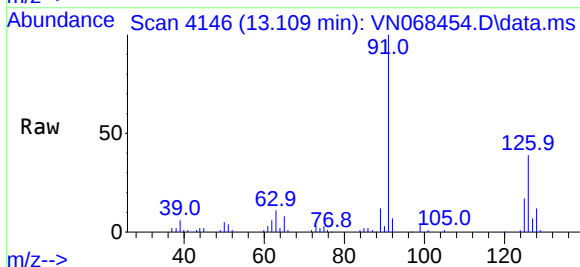
Manual Integrations
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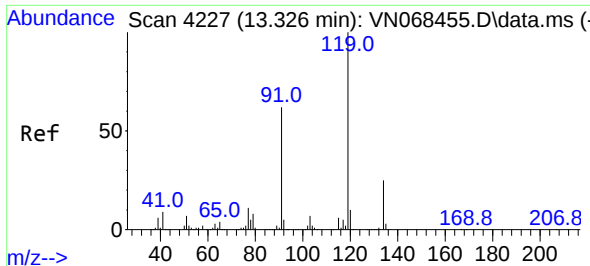
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021



#78
4-Chlorotoluene
Concen: 4.841 ug/l
RT: 13.109 min Scan# 4146
Delta R.T. 0.003 min
Lab File: VN068454.D
Acq: 13 Sep 2021 13:39

Tgt Ion: 91 Resp: 77618
Ion Ratio Lower Upper
91 100
126 38.0 0.0 77.8





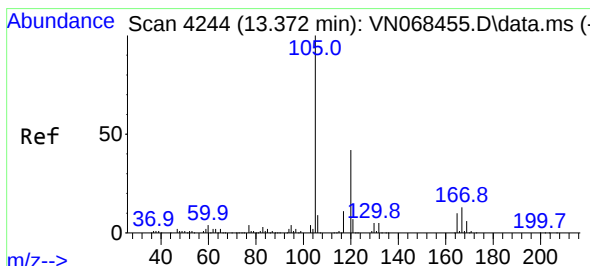
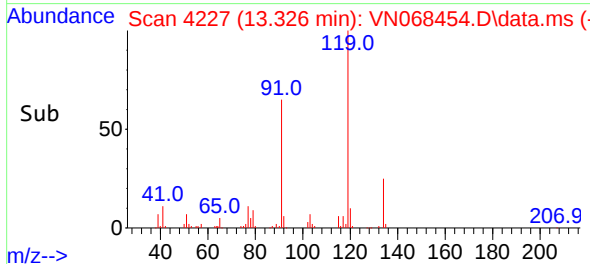
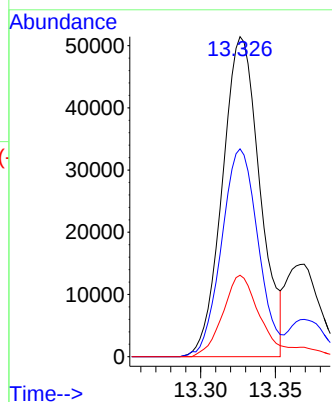
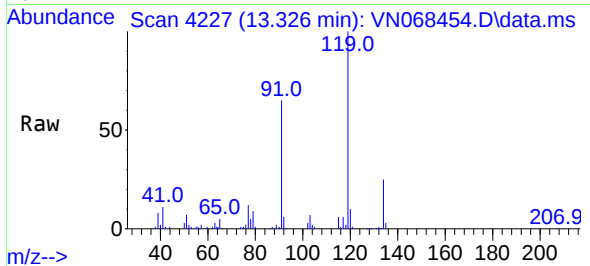
#79
tert-butylbenzene
Concen: 4.553 ug/l
RT: 13.326 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN068454.D
Acq: 13 Sep 2021 13:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:119 Resp: 8989
Ion Ratio Lower Upper
119 100
91 63.8 0.0 120.0
134 25.3 0.0 54.0

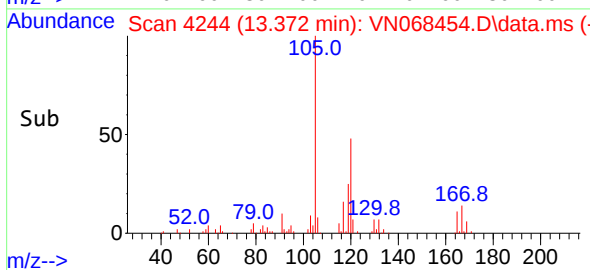
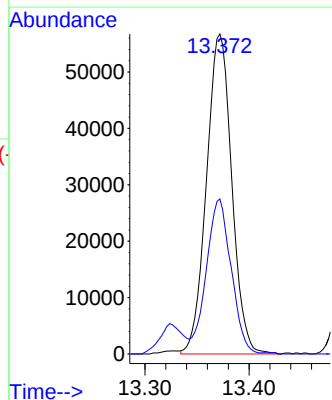
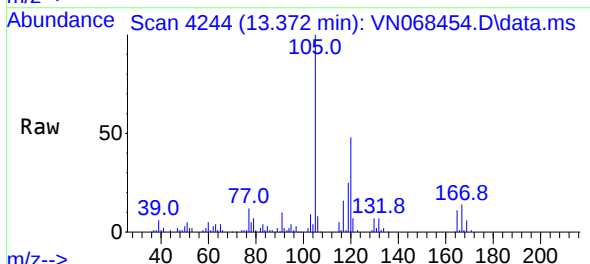
Manual Integrations
APPROVED

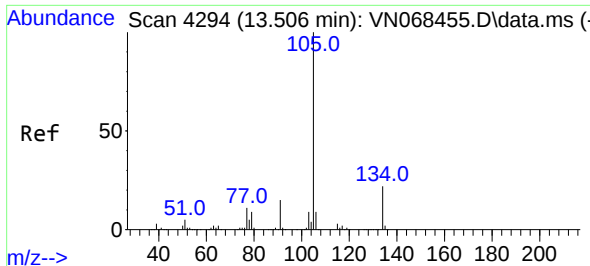
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021



#80
1,2,4-Trimethylbenzene
Concen: 3.814 ug/l m
RT: 13.372 min Scan# 4244
Delta R.T. 0.000 min
Lab File: VN068454.D
Acq: 13 Sep 2021 13:39

Tgt Ion:105 Resp: 95796
Ion Ratio Lower Upper
105 100
120 0.1 0.0 0.4





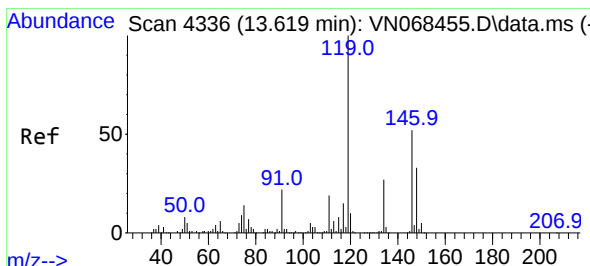
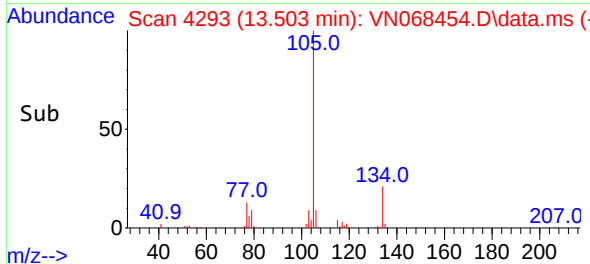
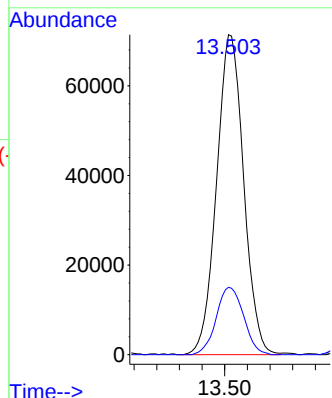
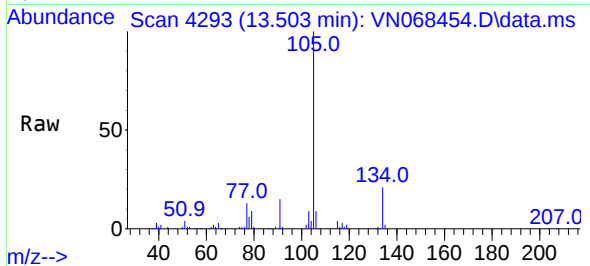
#81
 sec-Butylbenzene
 Concen: 4.537 ug/l
 RT: 13.503 min Scan# 41
 Delta R.T. -0.003 min
 Lab File: VN068454.D
 Acq: 13 Sep 2021 13:39

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tgt Ion:105 Resp: 11840
 Ion Ratio Lower Upper
 105 100
 134 21.3 0.0 43.8

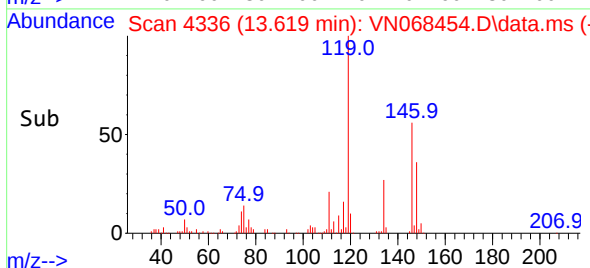
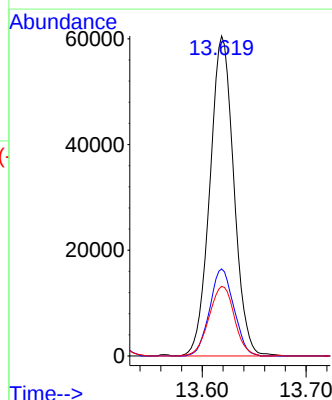
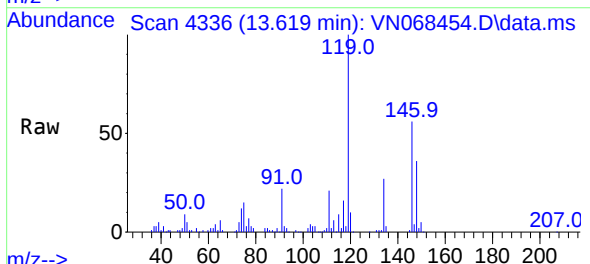
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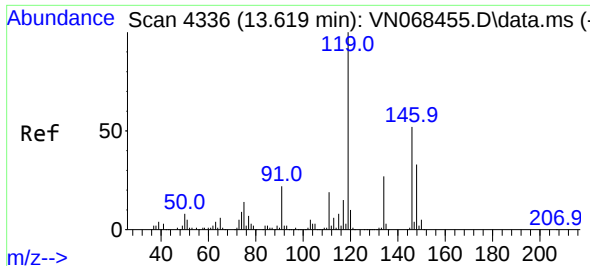
Reviewed By :John Carlone 09/14/2021
 Supervised By :Mahesh Dadoda 09/14/2021



#82
 p-Isopropyltoluene
 Concen: 4.327 ug/l
 RT: 13.619 min Scan# 4336
 Delta R.T. 0.000 min
 Lab File: VN068454.D
 Acq: 13 Sep 2021 13:39

Tgt Ion:119 Resp: 96868
 Ion Ratio Lower Upper
 119 100
 134 27.5 0.0 55.4
 91 23.2 0.0 44.4





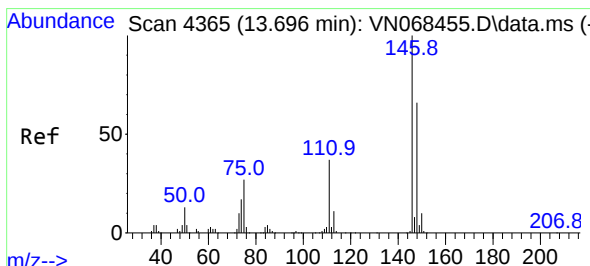
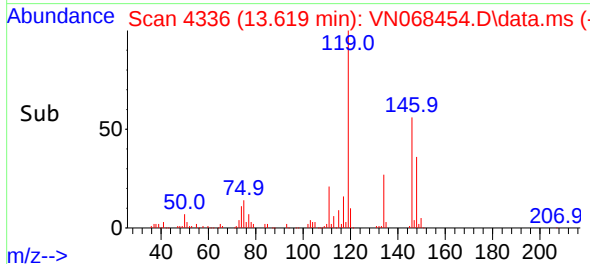
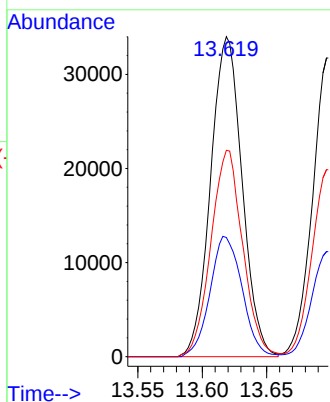
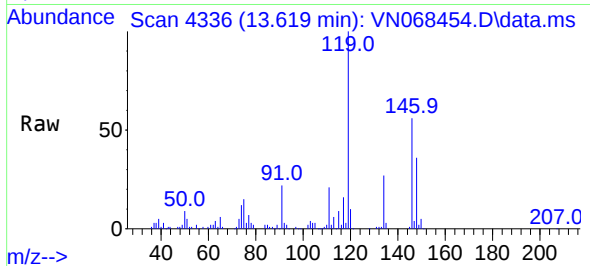
#83
1,3-Dichlorobenzene
Concen: 4.553 ug/l
RT: 13.619 min Scan# 4336
Delta R.T. 0.000 min
Lab File: VN068454.D
Acq: 13 Sep 2021 13:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:146 Resp: 5782
Ion Ratio Lower Upper
146 100
111 38.3 18.4 55.2
148 65.2 32.0 96.0

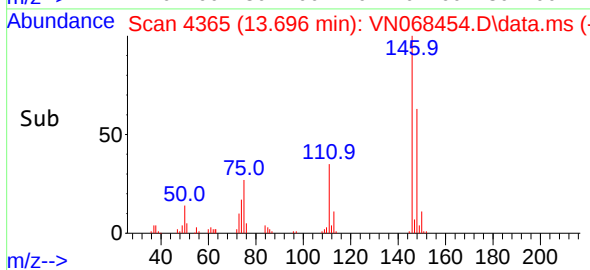
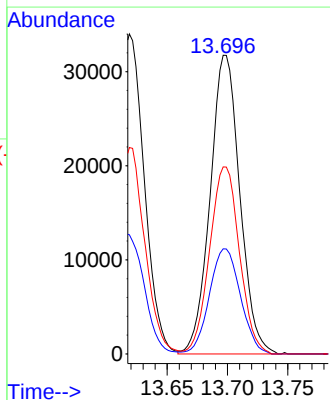
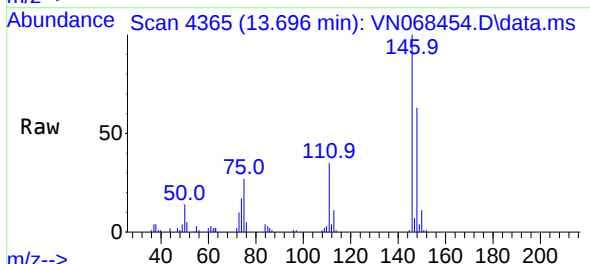
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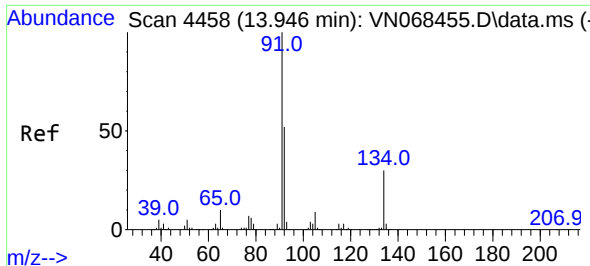
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021



#84
1,4-Dichlorobenzene
Concen: 4.474 ug/l
RT: 13.696 min Scan# 4365
Delta R.T. 0.000 min
Lab File: VN068454.D
Acq: 13 Sep 2021 13:39

Tgt Ion:146 Resp: 54440
Ion Ratio Lower Upper
146 100
111 36.8 18.2 54.6
148 63.0 32.6 97.7





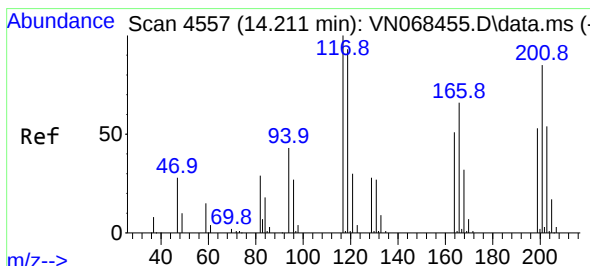
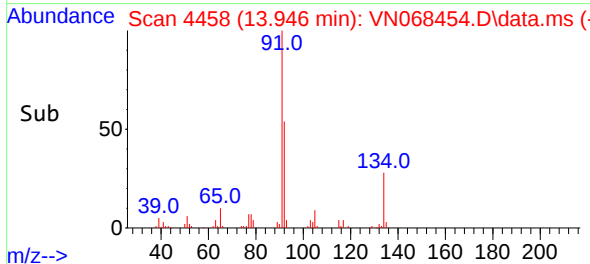
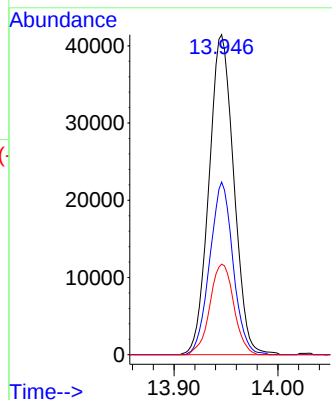
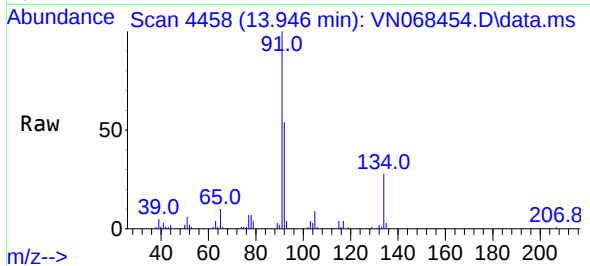
#85
n-Butylbenzene
Concen: 4.325 ug/l
RT: 13.946 min Scan# 4458
Delta R.T. 0.000 min
Lab File: VN068454.D
Acq: 13 Sep 2021 13:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 68872
Ion Ratio Lower Upper
91 100
92 50.6 0.0 102.4
134 27.3 0.0 58.8

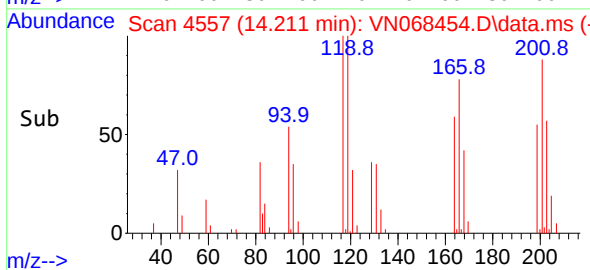
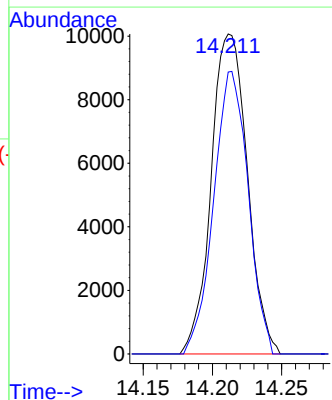
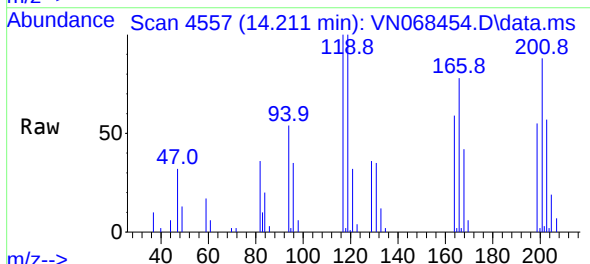
Manual Integrations
APPROVED

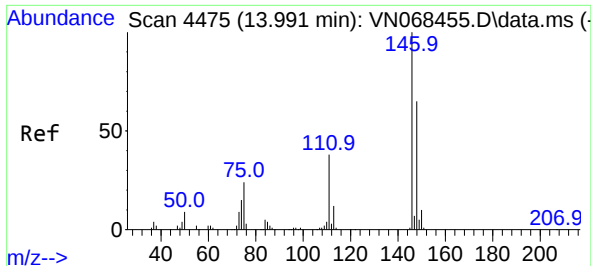
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021



#86
Hexachloroethane
Concen: 4.455 ug/l
RT: 14.211 min Scan# 4557
Delta R.T. 0.000 min
Lab File: VN068454.D
Acq: 13 Sep 2021 13:39

Tgt Ion:117 Resp: 18318
Ion Ratio Lower Upper
117 100
201 83.9 43.6 130.8





#87

1,2-Dichlorobenzene

Concen: 4.544 ug/l

RT: 13.991 min Scan# 4475

Delta R.T. 0.000 min

Lab File: VN068454.D

Acq: 13 Sep 2021 13:39

Instrument :

MSVOA_N

ClientSampleId :

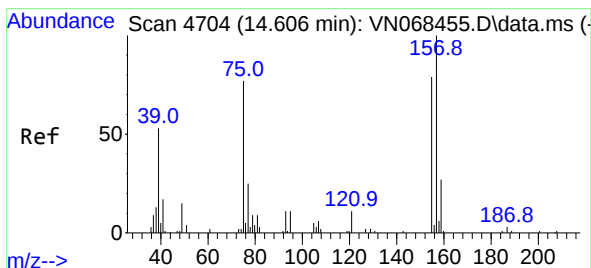
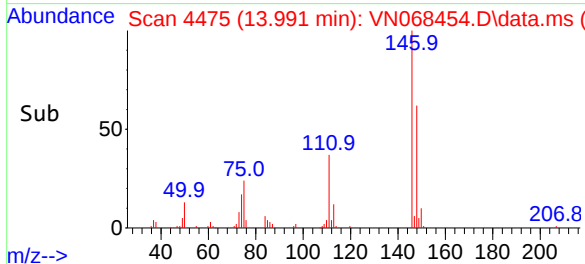
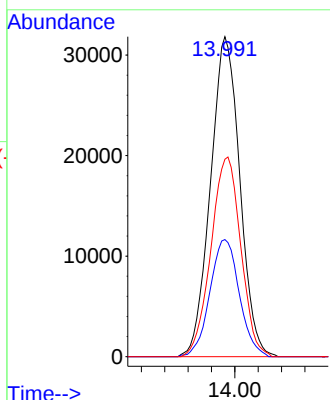
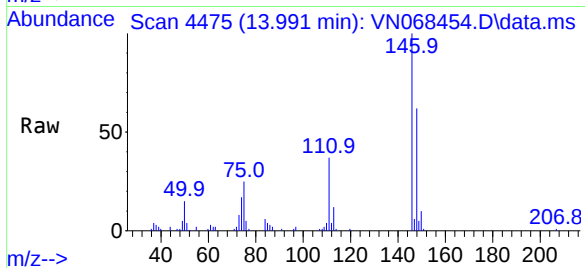
VSTDIC005

Tgt Ion:	146	Resp:	5546
Ion Ratio	Lower	Upper	
146	100		
111	36.7	18.6	56.0
148	63.5	31.9	95.5

Manual Integrations

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



#88

1,2-Dibromo-3-Chloropropane

Concen: 4.721 ug/l

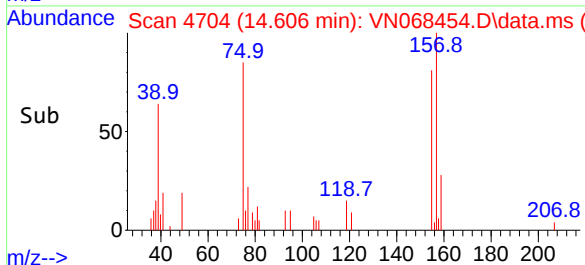
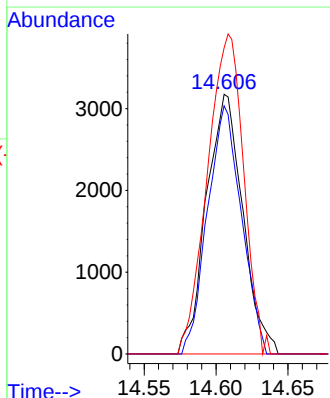
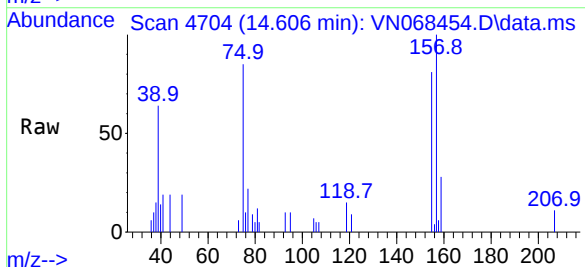
RT: 14.606 min Scan# 4704

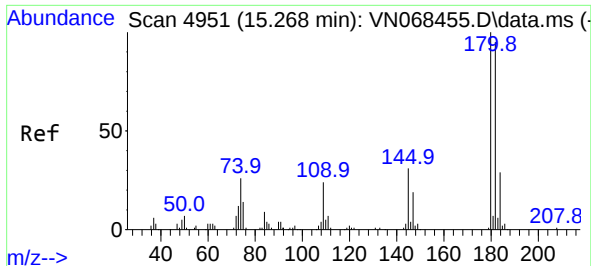
Delta R.T. 0.000 min

Lab File: VN068454.D

Acq: 13 Sep 2021 13:39

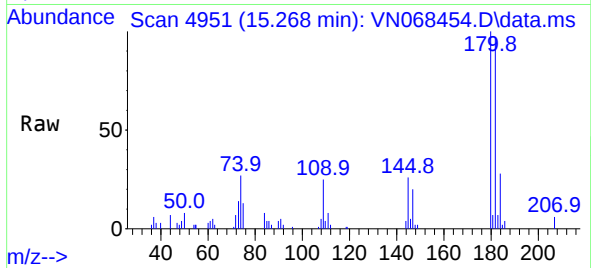
Tgt Ion:	75	Resp:	5593
Ion Ratio	Lower	Upper	
75	100		
155	89.0	83.3	124.9
157	121.7	104.9	157.3





#89
1,2,4-Trichlorobenzene
Concen: 3.723 ug/l
RT: 15.268 min Scan# 4951
Delta R.T. 0.000 min
Lab File: VN068454.D
Acq: 13 Sep 2021 13:39

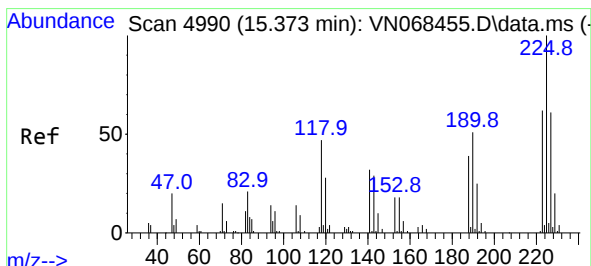
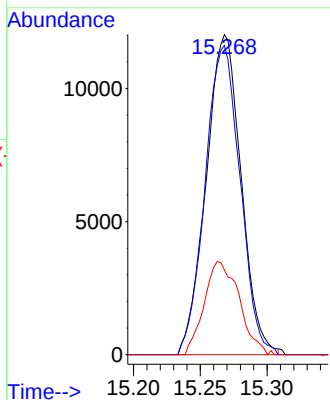
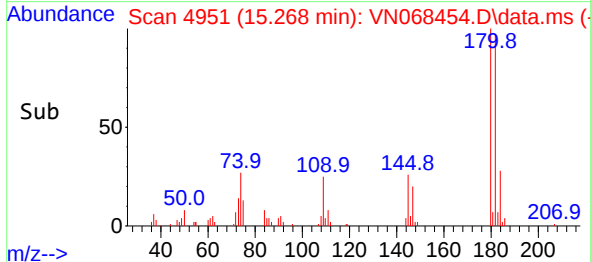
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



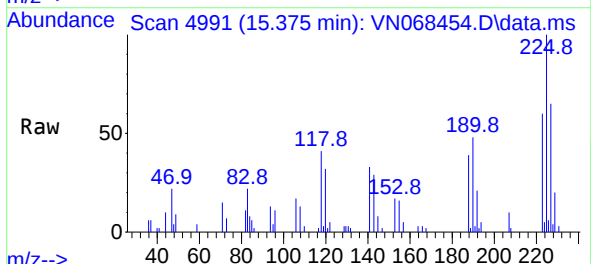
Tgt Ion:180 Resp: 2195
Ion Ratio Lower Upper
180 100
182 96.3 77.0 115.4
145 29.0 24.6 36.8

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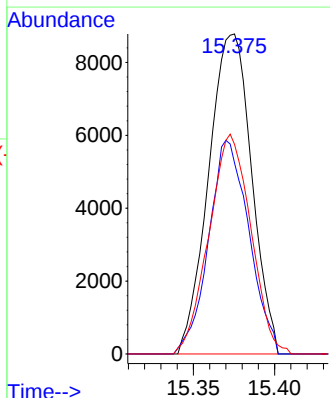
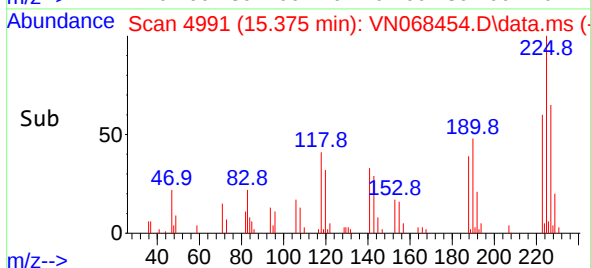
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021

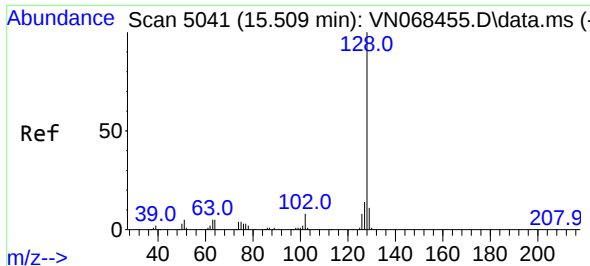


#90
Hexachlorobutadiene
Concen: 4.332 ug/l
RT: 15.375 min Scan# 4991
Delta R.T. 0.003 min
Lab File: VN068454.D
Acq: 13 Sep 2021 13:39



Tgt Ion:225 Resp: 16158
Ion Ratio Lower Upper
225 100
223 62.5 0.0 128.4
227 66.8 0.0 127.8





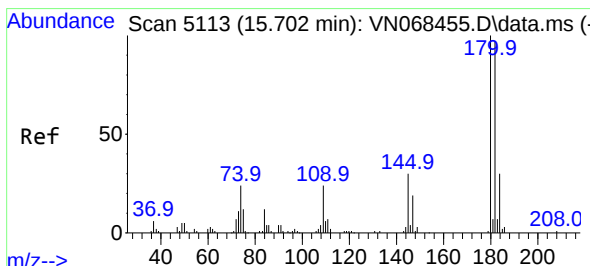
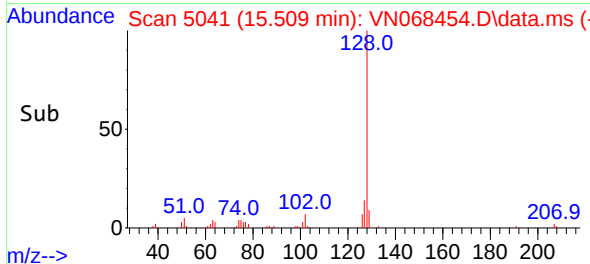
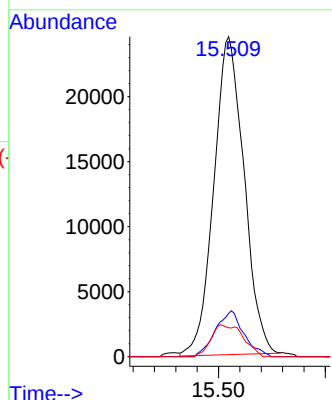
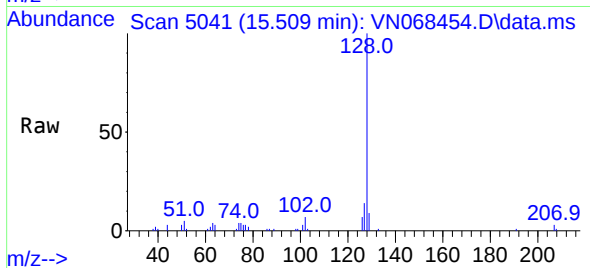
#91
Naphthalene
Concen: 3.776 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.000 min
Lab File: VN068454.D
Acq: 13 Sep 2021 13:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:128 Resp: 4803
Ion Ratio Lower Upper
128 100
127 13.6 10.6 15.8
129 6.6 8.8 13.2

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



#92
1,2,3-Trichlorobenzene
Concen: 3.867 ug/l
RT: 15.703 min Scan# 5113
Delta R.T. 0.000 min
Lab File: VN068454.D
Acq: 13 Sep 2021 13:39

Tgt Ion:180 Resp: 21479
Ion Ratio Lower Upper
180 100
182 93.7 0.0 191.2
145 31.8 0.0 61.8

