

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091321\
 Data File : VN068456.D
 Acq On : 13 Sep 2021 14:29
 Operator : JC/MD
 Sample : VSTDICC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC050

Quant Time: Sep 14 04:10:42 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) Bromochloromethane	7.662	128	101953	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.971	114	544840	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.746	117	518691	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.440	65	183705	30.511	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 101.700%			
60) 4-Bromofluorobenzene	12.733	95	227233	30.736	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 102.467%			
63) Toluene-d8	10.443	98	678948	30.089	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 100.300%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.073	85	240148	51.714	ug/l	98
3) Chloromethane	2.301	50	229837	51.165	ug/l	99
4) Vinyl Chloride	2.440	62	371584	52.192	ug/l	98
5) Bromomethane	2.842	94	352570	49.856	ug/l	98
6) Chloroethane	3.011	64	264800	52.110	ug/l	100
7) Trichlorofluoromethane	3.371	101	441285	50.283	ug/l	99
8) Diethyl Ether	3.827	74	139864	50.528	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.215	101	246076	49.227	ug/l	98
10) 1,1-Dichloroethene	4.183	96	230632	49.641	ug/l	98
11) Methyl Iodide	4.425	142	376908	52.248	ug/l	98
12) Methyl Acetate	4.854	43	249805	51.657	ug/l	95
13) Acrolein	4.044	56	91320	234.966	ug/l	100
14) Acrylonitrile	5.554	53	551453	263.328	ug/l	99
15) Acetone	4.282	58	148017	259.359	ug/l	97
16) Carbon Disulfide	4.535	76	611309	50.984	ug/l	98
17) Allyl chloride	4.843	41	307150	52.945	ug/l	100
18) Methylene Chloride	5.100	84	275372	49.513	ug/l	98
19) trans-1,2-Dichloroethene	5.599	96	267047	51.231	ug/l	97
20) Diisopropyl ether	6.498	45	690171	53.634	ug/l	95
21) 1,1-Dichloroethane	6.388	63	445320	52.070	ug/l	99
22) cis-1,2-Dichloroethene	7.327	96	324953	51.940	ug/l	97
23) tert-Butyl Alcohol	5.363	59	219742	259.657	ug/l #	100
24) Methyl tert-Butyl Ether	5.615	73	823640	52.063	ug/l	99
25) Chloroform	7.817	83	519553	50.761	ug/l	100
26) Cyclohexane	8.099	56	379403	52.473	ug/l #	99
29) 1,1-Dichloropropene	8.225	75	374171	51.257	ug/l	99
30) 2-Butanone	7.335	43	725608	260.431	ug/l #	97
31) 2,2-Dichloropropane	7.329	77	426906	50.818	ug/l	98
32) 1,1,1-Trichloroethane	8.016	97	501946	50.634	ug/l	99
33) Carbon Tetrachloride	8.209	117	472131	50.952	ug/l	99
34) Benzene	8.461	78	1143470	51.367	ug/l	96
35) Methacrylonitrile	7.640	41	141423	52.631	ug/l	96
36) 1,2-Dichloroethane	8.531	62	387776	51.738	ug/l	100
37) Trichloroethene	9.217	130	356437	49.817	ug/l	96
38) Methylcyclohexane	9.464	83	482818	51.455	ug/l	99
39) 1,2-Dichloropropane	9.491	63	269553	51.449	ug/l	97
40) Dibromomethane	9.579	93	218787	50.827	ug/l	98
41) Bromodichloromethane	9.764	83	424895	51.075	ug/l	96
42) Vinyl Acetate	6.433	43	2691121	268.839	ug/l	99

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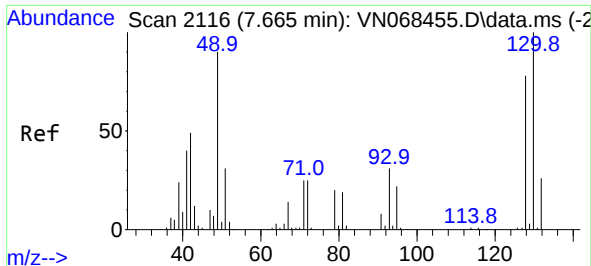
Quant Time: Sep 14 04:10:42 2021
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.412	43	301016	49.797	ug/l #	81
44) Isopropyl Acetate	8.563	43	523305	52.122	ug/l	99
45) 1,4-Dioxane	9.569	88	111406	1095.255	ug/l	97
46) Methyl methacrylate	9.561	41	213354	52.436	ug/l	98
47) n-amyl Acetate	12.390	43	383528	54.297	ug/l	99
48) t-1,3-Dichloropropene	10.719	75	445168	52.851	ug/l	98
49) cis-1,3-Dichloropropene	10.191	75	466186	51.497	ug/l	97
50) 1,1,2-Trichloroethane	10.899	97	319923	51.428	ug/l	97
51) Ethyl methacrylate	10.762	69	430776	53.934	ug/l	98
52) 1,3-Dichloropropane	11.046	76	477661	51.634	ug/l	99
53) Dibromochloromethane	11.240	129	402824	52.661	ug/l	99
54) 1,2-Dibromoethane	11.347	107	347821	52.135	ug/l	99
55) 2-Chloroethyl vinyl ether	10.043	63	356520	263.664	ug/l	100
56) Bromoform	12.460	173	330969	53.867	ug/l #	99
58) 4-Methyl-2-Pentanone	10.333	43	1591223	260.605	ug/l	98
59) 2-Hexanone	11.087	43	1117580	264.094	ug/l	98
61) Tetrachloroethene	10.979	164	375867	50.398	ug/l	99
62) Toluene	10.507	91	1405564	51.487	ug/l	99
64) Chlorobenzene	11.773	112	914303	50.780	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.843	131	382145	52.005	ug/l	99
66) Ethyl Benzene	11.846	91	1540319	51.917	ug/l	100
67) m/p-Xylenes	11.956	106	1294206	105.825	ug/l	97
68) o-Xylene	12.283	106	633181	52.439	ug/l	97
69) Styrene	12.296	104	1010491	52.776	ug/l	99
70) Isopropylbenzene	12.580	105	1621184	52.880	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.830	83	427648	51.245	ug/l	97
72) 1,2,3-Trichloropropane	12.881	75	363364m	54.159	ug/l	
73) Bromobenzene	12.865	156	457910	52.615	ug/l	93
74) n-propylbenzene	12.924	91	1741173	52.663	ug/l	99
75) 2-Chlorotoluene	13.010	91	1026202	51.573	ug/l	97
76) 1,3,5-Trimethylbenzene	13.061	105	1366392	53.382	ug/l	100
77) t-1,4-Dichloro-2-butene	12.629	75	123353	53.809	ug/l	99
78) 4-Chlorotoluene	13.109	91	990749	51.883	ug/l	98
79) tert-butylbenzene	13.326	119	1245494	52.964	ug/l	98
80) 1,2,4-Trimethylbenzene	13.372	105	1314507m	43.948	ug/l	
81) sec-Butylbenzene	13.503	105	1648827	53.045	ug/l	98
82) p-Isopropyltoluene	13.618	119	1425028	53.449	ug/l	99
83) 1,3-Dichlorobenzene	13.618	146	807306	53.366	ug/l	98
84) 1,4-Dichlorobenzene	13.696	146	783844	54.089	ug/l	97
85) n-Butylbenzene	13.946	91	997247	52.587	ug/l	98
86) Hexachloroethane	14.214	117	255331	52.137	ug/l	89
87) 1,2-Dichlorobenzene	13.991	146	788784	54.261	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.605	75	75686	53.635	ug/l	88
89) 1,2,4-Trichlorobenzene	15.265	180	384502	54.744	ug/l	98
90) Hexachlorobutadiene	15.372	225	243408	54.795	ug/l	99
91) Naphthalene	15.509	128	821227	54.201	ug/l	100
92) 1,2,3-Trichlorobenzene	15.702	180	358907	54.261	ug/l	99

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



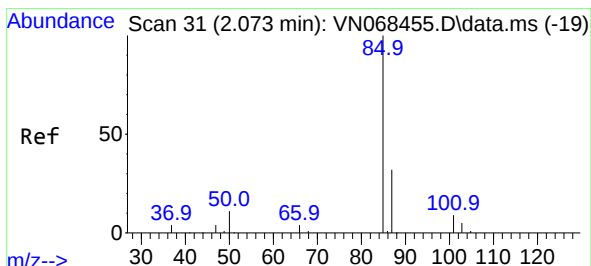
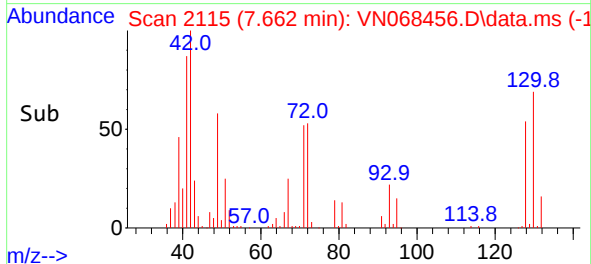
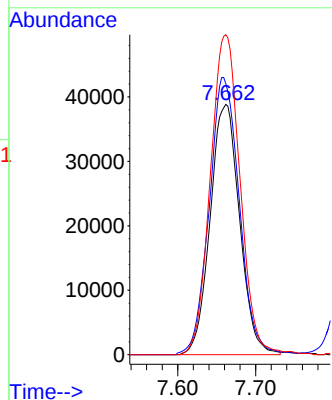
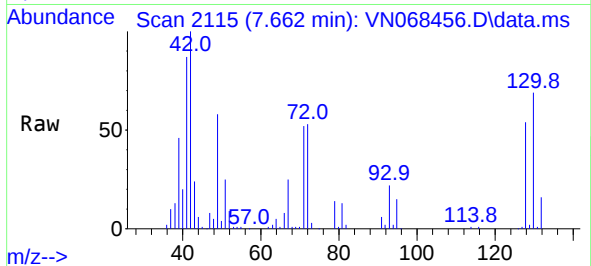
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Bromochloromethane
Concen: 30.000 ug/l
RT: 7.662 min Scan# 2116
Delta R.T. -0.003 min
Lab File: VN068456.D
Acq: 13 Sep 2021 14:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tgt Ion:128 Resp: 10195
Ion Ratio Lower Upper
128 100
49 113.3 0.0 292.5
130 128.9 0.0 325.0

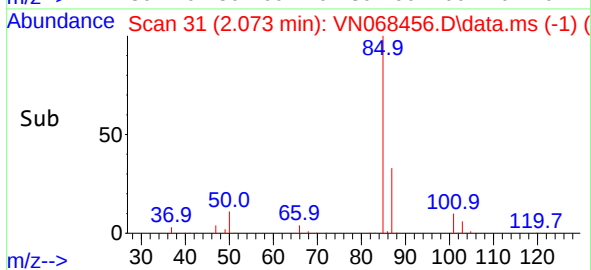
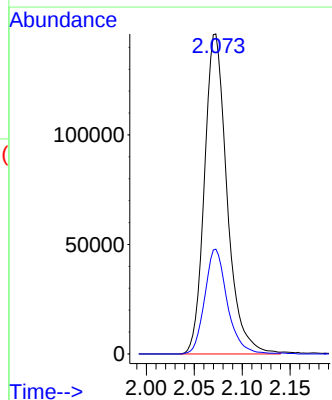
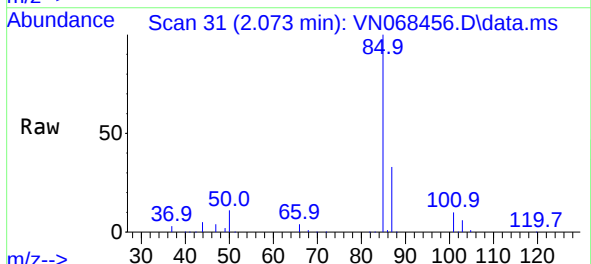
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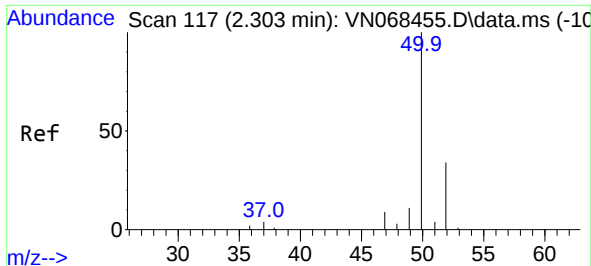
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021



#2
Dichlorodifluoromethane
Concen: 51.714 ug/l
RT: 2.073 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN068456.D
Acq: 13 Sep 2021 14:29

Tgt Ion: 85 Resp: 240148
Ion Ratio Lower Upper
85 100
87 32.8 15.8 47.3





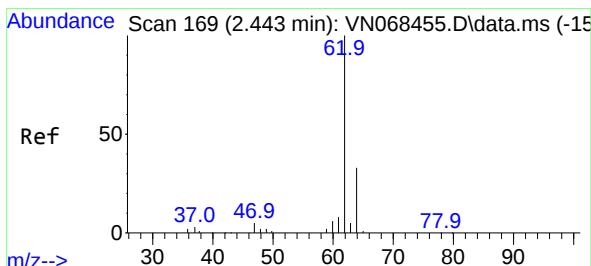
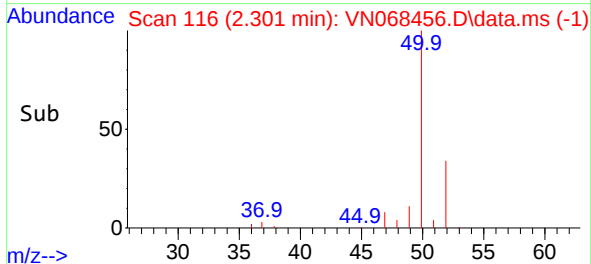
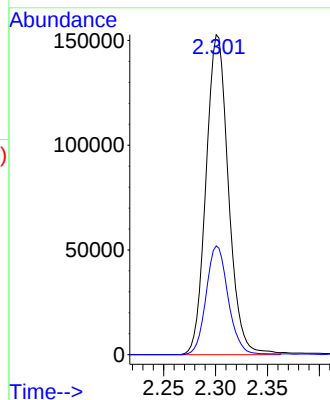
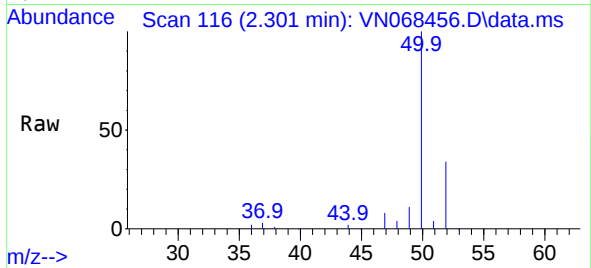
#3
Chloromethane
Concen: 51.165 ug/l
RT: 2.301 min Scan# 116
Delta R.T. -0.003 min
Lab File: VN068456.D
Acq: 13 Sep 2021 14:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Tgt Ion: 50 Resp: 22983
Ion Ratio Lower Upper
50 100
52 34.0 27.0 40.4

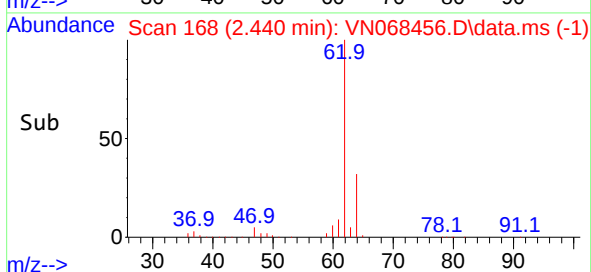
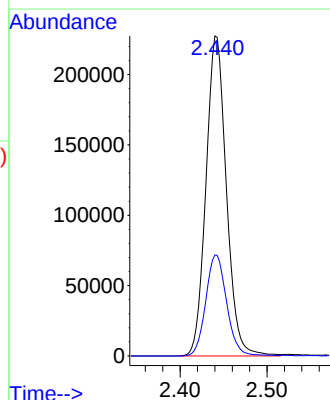
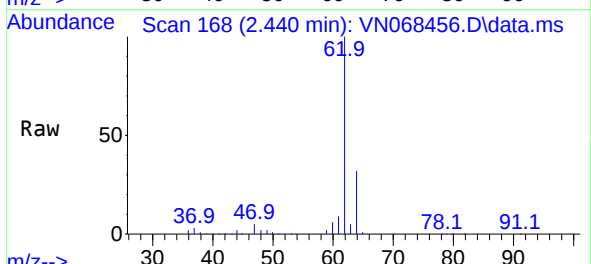
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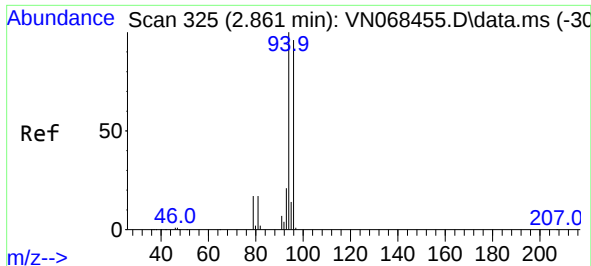
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021



#4
Vinyl Chloride
Concen: 52.192 ug/l
RT: 2.440 min Scan# 168
Delta R.T. -0.003 min
Lab File: VN068456.D
Acq: 13 Sep 2021 14:29

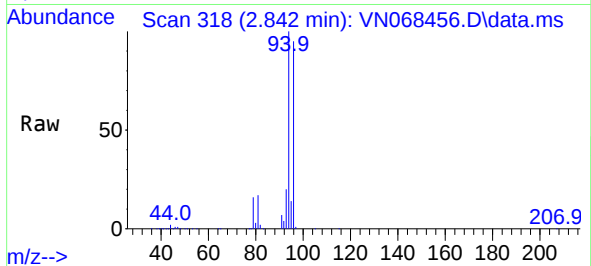
Tgt Ion: 62 Resp: 371584
Ion Ratio Lower Upper
62 100
64 31.6 26.1 39.1





#5
Bromomethane
Concen: 49.856 ug/l
RT: 2.842 min Scan# 31
Delta R.T. -0.019 min
Lab File: VN068456.D
Acq: 13 Sep 2021 14:29

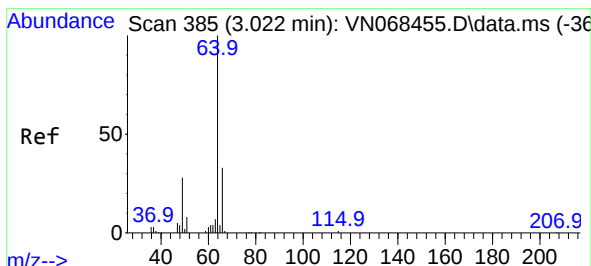
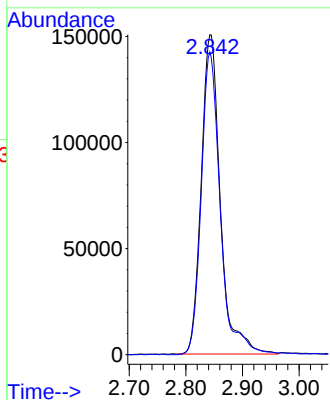
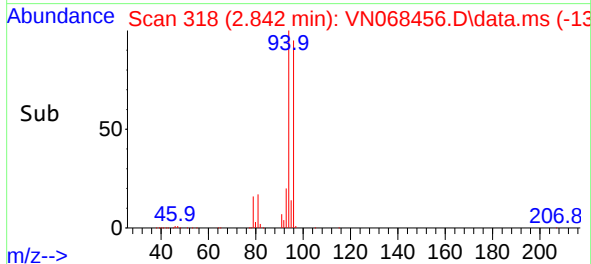
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



Tgt Ion: 94 Resp: 352570
Ion Ratio Lower Upper
94 100
96 94.7 77.0 115.4

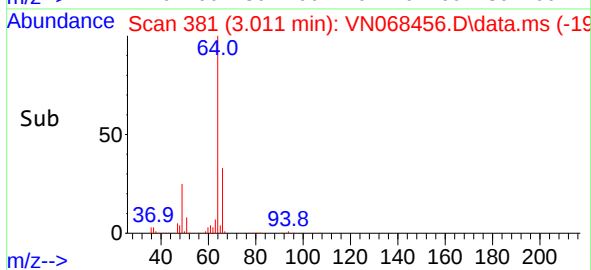
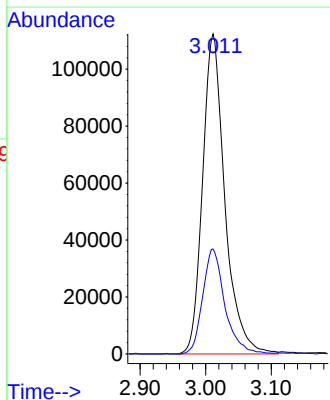
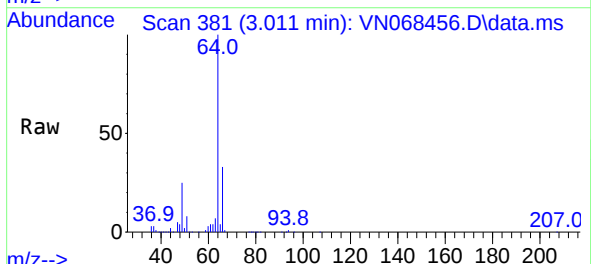
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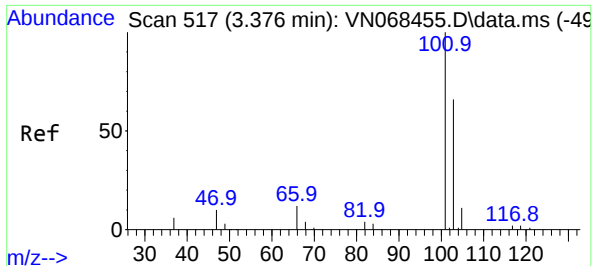
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021



#6
Chloroethane
Concen: 52.110 ug/l
RT: 3.011 min Scan# 381
Delta R.T. -0.011 min
Lab File: VN068456.D
Acq: 13 Sep 2021 14:29

Tgt Ion: 64 Resp: 264800
Ion Ratio Lower Upper
64 100
66 32.8 26.3 39.5





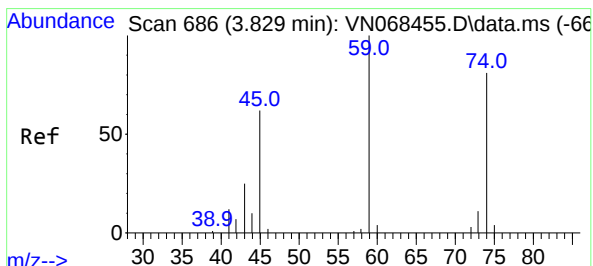
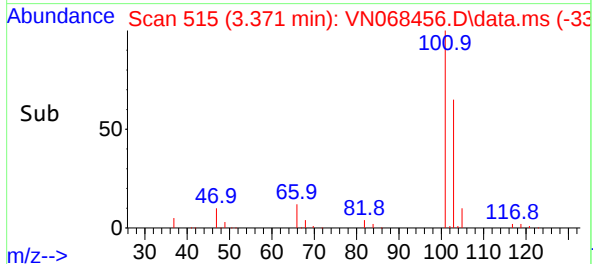
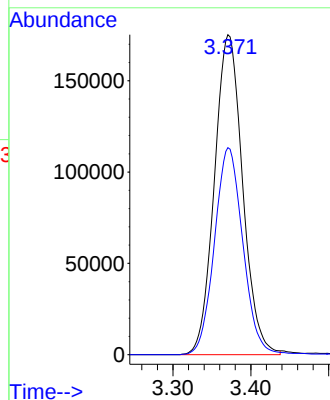
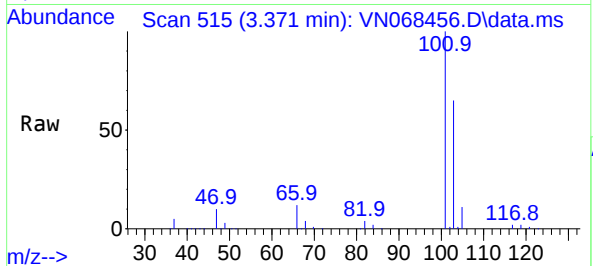
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 Trichlorofluoromethane
 Concen: 50.283 ug/l
 RT: 3.371 min Scan# 517
 Delta R.T. -0.006 min
 Lab File: VN068456.D
 Acq: 13 Sep 2021 14:29

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC050

Tgt Ion:101 Resp: 441285
 Ion Ratio Lower Upper
 101 100
 103 64.7 52.4 78.6

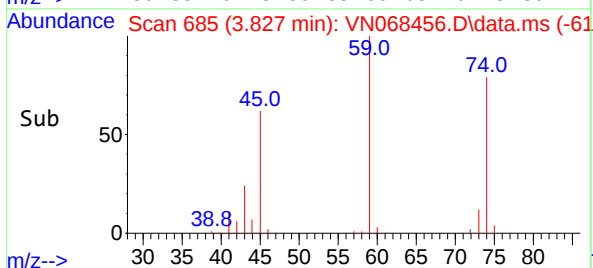
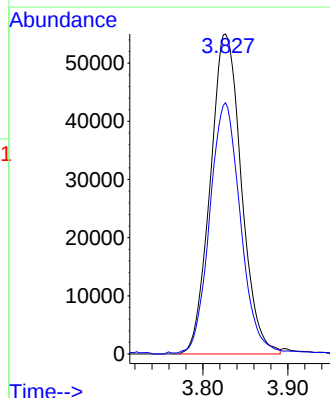
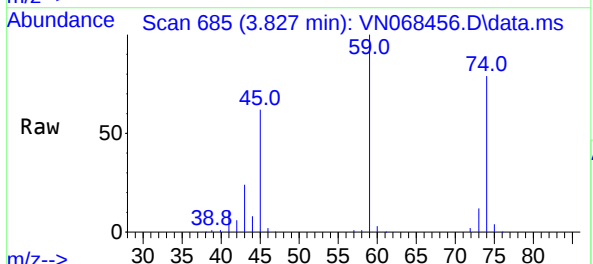
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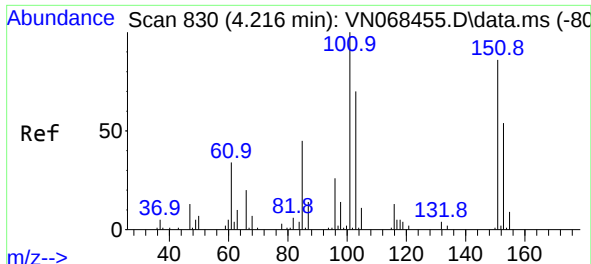
Reviewed By :John Carlone 09/14/2021
 Supervised By :Mahesh Dadoda 09/14/2021



#8
 Diethyl Ether
 Concen: 50.528 ug/l
 RT: 3.827 min Scan# 685
 Delta R.T. -0.003 min
 Lab File: VN068456.D
 Acq: 13 Sep 2021 14:29

Tgt Ion: 74 Resp: 139864
 Ion Ratio Lower Upper
 74 100
 45 76.7 16.2 146.0





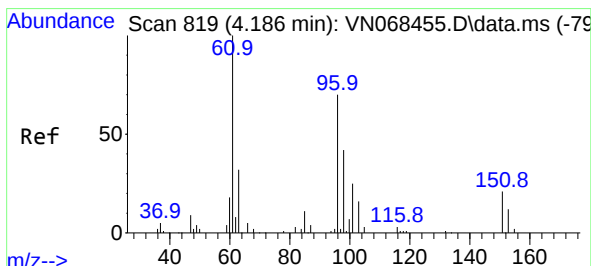
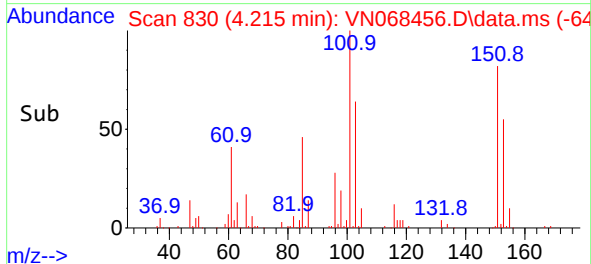
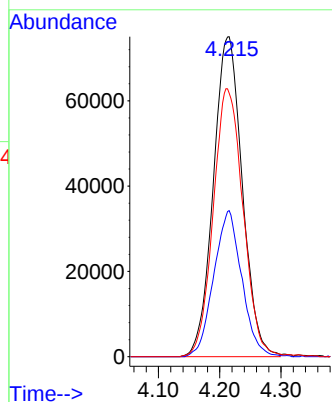
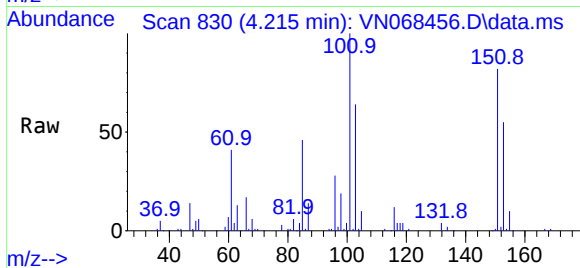
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1,1,2-Trichlorotrifluoroethane
Concen: 49.227 ug/l
RT: 4.215 min Scan# 81
Delta R.T. -0.000 min
Lab File: VN068456.D
Acq: 13 Sep 2021 14:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tgt Ion:101 Resp: 246070
Ion Ratio Lower Upper
101 100
85 44.2 0.0 89.2
151 86.3 0.0 176.4

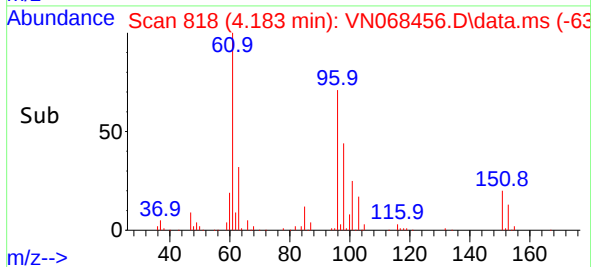
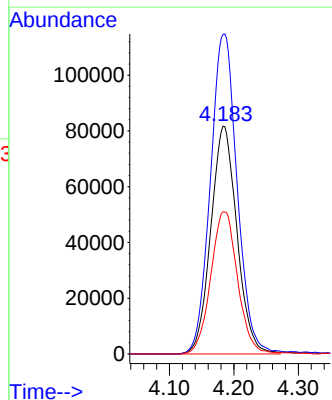
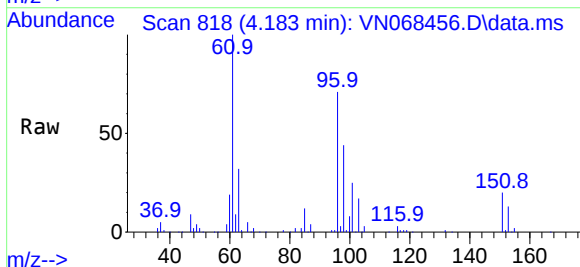
Manual Integrations
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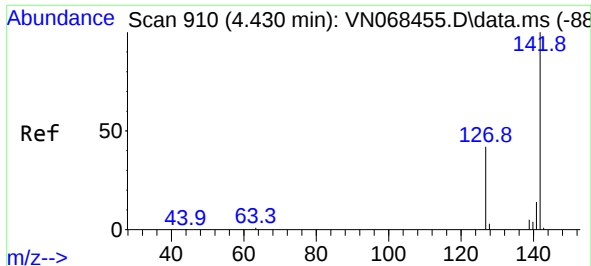
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021



#10
1,1-Dichloroethene
Concen: 49.641 ug/l
RT: 4.183 min Scan# 818
Delta R.T. -0.003 min
Lab File: VN068456.D
Acq: 13 Sep 2021 14:29

Tgt Ion: 96 Resp: 230632
Ion Ratio Lower Upper
96 100
61 140.3 114.1 171.1
98 62.3 48.3 72.5





#11

Methyl Iodide

Concen: 52.248 ug/l

RT: 4.425 min Scan# 90

Delta R.T. -0.005 min

Lab File: VN068456.D

Acq: 13 Sep 2021 14:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC050

Tgt Ion:142 Resp: 376908

Ion Ratio Lower Upper

142 100

127 43.2 20.9 62.8

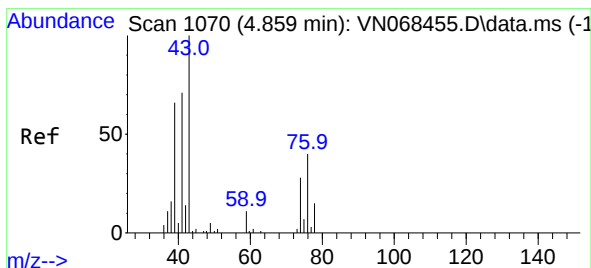
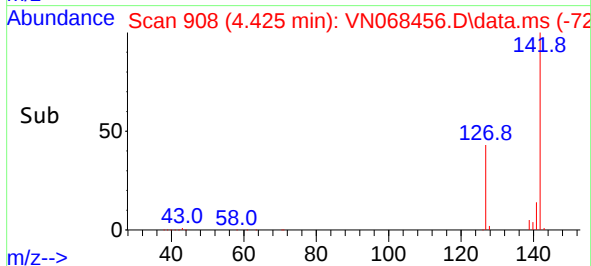
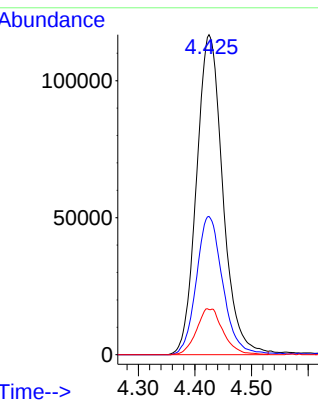
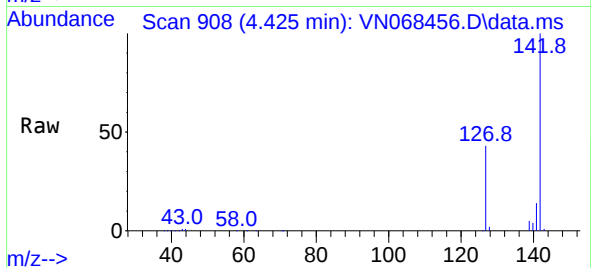
141 14.1 6.8 20.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2021

Supervised By :Mahesh Dadoda 09/14/2021



#12

Methyl Acetate

Concen: 51.657 ug/l

RT: 4.854 min Scan# 1068

Delta R.T. -0.005 min

Lab File: VN068456.D

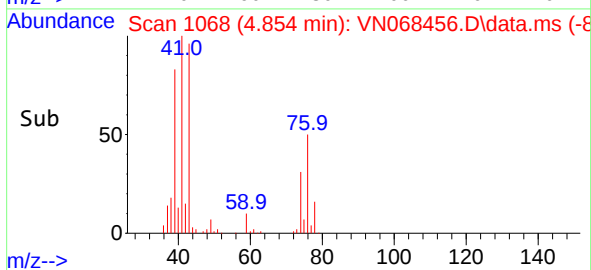
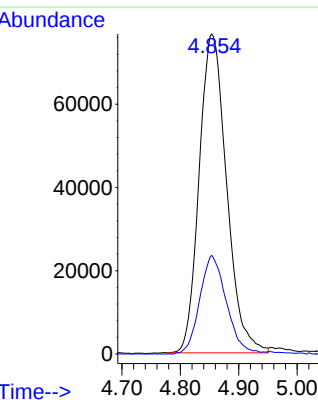
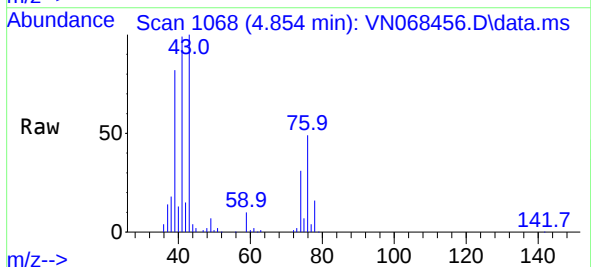
Acq: 13 Sep 2021 14:29

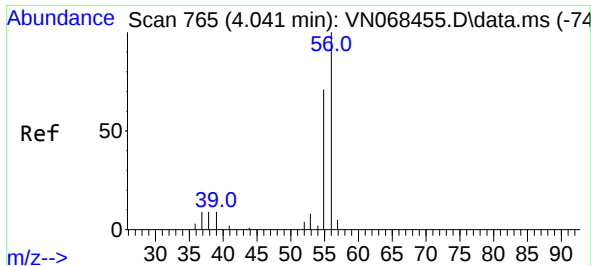
Tgt Ion: 43 Resp: 249805

Ion Ratio Lower Upper

43 100

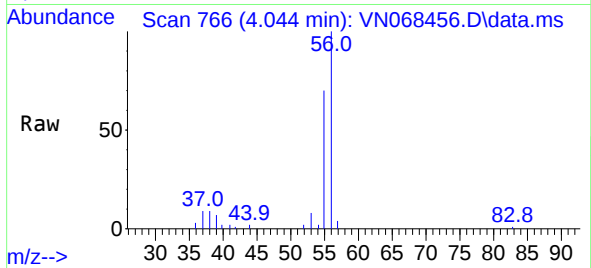
74 30.8 22.6 34.0





#13
Acrolein
Concen: 234.966 ug/l
RT: 4.044 min Scan# 765
Delta R.T. 0.003 min
Lab File: VN068456.D
Acq: 13 Sep 2021 14:29

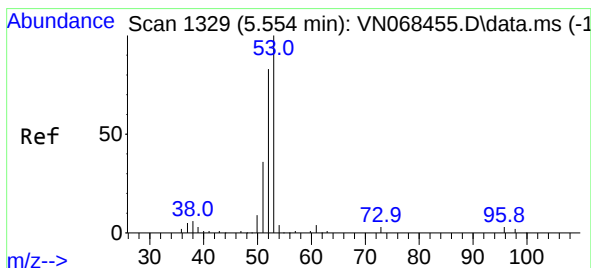
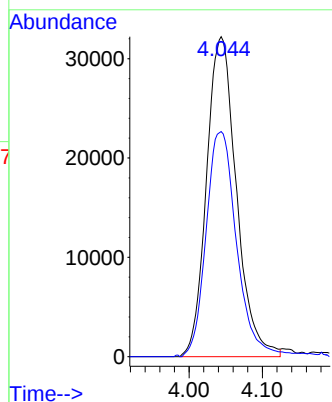
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



Tgt Ion: 56 Resp: 91320
Ion Ratio Lower Upper
56 100
55 71.8 57.2 85.8

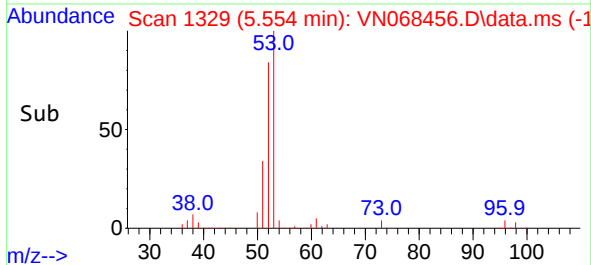
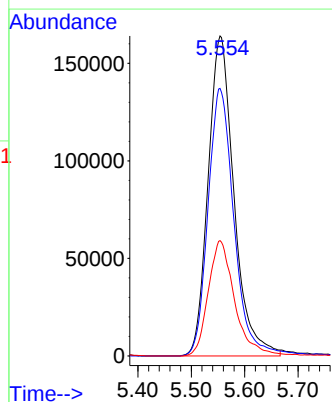
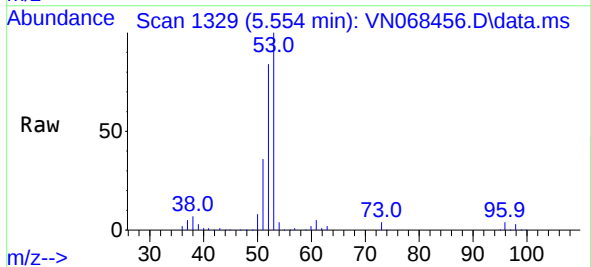
Manual Integrations
APPROVED

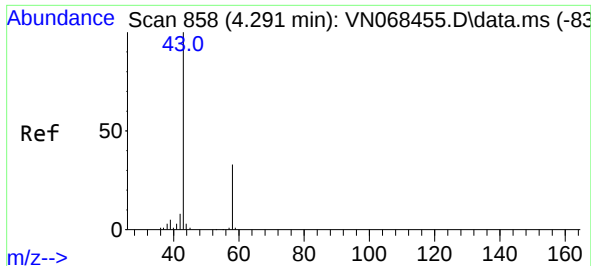
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021



#14
Acrylonitrile
Concen: 263.328 ug/l
RT: 5.554 min Scan# 1329
Delta R.T. -0.000 min
Lab File: VN068456.D
Acq: 13 Sep 2021 14:29

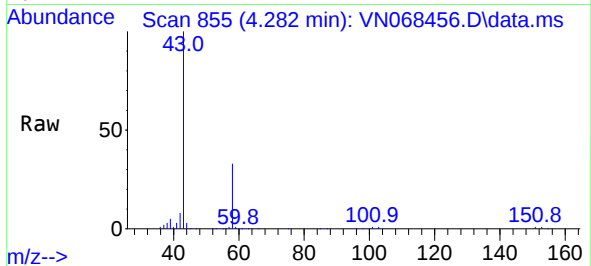
Tgt Ion: 53 Resp: 551453
Ion Ratio Lower Upper
53 100
52 84.1 41.5 124.5
51 36.8 17.9 53.7





#15
Acetone
Concen: 259.359 ug/l
RT: 4.282 min Scan# 81
Delta R.T. -0.008 min
Lab File: VN068456.D
Acq: 13 Sep 2021 14:29

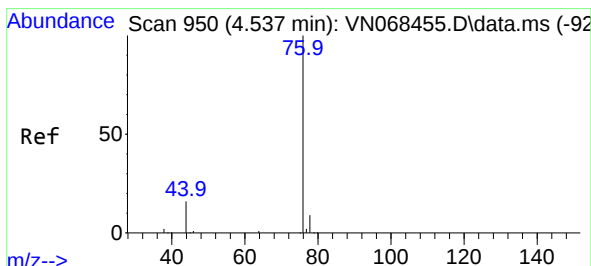
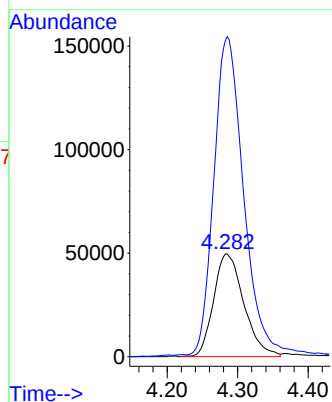
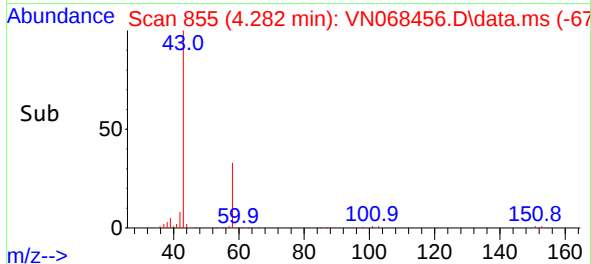
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



Tgt Ion: 58 Resp: 14801
Ion Ratio Lower Upper
58 100
43 305.8 239.9 359.9

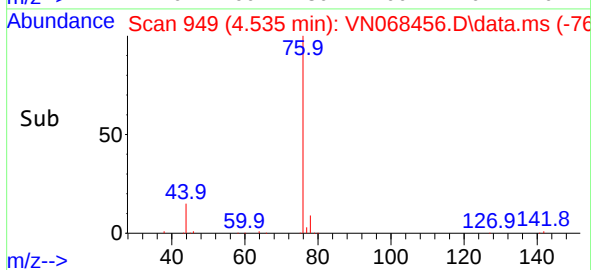
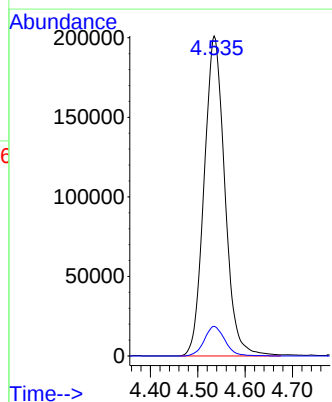
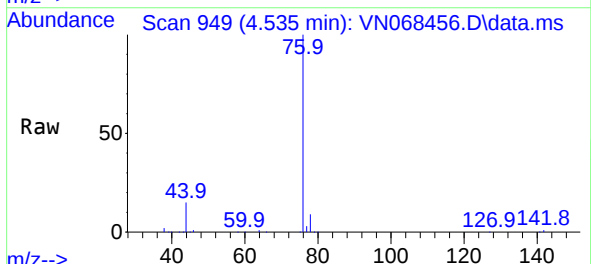
Manual Integrations
APPROVED

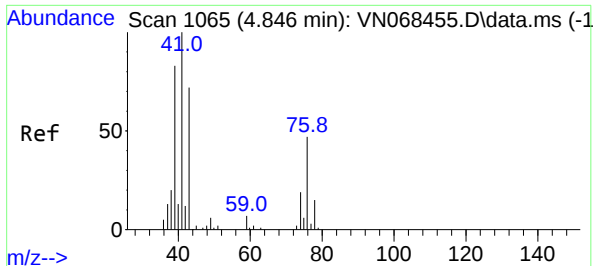
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021



#16
Carbon Disulfide
Concen: 50.984 ug/l
RT: 4.535 min Scan# 949
Delta R.T. -0.003 min
Lab File: VN068456.D
Acq: 13 Sep 2021 14:29

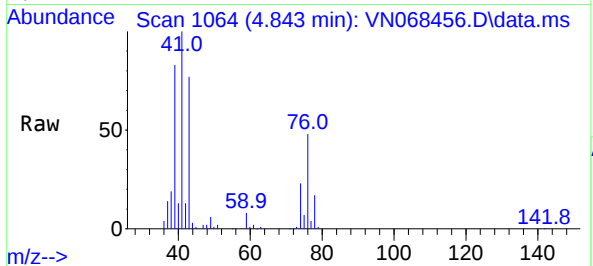
Tgt Ion: 76 Resp: 611309
Ion Ratio Lower Upper
76 100
78 9.2 6.9 10.3





#17
Allyl chloride
Concen: 52.945 ug/l
RT: 4.843 min Scan# 1065
Delta R.T. -0.003 min
Lab File: VN068456.D
Acq: 13 Sep 2021 14:29

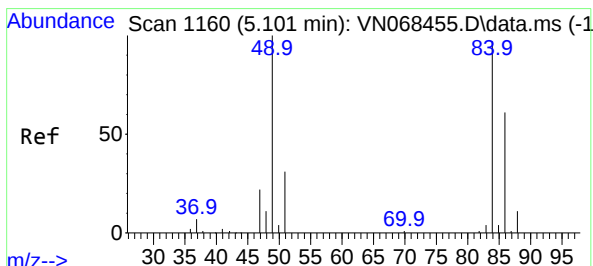
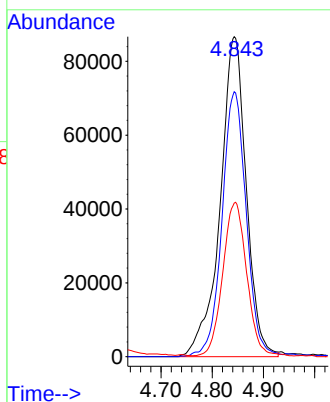
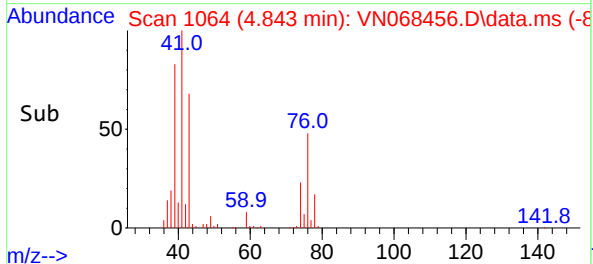
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



Tgt Ion: 41 Resp: 307150
Ion Ratio Lower Upper
41 100
39 82.8 41.5 124.5
76 47.5 23.6 71.0

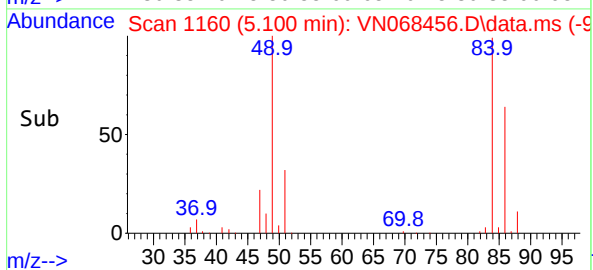
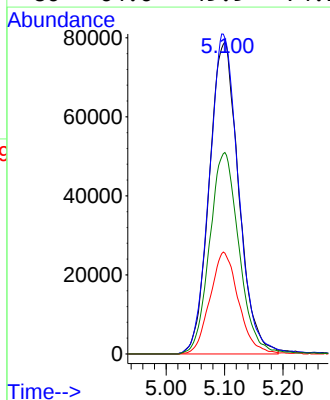
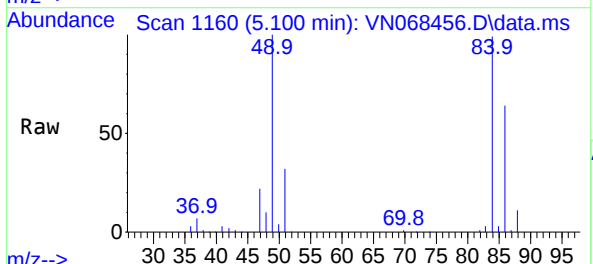
Manual Integrations
APPROVED

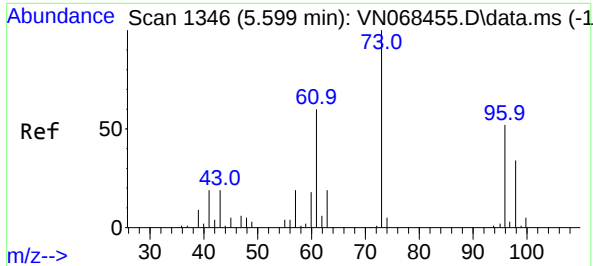
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021



#18
Methylene Chloride
Concen: 49.513 ug/l
RT: 5.100 min Scan# 1160
Delta R.T. -0.000 min
Lab File: VN068456.D
Acq: 13 Sep 2021 14:29

Tgt Ion: 84 Resp: 275372
Ion Ratio Lower Upper
84 100
49 101.3 82.4 123.6
51 32.3 25.9 38.9
86 64.6 49.9 74.9





#19
trans-1,2-Dichloroethene
Concen: 51.231 ug/l
RT: 5.599 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN068456.D
Acq: 13 Sep 2021 14:29

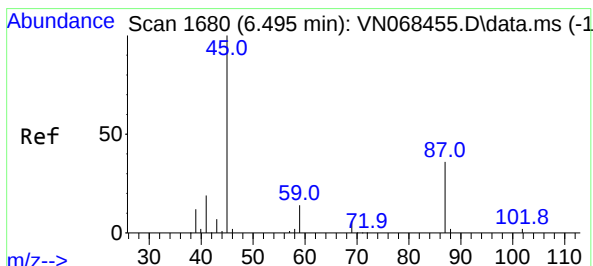
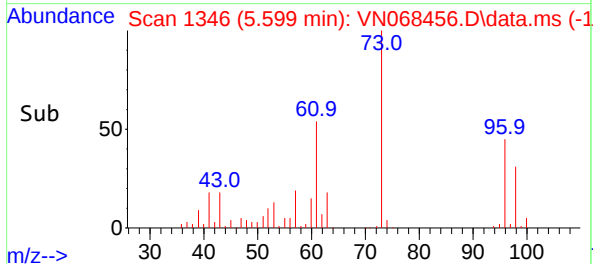
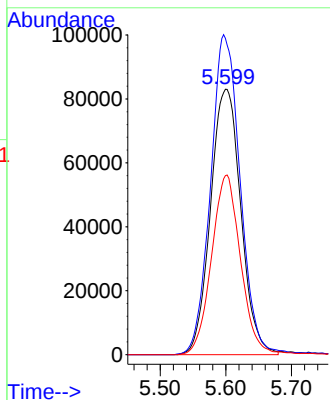
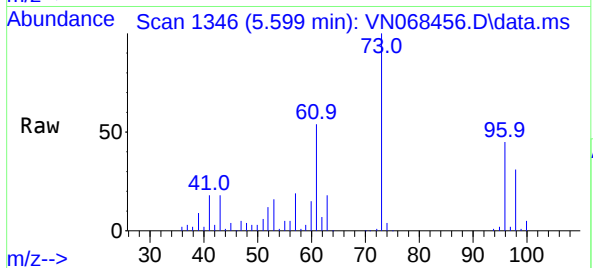
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tgt Ion: 96 Resp: 26704

Ion	Ratio	Lower	Upper
96	100		
61	118.9	92.5	138.7
98	67.5	51.7	77.5

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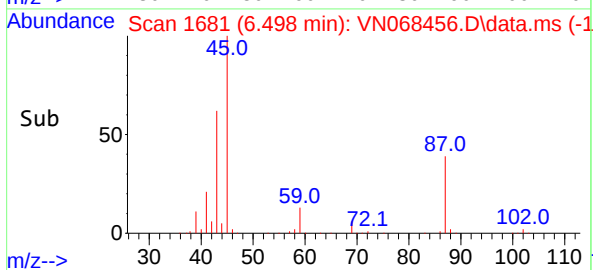
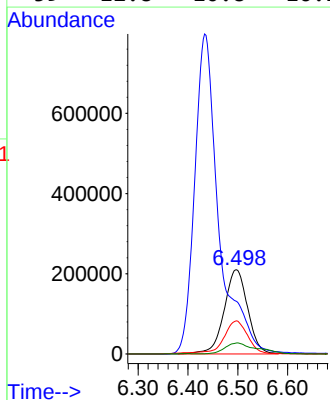
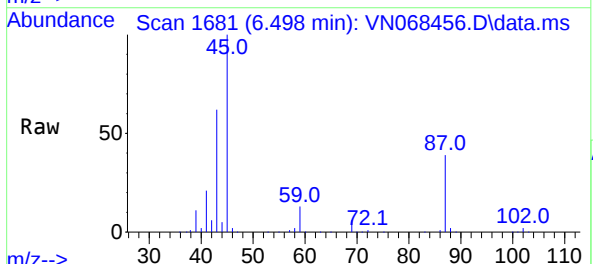
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021

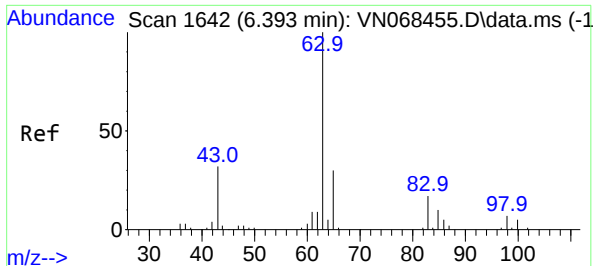


#20
Diisopropyl ether
Concen: 53.634 ug/l
RT: 6.498 min Scan# 1681
Delta R.T. 0.003 min
Lab File: VN068456.D
Acq: 13 Sep 2021 14:29

Tgt Ion: 45 Resp: 690171

Ion	Ratio	Lower	Upper
45	100		
43	59.7	52.2	78.2
87	39.0	29.8	44.8
59	12.8	10.8	16.2





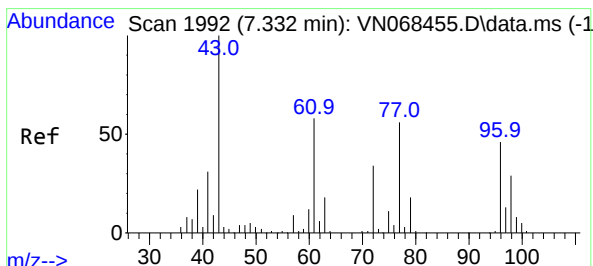
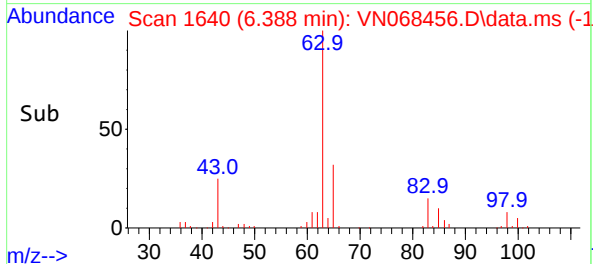
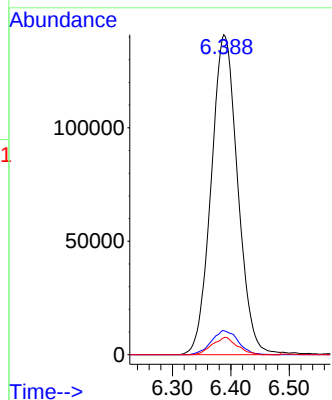
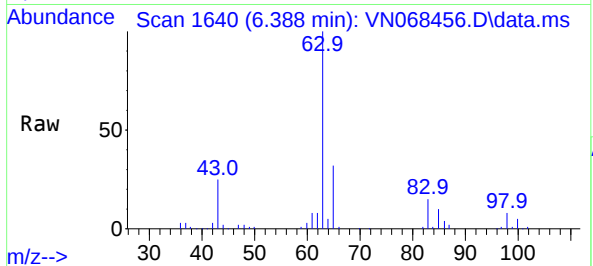
#21
1,1-Dichloroethane
Concen: 52.070 ug/l
RT: 6.388 min Scan# 1640
Delta R.T. -0.005 min
Lab File: VN068456.D
Acq: 13 Sep 2021 14:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tgt Ion: 63 Resp: 445320
Ion Ratio Lower Upper
63 100
98 7.5 3.5 10.4
100 5.3 2.5 7.5

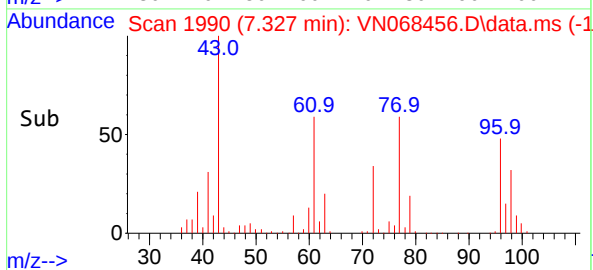
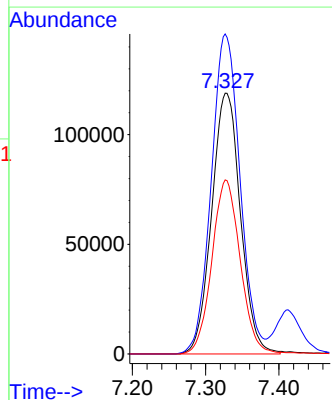
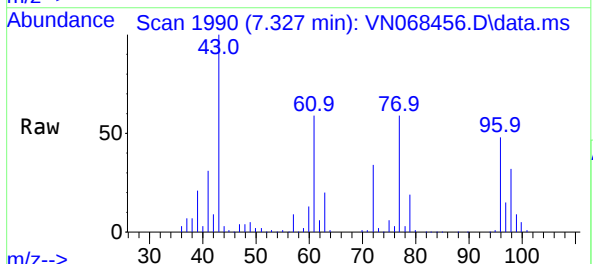
Manual Integrations
APPROVED

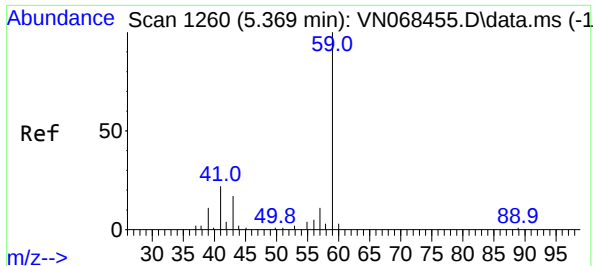
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021



#22
cis-1,2-Dichloroethene
Concen: 51.940 ug/l
RT: 7.327 min Scan# 1990
Delta R.T. -0.005 min
Lab File: VN068456.D
Acq: 13 Sep 2021 14:29

Tgt Ion: 96 Resp: 324953
Ion Ratio Lower Upper
96 100
61 122.6 102.3 153.5
98 65.5 52.3 78.5





#23

tert-Butyl Alcohol

Concen: 259.657 ug/l

RT: 5.363 min Scan# 1258

Delta R.T. -0.006 min

Lab File: VN068456.D

Acq: 13 Sep 2021 14:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC050

Tgt Ion: 59 Resp: 21974

Ion Ratio Lower Upper

59 100

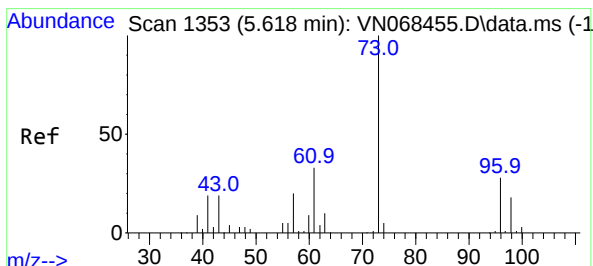
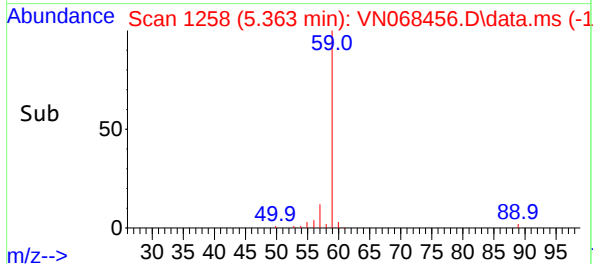
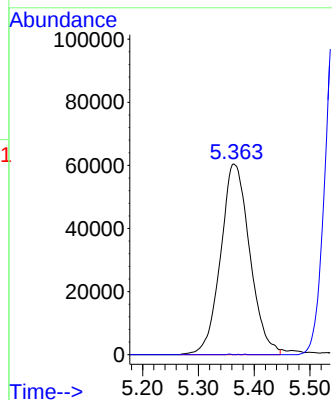
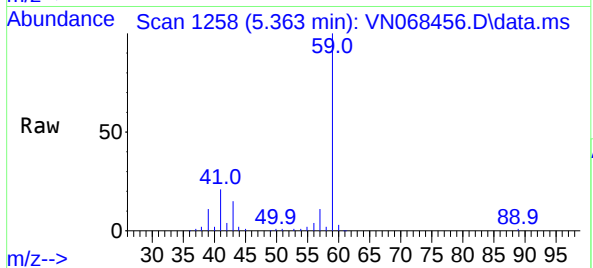
52 0.0 0.0 0.0

Manual Integrations

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Reviewed By :John Carlone 09/14/2021

Supervised By :Mahesh Dadoda 09/14/2021



#24

Methyl tert-Butyl Ether

Concen: 52.063 ug/l

RT: 5.615 min Scan# 1352

Delta R.T. -0.003 min

Lab File: VN068456.D

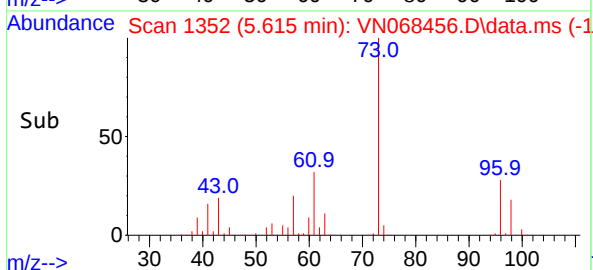
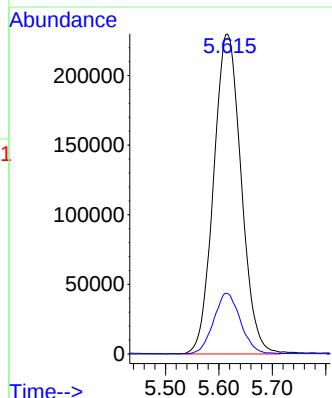
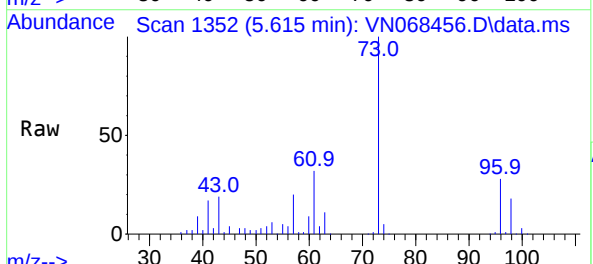
Acq: 13 Sep 2021 14:29

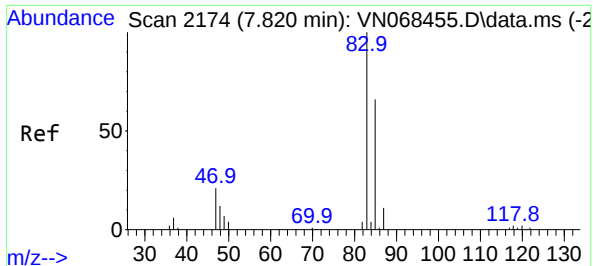
Tgt Ion: 73 Resp: 823640

Ion Ratio Lower Upper

73 100

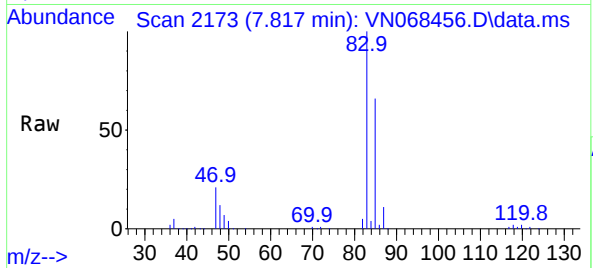
43 18.3 14.9 22.3





#25
Chloroform
Concen: 50.761 ug/l
RT: 7.817 min Scan# 2173
Delta R.T. -0.003 min
Lab File: VN068456.D
Acq: 13 Sep 2021 14:29

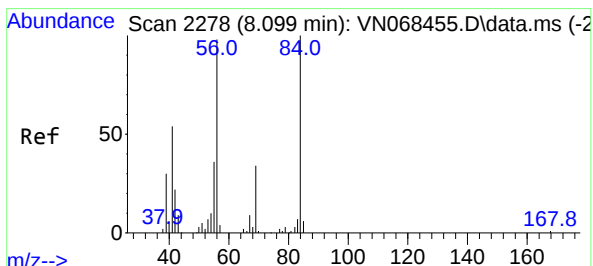
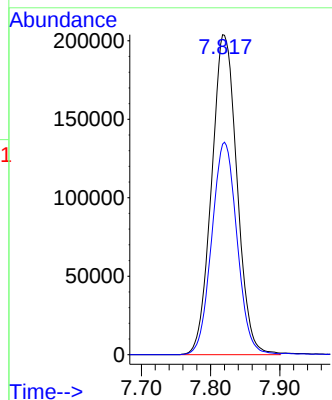
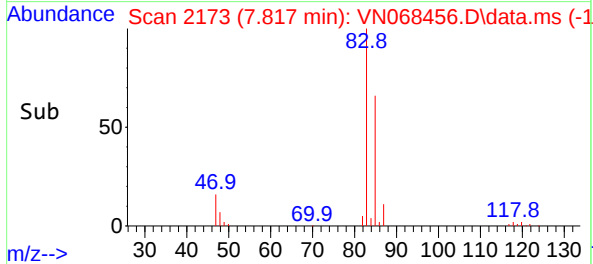
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



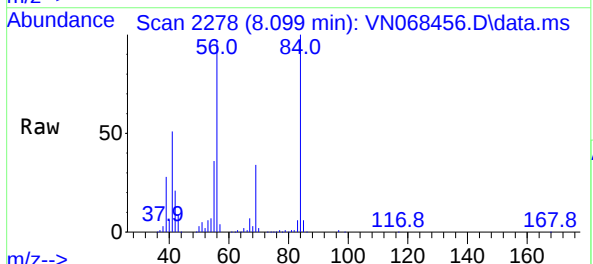
Tgt Ion: 83 Resp: 51955
Ion Ratio Lower Upper
83 100
85 65.8 52.6 78.8

Manual Integrations
APPROVED

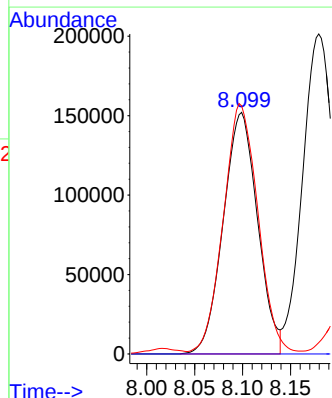
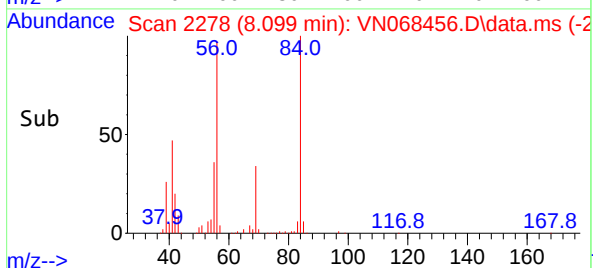
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021

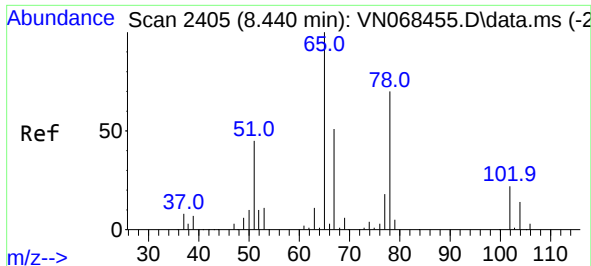


#26
Cyclohexane
Concen: 52.473 ug/l
RT: 8.099 min Scan# 2278
Delta R.T. -0.000 min
Lab File: VN068456.D
Acq: 13 Sep 2021 14:29



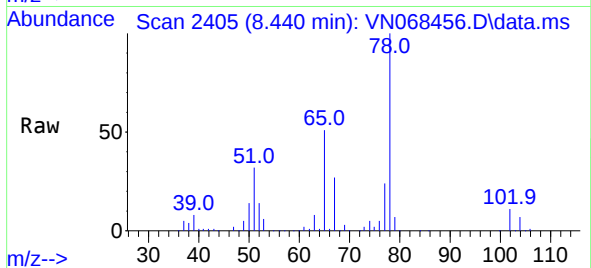
Tgt Ion: 56 Resp: 379403
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 104.5 82.8 124.2





#27
1,2-Dichloroethane-d4
Concen: 30.511 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN068456.D
Acq: 13 Sep 2021 14:29

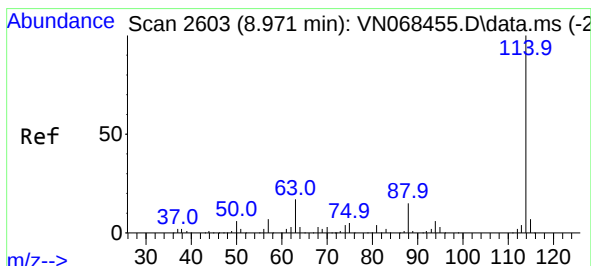
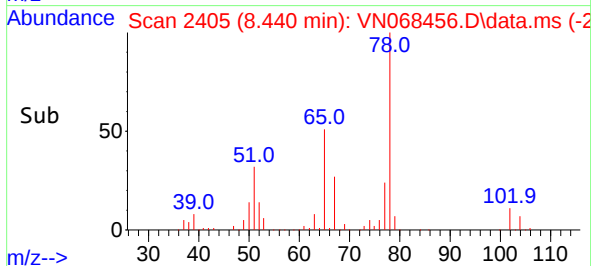
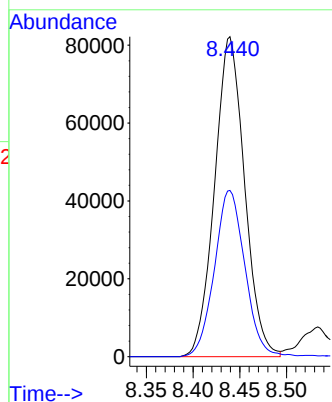
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



Tgt Ion: 65 Resp: 18370
Ion Ratio Lower Upper
65 100
67 52.6 41.8 62.8

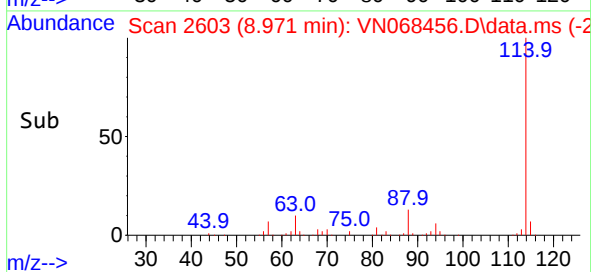
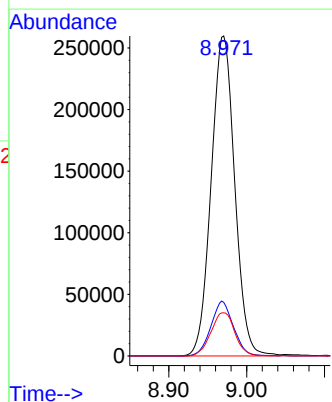
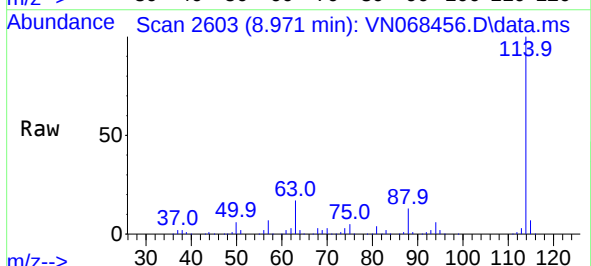
Manual Integrations
APPROVED

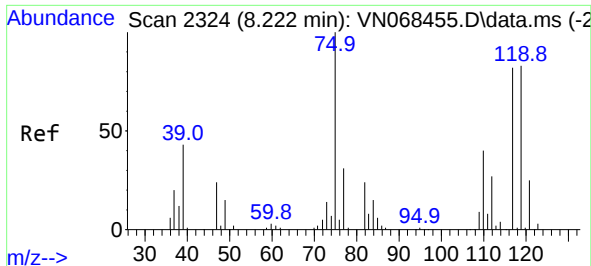
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. -0.000 min
Lab File: VN068456.D
Acq: 13 Sep 2021 14:29

Tgt Ion:114 Resp: 544840
Ion Ratio Lower Upper
114 100
63 16.5 13.4 20.0
88 13.8 11.1 16.7





#29

1,1-Dichloropropene

Concen: 51.257 ug/l

RT: 8.225 min Scan# 21

Delta R.T. 0.003 min

Lab File: VN068456.D

Acq: 13 Sep 2021 14:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC050

Tgt Ion: 75 Resp: 37417

Ion Ratio Lower Upper

75 100

110 41.4 0.0 82.2

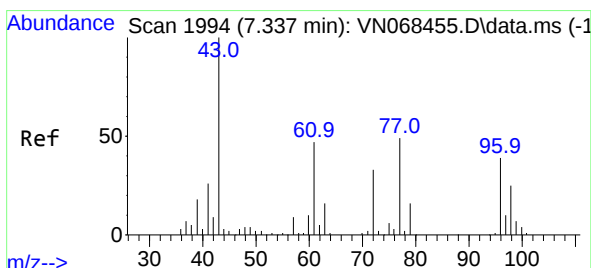
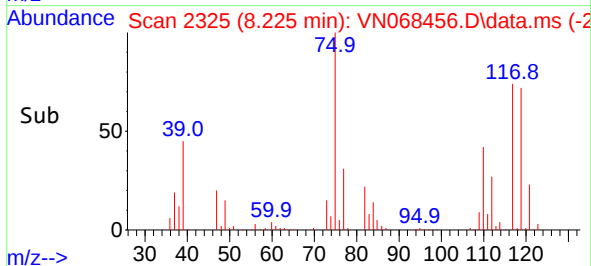
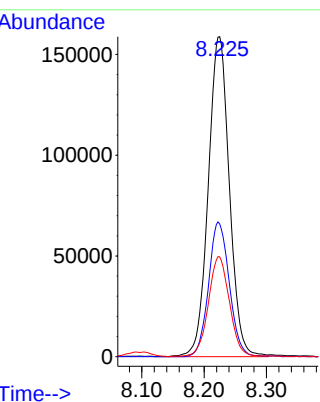
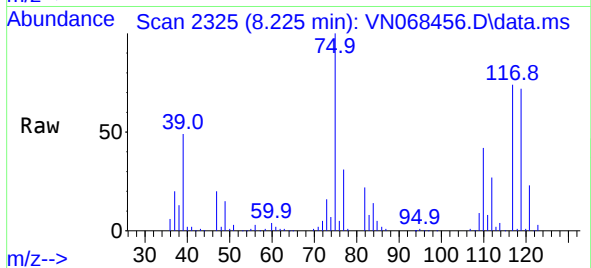
77 31.0 0.0 60.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2021

Supervised By :Mahesh Dadoda 09/14/2021



#30

2-Butanone

Concen: 260.431 ug/l

RT: 7.335 min Scan# 1993

Delta R.T. -0.003 min

Lab File: VN068456.D

Acq: 13 Sep 2021 14:29

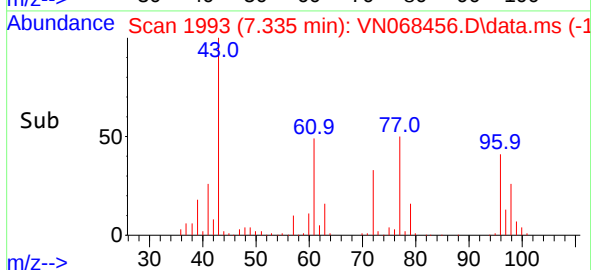
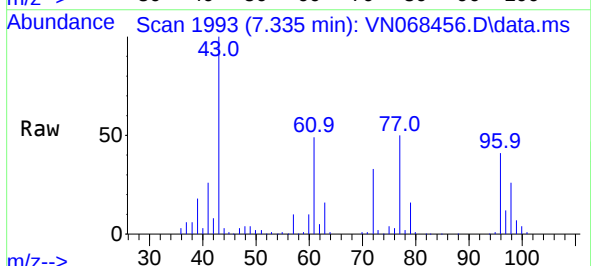
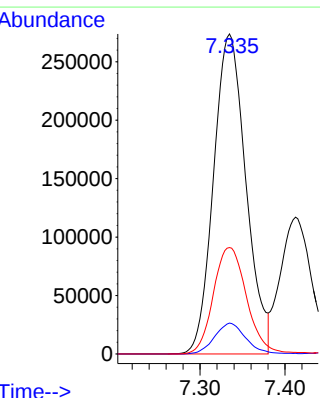
Tgt Ion: 43 Resp: 725608

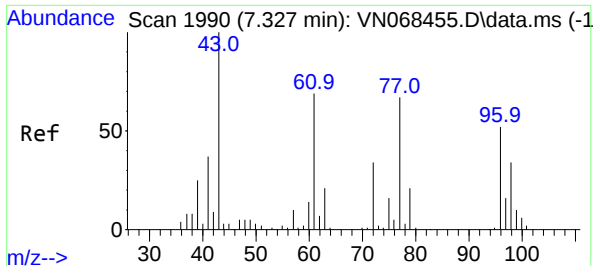
Ion Ratio Lower Upper

43 100

57 9.3 3.2 4.8#

72 34.2 26.6 39.8





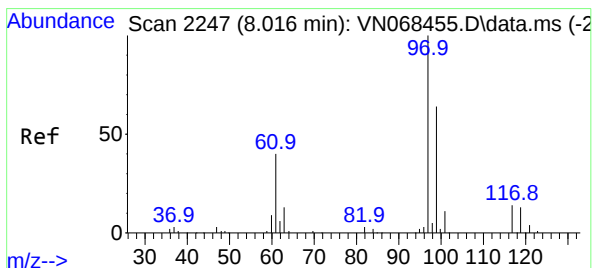
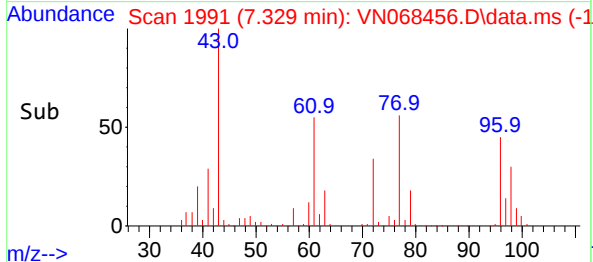
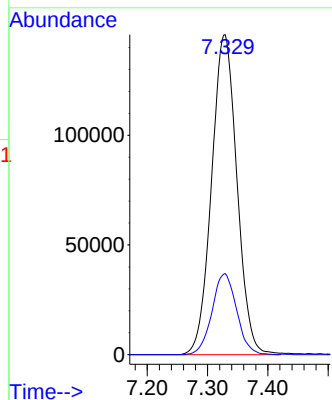
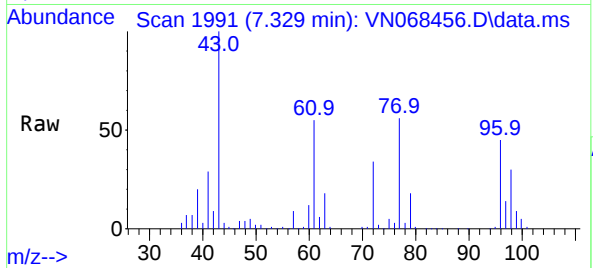
#31
2,2-Dichloropropane
Concen: 50.818 ug/l
RT: 7.329 min Scan# 1990
Delta R.T. 0.003 min
Lab File: VN068456.D
Acq: 13 Sep 2021 14:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tgt Ion: 77 Resp: 426900
Ion Ratio Lower Upper
77 100
97 24.5 18.6 28.0

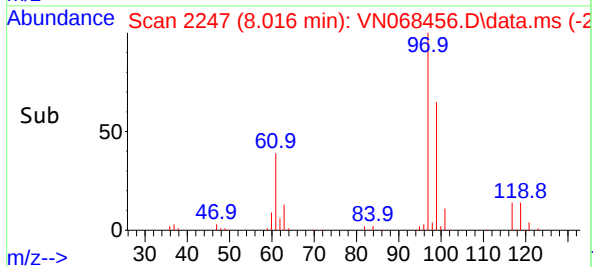
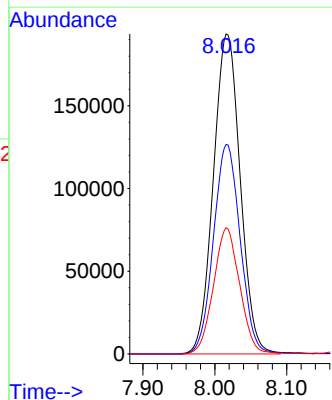
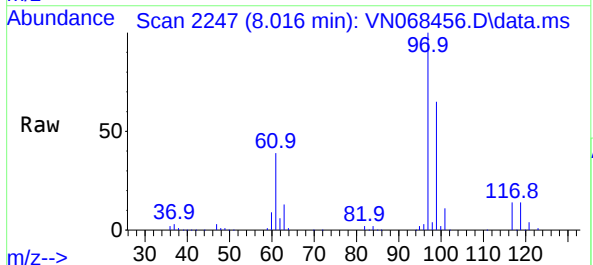
Manual Integrations
APPROVED

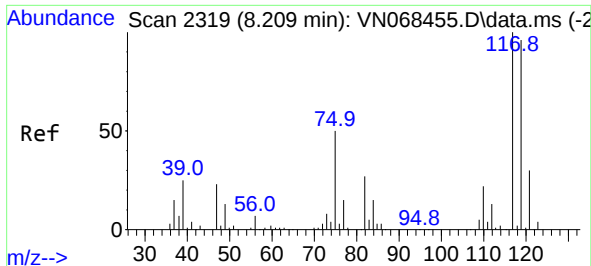
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021



#32
1,1,1-Trichloroethane
Concen: 50.634 ug/l
RT: 8.016 min Scan# 2247
Delta R.T. -0.000 min
Lab File: VN068456.D
Acq: 13 Sep 2021 14:29

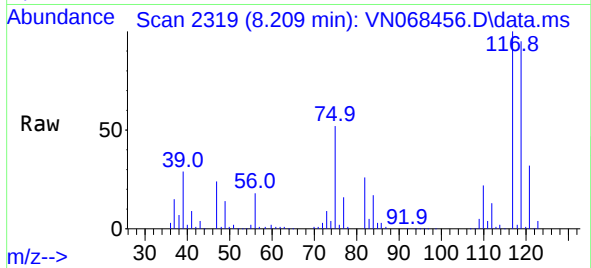
Tgt Ion: 97 Resp: 501946
Ion Ratio Lower Upper
97 100
99 65.1 51.4 77.2
61 38.4 31.4 47.0





#33
Carbon Tetrachloride
Concen: 50.952 ug/l
RT: 8.209 min Scan# 2319
Delta R.T. -0.000 min
Lab File: VN068456.D
Acq: 13 Sep 2021 14:29

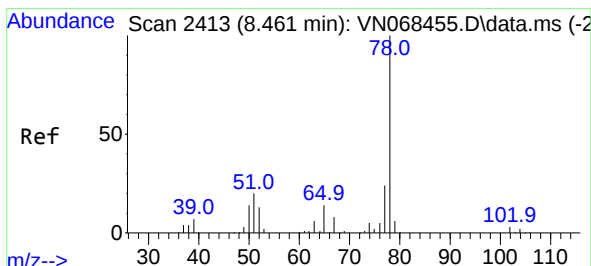
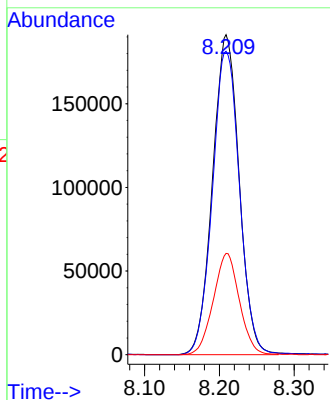
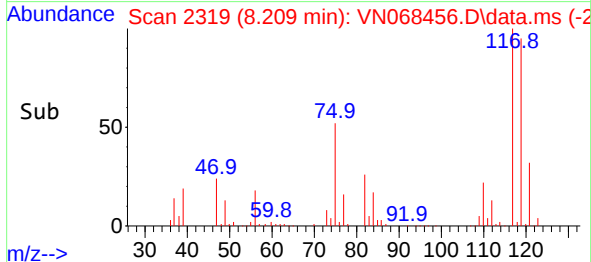
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



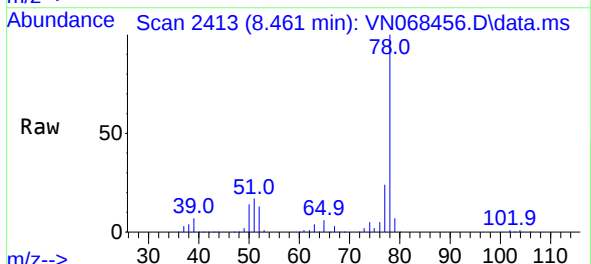
Tgt Ion:117 Resp: 47213
Ion Ratio Lower Upper
117 100
119 94.8 76.8 115.2
121 31.7 24.4 36.6

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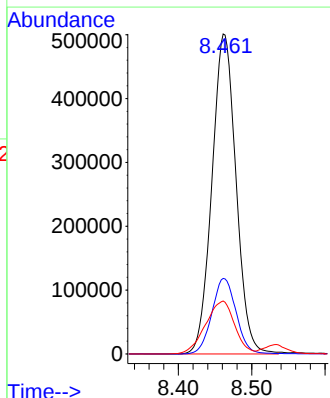
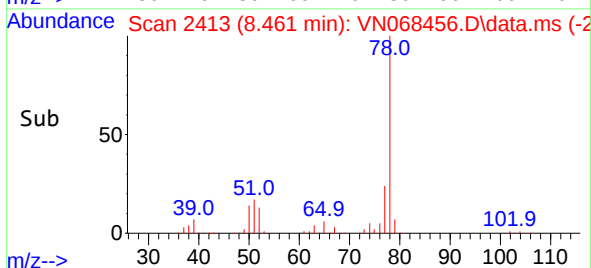
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021

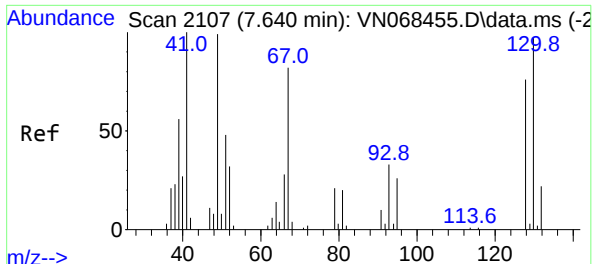


#34
Benzene
Concen: 51.367 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. -0.000 min
Lab File: VN068456.D
Acq: 13 Sep 2021 14:29



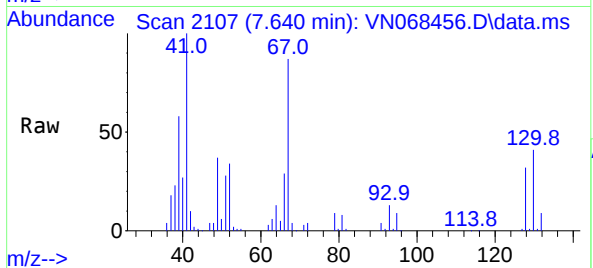
Tgt Ion: 78 Resp: 1143470
Ion Ratio Lower Upper
78 100
77 23.6 19.2 28.8
51 16.4 15.8 23.6





#35
Methacrylonitrile
Concen: 52.631 ug/l
RT: 7.640 min Scan# 2107
Delta R.T. -0.000 min
Lab File: VN068456.D
Acq: 13 Sep 2021 14:29

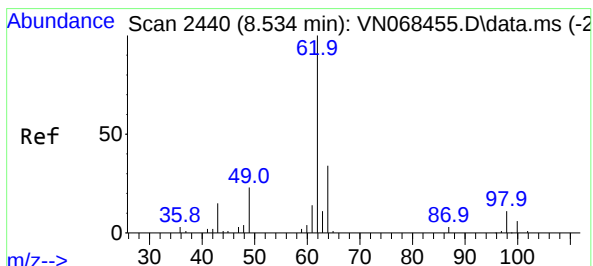
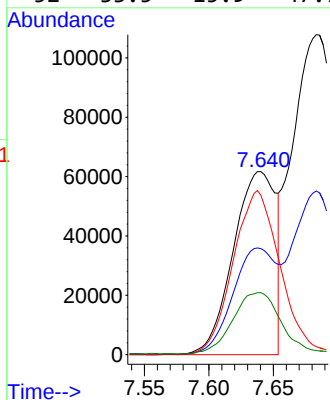
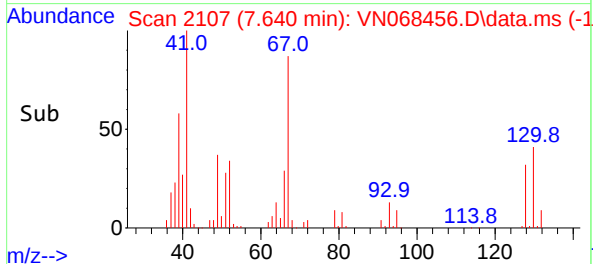
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



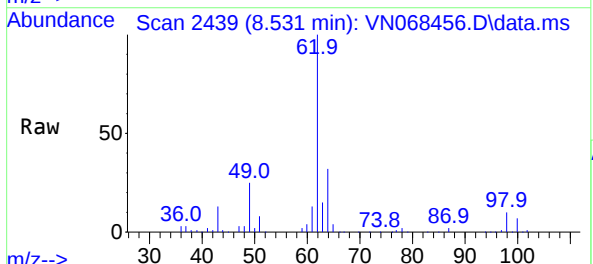
Tgt Ion: 41 Resp: 141423
Ion Ratio Lower Upper
41 100
39 57.2 28.2 84.6
67 87.0 40.8 122.5
52 33.5 15.9 47.7

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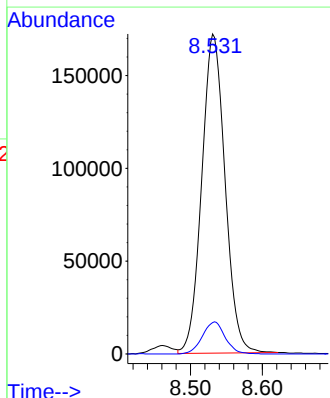
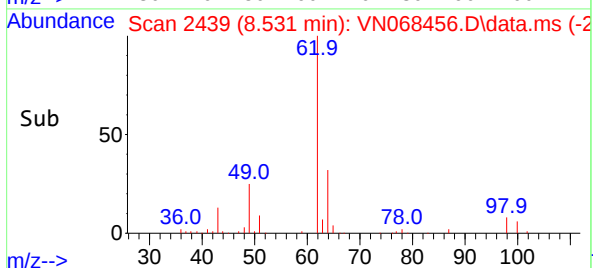
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021

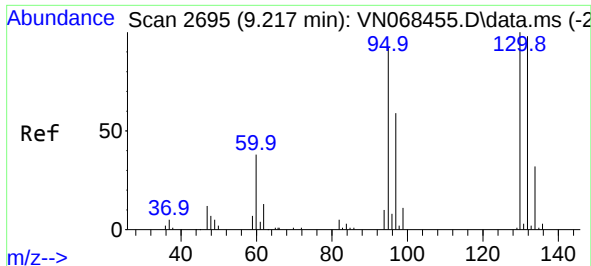


#36
1,2-Dichloroethane
Concen: 51.738 ug/l
RT: 8.531 min Scan# 2439
Delta R.T. -0.003 min
Lab File: VN068456.D
Acq: 13 Sep 2021 14:29



Tgt Ion: 62 Resp: 387776
Ion Ratio Lower Upper
62 100
98 9.9 7.8 11.8





#37
Trichloroethene
Concen: 49.817 ug/l
RT: 9.217 min Scan# 2695
Delta R.T. -0.000 min
Lab File: VN068456.D
Acq: 13 Sep 2021 14:29

Instrument :

MSVOA_N

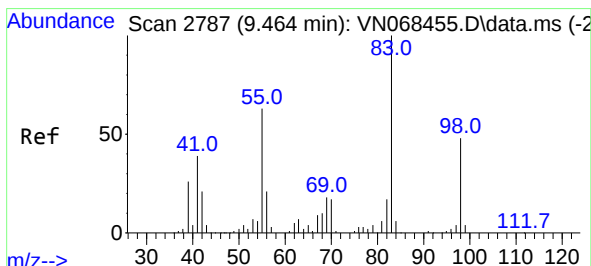
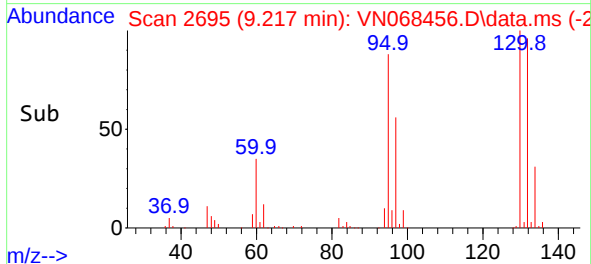
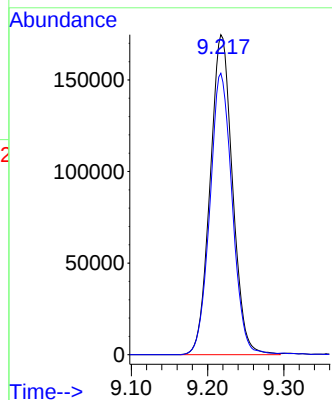
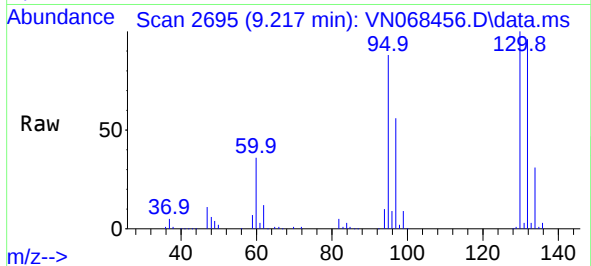
ClientSampleId :

VSTDIC050

Tgt Ion:130 Resp: 35643
Ion Ratio Lower Upper
130 100
95 87.9 73.4 110.0

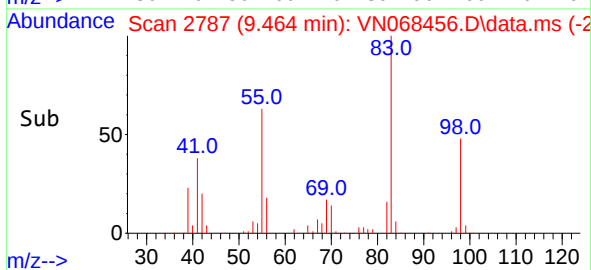
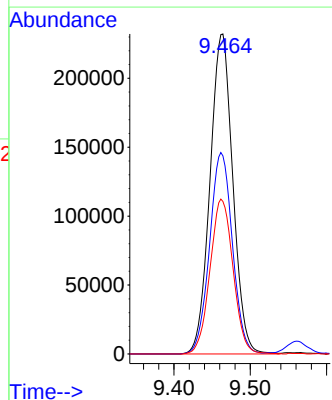
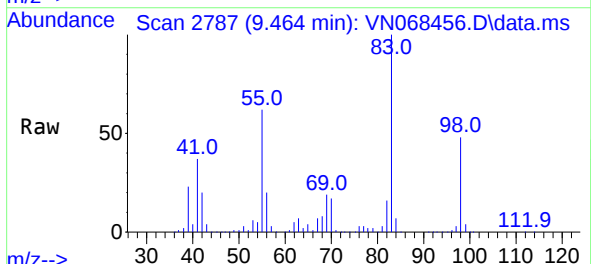
Manual Integrations
APPROVED

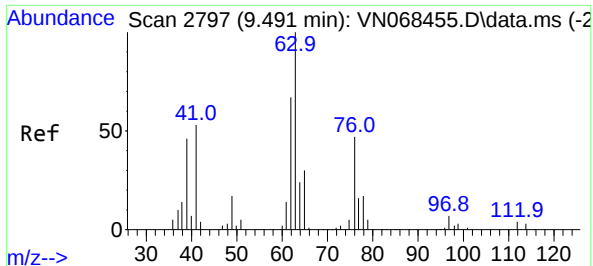
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021



#38
Methylcyclohexane
Concen: 51.455 ug/l
RT: 9.464 min Scan# 2787
Delta R.T. -0.000 min
Lab File: VN068456.D
Acq: 13 Sep 2021 14:29

Tgt Ion: 83 Resp: 482818
Ion Ratio Lower Upper
83 100
55 63.1 32.1 96.3
98 48.8 24.0 72.0





#39

1,2-Dichloropropane

Concen: 51.449 ug/l

RT: 9.491 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN068456.D

Acq: 13 Sep 2021 14:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC050

Tgt Ion: 63 Resp: 26955

Ion Ratio Lower Upper

63 100

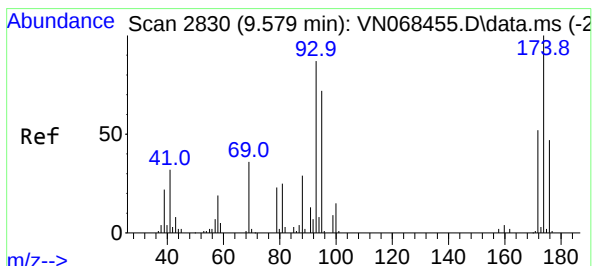
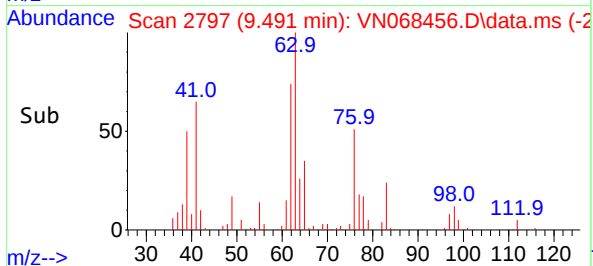
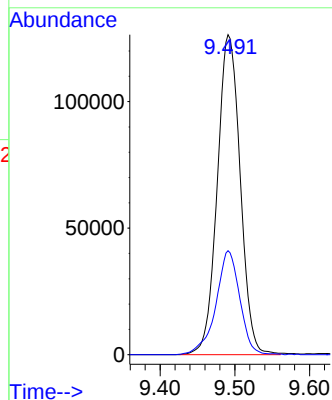
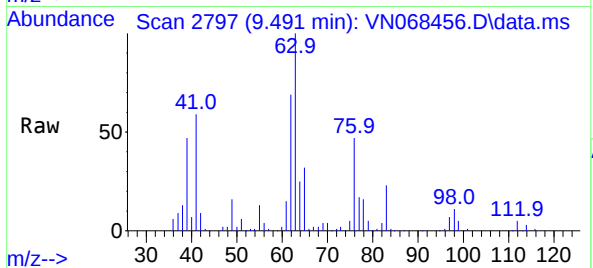
65 32.4 24.4 36.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2021

Supervised By :Mahesh Dadoda 09/14/2021



#40

Dibromomethane

Concen: 50.827 ug/l

RT: 9.579 min Scan# 2830

Delta R.T. -0.000 min

Lab File: VN068456.D

Acq: 13 Sep 2021 14:29

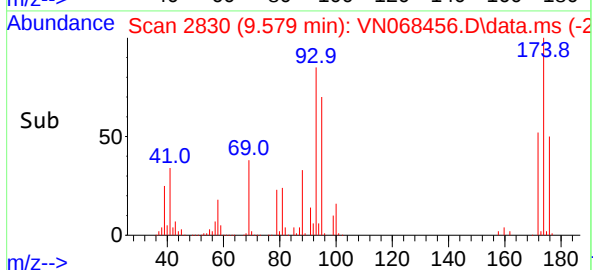
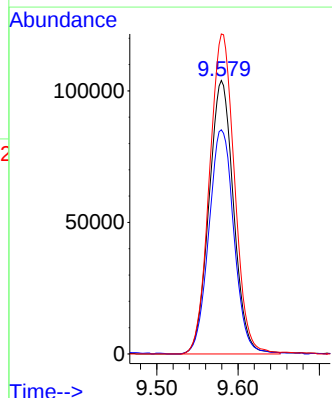
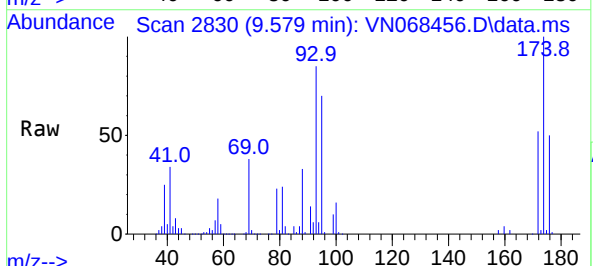
Tgt Ion: 93 Resp: 218787

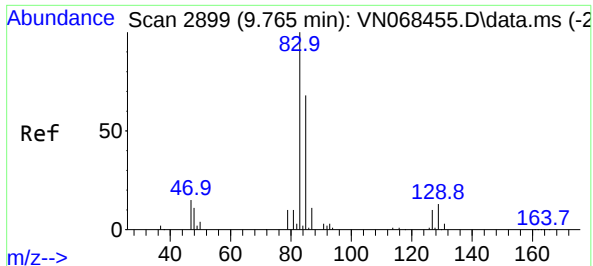
Ion Ratio Lower Upper

93 100

95 83.3 0.0 165.2

174 119.0 0.0 231.8





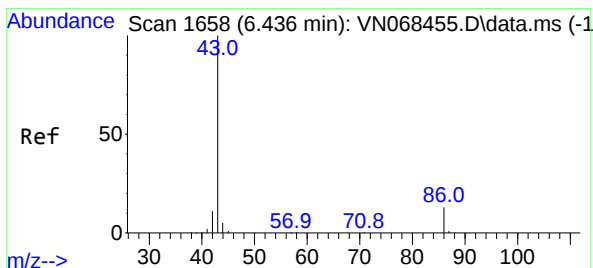
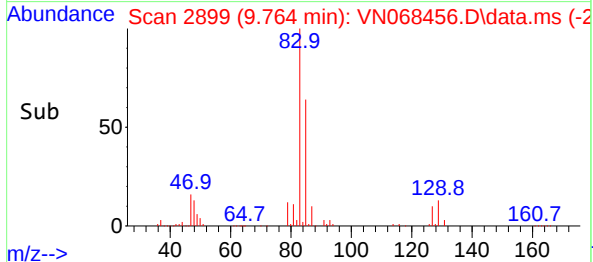
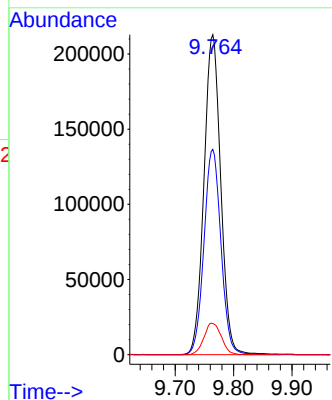
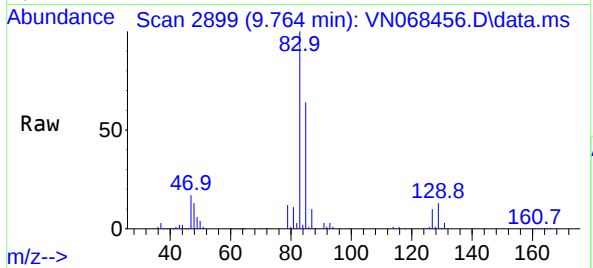
#41
Bromodichloromethane
Concen: 51.075 ug/l
RT: 9.764 min Scan# 2899
Delta R.T. -0.000 min
Lab File: VN068456.D
Acq: 13 Sep 2021 14:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tgt Ion: 83 Resp: 42489
Ion Ratio Lower Upper
83 100
85 64.2 54.1 81.1
127 9.7 8.8 13.2

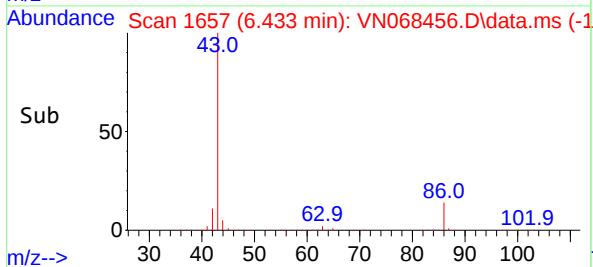
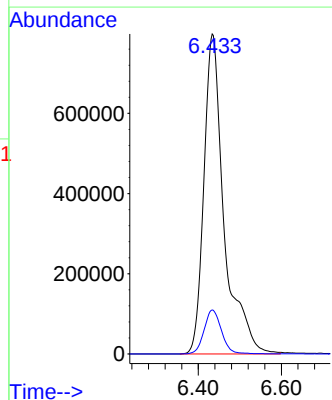
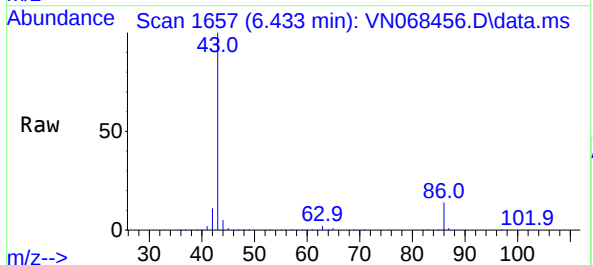
Manual Integrations
APPROVED

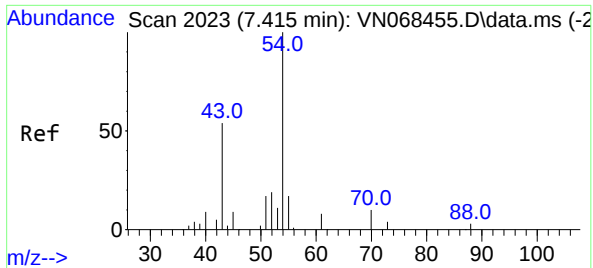
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021



#42
Vinyl Acetate
Concen: 268.839 ug/l
RT: 6.433 min Scan# 1657
Delta R.T. -0.003 min
Lab File: VN068456.D
Acq: 13 Sep 2021 14:29

Tgt Ion: 43 Resp: 2691121
Ion Ratio Lower Upper
43 100
86 11.9 9.0 13.6





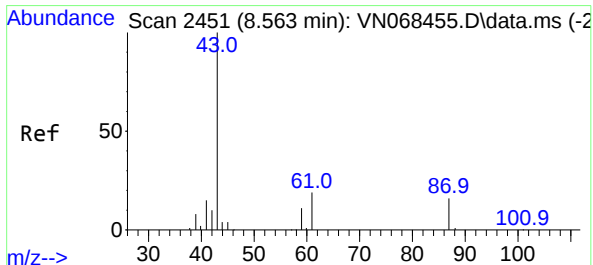
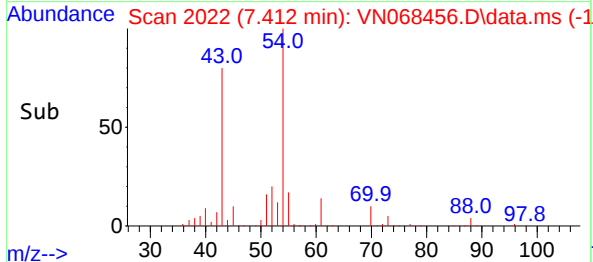
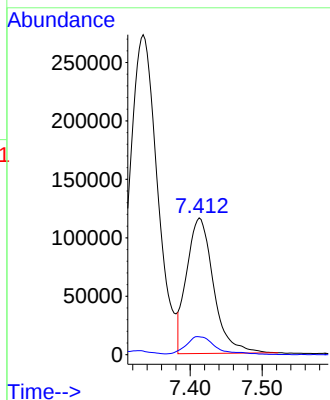
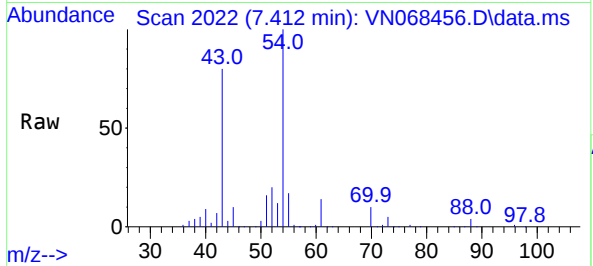
#43
Ethyl Acetate
Concen: 49.797 ug/l
RT: 7.412 min Scan# 2023
Delta R.T. -0.003 min
Lab File: VN068456.D
Acq: 13 Sep 2021 14:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Tgt Ion: 43 Resp: 301010
Ion Ratio Lower Upper
43 100
45 12.8 0.4 0.6

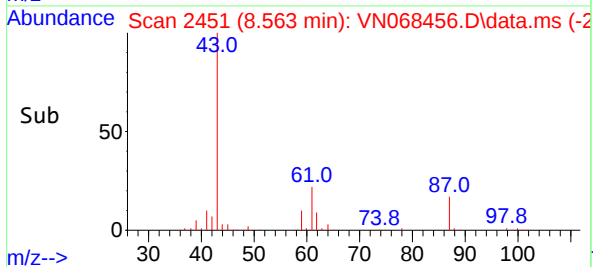
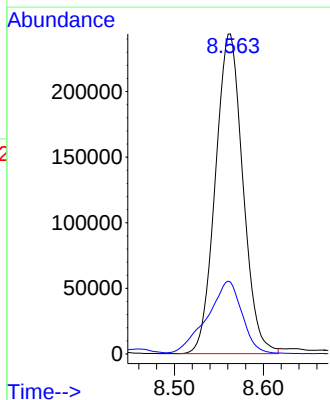
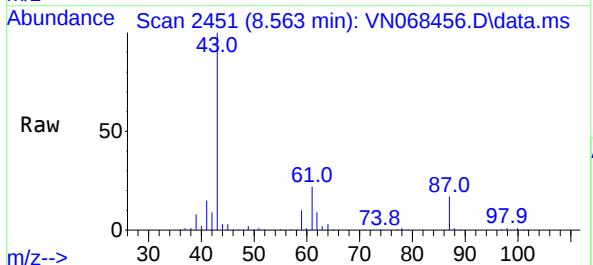
Manual Integrations
APPROVED

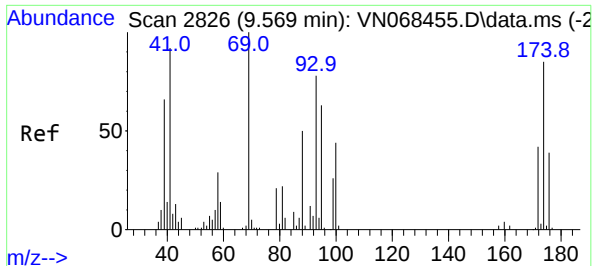
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021



#44
Isopropyl Acetate
Concen: 52.122 ug/l
RT: 8.563 min Scan# 2451
Delta R.T. -0.000 min
Lab File: VN068456.D
Acq: 13 Sep 2021 14:29

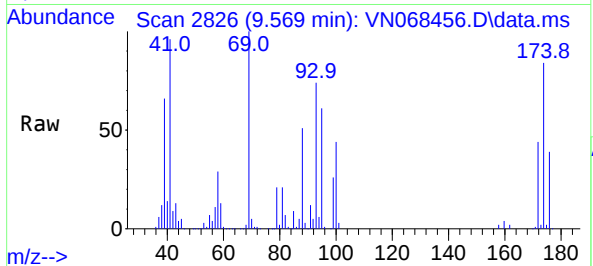
Tgt Ion: 43 Resp: 523305
Ion Ratio Lower Upper
43 100
61 28.9 22.7 34.1





#45
1,4-Dioxane
Concen: 1095.255 ug/l
RT: 9.569 min Scan# 2826
Delta R.T. -0.000 min
Lab File: VN068456.D
Acq: 13 Sep 2021 14:29

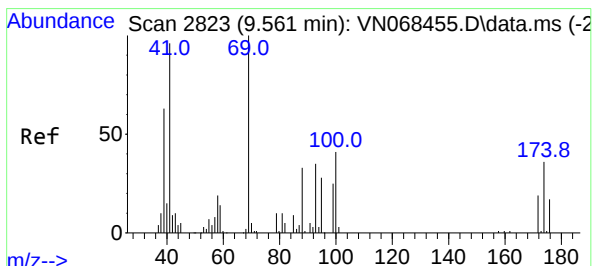
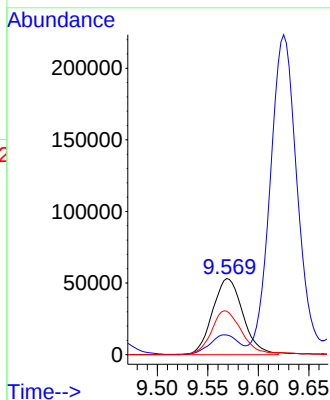
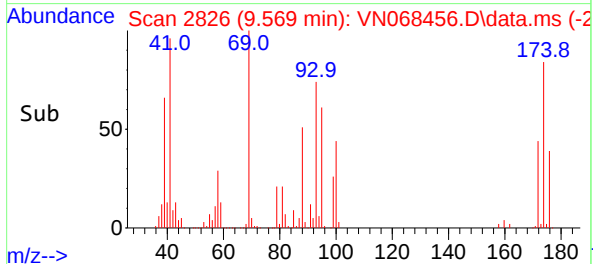
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



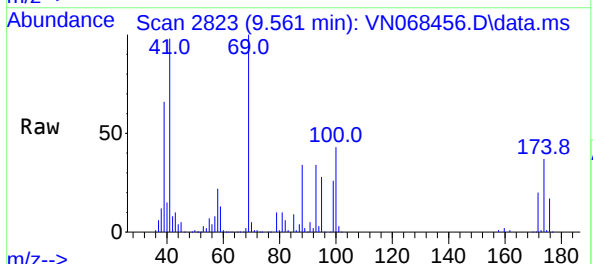
Tgt Ion: 88 Resp: 111400
Ion Ratio Lower Upper
88 100
43 23.7 21.0 31.4
58 56.8 47.0 70.6

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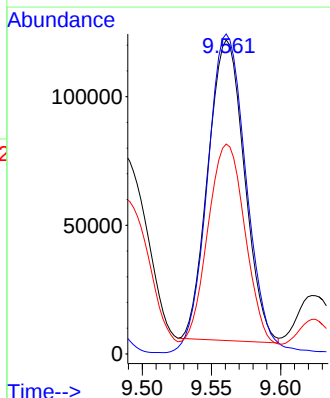
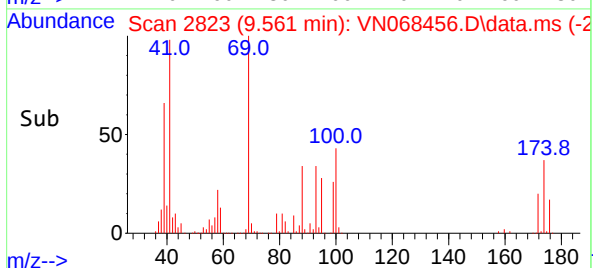
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021

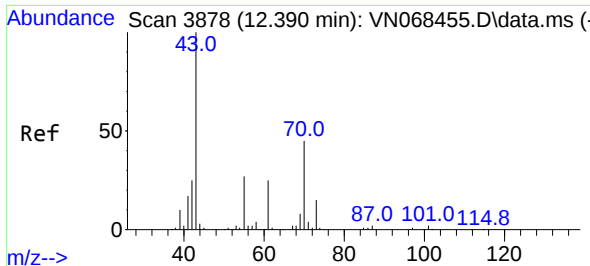


#46
Methyl methacrylate
Concen: 52.436 ug/l
RT: 9.561 min Scan# 2823
Delta R.T. -0.000 min
Lab File: VN068456.D
Acq: 13 Sep 2021 14:29



Tgt Ion: 41 Resp: 213354
Ion Ratio Lower Upper
41 100
69 105.1 51.4 154.3
39 67.0 33.1 99.2





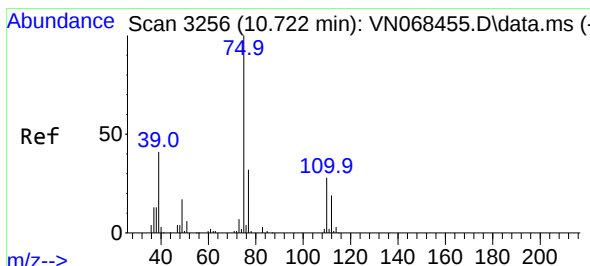
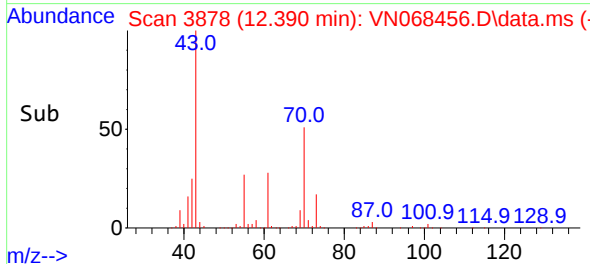
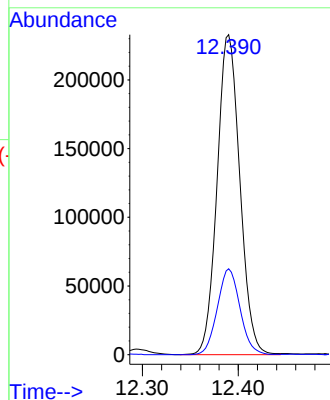
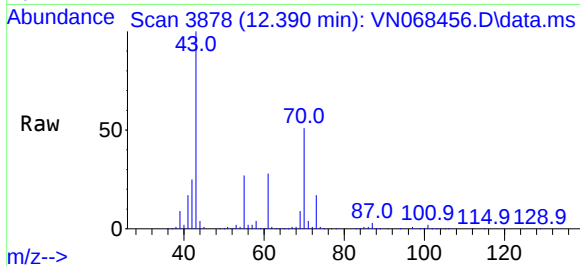
#47
n-amyl acetate
Concen: 54.297 ug/l
RT: 12.390 min Scan# 3878
Delta R.T. -0.000 min
Lab File: VN068456.D
Acq: 13 Sep 2021 14:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tgt Ion: 43 Resp: 383528
Ion Ratio Lower Upper
43 100
55 26.7 21.7 32.5

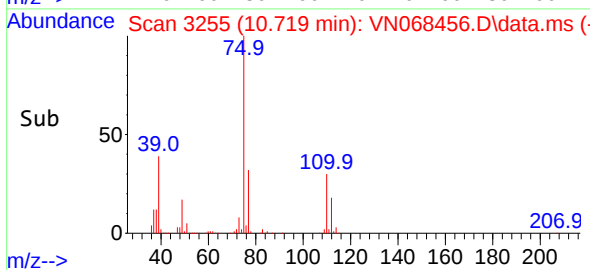
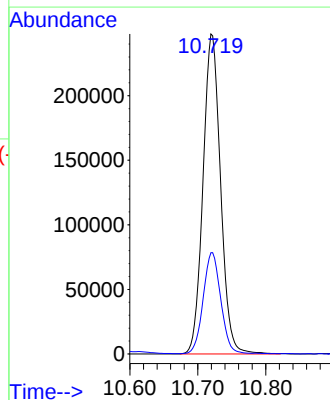
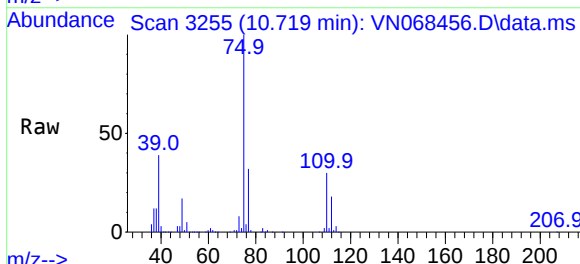
Manual Integrations
APPROVED

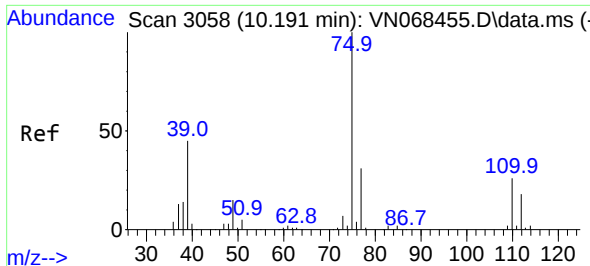
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021



#48
t-1,3-Dichloropropene
Concen: 52.851 ug/l
RT: 10.719 min Scan# 3255
Delta R.T. -0.003 min
Lab File: VN068456.D
Acq: 13 Sep 2021 14:29

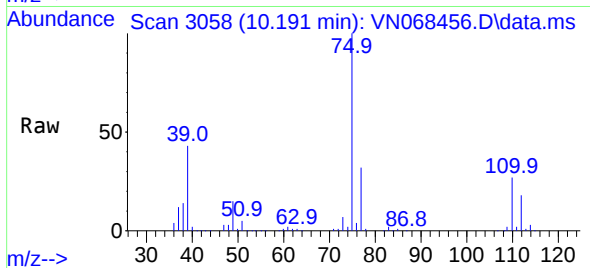
Tgt Ion: 75 Resp: 445168
Ion Ratio Lower Upper
75 100
77 31.6 26.0 39.0





#49
cis-1,3-Dichloropropene
Concen: 51.497 ug/l
RT: 10.191 min Scan# 3058
Delta R.T. -0.000 min
Lab File: VN068456.D
Acq: 13 Sep 2021 14:29

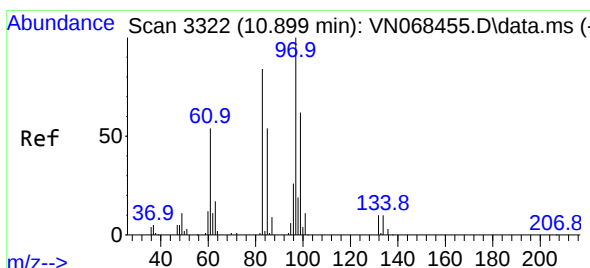
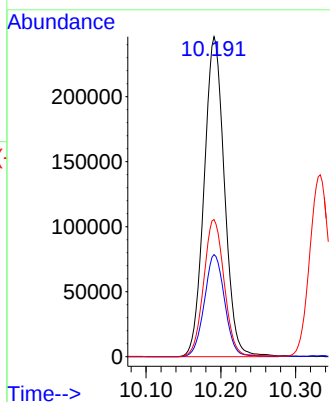
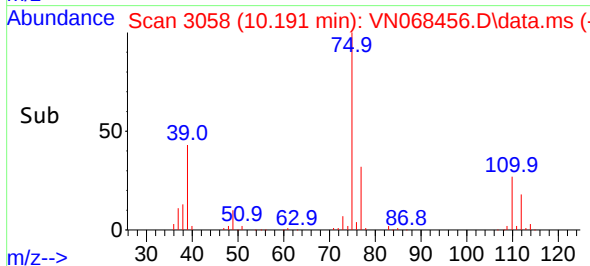
Instrument : MSVOA_N
ClientSampleId : VSTDIC050



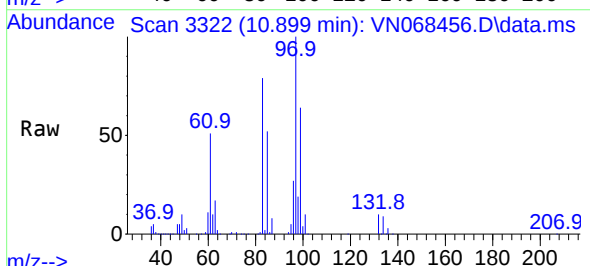
Tgt Ion: 75 Resp: 466180
Ion Ratio Lower Upper
75 100
77 31.9 24.6 36.8
39 42.9 35.9 53.9

Manual Integrations
APPROVED

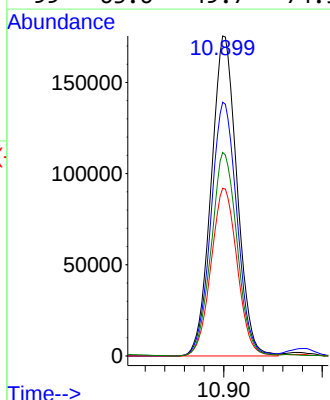
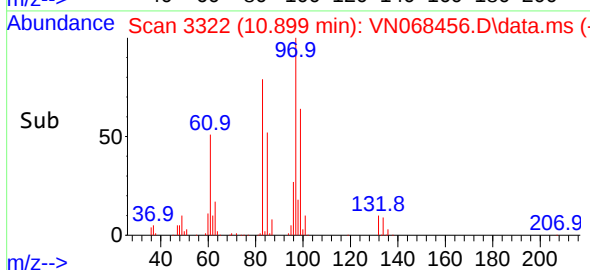
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021

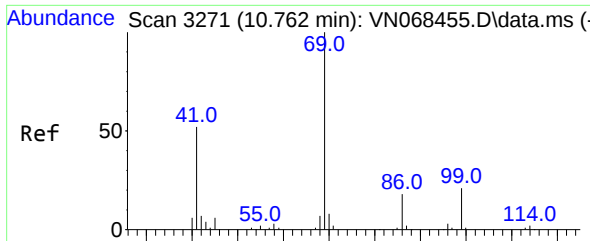


#50
1,1,2-Trichloroethane
Concen: 51.428 ug/l
RT: 10.899 min Scan# 3322
Delta R.T. -0.000 min
Lab File: VN068456.D
Acq: 13 Sep 2021 14:29



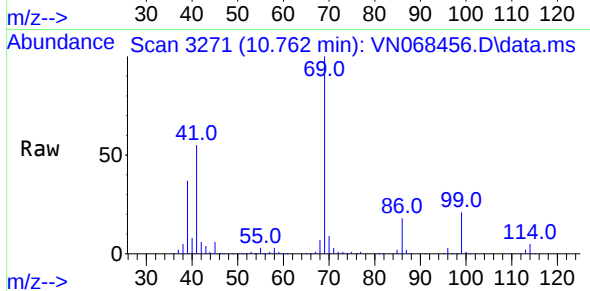
Tgt Ion: 97 Resp: 319923
Ion Ratio Lower Upper
97 100
83 79.3 66.8 100.2
85 52.4 43.5 65.3
99 63.6 49.7 74.5





#51
Ethyl methacrylate
Concen: 53.934 ug/l
RT: 10.762 min Scan# 3271
Delta R.T. -0.000 min
Lab File: VN068456.D
Acq: 13 Sep 2021 14:29

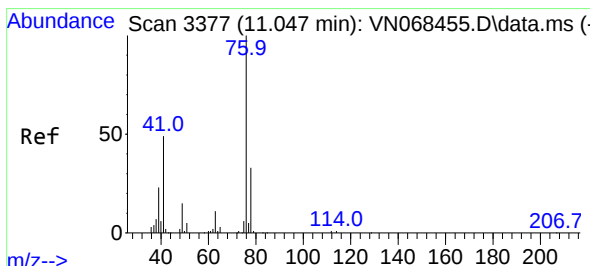
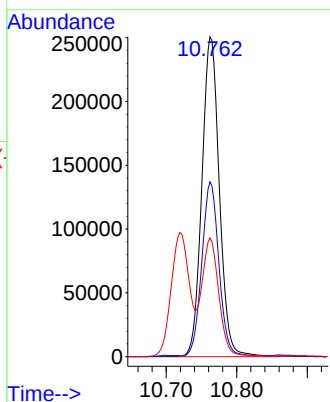
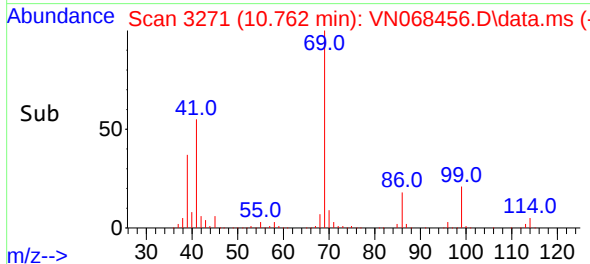
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



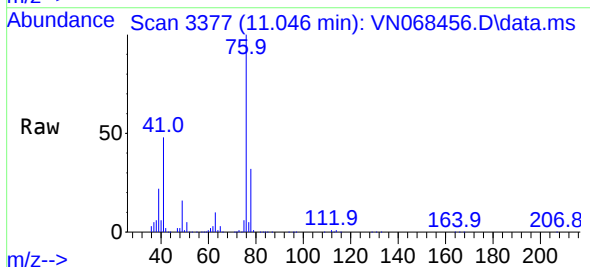
Tgt Ion: 69 Resp: 430770
Ion Ratio Lower Upper
69 100
41 54.3 26.1 78.3
39 36.8 18.0 54.0

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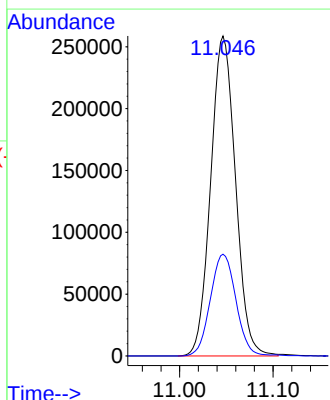
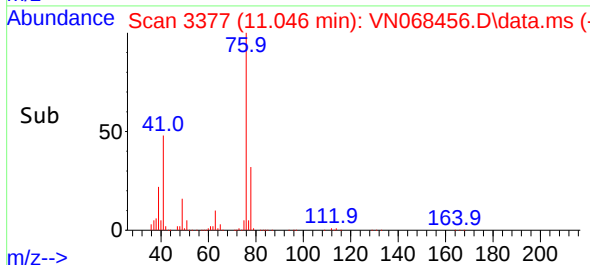
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021

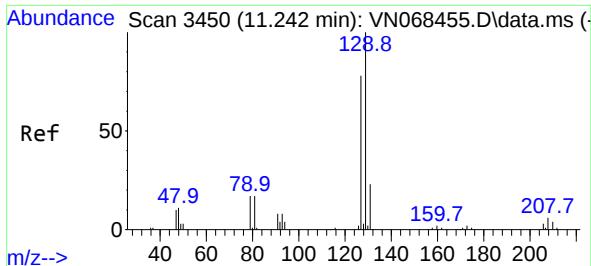


#52
1,3-Dichloropropane
Concen: 51.634 ug/l
RT: 11.046 min Scan# 3377
Delta R.T. -0.000 min
Lab File: VN068456.D
Acq: 13 Sep 2021 14:29



Tgt Ion: 76 Resp: 477661
Ion Ratio Lower Upper
76 100
78 32.7 0.0 66.4





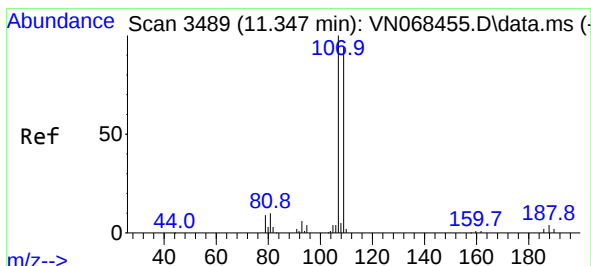
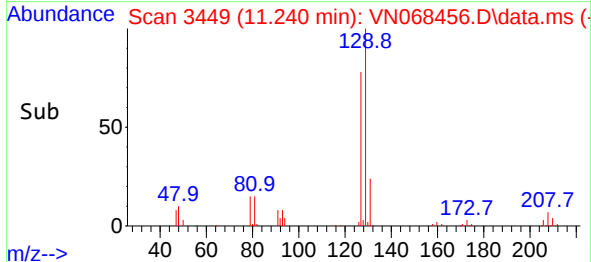
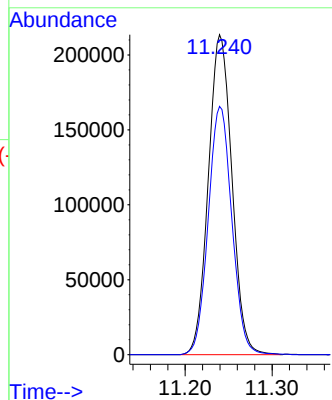
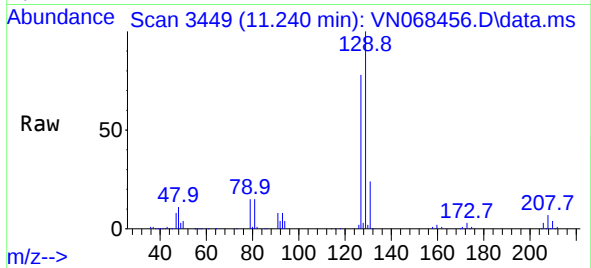
#53
Dibromochloromethane
Concen: 52.661 ug/l
RT: 11.240 min Scan# 3449
Delta R.T. -0.003 min
Lab File: VN068456.D
Acq: 13 Sep 2021 14:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tgt Ion:129 Resp: 402824
Ion Ratio Lower Upper
129 100
127 77.7 38.5 115.5

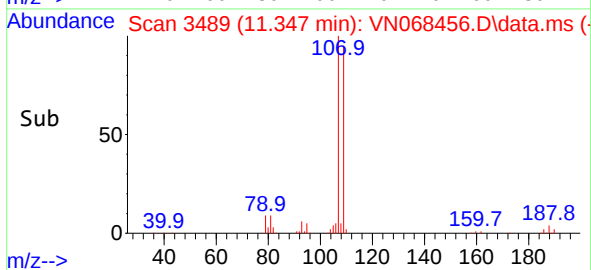
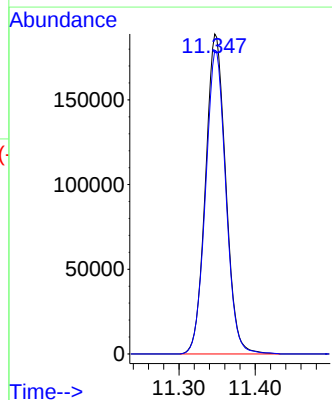
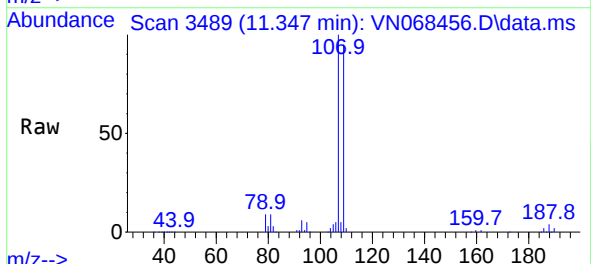
Manual Integrations
APPROVED

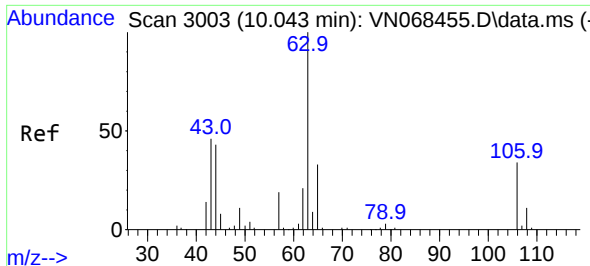
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021



#54
1,2-Dibromoethane
Concen: 52.135 ug/l
RT: 11.347 min Scan# 3489
Delta R.T. -0.000 min
Lab File: VN068456.D
Acq: 13 Sep 2021 14:29

Tgt Ion:107 Resp: 347821
Ion Ratio Lower Upper
107 100
109 95.0 77.0 115.4





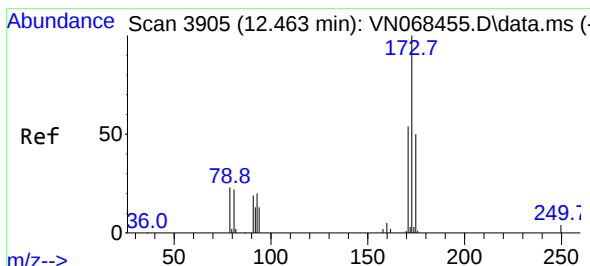
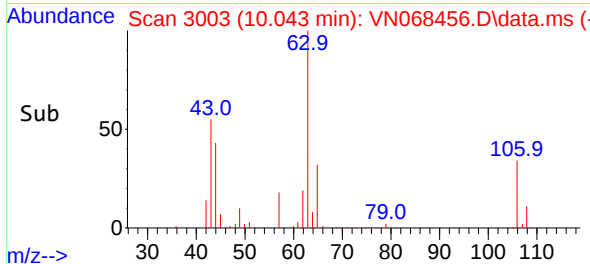
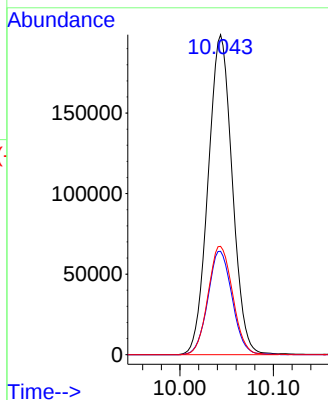
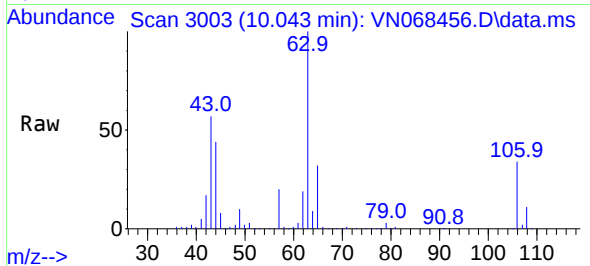
#55
2-Chloroethyl vinyl ether
Concen: 263.664 ug/l
RT: 10.043 min Scan# 3003
Delta R.T. -0.000 min
Lab File: VN068456.D
Acq: 13 Sep 2021 14:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Tgt Ion: 63 Resp: 356520
Ion Ratio Lower Upper
63 100
65 32.6 26.2 39.2
106 34.5 27.7 41.5

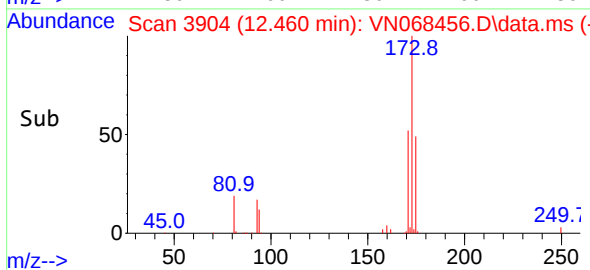
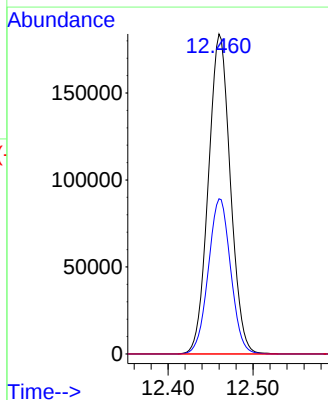
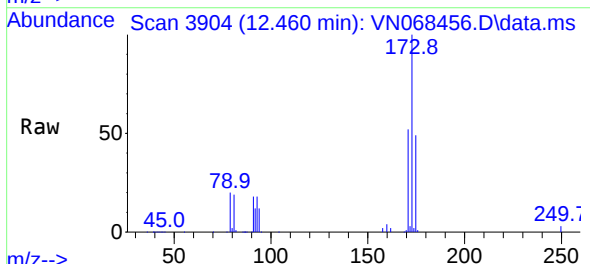
Manual Integrations
APPROVED

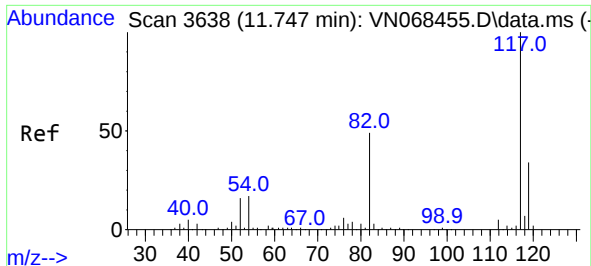
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021



#56
Bromoform
Concen: 53.867 ug/l
RT: 12.460 min Scan# 3904
Delta R.T. -0.003 min
Lab File: VN068456.D
Acq: 13 Sep 2021 14:29

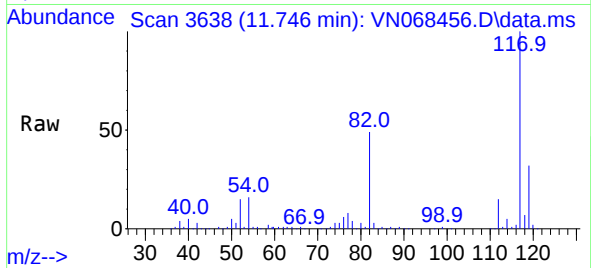
Tgt Ion:173 Resp: 330969
Ion Ratio Lower Upper
173 100
175 49.3 38.8 58.2
254 0.0 0.0 0.0





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. -0.000 min
Lab File: VN068456.D
Acq: 13 Sep 2021 14:29

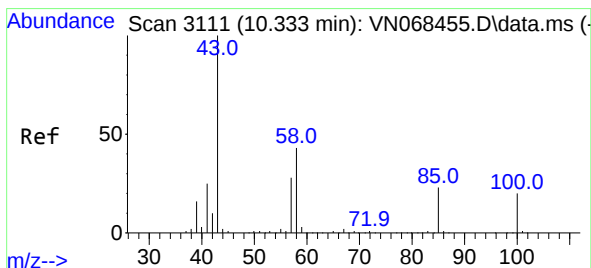
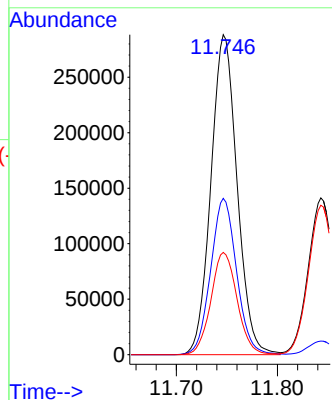
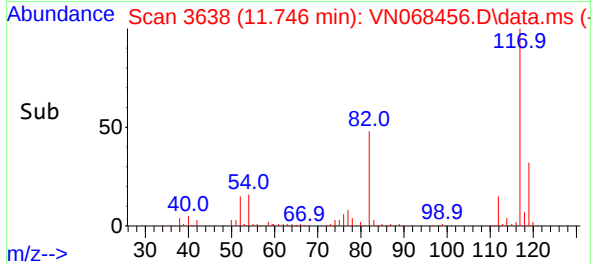
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



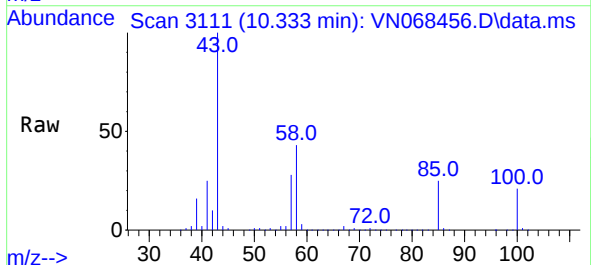
Tgt Ion:117 Resp: 51869
Ion Ratio Lower Upper
117 100
82 48.5 39.4 59.0
119 32.0 26.2 39.2

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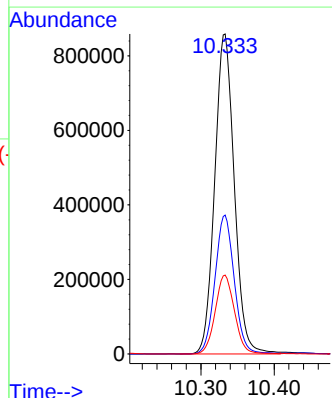
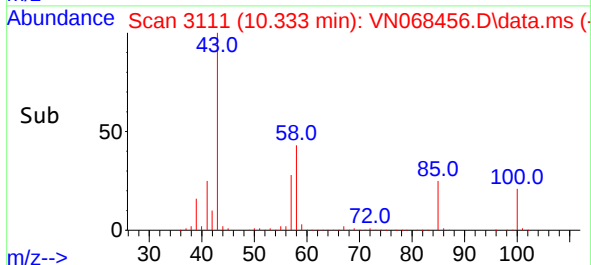
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021

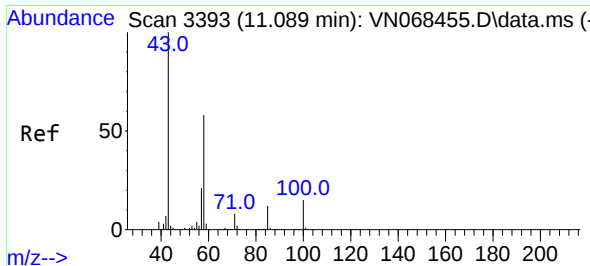


#58
4-Methyl-2-Pentanone
Concen: 260.605 ug/l
RT: 10.333 min Scan# 3111
Delta R.T. -0.000 min
Lab File: VN068456.D
Acq: 13 Sep 2021 14:29



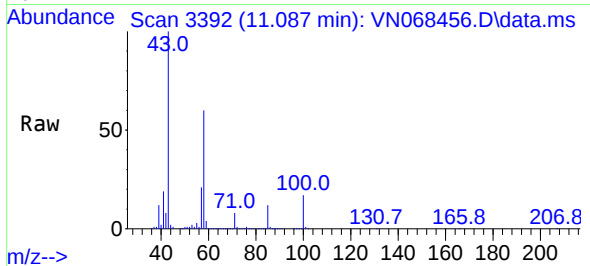
Tgt Ion: 43 Resp: 1591223
Ion Ratio Lower Upper
43 100
58 42.9 33.3 49.9
85 24.4 18.6 27.8





#59
2-Hexanone
Concen: 264.094 ug/l
RT: 11.087 min Scan# 311
Delta R.T. -0.003 min
Lab File: VN068456.D
Acq: 13 Sep 2021 14:29

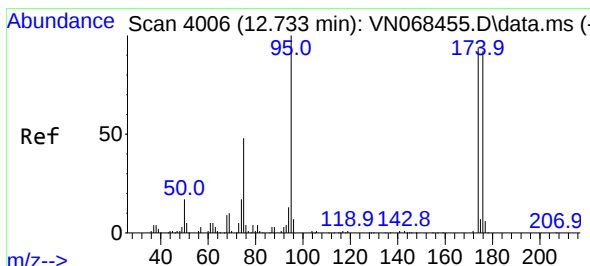
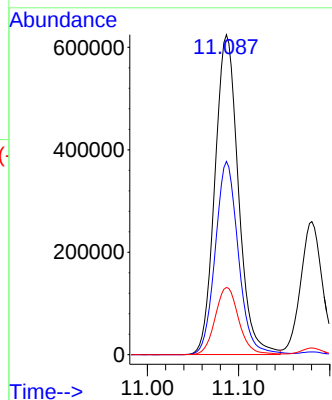
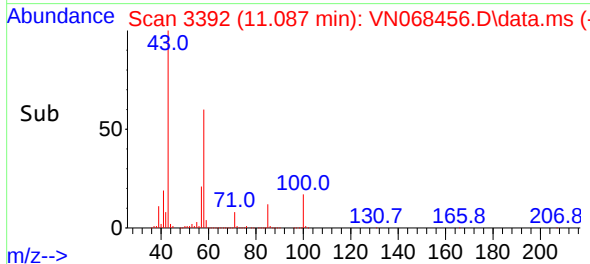
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



Tgt Ion: 43 Resp: 1117580
Ion Ratio Lower Upper
43 100
58 59.6 46.4 69.6
57 21.2 16.6 25.0

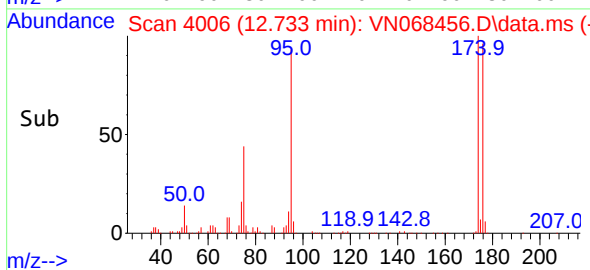
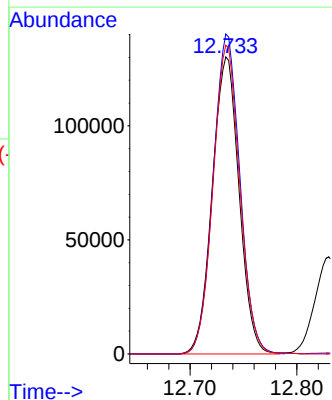
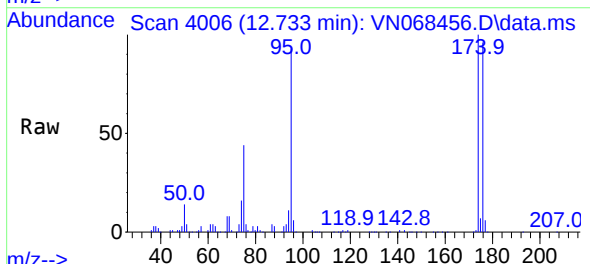
Manual Integrations
APPROVED

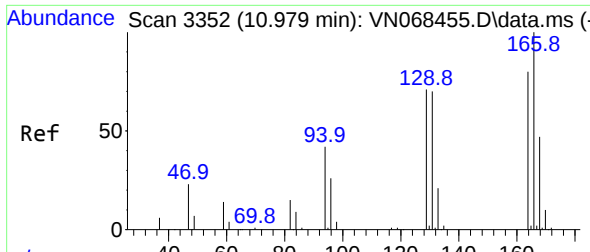
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021



#60
4-Bromofluorobenzene
Concen: 30.736 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.000 min
Lab File: VN068456.D
Acq: 13 Sep 2021 14:29

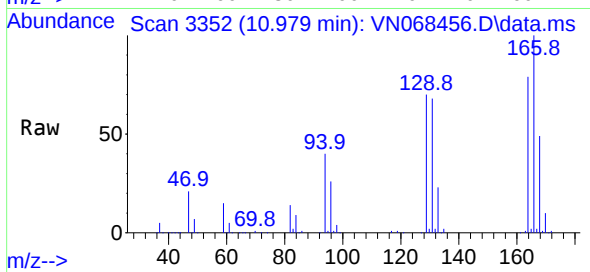
Tgt Ion: 95 Resp: 227233
Ion Ratio Lower Upper
95 100
174 107.1 78.0 117.0
176 103.5 76.4 114.6





#61
Tetrachloroethene
Concen: 50.398 ug/l
RT: 10.979 min Scan# 311
Delta R.T. -0.000 min
Lab File: VN068456.D
Acq: 13 Sep 2021 14:29

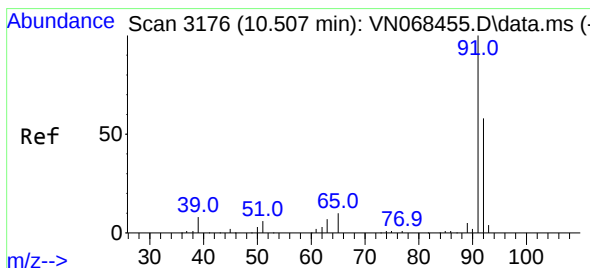
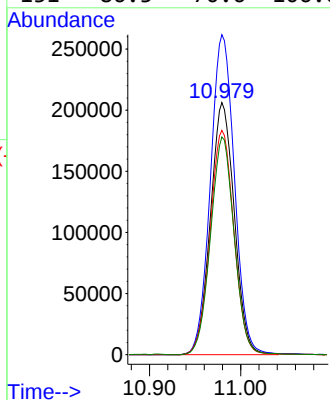
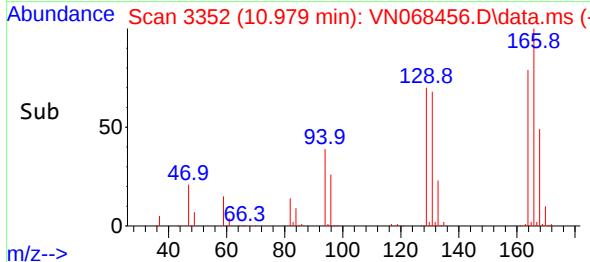
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



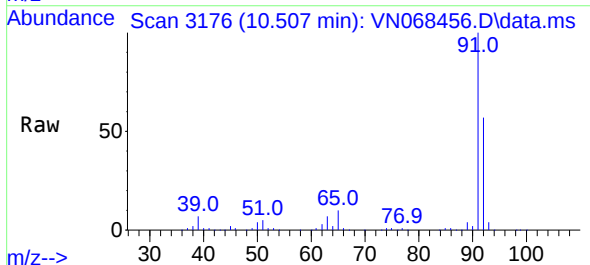
Tgt Ion:164 Resp: 37586
Ion Ratio Lower Upper
164 100
166 126.9 100.4 150.6
129 89.0 71.4 107.0
131 86.3 70.6 106.0

Manual Integrations
APPROVED

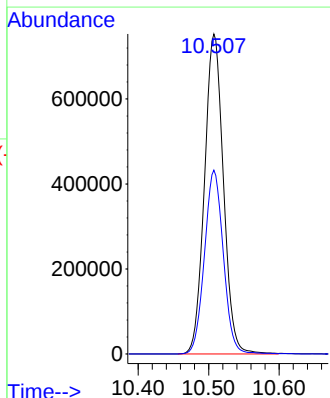
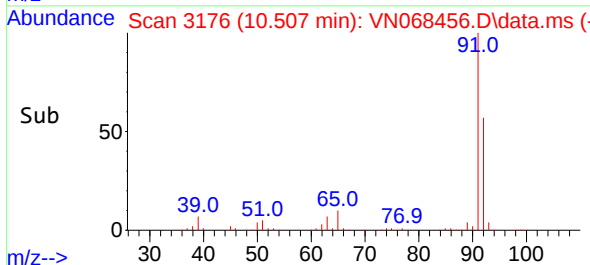
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021

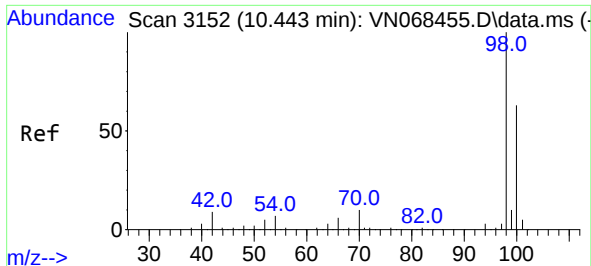


#62
Toluene
Concen: 51.487 ug/l
RT: 10.507 min Scan# 3176
Delta R.T. -0.000 min
Lab File: VN068456.D
Acq: 13 Sep 2021 14:29



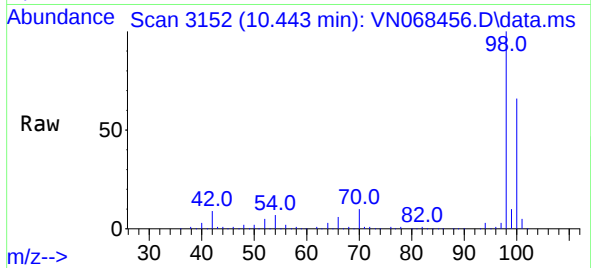
Tgt Ion: 91 Resp: 1405564
Ion Ratio Lower Upper
91 100
92 56.8 45.8 68.6





#63
Toluene-d8
Concen: 30.089 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VN068456.D
Acq: 13 Sep 2021 14:29

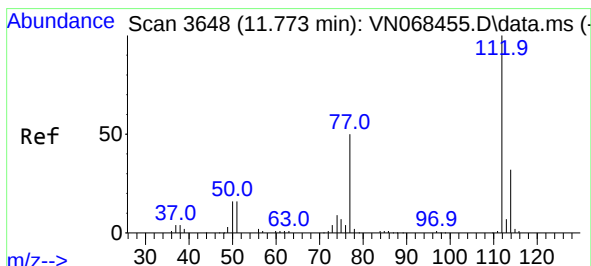
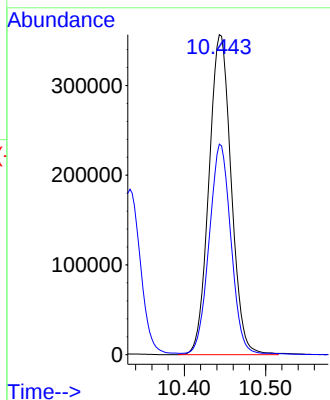
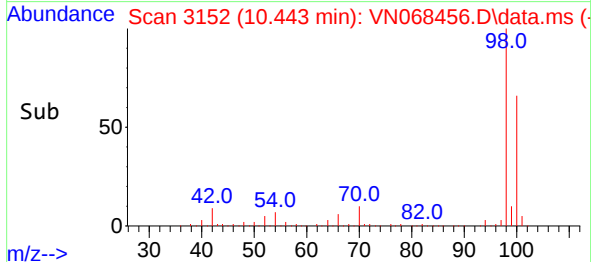
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



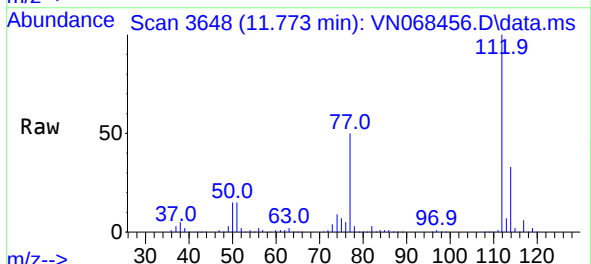
Tgt Ion: 98 Resp: 678948
Ion Ratio Lower Upper
98 100
100 63.5 50.9 76.3

Manual Integrations
APPROVED

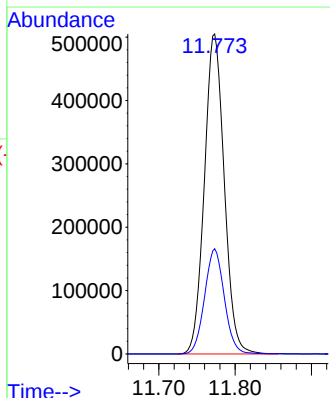
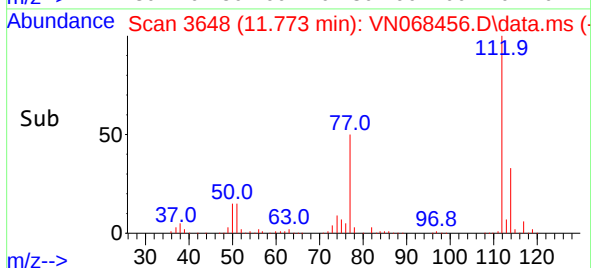
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021

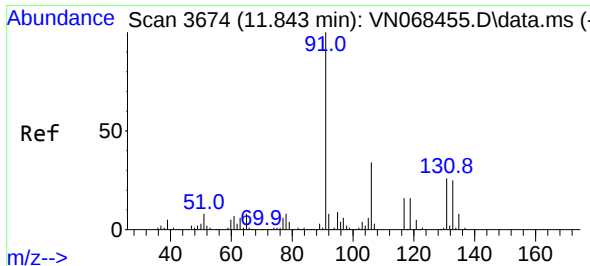


#64
Chlorobenzene
Concen: 50.780 ug/l
RT: 11.773 min Scan# 3648
Delta R.T. -0.000 min
Lab File: VN068456.D
Acq: 13 Sep 2021 14:29



Tgt Ion:112 Resp: 914303
Ion Ratio Lower Upper
112 100
114 32.9 25.8 38.6





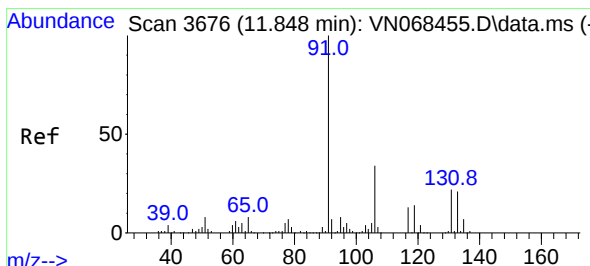
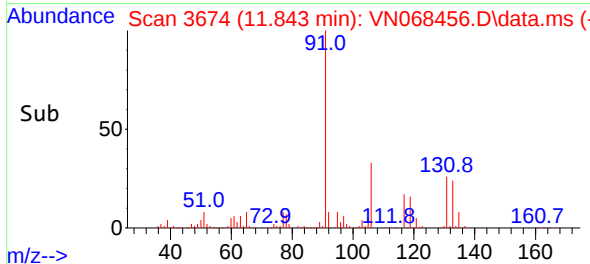
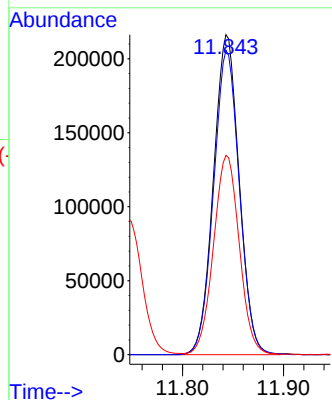
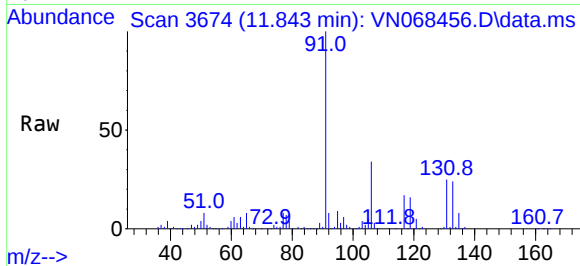
#65
1,1,1,2-Tetrachloroethane
Concen: 52.005 ug/l
RT: 11.843 min Scan# 3674
Delta R.T. -0.000 min
Lab File: VN068456.D
Acq: 13 Sep 2021 14:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Tgt Ion:131 Resp: 382145
Ion Ratio Lower Upper
131 100
133 95.4 0.0 192.2
119 62.4 0.0 127.0

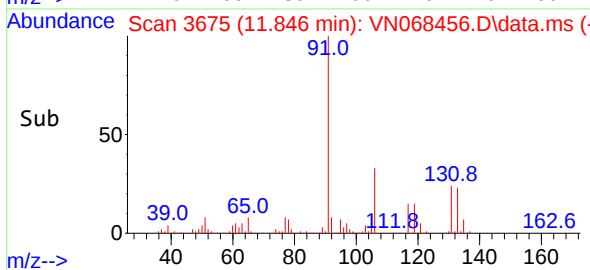
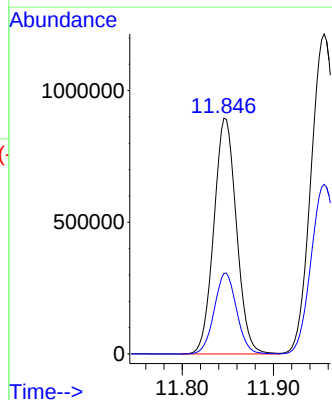
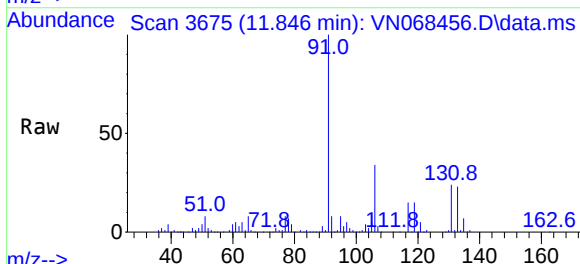
Manual Integrations
APPROVED

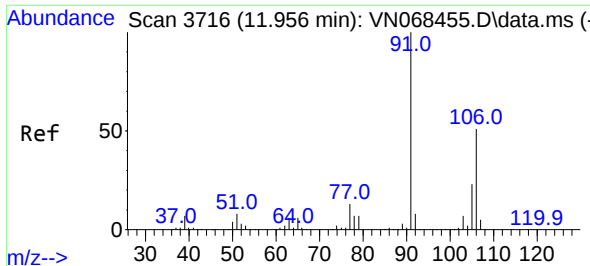
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021



#66
Ethyl Benzene
Concen: 51.917 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. -0.003 min
Lab File: VN068456.D
Acq: 13 Sep 2021 14:29

Tgt Ion: 91 Resp: 1540319
Ion Ratio Lower Upper
91 100
106 34.2 27.2 40.8





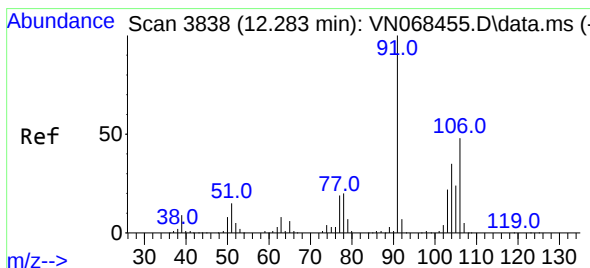
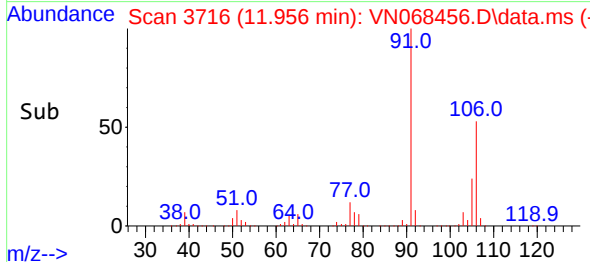
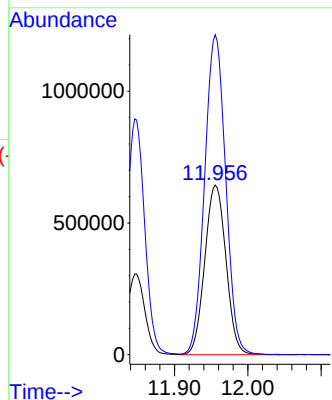
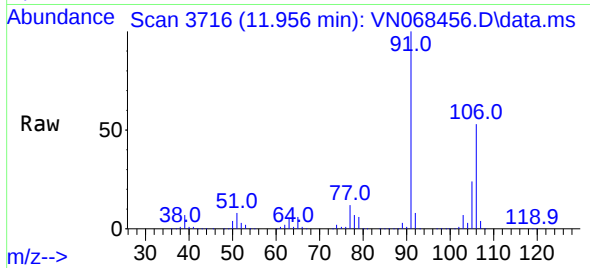
#67
m/p-Xylenes
Concen: 105.825 ug/l
RT: 11.956 min Scan# 3716
Delta R.T. -0.000 min
Lab File: VN068456.D
Acq: 13 Sep 2021 14:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tgt Ion:106 Resp: 1294200
Ion Ratio Lower Upper
106 100
91 186.5 152.7 229.1

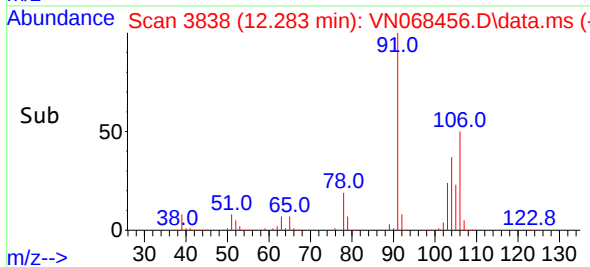
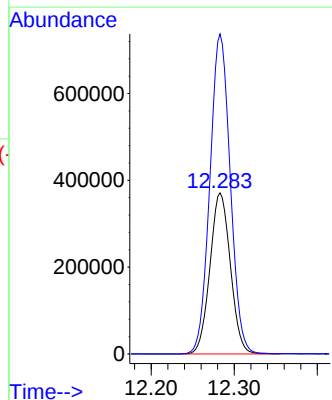
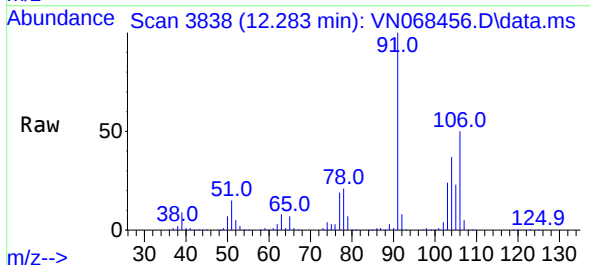
Manual Integrations
APPROVED

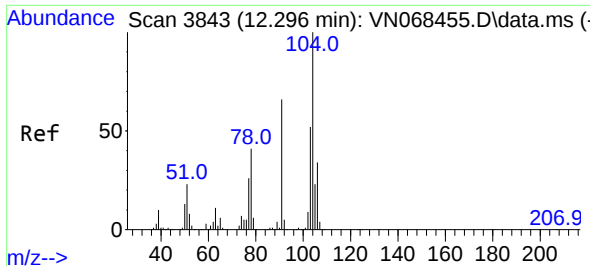
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021



#68
o-Xylene
Concen: 52.439 ug/l
RT: 12.283 min Scan# 3838
Delta R.T. -0.000 min
Lab File: VN068456.D
Acq: 13 Sep 2021 14:29

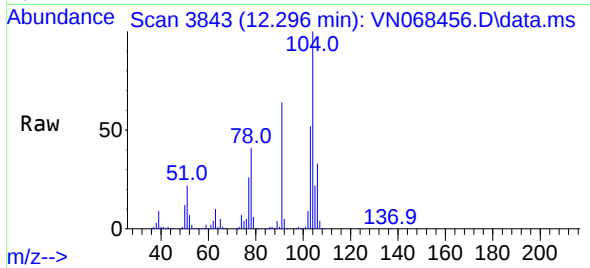
Tgt Ion:106 Resp: 633181
Ion Ratio Lower Upper
106 100
91 198.3 101.5 304.5





#69
Styrene
Concen: 52.776 ug/l
RT: 12.296 min Scan# 3843
Delta R.T. -0.000 min
Lab File: VN068456.D
Acq: 13 Sep 2021 14:29

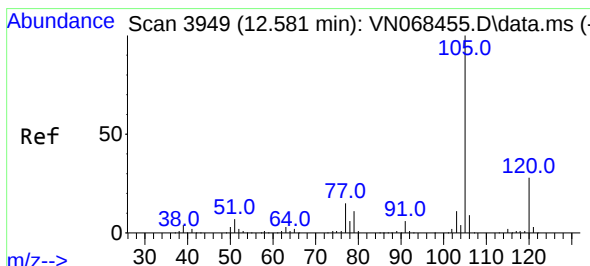
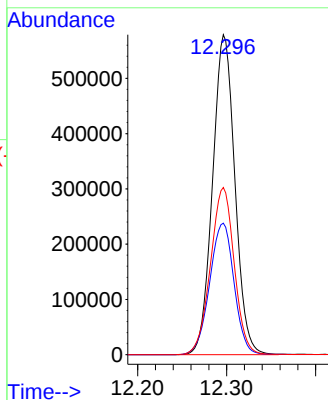
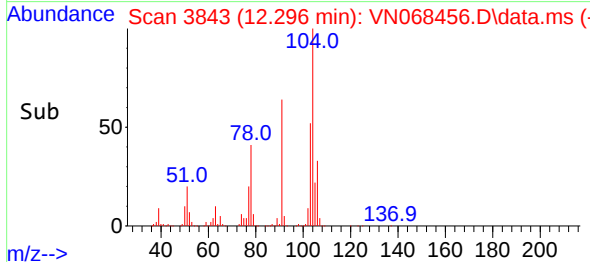
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



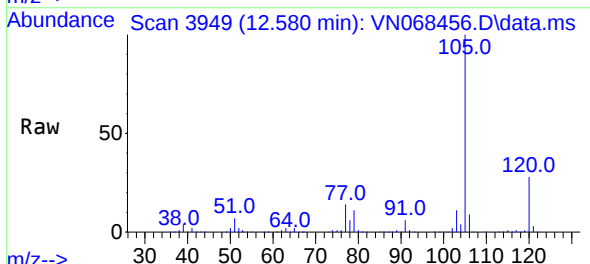
Tgt Ion:104 Resp: 101049
Ion Ratio Lower Upper
104 100
78 45.0 36.5 54.7
103 55.6 43.5 65.3

Manual Integrations
APPROVED

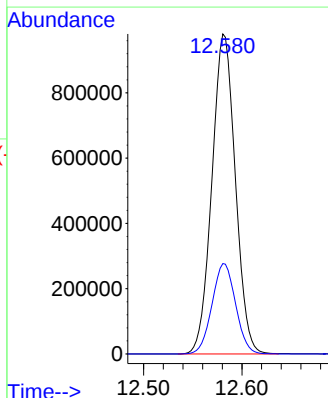
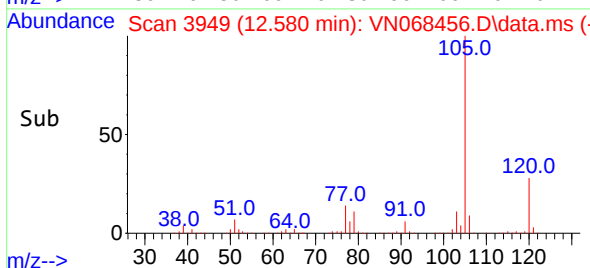
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021

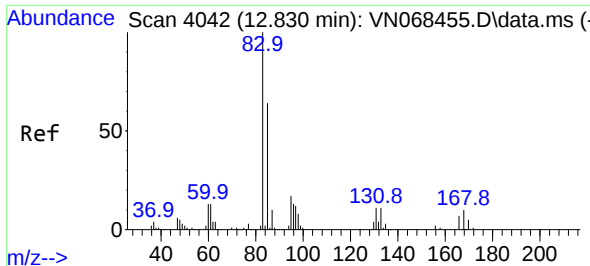


#70
Isopropylbenzene
Concen: 52.880 ug/l
RT: 12.580 min Scan# 3949
Delta R.T. -0.000 min
Lab File: VN068456.D
Acq: 13 Sep 2021 14:29



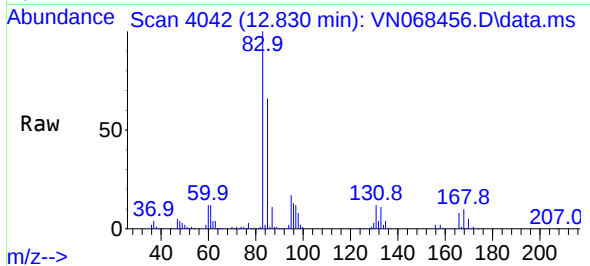
Tgt Ion:105 Resp: 1621184
Ion Ratio Lower Upper
105 100
120 28.5 19.7 36.5





#71
1,1,2,2-Tetrachloroethane
Concen: 51.245 ug/l
RT: 12.830 min Scan# 4042
Delta R.T. -0.000 min
Lab File: VN068456.D
Acq: 13 Sep 2021 14:29

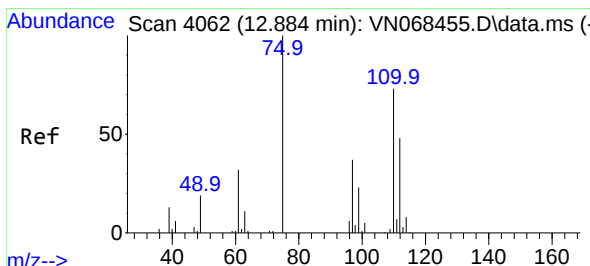
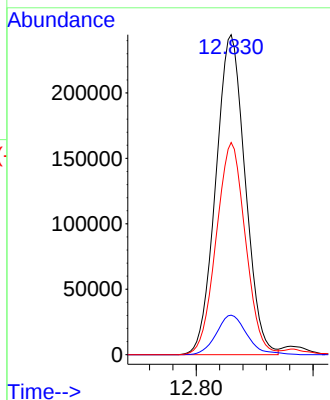
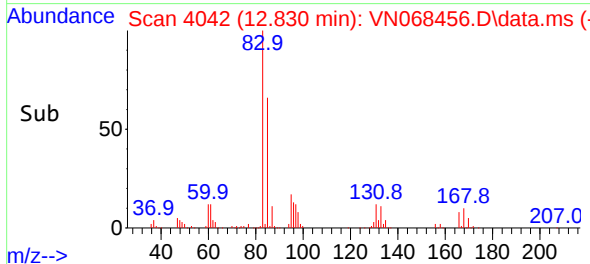
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



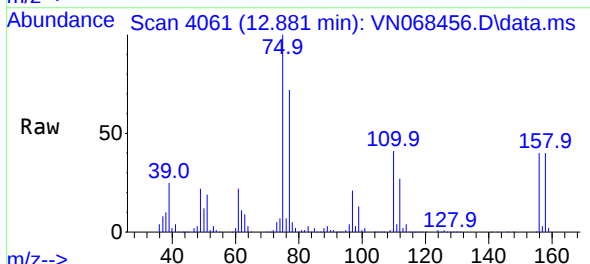
Tgt Ion: 83 Resp: 427648
Ion Ratio Lower Upper
83 100
131 12.8 5.9 17.7
85 65.9 31.9 95.9

Manual Integrations
APPROVED

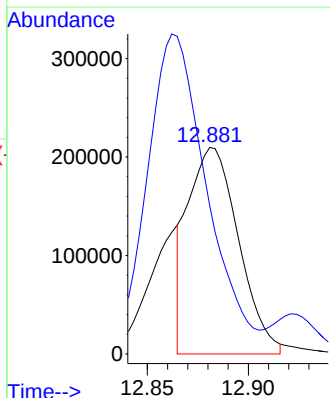
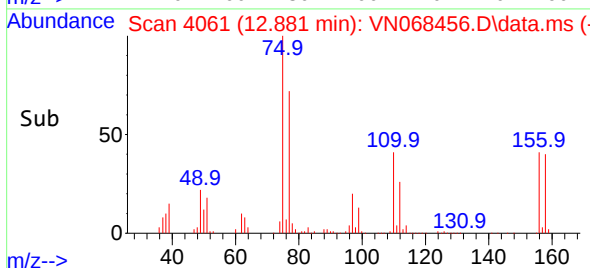
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021

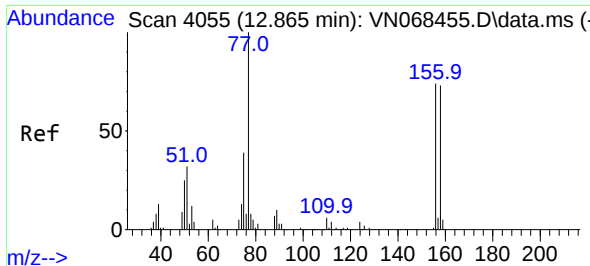


#72
1,2,3-Trichloropropane
Concen: 54.159 ug/l m
RT: 12.881 min Scan# 4061
Delta R.T. -0.003 min
Lab File: VN068456.D
Acq: 13 Sep 2021 14:29



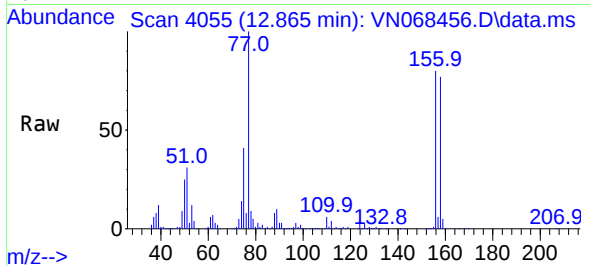
Tgt Ion: 75 Resp: 363364
Ion Ratio Lower Upper
75 100
77 183.8 0.0 357.6





#73
Bromobenzene
Concen: 52.615 ug/l
RT: 12.865 min Scan# 4055
Delta R.T. -0.000 min
Lab File: VN068456.D
Acq: 13 Sep 2021 14:29

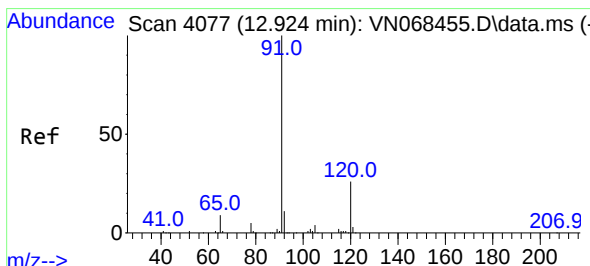
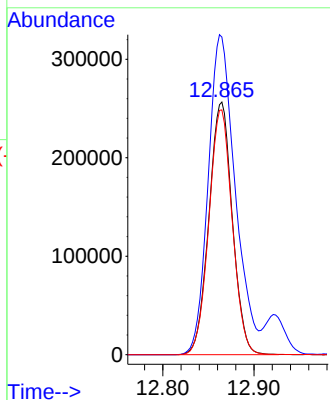
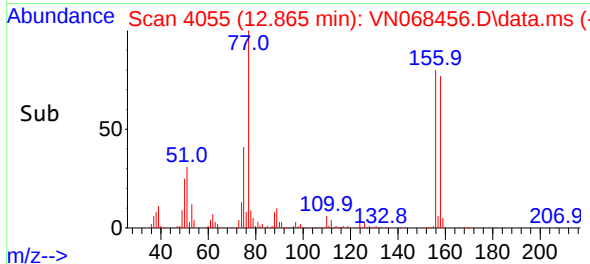
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



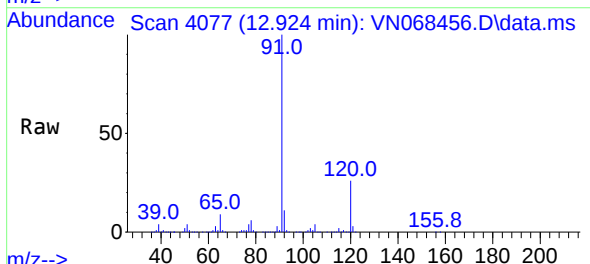
Tgt Ion:156 Resp: 457910
Ion Ratio Lower Upper
156 100
77 145.9 0.0 318.8
158 96.8 0.0 196.2

Manual Integrations
APPROVED

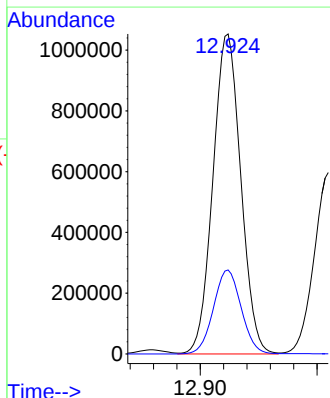
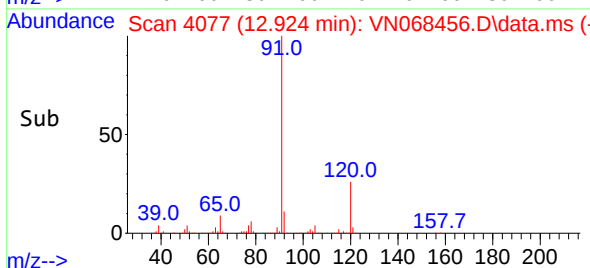
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021

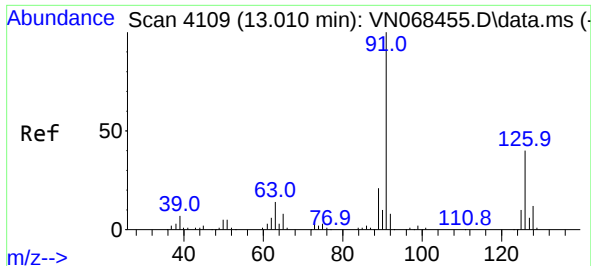


#74
n-propylbenzene
Concen: 52.663 ug/l
RT: 12.924 min Scan# 4077
Delta R.T. -0.000 min
Lab File: VN068456.D
Acq: 13 Sep 2021 14:29



Tgt Ion: 91 Resp: 1741173
Ion Ratio Lower Upper
91 100
120 26.1 0.0 51.6





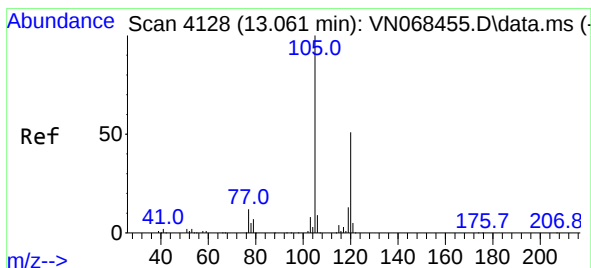
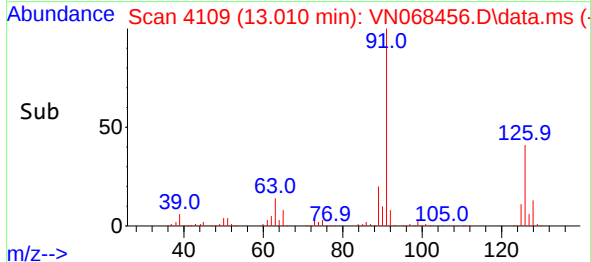
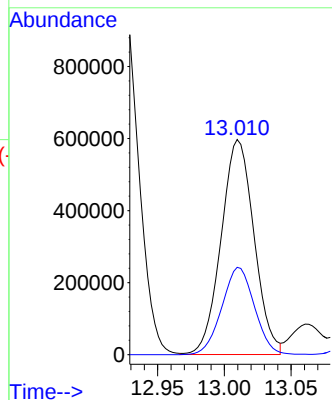
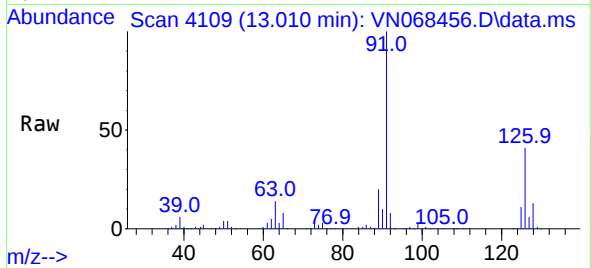
#75
2-Chlorotoluene
Concen: 51.573 ug/l
RT: 13.010 min Scan# 4109
Delta R.T. -0.000 min
Lab File: VN068456.D
Acq: 13 Sep 2021 14:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tgt Ion: 91 Resp: 102620
Ion Ratio Lower Upper
91 100
126 40.3 0.0 77.2

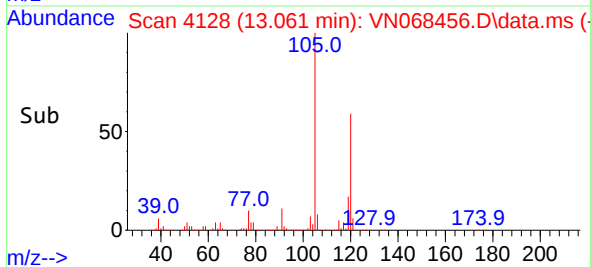
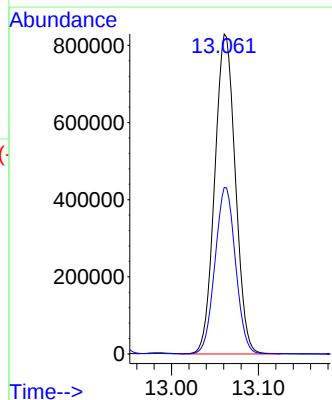
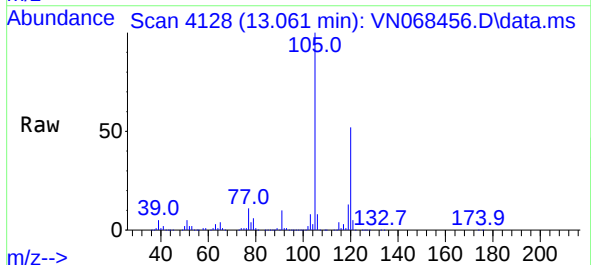
Manual Integrations
APPROVED

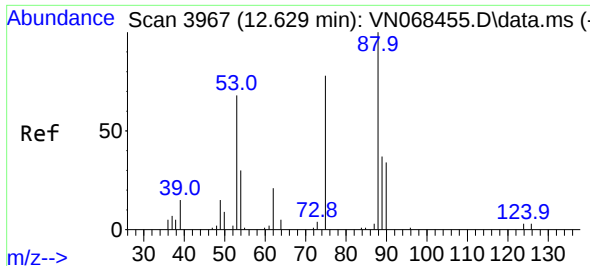
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021



#76
1,3,5-Trimethylbenzene
Concen: 53.382 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. -0.000 min
Lab File: VN068456.D
Acq: 13 Sep 2021 14:29

Tgt Ion:105 Resp: 1366392
Ion Ratio Lower Upper
105 100
120 51.7 0.0 103.4





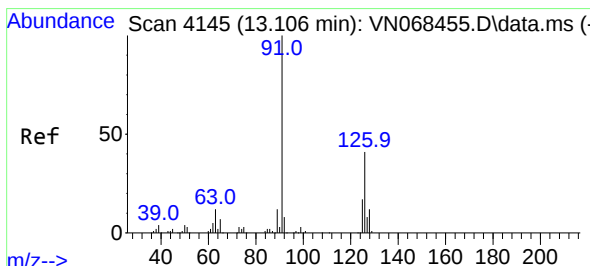
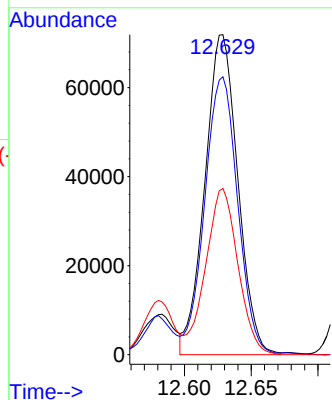
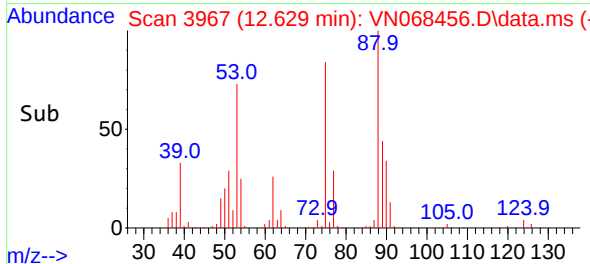
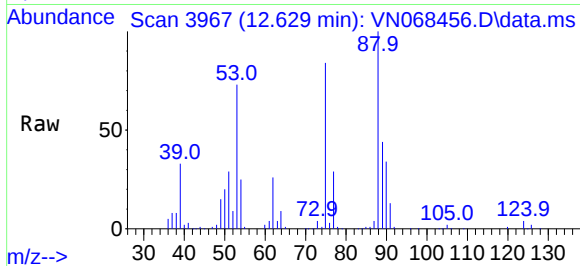
#77
t-1,4-Dichloro-2-butene
Concen: 53.809 ug/l
RT: 12.629 min Scan# 3967
Delta R.T. -0.000 min
Lab File: VN068456.D
Acq: 13 Sep 2021 14:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Tgt Ion: 75 Resp: 12335
Ion Ratio Lower Upper
75 100
53 86.9 43.8 131.4
89 52.3 26.2 78.6

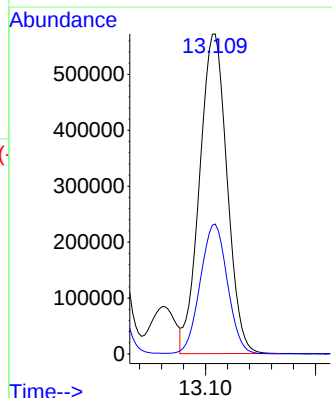
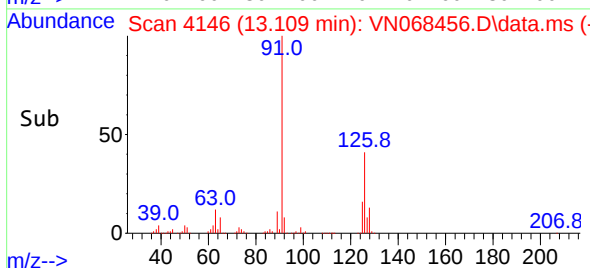
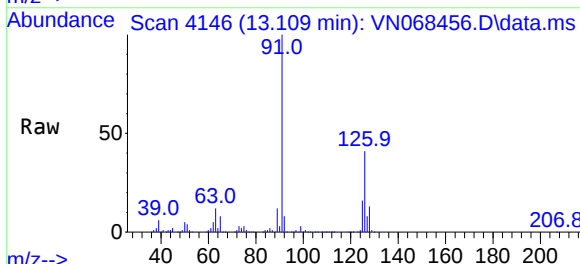
Manual Integrations
APPROVED

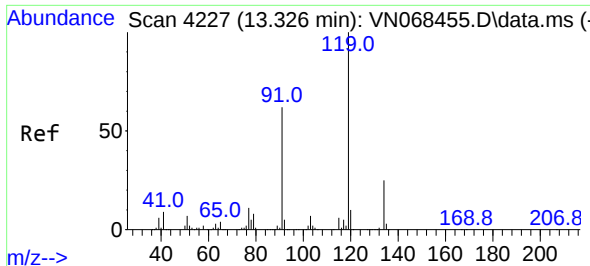
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021



#78
4-Chlorotoluene
Concen: 51.883 ug/l
RT: 13.109 min Scan# 4146
Delta R.T. 0.003 min
Lab File: VN068456.D
Acq: 13 Sep 2021 14:29

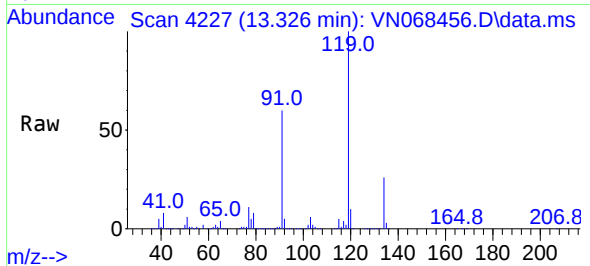
Tgt Ion: 91 Resp: 990749
Ion Ratio Lower Upper
91 100
126 40.2 0.0 77.8





#79
tert-butylbenzene
Concen: 52.964 ug/l
RT: 13.326 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN068456.D
Acq: 13 Sep 2021 14:29

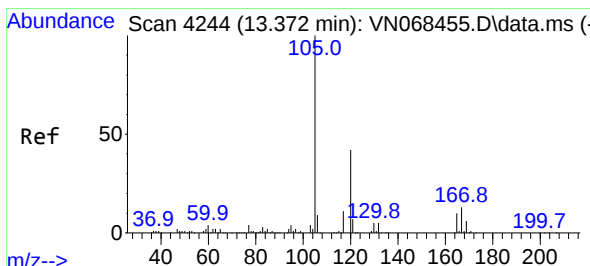
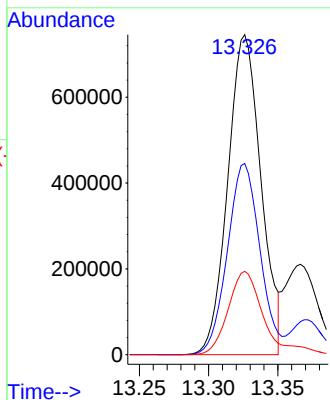
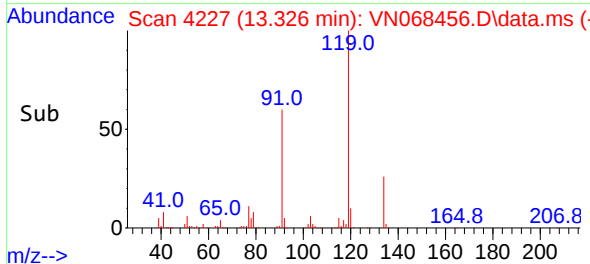
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



Tgt Ion:119 Resp: 1245494
Ion Ratio Lower Upper
119 100
91 58.8 0.0 120.0
134 27.9 0.0 54.0

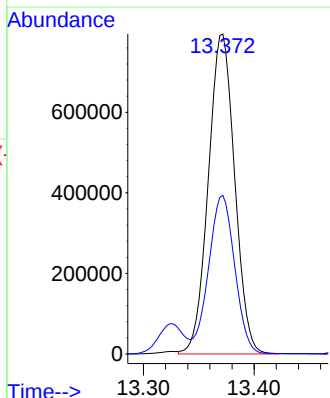
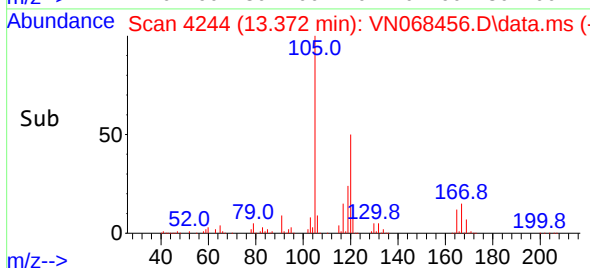
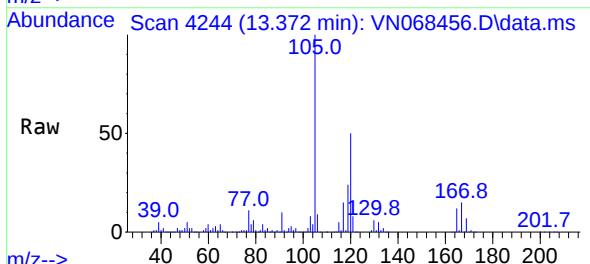
Manual Integrations
APPROVED

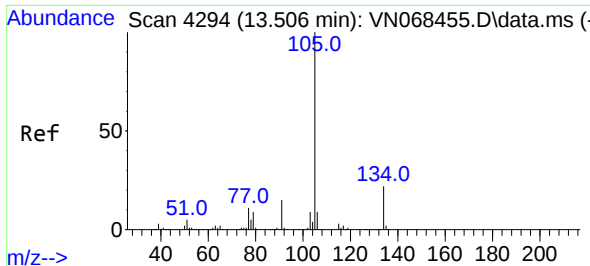
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021



#80
1,2,4-Trimethylbenzene
Concen: 43.948 ug/l m
RT: 13.372 min Scan# 4244
Delta R.T. -0.000 min
Lab File: VN068456.D
Acq: 13 Sep 2021 14:29

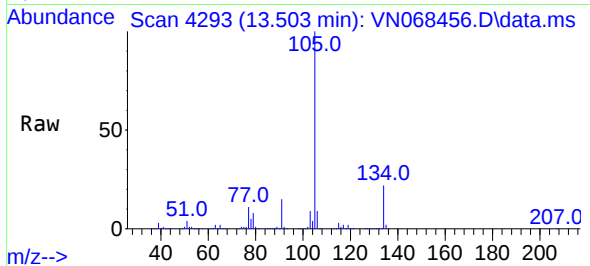
Tgt Ion:105 Resp: 1314507
Ion Ratio Lower Upper
105 100
120 0.2 0.0 0.4





#81
 sec-Butylbenzene
 Concen: 53.045 ug/l
 RT: 13.503 min Scan# 4293
 Delta R.T. -0.003 min
 Lab File: VN068456.D
 Acq: 13 Sep 2021 14:29

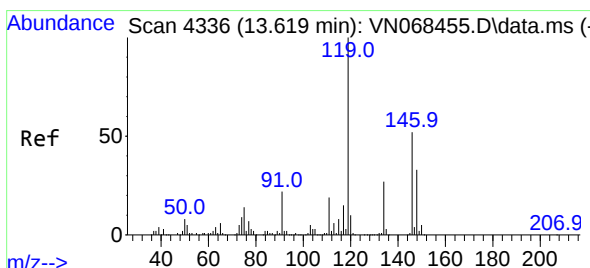
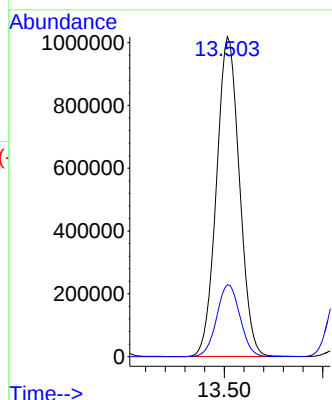
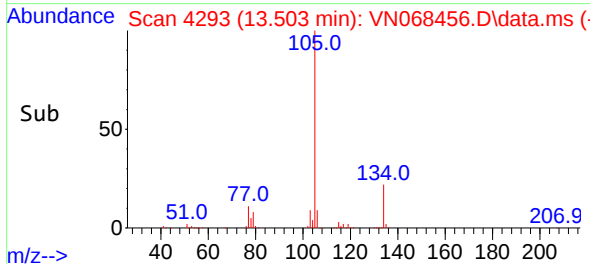
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050



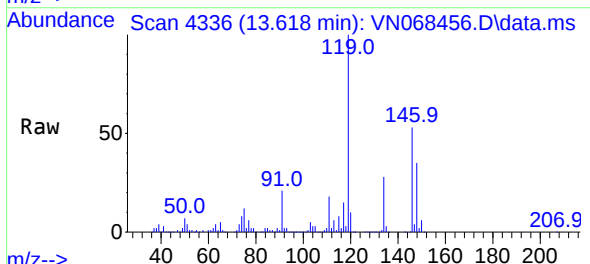
Tgt Ion:105 Resp: 164882
 Ion Ratio Lower Upper
 105 100
 134 22.9 0.0 43.8

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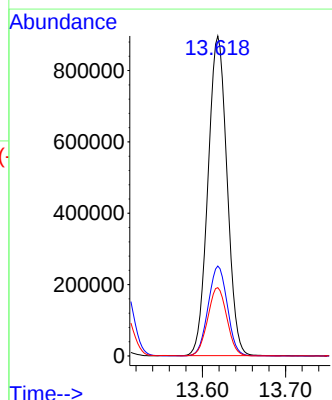
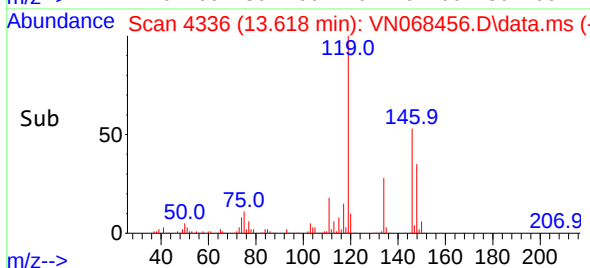
Reviewed By :John Carlone 09/14/2021
 Supervised By :Mahesh Dadoda 09/14/2021

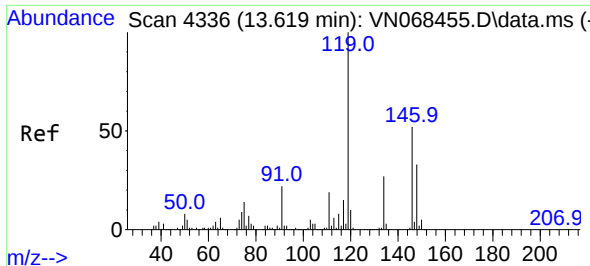


#82
 p-Isopropyltoluene
 Concen: 53.449 ug/l
 RT: 13.618 min Scan# 4336
 Delta R.T. -0.000 min
 Lab File: VN068456.D
 Acq: 13 Sep 2021 14:29



Tgt Ion:119 Resp: 1425028
 Ion Ratio Lower Upper
 119 100
 134 28.2 0.0 55.4
 91 21.4 0.0 44.4





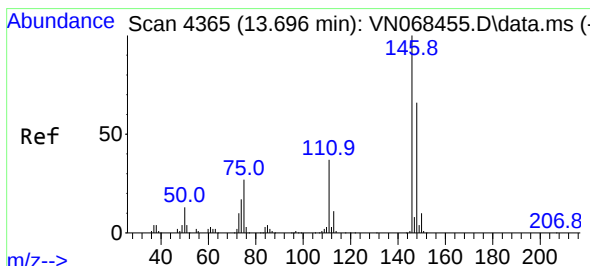
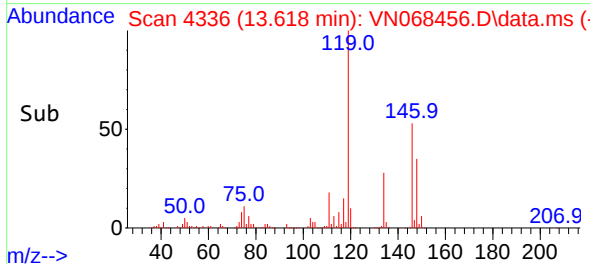
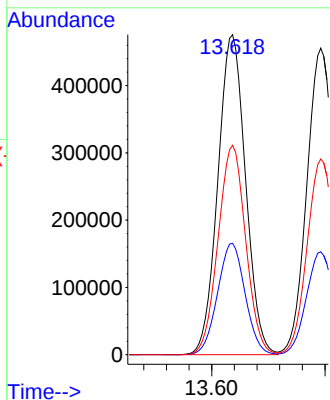
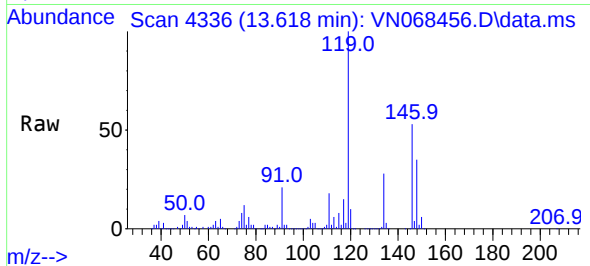
#83
1,3-Dichlorobenzene
Concen: 53.366 ug/l
RT: 13.618 min Scan# 4336
Delta R.T. -0.000 min
Lab File: VN068456.D
Acq: 13 Sep 2021 14:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tgt Ion:146 Resp: 807300
Ion Ratio Lower Upper
146 100
111 34.7 18.4 55.2
148 65.3 32.0 96.0

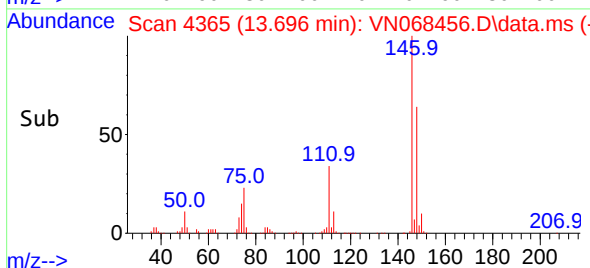
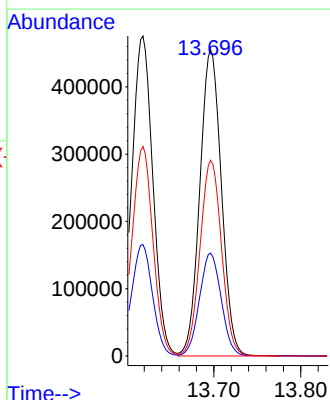
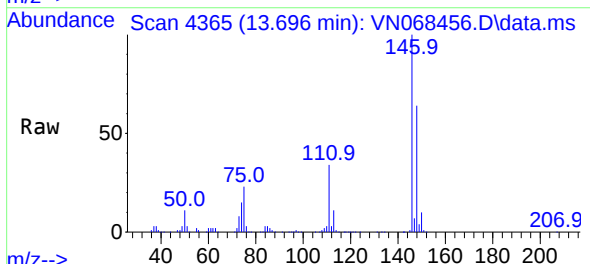
Manual Integrations
APPROVED

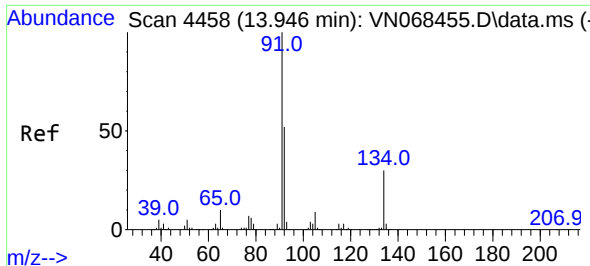
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021



#84
1,4-Dichlorobenzene
Concen: 54.089 ug/l
RT: 13.696 min Scan# 4365
Delta R.T. -0.000 min
Lab File: VN068456.D
Acq: 13 Sep 2021 14:29

Tgt Ion:146 Resp: 783844
Ion Ratio Lower Upper
146 100
111 33.8 18.2 54.6
148 63.8 32.6 97.7





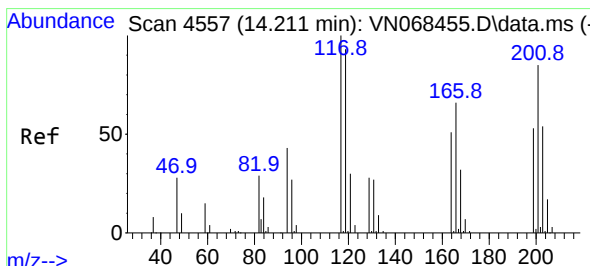
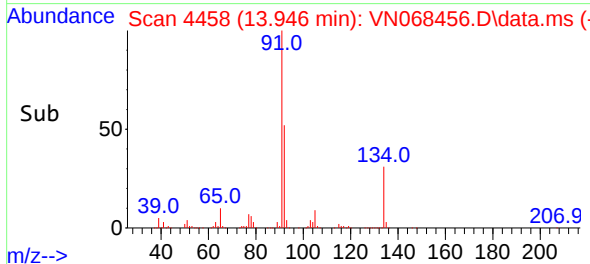
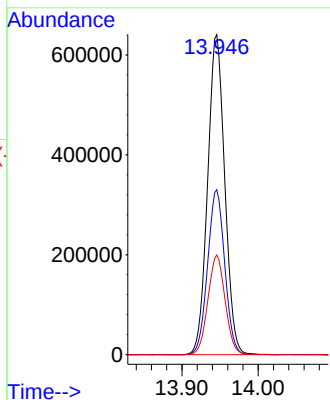
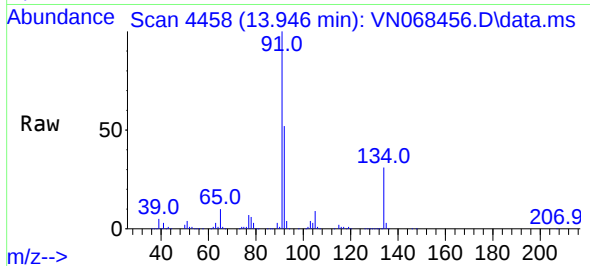
#85
n-Butylbenzene
Concen: 52.587 ug/l
RT: 13.946 min Scan# 4458
Delta R.T. -0.000 min
Lab File: VN068456.D
Acq: 13 Sep 2021 14:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tgt Ion: 91 Resp: 99724
Ion Ratio Lower Upper
91 100
92 51.7 0.0 102.4
134 31.3 0.0 58.8

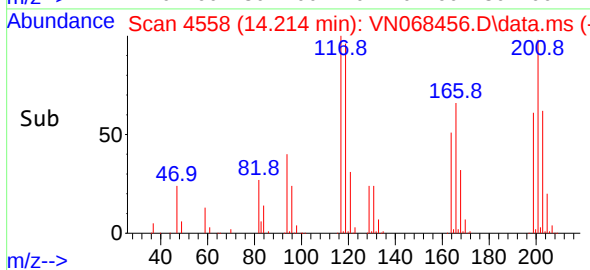
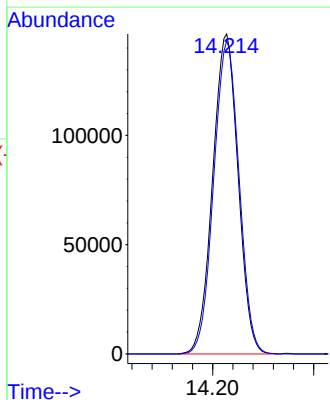
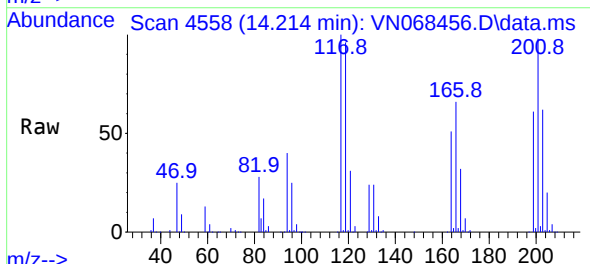
Manual Integrations
APPROVED

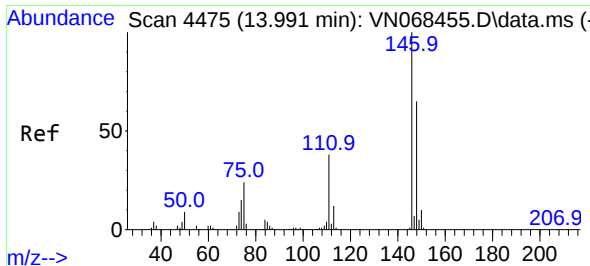
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021



#86
Hexachloroethane
Concen: 52.137 ug/l
RT: 14.214 min Scan# 4558
Delta R.T. 0.003 min
Lab File: VN068456.D
Acq: 13 Sep 2021 14:29

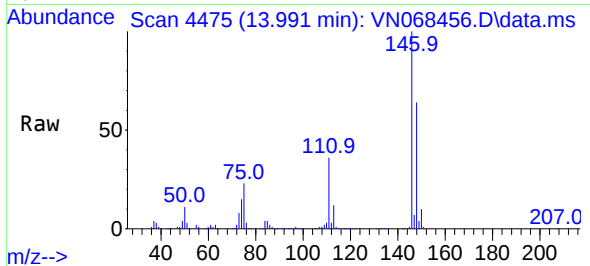
Tgt Ion:117 Resp: 255331
Ion Ratio Lower Upper
117 100
201 97.6 43.6 130.8





#87
1,2-Dichlorobenzene
Concen: 54.261 ug/l
RT: 13.991 min Scan# 4475
Delta R.T. -0.000 min
Lab File: VN068456.D
Acq: 13 Sep 2021 14:29

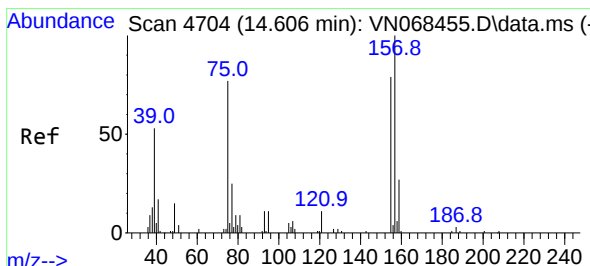
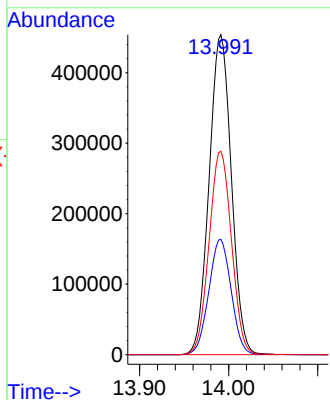
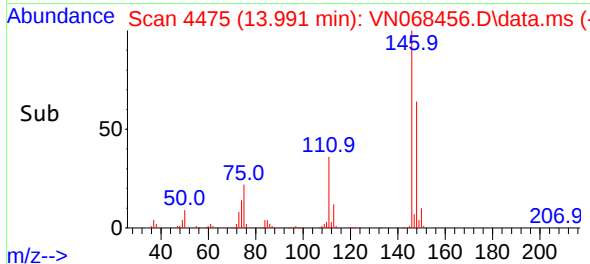
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



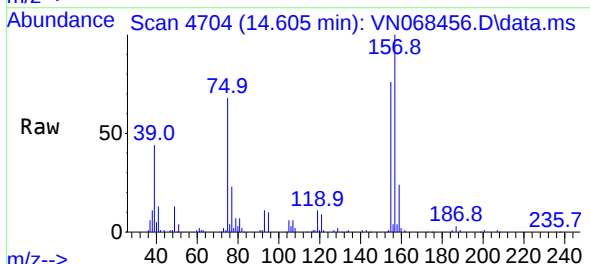
Tgt Ion:146 Resp: 788784
Ion Ratio Lower Upper
146 100
111 36.2 18.6 56.0
148 64.2 31.9 95.5

Manual Integrations
APPROVED

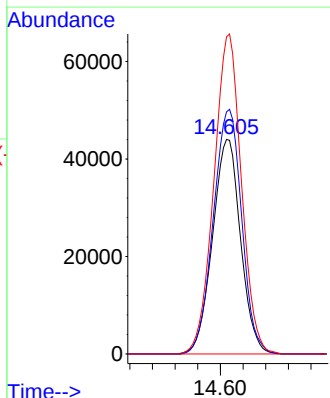
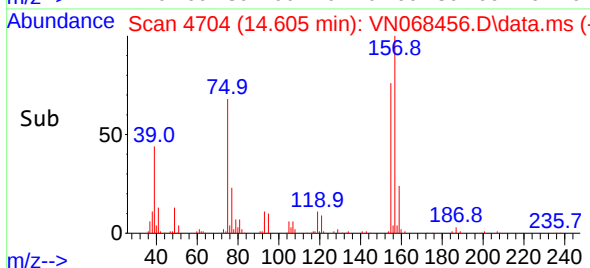
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021

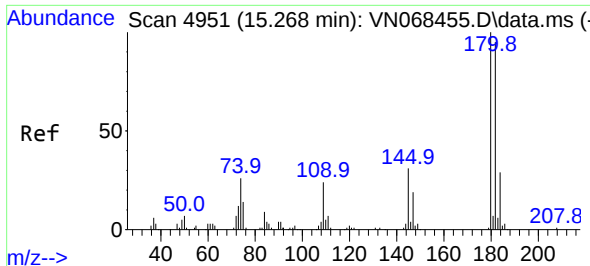


#88
1,2-Dibromo-3-Chloropropane
Concen: 53.635 ug/l
RT: 14.605 min Scan# 4704
Delta R.T. -0.000 min
Lab File: VN068456.D
Acq: 13 Sep 2021 14:29



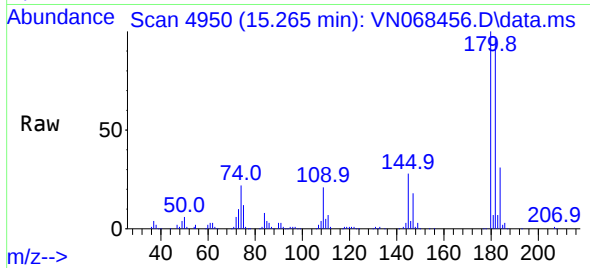
Tgt Ion: 75 Resp: 75686
Ion Ratio Lower Upper
75 100
155 115.2 83.3 124.9
157 146.1 104.9 157.3





#89
1,2,4-Trichlorobenzene
Concen: 54.744 ug/l
RT: 15.265 min Scan# 4950
Delta R.T. -0.003 min
Lab File: VN068456.D
Acq: 13 Sep 2021 14:29

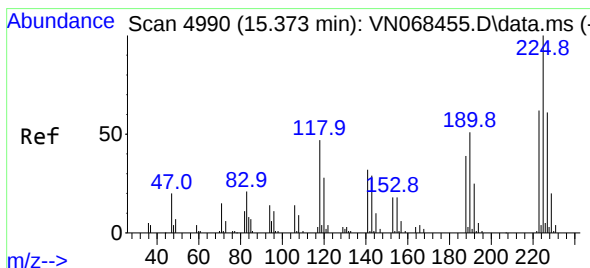
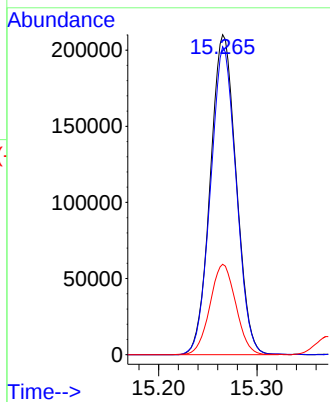
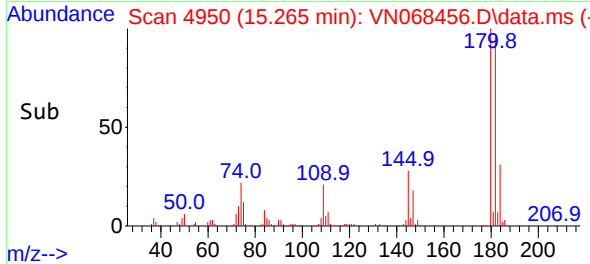
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



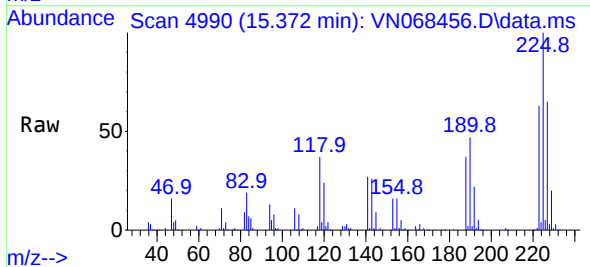
Tgt Ion:180 Resp: 384502
Ion Ratio Lower Upper
180 100
182 95.3 77.0 115.4
145 28.3 24.6 36.8

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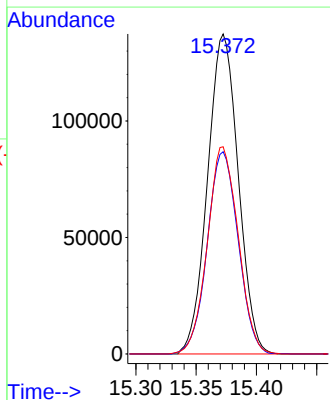
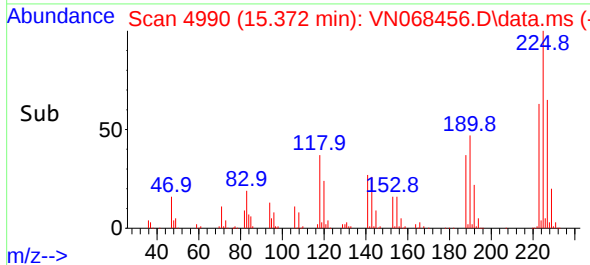
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021

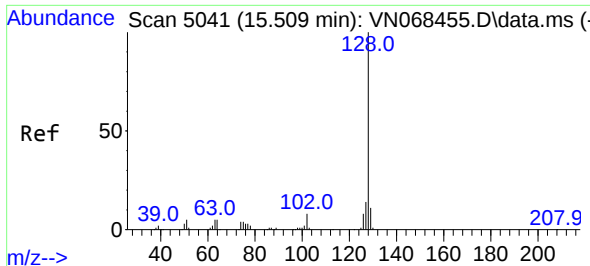


#90
Hexachlorobutadiene
Concen: 54.795 ug/l
RT: 15.372 min Scan# 4990
Delta R.T. -0.000 min
Lab File: VN068456.D
Acq: 13 Sep 2021 14:29



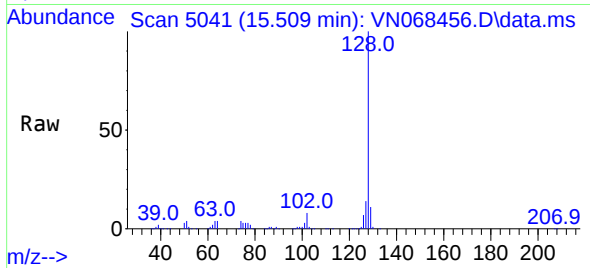
Tgt Ion:225 Resp: 243408
Ion Ratio Lower Upper
225 100
223 63.6 0.0 128.4
227 65.0 0.0 127.8





#91
Naphthalene
Concen: 54.201 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. -0.000 min
Lab File: VN068456.D
Acq: 13 Sep 2021 14:29

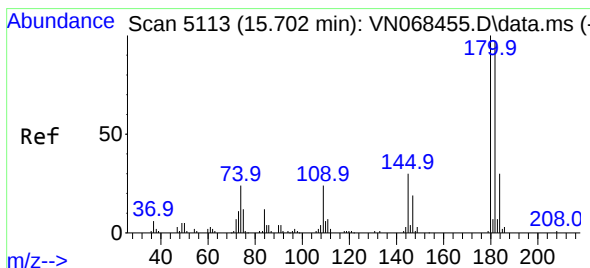
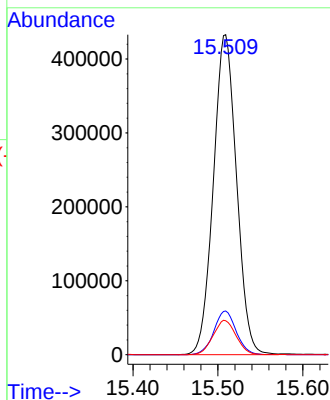
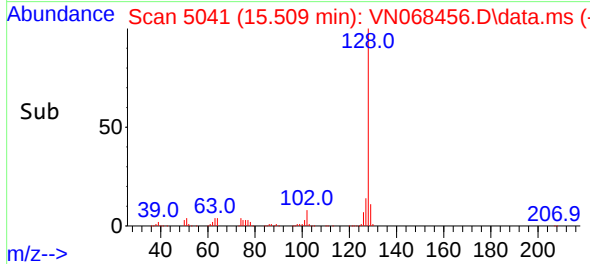
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



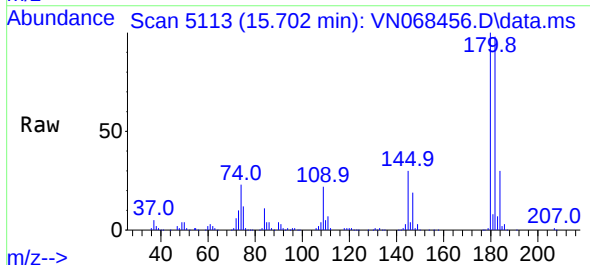
Tgt Ion:128 Resp: 821227
Ion Ratio Lower Upper
128 100
127 13.2 10.6 15.8
129 10.7 8.8 13.2

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: 54.261 ug/l
RT: 15.702 min Scan# 5113
Delta R.T. -0.000 min
Lab File: VN068456.D
Acq: 13 Sep 2021 14:29



Tgt Ion:180 Resp: 358907
Ion Ratio Lower Upper
180 100
182 96.5 0.0 191.2
145 29.5 0.0 61.8

