

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091321\
 Data File : VN068458.D
 Acq On : 13 Sep 2021 15:20
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC150

Quant Time: Sep 14 04:11:58 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	127840	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.968	114	637120	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.747	117	618885	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.440	65	203153	26.908	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	89.700%	#	
60) 4-Bromofluorobenzene	12.734	95	269422	30.543	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	101.800%		
63) Toluene-d8	10.443	98	763859	28.371	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	94.567%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.070	85	891270	153.065	ug/l	99
3) Chloromethane	2.298	50	768167	136.376	ug/l	99
4) Vinyl Chloride	2.440	62	1170552	131.121	ug/l	100
5) Bromomethane	2.818	94	1024654	115.553	ug/l	98
6) Chloroethane	2.987	64	793050	124.462	ug/l	99
7) Trichlorofluoromethane	3.357	101	1567872	142.477	ug/l	100
8) Diethyl Ether	3.821	74	511383	147.336	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.205	101	885836	141.325	ug/l	96
10) 1,1-Dichloroethene	4.178	96	857124	147.130	ug/l	94
11) Methyl Iodide	4.420	142	1569941	173.559	ug/l	98
12) Methyl Acetate	4.851	43	832225	137.246	ug/l	94
13) Acrolein	4.041	56	348495	715.103	ug/l	100
14) Acrylonitrile	5.554	53	1896252	722.134	ug/l	99
15) Acetone	4.285	58	494926	691.612	ug/l	96
16) Carbon Disulfide	4.529	76	2201920	146.456	ug/l	98
17) Allyl chloride	4.838	41	1054001	144.894	ug/l	96
18) Methylene Chloride	5.093	84	945744	135.615	ug/l	95
19) trans-1,2-Dichloroethene	5.597	96	952275	145.695	ug/l	99
20) Diisopropyl ether	6.495	45	2188277	135.619	ug/l	94
21) 1,1-Dichloroethane	6.388	63	1463961	136.515	ug/l	97
22) cis-1,2-Dichloroethene	7.327	96	1137096	144.948	ug/l	94
23) tert-Butyl Alcohol	5.372	59	738511	695.950	ug/l #	100
24) Methyl tert-Butyl Ether	5.616	73	2868304	144.593	ug/l	97
25) Chloroform	7.820	83	1747792	136.184	ug/l	100
26) Cyclohexane	8.096	56	1260252	139.003	ug/l #	96
29) 1,1-Dichloropropene	8.225	75	1243578	145.681	ug/l	96
30) 2-Butanone	7.335	43	2338298	717.693	ug/l #	95
31) 2,2-Dichloropropane	7.327	77	1413753	143.914	ug/l	96
32) 1,1,1-Trichloroethane	8.016	97	1711364	147.631	ug/l	98
33) Carbon Tetrachloride	8.206	117	1616132	149.150	ug/l	98
34) Benzene	8.461	78	3779680	145.198	ug/l #	94
35) Methacrylonitrile	7.638	41	439945	140.013	ug/l	94
36) 1,2-Dichloroethane	8.531	62	1217036	138.862	ug/l	98
37) Trichloroethene	9.218	130	1260546	150.661	ug/l	93
38) Methylcyclohexane	9.462	83	1664812	151.724	ug/l	97
39) 1,2-Dichloropropane	9.491	63	882441	144.035	ug/l	98
40) Dibromomethane	9.580	93	729170	144.859	ug/l	88
41) Bromodichloromethane	9.765	83	1436334	147.650	ug/l	97
42) Vinyl Acetate	6.434	43	8786677	750.639	ug/l	96

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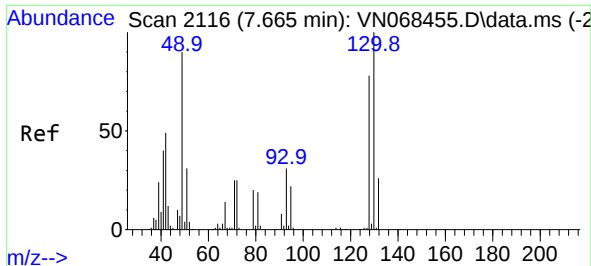
Manual Integrations
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 Supervised By : Mahesh Dadoda 09/14/2021

Quant Time: Sep 14 04:11:58 2021
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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.413	43	970890	137.352	ug/l #	78
44) Isopropyl Acetate	8.560	43	1705839	145.296	ug/l	98
45) 1,4-Dioxane	9.569	88	365052	3069.085	ug/l	93
46) Methyl methacrylate	9.561	41	716581	150.607	ug/l	96
47) n-amyl Acetate	12.390	43	1373059	166.231	ug/l	96
48) t-1,3-Dichloropropene	10.719	75	1521919	154.515	ug/l	100
49) cis-1,3-Dichloropropene	10.191	75	1600523	151.194	ug/l	96
50) 1,1,2-Trichloroethane	10.902	97	1070710	147.190	ug/l	98
51) Ethyl methacrylate	10.765	69	1465715	156.930	ug/l	99
52) 1,3-Dichloropropane	11.047	76	1569230	145.061	ug/l	100
53) Dibromochloromethane	11.240	129	1409058	157.525	ug/l	100
54) 1,2-Dibromoethane	11.347	107	1184148	151.785	ug/l	99
55) 2-Chloroethyl vinyl ether	10.044	63	1421484	898.993	ug/l	97
56) Bromoform	12.460	173	1234467	171.817	ug/l #	100
58) 4-Methyl-2-Pentanone	10.333	43	5199069	713.635	ug/l	96
59) 2-Hexanone	11.087	43	3658895	724.652	ug/l	97
61) Tetrachloroethene	10.980	164	1285530	144.465	ug/l	96
62) Toluene	10.508	91	4611194	141.566	ug/l	99
64) Chlorobenzene	11.773	112	3167201	147.427	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.843	131	1299692	148.238	ug/l	100
66) Ethyl Benzene	11.846	91	5244979	148.162	ug/l	99
67) m/p-Xylenes	11.956	106	4388362	300.736	ug/l	97
68) o-Xylene	12.283	106	2181701	151.432	ug/l	97
69) Styrene	12.296	104	3575077	156.491	ug/l	98
70) Isopropylbenzene	12.581	105	5549742	151.715	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.830	83	1444929	145.115	ug/l	99
72) 1,2,3-Trichloropropane	12.884	75	1206088m	150.663	ug/l	
73) Bromobenzene	12.862	156	1634210	157.375	ug/l	91
74) n-propylbenzene	12.924	91	5993069	151.919	ug/l	98
75) 2-Chlorotoluene	13.010	91	3528949	148.639	ug/l	98
76) 1,3,5-Trimethylbenzene	13.061	105	4635424	151.777	ug/l	99
77) t-1,4-Dichloro-2-butene	12.629	75	439190	160.566	ug/l	96
78) 4-Chlorotoluene	13.106	91	3488505	153.109	ug/l	98
79) tert-butylbenzene	13.326	119	4364640	155.557	ug/l	98
80) 1,2,4-Trimethylbenzene	13.369	105	4537811m	127.150	ug/l	
81) sec-Butylbenzene	13.503	105	5778540	155.807	ug/l	98
82) p-Isopropyltoluene	13.619	119	5121839	161.007	ug/l	99
83) 1,3-Dichlorobenzene	13.616	146	2831639	156.879	ug/l	99
84) 1,4-Dichlorobenzene	13.696	146	2742982	158.636	ug/l	98
85) n-Butylbenzene	13.943	91	3777425	166.943	ug/l	98
86) Hexachloroethane	14.211	117	939734	160.821	ug/l	82
87) 1,2-Dichlorobenzene	13.991	146	2669401	153.901	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.606	75	256129	152.122	ug/l	82
89) 1,2,4-Trichlorobenzene	15.265	180	1507164	179.845	ug/l	98
90) Hexachlorobutadiene	15.373	225	835729	157.678	ug/l	99
91) Naphthalene	15.507	128	3318334	183.553	ug/l	100
92) 1,2,3-Trichlorobenzene	15.703	180	1382710	175.199	ug/l	99

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



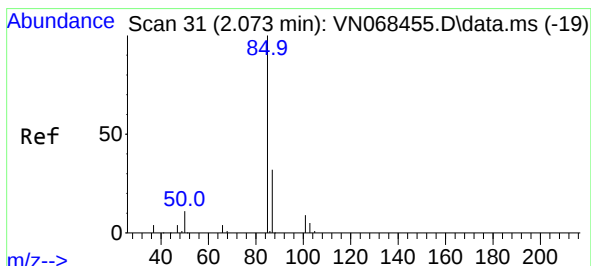
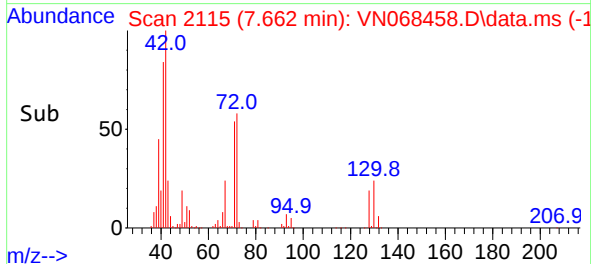
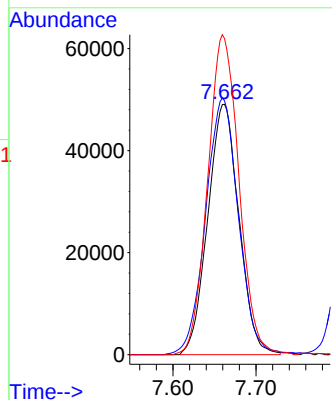
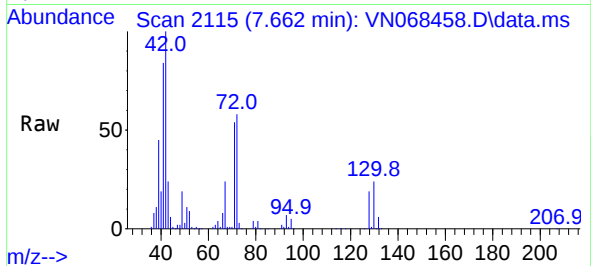
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.662 min Scan# 21
Delta R.T. -0.003 min
Lab File: VN068458.D
Acq: 13 Sep 2021 15:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion:128 Resp: 127840
Ion Ratio Lower Upper
128 100
49 107.7 0.0 292.5
130 128.2 0.0 325.0

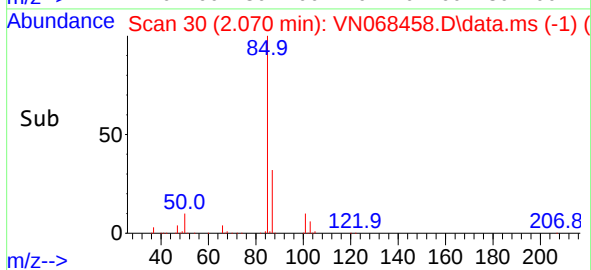
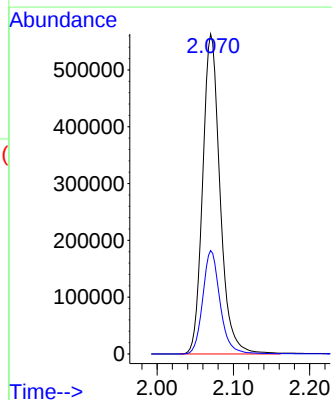
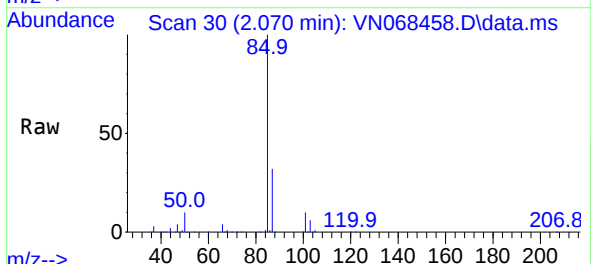
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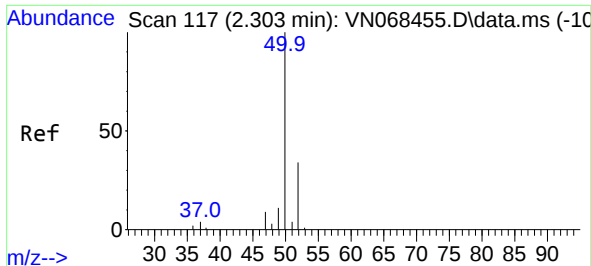
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021



#2
Dichlorodifluoromethane
Concen: 153.065 ug/l
RT: 2.070 min Scan# 30
Delta R.T. -0.003 min
Lab File: VN068458.D
Acq: 13 Sep 2021 15:20

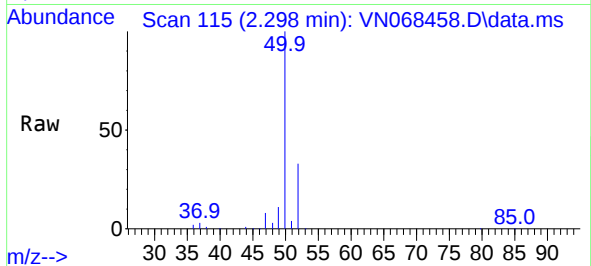
Tgt Ion: 85 Resp: 891270
Ion Ratio Lower Upper
85 100
87 32.3 15.8 47.3





#3
Chloromethane
Concen: 136.376 ug/l
RT: 2.298 min Scan# 117
Delta R.T. -0.005 min
Lab File: VN068458.D
Acq: 13 Sep 2021 15:20

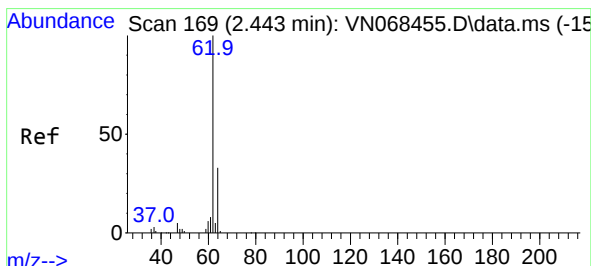
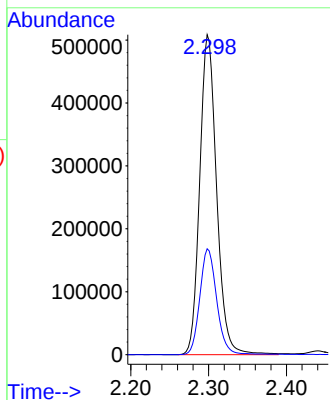
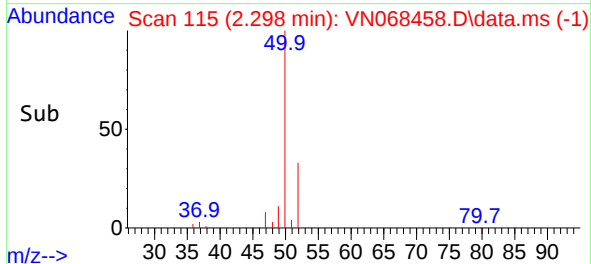
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



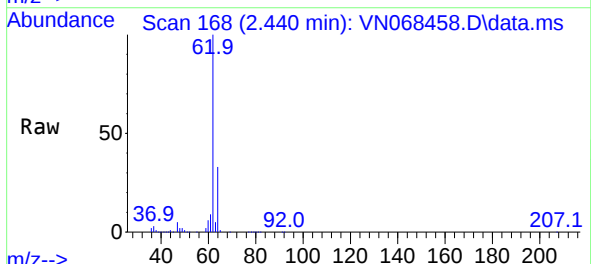
Tgt Ion: 50 Resp: 76816
Ion Ratio Lower Upper
50 100
52 33.1 27.0 40.4

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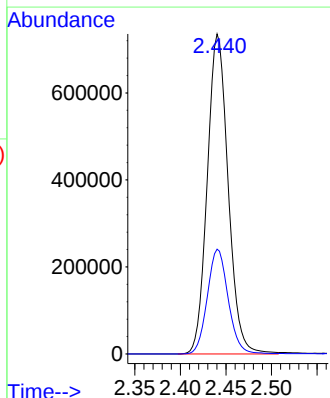
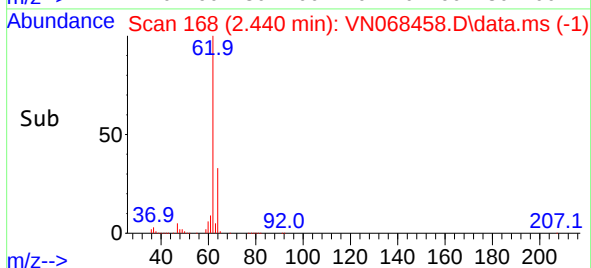
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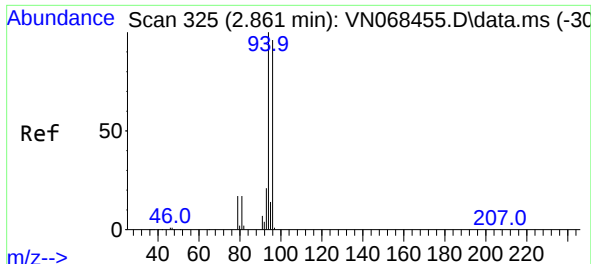


#4
Vinyl Chloride
Concen: 131.121 ug/l
RT: 2.440 min Scan# 168
Delta R.T. -0.003 min
Lab File: VN068458.D
Acq: 13 Sep 2021 15:20



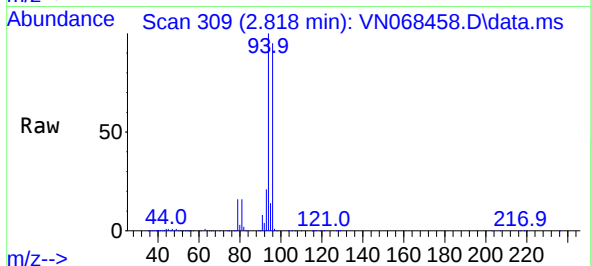
Tgt Ion: 62 Resp: 1170552
Ion Ratio Lower Upper
62 100
64 32.8 26.1 39.1





#5
Bromomethane
Concen: 115.553 ug/l
RT: 2.818 min Scan# 309
Delta R.T. -0.043 min
Lab File: VN068458.D
Acq: 13 Sep 2021 15:20

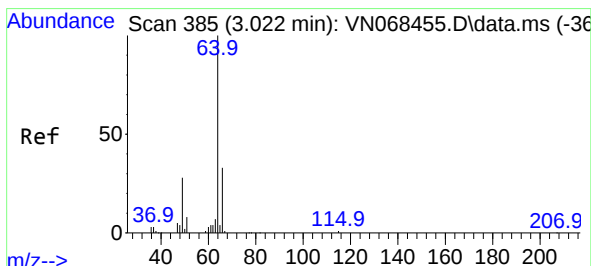
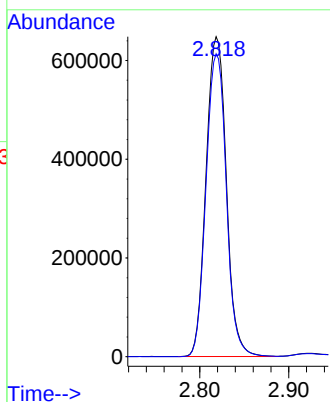
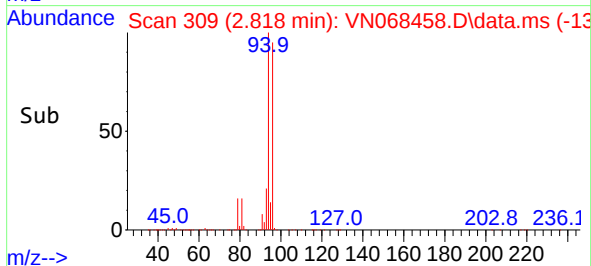
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



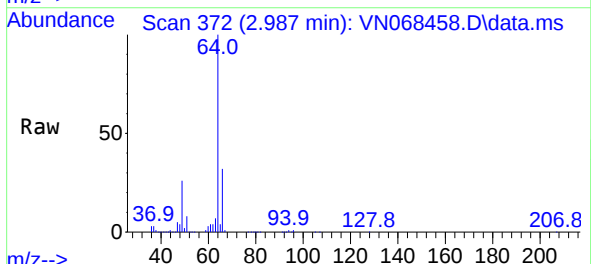
Tgt Ion: 94 Resp: 1024654
Ion Ratio Lower Upper
94 100
96 94.7 77.0 115.4

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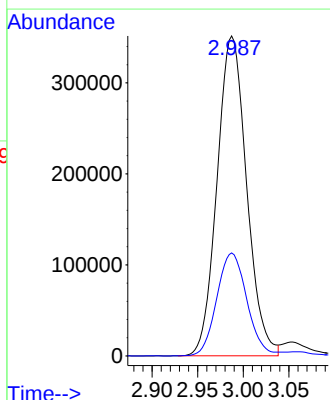
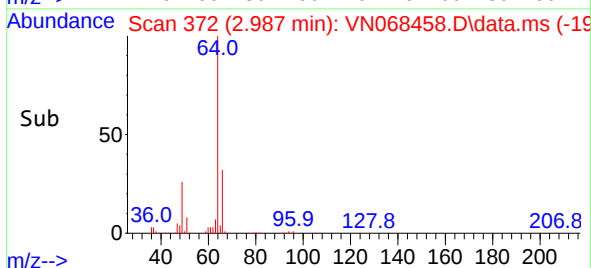
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Supervised By :Mahesh Dadoda 09/14/2021

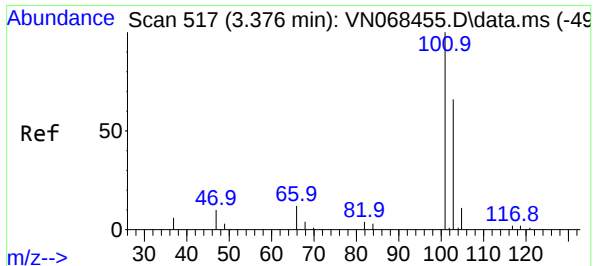


#6
Chloroethane
Concen: 124.462 ug/l
RT: 2.987 min Scan# 372
Delta R.T. -0.035 min
Lab File: VN068458.D
Acq: 13 Sep 2021 15:20



Tgt Ion: 64 Resp: 793050
Ion Ratio Lower Upper
64 100
66 32.2 26.3 39.5





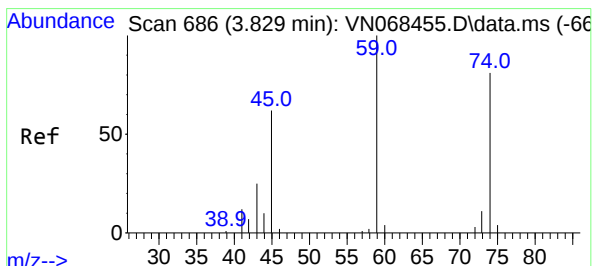
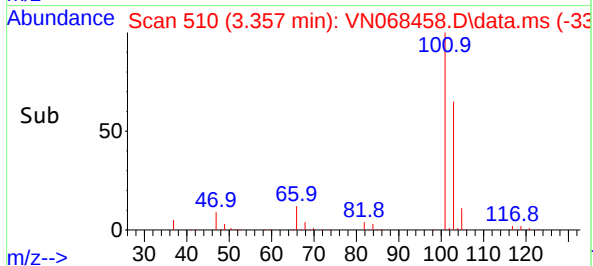
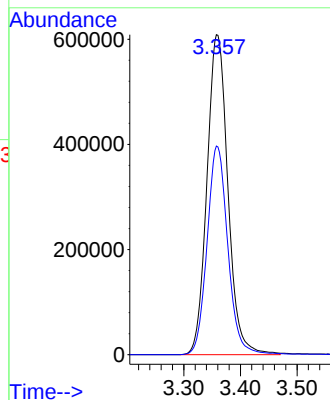
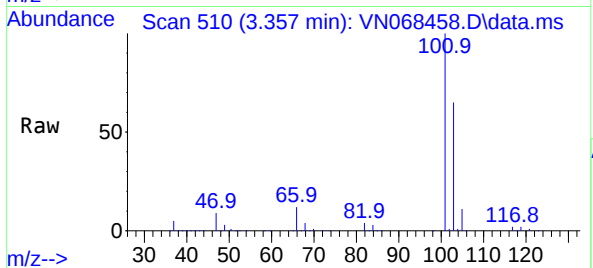
#7
Trichlorofluoromethane
Concen: 142.477 ug/l
RT: 3.357 min Scan# 510
Delta R.T. -0.019 min
Lab File: VN068458.D
Acq: 13 Sep 2021 15:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Tgt Ion:101 Resp: 1567872
Ion Ratio Lower Upper
101 100
103 65.2 52.4 78.6

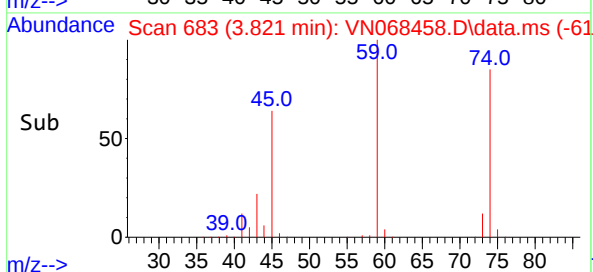
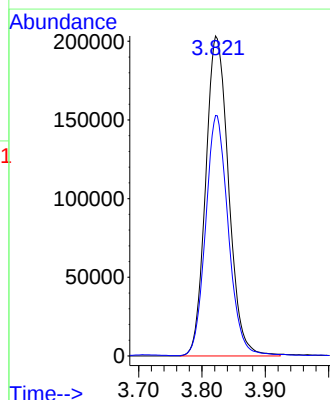
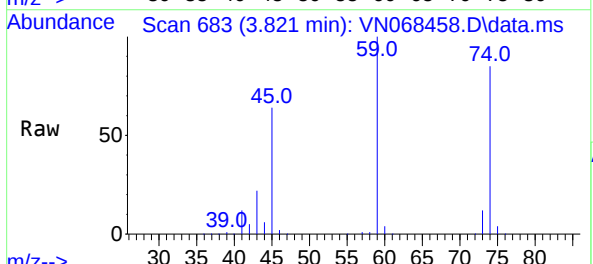
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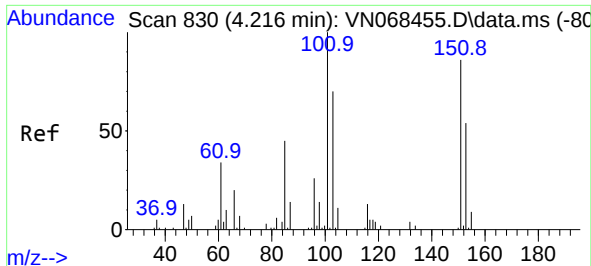
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021



#8
Diethyl Ether
Concen: 147.336 ug/l
RT: 3.821 min Scan# 683
Delta R.T. -0.008 min
Lab File: VN068458.D
Acq: 13 Sep 2021 15:20

Tgt Ion: 74 Resp: 511383
Ion Ratio Lower Upper
74 100
45 74.3 16.2 146.0





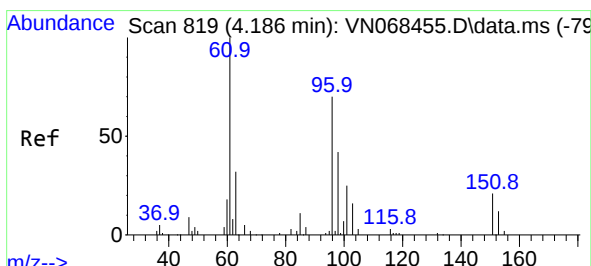
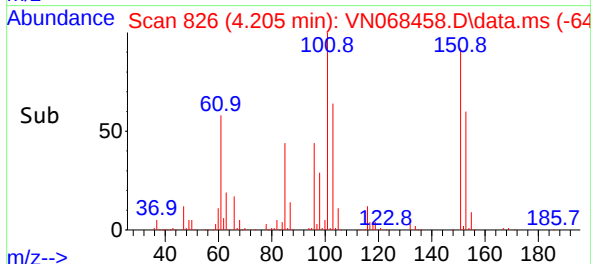
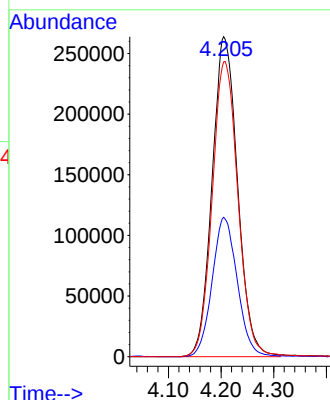
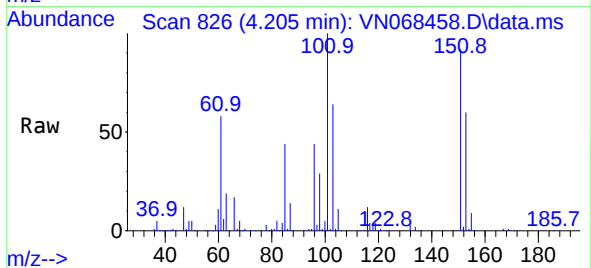
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1,1,2-Trichlorotrifluoroethane
Concen: 141.325 ug/l
RT: 4.205 min Scan# 816
Delta R.T. -0.011 min
Lab File: VN068458.D
Acq: 13 Sep 2021 15:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion:101 Resp: 885830
Ion Ratio Lower Upper
101 100
85 43.0 0.0 89.2
151 93.3 0.0 176.4

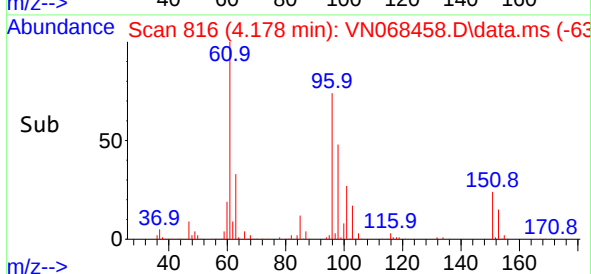
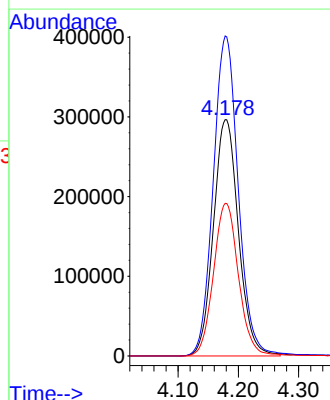
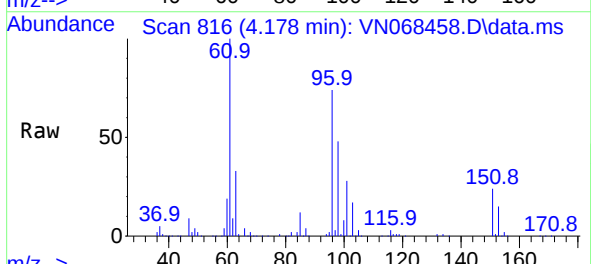
Manual Integrations
APPROVED

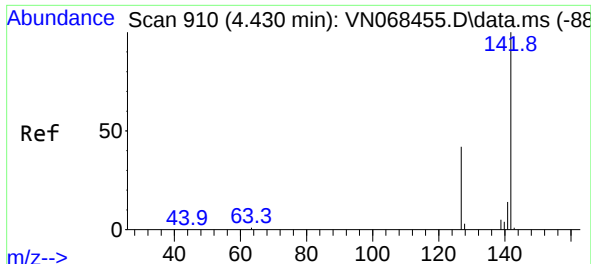
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021



#10
1,1-Dichloroethene
Concen: 147.130 ug/l
RT: 4.178 min Scan# 816
Delta R.T. -0.008 min
Lab File: VN068458.D
Acq: 13 Sep 2021 15:20

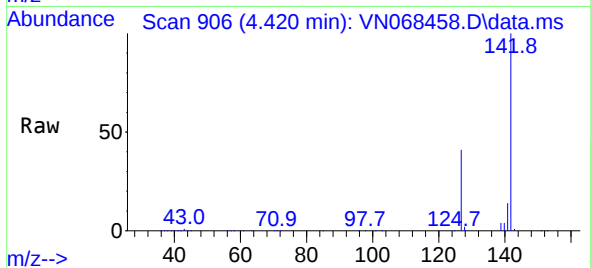
Tgt Ion: 96 Resp: 857124
Ion Ratio Lower Upper
96 100
61 135.4 114.1 171.1
98 64.6 48.3 72.5





#11
Methyl Iodide
Concen: 173.559 ug/l
RT: 4.420 min Scan# 906
Delta R.T. -0.011 min
Lab File: VN068458.D
Acq: 13 Sep 2021 15:20

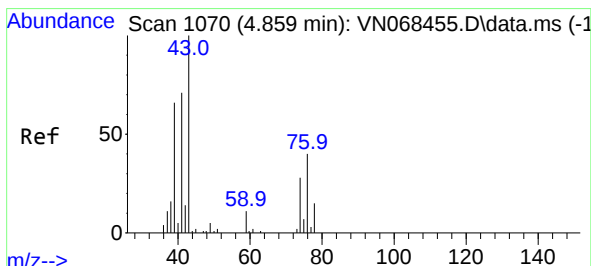
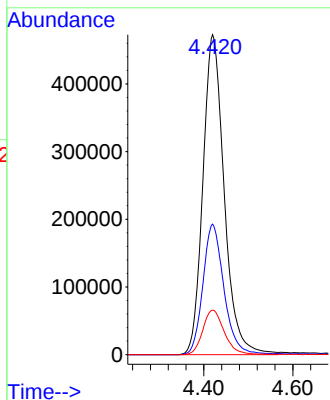
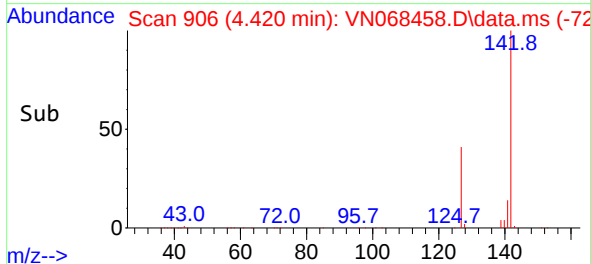
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



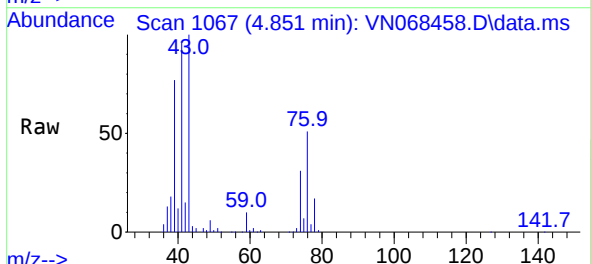
Tgt Ion:142 Resp: 156994
Ion Ratio Lower Upper
142 100
127 40.8 20.9 62.8
141 13.9 6.8 20.3

Manual Integrations
APPROVED

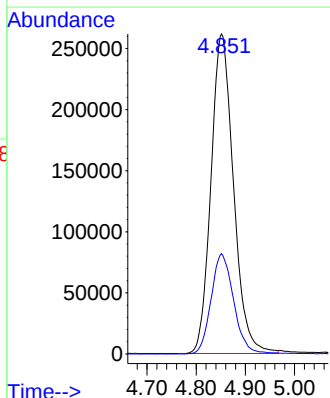
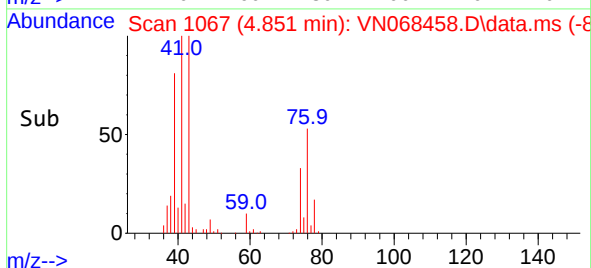
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021

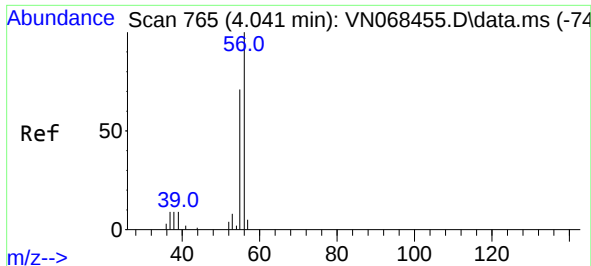


#12
Methyl Acetate
Concen: 137.246 ug/l
RT: 4.851 min Scan# 1067
Delta R.T. -0.008 min
Lab File: VN068458.D
Acq: 13 Sep 2021 15:20



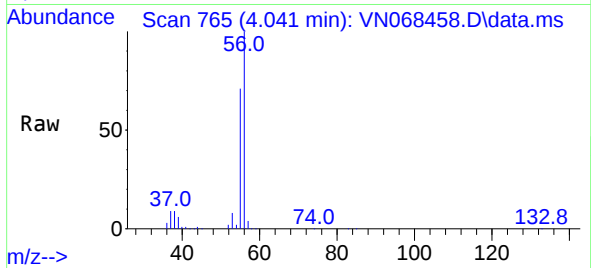
Tgt Ion: 43 Resp: 832225
Ion Ratio Lower Upper
43 100
74 31.4 22.6 34.0





#13
Acrolein
Concen: 715.103 ug/l
RT: 4.041 min Scan# 765
Delta R.T. 0.000 min
Lab File: VN068458.D
Acq: 13 Sep 2021 15:20

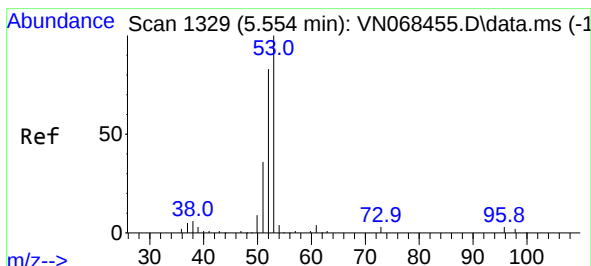
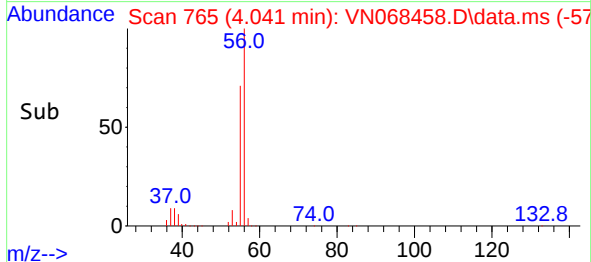
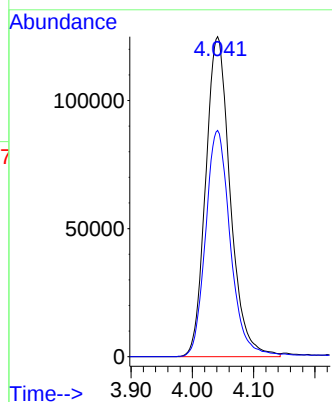
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



Tgt Ion: 56 Resp: 348495
Ion Ratio Lower Upper
56 100
55 71.2 57.2 85.8

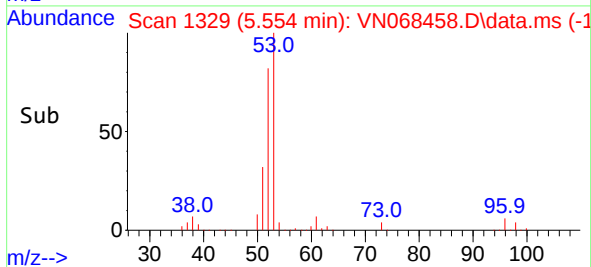
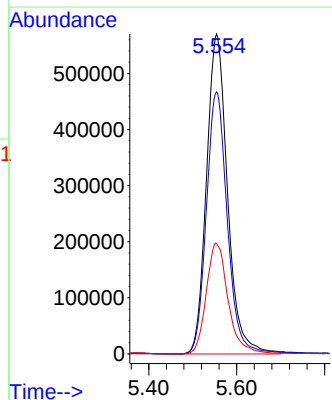
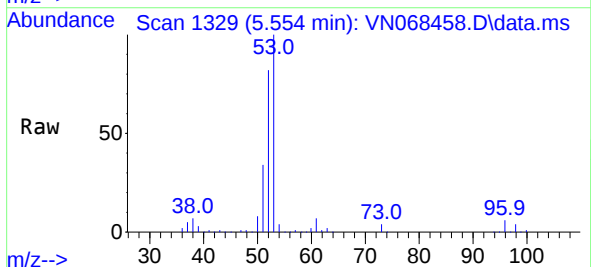
Manual Integrations
APPROVED

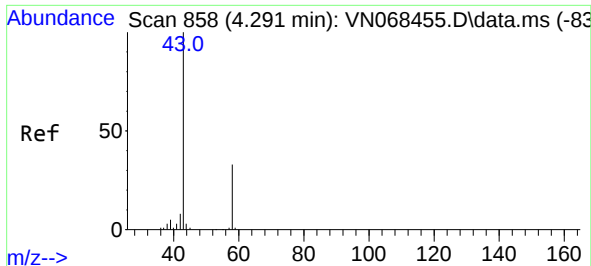
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021



#14
Acrylonitrile
Concen: 722.134 ug/l
RT: 5.554 min Scan# 1329
Delta R.T. 0.000 min
Lab File: VN068458.D
Acq: 13 Sep 2021 15:20

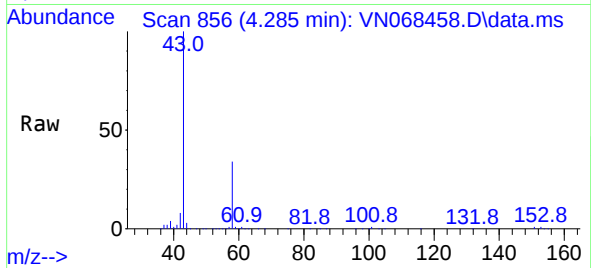
Tgt Ion: 53 Resp: 1896252
Ion Ratio Lower Upper
53 100
52 81.3 41.5 124.5
51 36.0 17.9 53.7





#15
Acetone
Concen: 691.612 ug/l
RT: 4.285 min Scan# 858
Delta R.T. -0.005 min
Lab File: VN068458.D
Acq: 13 Sep 2021 15:20

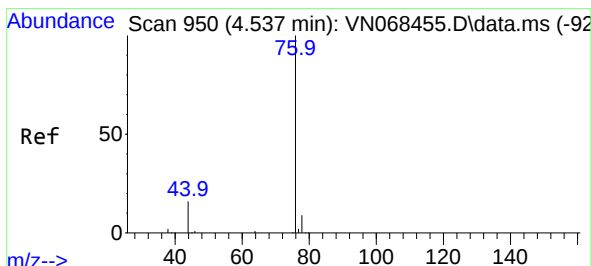
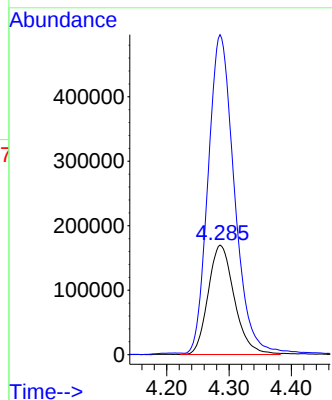
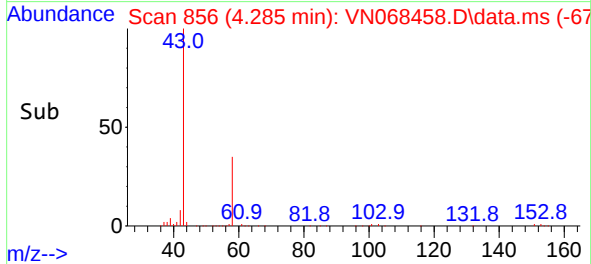
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



Tgt Ion: 58 Resp: 494920
Ion Ratio Lower Upper
58 100
43 291.3 239.9 359.9

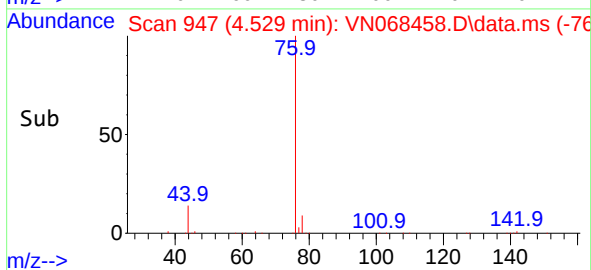
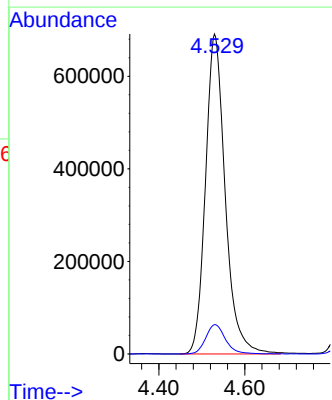
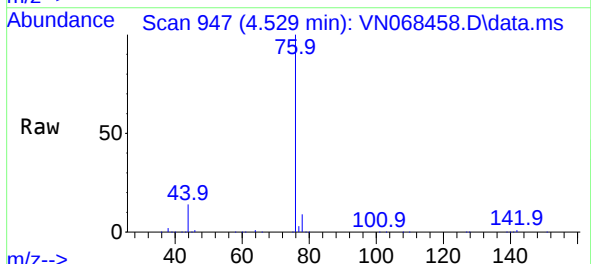
Manual Integrations
APPROVED

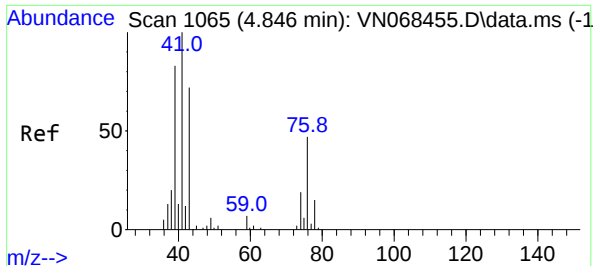
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021



#16
Carbon Disulfide
Concen: 146.456 ug/l
RT: 4.529 min Scan# 947
Delta R.T. -0.008 min
Lab File: VN068458.D
Acq: 13 Sep 2021 15:20

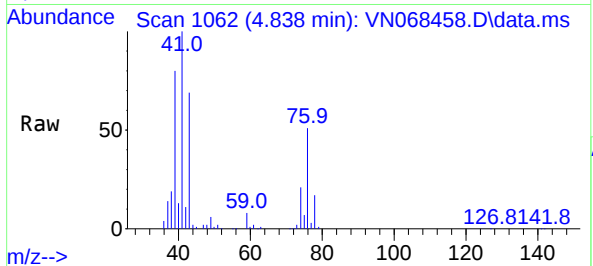
Tgt Ion: 76 Resp: 2201920
Ion Ratio Lower Upper
76 100
78 9.2 6.9 10.3





#17
Allyl chloride
Concen: 144.894 ug/l
RT: 4.838 min Scan# 1062
Delta R.T. -0.008 min
Lab File: VN068458.D
Acq: 13 Sep 2021 15:20

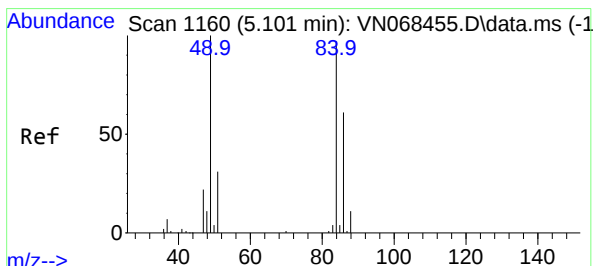
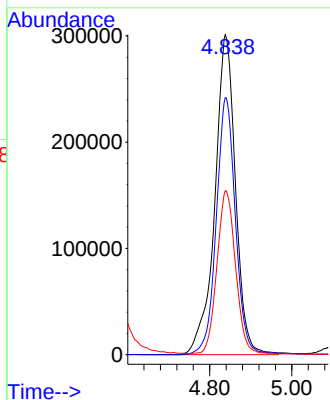
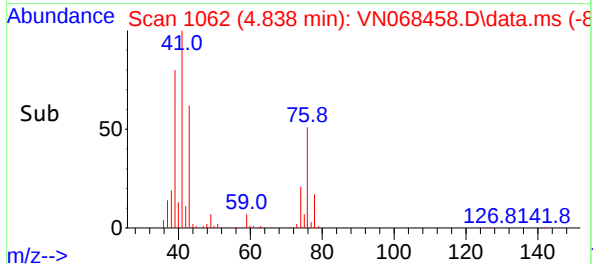
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



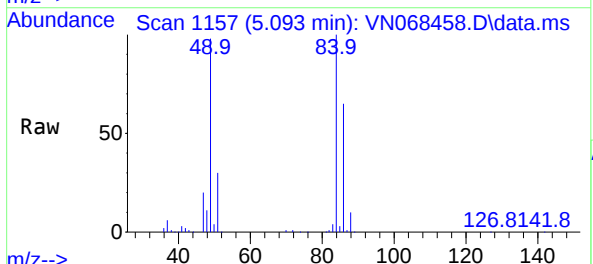
Tgt Ion: 41 Resp: 105400
Ion Ratio Lower Upper
41 100
39 80.3 41.5 124.5
76 51.0 23.6 71.0

Manual Integrations
APPROVED

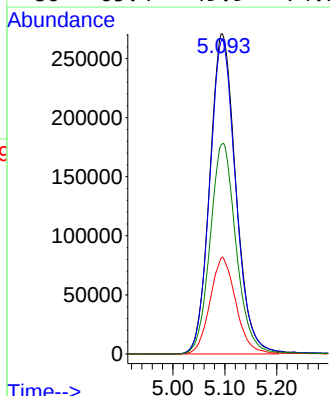
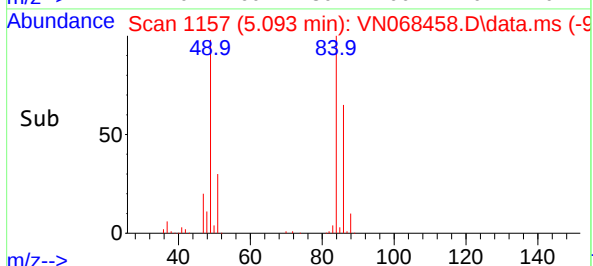
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021

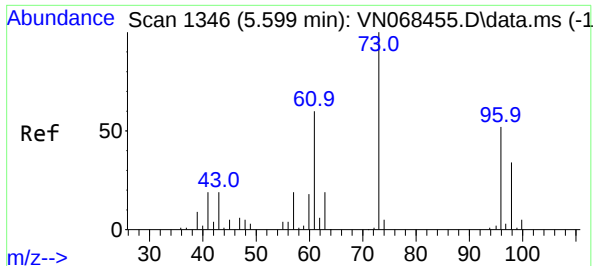


#18
Methylene Chloride
Concen: 135.615 ug/l
RT: 5.093 min Scan# 1157
Delta R.T. -0.008 min
Lab File: VN068458.D
Acq: 13 Sep 2021 15:20



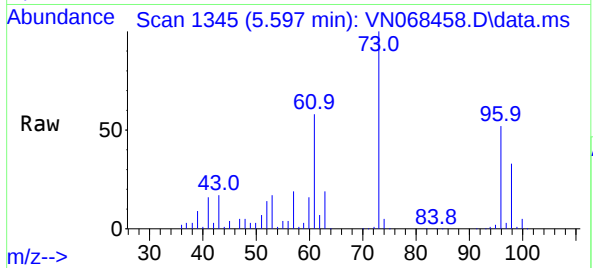
Tgt Ion: 84 Resp: 945744
Ion Ratio Lower Upper
84 100
49 97.7 82.4 123.6
51 29.9 25.9 38.9
86 65.4 49.9 74.9





#19
trans-1,2-Dichloroethene
Concen: 145.695 ug/l
RT: 5.597 min Scan# 11
Delta R.T. -0.003 min
Lab File: VN068458.D
Acq: 13 Sep 2021 15:20

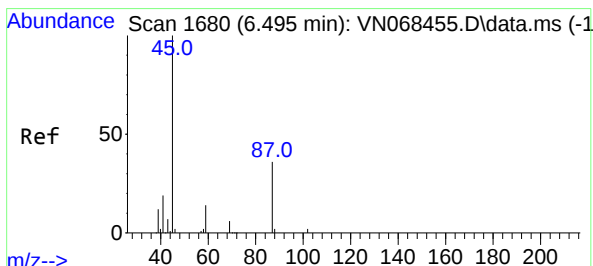
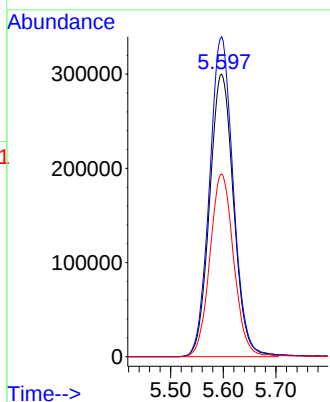
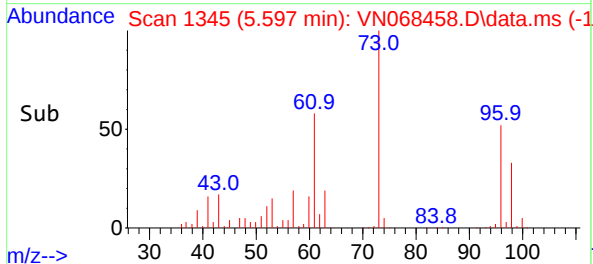
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



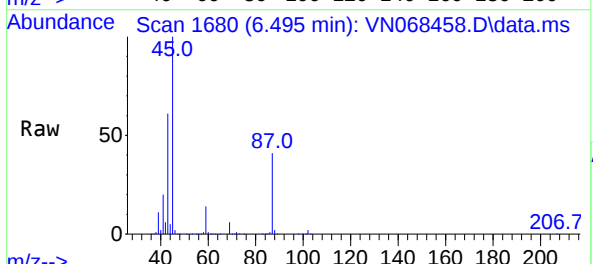
Tgt Ion: 96 Resp: 952277
Ion Ratio Lower Upper
96 100
61 113.3 92.5 138.7
98 64.7 51.7 77.5

Manual Integrations
APPROVED

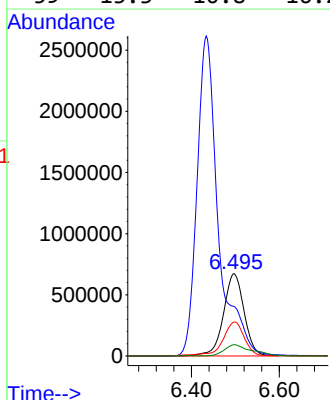
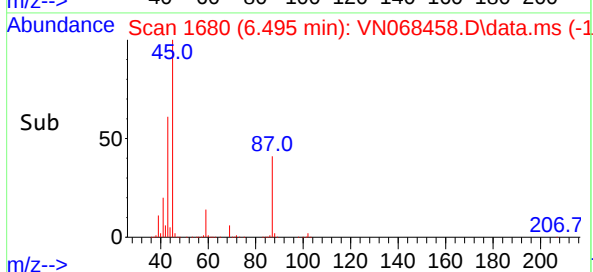
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021

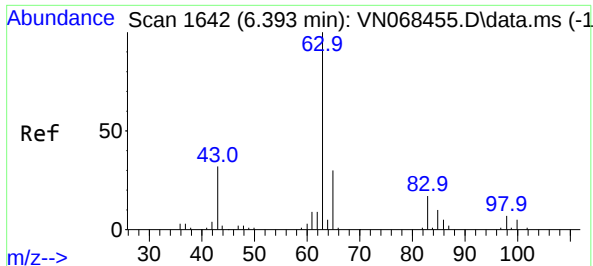


#20
Diisopropyl ether
Concen: 135.619 ug/l
RT: 6.495 min Scan# 1680
Delta R.T. 0.000 min
Lab File: VN068458.D
Acq: 13 Sep 2021 15:20



Tgt Ion: 45 Resp: 2188277
Ion Ratio Lower Upper
45 100
43 59.7 52.2 78.2
87 40.8 29.8 44.8
59 13.3 10.8 16.2





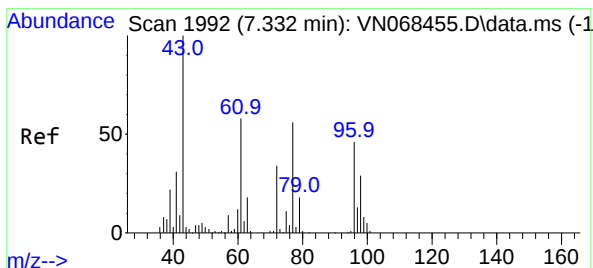
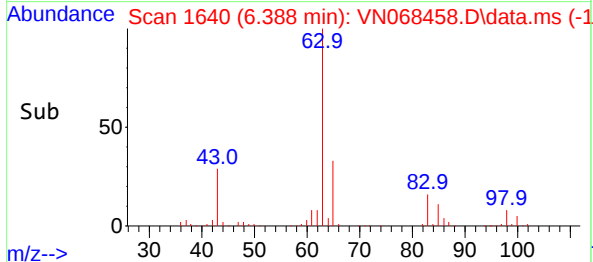
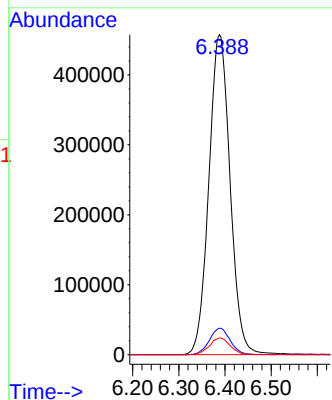
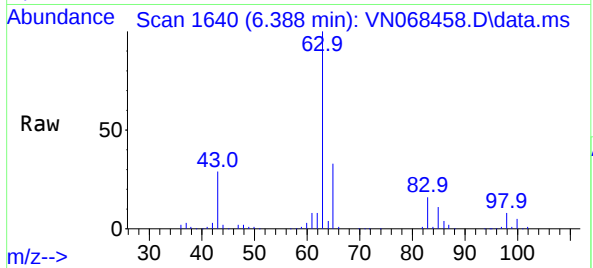
#21
1,1-Dichloroethane
Concen: 136.515 ug/l
RT: 6.388 min Scan# 10
Delta R.T. -0.005 min
Lab File: VN068458.D
Acq: 13 Sep 2021 15:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion: 63 Resp: 146396
Ion Ratio Lower Upper
63 100
98 8.2 3.5 10.4
100 5.2 2.5 7.5

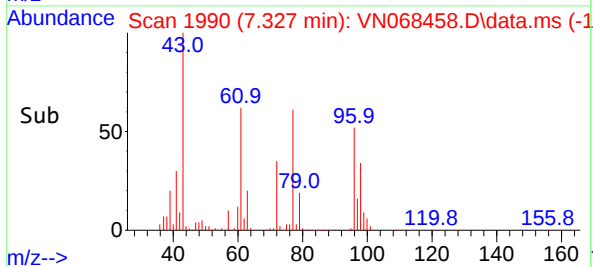
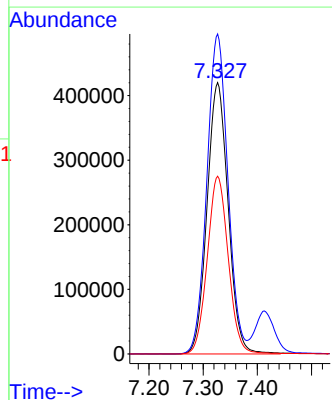
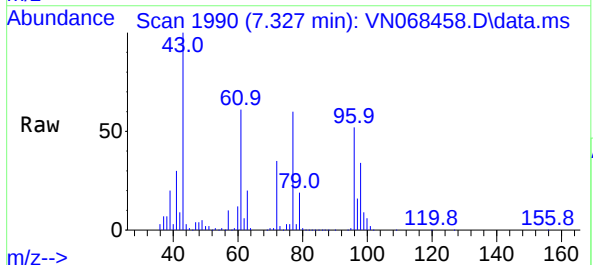
Manual Integrations
APPROVED

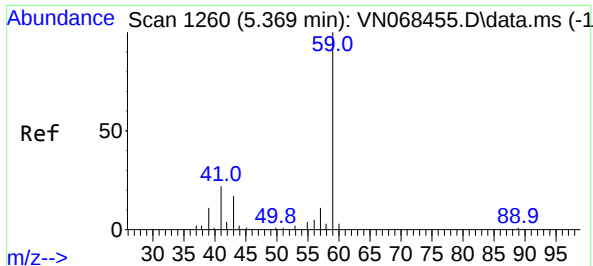
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021



#22
cis-1,2-Dichloroethene
Concen: 144.948 ug/l
RT: 7.327 min Scan# 1990
Delta R.T. -0.005 min
Lab File: VN068458.D
Acq: 13 Sep 2021 15:20

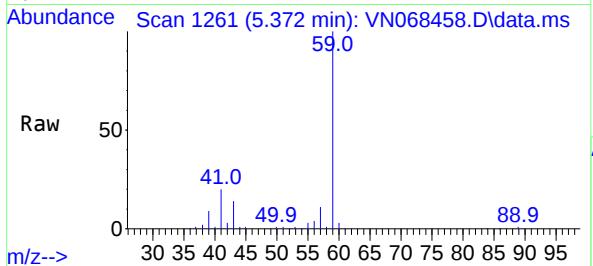
Tgt Ion: 96 Resp: 1137096
Ion Ratio Lower Upper
96 100
61 117.5 102.3 153.5
98 65.1 52.3 78.5





#23
tert-Butyl Alcohol
Concen: 695.950 ug/l
RT: 5.372 min Scan# 1261
Delta R.T. 0.003 min
Lab File: VN068458.D
Acq: 13 Sep 2021 15:20

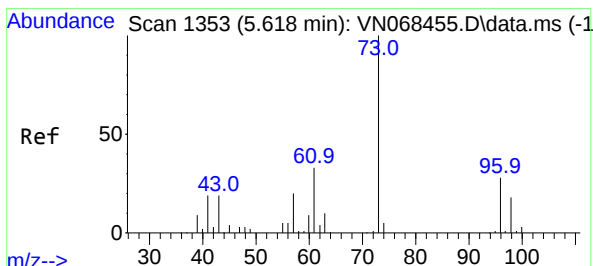
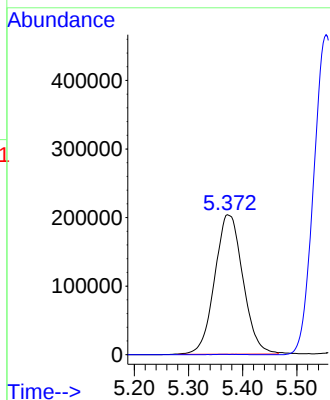
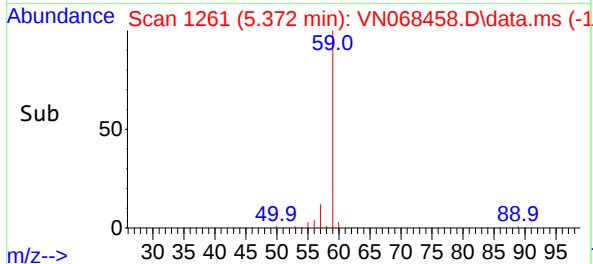
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



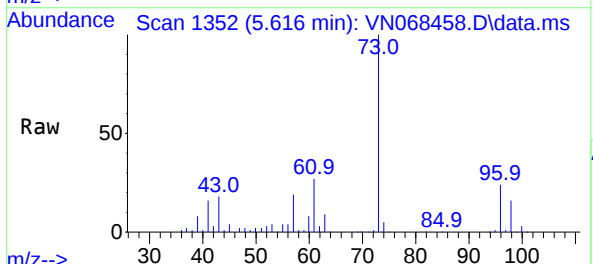
Tgt Ion: 59 Resp: 73851
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

Manual Integrations
APPROVED

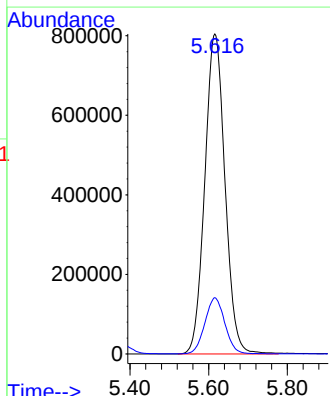
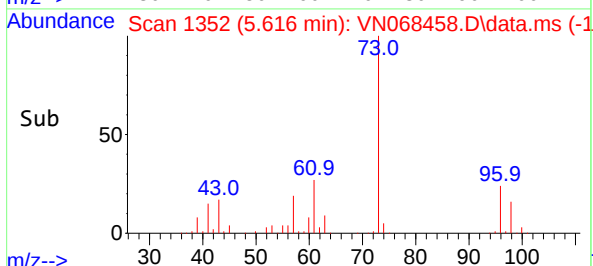
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021

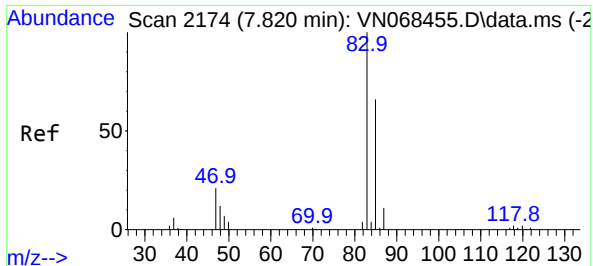


#24
Methyl tert-Butyl Ether
Concen: 144.593 ug/l
RT: 5.616 min Scan# 1352
Delta R.T. -0.003 min
Lab File: VN068458.D
Acq: 13 Sep 2021 15:20



Tgt Ion: 73 Resp: 2868304
Ion Ratio Lower Upper
73 100
43 17.3 14.9 22.3





#25

Chloroform

Concen: 136.184 ug/l

RT: 7.820 min Scan# 2174

Delta R.T. 0.000 min

Lab File: VN068458.D

Acq: 13 Sep 2021 15:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tgt Ion: 83 Resp: 1747792

Ion Ratio Lower Upper

83 100

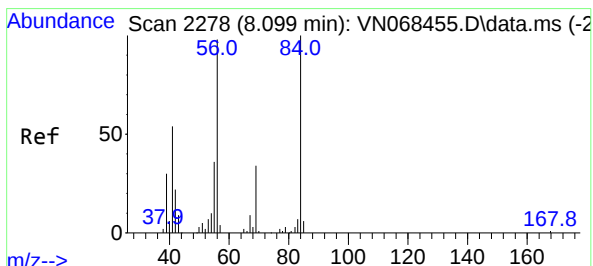
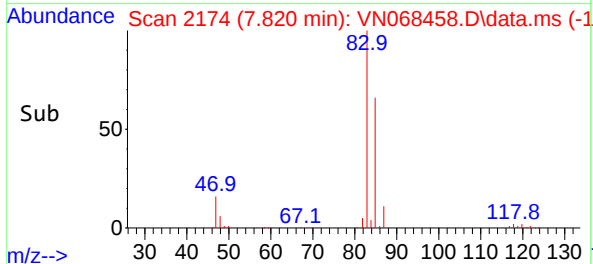
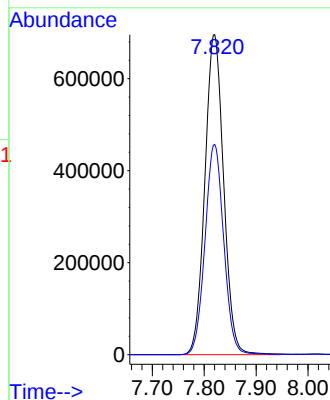
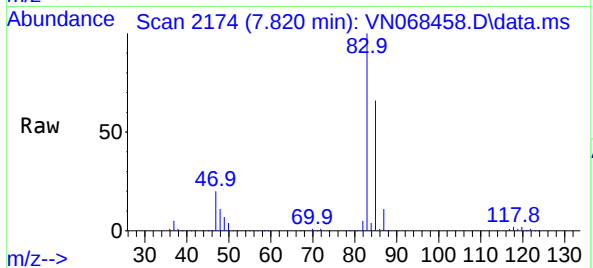
85 65.7 52.6 78.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2021

Supervised By :Mahesh Dadoda 09/14/2021



#26

Cyclohexane

Concen: 139.003 ug/l

RT: 8.096 min Scan# 2277

Delta R.T. -0.003 min

Lab File: VN068458.D

Acq: 13 Sep 2021 15:20

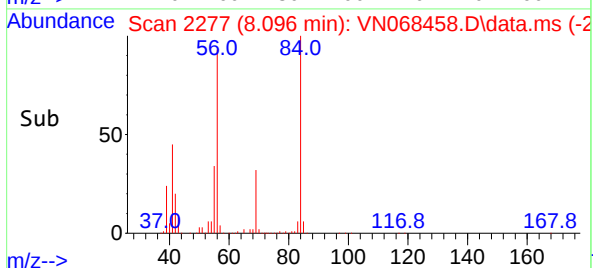
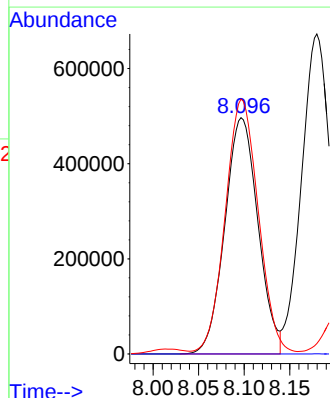
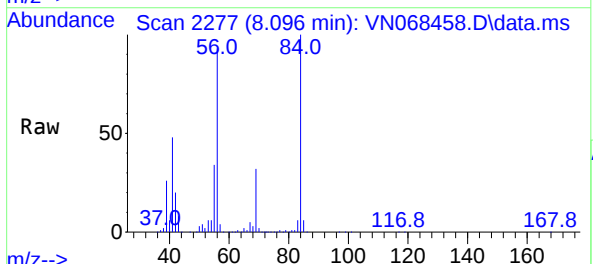
Tgt Ion: 56 Resp: 1260252

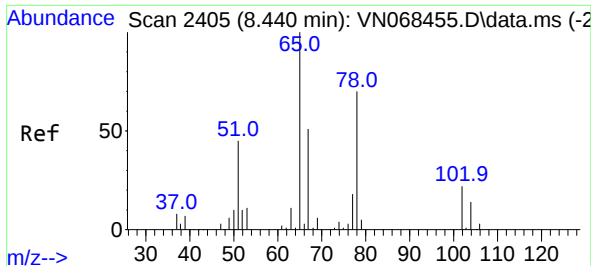
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

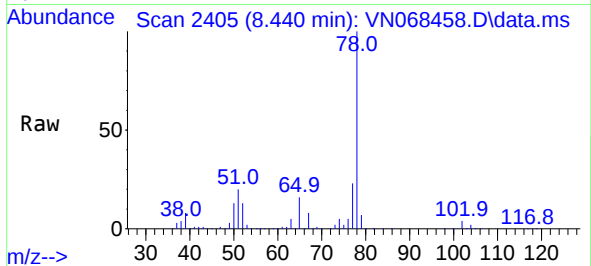
84 108.0 82.8 124.2





#27
1,2-Dichloroethane-d4
Concen: 26.908 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.000 min
Lab File: VN068458.D
Acq: 13 Sep 2021 15:20

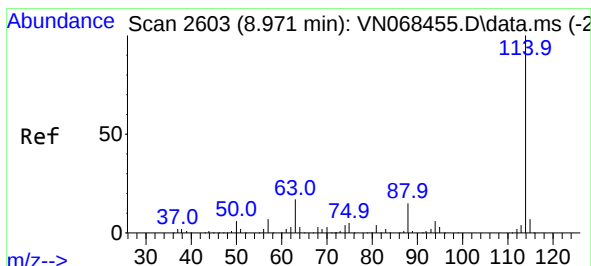
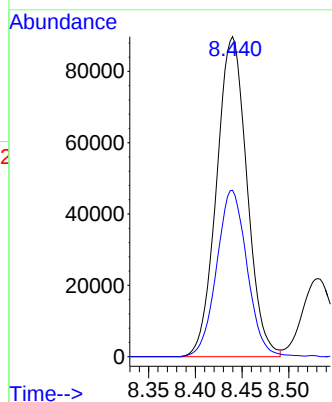
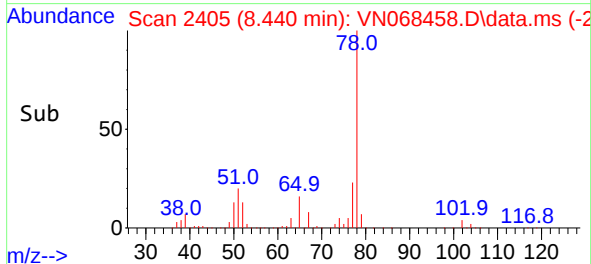
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



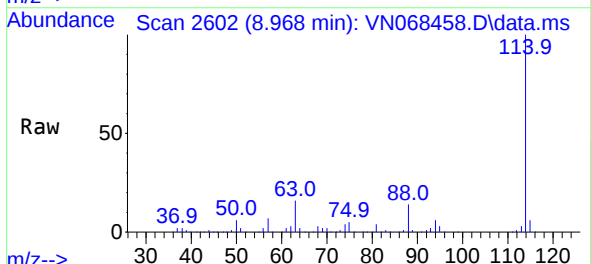
Tgt Ion: 65 Resp: 20315
Ion Ratio Lower Upper
65 100
67 52.1 41.8 62.8

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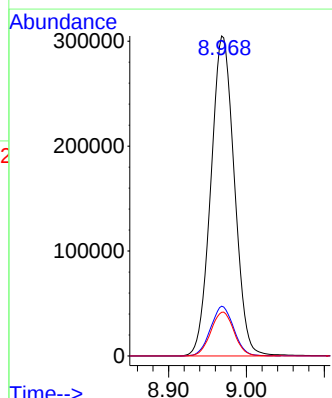
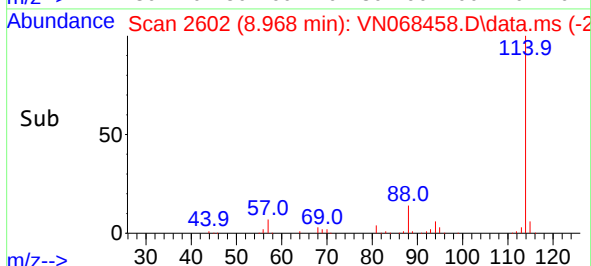
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021

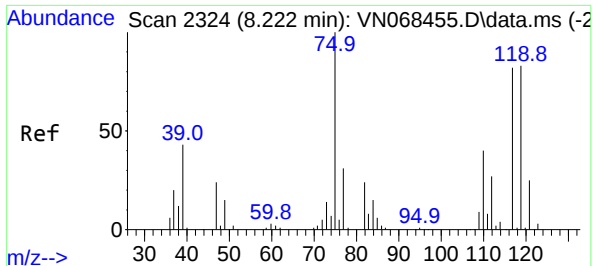


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. -0.003 min
Lab File: VN068458.D
Acq: 13 Sep 2021 15:20



Tgt Ion:114 Resp: 637120
Ion Ratio Lower Upper
114 100
63 15.4 13.4 20.0
88 13.6 11.1 16.7





#29

1,1-Dichloropropene

Concen: 145.681 ug/l

RT: 8.225 min Scan# 21

Delta R.T. 0.003 min

Lab File: VN068458.D

Acq: 13 Sep 2021 15:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tgt Ion: 75 Resp: 1243578

Ion Ratio Lower Upper

75 100

110 43.9 0.0 82.2

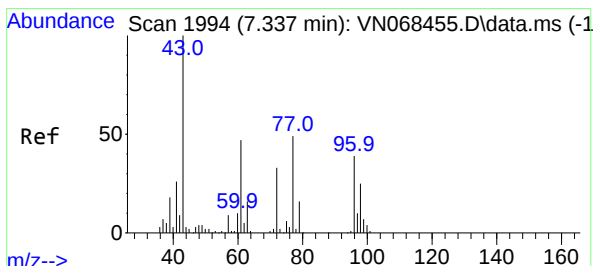
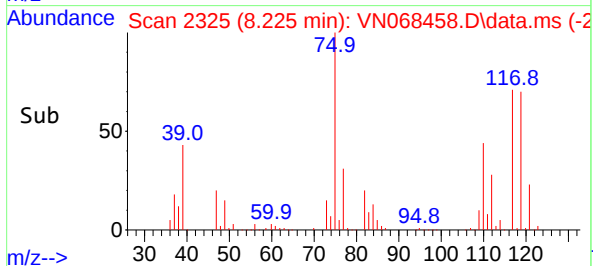
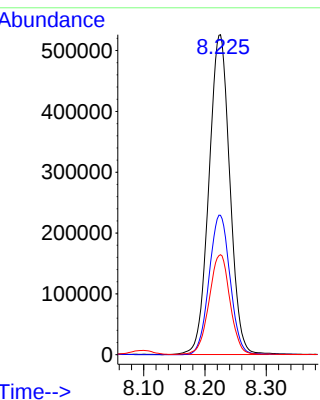
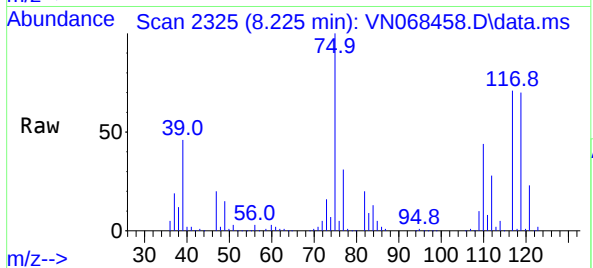
77 31.2 0.0 60.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2021

Supervised By :Mahesh Dadoda 09/14/2021



#30

2-Butanone

Concen: 717.693 ug/l

RT: 7.335 min Scan# 1993

Delta R.T. -0.003 min

Lab File: VN068458.D

Acq: 13 Sep 2021 15:20

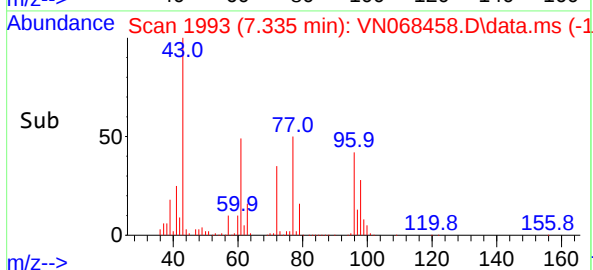
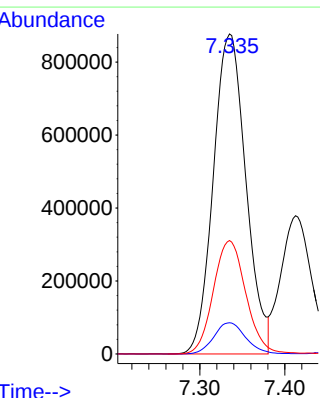
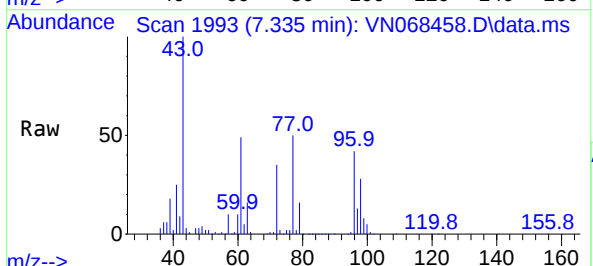
Tgt Ion: 43 Resp: 2338298

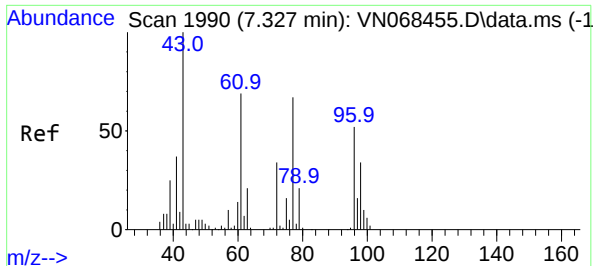
Ion Ratio Lower Upper

43 100

57 9.6 3.2 4.8#

72 35.4 26.6 39.8





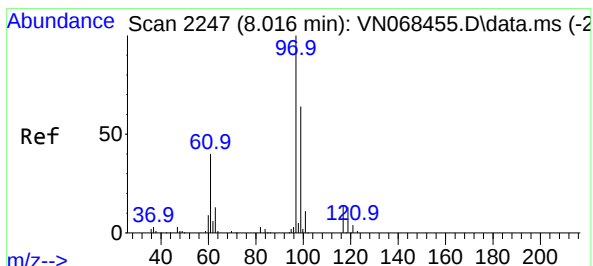
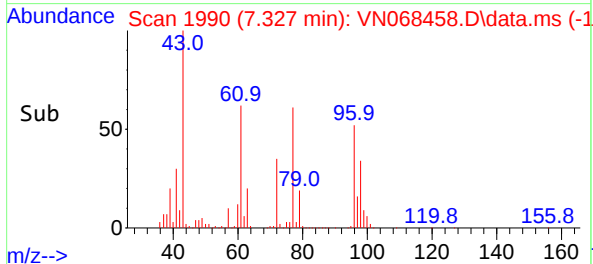
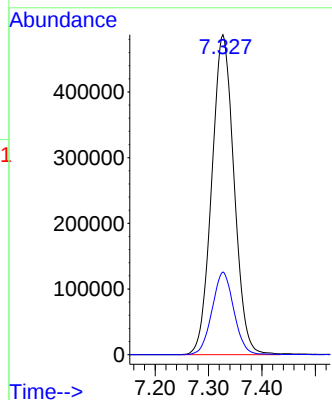
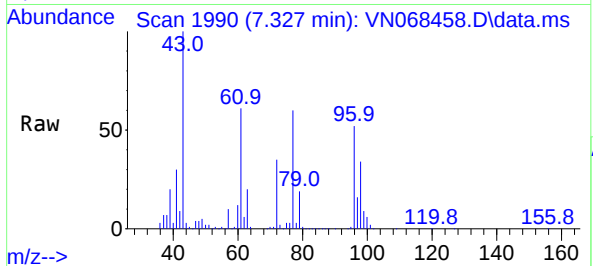
#31
2,2-Dichloropropane
Concen: 143.914 ug/l
RT: 7.327 min Scan# 1990
Delta R.T. 0.000 min
Lab File: VN068458.D
Acq: 13 Sep 2021 15:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion: 77 Resp: 141375
Ion Ratio Lower Upper
77 100
97 25.1 18.6 28.0

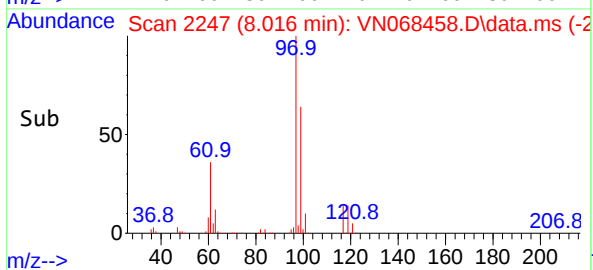
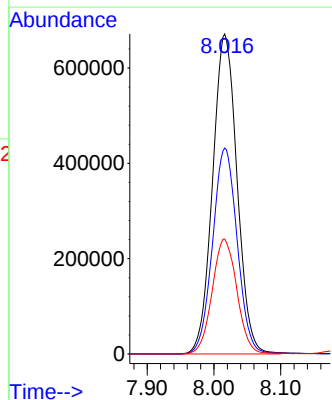
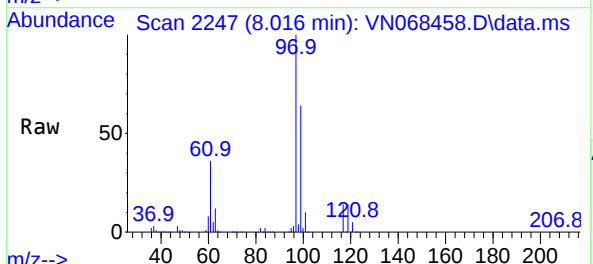
Manual Integrations
APPROVED

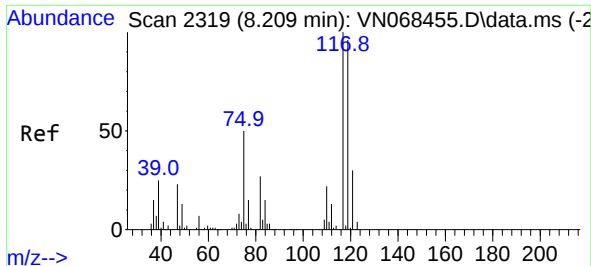
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021



#32
1,1,1-Trichloroethane
Concen: 147.631 ug/l
RT: 8.016 min Scan# 2247
Delta R.T. 0.000 min
Lab File: VN068458.D
Acq: 13 Sep 2021 15:20

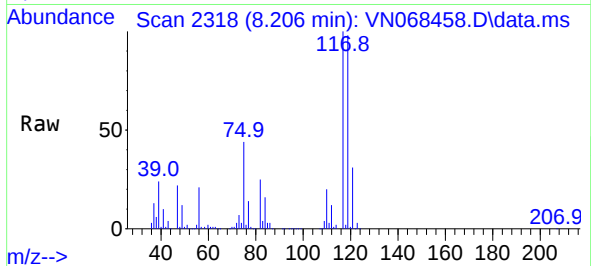
Tgt Ion: 97 Resp: 1711364
Ion Ratio Lower Upper
97 100
99 64.9 51.4 77.2
61 36.3 31.4 47.0





#33
Carbon Tetrachloride
Concen: 149.150 ug/l
RT: 8.206 min Scan# 2117
Delta R.T. -0.003 min
Lab File: VN068458.D
Acq: 13 Sep 2021 15:20

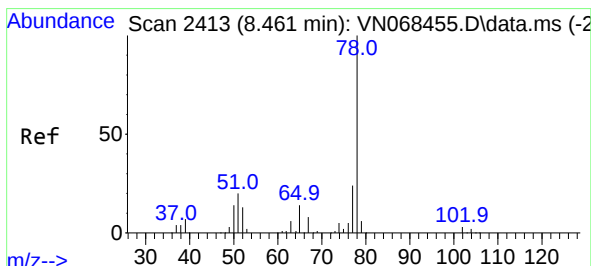
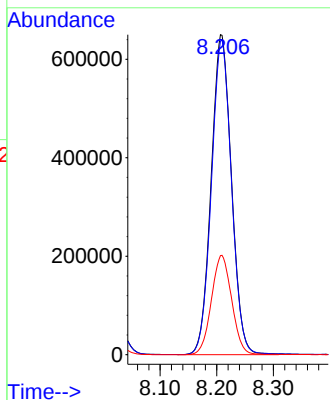
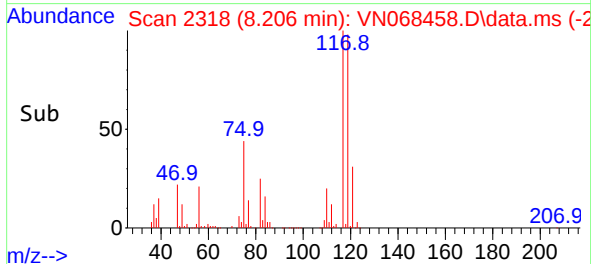
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



Tgt Ion:117 Resp: 161613
Ion Ratio Lower Upper
117 100
119 97.9 76.8 115.2
121 31.0 24.4 36.6

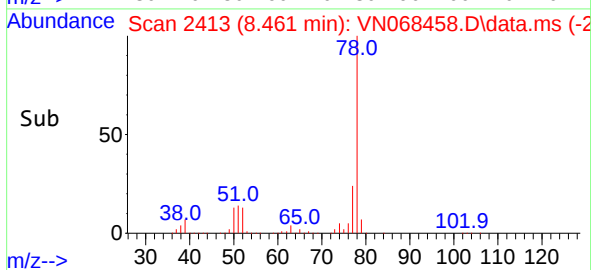
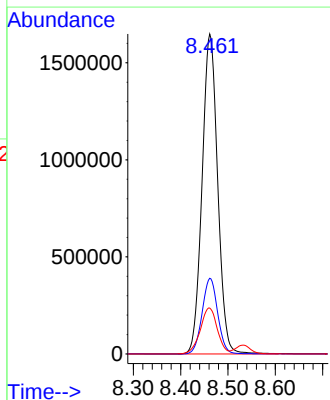
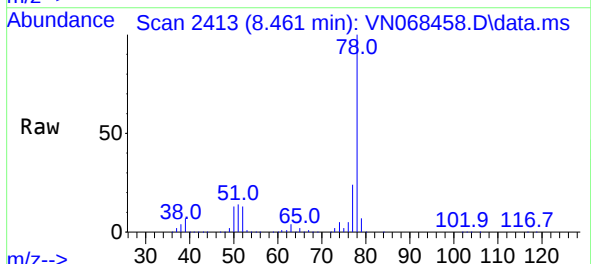
Manual Integrations
APPROVED

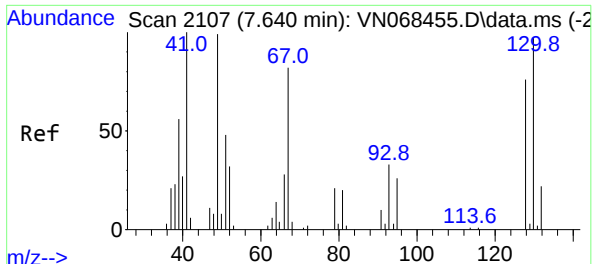
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021



#34
Benzene
Concen: 145.198 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. 0.000 min
Lab File: VN068458.D
Acq: 13 Sep 2021 15:20

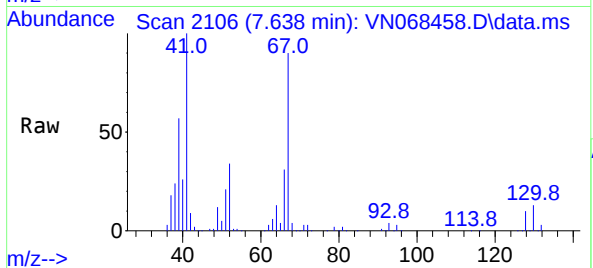
Tgt Ion: 78 Resp: 3779680
Ion Ratio Lower Upper
78 100
77 23.6 19.2 28.8
51 14.3 15.8 23.6#





#35
Methacrylonitrile
Concen: 140.013 ug/l
RT: 7.638 min Scan# 2106
Delta R.T. -0.003 min
Lab File: VN068458.D
Acq: 13 Sep 2021 15:20

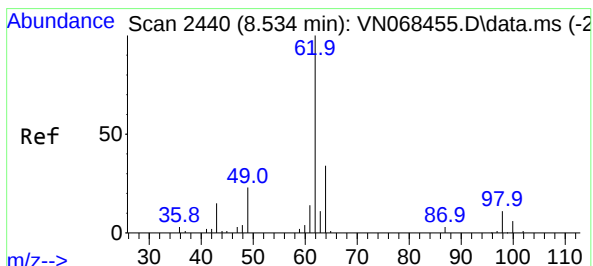
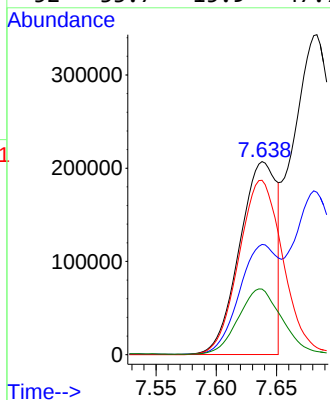
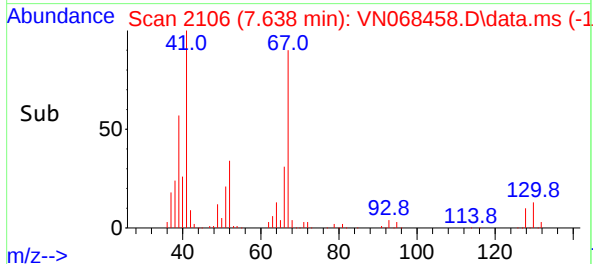
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



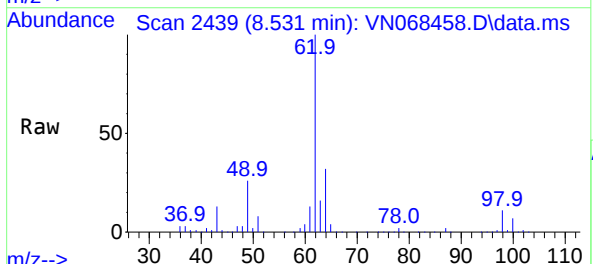
Tgt Ion: 41 Resp: 439945
Ion Ratio Lower Upper
41 100
39 57.0 28.2 84.6
67 90.4 40.8 122.5
52 33.7 15.9 47.7

Manual Integrations
APPROVED

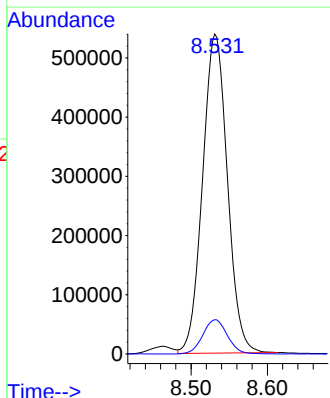
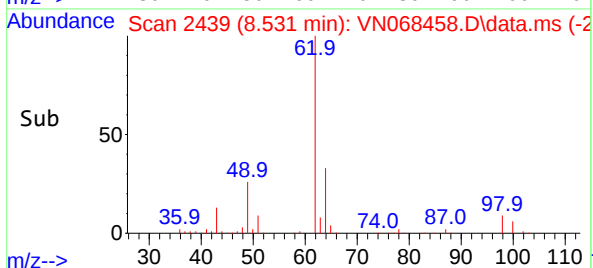
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021

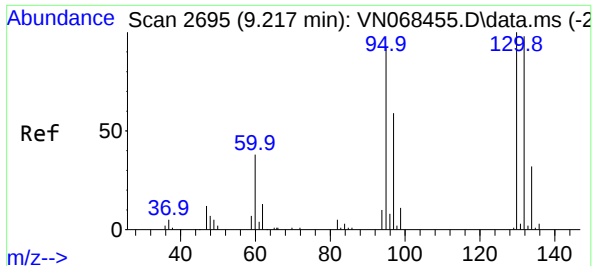


#36
1,2-Dichloroethane
Concen: 138.862 ug/l
RT: 8.531 min Scan# 2439
Delta R.T. -0.003 min
Lab File: VN068458.D
Acq: 13 Sep 2021 15:20



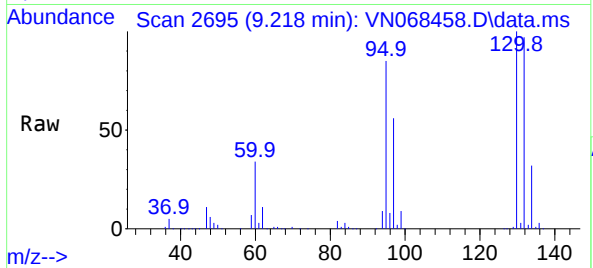
Tgt Ion: 62 Resp: 1217036
Ion Ratio Lower Upper
62 100
98 10.7 7.8 11.8





#37
Trichloroethene
Concen: 150.661 ug/l
RT: 9.218 min Scan# 2695
Delta R.T. 0.000 min
Lab File: VN068458.D
Acq: 13 Sep 2021 15:20

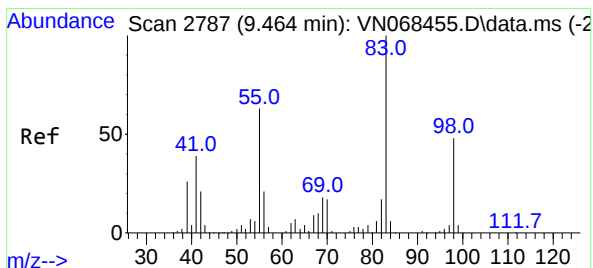
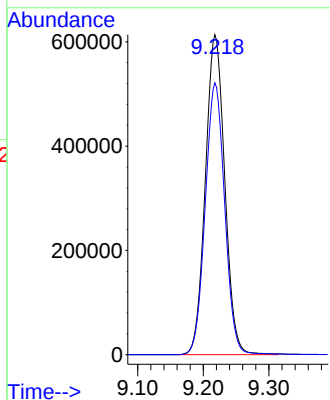
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



Tgt Ion:130 Resp: 1260540
Ion Ratio Lower Upper
130 100
95 85.0 73.4 110.0

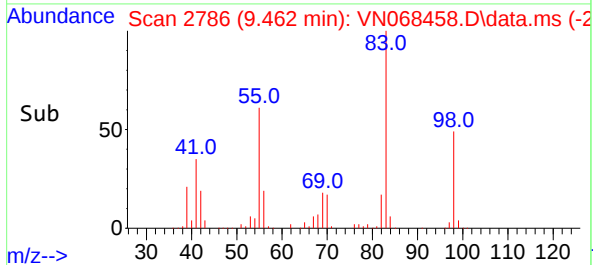
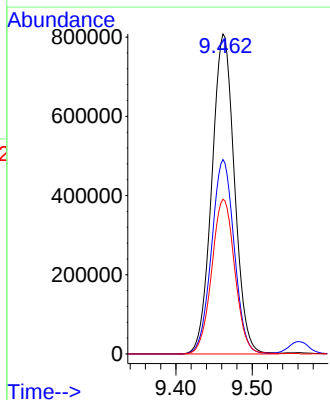
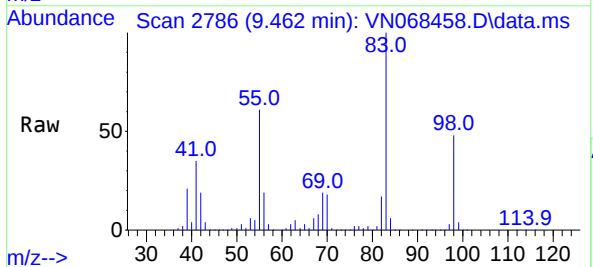
Manual Integrations
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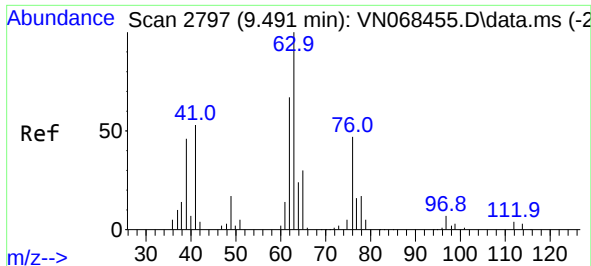
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021



#38
Methylcyclohexane
Concen: 151.724 ug/l
RT: 9.462 min Scan# 2786
Delta R.T. -0.003 min
Lab File: VN068458.D
Acq: 13 Sep 2021 15:20

Tgt Ion: 83 Resp: 1664812
Ion Ratio Lower Upper
83 100
55 60.9 32.1 96.3
98 49.4 24.0 72.0





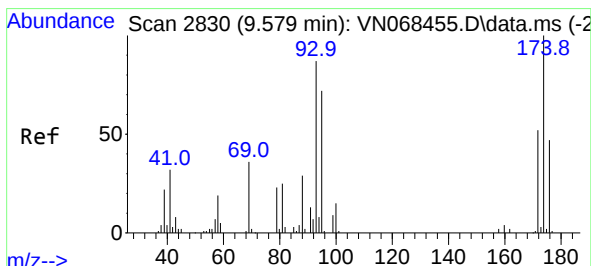
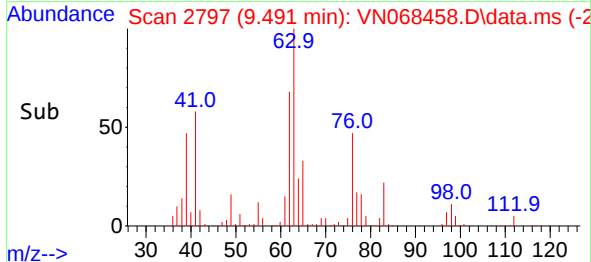
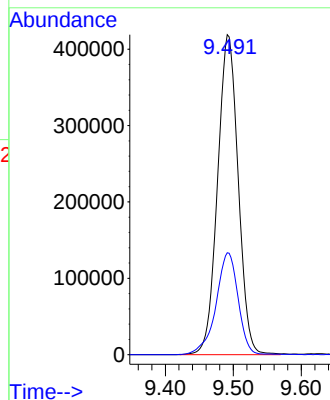
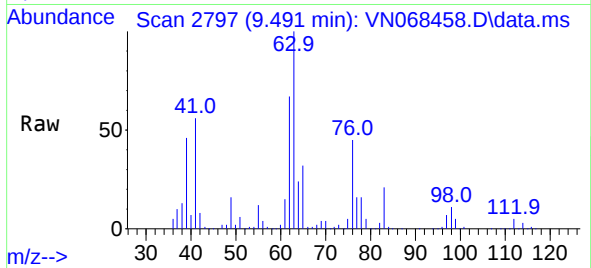
#39
1,2-Dichloropropane
Concen: 144.035 ug/l
RT: 9.491 min Scan# 2797
Delta R.T. 0.000 min
Lab File: VN068458.D
Acq: 13 Sep 2021 15:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Tgt Ion: 63 Resp: 88244
Ion Ratio Lower Upper
63 100
65 31.8 24.4 36.6

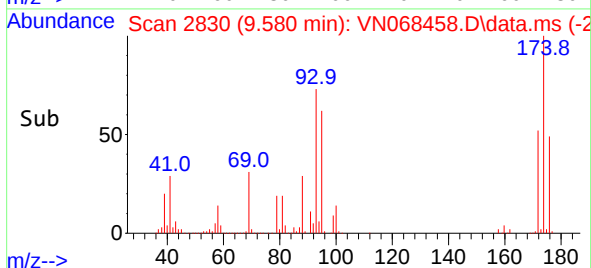
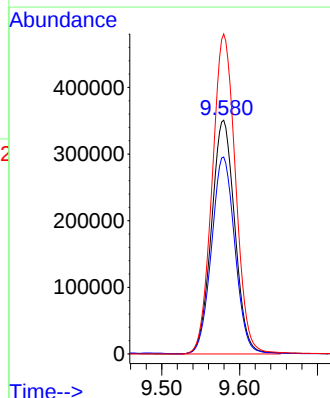
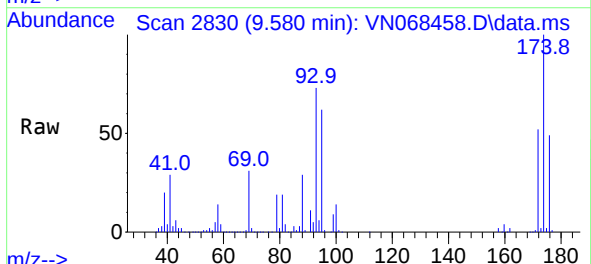
Manual Integrations
APPROVED

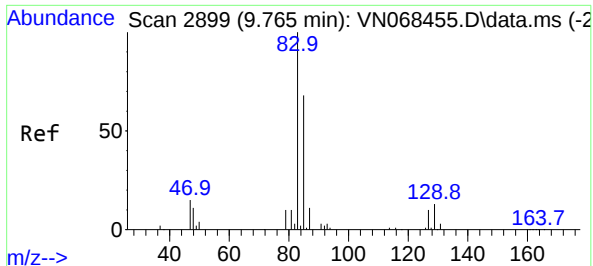
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021



#40
Dibromomethane
Concen: 144.859 ug/l
RT: 9.580 min Scan# 2830
Delta R.T. 0.000 min
Lab File: VN068458.D
Acq: 13 Sep 2021 15:20

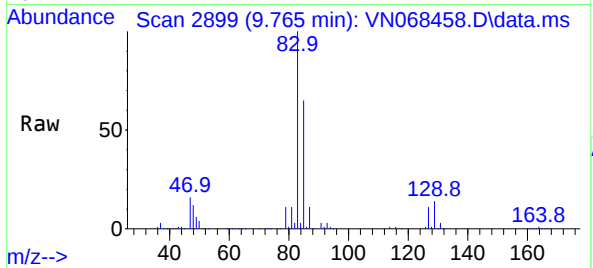
Tgt Ion: 93 Resp: 729170
Ion Ratio Lower Upper
93 100
95 84.2 0.0 165.2
174 137.1 0.0 231.8





#41
Bromodichloromethane
Concen: 147.650 ug/l
RT: 9.765 min Scan# 2899
Delta R.T. 0.000 min
Lab File: VN068458.D
Acq: 13 Sep 2021 15:20

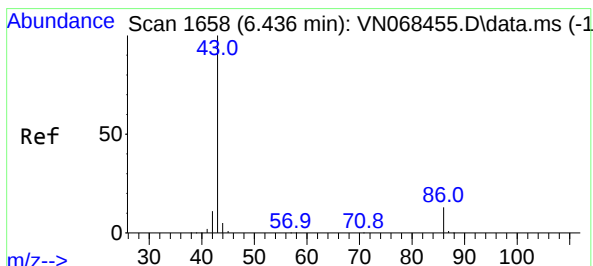
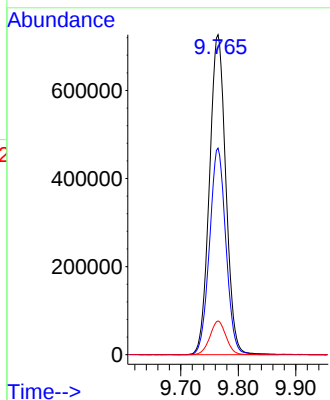
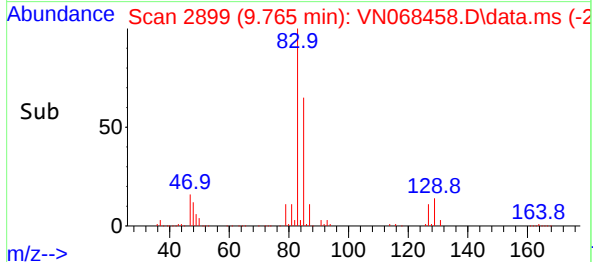
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



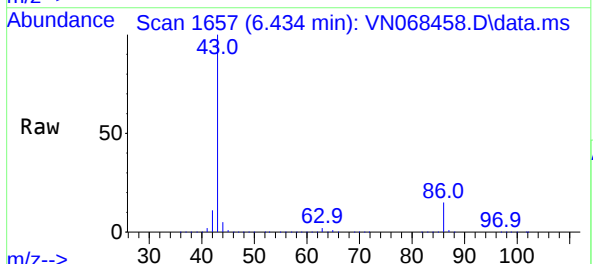
Tgt Ion: 83 Resp: 1436334
Ion Ratio Lower Upper
83 100
85 64.5 54.1 81.1
127 10.5 8.8 13.2

Manual Integrations
APPROVED

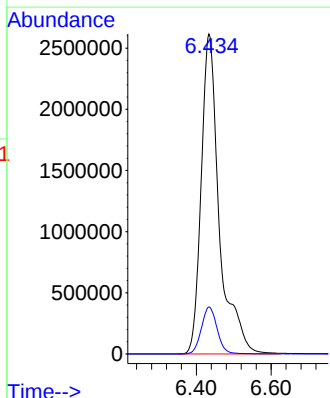
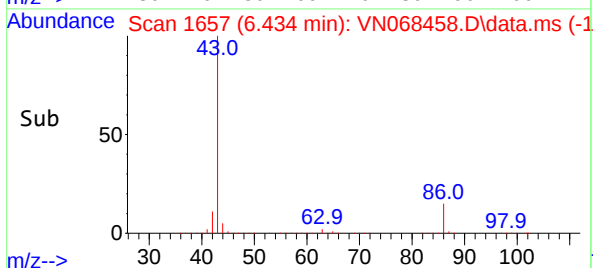
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021

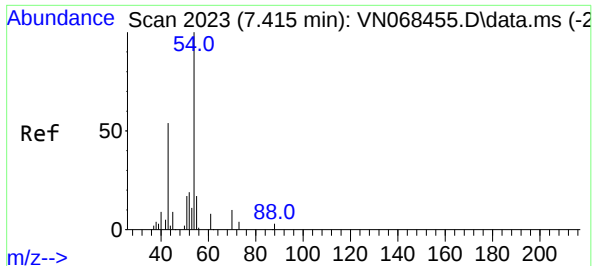


#42
Vinyl Acetate
Concen: 750.639 ug/l
RT: 6.434 min Scan# 1657
Delta R.T. -0.003 min
Lab File: VN068458.D
Acq: 13 Sep 2021 15:20



Tgt Ion: 43 Resp: 8786677
Ion Ratio Lower Upper
43 100
86 12.8 9.0 13.6





#43

Ethyl Acetate

Concen: 137.352 ug/l

RT: 7.413 min Scan# 20

Delta R.T. -0.003 min

Lab File: VN068458.D

Acq: 13 Sep 2021 15:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC150

Tgt Ion: 43 Resp: 970890

Ion Ratio Lower Upper

43 100

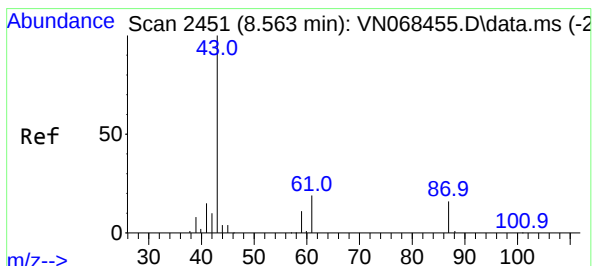
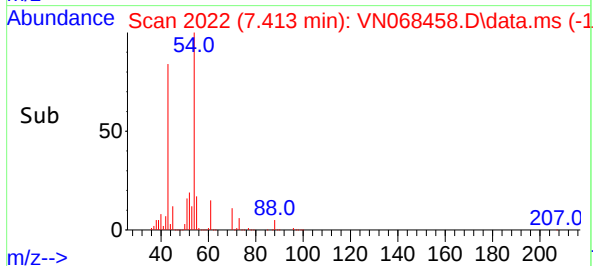
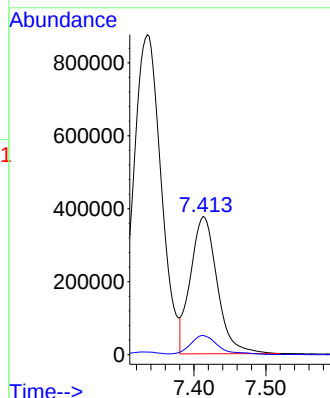
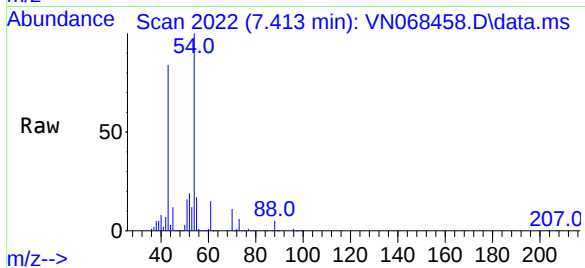
45 14.6 0.4 0.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2021

Supervised By :Mahesh Dadoda 09/14/2021



#44

Isopropyl Acetate

Concen: 145.296 ug/l

RT: 8.560 min Scan# 2450

Delta R.T. -0.003 min

Lab File: VN068458.D

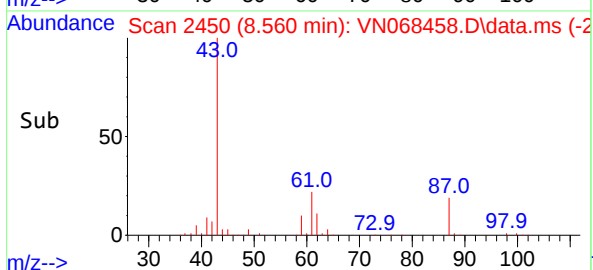
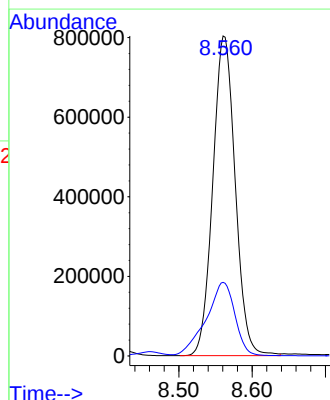
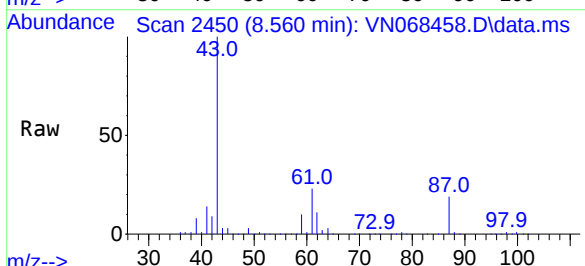
Acq: 13 Sep 2021 15:20

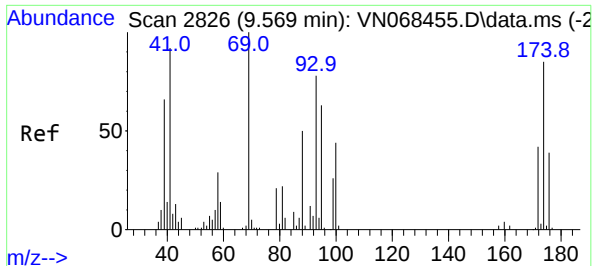
Tgt Ion: 43 Resp: 1705839

Ion Ratio Lower Upper

43 100

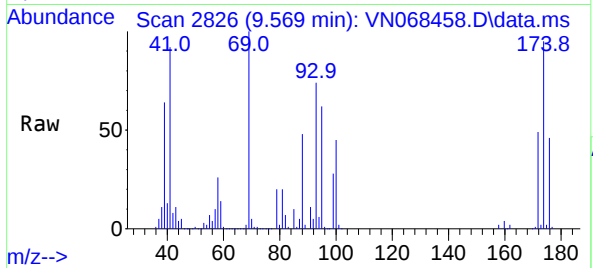
61 29.6 22.7 34.1





#45
1,4-Dioxane
Concen: 3069.085 ug/l
RT: 9.569 min Scan# 2826
Delta R.T. 0.000 min
Lab File: VN068458.D
Acq: 13 Sep 2021 15:20

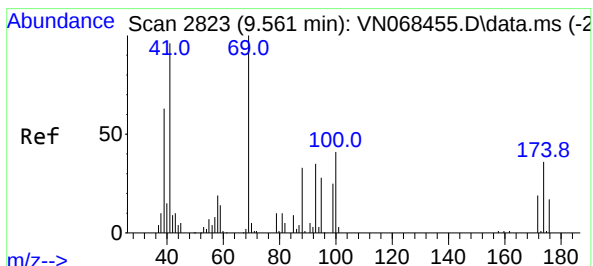
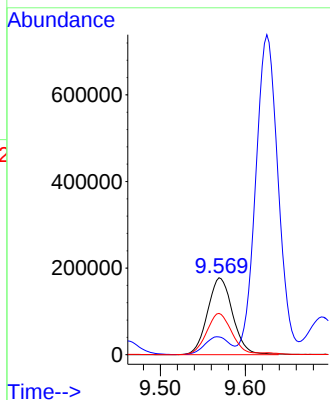
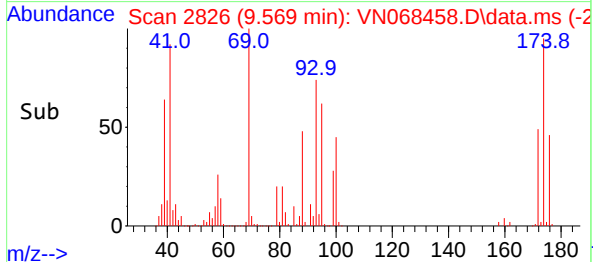
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



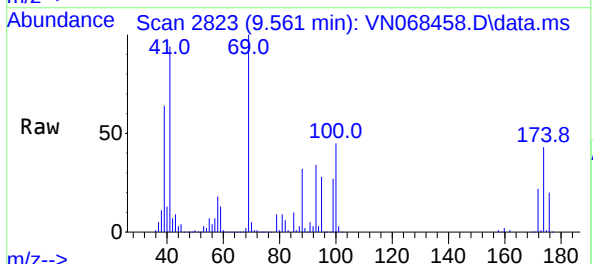
Tgt Ion: 88 Resp: 365052
Ion Ratio Lower Upper
88 100
43 22.3 21.0 31.4
58 53.8 47.0 70.6

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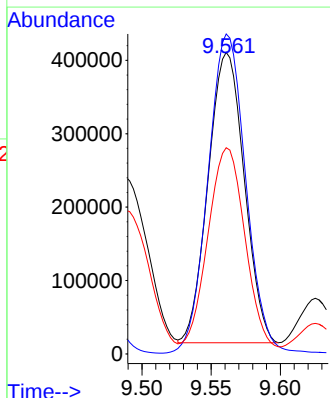
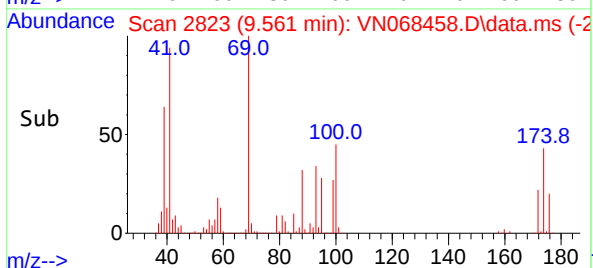
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021

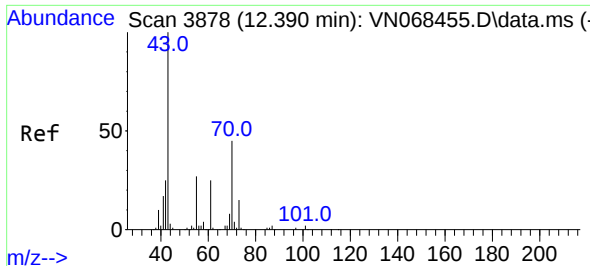


#46
Methyl methacrylate
Concen: 150.607 ug/l
RT: 9.561 min Scan# 2823
Delta R.T. 0.000 min
Lab File: VN068458.D
Acq: 13 Sep 2021 15:20



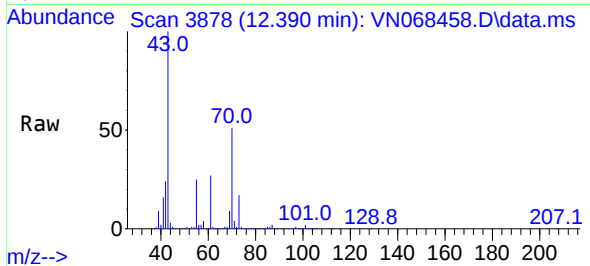
Tgt Ion: 41 Resp: 716581
Ion Ratio Lower Upper
41 100
69 108.3 51.4 154.3
39 68.5 33.1 99.2





#47
n-amy1 Acetate
Concen: 166.231 ug/l
RT: 12.390 min Scan# 3878
Delta R.T. 0.000 min
Lab File: VN068458.D
Acq: 13 Sep 2021 15:20

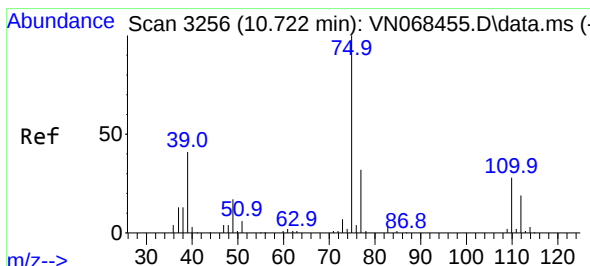
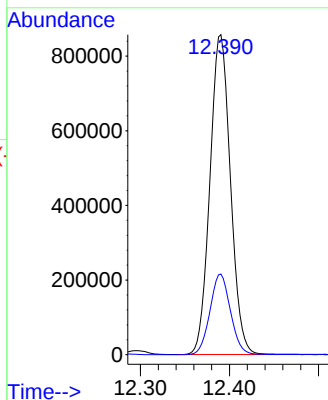
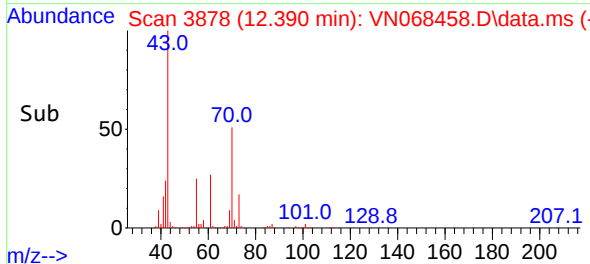
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



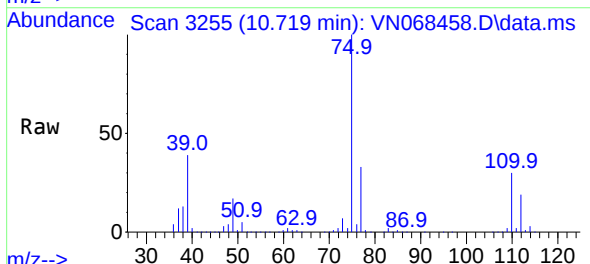
Tgt Ion: 43 Resp: 1373059
Ion Ratio Lower Upper
43 100
55 25.2 21.7 32.5

Manual Integrations
APPROVED

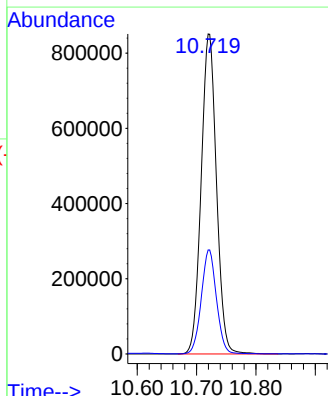
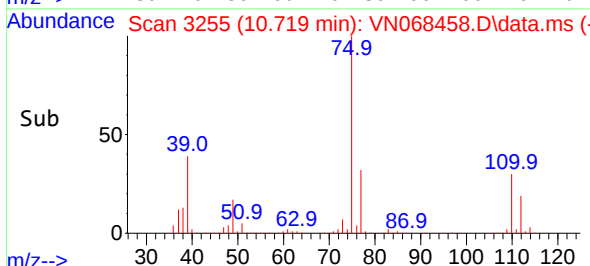
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021

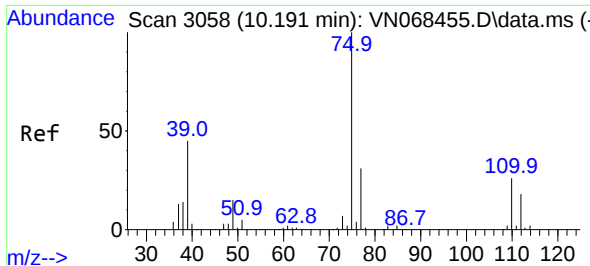


#48
t-1,3-Dichloropropene
Concen: 154.515 ug/l
RT: 10.719 min Scan# 3255
Delta R.T. -0.003 min
Lab File: VN068458.D
Acq: 13 Sep 2021 15:20



Tgt Ion: 75 Resp: 1521919
Ion Ratio Lower Upper
75 100
77 32.5 26.0 39.0





#49
cis-1,3-Dichloropropene
Concen: 151.194 ug/l
RT: 10.191 min Scan# 3058
Delta R.T. 0.000 min
Lab File: VN068458.D
Acq: 13 Sep 2021 15:20

Instrument :

MSVOA_N

ClientSampleId :

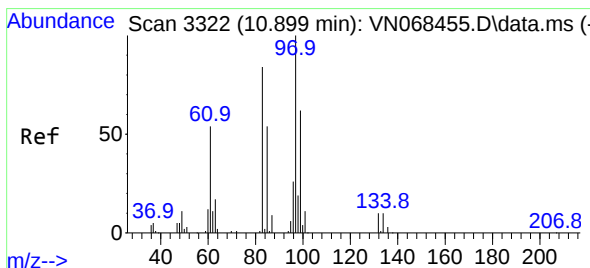
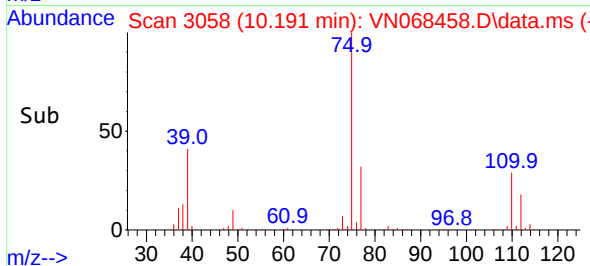
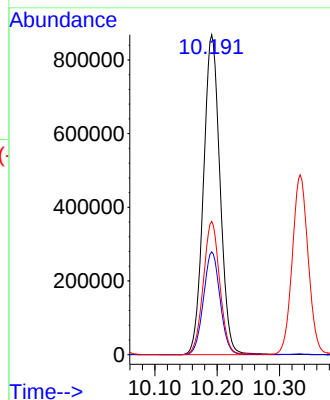
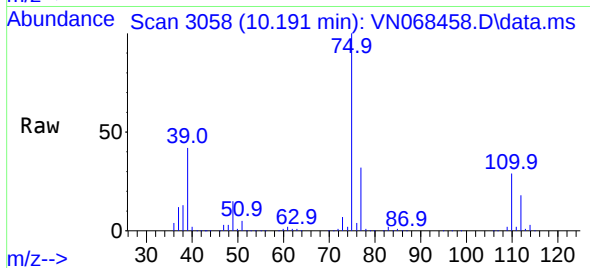
VSTDICC150

Tgt Ion: 75 Resp: 160052
Ion Ratio Lower Upper
75 100
77 32.1 24.6 36.8
39 41.6 35.9 53.9

Manual Integrations

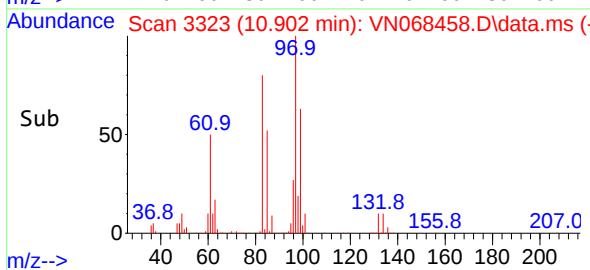
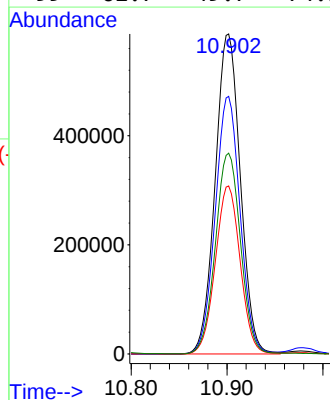
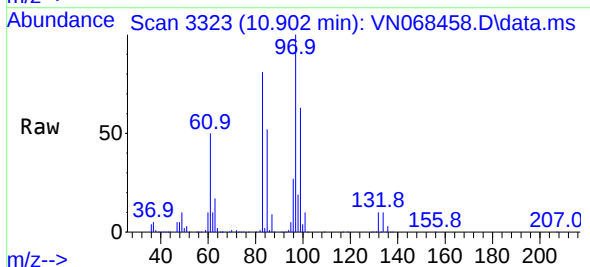
APPROVED

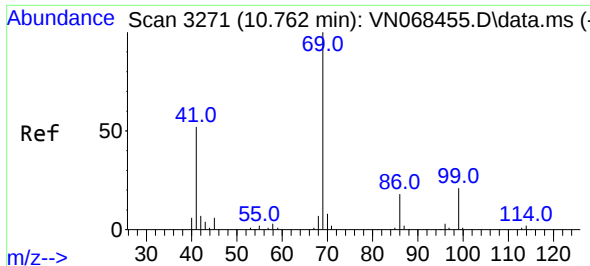
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021



#50
1,1,2-Trichloroethane
Concen: 147.190 ug/l
RT: 10.902 min Scan# 3323
Delta R.T. 0.003 min
Lab File: VN068458.D
Acq: 13 Sep 2021 15:20

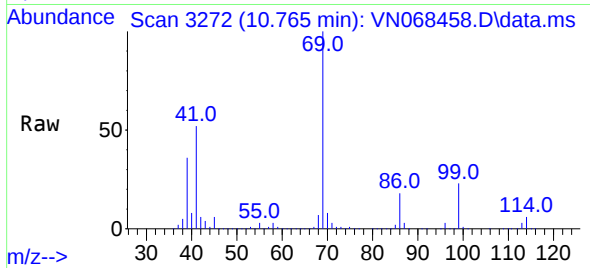
Tgt Ion: 97 Resp: 1070710
Ion Ratio Lower Upper
97 100
83 80.5 66.8 100.2
85 52.5 43.5 65.3
99 62.7 49.7 74.5





#51
Ethyl methacrylate
Concen: 156.930 ug/l
RT: 10.765 min Scan# 3271
Delta R.T. 0.003 min
Lab File: VN068458.D
Acq: 13 Sep 2021 15:20

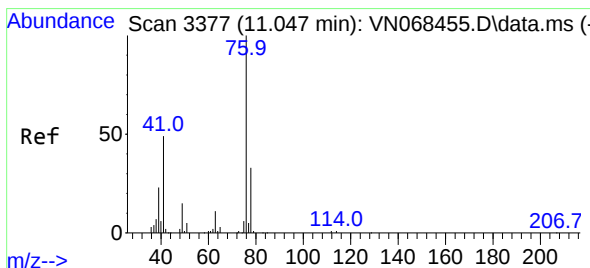
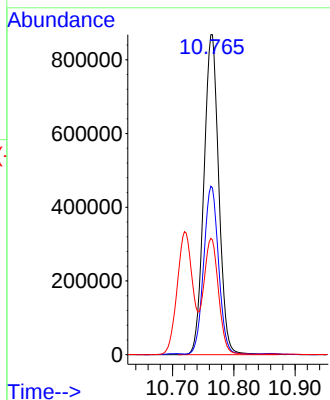
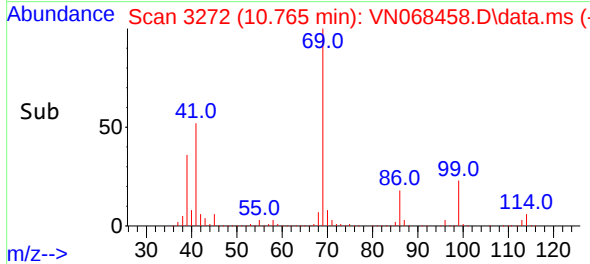
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



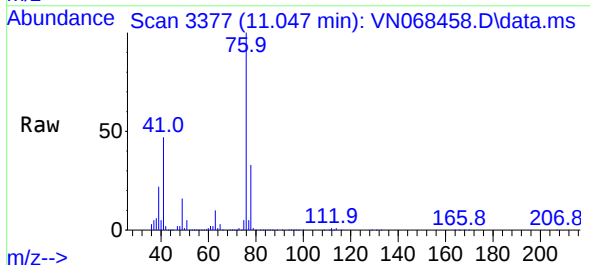
Tgt Ion: 69 Resp: 1465715
Ion Ratio Lower Upper
69 100
41 51.8 26.1 78.3
39 35.7 18.0 54.0

Manual Integrations
APPROVED

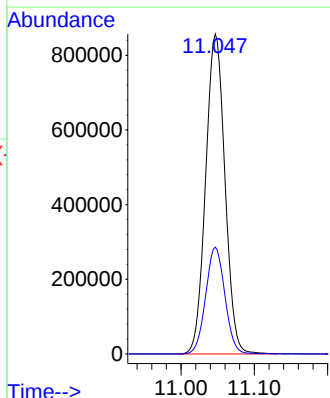
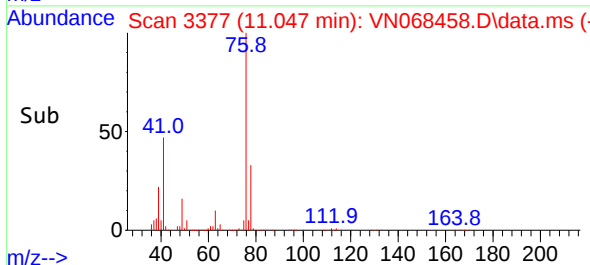
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021

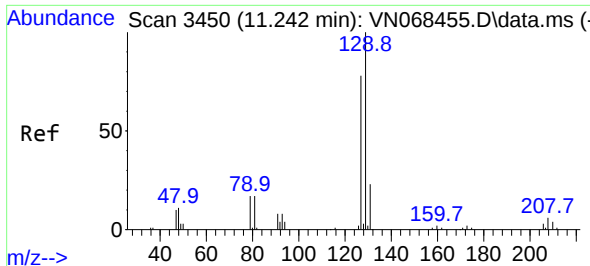


#52
1,3-Dichloropropane
Concen: 145.061 ug/l
RT: 11.047 min Scan# 3377
Delta R.T. 0.000 min
Lab File: VN068458.D
Acq: 13 Sep 2021 15:20



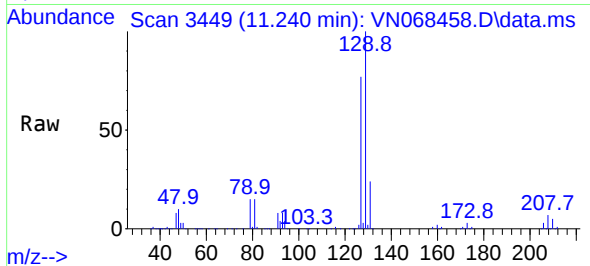
Tgt Ion: 76 Resp: 1569230
Ion Ratio Lower Upper
76 100
78 33.2 0.0 66.4





#53
Dibromochloromethane
Concen: 157.525 ug/l
RT: 11.240 min Scan# 3450
Delta R.T. -0.003 min
Lab File: VN068458.D
Acq: 13 Sep 2021 15:20

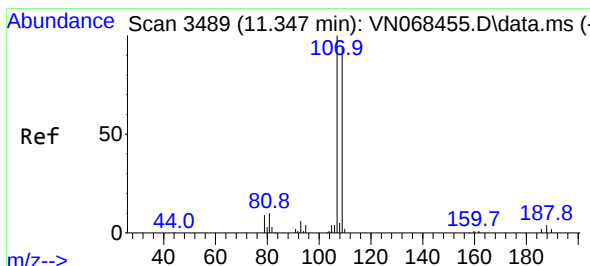
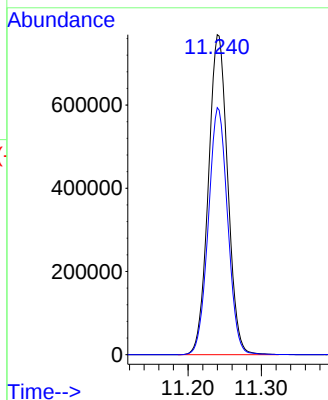
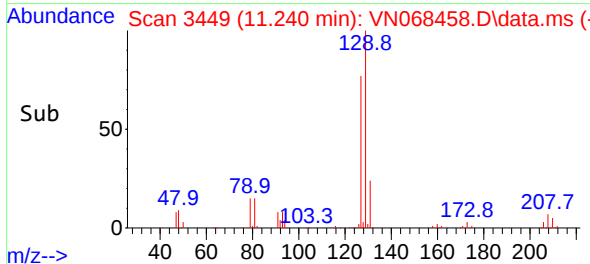
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



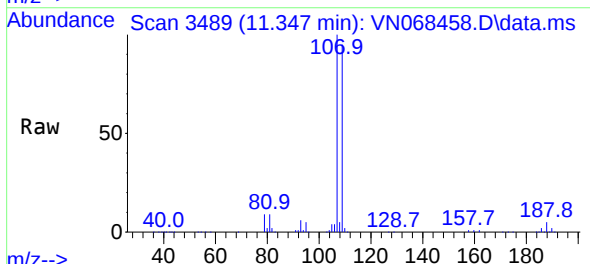
Tgt Ion:129 Resp: 1409058
Ion Ratio Lower Upper
129 100
127 77.2 38.5 115.5

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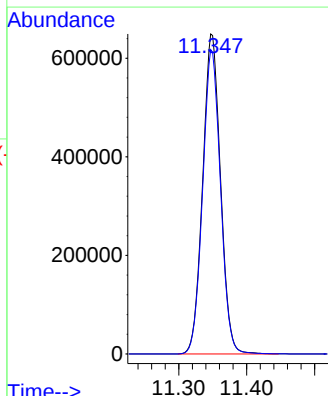
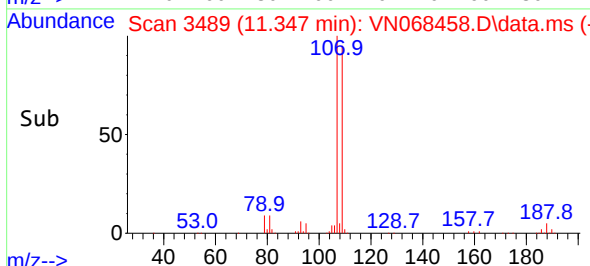
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021

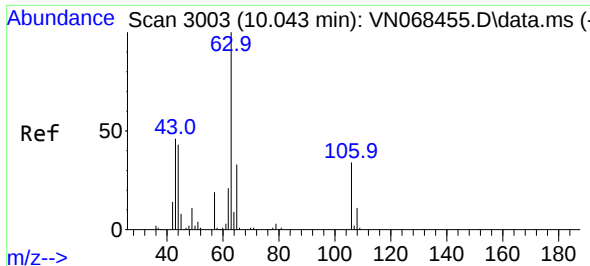


#54
1,2-Dibromoethane
Concen: 151.785 ug/l
RT: 11.347 min Scan# 3489
Delta R.T. 0.000 min
Lab File: VN068458.D
Acq: 13 Sep 2021 15:20



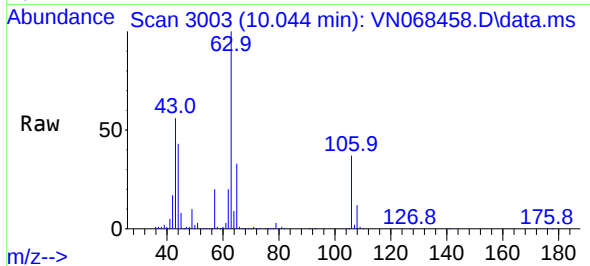
Tgt Ion:107 Resp: 1184148
Ion Ratio Lower Upper
107 100
109 95.0 77.0 115.4





#55
2-Chloroethyl vinyl ether
Concen: 898.993 ug/l
RT: 10.044 min Scan# 3003
Delta R.T. 0.000 min
Lab File: VN068458.D
Acq: 13 Sep 2021 15:20

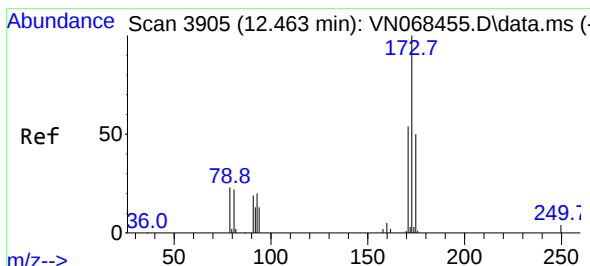
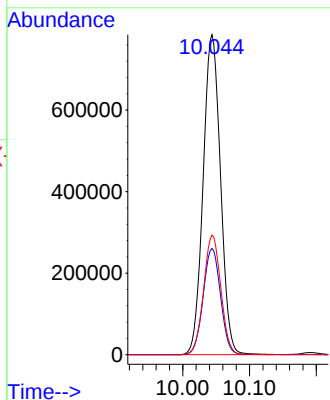
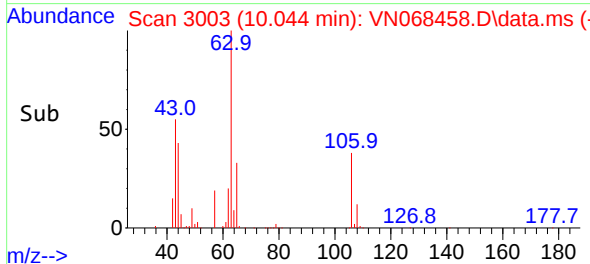
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



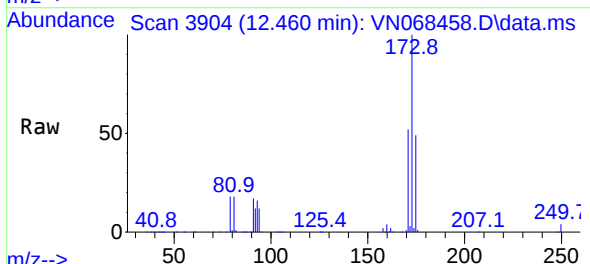
Tgt Ion: 63 Resp: 1421484
Ion Ratio Lower Upper
63 100
65 33.2 26.2 39.2
106 37.0 27.7 41.5

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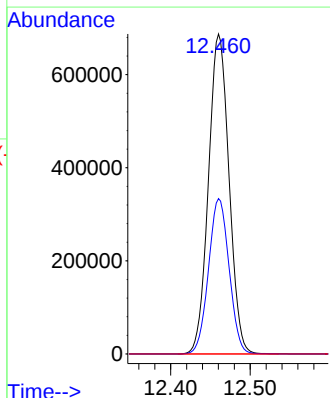
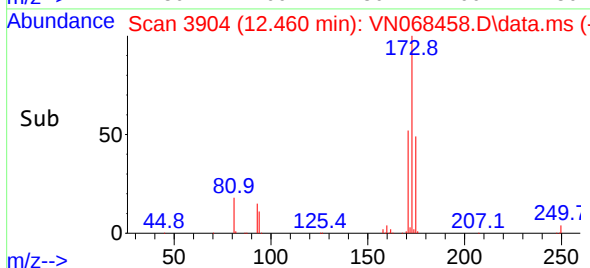
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021

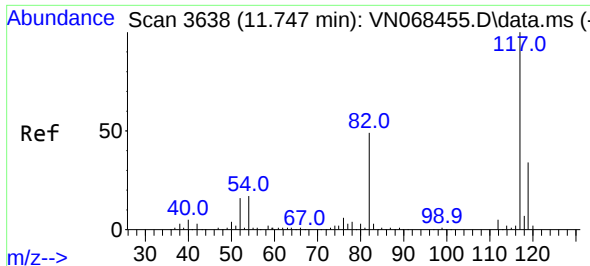


#56
Bromoform
Concen: 171.817 ug/l
RT: 12.460 min Scan# 3904
Delta R.T. -0.003 min
Lab File: VN068458.D
Acq: 13 Sep 2021 15:20



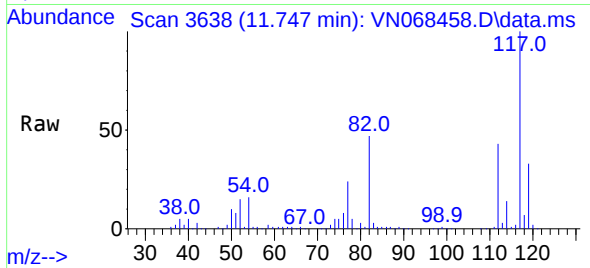
Tgt Ion:173 Resp: 1234467
Ion Ratio Lower Upper
173 100
175 48.6 38.8 58.2
254 0.0 0.0 0.0





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN068458.D
Acq: 13 Sep 2021 15:20

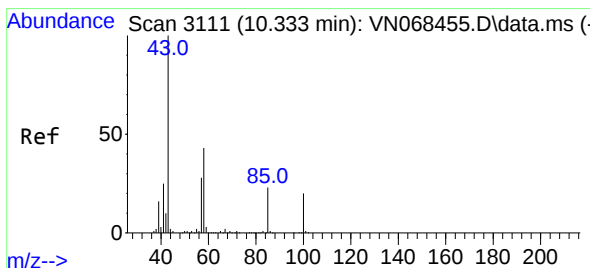
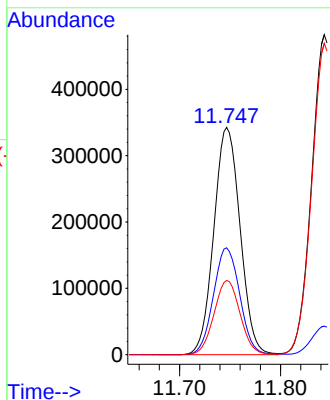
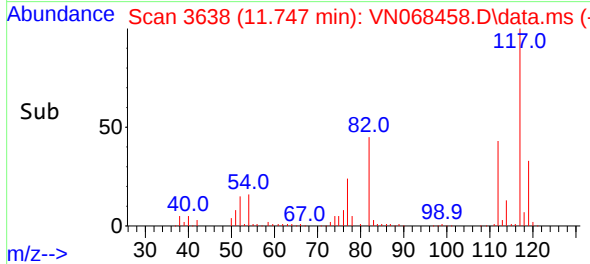
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



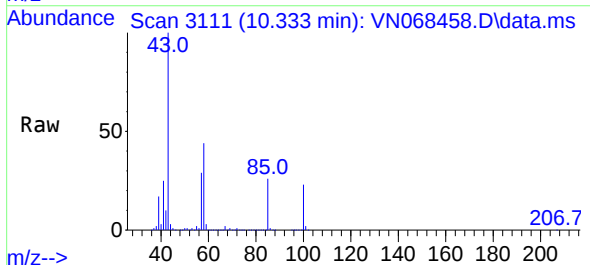
Tgt Ion: 117 Resp: 61888
Ion Ratio Lower Upper
117 100
82 47.2 39.4 59.0
119 32.4 26.2 39.2

Manual Integrations
APPROVED

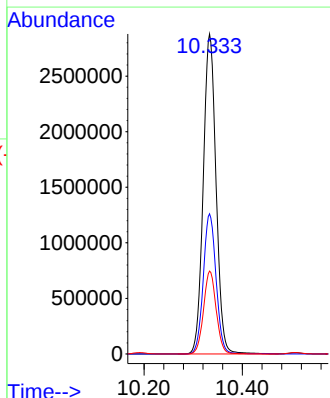
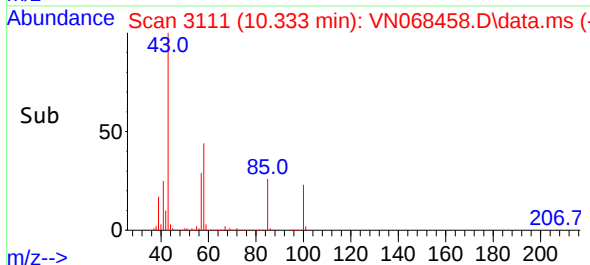
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021

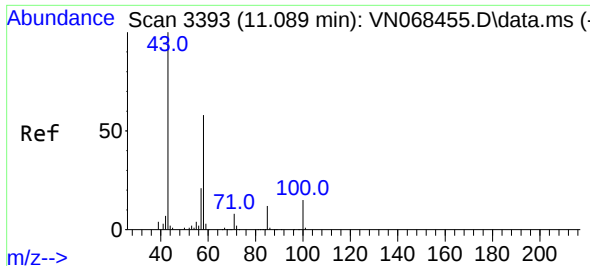


#58
4-Methyl-2-Pentanone
Concen: 713.635 ug/l
RT: 10.333 min Scan# 3111
Delta R.T. 0.000 min
Lab File: VN068458.D
Acq: 13 Sep 2021 15:20



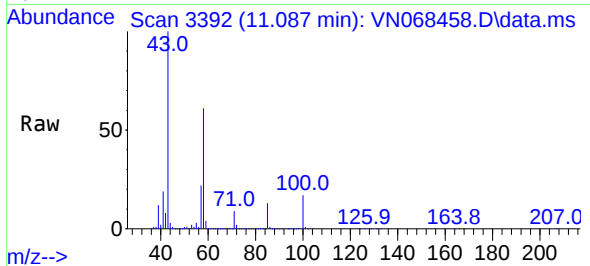
Tgt Ion: 43 Resp: 5199069
Ion Ratio Lower Upper
43 100
58 43.7 33.3 49.9
85 25.6 18.6 27.8





#59
2-Hexanone
Concen: 724.652 ug/l
RT: 11.087 min Scan# 3393
Delta R.T. -0.003 min
Lab File: VN068458.D
Acq: 13 Sep 2021 15:20

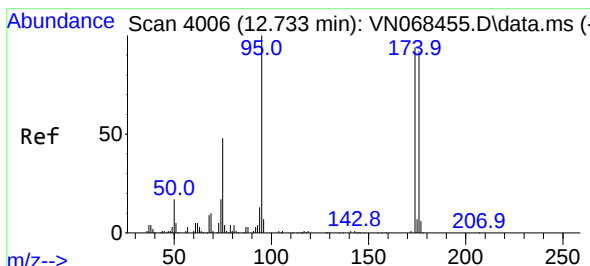
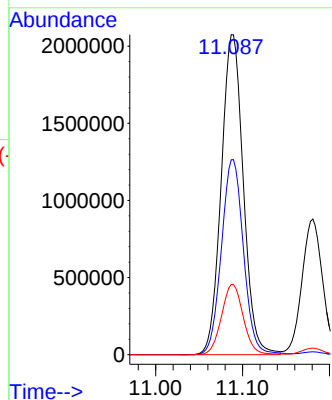
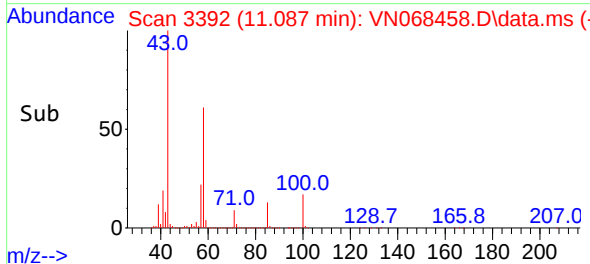
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



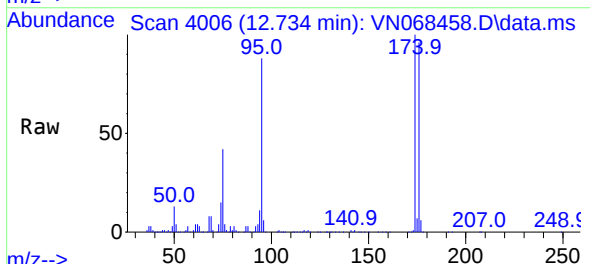
Tgt Ion: 43 Resp: 365889
Ion Ratio Lower Upper
43 100
58 60.9 46.4 69.6
57 21.7 16.6 25.0

Manual Integrations
APPROVED

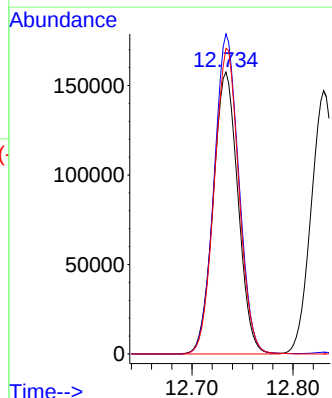
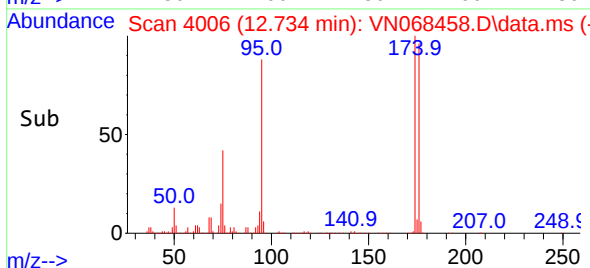
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021

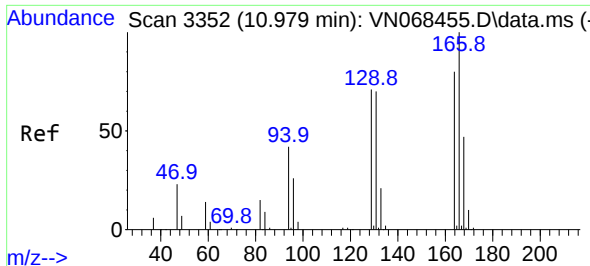


#60
4-Bromofluorobenzene
Concen: 30.543 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN068458.D
Acq: 13 Sep 2021 15:20



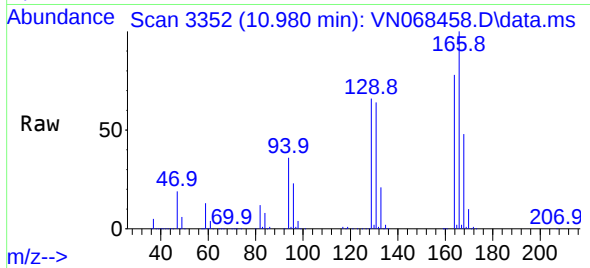
Tgt Ion: 95 Resp: 269422
Ion Ratio Lower Upper
95 100
174 112.6 78.0 117.0
176 107.4 76.4 114.6





#61
Tetrachloroethene
Concen: 144.465 ug/l
RT: 10.980 min Scan# 311
Delta R.T. 0.000 min
Lab File: VN068458.D
Acq: 13 Sep 2021 15:20

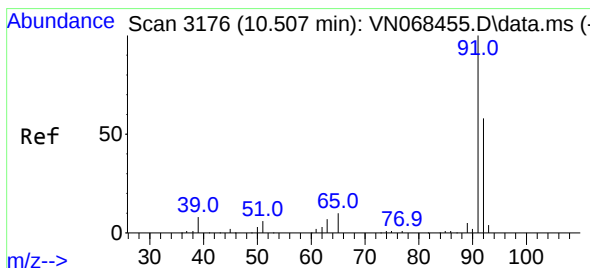
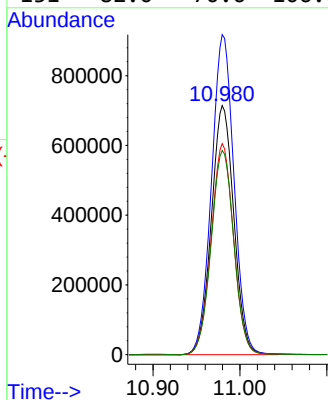
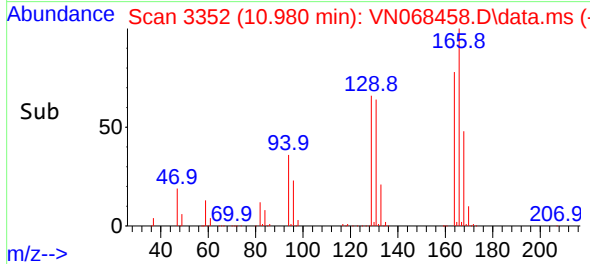
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



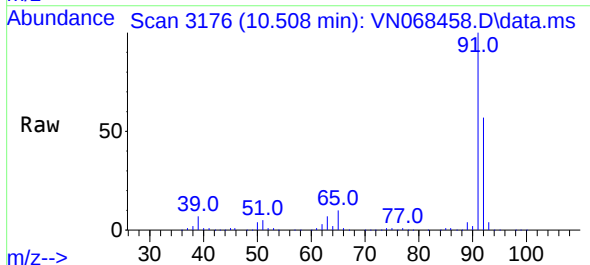
Tgt Ion:164 Resp: 1285530
Ion Ratio Lower Upper
164 100
166 128.5 100.4 150.6
129 84.7 71.4 107.0
131 82.0 70.6 106.0

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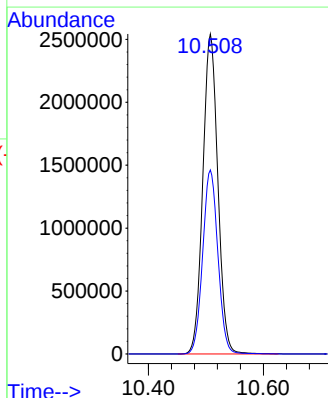
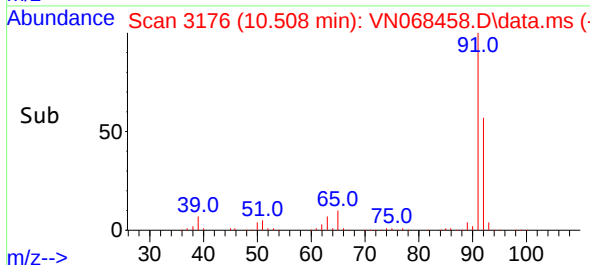
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021

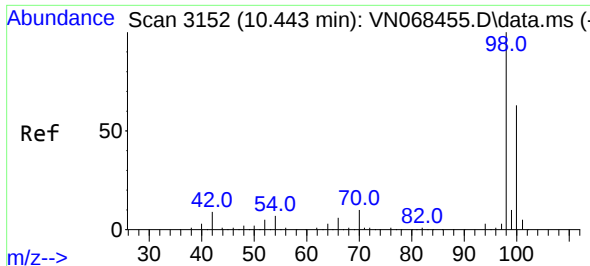


#62
Toluene
Concen: 141.566 ug/l
RT: 10.508 min Scan# 3176
Delta R.T. 0.000 min
Lab File: VN068458.D
Acq: 13 Sep 2021 15:20



Tgt Ion: 91 Resp: 4611194
Ion Ratio Lower Upper
91 100
92 58.1 45.8 68.6





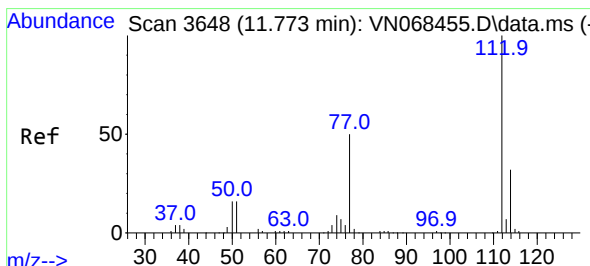
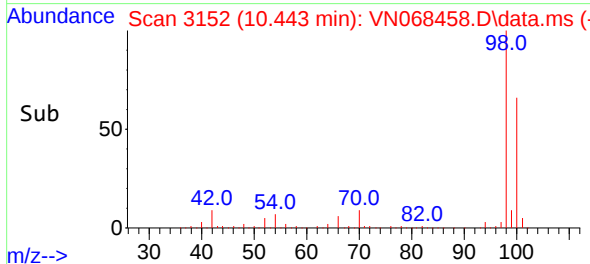
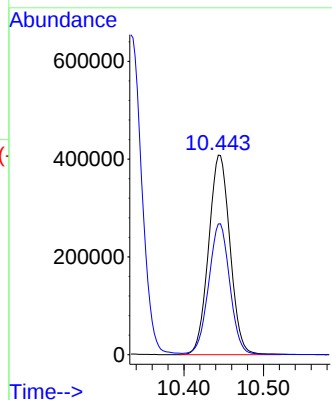
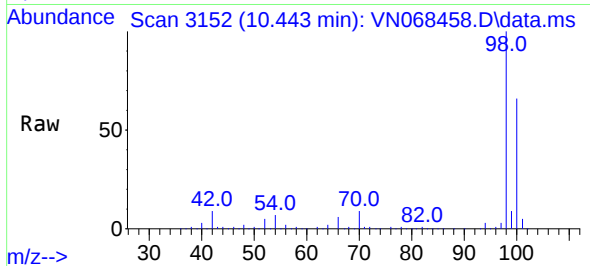
#63
Toluene-d8
Concen: 28.371 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN068458.D
Acq: 13 Sep 2021 15:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Tgt Ion: 98 Resp: 763859
Ion Ratio Lower Upper
98 100
100 64.6 50.9 76.3

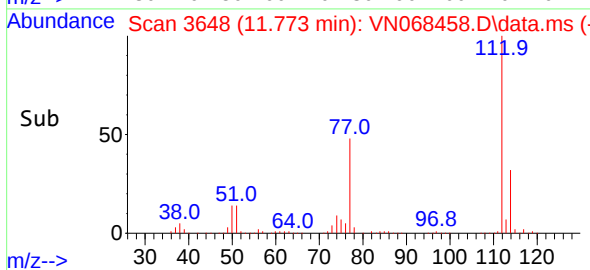
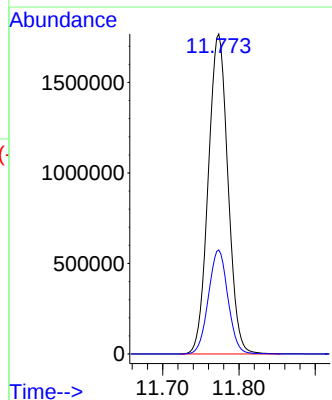
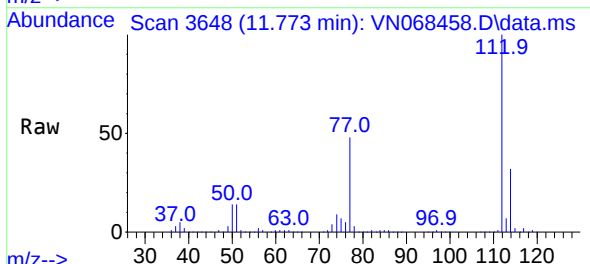
Manual Integrations
APPROVED

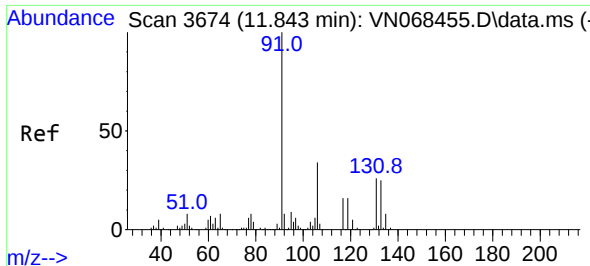
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021



#64
Chlorobenzene
Concen: 147.427 ug/l
RT: 11.773 min Scan# 3648
Delta R.T. 0.000 min
Lab File: VN068458.D
Acq: 13 Sep 2021 15:20

Tgt Ion:112 Resp: 3167201
Ion Ratio Lower Upper
112 100
114 32.5 25.8 38.6





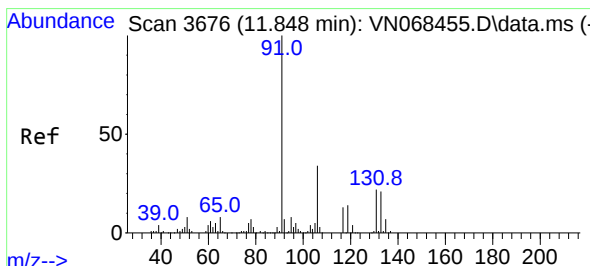
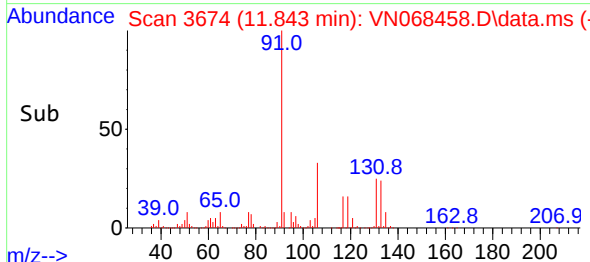
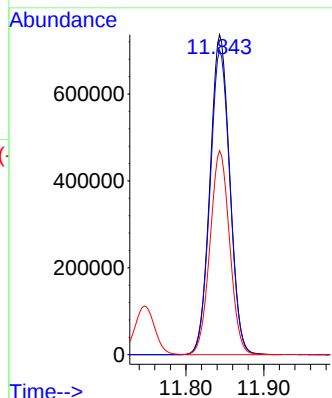
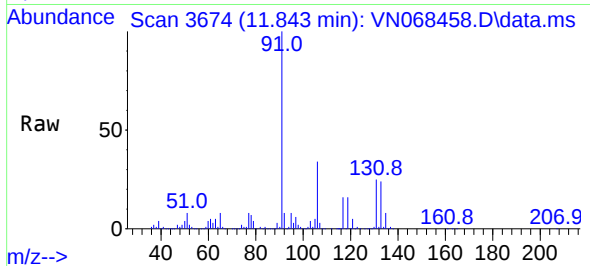
#65
1,1,1,2-Tetrachloroethane
Concen: 148.238 ug/l
RT: 11.843 min Scan# 3674
Delta R.T. 0.000 min
Lab File: VN068458.D
Acq: 13 Sep 2021 15:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion:131 Resp: 1299692
Ion Ratio Lower Upper
131 100
133 95.8 0.0 192.2
119 63.3 0.0 127.0

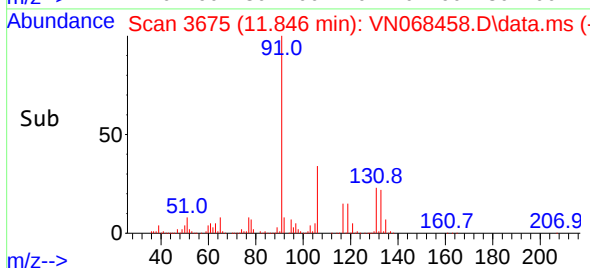
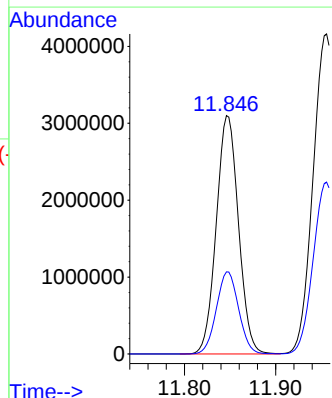
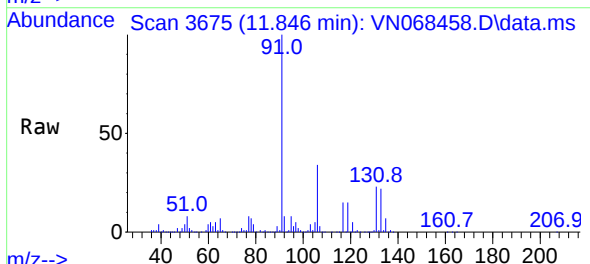
Manual Integrations
APPROVED

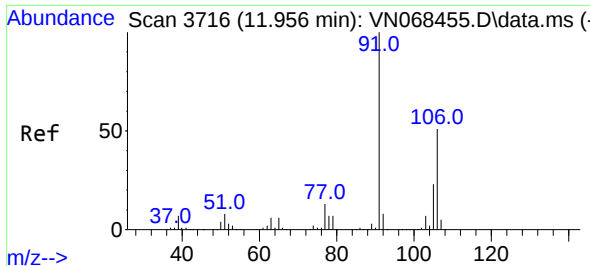
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021



#66
Ethyl Benzene
Concen: 148.162 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. -0.003 min
Lab File: VN068458.D
Acq: 13 Sep 2021 15:20

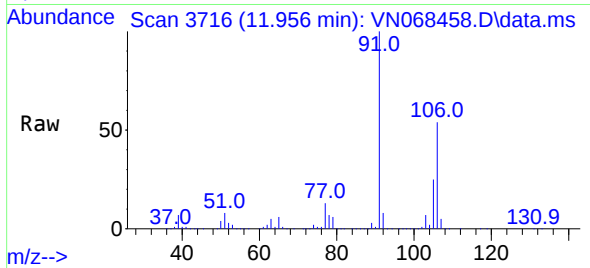
Tgt Ion: 91 Resp: 5244979
Ion Ratio Lower Upper
91 100
106 34.5 27.2 40.8





#67
m/p-Xylenes
Concen: 300.736 ug/l
RT: 11.956 min Scan# 3716
Delta R.T. 0.000 min
Lab File: VN068458.D
Acq: 13 Sep 2021 15:20

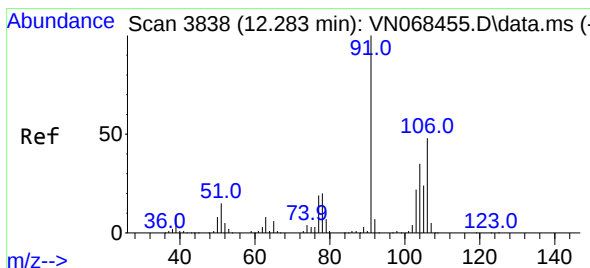
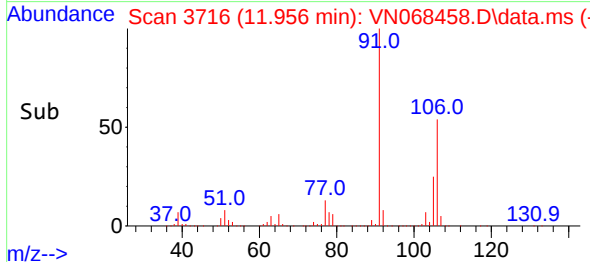
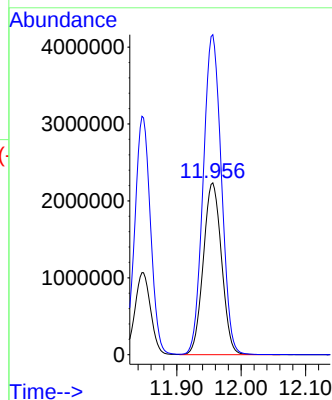
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



Tgt Ion:106 Resp: 4388362
Ion Ratio Lower Upper
106 100
91 186.1 152.7 229.1

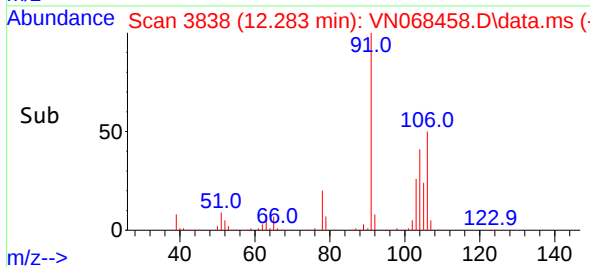
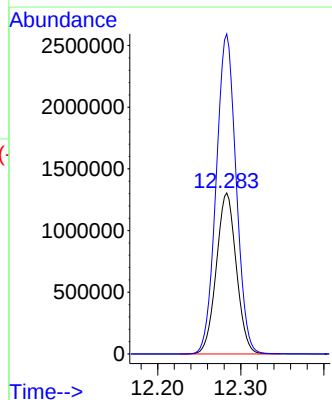
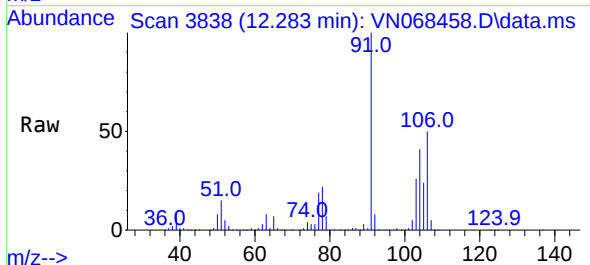
Manual Integrations
APPROVED

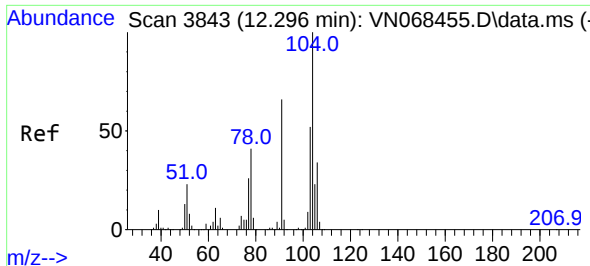
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021



#68
o-Xylene
Concen: 151.432 ug/l
RT: 12.283 min Scan# 3838
Delta R.T. 0.000 min
Lab File: VN068458.D
Acq: 13 Sep 2021 15:20

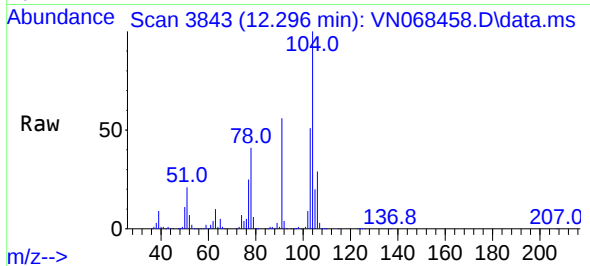
Tgt Ion:106 Resp: 2181701
Ion Ratio Lower Upper
106 100
91 198.7 101.5 304.5





#69
Styrene
Concen: 156.491 ug/l
RT: 12.296 min Scan# 3843
Delta R.T. 0.000 min
Lab File: VN068458.D
Acq: 13 Sep 2021 15:20

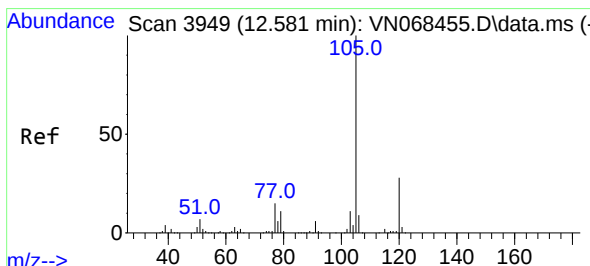
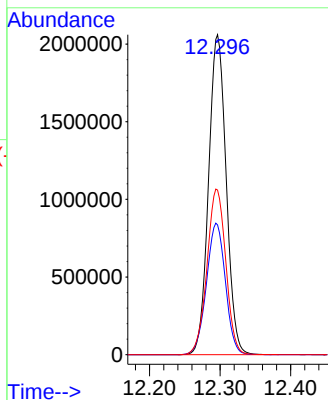
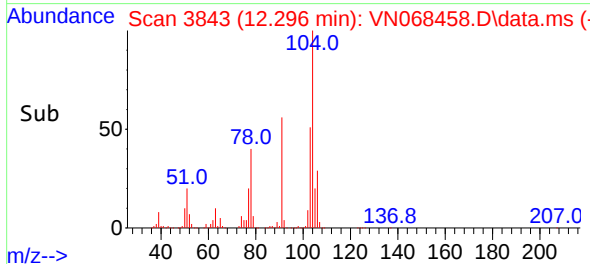
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



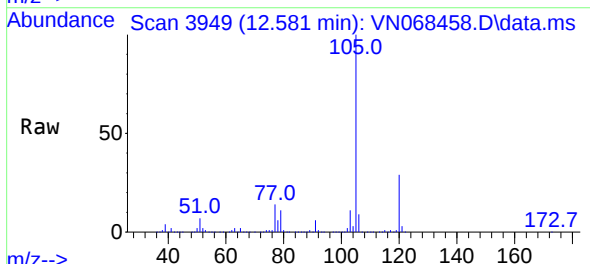
Tgt Ion:104 Resp: 357507
Ion Ratio Lower Upper
104 100
78 44.4 36.5 54.7
103 55.3 43.5 65.3

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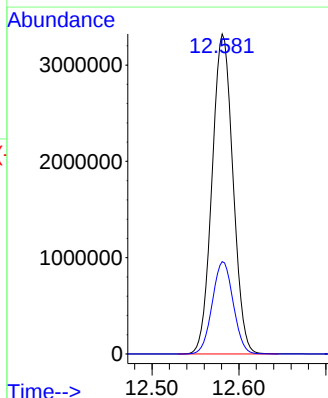
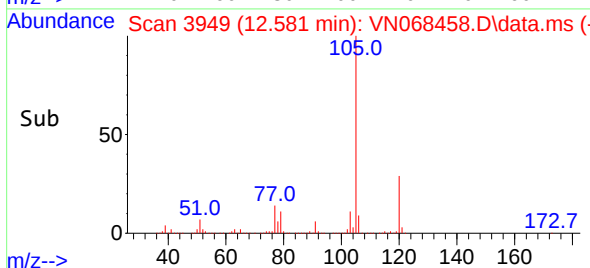
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021

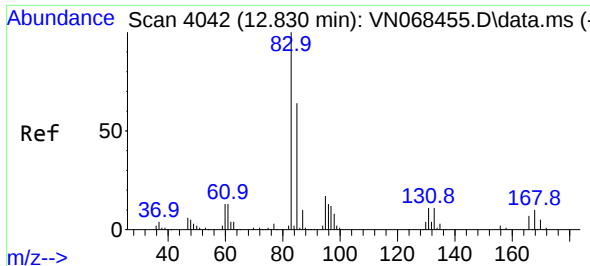


#70
Isopropylbenzene
Concen: 151.715 ug/l
RT: 12.581 min Scan# 3949
Delta R.T. 0.000 min
Lab File: VN068458.D
Acq: 13 Sep 2021 15:20



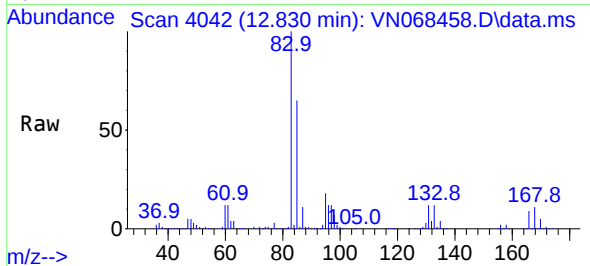
Tgt Ion:105 Resp: 5549742
Ion Ratio Lower Upper
105 100
120 28.9 19.7 36.5





#71
1,1,2,2-Tetrachloroethane
Concen: 145.115 ug/l
RT: 12.830 min Scan# 4042
Delta R.T. 0.000 min
Lab File: VN068458.D
Acq: 13 Sep 2021 15:20

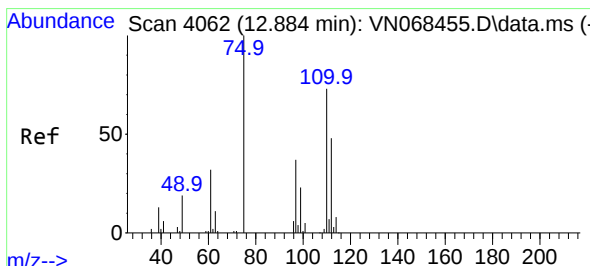
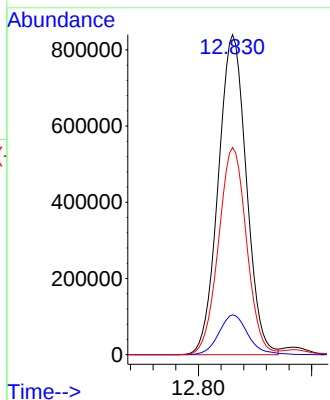
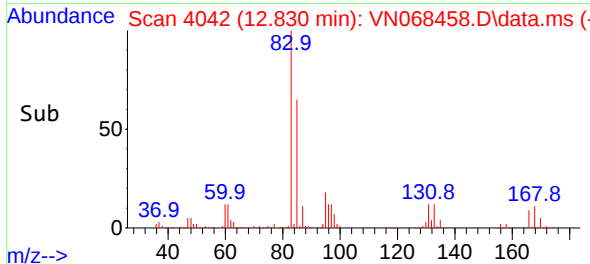
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



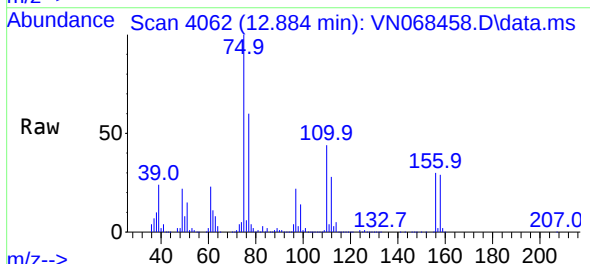
Tgt Ion: 83 Resp: 1444929
Ion Ratio Lower Upper
83 100
131 12.9 5.9 17.7
85 64.7 31.9 95.9

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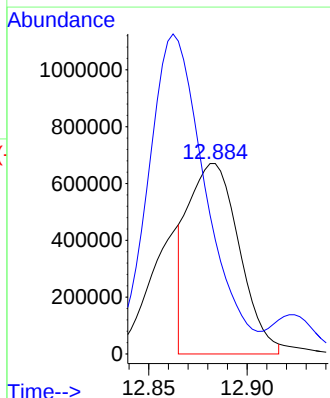
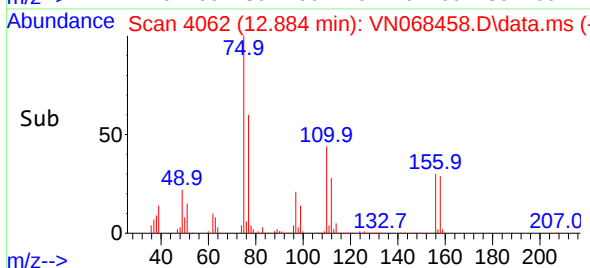
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021

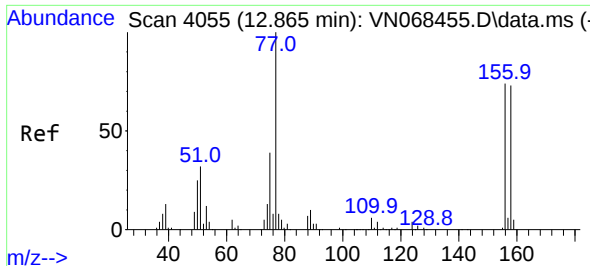


#72
1,2,3-Trichloropropane
Concen: 150.663 ug/l m
RT: 12.884 min Scan# 4062
Delta R.T. 0.000 min
Lab File: VN068458.D
Acq: 13 Sep 2021 15:20



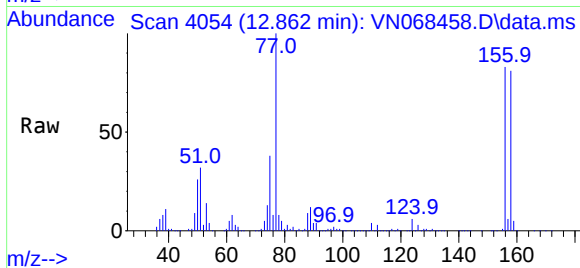
Tgt Ion: 75 Resp: 1206088
Ion Ratio Lower Upper
75 100
77 189.2 0.0 357.6





#73
Bromobenzene
Concen: 157.375 ug/l
RT: 12.862 min Scan# 4055
Delta R.T. -0.003 min
Lab File: VN068458.D
Acq: 13 Sep 2021 15:20

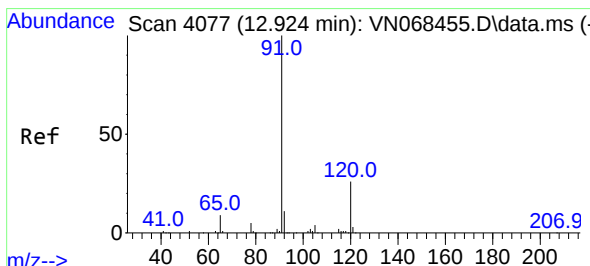
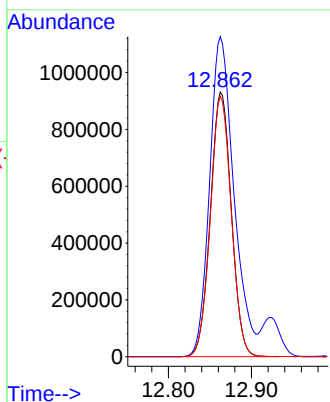
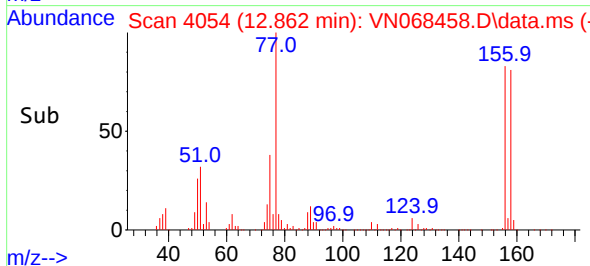
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



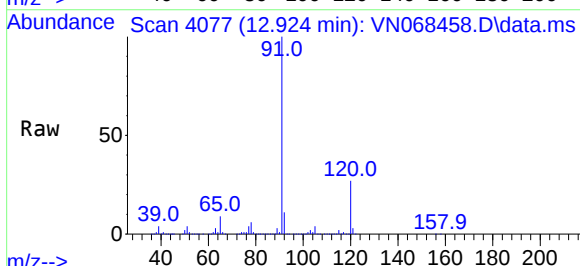
Tgt Ion:156 Resp: 1634210
Ion Ratio Lower Upper
156 100
77 139.6 0.0 318.8
158 98.0 0.0 196.2

Manual Integrations
APPROVED

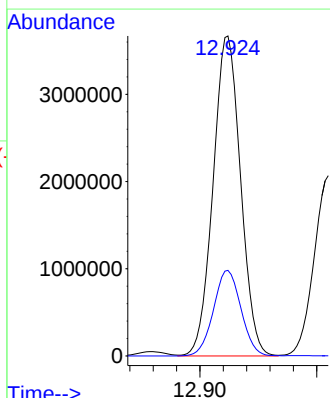
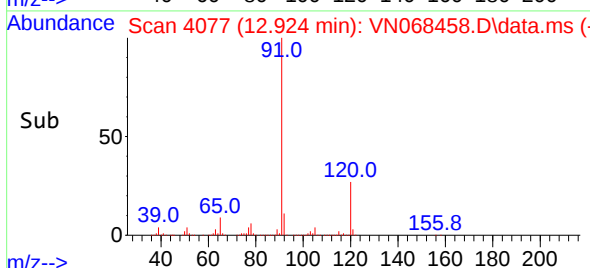
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021

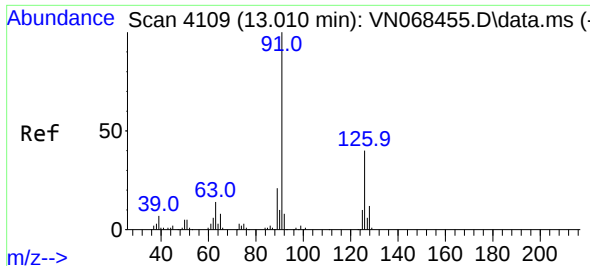


#74
n-propylbenzene
Concen: 151.919 ug/l
RT: 12.924 min Scan# 4077
Delta R.T. 0.000 min
Lab File: VN068458.D
Acq: 13 Sep 2021 15:20



Tgt Ion: 91 Resp: 5993069
Ion Ratio Lower Upper
91 100
120 26.7 0.0 51.6





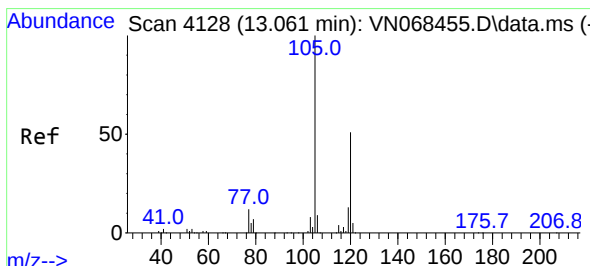
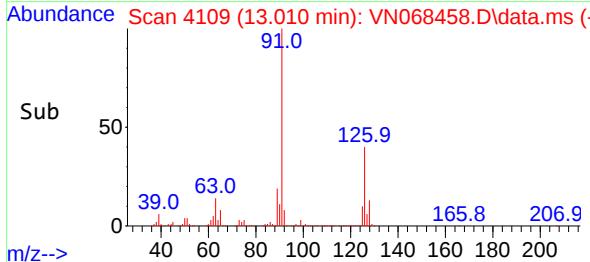
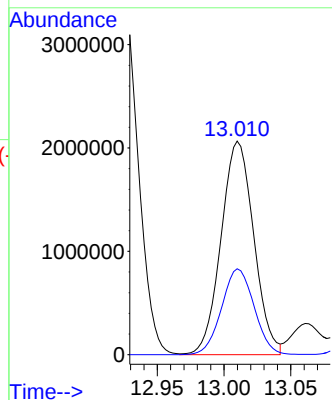
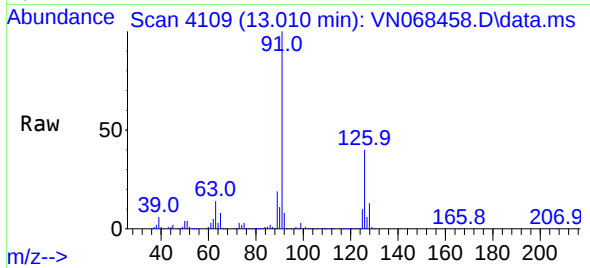
#75
2-Chlorotoluene
Concen: 148.639 ug/l
RT: 13.010 min Scan# 4109
Delta R.T. 0.000 min
Lab File: VN068458.D
Acq: 13 Sep 2021 15:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion: 91 Resp: 3528949
Ion Ratio Lower Upper
91 100
126 40.0 0.0 77.2

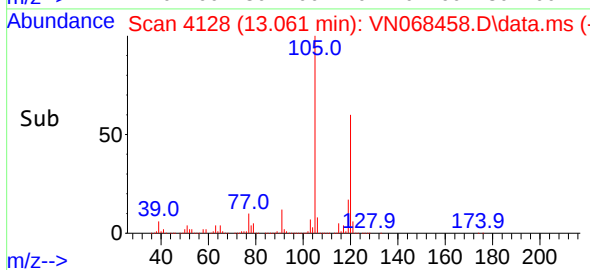
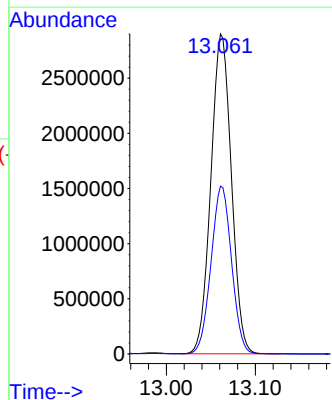
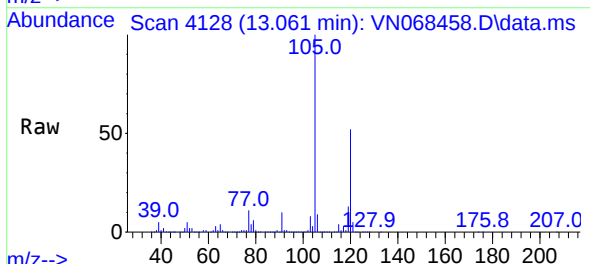
Manual Integrations
APPROVED

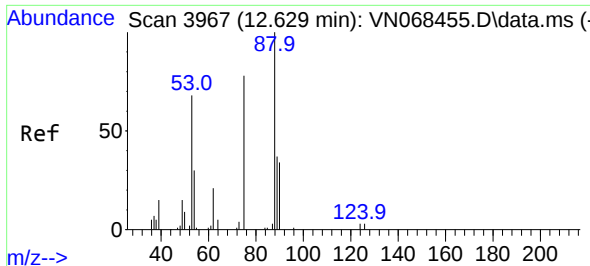
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021



#76
1,3,5-Trimethylbenzene
Concen: 151.777 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. 0.000 min
Lab File: VN068458.D
Acq: 13 Sep 2021 15:20

Tgt Ion:105 Resp: 4635424
Ion Ratio Lower Upper
105 100
120 52.5 0.0 103.4





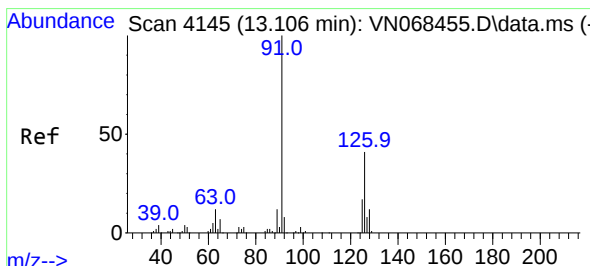
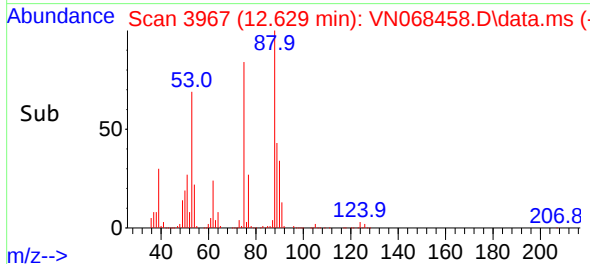
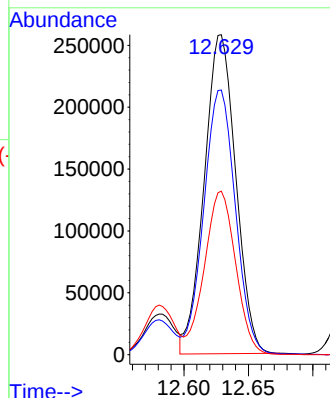
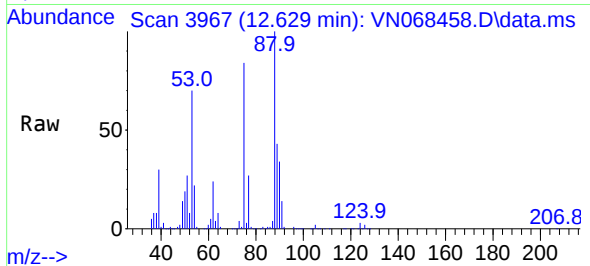
#77
t-1,4-Dichloro-2-butene
Concen: 160.566 ug/l
RT: 12.629 min Scan# 3967
Delta R.T. 0.000 min
Lab File: VN068458.D
Acq: 13 Sep 2021 15:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion: 75 Resp: 439190
Ion Ratio Lower Upper
75 100
53 82.8 43.8 131.4
89 51.3 26.2 78.6

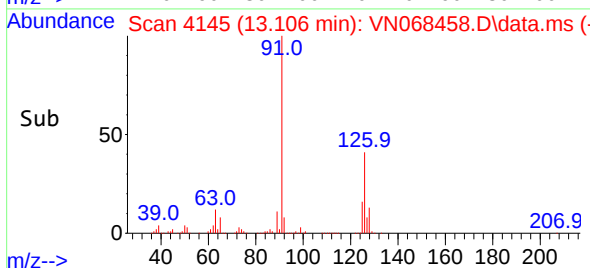
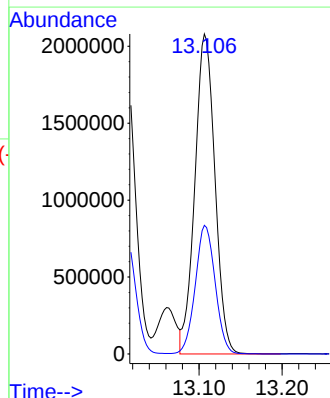
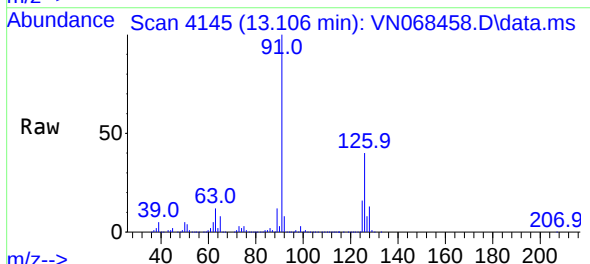
Manual Integrations
APPROVED

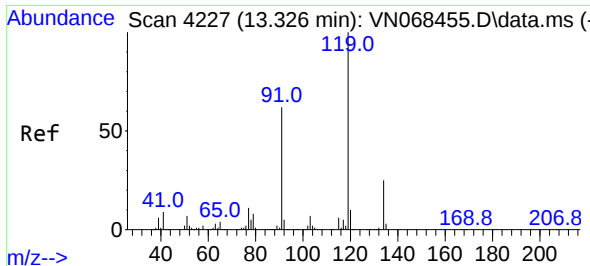
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021



#78
4-Chlorotoluene
Concen: 153.109 ug/l
RT: 13.106 min Scan# 4145
Delta R.T. 0.000 min
Lab File: VN068458.D
Acq: 13 Sep 2021 15:20

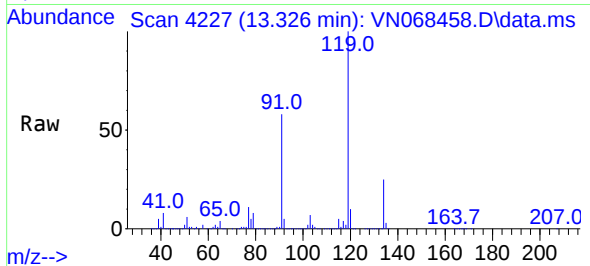
Tgt Ion: 91 Resp: 3488505
Ion Ratio Lower Upper
91 100
126 40.0 0.0 77.8





#79
tert-butylbenzene
Concen: 155.557 ug/l
RT: 13.326 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN068458.D
Acq: 13 Sep 2021 15:20

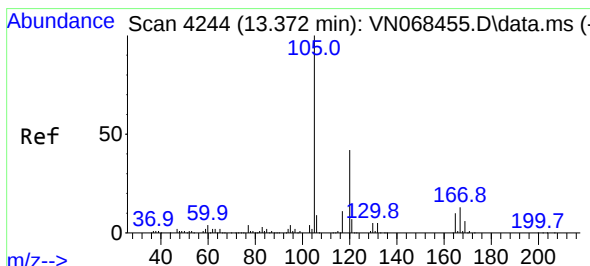
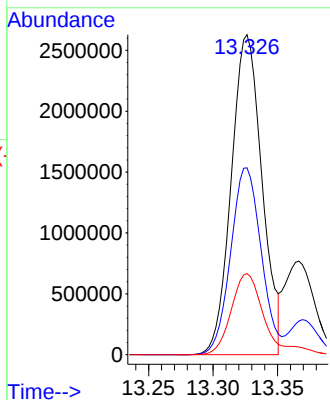
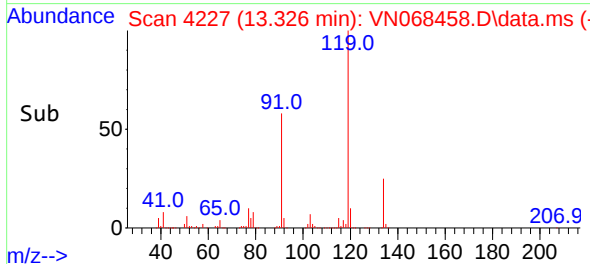
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



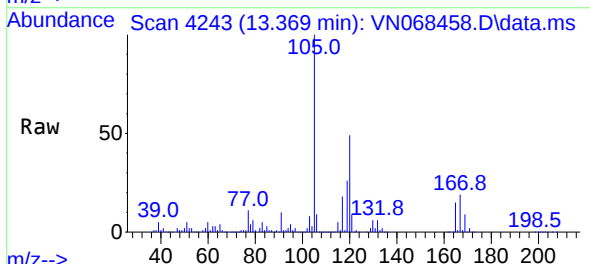
Tgt Ion:119 Resp: 4364640
Ion Ratio Lower Upper
119 100
91 58.1 0.0 120.0
134 25.8 0.0 54.0

Manual Integrations
APPROVED

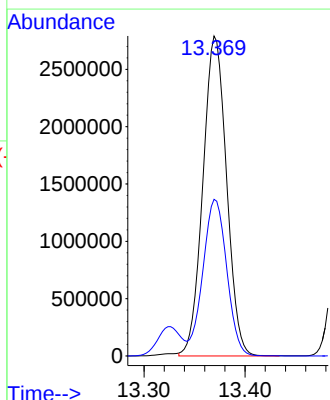
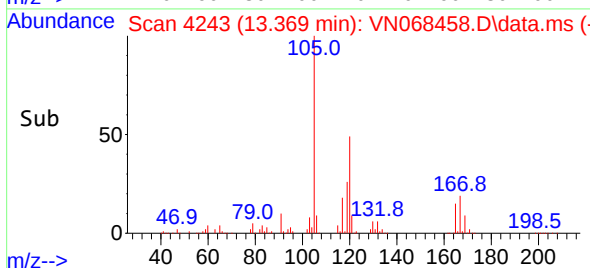
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021

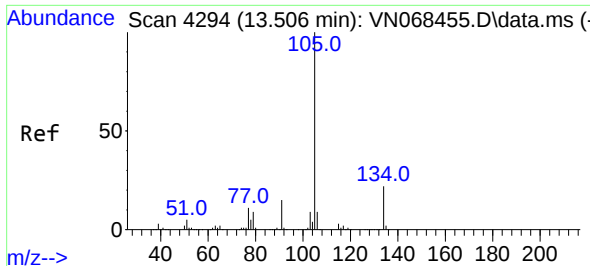


#80
1,2,4-Trimethylbenzene
Concen: 127.150 ug/l m
RT: 13.369 min Scan# 4243
Delta R.T. -0.003 min
Lab File: VN068458.D
Acq: 13 Sep 2021 15:20



Tgt Ion:105 Resp: 4537811
Ion Ratio Lower Upper
105 100
120 0.2 0.0 0.4





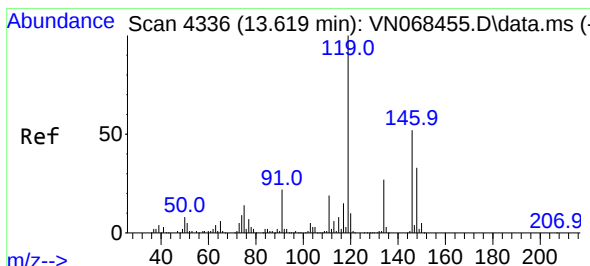
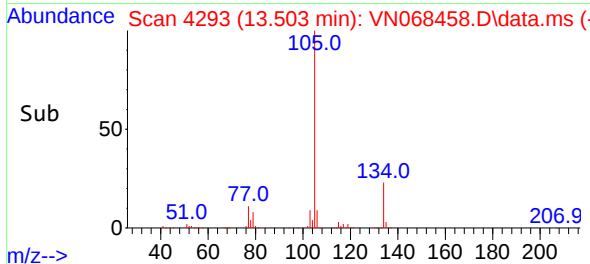
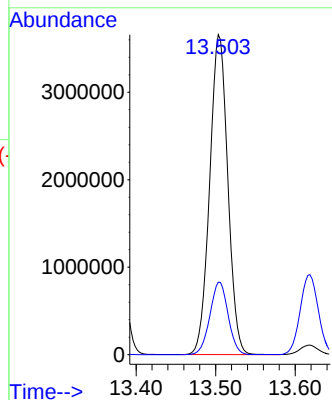
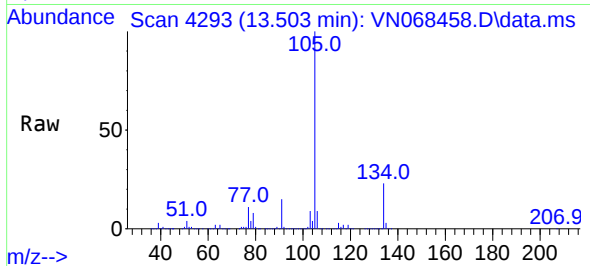
#81
 sec-Butylbenzene
 Concen: 155.807 ug/l
 RT: 13.503 min Scan# 41
 Delta R.T. -0.003 min
 Lab File: VN068458.D
 Acq: 13 Sep 2021 15:20

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tgt Ion:105 Resp: 5778540
 Ion Ratio Lower Upper
 105 100
 134 22.9 0.0 43.8

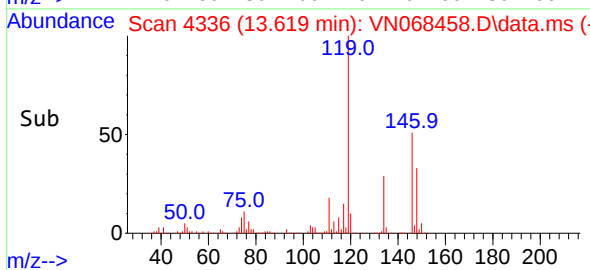
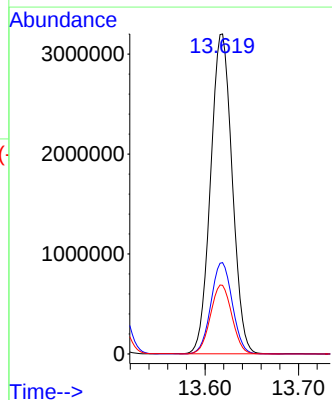
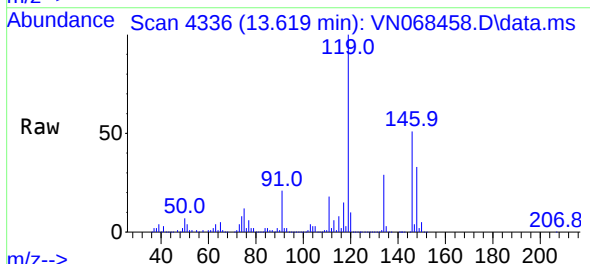
Manual Integrations
 APPROVED

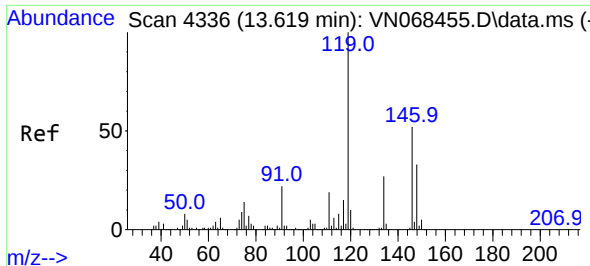
Reviewed By :John Carlone 09/14/2021
 Supervised By :Mahesh Dadoda 09/14/2021



#82
 p-Isopropyltoluene
 Concen: 161.007 ug/l
 RT: 13.619 min Scan# 4336
 Delta R.T. 0.000 min
 Lab File: VN068458.D
 Acq: 13 Sep 2021 15:20

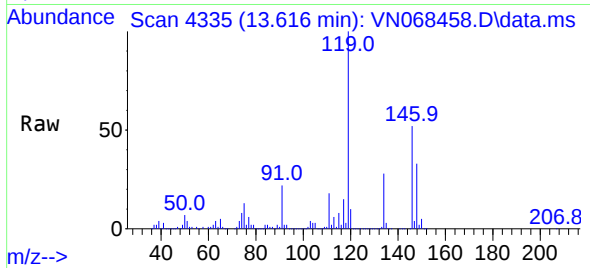
Tgt Ion:119 Resp: 5121839
 Ion Ratio Lower Upper
 119 100
 134 28.4 0.0 55.4
 91 21.4 0.0 44.4





#83
1,3-Dichlorobenzene
Concen: 156.879 ug/l
RT: 13.616 min Scan# 4336
Delta R.T. -0.003 min
Lab File: VN068458.D
Acq: 13 Sep 2021 15:20

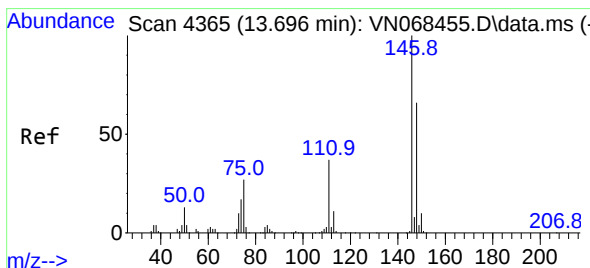
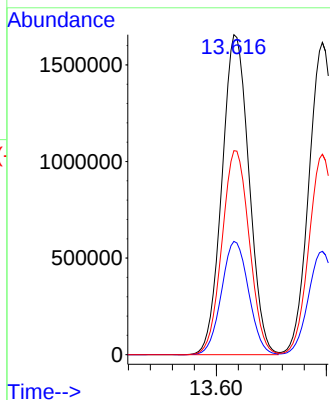
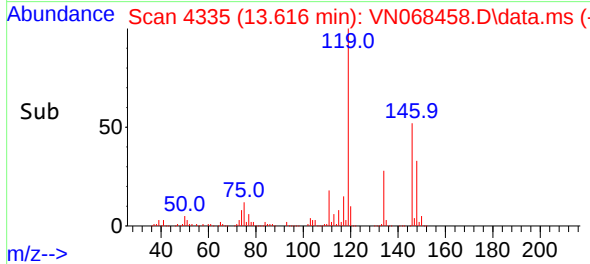
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



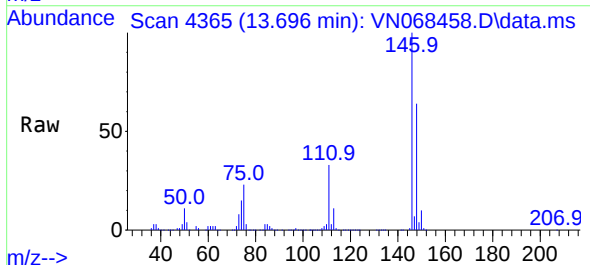
Tgt Ion:146 Resp: 2831639
Ion Ratio Lower Upper
146 100
111 35.5 18.4 55.2
148 64.4 32.0 96.0

Manual Integrations
APPROVED

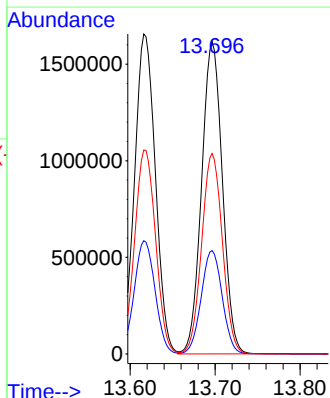
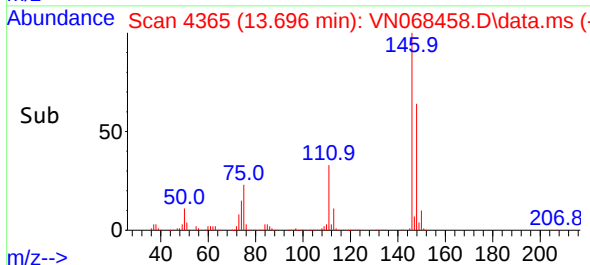
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021

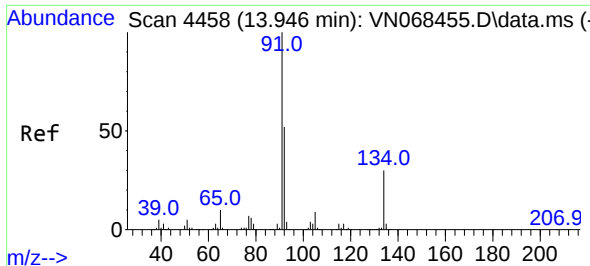


#84
1,4-Dichlorobenzene
Concen: 158.636 ug/l
RT: 13.696 min Scan# 4365
Delta R.T. 0.000 min
Lab File: VN068458.D
Acq: 13 Sep 2021 15:20



Tgt Ion:146 Resp: 2742982
Ion Ratio Lower Upper
146 100
111 33.4 18.2 54.6
148 64.3 32.6 97.7





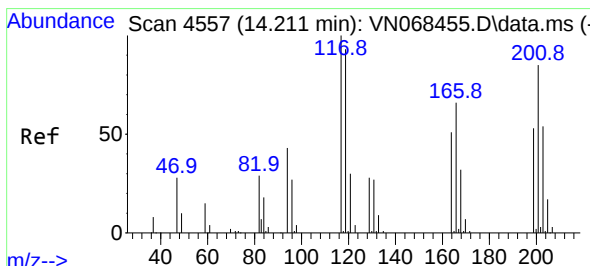
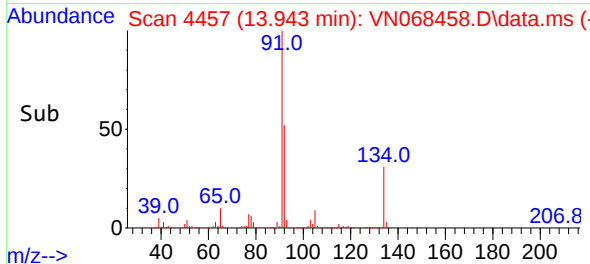
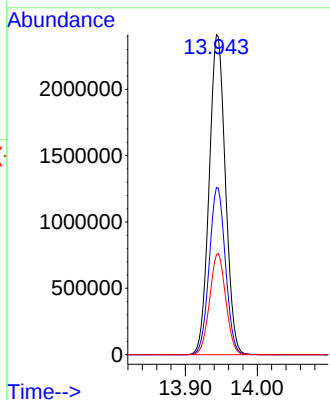
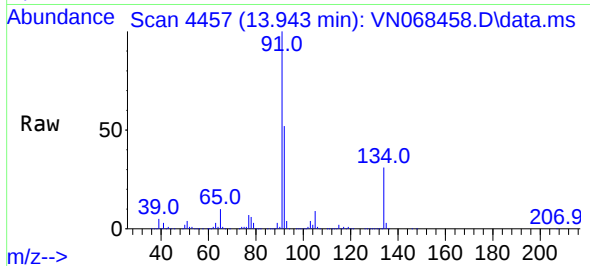
#85
n-Butylbenzene
Concen: 166.943 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. -0.003 min
Lab File: VN068458.D
Acq: 13 Sep 2021 15:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion: 91 Resp: 3777425
Ion Ratio Lower Upper
91 100
92 52.3 0.0 102.4
134 31.5 0.0 58.8

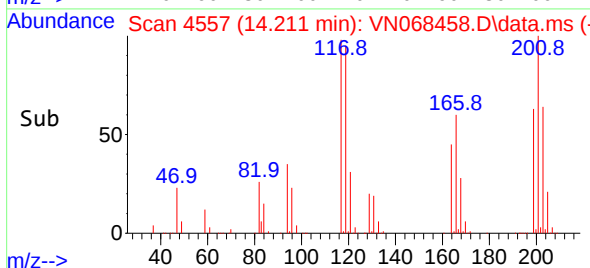
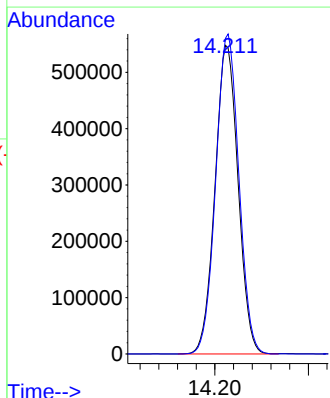
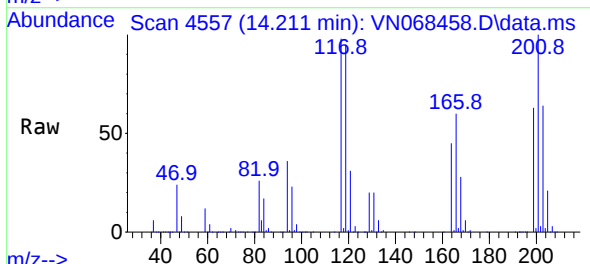
Manual Integrations
APPROVED

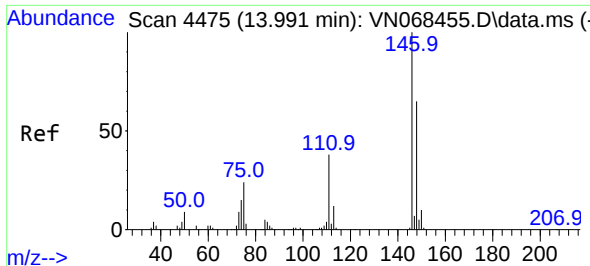
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021



#86
Hexachloroethane
Concen: 160.821 ug/l
RT: 14.211 min Scan# 4557
Delta R.T. 0.000 min
Lab File: VN068458.D
Acq: 13 Sep 2021 15:20

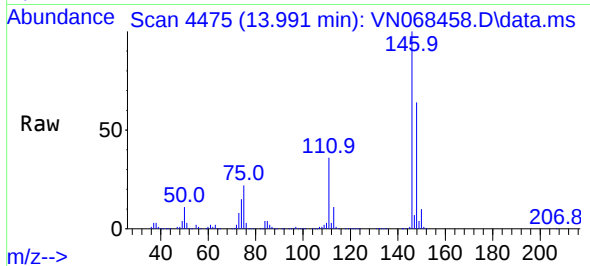
Tgt Ion:117 Resp: 939734
Ion Ratio Lower Upper
117 100
201 103.7 43.6 130.8





#87
1,2-Dichlorobenzene
Concen: 153.901 ug/l
RT: 13.991 min Scan# 4475
Delta R.T. 0.000 min
Lab File: VN068458.D
Acq: 13 Sep 2021 15:20

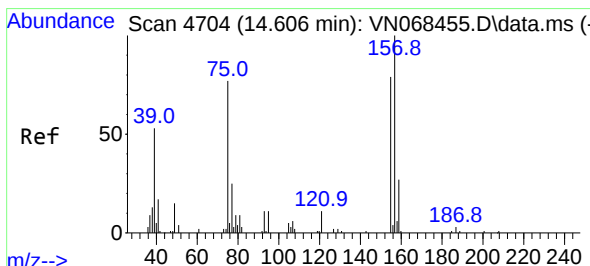
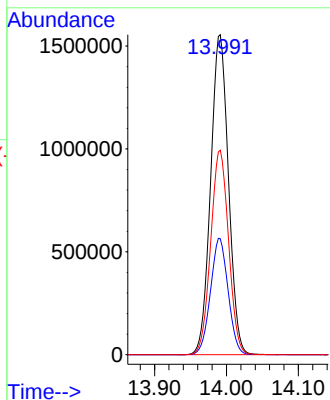
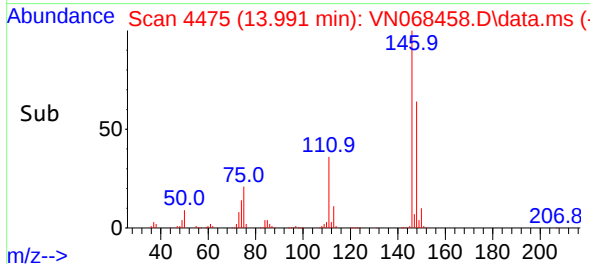
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



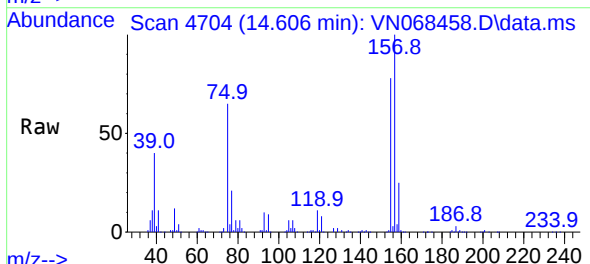
Tgt Ion:146 Resp: 266940
Ion Ratio Lower Upper
146 100
111 36.0 18.6 56.0
148 64.3 31.9 95.5

Manual Integrations
APPROVED

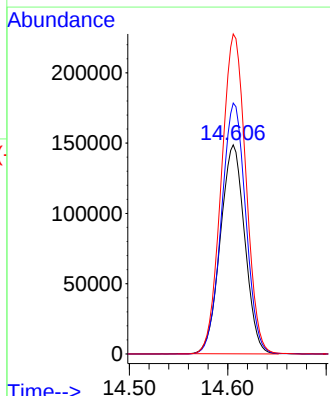
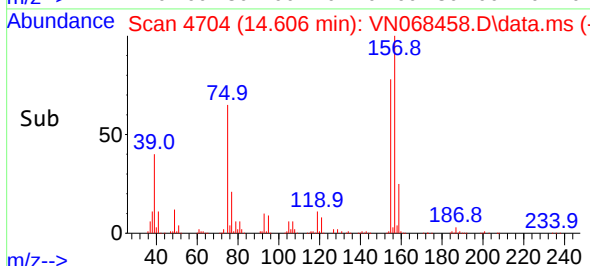
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021

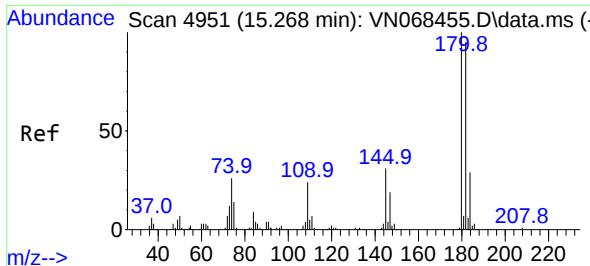


#88
1,2-Dibromo-3-Chloropropane
Concen: 152.122 ug/l
RT: 14.606 min Scan# 4704
Delta R.T. 0.000 min
Lab File: VN068458.D
Acq: 13 Sep 2021 15:20



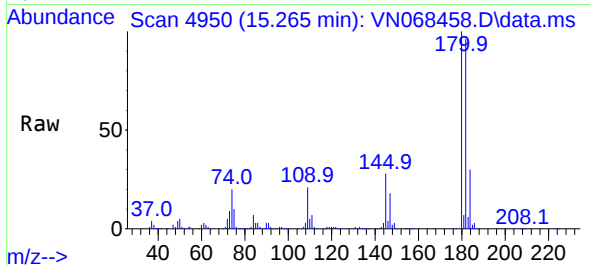
Tgt Ion: 75 Resp: 256129
Ion Ratio Lower Upper
75 100
155 119.7 83.3 124.9
157 154.0 104.9 157.3





#89
1,2,4-Trichlorobenzene
Concen: 179.845 ug/l
RT: 15.265 min Scan# 4951
Delta R.T. -0.003 min
Lab File: VN068458.D
Acq: 13 Sep 2021 15:20

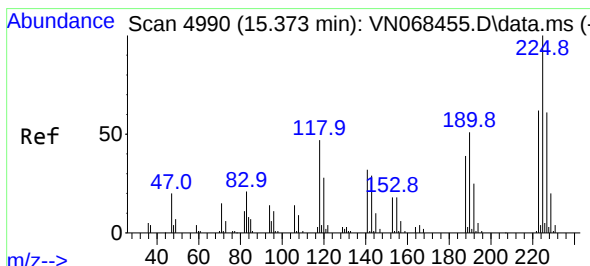
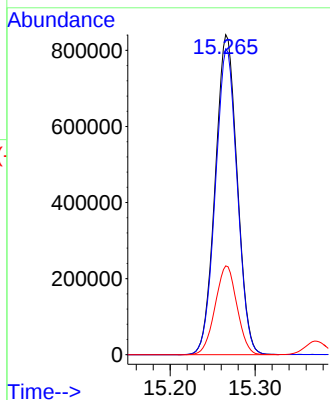
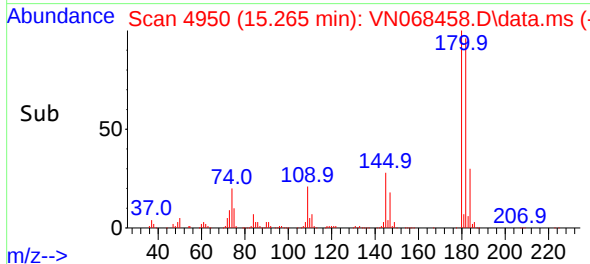
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



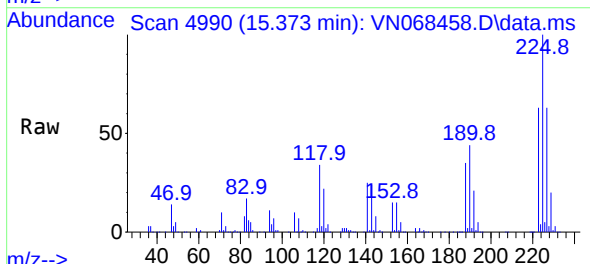
Tgt Ion:180 Resp: 1507164
Ion Ratio Lower Upper
180 100
182 95.3 77.0 115.4
145 27.7 24.6 36.8

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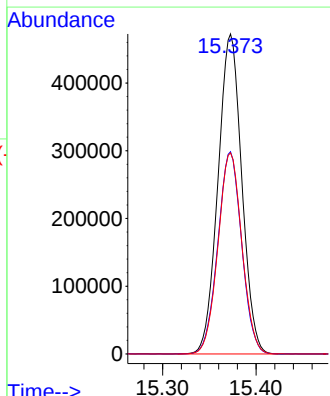
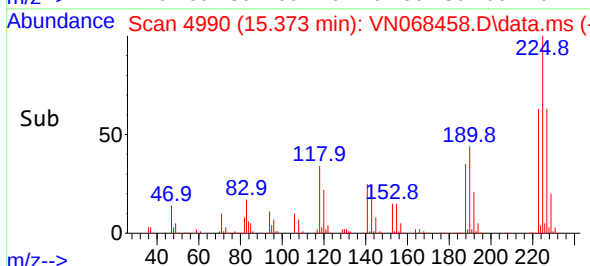
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021

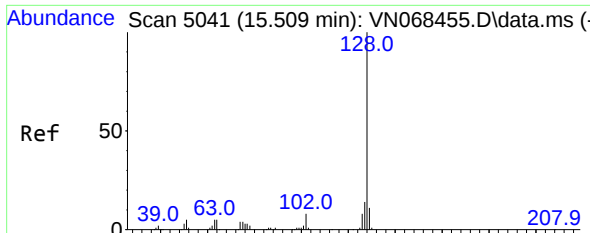


#90
Hexachlorobutadiene
Concen: 157.678 ug/l
RT: 15.373 min Scan# 4990
Delta R.T. 0.000 min
Lab File: VN068458.D
Acq: 13 Sep 2021 15:20



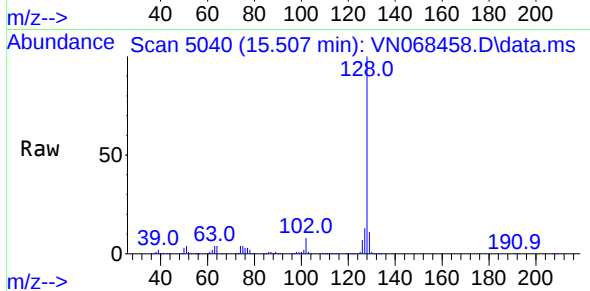
Tgt Ion:225 Resp: 835729
Ion Ratio Lower Upper
225 100
223 63.3 0.0 128.4
227 63.2 0.0 127.8





#91
Naphthalene
Concen: 183.553 ug/l
RT: 15.507 min Scan# 5041
Delta R.T. -0.003 min
Lab File: VN068458.D
Acq: 13 Sep 2021 15:20

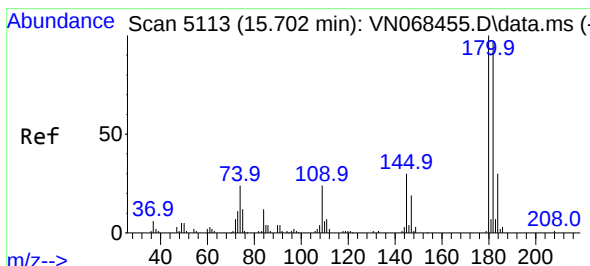
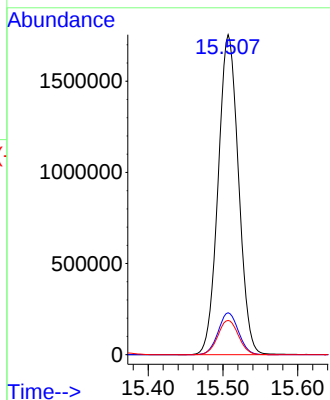
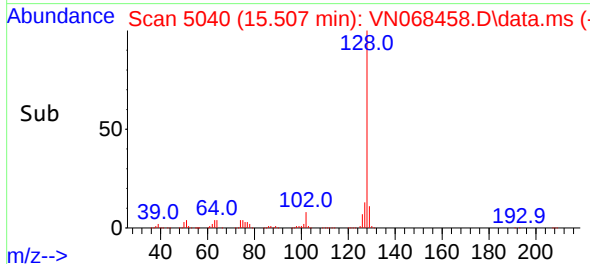
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



Tgt Ion:128 Resp: 3318334
Ion Ratio Lower Upper
128 100
127 13.1 10.6 15.8
129 10.9 8.8 13.2

Manual Integrations
APPROVED

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



#92
1,2,3-Trichlorobenzene
Concen: 175.199 ug/l
RT: 15.703 min Scan# 5113
Delta R.T. 0.000 min
Lab File: VN068458.D
Acq: 13 Sep 2021 15:20

Tgt Ion:180 Resp: 1382710
Ion Ratio Lower Upper
180 100
182 95.6 0.0 191.2
145 29.4 0.0 61.8

