

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112621\
 Data File : VN069656.D
 Acq On : 26 Nov 2021 14:01
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/29/2021
 Supervised By : Mahesh Dadoda 11/29/2021

Quant Time: Nov 29 00:17:52 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N111021W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Nov 10 14:36:17 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.662	128	185139	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.968	114	1059067	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.744	117	961490	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.440	65	512901	31.943	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 106.467%			
60) 4-Bromofluorobenzene	12.731	95	457143	29.711	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 99.033%			
63) Toluene-d8	10.440	98	1359519	30.623	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 102.067%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.075	85	303797	22.206	ug/l	99
3) Chloromethane	2.306	50	327674	22.972	ug/l	95
4) Vinyl Chloride	2.448	62	312753	21.624	ug/l	99
5) Bromomethane	2.861	94	178584	19.279	ug/l	97
6) Chloroethane	3.025	64	188161	20.620	ug/l	99
7) Trichlorofluoromethane	3.379	101	410549	19.366	ug/l	95
8) Diethyl Ether	3.824	74	152861	22.843	ug/l	80
9) 1,1,2-Trichlorotrifluo...	4.210	101	222601m	22.692	ug/l	
10) 1,1-Dichloroethene	4.181	96	202760	21.915	ug/l	87
11) Methyl Iodide	4.422	142	284091	22.038	ug/l	96
12) Methyl Acetate	4.857	43	618278	23.204	ug/l #	88
13) Acrolein	4.044	56	84654	115.554	ug/l	95
14) Acrylonitrile	5.557	53	827816	113.876	ug/l	99
15) Acetone	4.291	58	235237	97.115	ug/l	80
16) Carbon Disulfide	4.529	76	474145	20.502	ug/l	99
17) Allyl chloride	4.846	41	450002m	22.884	ug/l	
18) Methylene Chloride	5.098	84	261192	22.160	ug/l	89
19) trans-1,2-Dichloroethene	5.599	96	221401	21.807	ug/l	85
20) Diisopropyl ether	6.498	45	945417	22.437	ug/l #	95
21) 1,1-Dichloroethane	6.388	63	482839	22.587	ug/l	98
22) cis-1,2-Dichloroethene	7.327	96	272653	21.652	ug/l	91
23) tert-Butyl Alcohol	5.380	59	256405	101.348	ug/l #	100
24) Methyl tert-Butyl Ether	5.621	73	824594	22.239	ug/l	95
25) Chloroform	7.817	83	489068	22.127	ug/l	100
26) Cyclohexane	8.096	56	448827	22.115	ug/l #	85
29) 1,1-Dichloropropene	8.222	75	350754	21.696	ug/l	96
30) 2-Butanone	7.337	43	1258196	107.521	ug/l	92
31) 2,2-Dichloropropane	7.327	77	360651	21.102	ug/l	97
32) 1,1,1-Trichloroethane	8.013	97	412511	21.857	ug/l	96
33) Carbon Tetrachloride	8.206	117	337245	21.635	ug/l	98
34) Benzene	8.461	78	1065461	21.672	ug/l #	95
35) Methacrylonitrile	7.638	41	238281	22.202	ug/l	89
36) 1,2-Dichloroethane	8.531	62	434604	22.930	ug/l	99
37) Trichloroethene	9.217	130	249652	21.019	ug/l	90
38) Methylcyclohexane	9.459	83	418330	20.915	ug/l	89
39) 1,2-Dichloropropane	9.491	63	287157	22.054	ug/l	99
40) Dibromomethane	9.577	93	188418	21.607	ug/l	96
41) Bromodichloromethane	9.762	83	354114	21.635	ug/l	95
42) Vinyl Acetate	6.436	43	3652149m	110.438	ug/l	

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Instrument :
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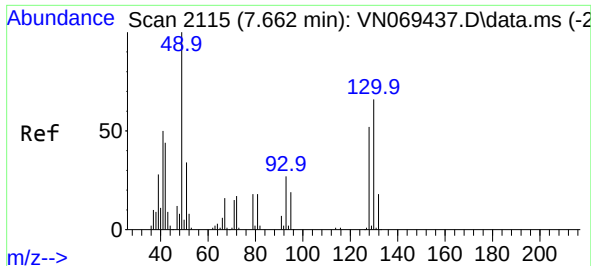
Manual Integrations
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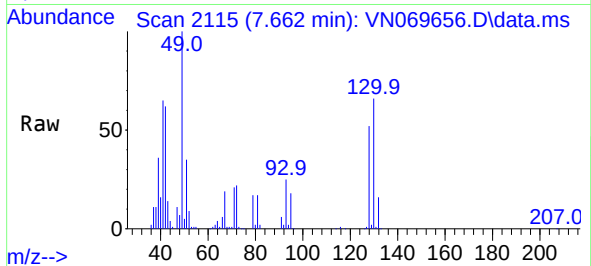
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.415	43	493706	22.766	ug/l	94
44) Isopropyl Acetate	8.563	43	743578	21.993	ug/l	96
45) 1,4-Dioxane	9.569	88	110637	403.127	ug/l	91
46) Methyl methacrylate	9.561	41	342145	21.973	ug/l	84
47) n-amyl Acetate	12.390	43	461911	17.792	ug/l	100
48) t-1,3-Dichloropropene	10.719	75	356727	20.308	ug/l	98
49) cis-1,3-Dichloropropene	10.191	75	402627	21.064	ug/l	94
50) 1,1,2-Trichloroethane	10.899	97	267105	21.570	ug/l	98
51) Ethyl methacrylate	10.762	69	428168	20.623	ug/l	91
52) 1,3-Dichloropropane	11.047	76	470104	21.978	ug/l	98
53) Dibromochloromethane	11.240	129	238614	20.165	ug/l	100
54) 1,2-Dibromoethane	11.347	107	267732	20.876	ug/l	96
55) 2-Chloroethyl vinyl ether	10.043	63	1014985	214.923	ug/l	96
56) Bromoform	12.457	173	166270	19.594	ug/l #	98
58) 4-Methyl-2-Pentanone	10.330	43	2470718	117.065	ug/l	94
59) 2-Hexanone	11.087	43	1751526	109.101	ug/l	95
61) Tetrachloroethene	10.977	164	238434	23.105	ug/l	95
62) Toluene	10.505	91	1147131	21.711	ug/l	98
64) Chlorobenzene	11.771	112	679928	21.449	ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.840	131	243448	21.814	ug/l	99
66) Ethyl Benzene	11.846	91	1253133	21.428	ug/l	100
67) m/p-Xylenes	11.953	106	919783	42.345	ug/l	95
68) o-Xylene	12.280	106	456205	20.976	ug/l	94
69) Styrene	12.294	104	717849	20.359	ug/l	97
70) Isopropylbenzene	12.581	105	1193606	20.985	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.827	83	400948	21.363	ug/l	99
72) 1,2,3-Trichloropropane	12.881	75	374004m	20.456	ug/l	
73) Bromobenzene	12.862	156	272704	20.799	ug/l	92
74) n-propylbenzene	12.921	91	1321795	20.235	ug/l	99
75) 2-Chlorotoluene	13.007	91	826059	20.773	ug/l	95
76) 1,3,5-Trimethylbenzene	13.058	105	966001	20.692	ug/l	99
77) t-1,4-Dichloro-2-butene	12.626	75	89138	18.061	ug/l	78
78) 4-Chlorotoluene	13.106	91	763453	20.048	ug/l	95
79) tert-butylbenzene	13.324	119	840274	20.461	ug/l	100
80) 1,2,4-Trimethylbenzene	13.369	105	937428m	20.585	ug/l	
81) sec-Butylbenzene	13.503	105	1141355	19.864	ug/l	100
82) p-Isopropyltoluene	13.616	119	912255	19.898	ug/l	100
83) 1,3-Dichlorobenzene	13.616	146	450876	20.113	ug/l	99
84) 1,4-Dichlorobenzene	13.696	146	432918	19.907	ug/l	100
85) n-Butylbenzene	13.943	91	696015	18.190	ug/l	99
86) Hexachloroethane	14.211	117	146397	19.295	ug/l	89
87) 1,2-Dichlorobenzene	13.989	146	444123	20.528	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.606	75	66851	20.347	ug/l	98
89) 1,2,4-Trichlorobenzene	15.263	180	185523	17.884	ug/l	97
90) Hexachlorobutadiene	15.370	225	120654	21.508	ug/l	98
91) Naphthalene	15.509	128	487712	16.321	ug/l	99
92) 1,2,3-Trichlorobenzene	15.700	180	186774	18.315	ug/l	98

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



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.662 min Scan# 2115
Delta R.T. -0.000 min
Lab File: VN069656.D
Acq: 26 Nov 2021 14:01

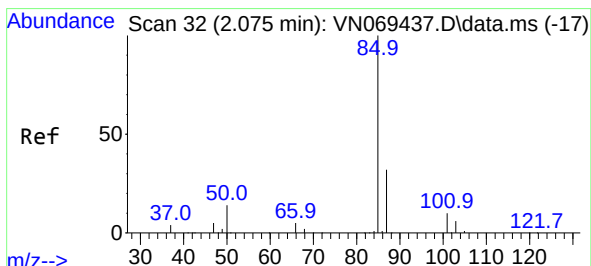
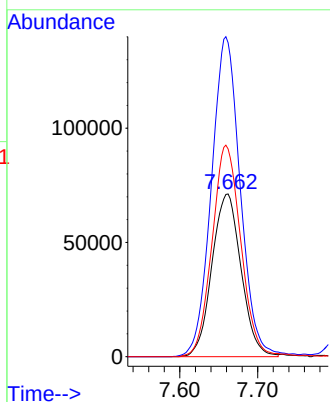
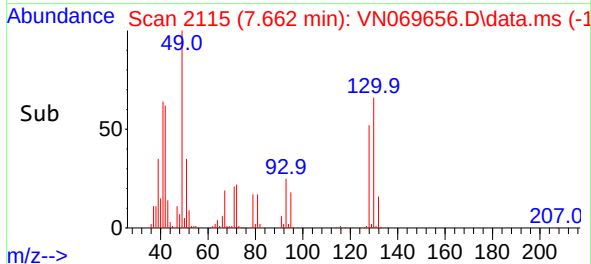
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



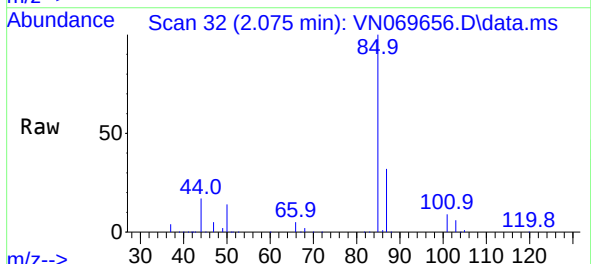
Tgt Ion:128 Resp: 185139
Ion Ratio Lower Upper
128 100
49 194.6 0.0 392.3
130 128.2 0.0 320.2

Manual Integrations
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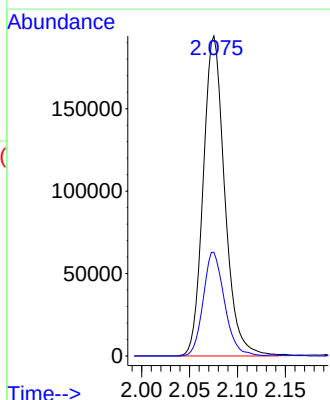
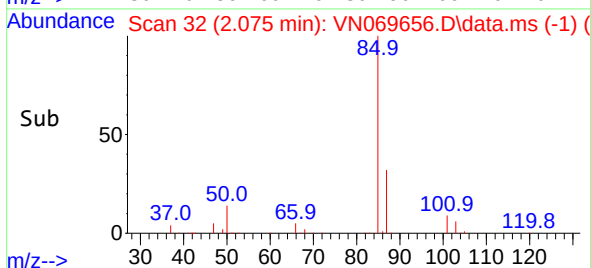
Reviewed By :John Carlone 11/29/2021
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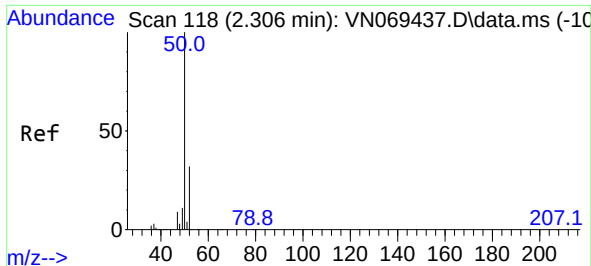


#2
Dichlorodifluoromethane
Concen: 22.206 ug/l
RT: 2.075 min Scan# 32
Delta R.T. 0.000 min
Lab File: VN069656.D
Acq: 26 Nov 2021 14:01



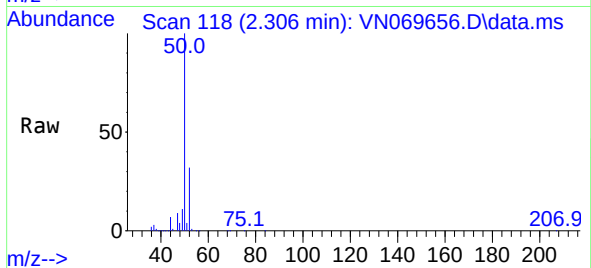
Tgt Ion: 85 Resp: 303797
Ion Ratio Lower Upper
85 100
87 32.4 16.6 49.7





#3
Chloromethane
Concen: 22.972 ug/l
RT: 2.306 min Scan# 118
Delta R.T. 0.003 min
Lab File: VN069656.D
Acq: 26 Nov 2021 14:01

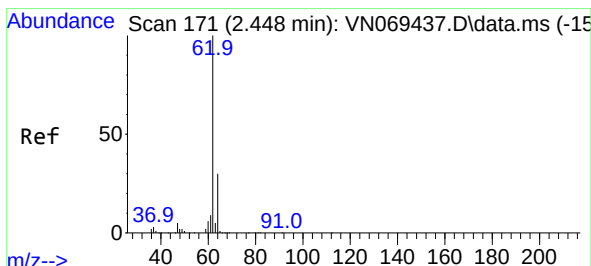
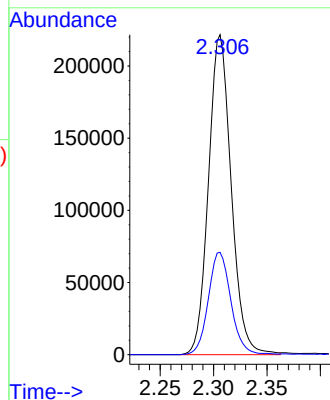
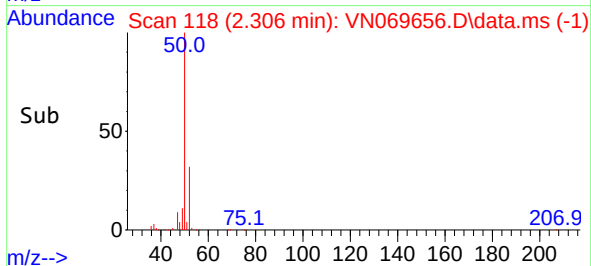
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



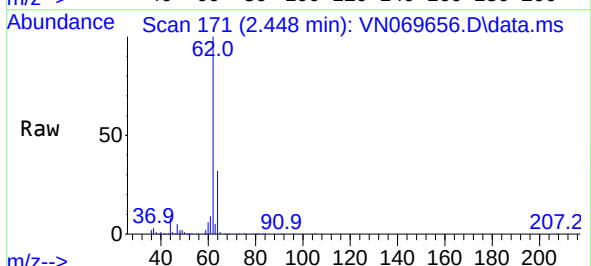
Tgt Ion: 50 Resp: 327674
Ion Ratio Lower Upper
50 100
52 32.0 27.8 41.6

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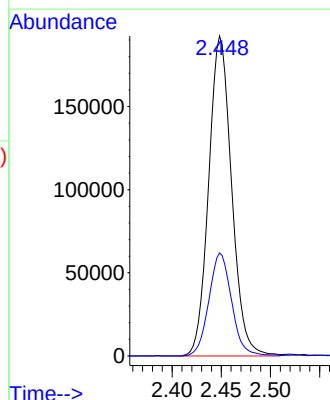
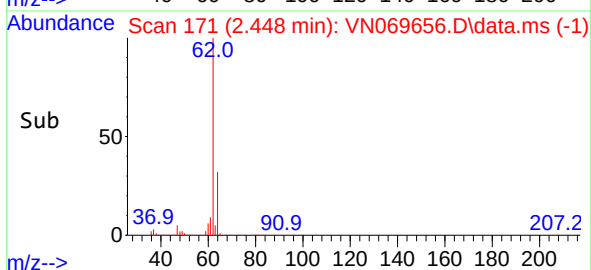
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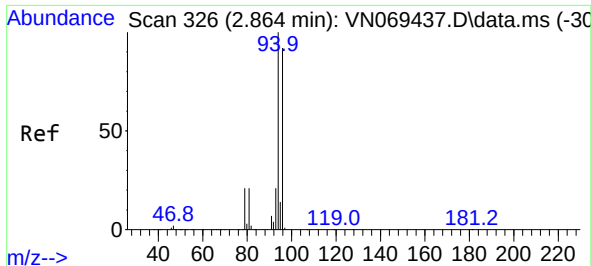


#4
Vinyl Chloride
Concen: 21.624 ug/l
RT: 2.448 min Scan# 171
Delta R.T. 0.003 min
Lab File: VN069656.D
Acq: 26 Nov 2021 14:01



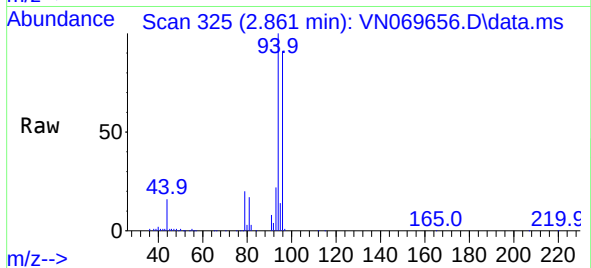
Tgt Ion: 62 Resp: 312753
Ion Ratio Lower Upper
62 100
64 32.2 25.1 37.7





#5
Bromomethane
Concen: 19.279 ug/l
RT: 2.861 min Scan# 31
Delta R.T. -0.003 min
Lab File: VN069656.D
Acq: 26 Nov 2021 14:01

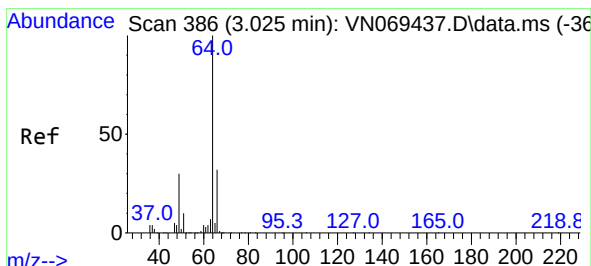
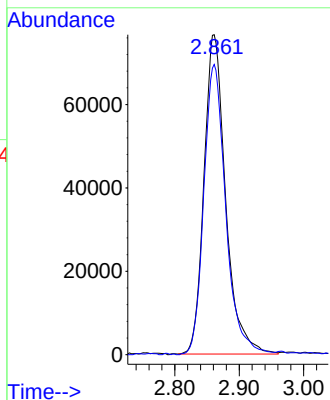
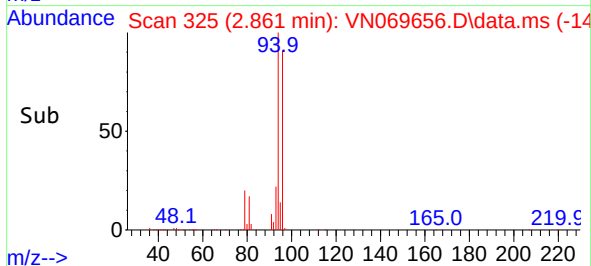
Instrument :
MSVOA_N
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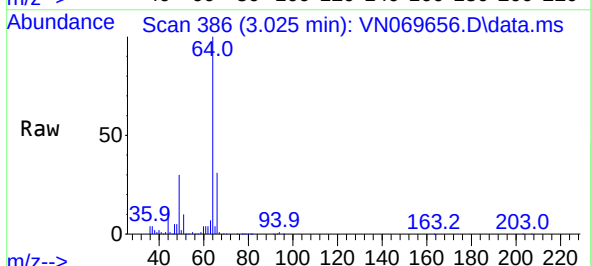
Tgt Ion: 94 Resp: 178584
Ion Ratio Lower Upper
94 100
96 90.9 75.2 112.8

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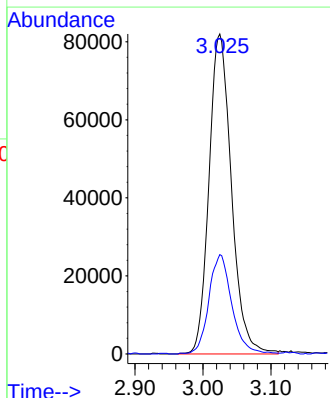
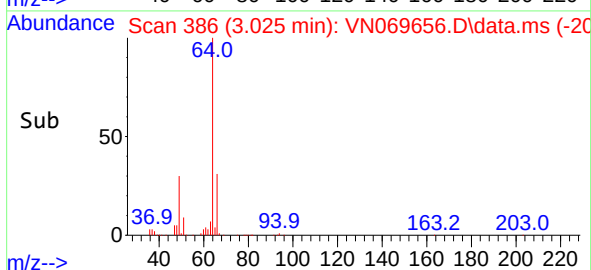
Reviewed By :John Carlone 11/29/2021
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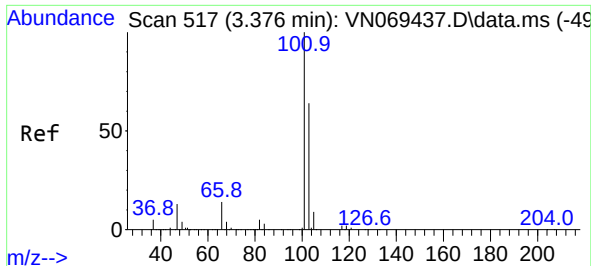


#6
Chloroethane
Concen: 20.620 ug/l
RT: 3.025 min Scan# 386
Delta R.T. 0.000 min
Lab File: VN069656.D
Acq: 26 Nov 2021 14:01



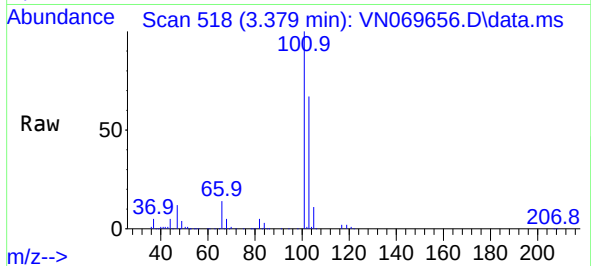
Tgt Ion: 64 Resp: 188161
Ion Ratio Lower Upper
64 100
66 31.1 24.6 36.8





#7
Trichlorofluoromethane
Concen: 19.366 ug/l
RT: 3.379 min Scan# 517
Delta R.T. 0.000 min
Lab File: VN069656.D
Acq: 26 Nov 2021 14:01

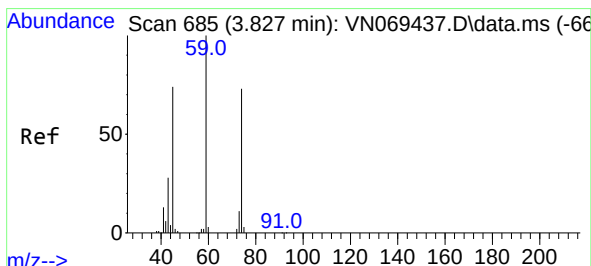
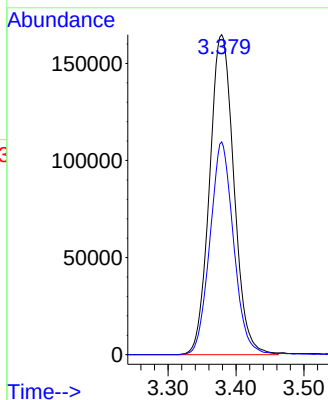
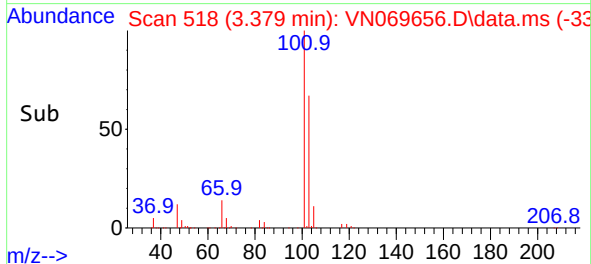
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Tgt Ion:101 Resp: 410549
Ion Ratio Lower Upper
101 100
103 66.5 50.1 75.1

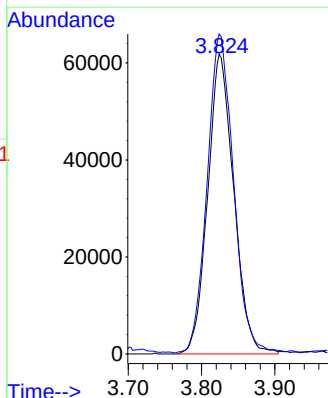
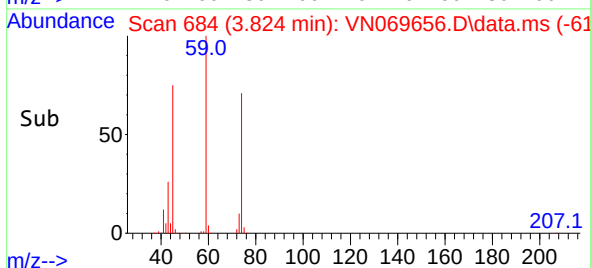
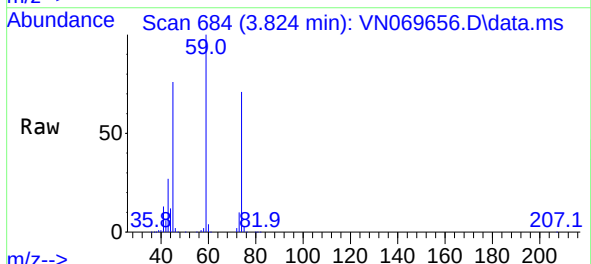
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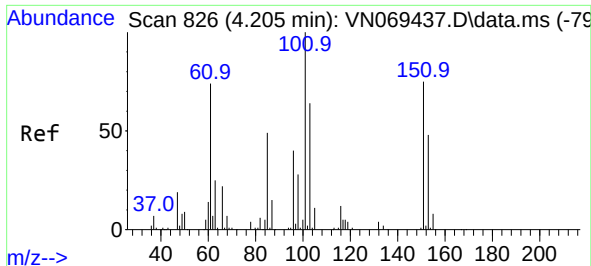
Reviewed By :John Carlone 11/29/2021
Supervised By :Mahesh Dadoda 11/29/2021



#8
Diethyl Ether
Concen: 22.843 ug/l
RT: 3.824 min Scan# 684
Delta R.T. -0.005 min
Lab File: VN069656.D
Acq: 26 Nov 2021 14:01

Tgt Ion: 74 Resp: 152861
Ion Ratio Lower Upper
74 100
45 106.8 17.6 158.8





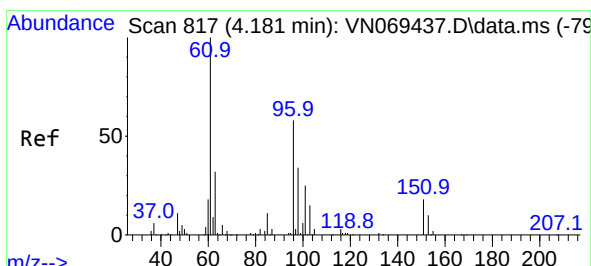
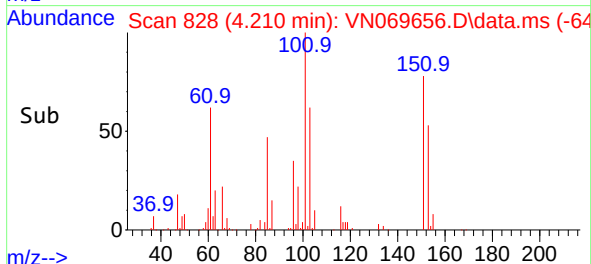
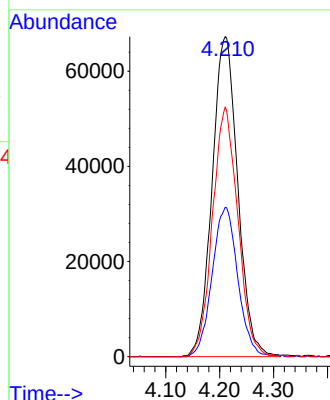
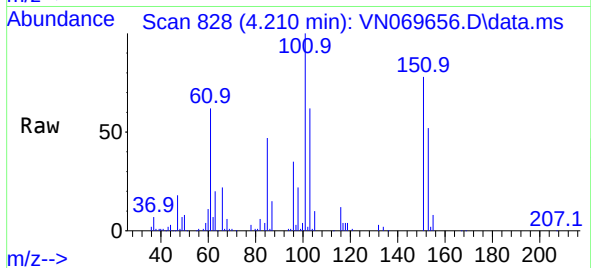
#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.692 ug/l m
RT: 4.210 min Scan# 81
Delta R.T. -0.011 min
Lab File: VN069656.D
Acq: 26 Nov 2021 14:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:101 Resp: 22260
Ion Ratio Lower Upper
101 100
85 0.0 0.0 94.0
151 0.0 0.0 74.6

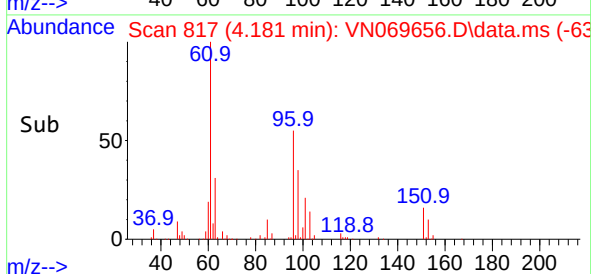
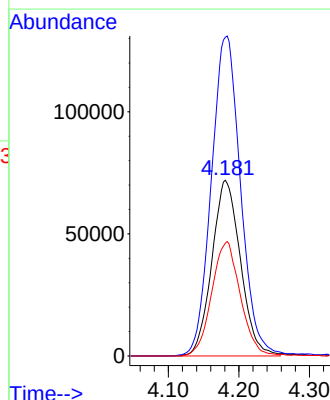
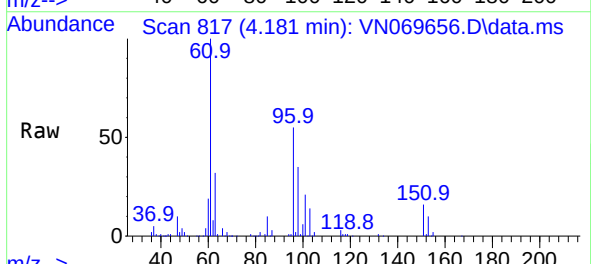
Manual Integrations
APPROVED

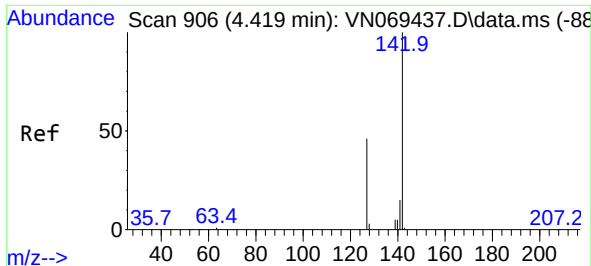
Reviewed By :John Carlone 11/29/2021
Supervised By :Mahesh Dadoda 11/29/2021



#10
1,1-Dichloroethene
Concen: 21.915 ug/l
RT: 4.181 min Scan# 817
Delta R.T. -0.011 min
Lab File: VN069656.D
Acq: 26 Nov 2021 14:01

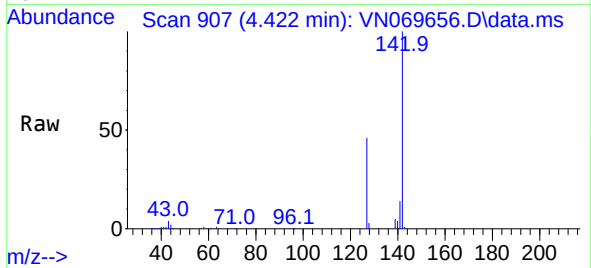
Tgt Ion: 96 Resp: 202760
Ion Ratio Lower Upper
96 100
61 180.8 126.2 189.4
98 64.2 50.9 76.3





#11
Methyl Iodide
Concen: 22.038 ug/l
RT: 4.422 min Scan# 906
Delta R.T. -0.008 min
Lab File: VN069656.D
Acq: 26 Nov 2021 14:01

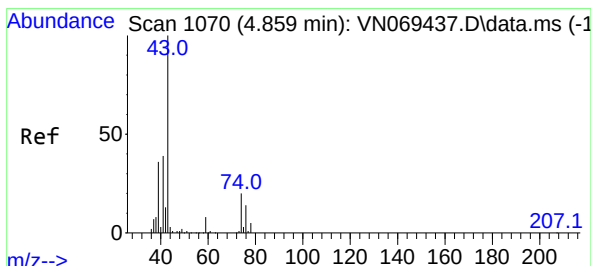
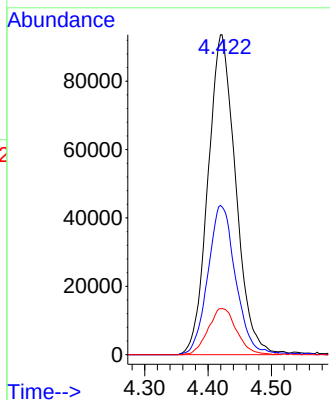
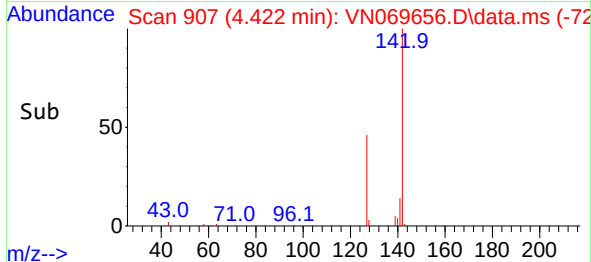
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion:142 Resp: 28409
Ion Ratio Lower Upper
142 100
127 46.1 24.0 72.0
141 14.4 8.4 25.2

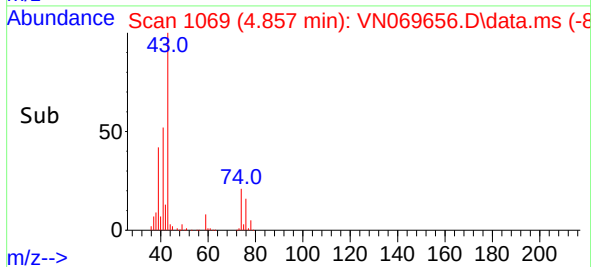
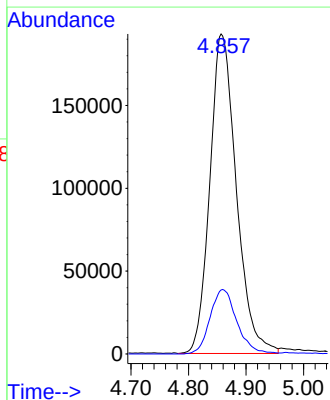
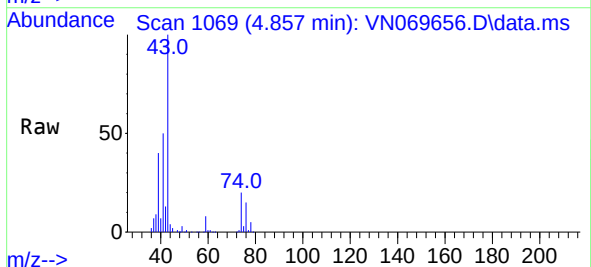
Manual Integrations
APPROVED

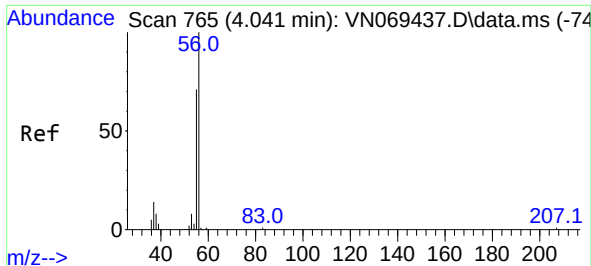
Reviewed By :John Carlone 11/29/2021
Supervised By :Mahesh Dadoda 11/29/2021



#12
Methyl Acetate
Concen: 23.204 ug/l
RT: 4.857 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VN069656.D
Acq: 26 Nov 2021 14:01

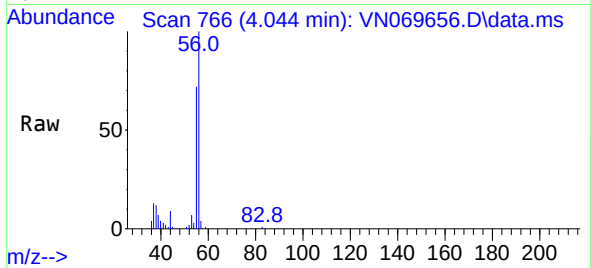
Tgt Ion: 43 Resp: 618278
Ion Ratio Lower Upper
43 100
74 20.0 20.8 31.2#





#13
Acrolein
Concen: 115.554 ug/l
RT: 4.044 min Scan# 765
Delta R.T. -0.003 min
Lab File: VN069656.D
Acq: 26 Nov 2021 14:01

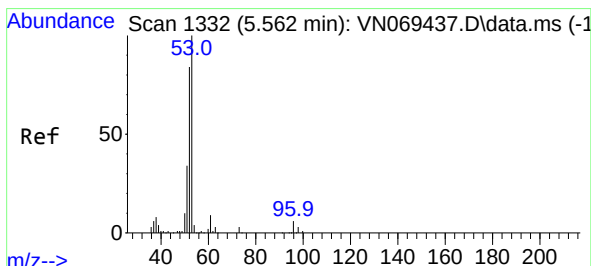
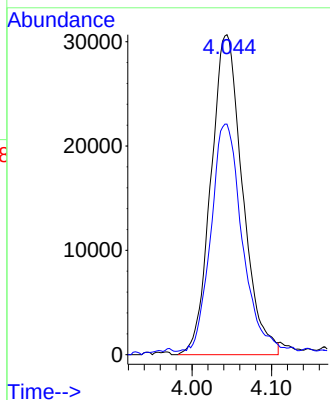
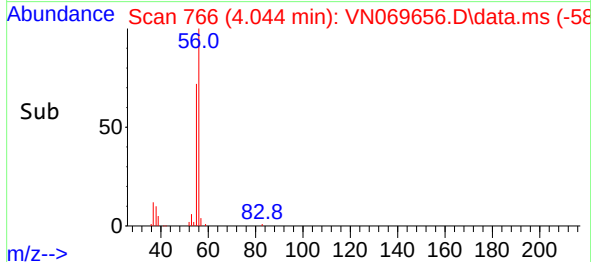
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



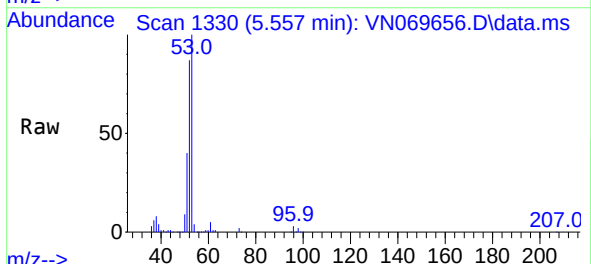
Tgt Ion: 56 Resp: 84654
Ion Ratio Lower Upper
56 100
55 68.0 57.6 86.4

Manual Integrations
APPROVED

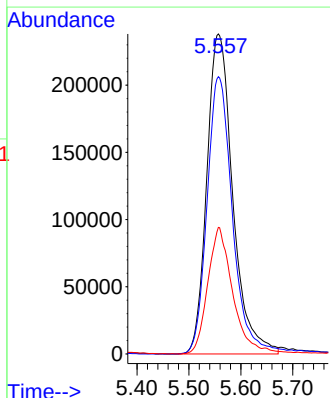
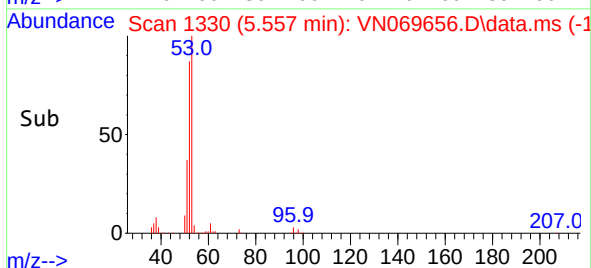
Reviewed By :John Carlone 11/29/2021
Supervised By :Mahesh Dadoda 11/29/2021

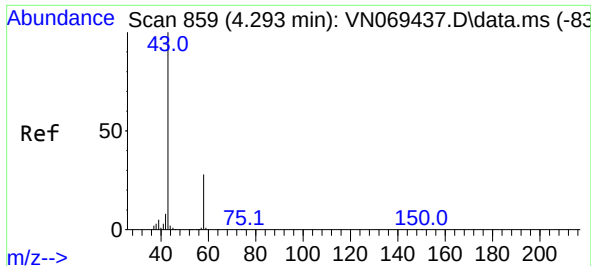


#14
Acrylonitrile
Concen: 113.876 ug/l
RT: 5.557 min Scan# 1330
Delta R.T. 0.000 min
Lab File: VN069656.D
Acq: 26 Nov 2021 14:01



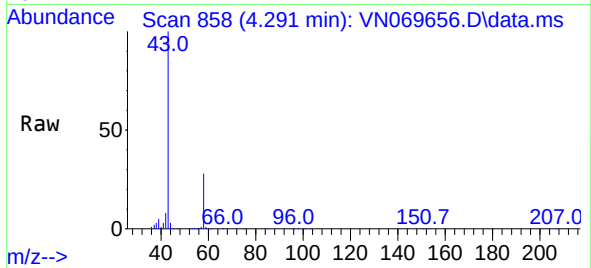
Tgt Ion: 53 Resp: 827816
Ion Ratio Lower Upper
53 100
52 85.0 41.8 125.4
51 37.3 19.0 57.0





#15
Acetone
Concen: 97.115 ug/l
RT: 4.291 min Scan# 859
Delta R.T. 0.003 min
Lab File: VN069656.D
Acq: 26 Nov 2021 14:01

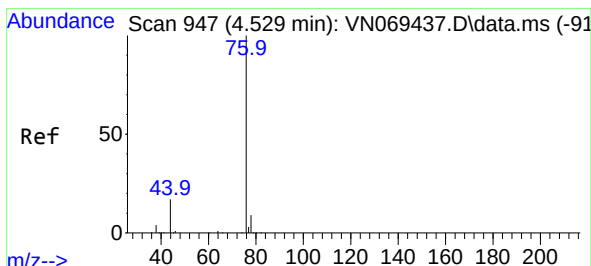
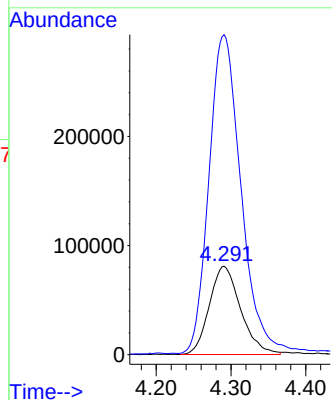
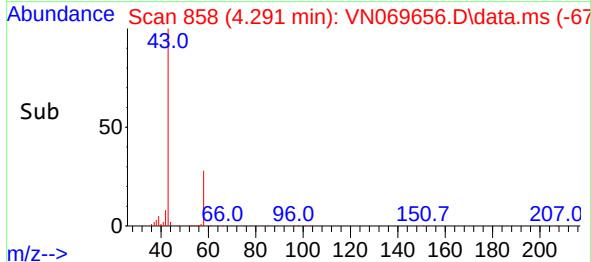
Instrument :
MSVOA_N
Client Sample Id :
VSTDCCC020EC



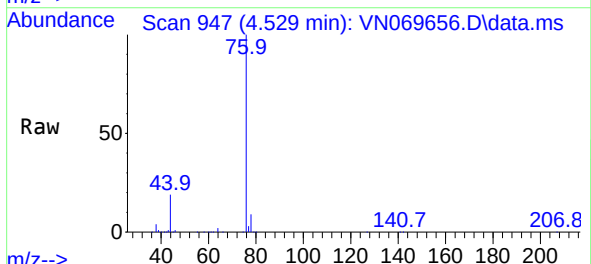
Tgt Ion: 58 Resp: 23523
Ion Ratio Lower Upper
58 100
43 360.9 256.6 384.8

Manual Integrations
APPROVED

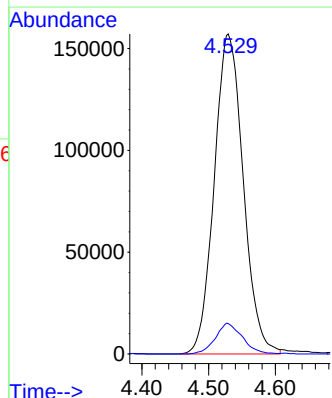
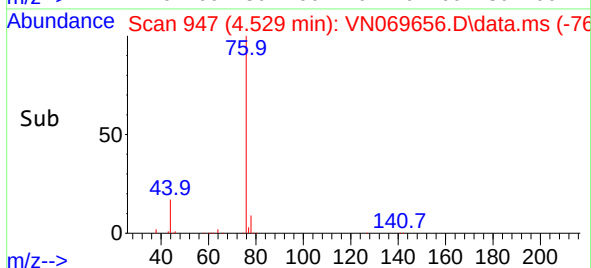
Reviewed By :John Carlone 11/29/2021
Supervised By :Mahesh Dadoda 11/29/2021

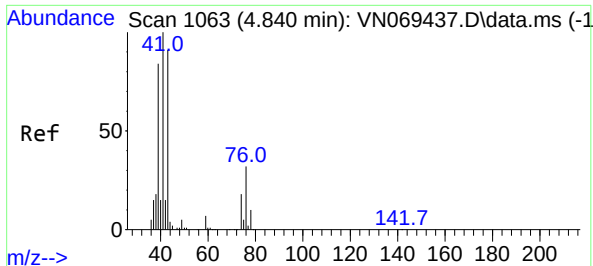


#16
Carbon Disulfide
Concen: 20.502 ug/l
RT: 4.529 min Scan# 947
Delta R.T. -0.008 min
Lab File: VN069656.D
Acq: 26 Nov 2021 14:01



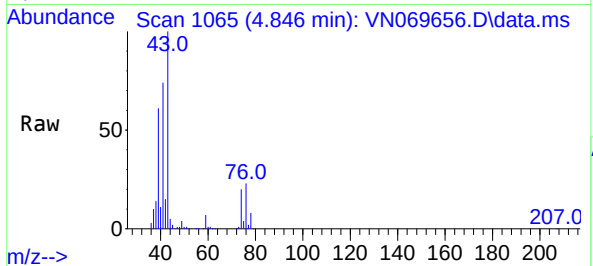
Tgt Ion: 76 Resp: 474145
Ion Ratio Lower Upper
76 100
78 9.5 7.8 11.8





#17
 Allyl chloride
 Concen: 22.884 ug/l m
 RT: 4.846 min Scan# 1063
 Delta R.T. 0.000 min
 Lab File: VN069656.D
 Acq: 26 Nov 2021 14:01

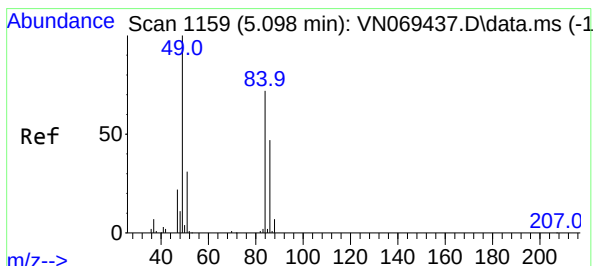
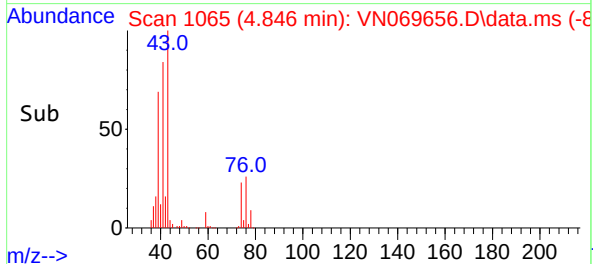
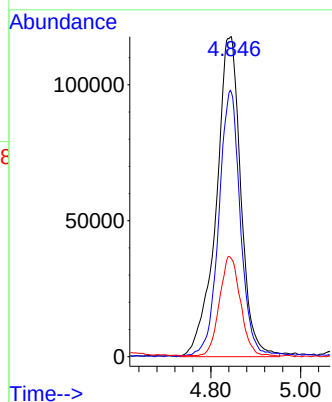
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC



Tgt Ion: 41 Resp: 45000
 Ion Ratio Lower Upper
 41 100
 39 82.6 44.6 134.0
 76 30.6 19.6 58.7

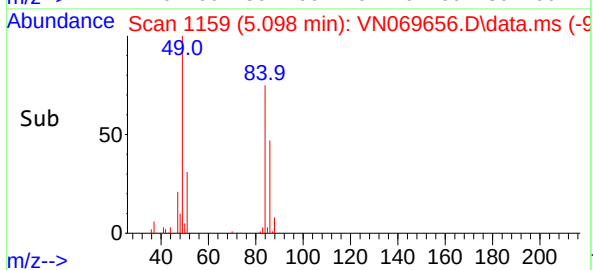
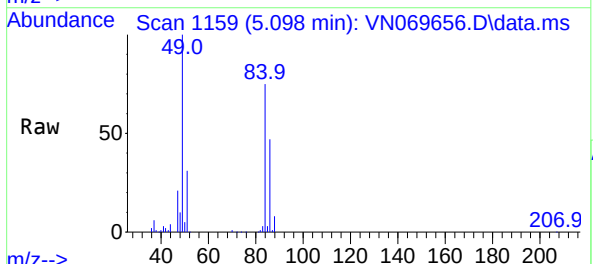
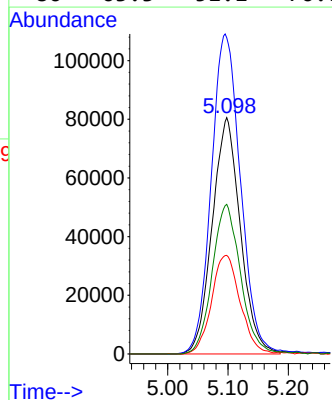
Manual Integrations
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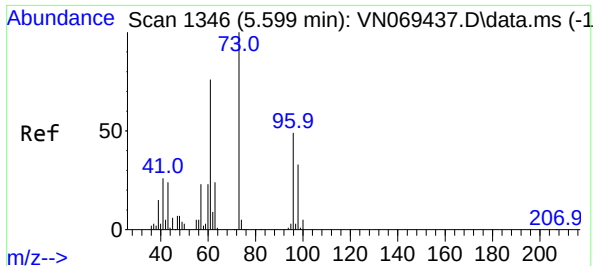
Reviewed By :John Carlone 11/29/2021
 Supervised By :Mahesh Dadoda 11/29/2021



#18
 Methylene Chloride
 Concen: 22.160 ug/l
 RT: 5.098 min Scan# 1159
 Delta R.T. -0.003 min
 Lab File: VN069656.D
 Acq: 26 Nov 2021 14:01

Tgt Ion: 84 Resp: 261192
 Ion Ratio Lower Upper
 84 100
 49 133.5 91.4 137.0
 51 41.7 29.4 44.0
 86 63.3 51.1 76.7





#19

trans-1,2-Dichloroethene

Concen: 21.807 ug/l

RT: 5.599 min Scan# 11

Delta R.T. -0.005 min

Lab File: VN069656.D

Acq: 26 Nov 2021 14:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 96 Resp: 22140

Ion Ratio Lower Upper

96 100

61 153.2 102.8 154.2

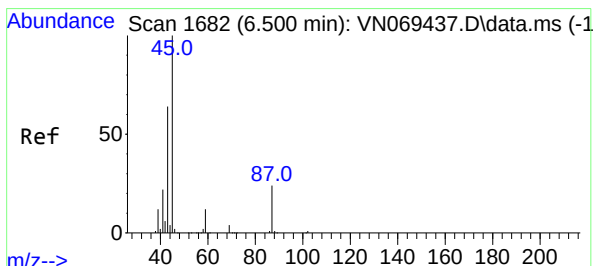
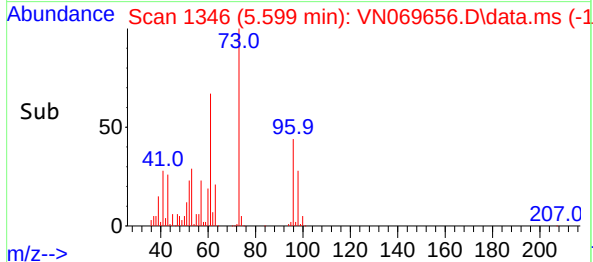
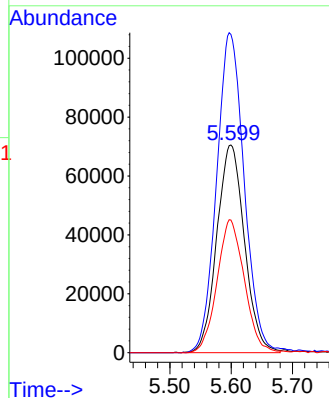
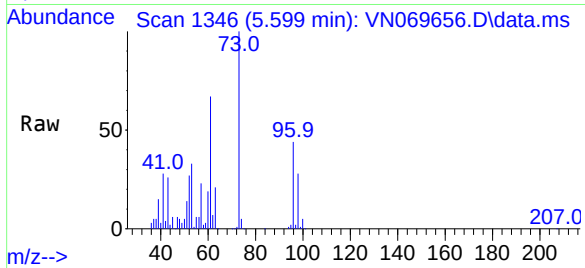
98 63.8 49.3 73.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/29/2021

Supervised By :Mahesh Dadoda 11/29/2021



#20

Diisopropyl ether

Concen: 22.437 ug/l

RT: 6.498 min Scan# 1681

Delta R.T. 0.000 min

Lab File: VN069656.D

Acq: 26 Nov 2021 14:01

Tgt Ion: 45 Resp: 945417

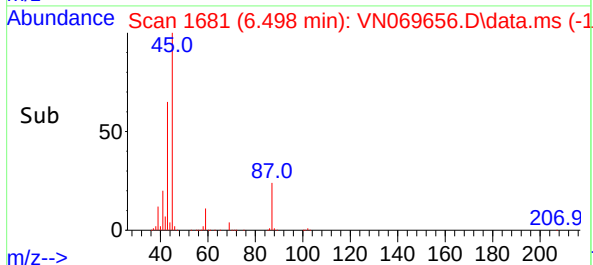
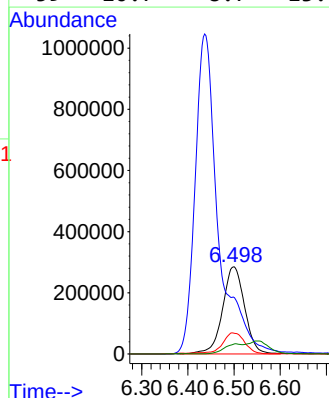
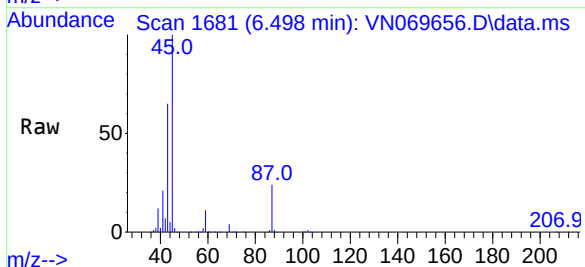
Ion Ratio Lower Upper

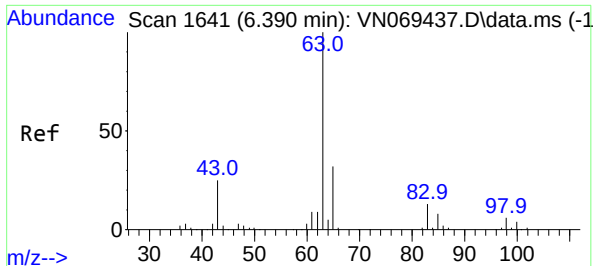
45 100

43 62.9 51.0 76.4

87 23.8 25.0 37.4#

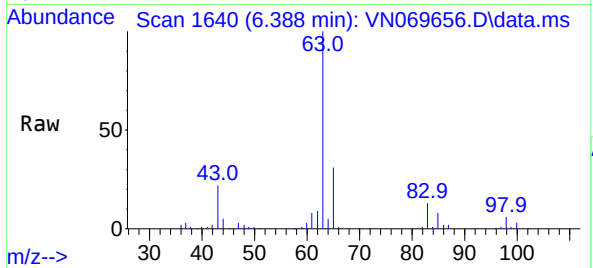
59 10.7 8.7 13.1





#21
1,1-Dichloroethane
Concen: 22.587 ug/l
RT: 6.388 min Scan# 1
Delta R.T. -0.005 min
Lab File: VN069656.D
Acq: 26 Nov 2021 14:01

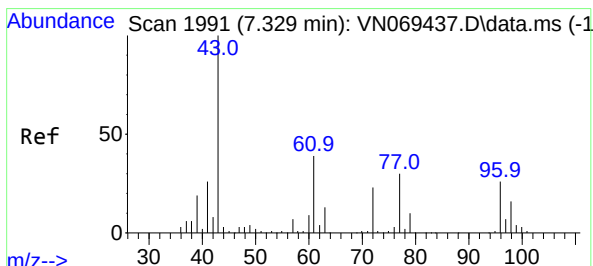
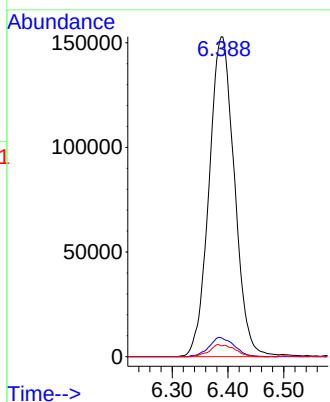
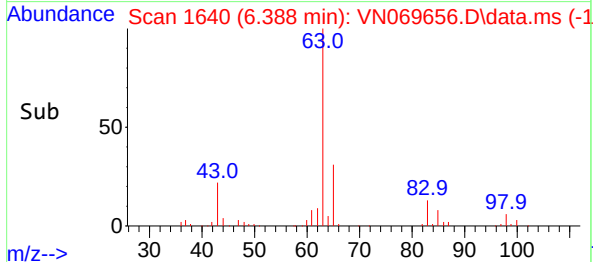
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



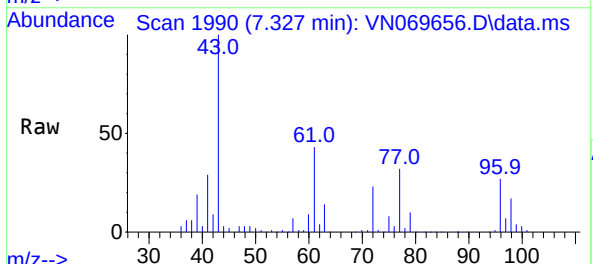
Tgt Ion: 63 Resp: 482839
Ion Ratio Lower Upper
63 100
98 5.9 3.2 9.6
100 3.4 2.1 6.2

Manual Integrations
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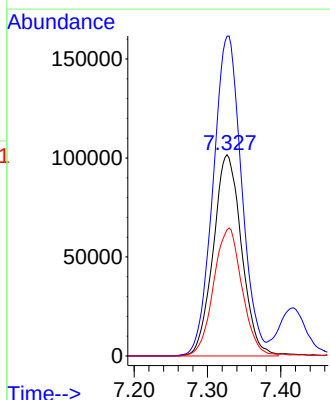
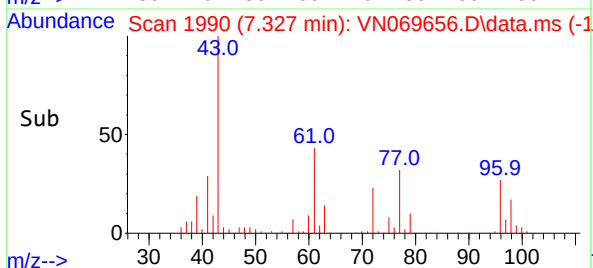
Reviewed By :John Carlone 11/29/2021
Supervised By :Mahesh Dadoda 11/29/2021

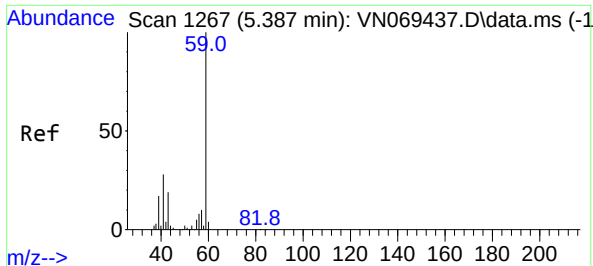


#22
cis-1,2-Dichloroethene
Concen: 21.652 ug/l
RT: 7.327 min Scan# 1990
Delta R.T. -0.003 min
Lab File: VN069656.D
Acq: 26 Nov 2021 14:01



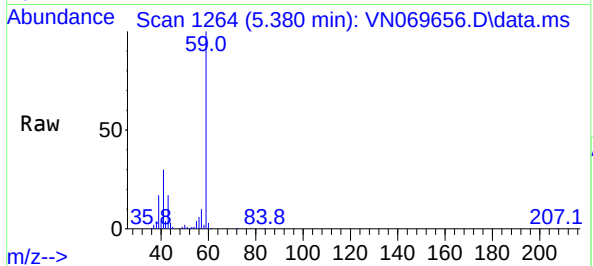
Tgt Ion: 96 Resp: 272653
Ion Ratio Lower Upper
96 100
61 160.6 115.7 173.5
98 64.0 51.6 77.4





#23
tert-Butyl Alcohol
Concen: 101.348 ug/l
RT: 5.380 min Scan# 1267
Delta R.T. 0.014 min
Lab File: VN069656.D
Acq: 26 Nov 2021 14:01

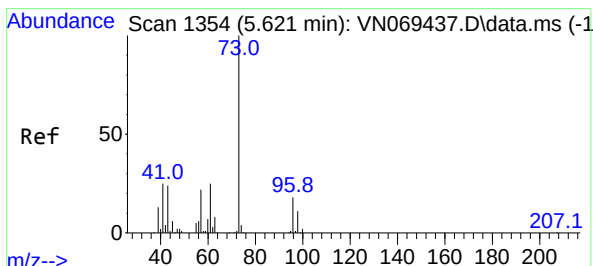
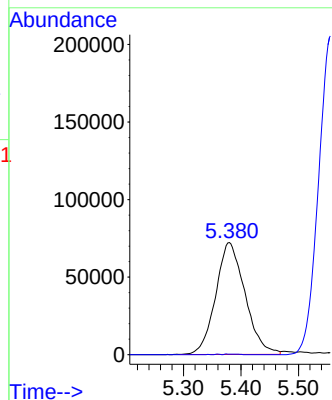
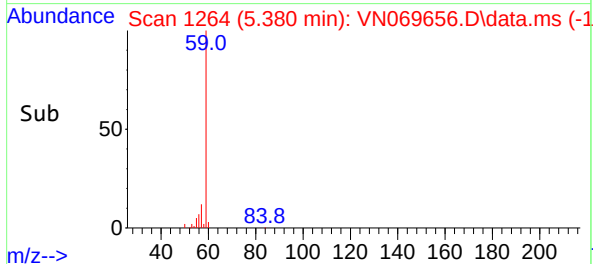
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



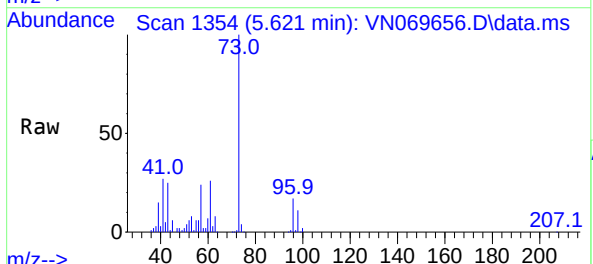
Tgt Ion: 59 Resp: 256405
Ion Ratio Lower Upper
59 100
52 0.1 0.0 0.0

Manual Integrations
APPROVED

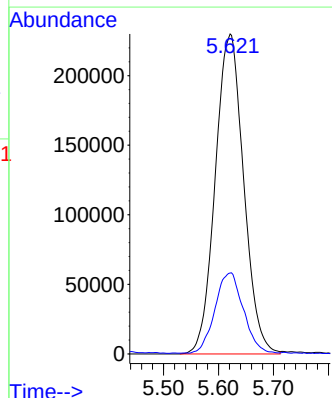
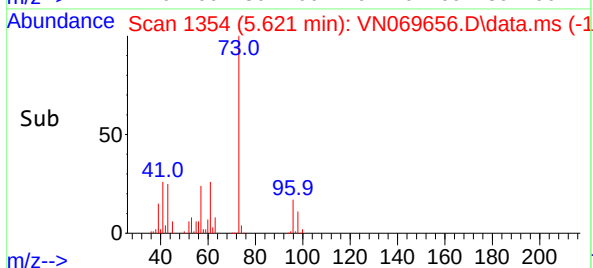
Reviewed By :John Carlone 11/29/2021
Supervised By :Mahesh Dadoda 11/29/2021

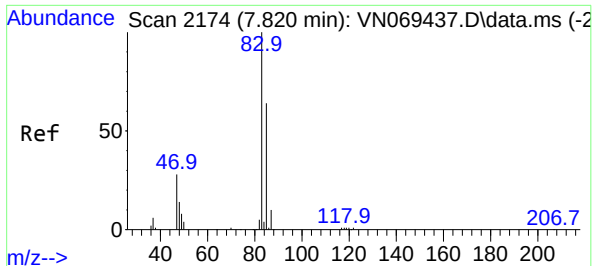


#24
Methyl tert-Butyl Ether
Concen: 22.239 ug/l
RT: 5.621 min Scan# 1354
Delta R.T. 0.000 min
Lab File: VN069656.D
Acq: 26 Nov 2021 14:01



Tgt Ion: 73 Resp: 824594
Ion Ratio Lower Upper
73 100
43 25.2 18.1 27.1





#25

Chloroform

Concen: 22.127 ug/l

RT: 7.817 min Scan# 2173

Delta R.T. -0.003 min

Lab File: VN069656.D

Acq: 26 Nov 2021 14:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 83 Resp: 48906

Ion Ratio Lower Upper

83 100

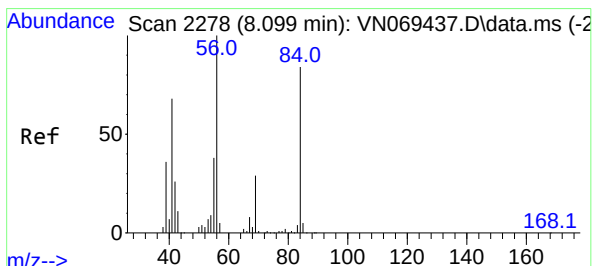
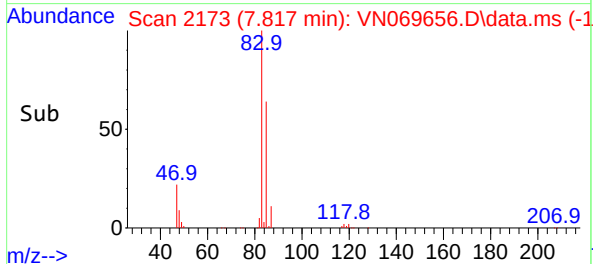
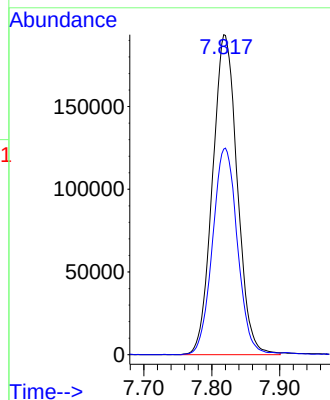
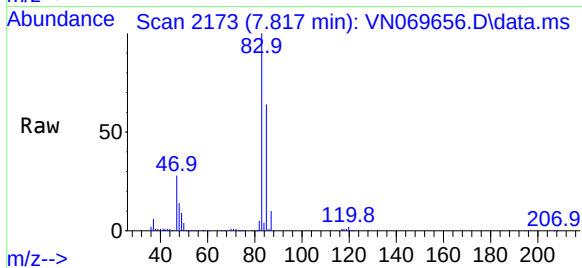
85 64.3 51.3 76.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/29/2021

Supervised By :Mahesh Dadoda 11/29/2021



#26

Cyclohexane

Concen: 22.115 ug/l

RT: 8.096 min Scan# 2277

Delta R.T. -0.003 min

Lab File: VN069656.D

Acq: 26 Nov 2021 14:01

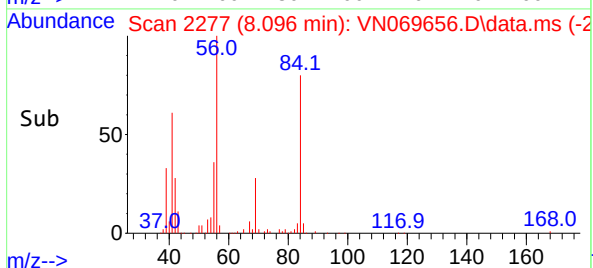
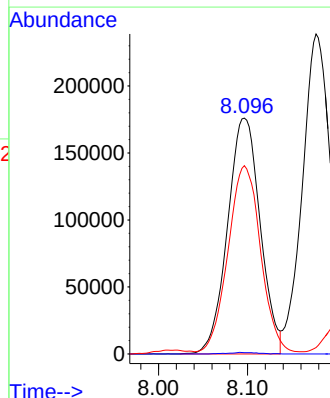
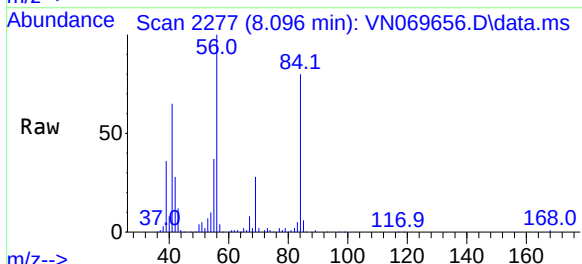
Tgt Ion: 56 Resp: 448827

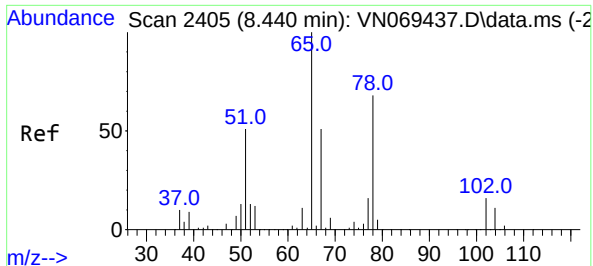
Ion Ratio Lower Upper

56 100

89 0.1 0.1 0.1#

84 78.4 74.6 111.8





#27

1,2-Dichloroethane-d4

Concen: 31.943 ug/l

RT: 8.440 min Scan# 2405

Delta R.T. 0.000 min

Lab File: VN069656.D

Acq: 26 Nov 2021 14:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 65 Resp: 51290

Ion Ratio Lower Upper

65 100

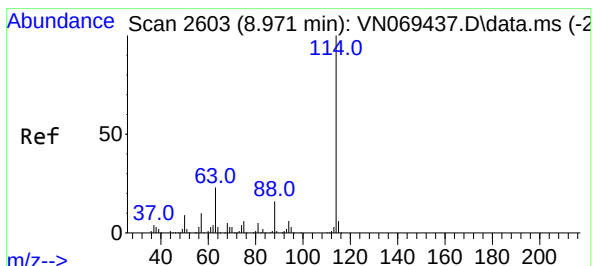
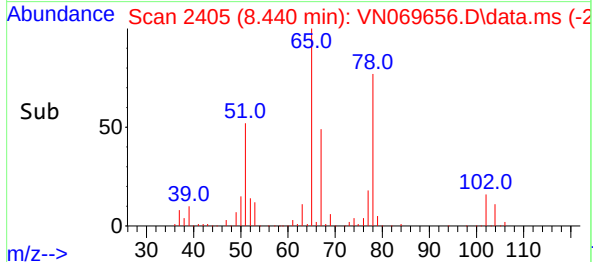
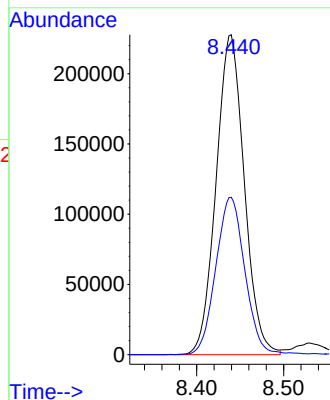
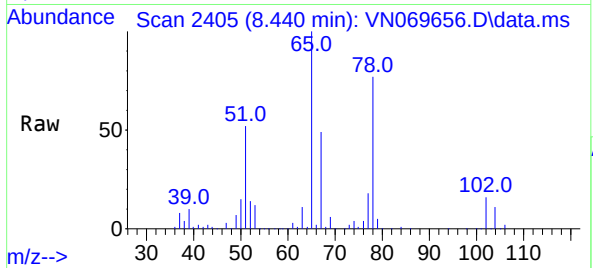
67 50.6 40.2 60.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/29/2021

Supervised By :Mahesh Dadoda 11/29/2021



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 8.968 min Scan# 2602

Delta R.T. -0.003 min

Lab File: VN069656.D

Acq: 26 Nov 2021 14:01

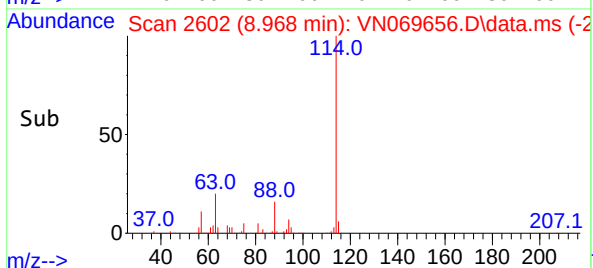
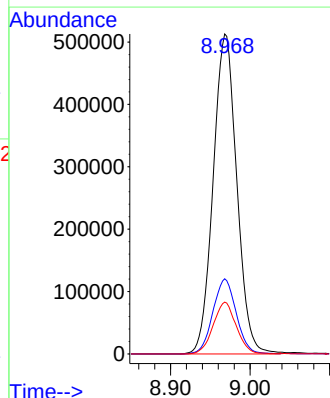
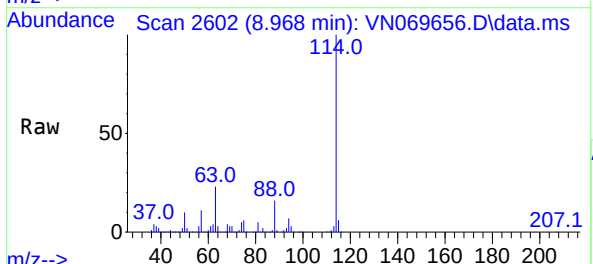
Tgt Ion:114 Resp: 1059067

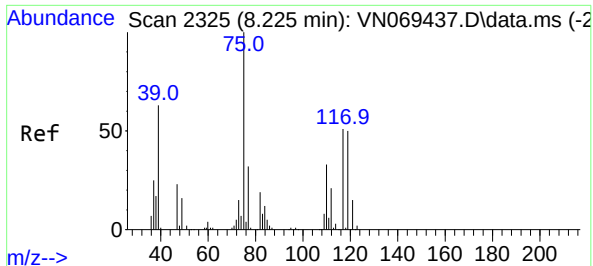
Ion Ratio Lower Upper

114 100

63 23.3 15.8 23.6

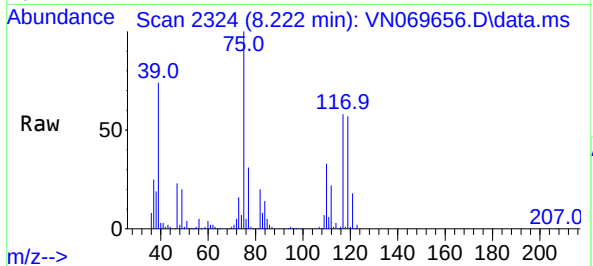
88 15.9 11.6 17.4





#29
1,1-Dichloropropene
Concen: 21.696 ug/l
RT: 8.222 min Scan# 21
Delta R.T. -0.003 min
Lab File: VN069656.D
Acq: 26 Nov 2021 14:01

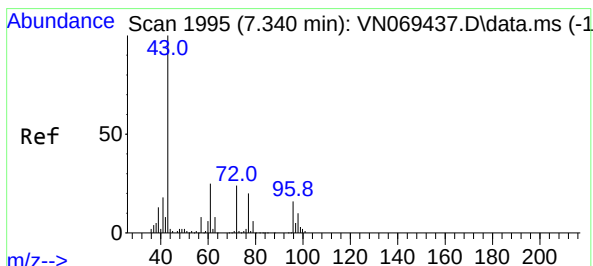
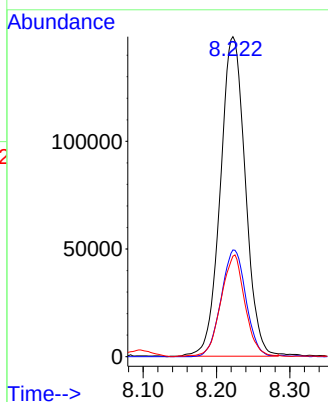
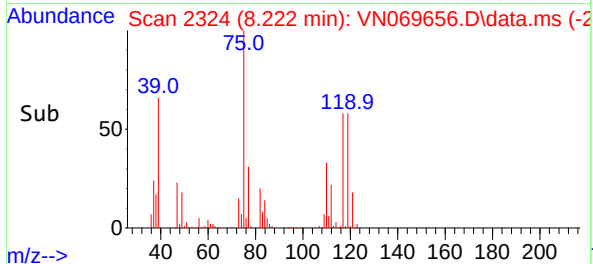
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 75 Resp: 350754
Ion Ratio Lower Upper
75 100
110 33.2 0.0 74.2
77 30.7 0.0 63.2

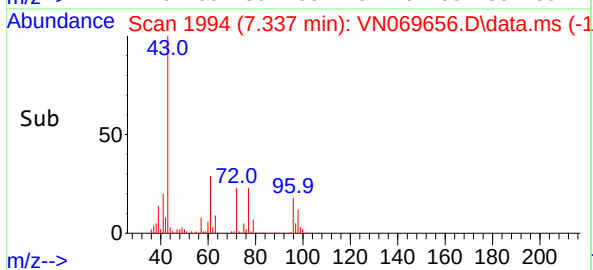
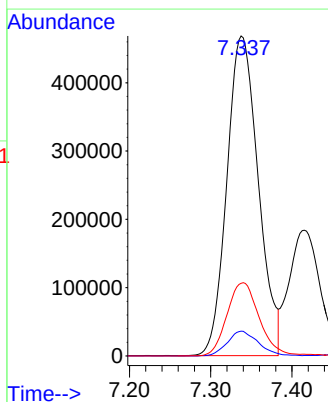
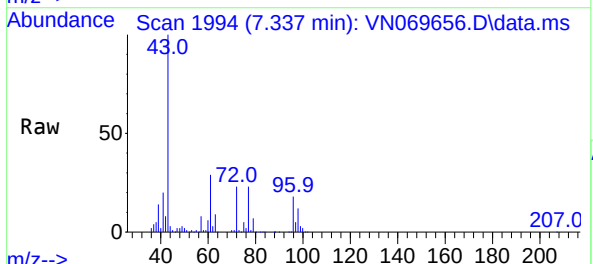
Manual Integrations
APPROVED

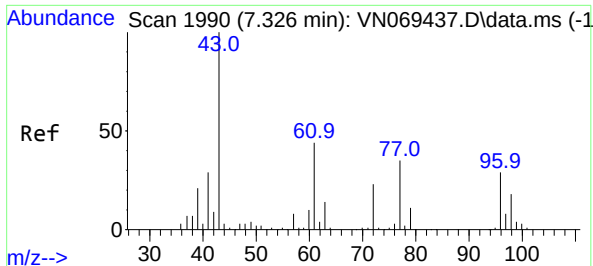
Reviewed By :John Carlone 11/29/2021
Supervised By :Mahesh Dadoda 11/29/2021



#30
2-Butanone
Concen: 107.521 ug/l
RT: 7.337 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VN069656.D
Acq: 26 Nov 2021 14:01

Tgt Ion: 43 Resp: 1258196
Ion Ratio Lower Upper
43 100
57 7.7 6.7 10.1
72 23.5 23.2 34.8





#31

2,2-Dichloropropane

Concen: 21.102 ug/l

RT: 7.327 min Scan# 1990

Delta R.T. -0.003 min

Lab File: VN069656.D

Acq: 26 Nov 2021 14:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 77 Resp: 36065

Ion Ratio Lower Upper

77 100

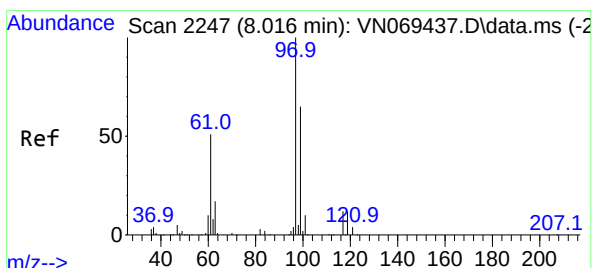
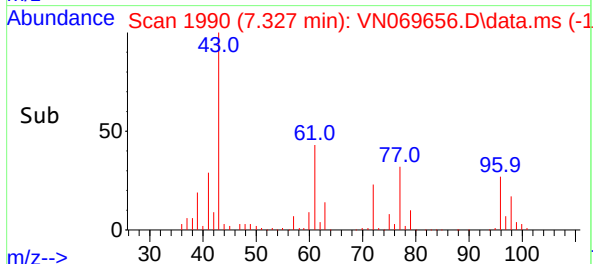
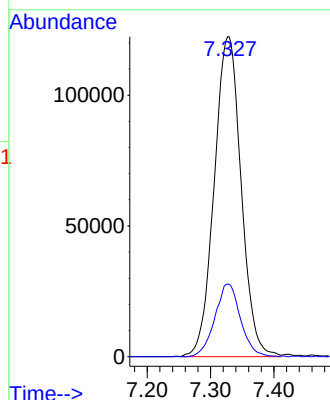
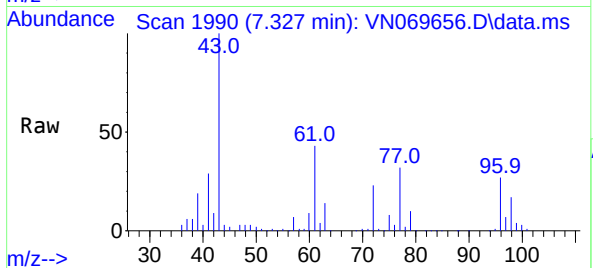
97 21.7 18.3 27.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/29/2021

Supervised By :Mahesh Dadoda 11/29/2021



#32

1,1,1-Trichloroethane

Concen: 21.857 ug/l

RT: 8.013 min Scan# 2246

Delta R.T. -0.003 min

Lab File: VN069656.D

Acq: 26 Nov 2021 14:01

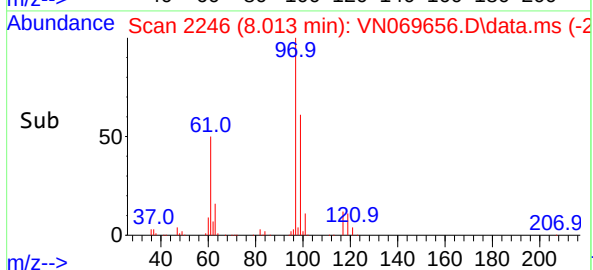
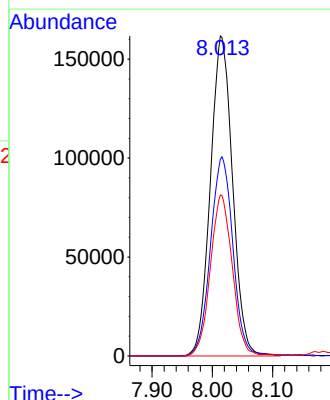
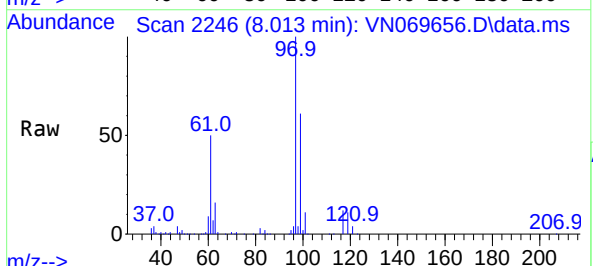
Tgt Ion: 97 Resp: 412511

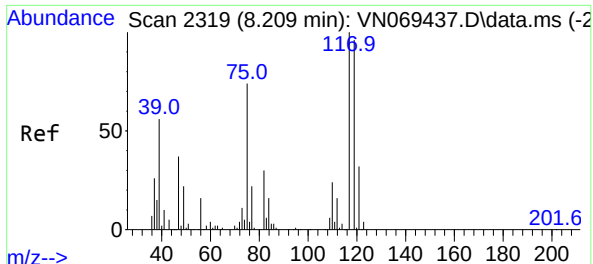
Ion Ratio Lower Upper

97 100

99 63.1 50.4 75.6

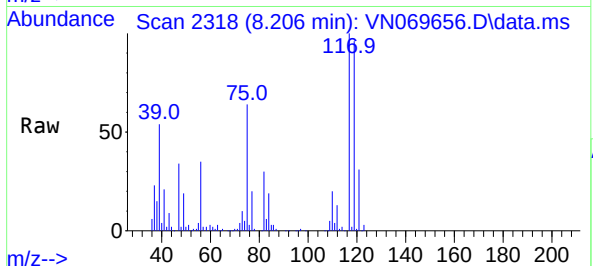
61 49.6 34.6 51.8





#33
Carbon Tetrachloride
Concen: 21.635 ug/l
RT: 8.206 min Scan# 2117
Delta R.T. -0.003 min
Lab File: VN069656.D
Acq: 26 Nov 2021 14:01

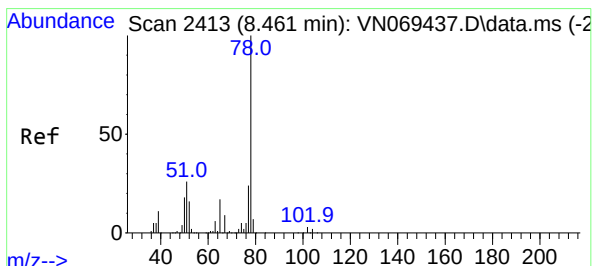
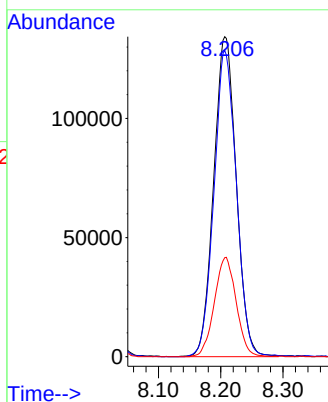
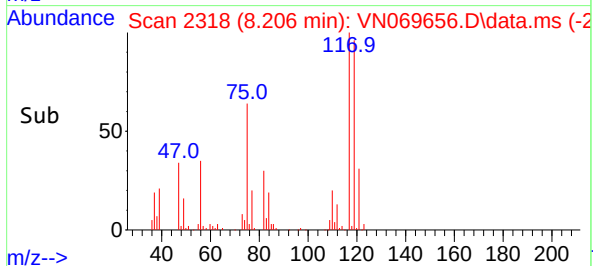
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



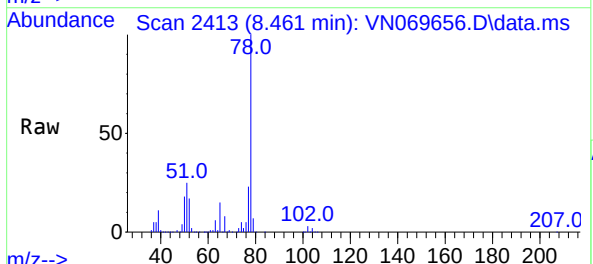
Tgt Ion: 117 Resp: 337249
Ion Ratio Lower Upper
117 100
119 95.7 77.5 116.3
121 31.0 23.5 35.3

Manual Integrations
APPROVED

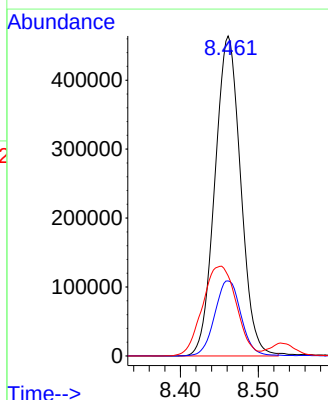
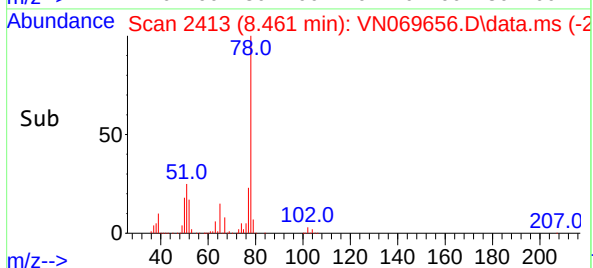
Reviewed By :John Carlone 11/29/2021
Supervised By :Mahesh Dadoda 11/29/2021

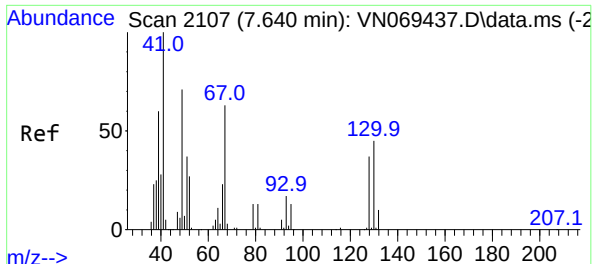


#34
Benzene
Concen: 21.672 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. 0.000 min
Lab File: VN069656.D
Acq: 26 Nov 2021 14:01



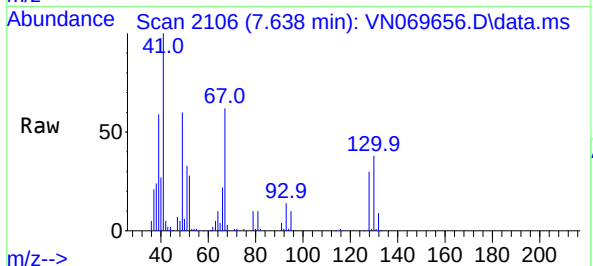
Tgt Ion: 78 Resp: 1065461
Ion Ratio Lower Upper
78 100
77 23.5 19.1 28.7
51 24.6 16.0 24.0#





#35
Methacrylonitrile
Concen: 22.202 ug/l
RT: 7.638 min Scan# 2106
Delta R.T. 0.003 min
Lab File: VN069656.D
Acq: 26 Nov 2021 14:01

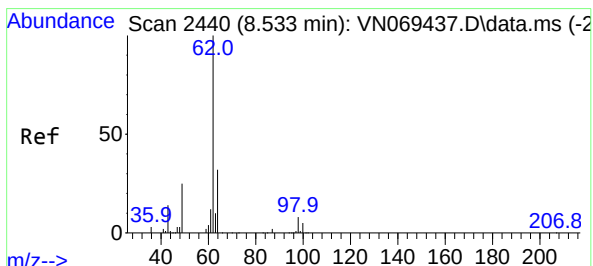
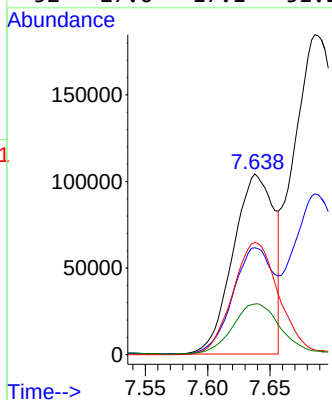
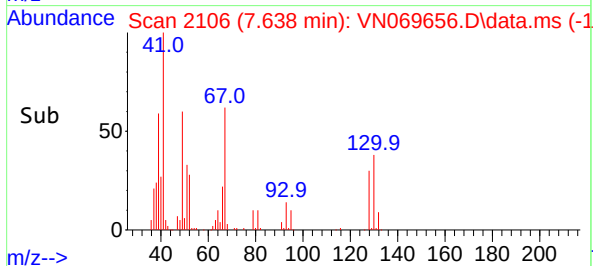
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



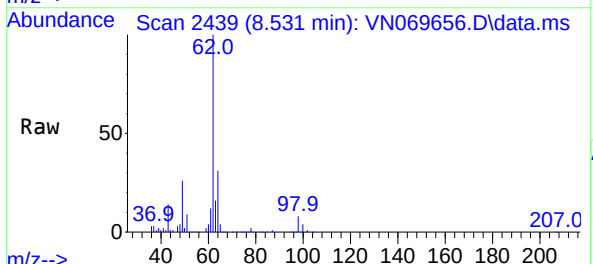
Tgt Ion: 41 Resp: 23828
Ion Ratio Lower Upper
41 100
39 58.8 28.0 83.9
67 62.3 37.7 113.1
52 27.6 17.1 51.2

Manual Integrations
APPROVED

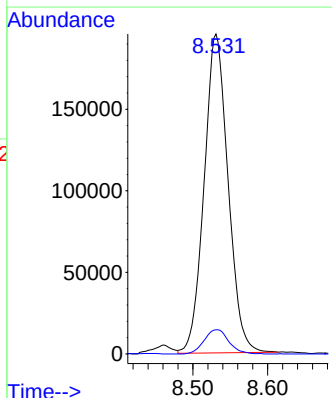
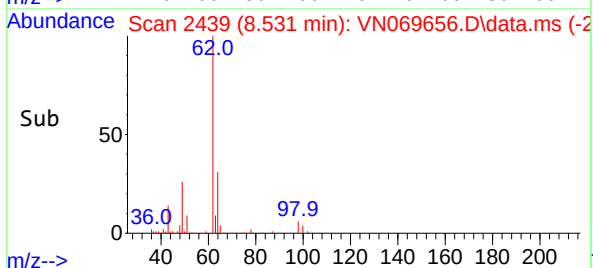
Reviewed By :John Carlone 11/29/2021
Supervised By :Mahesh Dadoda 11/29/2021

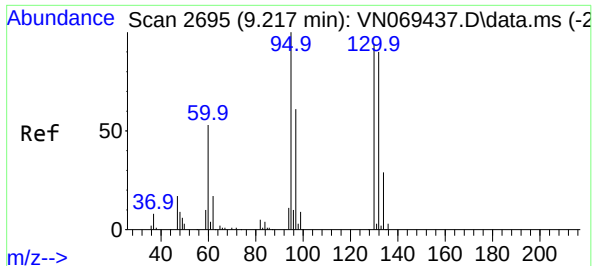


#36
1,2-Dichloroethane
Concen: 22.930 ug/l
RT: 8.531 min Scan# 2439
Delta R.T. -0.003 min
Lab File: VN069656.D
Acq: 26 Nov 2021 14:01



Tgt Ion: 62 Resp: 434604
Ion Ratio Lower Upper
62 100
98 7.8 6.6 10.0





#37

Trichloroethene

Concen: 21.019 ug/l

RT: 9.217 min Scan# 2695

Delta R.T. 0.000 min

Lab File: VN069656.D

Acq: 26 Nov 2021 14:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion:130 Resp: 249652

Ion Ratio Lower Upper

130 100

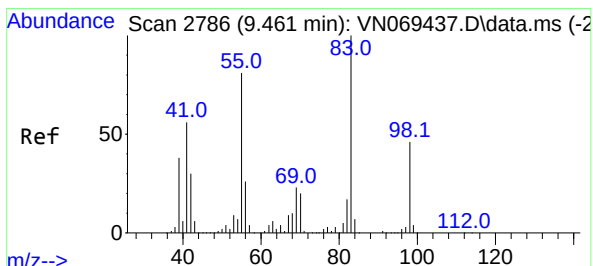
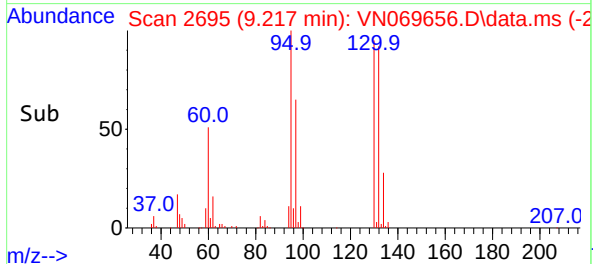
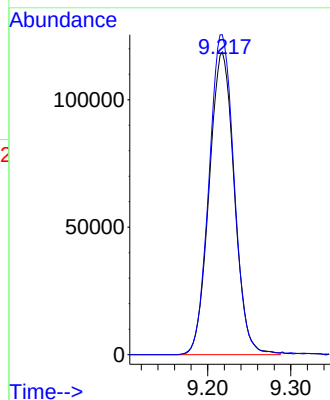
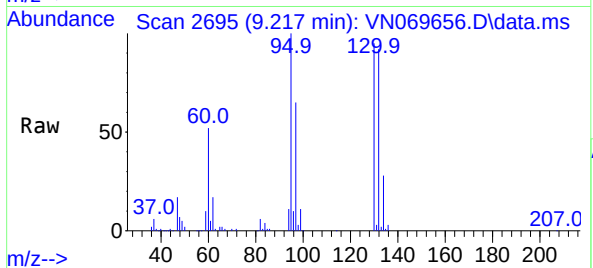
95 105.6 76.6 115.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/29/2021

Supervised By :Mahesh Dadoda 11/29/2021



#38

Methylcyclohexane

Concen: 20.915 ug/l

RT: 9.459 min Scan# 2785

Delta R.T. -0.003 min

Lab File: VN069656.D

Acq: 26 Nov 2021 14:01

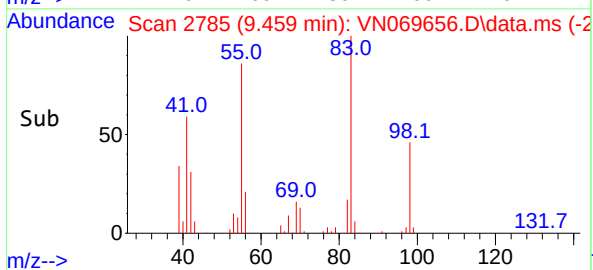
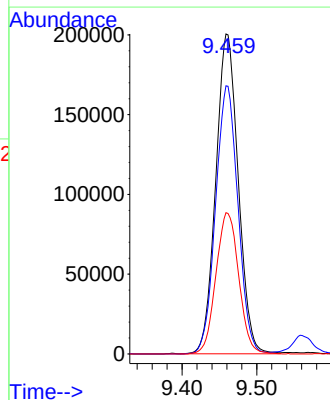
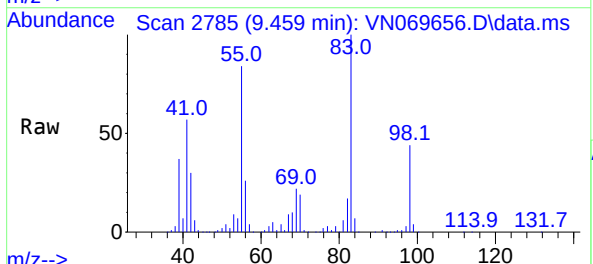
Tgt Ion: 83 Resp: 418330

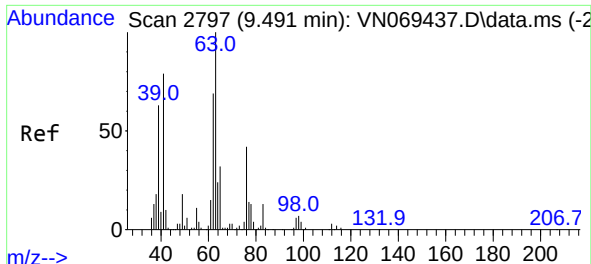
Ion Ratio Lower Upper

83 100

55 83.7 35.1 105.3

98 44.9 23.4 70.2





#39
1,2-Dichloropropane
Concen: 22.054 ug/l
RT: 9.491 min Scan# 21
Delta R.T. -0.003 min
Lab File: VN069656.D
Acq: 26 Nov 2021 14:01

Instrument :

MSVOA_N

ClientSampleId :

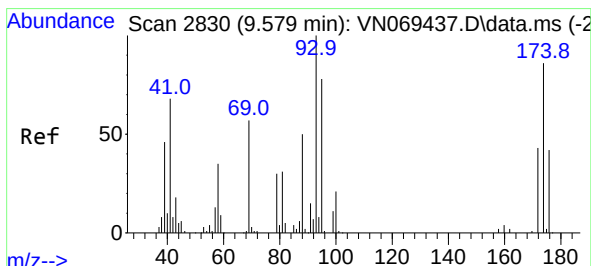
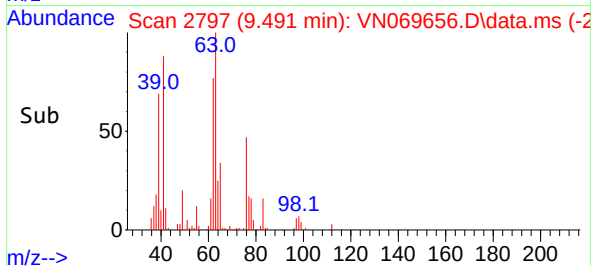
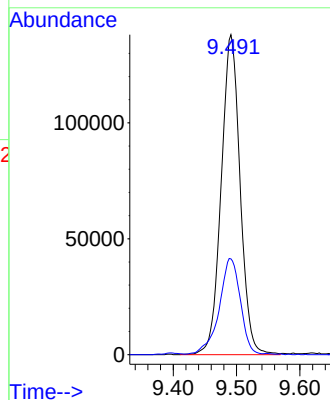
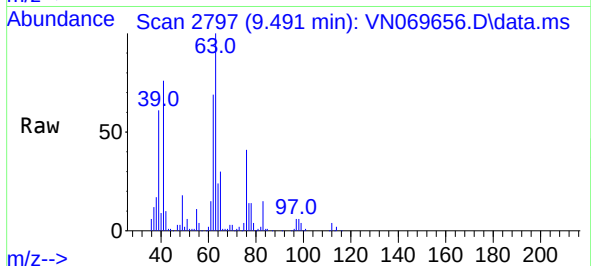
VSTDCCC020EC

Tgt Ion: 63 Resp: 28715
Ion Ratio Lower Upper
63 100
65 29.6 24.2 36.4

Manual Integrations

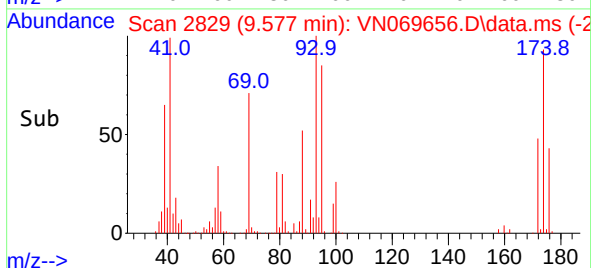
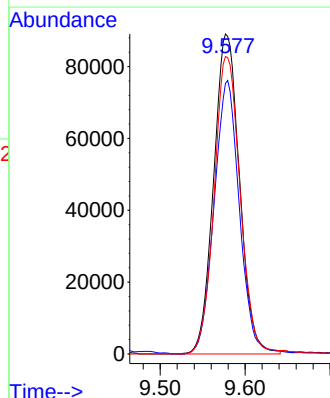
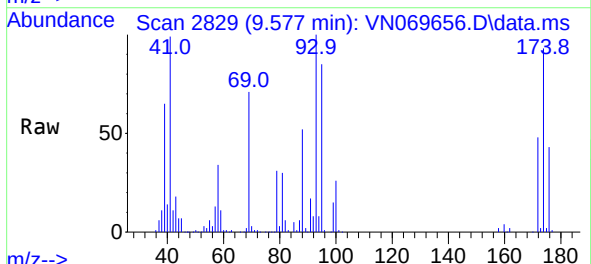
APPROVED

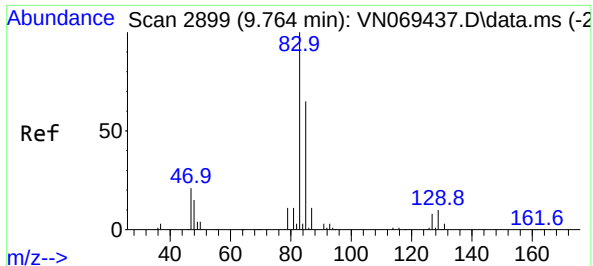
Reviewed By :John Carlone 11/29/2021
Supervised By :Mahesh Dadoda 11/29/2021



#40
Dibromomethane
Concen: 21.607 ug/l
RT: 9.577 min Scan# 2829
Delta R.T. -0.003 min
Lab File: VN069656.D
Acq: 26 Nov 2021 14:01

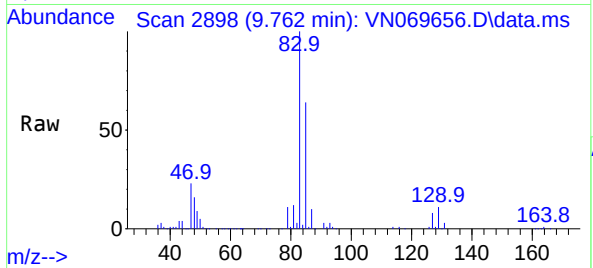
Tgt Ion: 93 Resp: 188418
Ion Ratio Lower Upper
93 100
95 83.7 0.0 168.8
174 93.1 0.0 173.6





#41
Bromodichloromethane
Concen: 21.635 ug/l
RT: 9.762 min Scan# 21
Delta R.T. -0.003 min
Lab File: VN069656.D
Acq: 26 Nov 2021 14:01

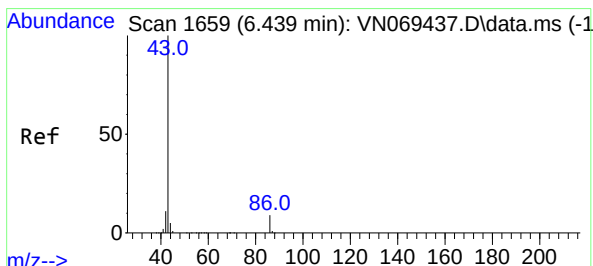
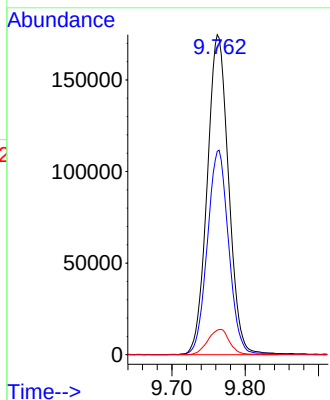
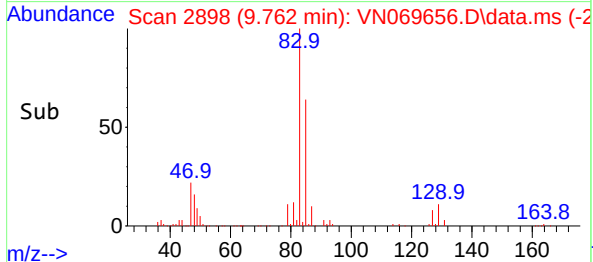
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 83 Resp: 354114
Ion Ratio Lower Upper
83 100
85 63.6 54.1 81.1
127 7.7 7.6 11.4

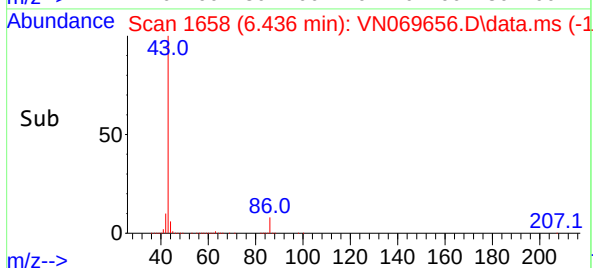
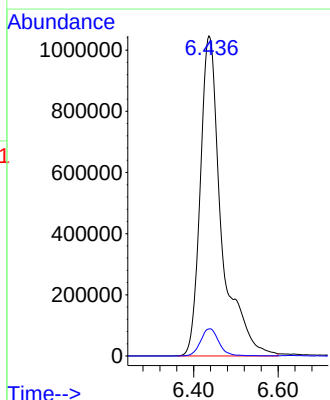
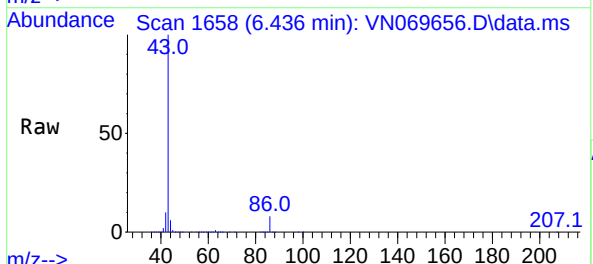
Manual Integrations
APPROVED

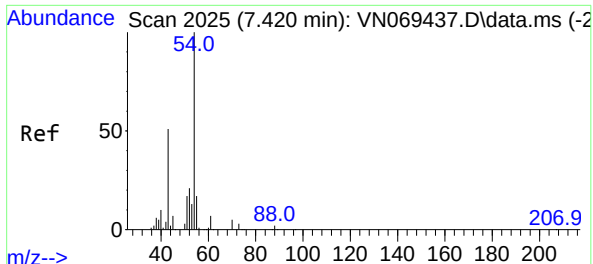
Reviewed By :John Carlone 11/29/2021
Supervised By :Mahesh Dadoda 11/29/2021



#42
Vinyl Acetate
Concen: 110.438 ug/l m
RT: 6.436 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN069656.D
Acq: 26 Nov 2021 14:01

Tgt Ion: 43 Resp: 3652149
Ion Ratio Lower Upper
43 100
86 7.3 7.5 11.3#





#43
Ethyl Acetate
Concen: 22.766 ug/l
RT: 7.415 min Scan# 2025
Delta R.T. 0.003 min
Lab File: VN069656.D
Acq: 26 Nov 2021 14:01

Instrument :

MSVOA_N

ClientSampleId :

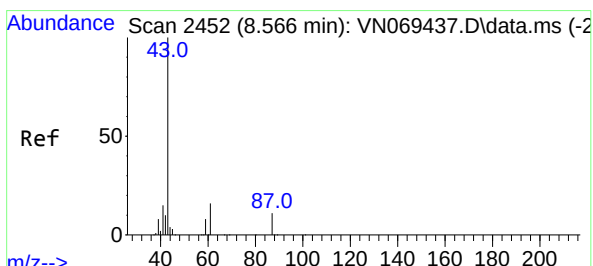
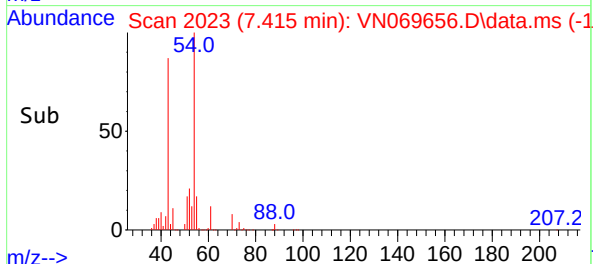
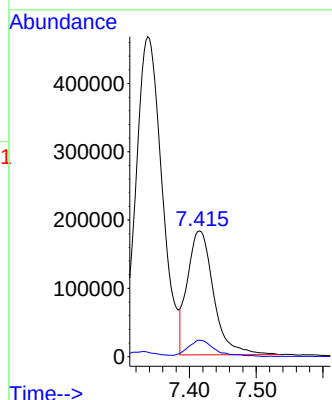
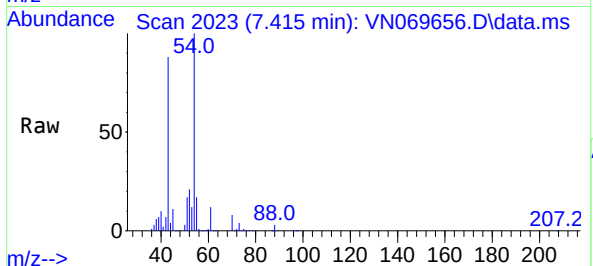
VSTDCCC020EC

Tgt Ion: 43 Resp: 493700
Ion Ratio Lower Upper
43 100
45 11.0 10.6 16.0

Manual Integrations

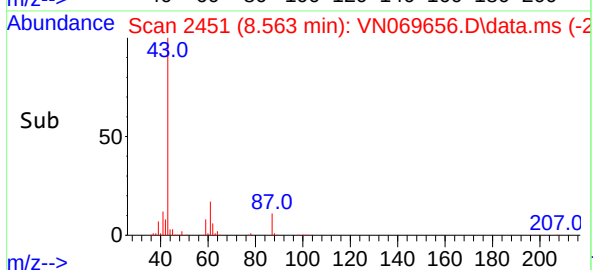
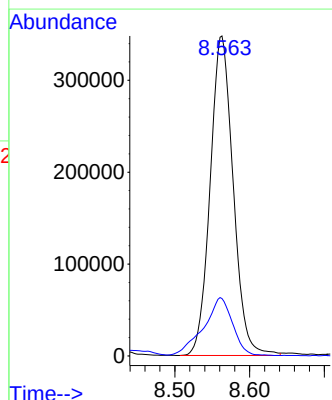
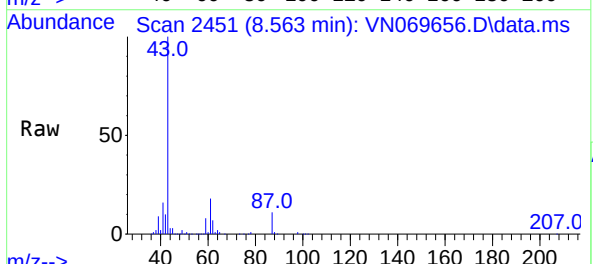
APPROVED

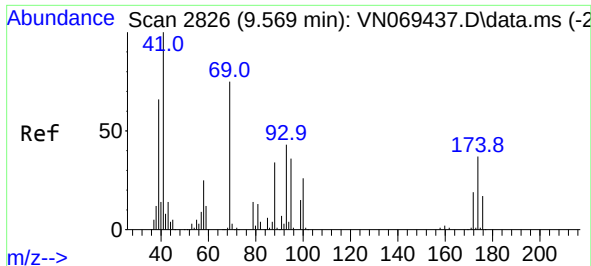
Reviewed By :John Carlone 11/29/2021
Supervised By :Mahesh Dadoda 11/29/2021



#44
Isopropyl Acetate
Concen: 21.993 ug/l
RT: 8.563 min Scan# 2451
Delta R.T. 0.003 min
Lab File: VN069656.D
Acq: 26 Nov 2021 14:01

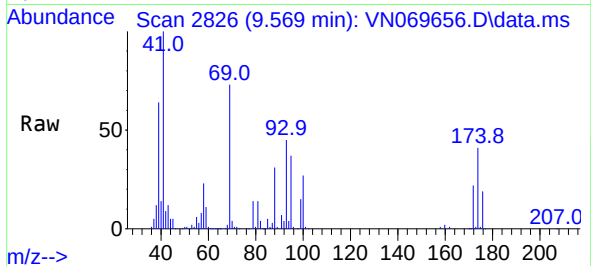
Tgt Ion: 43 Resp: 743578
Ion Ratio Lower Upper
43 100
61 22.9 20.1 30.1





#45
1,4-Dioxane
Concen: 403.127 ug/l
RT: 9.569 min Scan# 2826
Delta R.T. 0.000 min
Lab File: VN069656.D
Acq: 26 Nov 2021 14:01

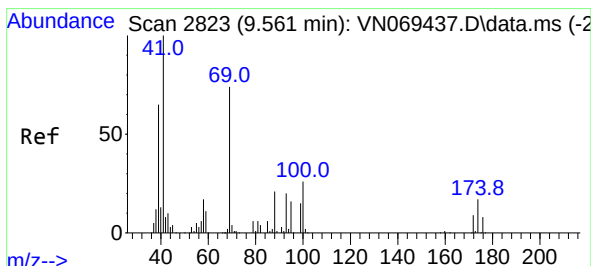
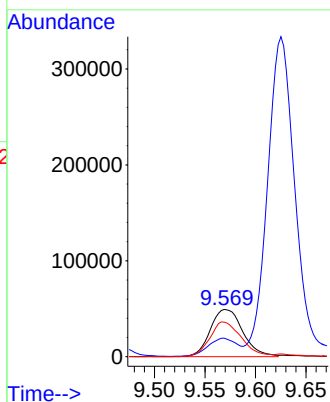
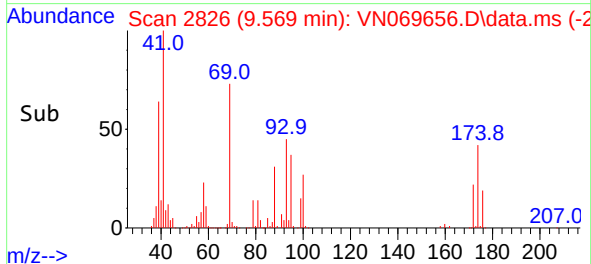
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



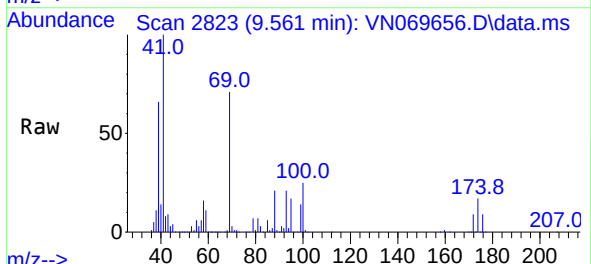
Tgt Ion: 88 Resp: 110637
Ion Ratio Lower Upper
88 100
43 34.1 25.0 37.6
58 70.5 49.4 74.2

Manual Integrations
APPROVED

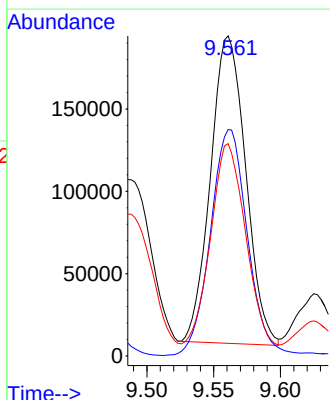
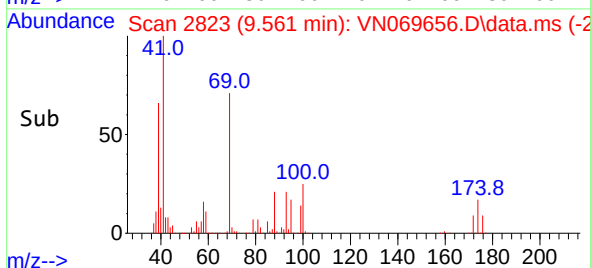
Reviewed By :John Carlone 11/29/2021
Supervised By :Mahesh Dadoda 11/29/2021

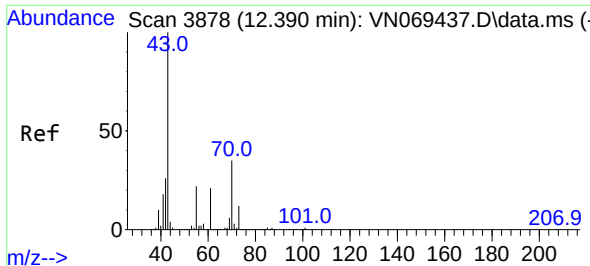


#46
Methyl methacrylate
Concen: 21.973 ug/l
RT: 9.561 min Scan# 2823
Delta R.T. 0.000 min
Lab File: VN069656.D
Acq: 26 Nov 2021 14:01



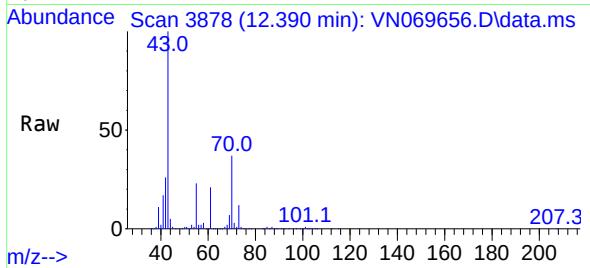
Tgt Ion: 41 Resp: 342145
Ion Ratio Lower Upper
41 100
69 73.3 44.4 133.2
39 66.0 39.9 119.6





#47
n-amy1 Acetate
Concen: 17.792 ug/l
RT: 12.390 min Scan# 3878
Delta R.T. 0.000 min
Lab File: VN069656.D
Acq: 26 Nov 2021 14:01

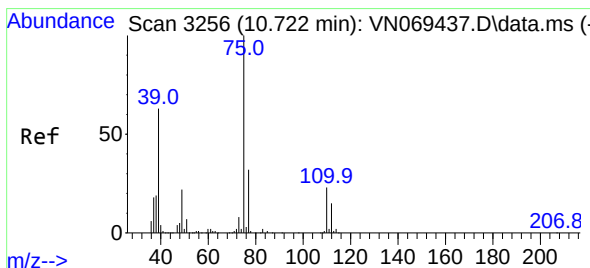
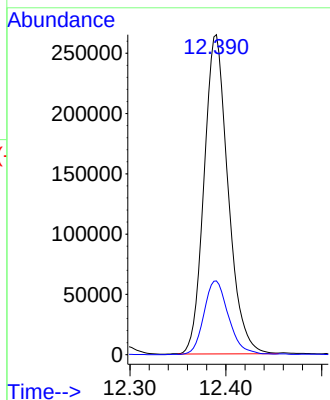
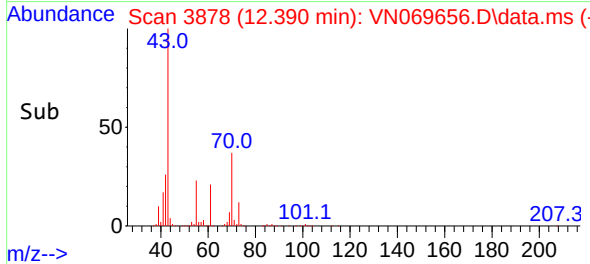
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



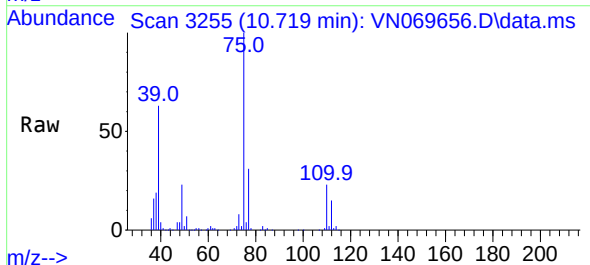
Tgt Ion: 43 Resp: 46191
Ion Ratio Lower Upper
43 100
55 23.6 19.0 28.6

Manual Integrations
APPROVED

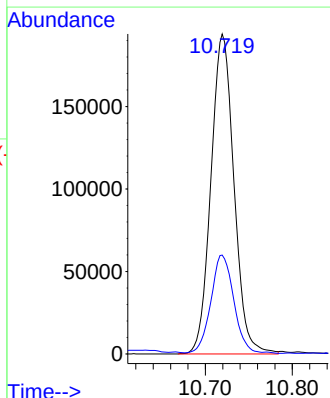
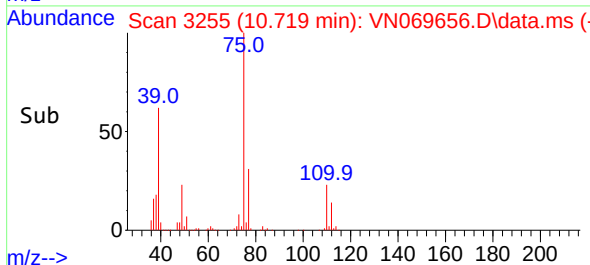
Reviewed By :John Carlone 11/29/2021
Supervised By :Mahesh Dadoda 11/29/2021

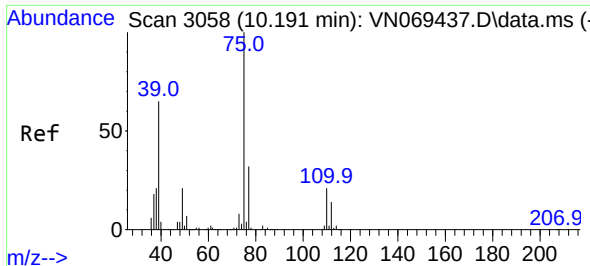


#48
t-1,3-Dichloropropene
Concen: 20.308 ug/l
RT: 10.719 min Scan# 3255
Delta R.T. 0.000 min
Lab File: VN069656.D
Acq: 26 Nov 2021 14:01



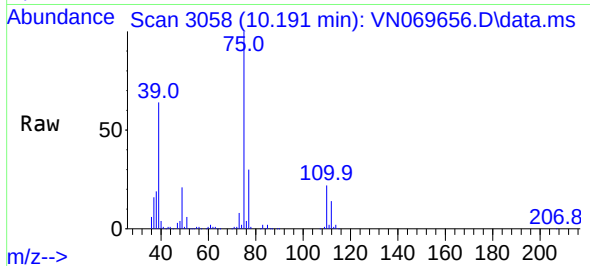
Tgt Ion: 75 Resp: 356727
Ion Ratio Lower Upper
75 100
77 30.7 25.3 37.9





#49
cis-1,3-Dichloropropene
Concen: 21.064 ug/l
RT: 10.191 min Scan# 3058
Delta R.T. 0.000 min
Lab File: VN069656.D
Acq: 26 Nov 2021 14:01

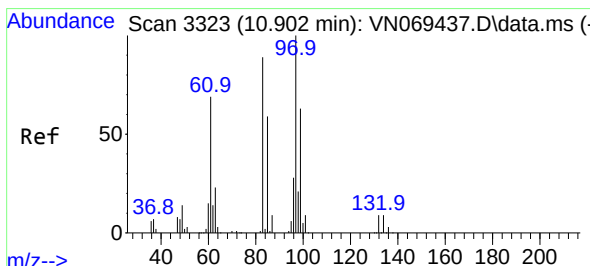
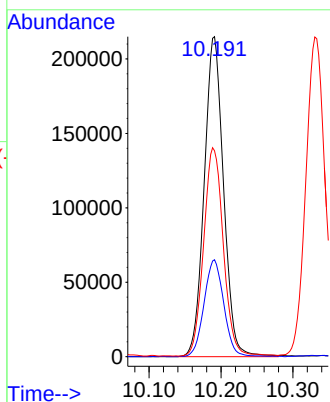
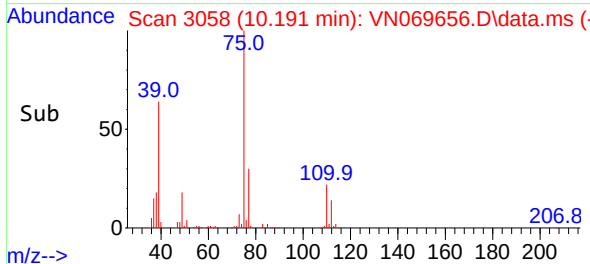
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



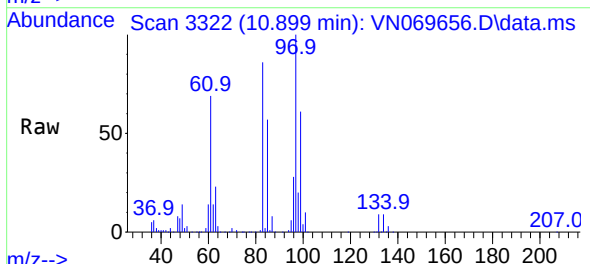
Tgt Ion: 75 Resp: 402627
Ion Ratio Lower Upper
75 100
77 30.3 25.3 37.9
39 64.1 46.2 69.4

Manual Integrations
APPROVED

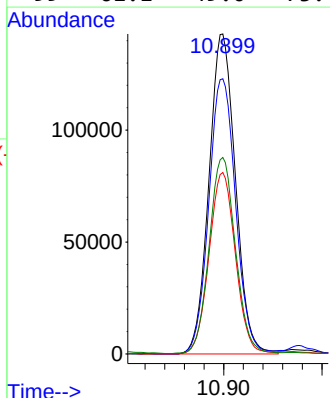
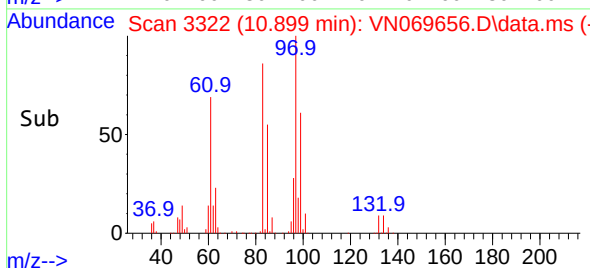
Reviewed By :John Carlone 11/29/2021
Supervised By :Mahesh Dadoda 11/29/2021

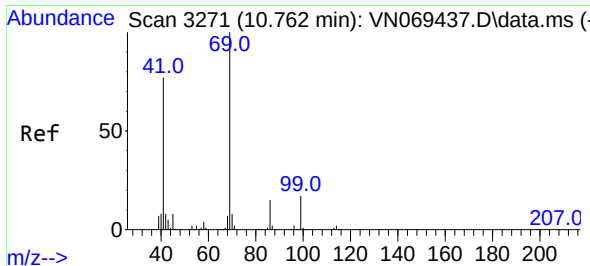


#50
1,1,2-Trichloroethane
Concen: 21.570 ug/l
RT: 10.899 min Scan# 3322
Delta R.T. 0.000 min
Lab File: VN069656.D
Acq: 26 Nov 2021 14:01



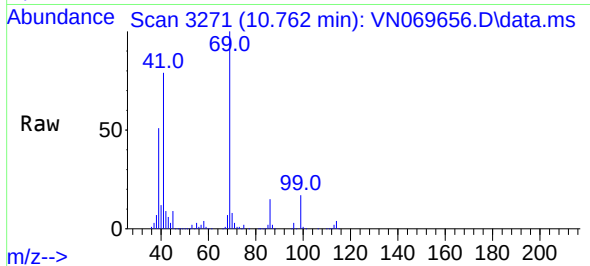
Tgt Ion: 97 Resp: 267105
Ion Ratio Lower Upper
97 100
83 86.0 67.2 100.8
85 56.7 43.0 64.4
99 61.1 49.0 73.4





#51
Ethyl methacrylate
Concen: 20.623 ug/l
RT: 10.762 min Scan# 3271
Delta R.T. 0.000 min
Lab File: VN069656.D
Acq: 26 Nov 2021 14:01

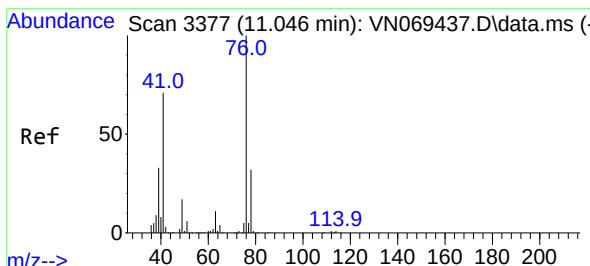
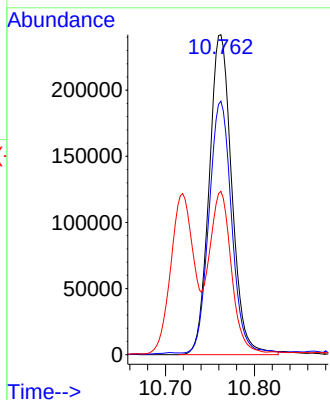
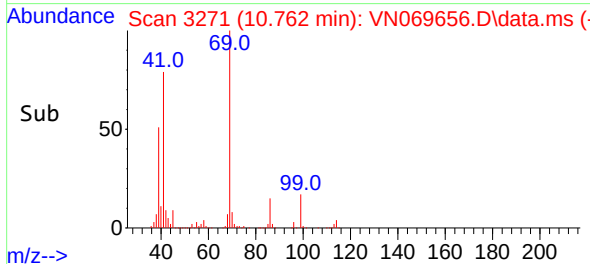
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 69 Resp: 428168
Ion Ratio Lower Upper
69 100
41 78.6 33.0 98.9
39 50.2 25.4 76.4

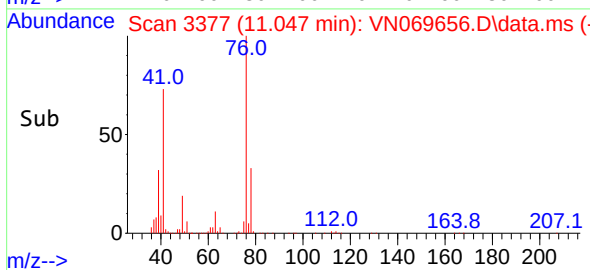
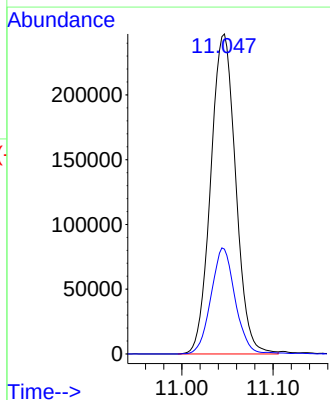
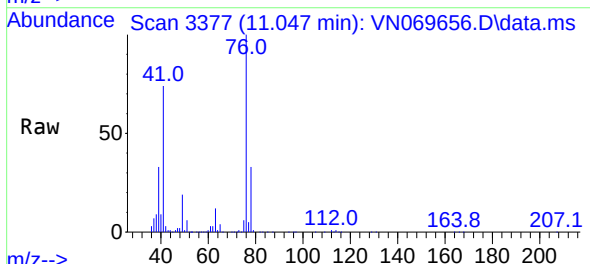
Manual Integrations
APPROVED

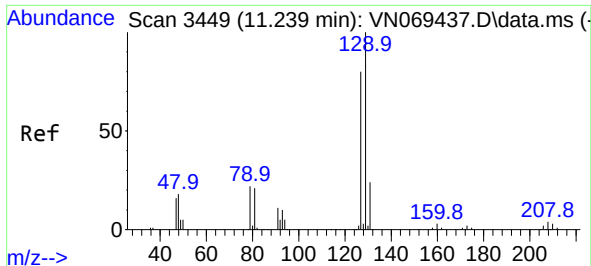
Reviewed By :John Carlone 11/29/2021
Supervised By :Mahesh Dadoda 11/29/2021



#52
1,3-Dichloropropane
Concen: 21.978 ug/l
RT: 11.047 min Scan# 3377
Delta R.T. 0.000 min
Lab File: VN069656.D
Acq: 26 Nov 2021 14:01

Tgt Ion: 76 Resp: 470104
Ion Ratio Lower Upper
76 100
78 31.7 0.0 65.4





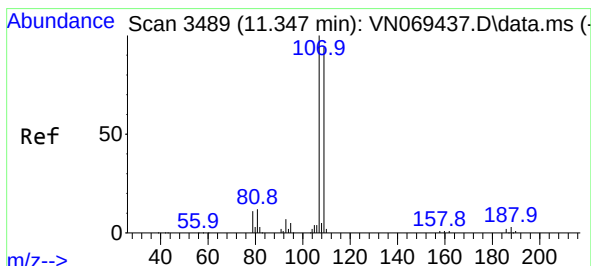
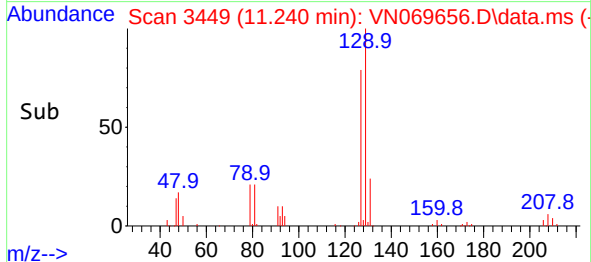
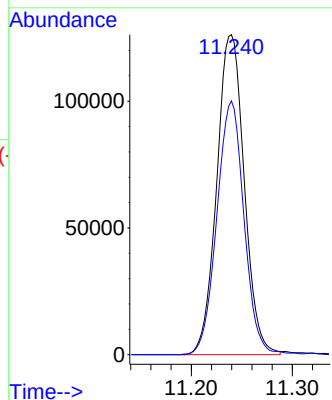
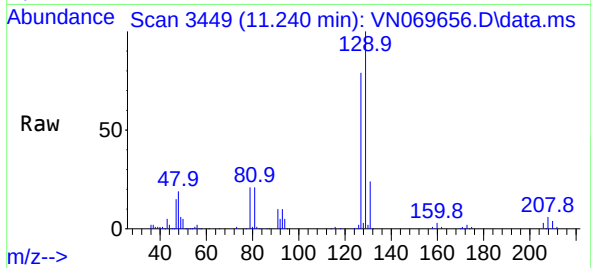
#53
Dibromochloromethane
Concen: 20.165 ug/l
RT: 11.240 min Scan# 3449
Delta R.T. 0.000 min
Lab File: VN069656.D
Acq: 26 Nov 2021 14:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:129 Resp: 238614
Ion Ratio Lower Upper
129 100
127 78.2 39.0 117.0

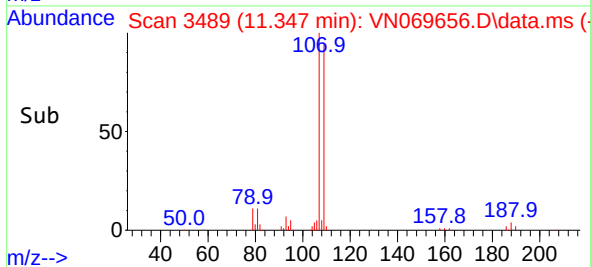
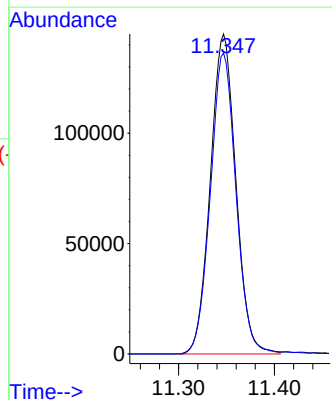
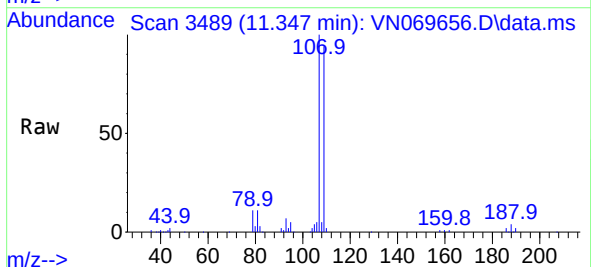
Manual Integrations
APPROVED

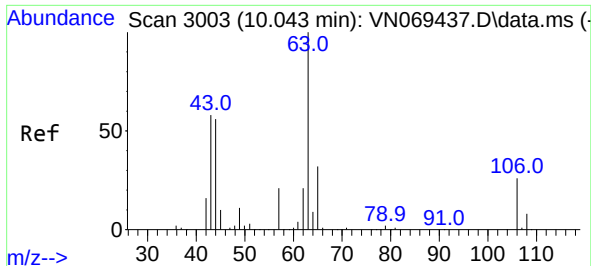
Reviewed By :John Carlone 11/29/2021
Supervised By :Mahesh Dadoda 11/29/2021



#54
1,2-Dibromoethane
Concen: 20.876 ug/l
RT: 11.347 min Scan# 3489
Delta R.T. 0.000 min
Lab File: VN069656.D
Acq: 26 Nov 2021 14:01

Tgt Ion:107 Resp: 267732
Ion Ratio Lower Upper
107 100
109 94.3 72.8 109.2





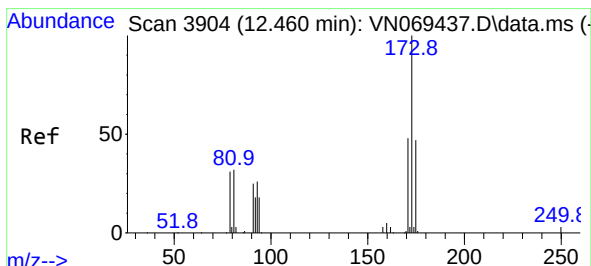
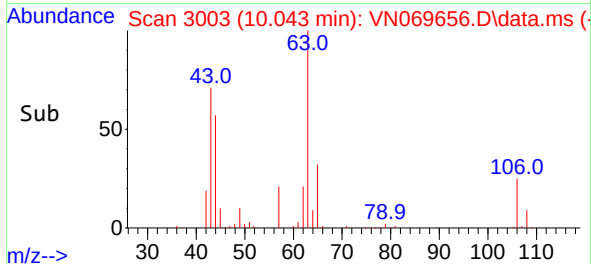
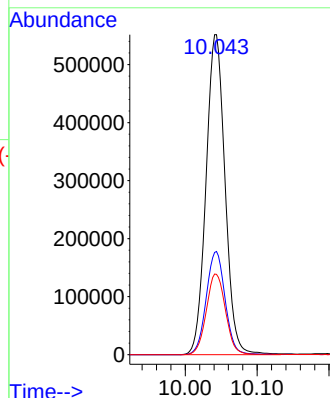
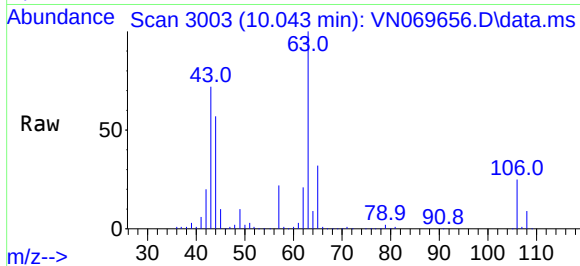
#55
2-Chloroethyl vinyl ether
Concen: 214.923 ug/l
RT: 10.043 min Scan# 3003
Delta R.T. 0.000 min
Lab File: VN069656.D
Acq: 26 Nov 2021 14:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 63 Resp: 101498
Ion Ratio Lower Upper
63 100
65 32.1 25.4 38.0
106 25.4 23.2 34.8

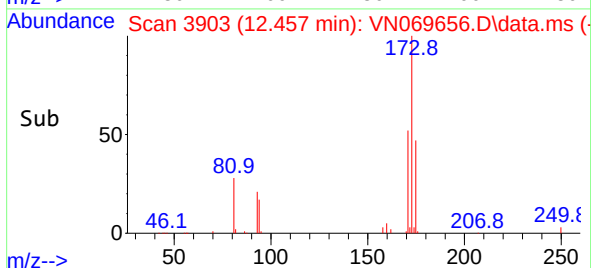
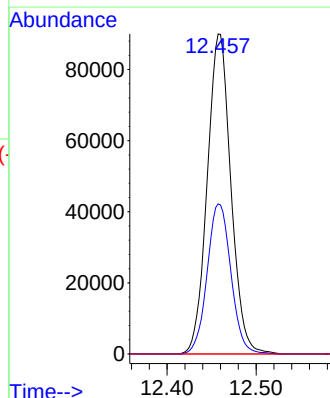
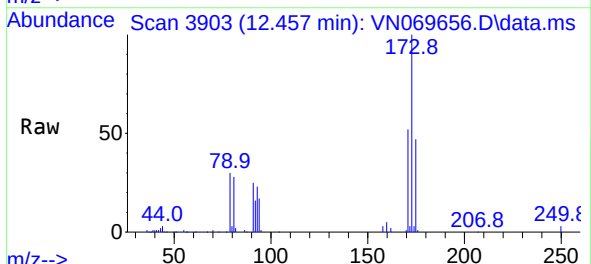
Manual Integrations
APPROVED

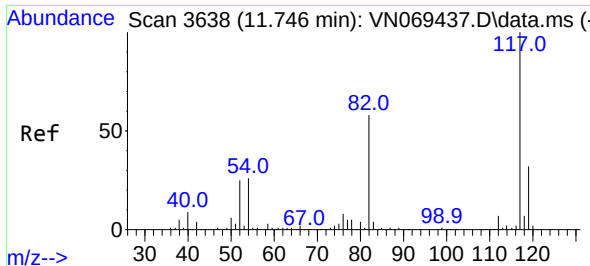
Reviewed By :John Carlone 11/29/2021
Supervised By :Mahesh Dadoda 11/29/2021



#56
Bromoform
Concen: 19.594 ug/l
RT: 12.457 min Scan# 3903
Delta R.T. -0.003 min
Lab File: VN069656.D
Acq: 26 Nov 2021 14:01

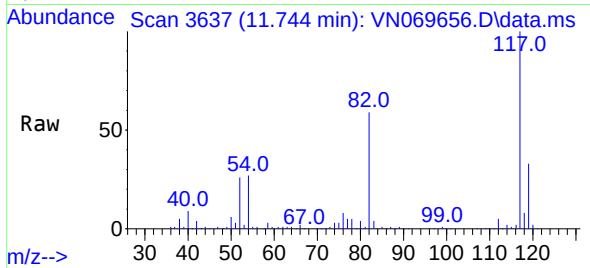
Tgt Ion:173 Resp: 166270
Ion Ratio Lower Upper
173 100
175 47.1 38.6 58.0
254 0.0 0.0 0.0





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.744 min Scan# 30
Delta R.T. -0.003 min
Lab File: VN069656.D
Acq: 26 Nov 2021 14:01

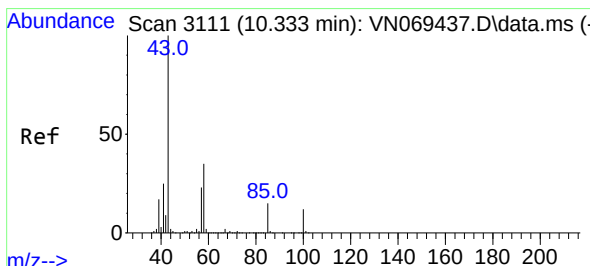
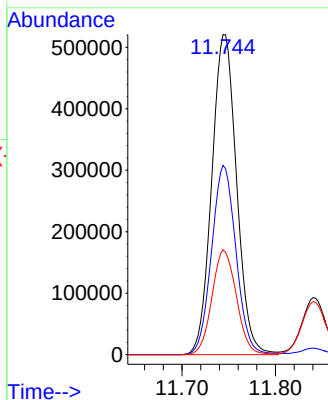
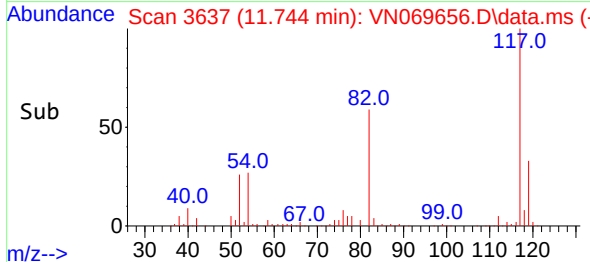
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



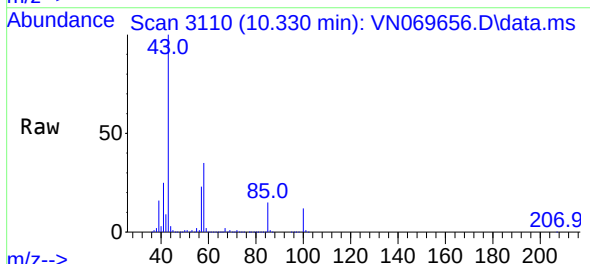
Tgt Ion:117 Resp: 961490
Ion Ratio Lower Upper
117 100
82 58.4 43.6 65.4
119 32.2 25.8 38.6

Manual Integrations
APPROVED

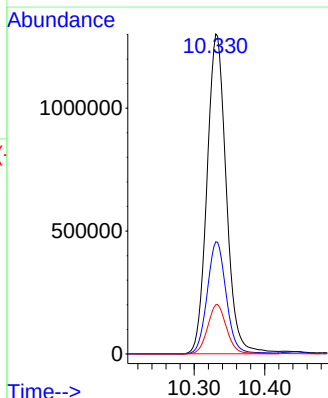
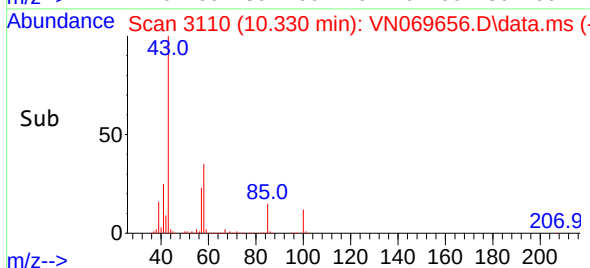
Reviewed By :John Carlone 11/29/2021
Supervised By :Mahesh Dadoda 11/29/2021

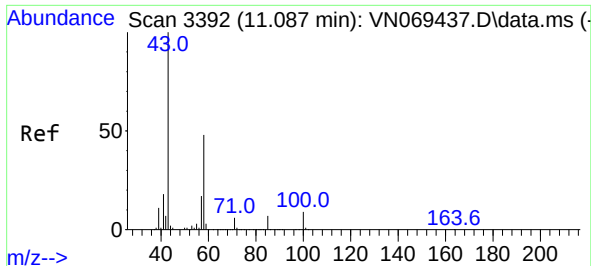


#58
4-Methyl-2-Pentanone
Concen: 117.065 ug/l
RT: 10.330 min Scan# 3110
Delta R.T. 0.000 min
Lab File: VN069656.D
Acq: 26 Nov 2021 14:01



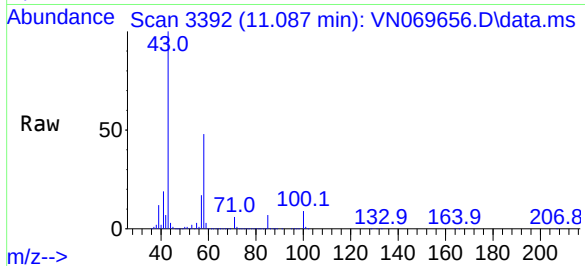
Tgt Ion: 43 Resp: 2470718
Ion Ratio Lower Upper
43 100
58 34.8 30.0 45.0
85 15.2 15.0 22.6





#59
2-Hexanone
Concen: 109.101 ug/l
RT: 11.087 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN069656.D
Acq: 26 Nov 2021 14:01

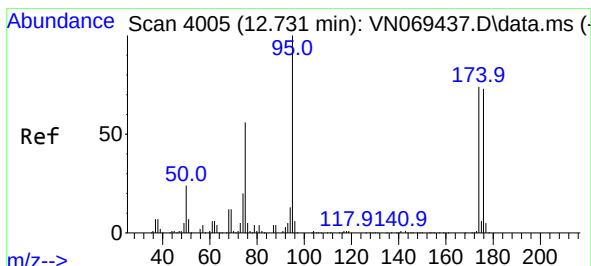
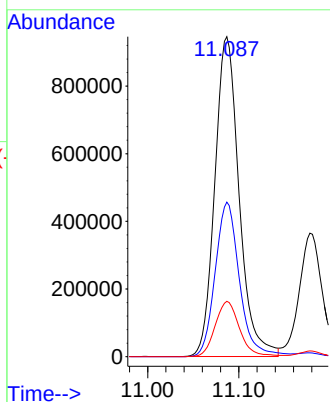
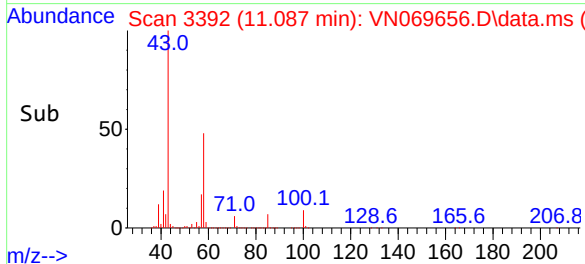
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



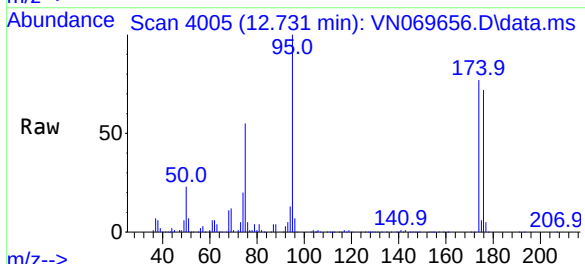
Tgt Ion: 43 Resp: 1751520
Ion Ratio Lower Upper
43 100
58 48.4 42.2 63.2
57 17.5 15.0 22.4

Manual Integrations
APPROVED

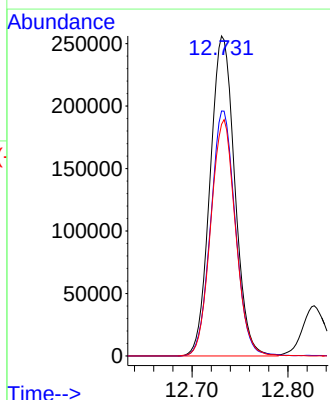
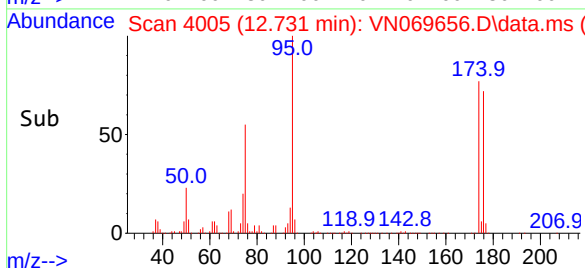
Reviewed By :John Carlone 11/29/2021
Supervised By :Mahesh Dadoda 11/29/2021

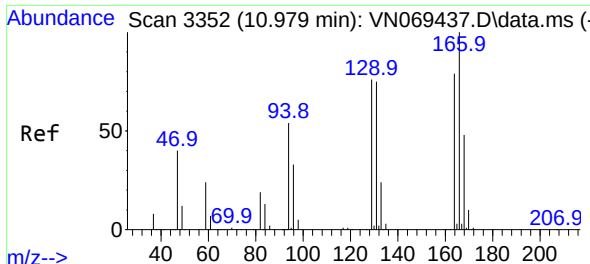


#60
4-Bromofluorobenzene
Concen: 29.711 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.003 min
Lab File: VN069656.D
Acq: 26 Nov 2021 14:01



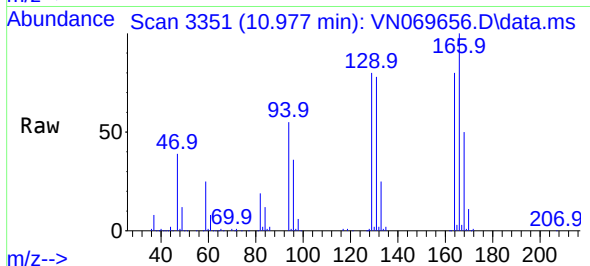
Tgt Ion: 95 Resp: 457143
Ion Ratio Lower Upper
95 100
174 76.5 62.9 94.3
176 74.0 61.0 91.4





#61
Tetrachloroethene
Concen: 23.105 ug/l
RT: 10.977 min Scan# 3175
Delta R.T. -0.003 min
Lab File: VN069656.D
Acq: 26 Nov 2021 14:01

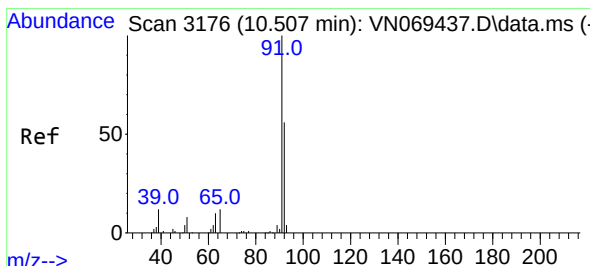
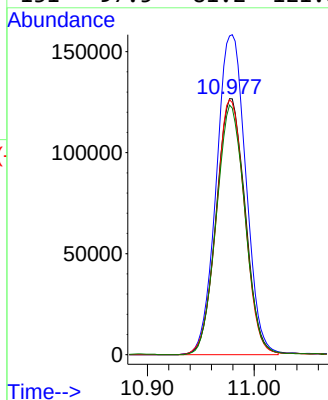
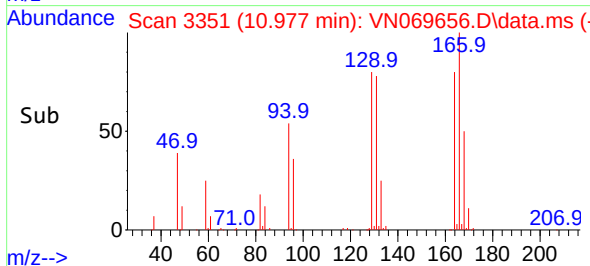
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



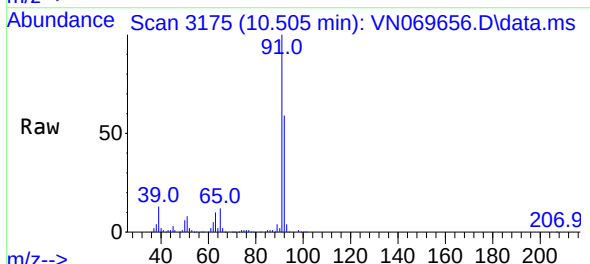
Tgt Ion:164 Resp: 238434
Ion Ratio Lower Upper
164 100
166 124.5 105.8 158.8
129 99.6 82.5 123.7
131 97.5 81.2 121.8

Manual Integrations
APPROVED

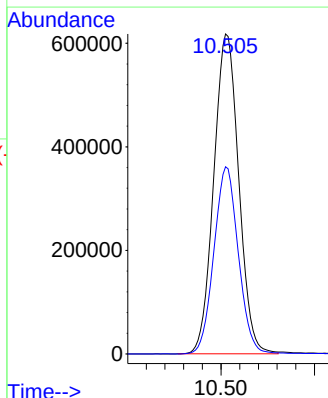
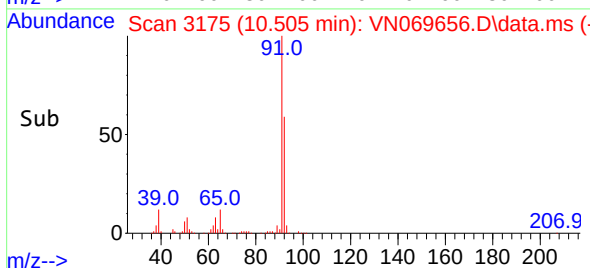
Reviewed By :John Carlone 11/29/2021
Supervised By :Mahesh Dadoda 11/29/2021

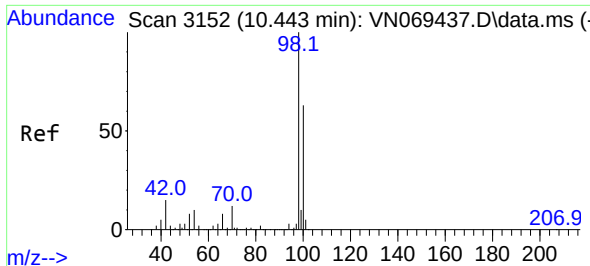


#62
Toluene
Concen: 21.711 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.003 min
Lab File: VN069656.D
Acq: 26 Nov 2021 14:01



Tgt Ion: 91 Resp: 1147131
Ion Ratio Lower Upper
91 100
92 57.2 44.6 67.0





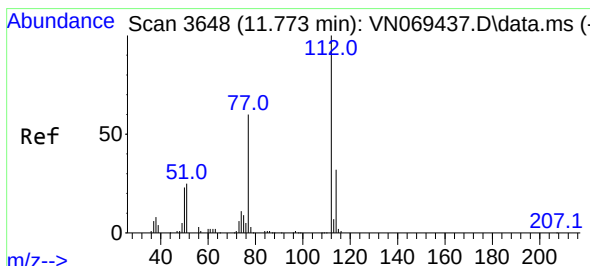
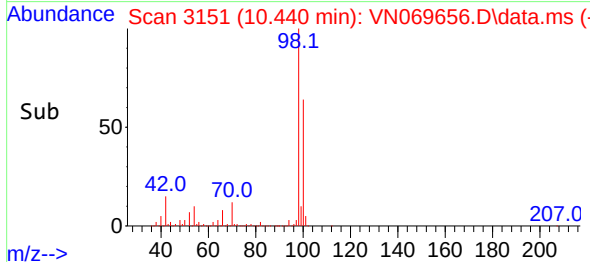
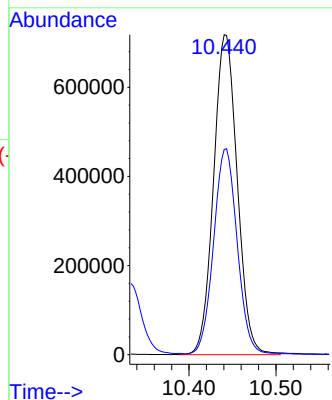
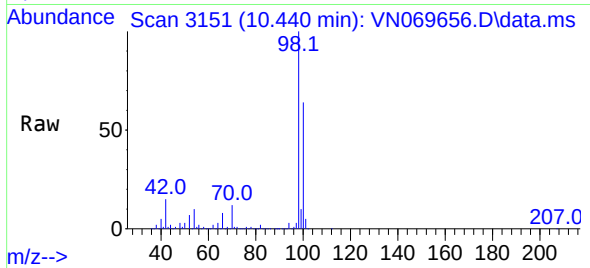
#63
Toluene-d8
Concen: 30.623 ug/l
RT: 10.440 min Scan# 3152
Delta R.T. -0.003 min
Lab File: VN069656.D
Acq: 26 Nov 2021 14:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 98 Resp: 1359519
Ion Ratio Lower Upper
98 100
100 63.6 50.6 76.0

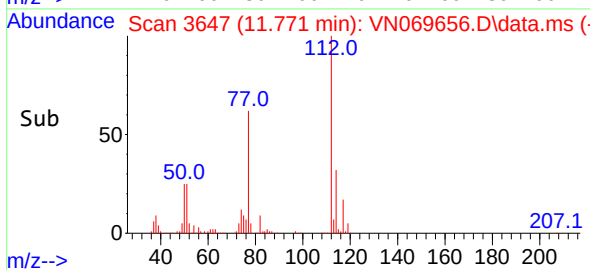
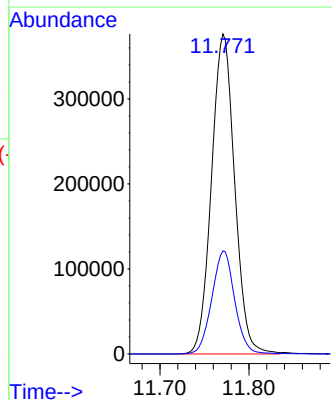
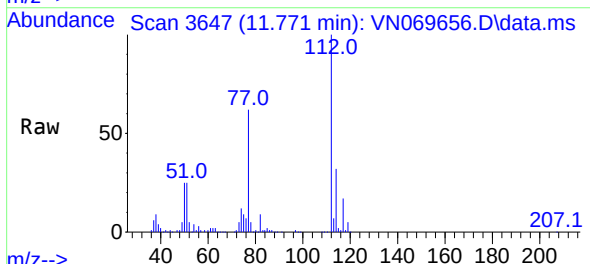
Manual Integrations
APPROVED

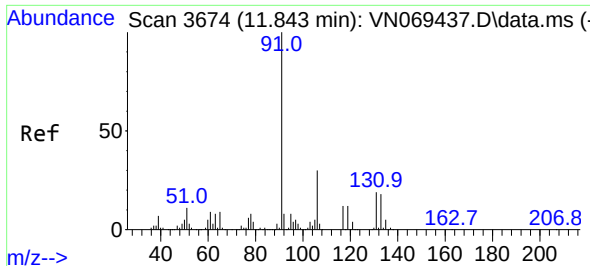
Reviewed By :John Carlone 11/29/2021
Supervised By :Mahesh Dadoda 11/29/2021



#64
Chlorobenzene
Concen: 21.449 ug/l
RT: 11.771 min Scan# 3647
Delta R.T. -0.003 min
Lab File: VN069656.D
Acq: 26 Nov 2021 14:01

Tgt Ion:112 Resp: 679928
Ion Ratio Lower Upper
112 100
114 32.2 25.8 38.6





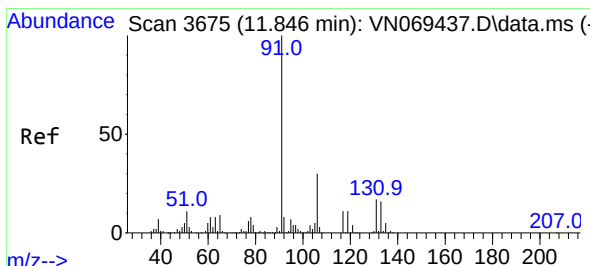
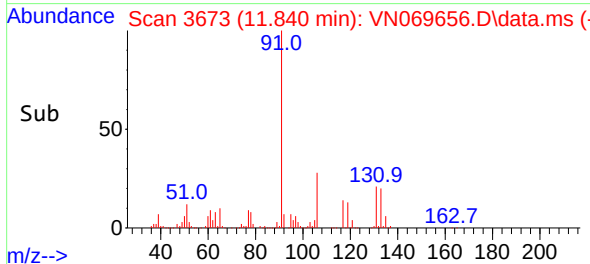
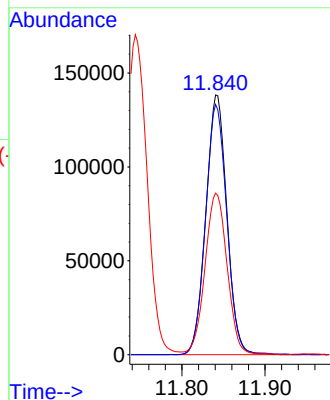
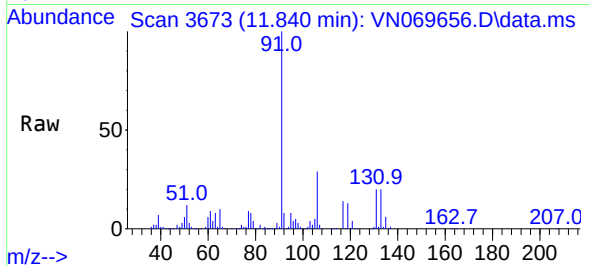
#65
1,1,1,2-Tetrachloroethane
Concen: 21.814 ug/l
RT: 11.840 min Scan# 3674
Delta R.T. -0.003 min
Lab File: VN069656.D
Acq: 26 Nov 2021 14:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:131 Resp: 243448
Ion Ratio Lower Upper
131 100
133 96.8 0.0 191.2
119 64.4 0.0 128.8

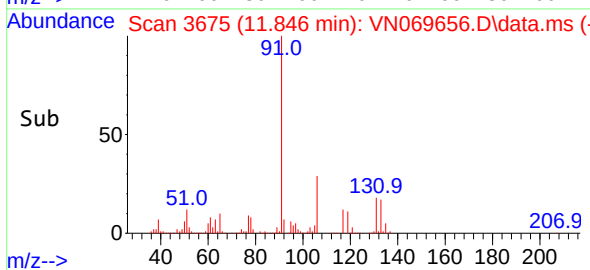
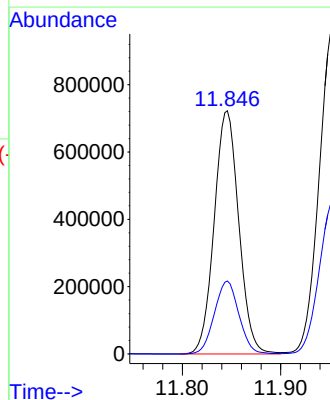
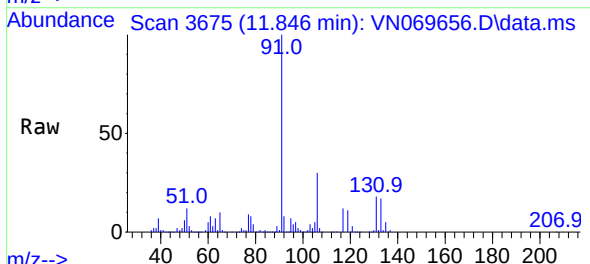
Manual Integrations
APPROVED

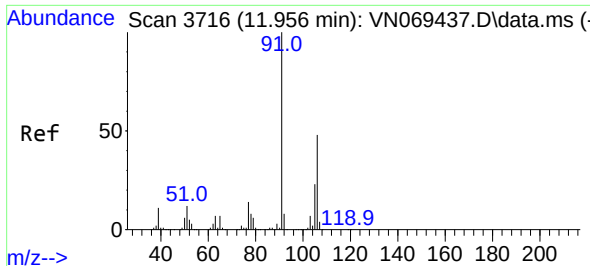
Reviewed By :John Carlone 11/29/2021
Supervised By :Mahesh Dadoda 11/29/2021



#66
Ethyl Benzene
Concen: 21.428 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. -0.003 min
Lab File: VN069656.D
Acq: 26 Nov 2021 14:01

Tgt Ion: 91 Resp: 1253133
Ion Ratio Lower Upper
91 100
106 30.0 24.0 36.0





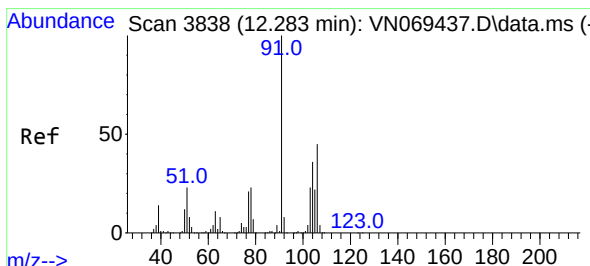
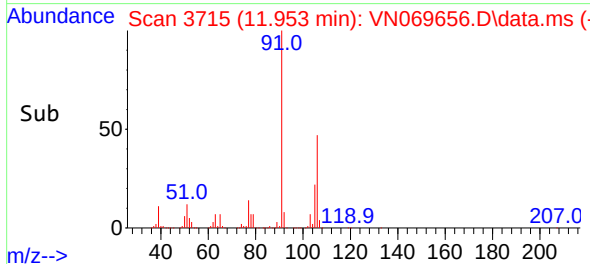
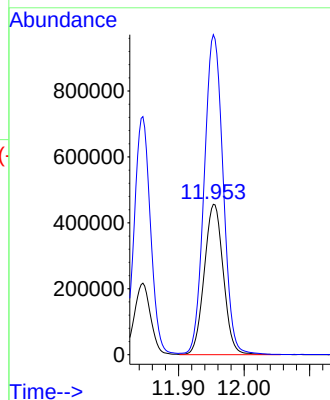
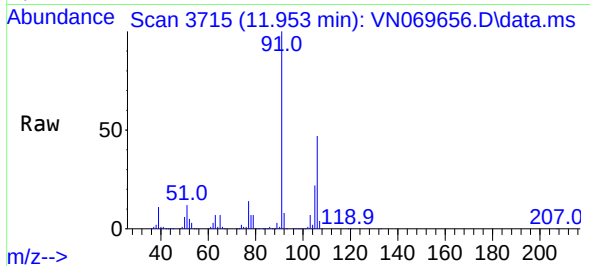
#67
m/p-Xylenes
Concen: 42.345 ug/l
RT: 11.953 min Scan# 31
Delta R.T. -0.003 min
Lab File: VN069656.D
Acq: 26 Nov 2021 14:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:106 Resp: 91978
Ion Ratio Lower Upper
106 100
91 210.9 162.9 244.3

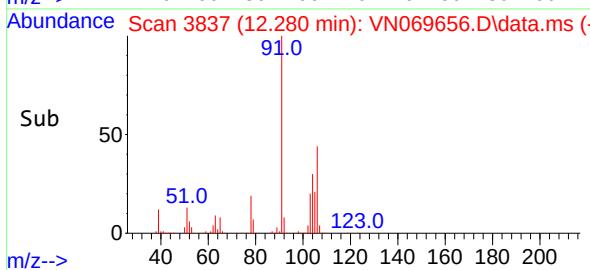
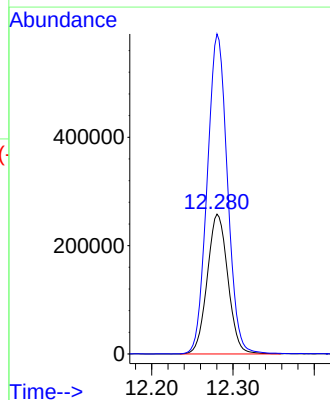
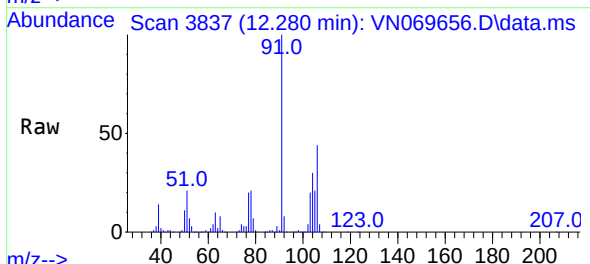
Manual Integrations
APPROVED

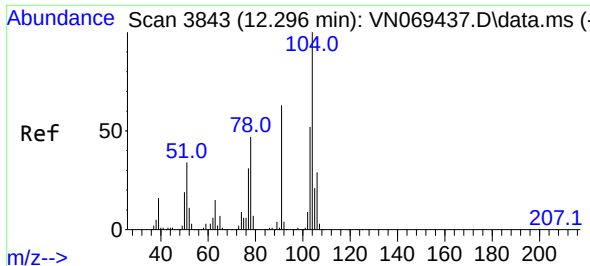
Reviewed By :John Carlone 11/29/2021
Supervised By :Mahesh Dadoda 11/29/2021



#68
o-Xylene
Concen: 20.976 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. -0.003 min
Lab File: VN069656.D
Acq: 26 Nov 2021 14:01

Tgt Ion:106 Resp: 456205
Ion Ratio Lower Upper
106 100
91 224.2 107.7 323.1





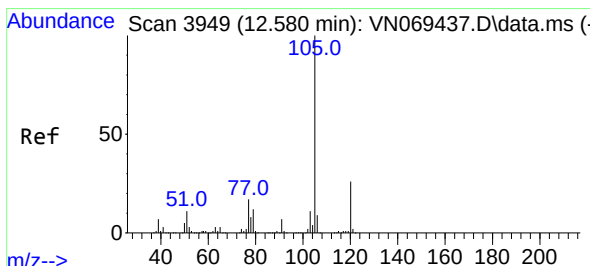
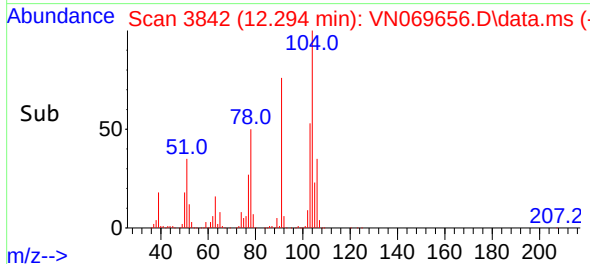
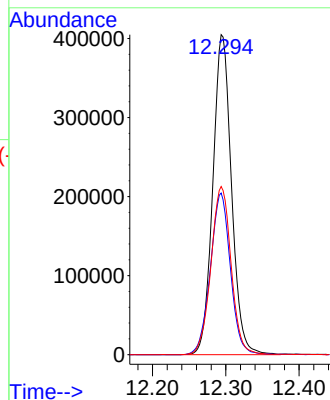
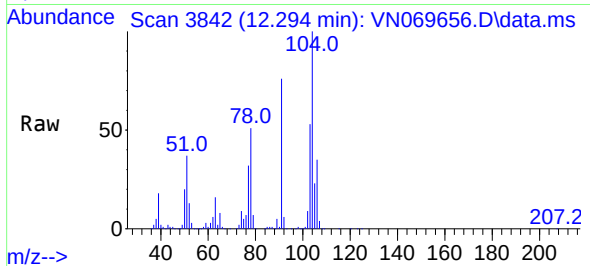
#69
Styrene
Concen: 20.359 ug/l
RT: 12.294 min Scan# 3843
Delta R.T. -0.003 min
Lab File: VN069656.D
Acq: 26 Nov 2021 14:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:104 Resp: 717849
Ion Ratio Lower Upper
104 100
78 54.3 40.7 61.1
103 56.7 45.8 68.8

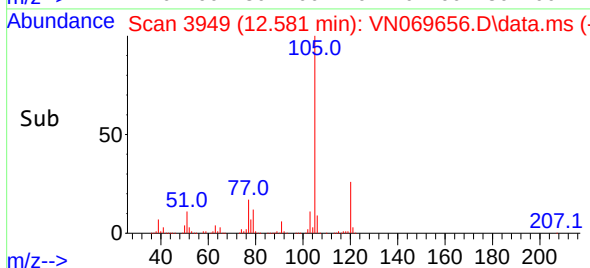
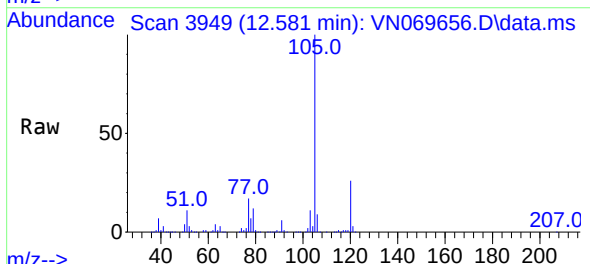
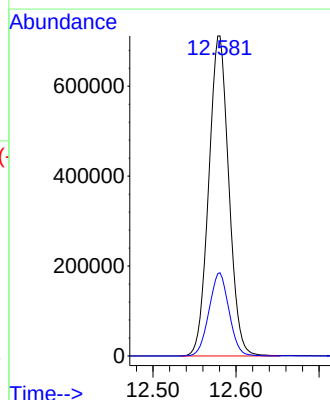
Manual Integrations
APPROVED

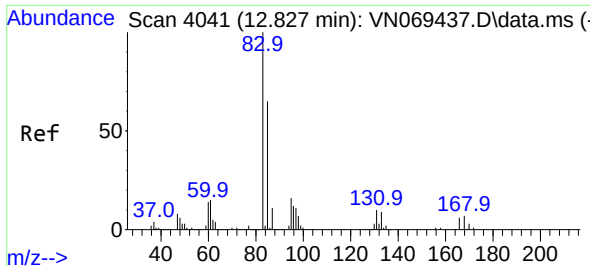
Reviewed By :John Carlone 11/29/2021
Supervised By :Mahesh Dadoda 11/29/2021



#70
Isopropylbenzene
Concen: 20.985 ug/l
RT: 12.581 min Scan# 3949
Delta R.T. 0.000 min
Lab File: VN069656.D
Acq: 26 Nov 2021 14:01

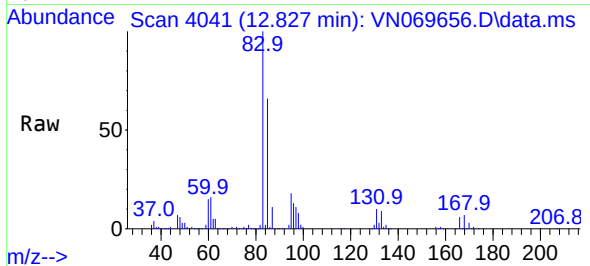
Tgt Ion:105 Resp: 1193606
Ion Ratio Lower Upper
105 100
120 25.8 18.3 34.1





#71
1,1,2,2-Tetrachloroethane
Concen: 21.363 ug/l
RT: 12.827 min Scan# 4041
Delta R.T. -0.003 min
Lab File: VN069656.D
Acq: 26 Nov 2021 14:01

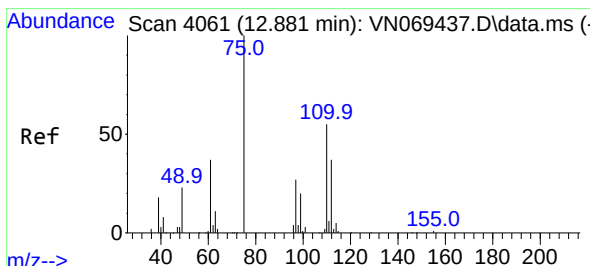
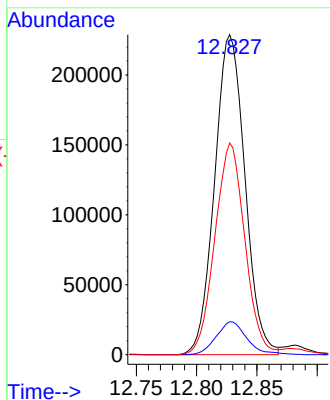
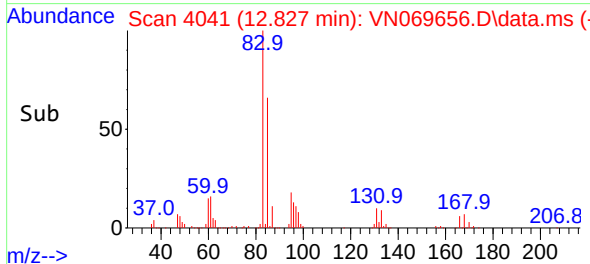
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



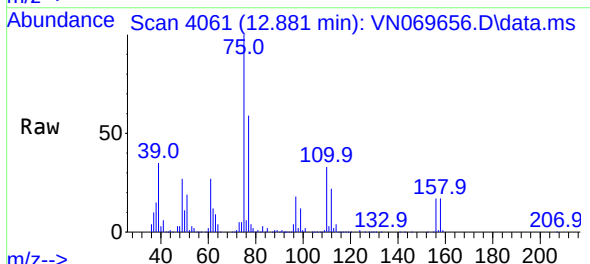
Tgt Ion: 83 Resp: 400948
Ion Ratio Lower Upper
83 100
131 10.4 5.1 15.3
85 65.2 33.1 99.2

Manual Integrations
APPROVED

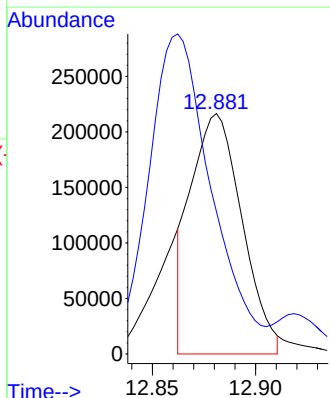
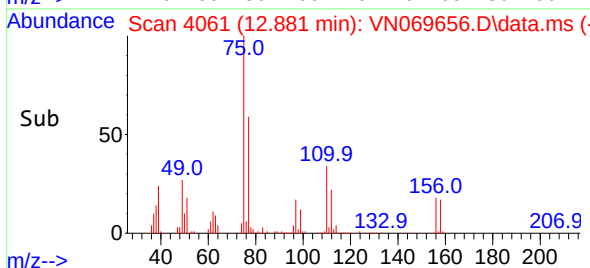
Reviewed By :John Carlone 11/29/2021
Supervised By :Mahesh Dadoda 11/29/2021

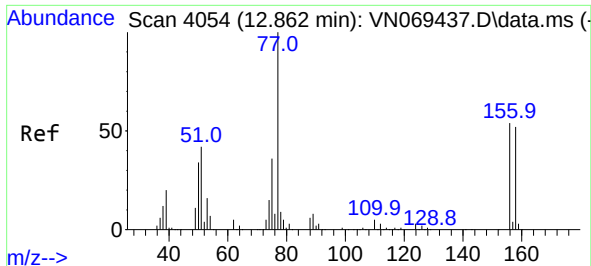


#72
1,2,3-Trichloropropane
Concen: 20.456 ug/l m
RT: 12.881 min Scan# 4061
Delta R.T. 0.000 min
Lab File: VN069656.D
Acq: 26 Nov 2021 14:01



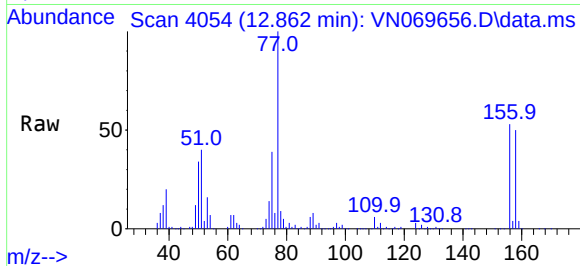
Tgt Ion: 75 Resp: 374004
Ion Ratio Lower Upper
75 100
77 164.1 0.0 378.0





#73
Bromobenzene
Concen: 20.799 ug/l
RT: 12.862 min Scan# 4054
Delta R.T. 0.000 min
Lab File: VN069656.D
Acq: 26 Nov 2021 14:01

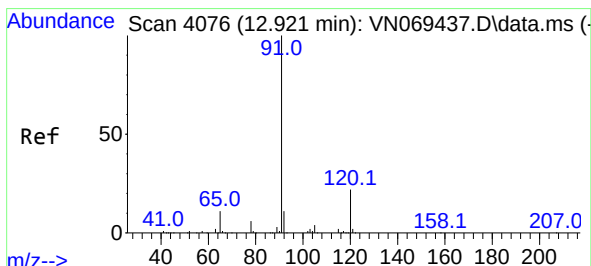
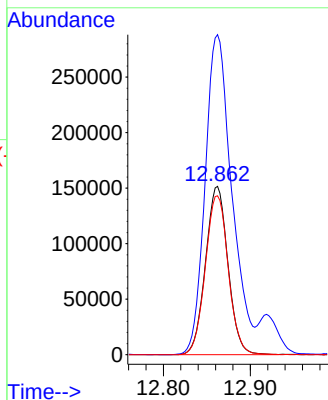
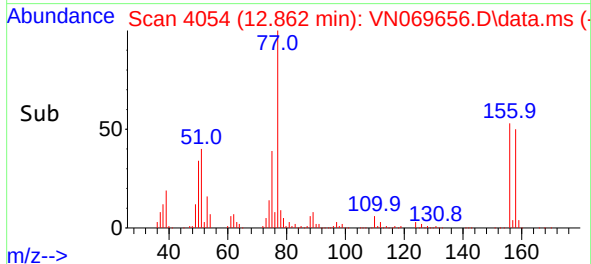
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



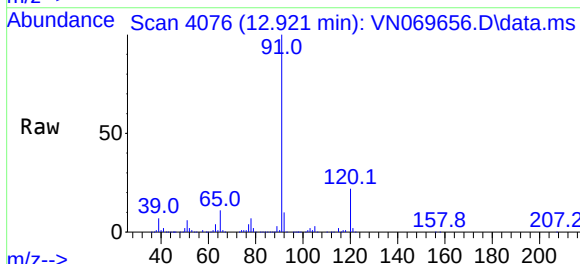
Tgt Ion:156 Resp: 272704
Ion Ratio Lower Upper
156 100
77 225.1 0.0 416.0
158 96.5 0.0 195.4

Manual Integrations
APPROVED

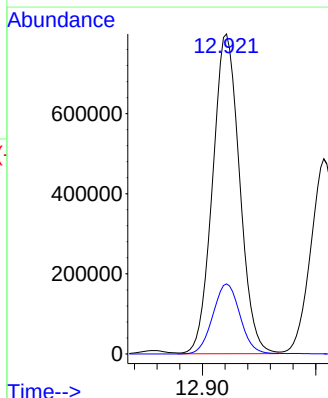
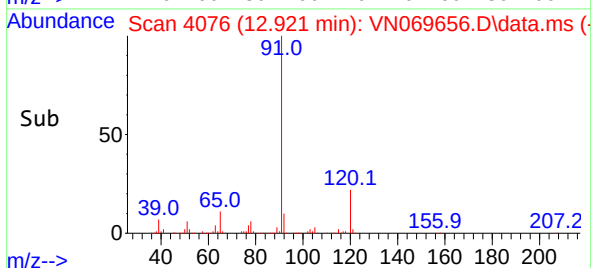
Reviewed By :John Carlone 11/29/2021
Supervised By :Mahesh Dadoda 11/29/2021

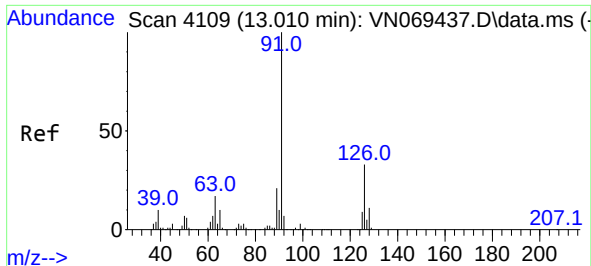


#74
n-propylbenzene
Concen: 20.235 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.000 min
Lab File: VN069656.D
Acq: 26 Nov 2021 14:01



Tgt Ion: 91 Resp: 1321795
Ion Ratio Lower Upper
91 100
120 22.1 0.0 45.0





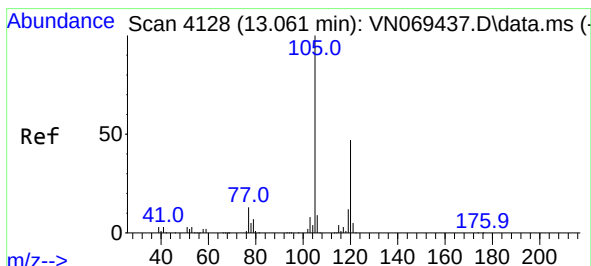
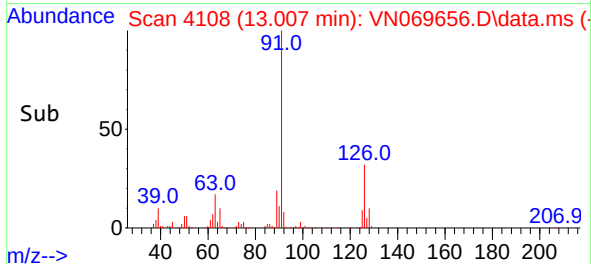
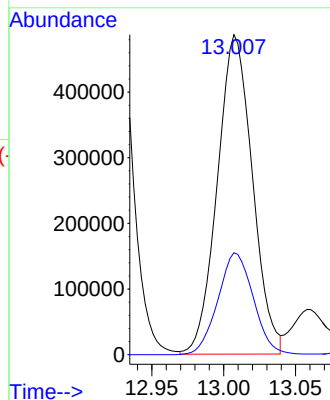
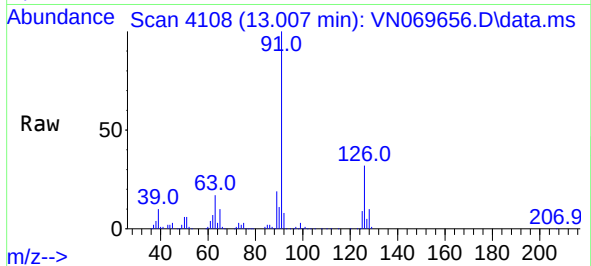
#75
2-Chlorotoluene
Concen: 20.773 ug/l
RT: 13.007 min Scan# 4109
Delta R.T. -0.003 min
Lab File: VN069656.D
Acq: 26 Nov 2021 14:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 91 Resp: 826059
Ion Ratio Lower Upper
91 100
126 32.3 0.0 69.8

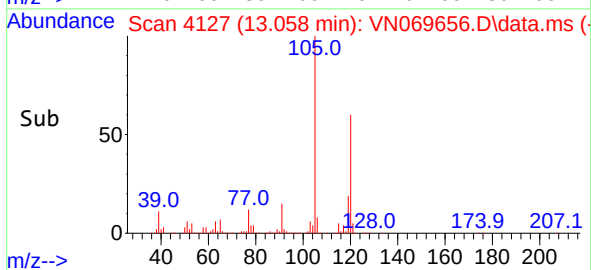
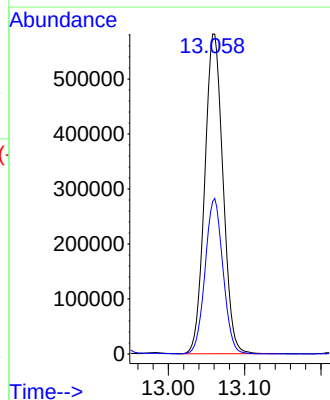
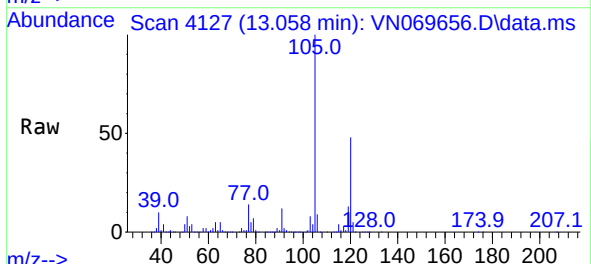
Manual Integrations
APPROVED

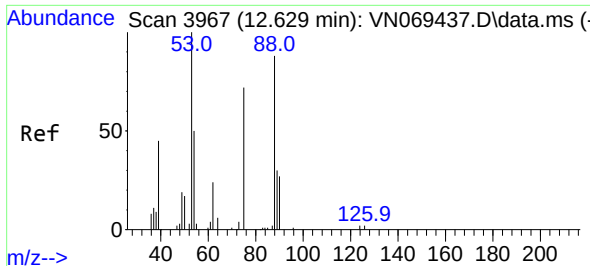
Reviewed By :John Carlone 11/29/2021
Supervised By :Mahesh Dadoda 11/29/2021



#76
1,3,5-Trimethylbenzene
Concen: 20.692 ug/l
RT: 13.058 min Scan# 4127
Delta R.T. -0.003 min
Lab File: VN069656.D
Acq: 26 Nov 2021 14:01

Tgt Ion:105 Resp: 966001
Ion Ratio Lower Upper
105 100
120 47.6 0.0 93.8





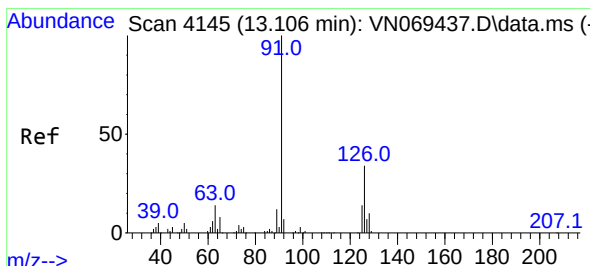
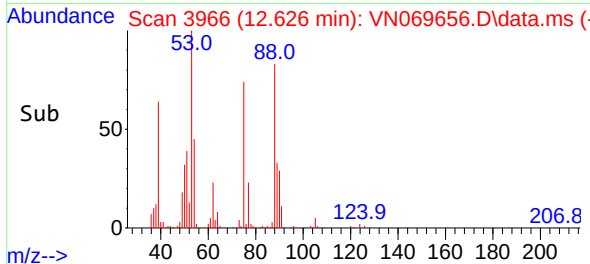
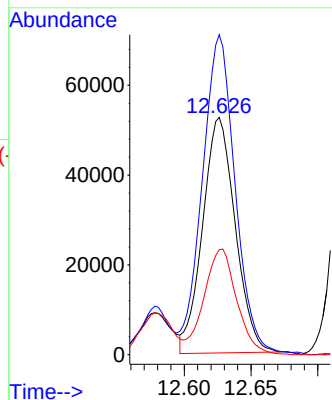
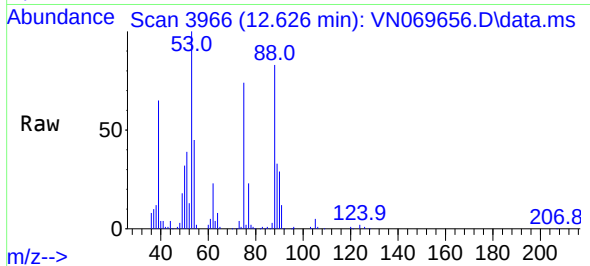
#77
t-1,4-Dichloro-2-butene
Concen: 18.061 ug/l
RT: 12.626 min Scan# 3967
Delta R.T. -0.003 min
Lab File: VN069656.D
Acq: 26 Nov 2021 14:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 75 Resp: 89138
Ion Ratio Lower Upper
75 100
53 135.0 51.8 155.5
89 44.4 22.9 68.7

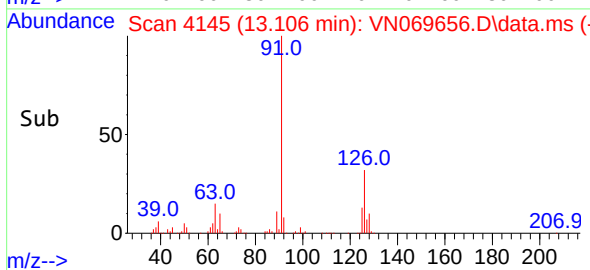
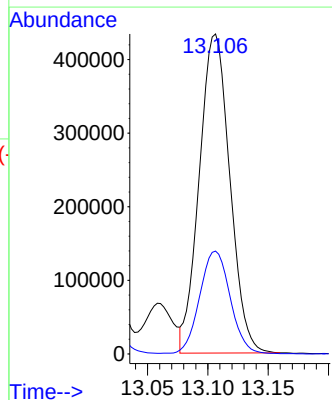
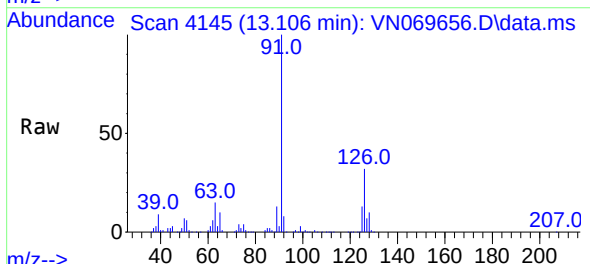
Manual Integrations
APPROVED

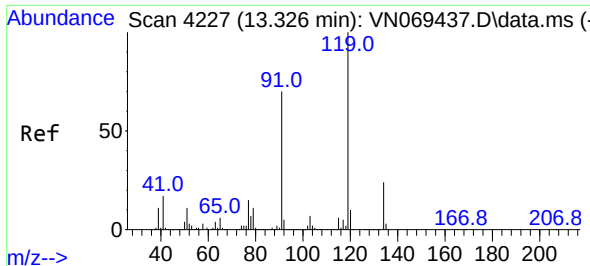
Reviewed By :John Carlone 11/29/2021
Supervised By :Mahesh Dadoda 11/29/2021



#78
4-Chlorotoluene
Concen: 20.048 ug/l
RT: 13.106 min Scan# 4145
Delta R.T. 0.000 min
Lab File: VN069656.D
Acq: 26 Nov 2021 14:01

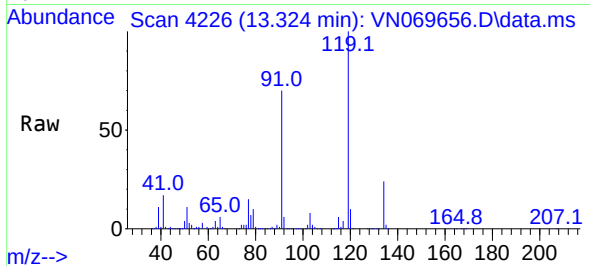
Tgt Ion: 91 Resp: 763453
Ion Ratio Lower Upper
91 100
126 32.1 0.0 70.6





#79
tert-butylbenzene
Concen: 20.461 ug/l
RT: 13.324 min Scan# 41
Delta R.T. -0.003 min
Lab File: VN069656.D
Acq: 26 Nov 2021 14:01

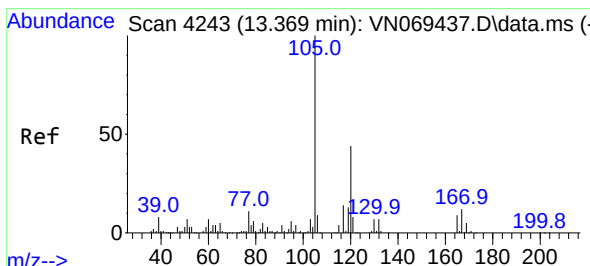
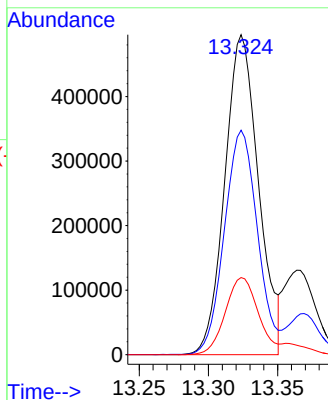
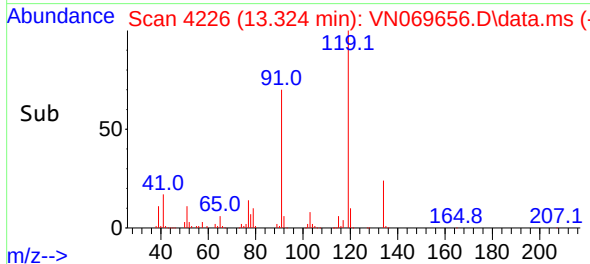
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



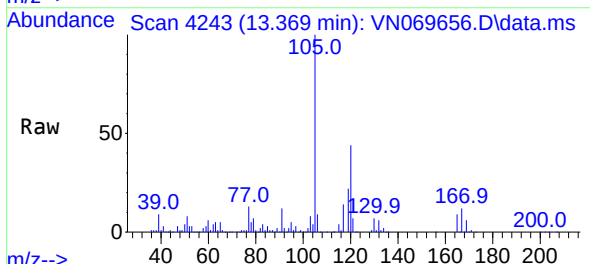
Tgt Ion:119 Resp: 840274
Ion Ratio Lower Upper
119 100
91 68.7 0.0 137.0
134 23.6 0.0 47.6

Manual Integrations
APPROVED

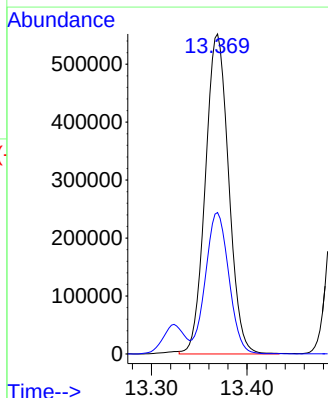
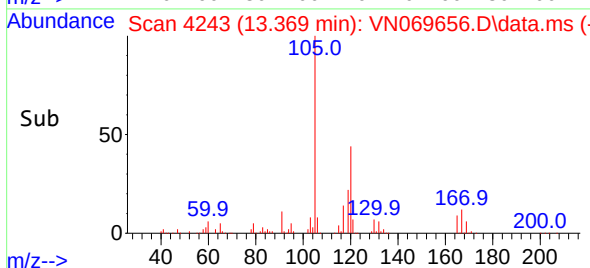
Reviewed By :John Carlone 11/29/2021
Supervised By :Mahesh Dadoda 11/29/2021

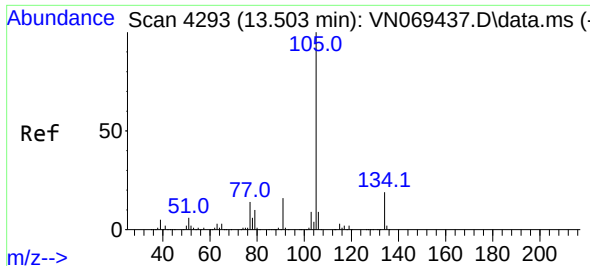


#80
1,2,4-Trimethylbenzene
Concen: 20.585 ug/l m
RT: 13.369 min Scan# 4243
Delta R.T. 0.000 min
Lab File: VN069656.D
Acq: 26 Nov 2021 14:01



Tgt Ion:105 Resp: 937428
Ion Ratio Lower Upper
105 100
120 0.1 0.0 0.2





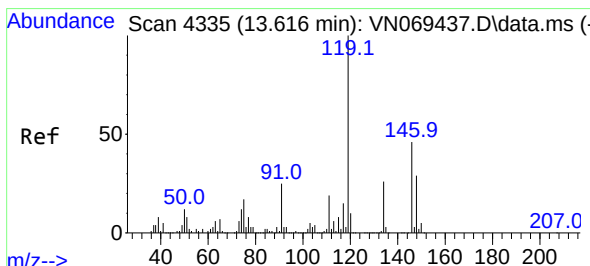
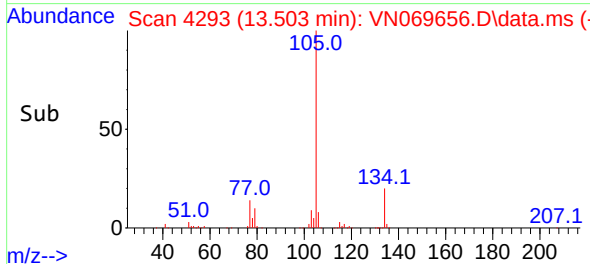
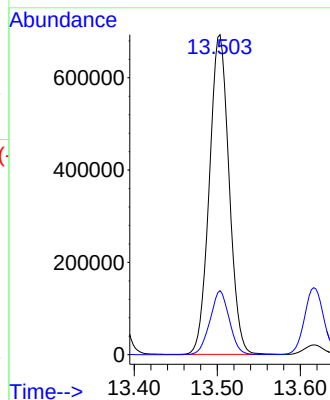
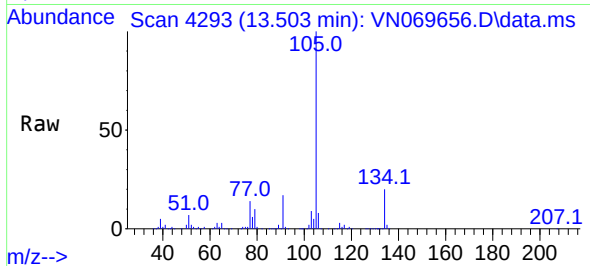
#81
 sec-Butylbenzene
 Concen: 19.864 ug/l
 RT: 13.503 min Scan# 4293
 Delta R.T. 0.000 min
 Lab File: VN069656.D
 Acq: 26 Nov 2021 14:01

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Tgt Ion:105 Resp: 114135
 Ion Ratio Lower Upper
 105 100
 134 19.6 0.0 39.4

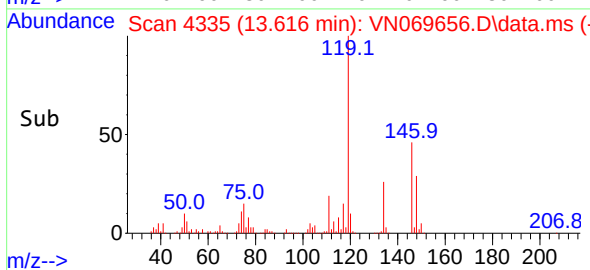
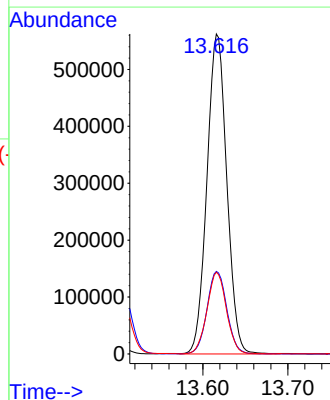
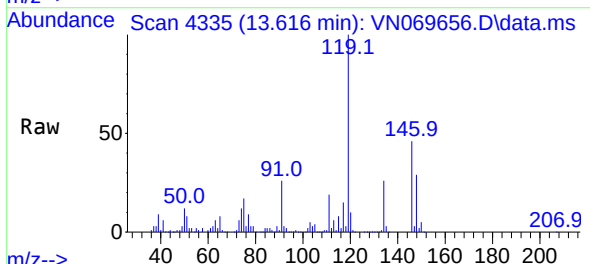
Manual Integrations
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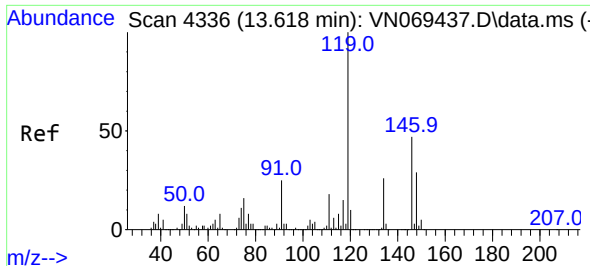
Reviewed By :John Carlone 11/29/2021
 Supervised By :Mahesh Dadoda 11/29/2021



#82
 p-Isopropyltoluene
 Concen: 19.898 ug/l
 RT: 13.616 min Scan# 4335
 Delta R.T. -0.003 min
 Lab File: VN069656.D
 Acq: 26 Nov 2021 14:01

Tgt Ion:119 Resp: 912255
 Ion Ratio Lower Upper
 119 100
 134 25.8 0.0 51.8
 91 25.0 0.0 50.4





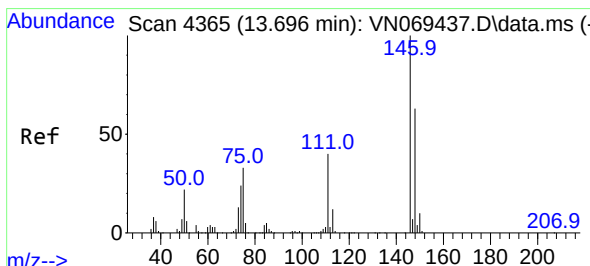
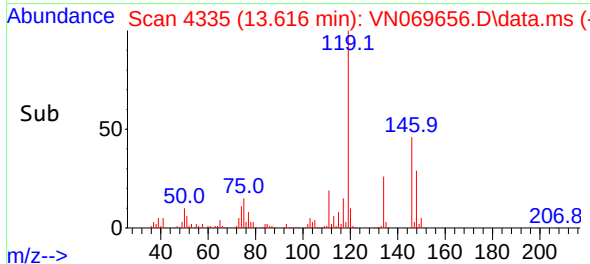
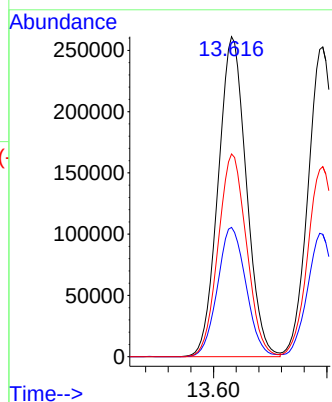
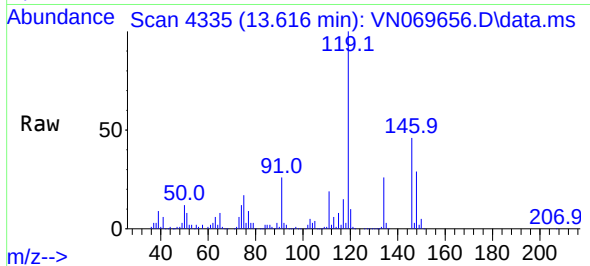
#83
1,3-Dichlorobenzene
Concen: 20.113 ug/l
RT: 13.616 min Scan# 4336
Delta R.T. -0.003 min
Lab File: VN069656.D
Acq: 26 Nov 2021 14:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:146 Resp: 450870
Ion Ratio Lower Upper
146 100
111 41.0 20.8 62.2
148 63.8 31.4 94.3

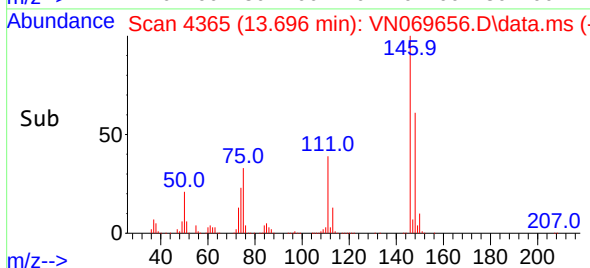
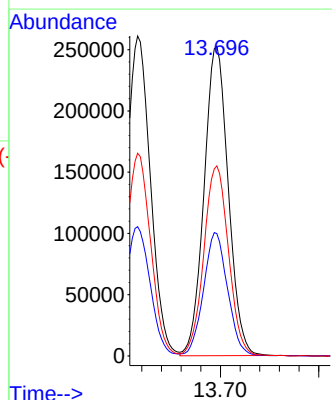
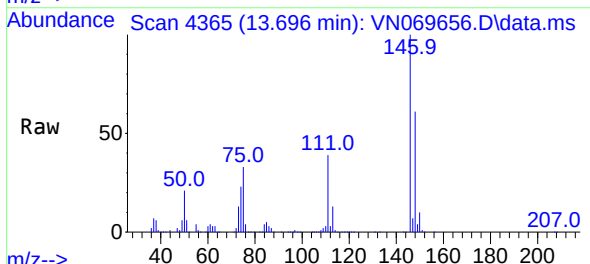
Manual Integrations
APPROVED

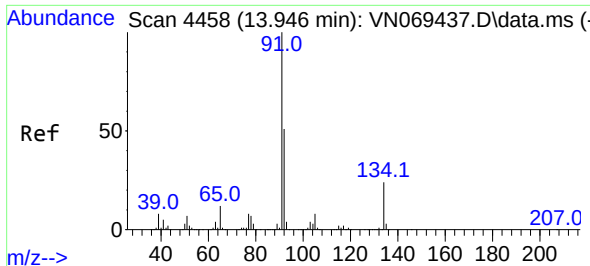
Reviewed By :John Carlone 11/29/2021
Supervised By :Mahesh Dadoda 11/29/2021



#84
1,4-Dichlorobenzene
Concen: 19.907 ug/l
RT: 13.696 min Scan# 4365
Delta R.T. 0.000 min
Lab File: VN069656.D
Acq: 26 Nov 2021 14:01

Tgt Ion:146 Resp: 432918
Ion Ratio Lower Upper
146 100
111 39.7 19.5 58.5
148 62.4 31.1 93.5





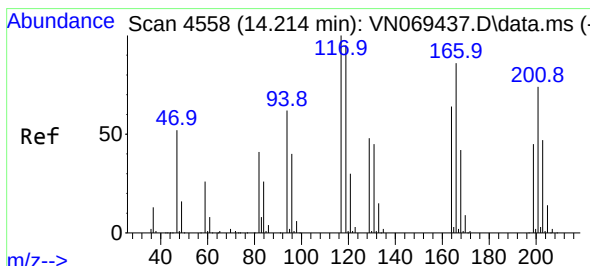
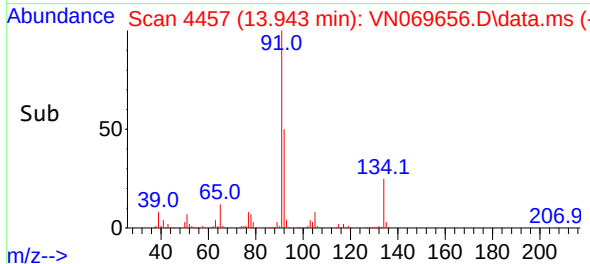
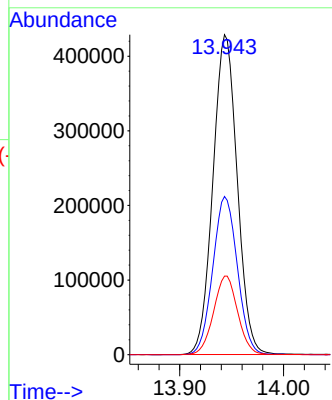
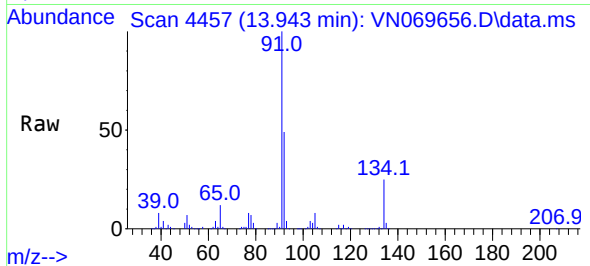
#85
n-Butylbenzene
Concen: 18.190 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. 0.000 min
Lab File: VN069656.D
Acq: 26 Nov 2021 14:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 91 Resp: 696015
Ion Ratio Lower Upper
91 100
92 50.1 0.0 100.6
134 24.5 0.0 50.2

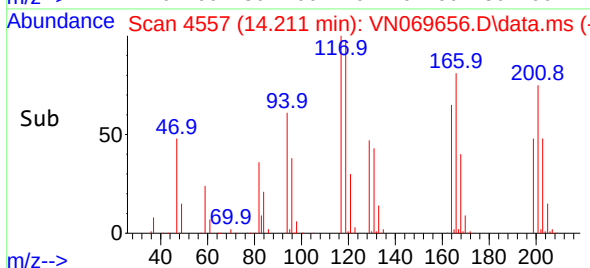
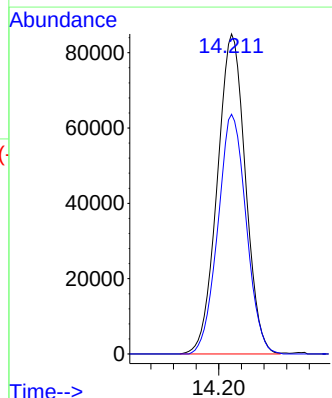
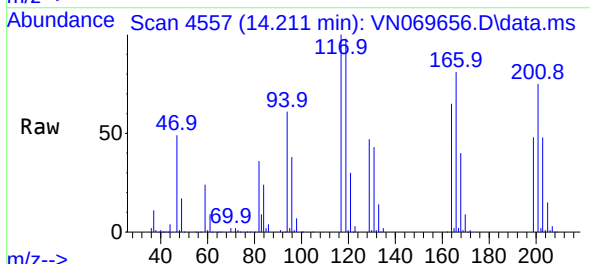
Manual Integrations
APPROVED

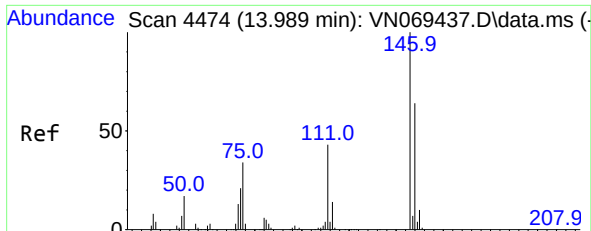
Reviewed By :John Carlone 11/29/2021
Supervised By :Mahesh Dadoda 11/29/2021



#86
Hexachloroethane
Concen: 19.295 ug/l
RT: 14.211 min Scan# 4557
Delta R.T. -0.003 min
Lab File: VN069656.D
Acq: 26 Nov 2021 14:01

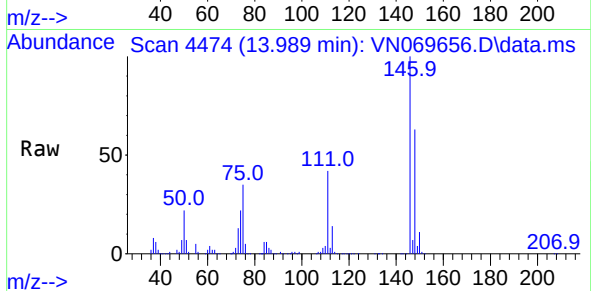
Tgt Ion:117 Resp: 146397
Ion Ratio Lower Upper
117 100
201 75.3 33.3 99.8





#87
1,2-Dichlorobenzene
Concen: 20.528 ug/l
RT: 13.989 min Scan# 4474
Delta R.T. -0.003 min
Lab File: VN069656.D
Acq: 26 Nov 2021 14:01

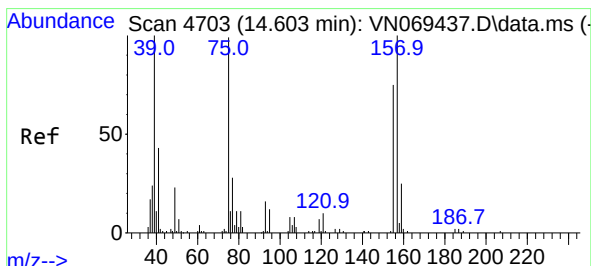
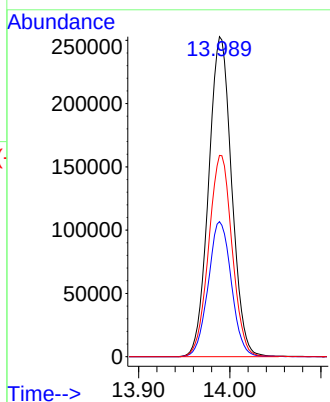
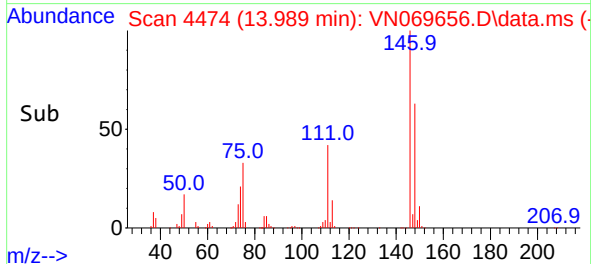
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion:146 Resp: 44412
Ion Ratio Lower Upper
146 100
111 42.4 21.4 64.2
148 64.1 32.5 97.4

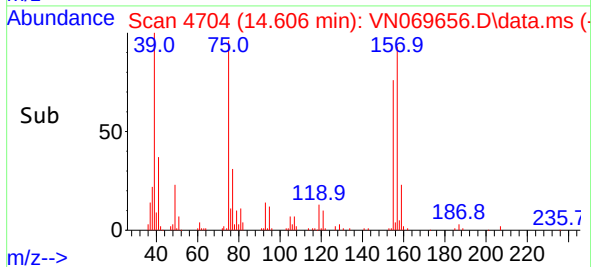
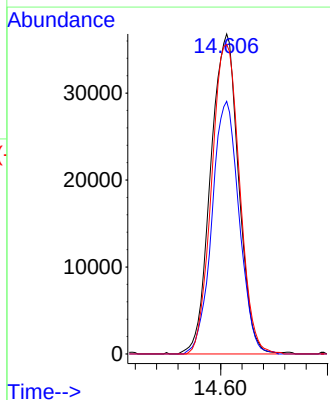
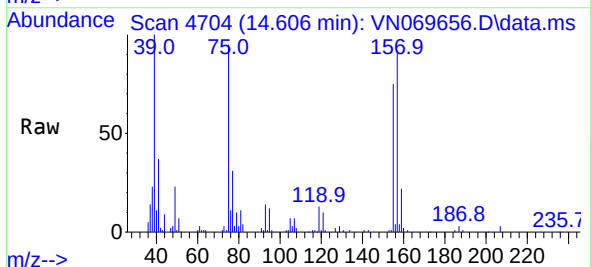
Manual Integrations
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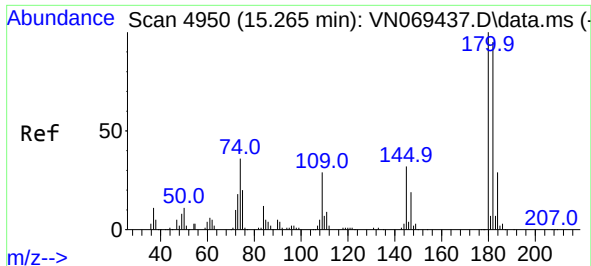
Reviewed By :John Carlone 11/29/2021
Supervised By :Mahesh Dadoda 11/29/2021



#88
1,2-Dibromo-3-Chloropropane
Concen: 20.347 ug/l
RT: 14.606 min Scan# 4704
Delta R.T. 0.000 min
Lab File: VN069656.D
Acq: 26 Nov 2021 14:01

Tgt Ion: 75 Resp: 66851
Ion Ratio Lower Upper
75 100
155 76.8 63.8 95.8
157 96.7 77.9 116.9





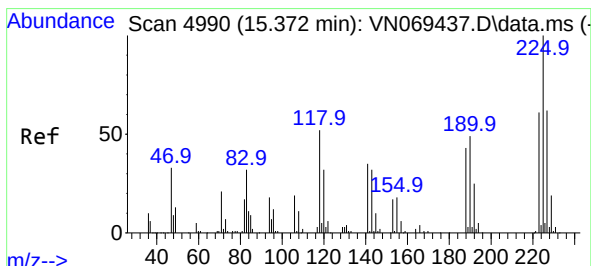
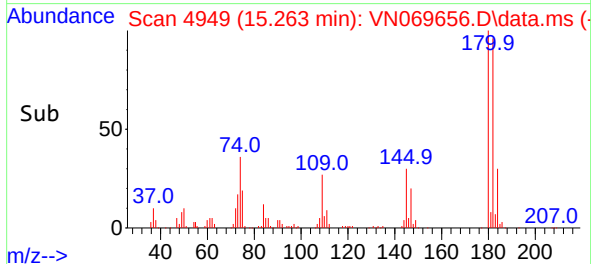
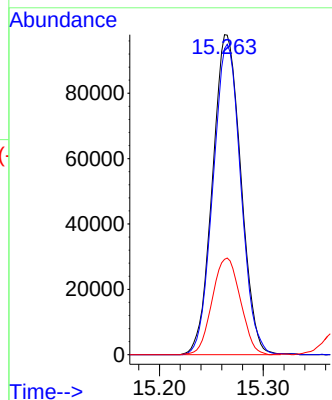
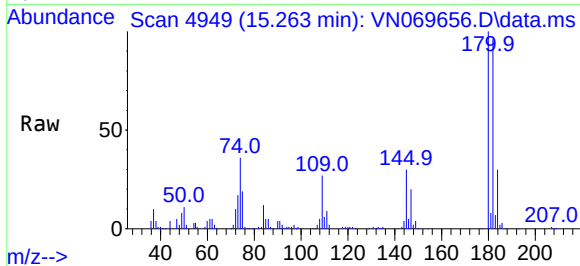
#89
1,2,4-Trichlorobenzene
Concen: 17.884 ug/l
RT: 15.263 min Scan# 4950
Delta R.T. -0.003 min
Lab File: VN069656.D
Acq: 26 Nov 2021 14:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:180 Resp: 18552
Ion Ratio Lower Upper
180 100
182 95.1 77.7 116.5
145 30.1 26.6 39.8

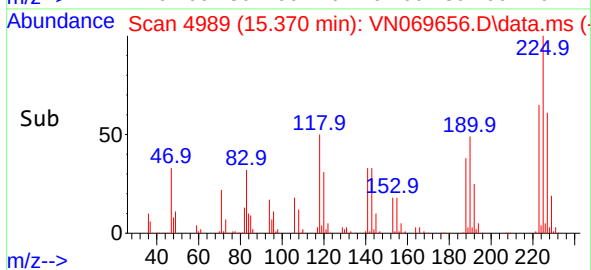
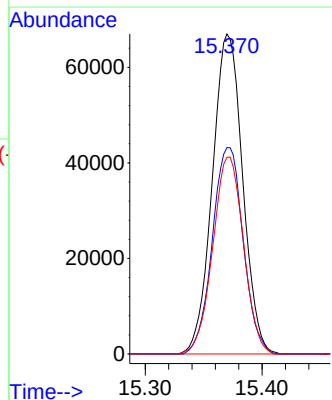
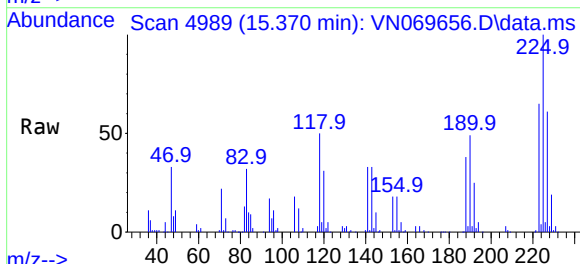
Manual Integrations
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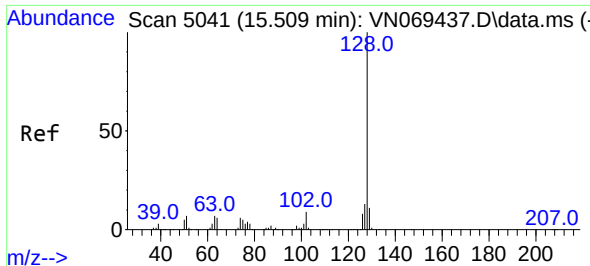
Reviewed By :John Carlone 11/29/2021
Supervised By :Mahesh Dadoda 11/29/2021



#90
Hexachlorobutadiene
Concen: 21.508 ug/l
RT: 15.370 min Scan# 4989
Delta R.T. -0.003 min
Lab File: VN069656.D
Acq: 26 Nov 2021 14:01

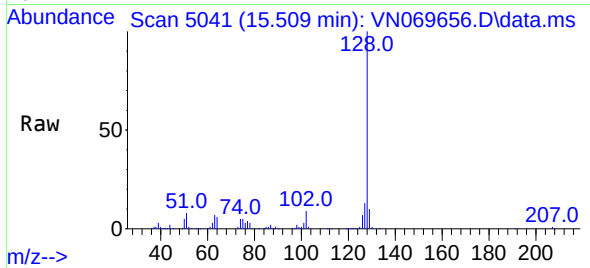
Tgt Ion:225 Resp: 120654
Ion Ratio Lower Upper
225 100
223 65.6 0.0 126.8
227 62.4 0.0 123.0





#91
Naphthalene
Concen: 16.321 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.003 min
Lab File: VN069656.D
Acq: 26 Nov 2021 14:01

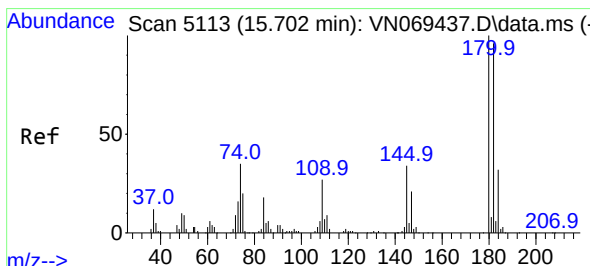
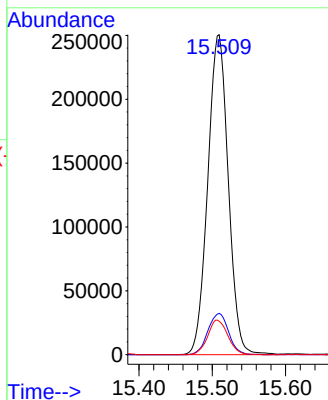
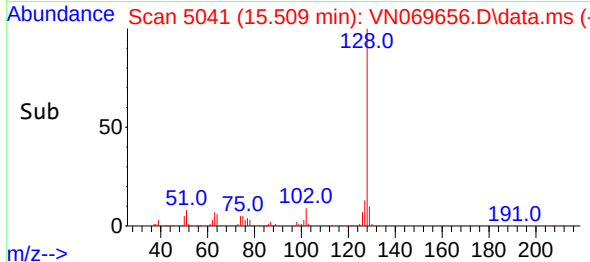
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



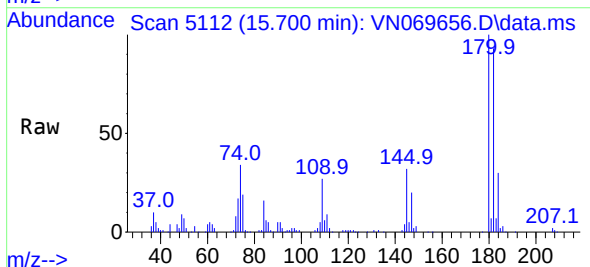
Tgt Ion:128 Resp: 487712
Ion Ratio Lower Upper
128 100
127 13.0 10.7 16.1
129 10.7 9.0 13.6

Manual Integrations
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Reviewed By :John Carlone 11/29/2021
Supervised By :Mahesh Dadoda 11/29/2021



#92
1,2,3-Trichlorobenzene
Concen: 18.315 ug/l
RT: 15.700 min Scan# 5112
Delta R.T. -0.003 min
Lab File: VN069656.D
Acq: 26 Nov 2021 14:01



Tgt Ion:180 Resp: 186774
Ion Ratio Lower Upper
180 100
182 93.4 0.0 190.0
145 31.7 0.0 67.8

