

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020222\
 Data File : VN070905.D
 Acq On : 2 Feb 2022 21:07
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Feb 03 05:58:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N020222W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 02 15:30:39 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/03/2022
 Supervised By : Mahesh Dadoda 02/04/2022

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

Internal Standards						
1) Pentafluorobenzene	8.085	168	743352	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1239585	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1146571	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	478395	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	501457	49.837	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	99.680%		
35) Dibromofluoromethane	8.021	113	368070	49.566	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	99.140%		
50) Toluene-d8	10.440	98	1530769	50.206	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	100.420%		
62) 4-Bromofluorobenzene	12.731	95	559463	50.925	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	101.840%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.073	85	437107	52.996	ug/l	99
3) Chloromethane	2.301	50	530828	50.956	ug/l	100
4) Vinyl Chloride	2.445	62	332833	38.244	ug/l	97
5) Bromomethane	2.832	94	225034	50.555	ug/l	100
6) Chloroethane	3.006	64	221489	56.117	ug/l	96
7) Trichlorofluoromethane	3.368	101	520826	53.590	ug/l	98
8) Diethyl Ether	3.821	74	293411	52.055	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.202	101	383651	52.318	ug/l	96
10) Methyl Iodide	4.414	142	555906	51.376	ug/l	97
11) Tert butyl alcohol	5.385	59	586454	277.373	ug/l	98
12) 1,1-Dichloroethene	4.175	96	392327	52.371	ug/l	93
13) Acrolein	4.038	56	580061	249.194	ug/l	99
14) Allyl chloride	4.835	41	911887	53.434	ug/l #	83
15) Acrylonitrile	5.554	53	1646300	278.825	ug/l	99
16) Acetone	4.288	43	1402794	233.155	ug/l	97
17) Carbon Disulfide	4.524	76	1158962	49.815	ug/l	99
18) Methyl Acetate	4.856	43	761068	55.540	ug/l	93
19) Methyl tert-butyl Ether	5.618	73	1521647	53.201	ug/l	95
20) Methylene Chloride	5.095	84	467884	51.210	ug/l	90
21) trans-1,2-Dichloroethene	5.594	96	413844	51.813	ug/l	87
22) Diisopropyl ether	6.498	45	1758296	53.192	ug/l	90
23) Vinyl Acetate	6.433	43	7871318	269.213	ug/l	95
24) 1,1-Dichloroethane	6.385	63	864054	51.914	ug/l	98
25) 2-Butanone	7.337	43	2324791	267.690	ug/l	94
26) 2,2-Dichloropropane	7.327	77	635490	48.617	ug/l	99
27) cis-1,2-Dichloroethene	7.324	96	481803	51.074	ug/l	88
28) Bromochloromethane	7.659	49	380179	52.346	ug/l #	77
29) Tetrahydrofuran	7.686	42	1579960	280.080	ug/l	88
30) Chloroform	7.817	83	804320	50.797	ug/l	98
31) Cyclohexane	8.094	56	860360	50.325	ug/l	87
32) 1,1,1-Trichloroethane	8.013	97	686483	51.364	ug/l	98
36) 1,1-Dichloropropene	8.222	75	618496	51.269	ug/l	97
37) Ethyl Acetate	7.415	43	924323	55.593	ug/l	97
38) Carbon Tetrachloride	8.206	117	560025	50.833	ug/l	99
39) Methylcyclohexane	9.459	83	775876	52.318	ug/l	89
40) Benzene	8.458	78	1922394	50.722	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	463896	55.531	ug/l #	87
42) 1,2-Dichloroethane	8.531	62	655848	50.831	ug/l	100
43) Isopropyl Acetate	8.563	43	1385692	49.577	ug/l	96
44) Trichloroethene	9.215	130	439626	50.129	ug/l	90
45) 1,2-Dichloropropane	9.491	63	529681	52.190	ug/l	100
46) Dibromomethane	9.577	93	315082	51.825	ug/l	95
47) Bromodichloromethane	9.762	83	635041	51.856	ug/l	99
48) Methyl methacrylate	9.561	41	679481	56.385	ug/l #	80
49) 1,4-Dioxane	9.569	88	223447	1106.857	ug/l #	83
51) 4-Methyl-2-Pentanone	10.330	43	4568000	277.660	ug/l	99
52) Toluene	10.505	92	1174144	49.999	ug/l	98
53) t-1,3-Dichloropropene	10.719	75	715454	51.767	ug/l	97
54) cis-1,3-Dichloropropene	10.188	75	786750	52.339	ug/l	99
55) 1,1,2-Trichloroethane	10.899	97	457460	51.293	ug/l	99
56) Ethyl methacrylate	10.762	69	837012	53.883	ug/l	89
57) 1,3-Dichloropropane	11.044	76	812945	52.069	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.041	63	995405	237.701	ug/l	91
59) 2-Hexanone	11.084	43	3339403	278.014	ug/l	97
60) Dibromochloromethane	11.240	129	456739	51.634	ug/l	99
61) 1,2-Dibromoethane	11.344	107	472001	51.459	ug/l	99
64) Tetrachloroethene	10.977	164	376285	50.141	ug/l	95
65) Chlorobenzene	11.771	112	1200088	50.010	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.840	131	427587	51.052	ug/l	99
67) Ethyl Benzene	11.843	91	2276854	52.048	ug/l	97
68) m/p-Xylenes	11.953	106	1677944	103.522	ug/l	93
69) o-Xylene	12.277	106	830387	51.189	ug/l	92
70) Styrene	12.294	104	1386301	54.223	ug/l	96
71) Bromoform	12.457	173	354338	51.238	ug/l #	99
73) Isopropylbenzene	12.578	105	2176530	52.145	ug/l	98
74) N-amyl acetate	12.387	43	1022615	54.704	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.827	83	747910	51.731	ug/l	99
76) 1,2,3-Trichloropropane	12.881	75	572563m	49.724	ug/l	
77) Bromobenzene	12.859	156	502383	50.207	ug/l	77
78) n-propylbenzene	12.918	91	2500731	52.535	ug/l	96
79) 2-Chlorotoluene	13.007	91	1526777	51.582	ug/l	92
80) 1,3,5-Trimethylbenzene	13.058	105	1793846	53.017	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.626	75	229573	54.042	ug/l	92
82) 4-Chlorotoluene	13.103	91	1477333	51.787	ug/l	92
83) tert-Butylbenzene	13.323	119	1539843	52.183	ug/l	94
84) 1,2,4-Trimethylbenzene	13.366	105	1741887	52.644	ug/l	97
85) sec-Butylbenzene	13.500	105	2192287	53.101	ug/l	97
86) p-Isopropyltoluene	13.613	119	1752633	53.834	ug/l	97
87) 1,3-Dichlorobenzene	13.613	146	847843	50.938	ug/l	96
88) 1,4-Dichlorobenzene	13.694	146	821625	49.348	ug/l	97
89) n-Butylbenzene	13.943	91	1481242	51.627	ug/l	97
90) Hexachloroethane	14.208	117	304556	52.785	ug/l	94
91) 1,2-Dichlorobenzene	13.989	146	807684	50.582	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.600	75	139911	53.404	ug/l	84
93) 1,2,4-Trichlorobenzene	15.262	180	429969	48.660	ug/l	98
94) Hexachlorobutadiene	15.370	225	262239	49.174	ug/l	99
95) Naphthalene	15.504	128	1208747	48.313	ug/l	100
96) 1,2,3-Trichlorobenzene	15.700	180	416832	49.480	ug/l	99

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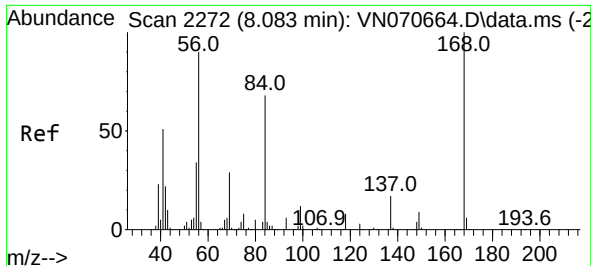
Manual Integrations
APPROVED

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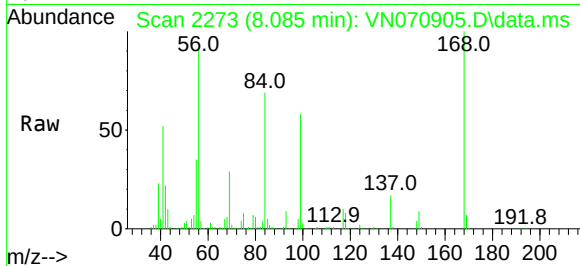
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.085 min Scan# 21
Delta R.T. -0.001 min
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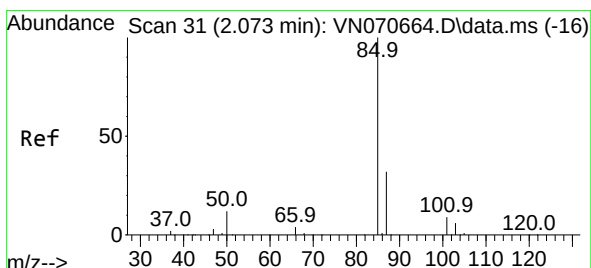
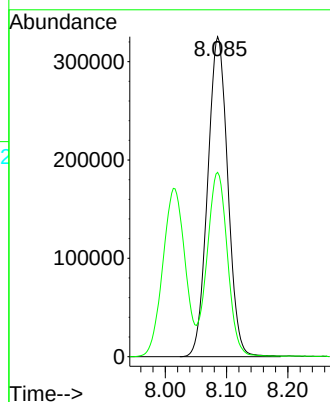
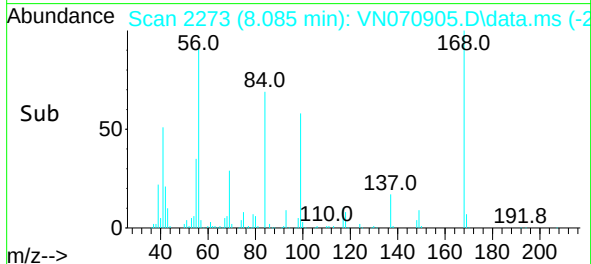
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 743352
Ion Ratio Lower Upper
168 100
99 57.4 41.3 61.9

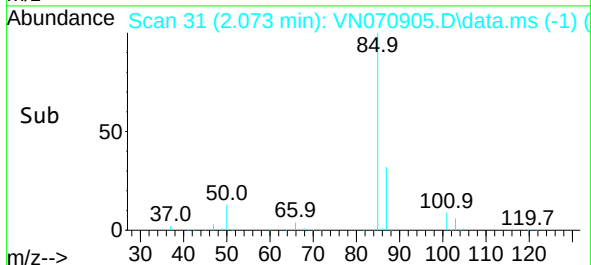
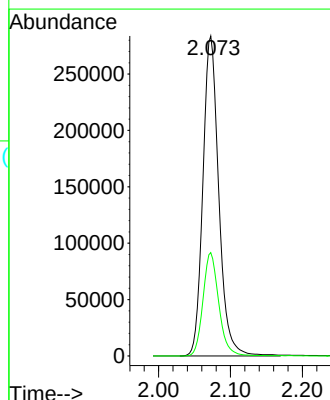
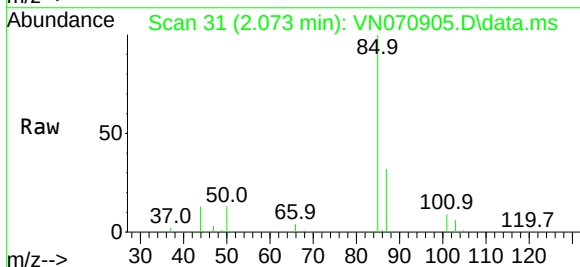
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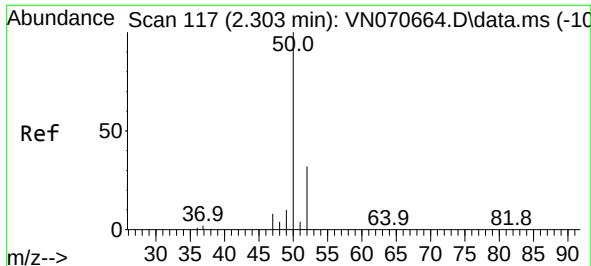
Reviewed By :John Carlone 02/03/2022
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#2
Dichlorodifluoromethane
Concen: 52.996 ug/l
RT: 2.073 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN070905.D
Acq: 2 Feb 2022 21:07

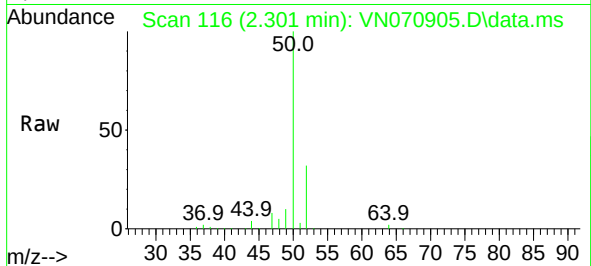
Tgt Ion: 85 Resp: 437107
Ion Ratio Lower Upper
85 100
87 32.3 16.3 48.9





#3
Chloromethane
Concen: 50.956 ug/l
RT: 2.301 min Scan# 117
Delta R.T. -0.001 min
Lab File: VN070905.D
Acq: 2 Feb 2022 21:07

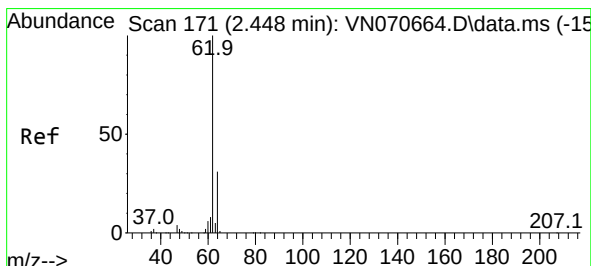
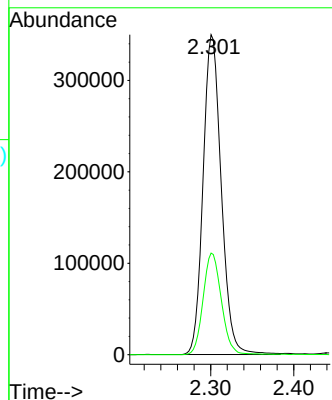
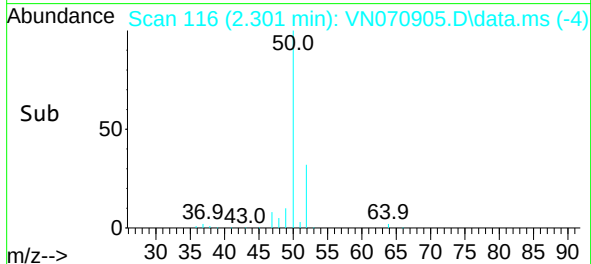
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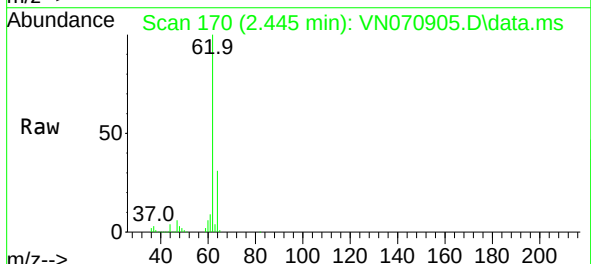
Tgt Ion: 50 Resp: 530828
Ion Ratio Lower Upper
50 100
52 31.8 25.4 38.0

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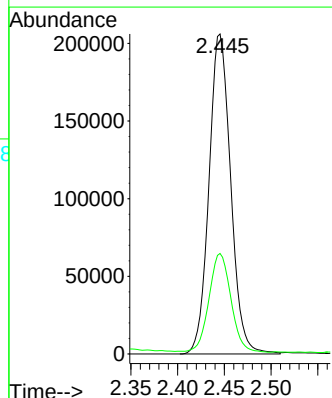
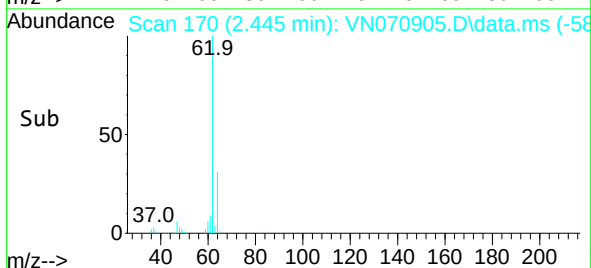
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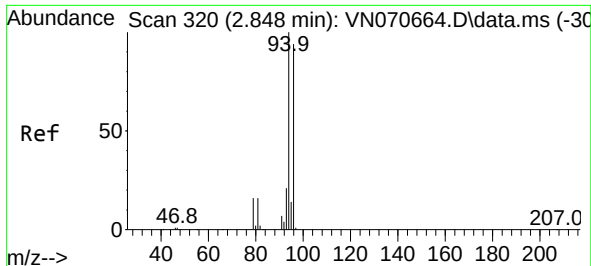


#4
Vinyl Chloride
Concen: 38.244 ug/l
RT: 2.445 min Scan# 170
Delta R.T. -0.001 min
Lab File: VN070905.D
Acq: 2 Feb 2022 21:07



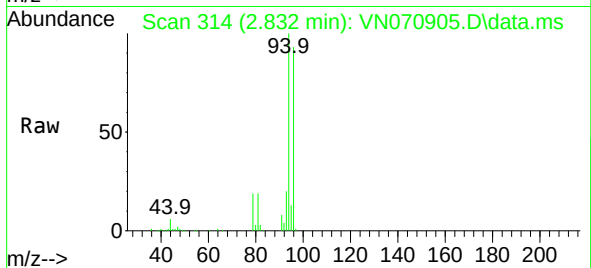
Tgt Ion: 62 Resp: 332833
Ion Ratio Lower Upper
62 100
64 30.8 25.8 38.6





#5
Bromomethane
Concen: 50.555 ug/l
RT: 2.832 min Scan# 314
Delta R.T. -0.000 min
Lab File: VN070905.D
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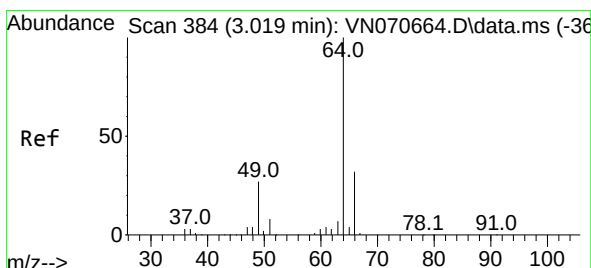
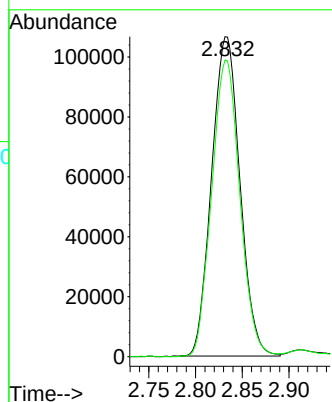
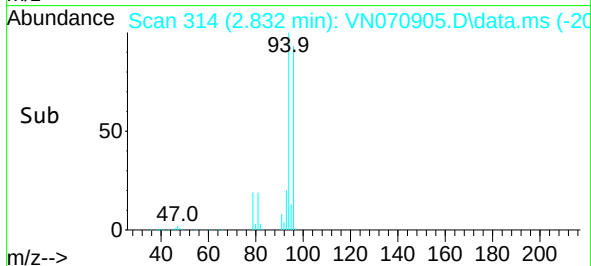
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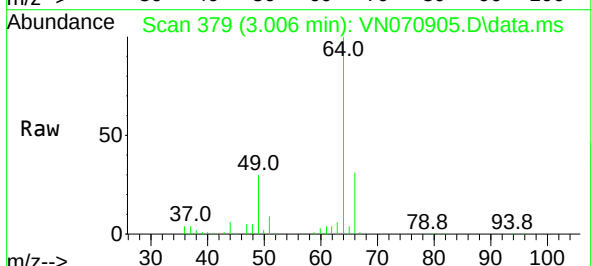
Tgt Ion: 94 Resp: 225034
Ion Ratio Lower Upper
94 100
96 92.7 73.8 110.8

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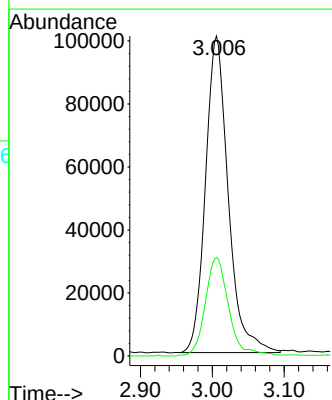
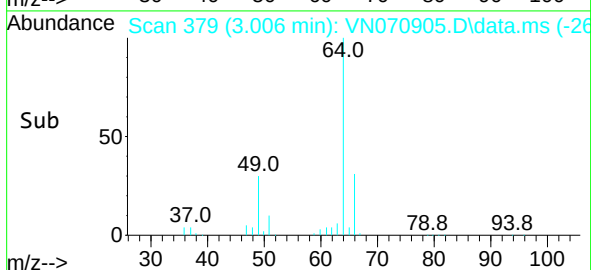
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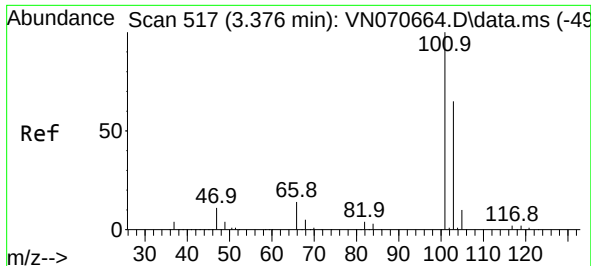


#6
Chloroethane
Concen: 56.117 ug/l
RT: 3.006 min Scan# 379
Delta R.T. -0.003 min
Lab File: VN070905.D
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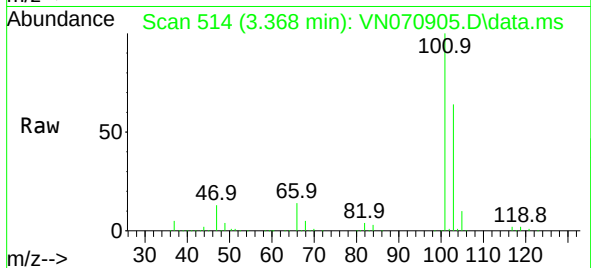
Tgt Ion: 64 Resp: 221489
Ion Ratio Lower Upper
64 100
66 30.8 26.3 39.5





#7
Trichlorofluoromethane
Concen: 53.590 ug/l
RT: 3.368 min Scan# 517
Delta R.T. -0.003 min
Lab File: VN070905.D
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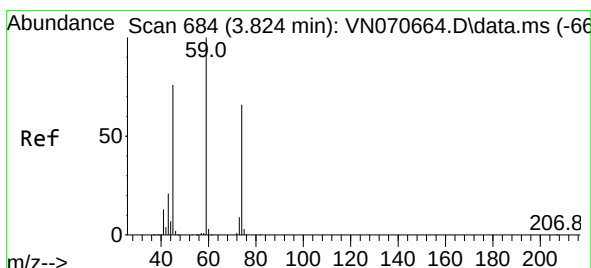
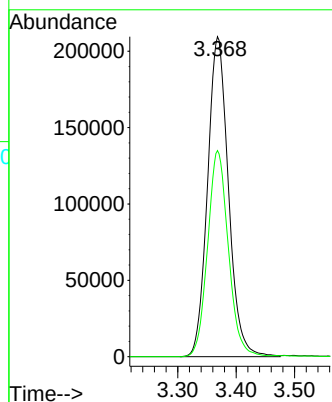
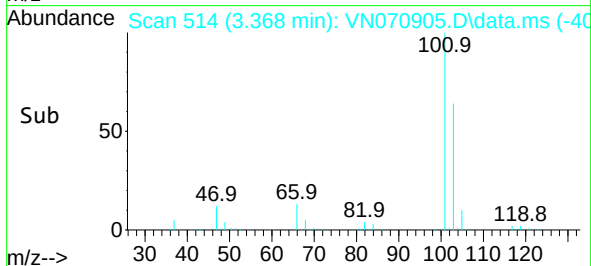
Instrument :
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Tgt Ion:101 Resp: 520820
Ion Ratio Lower Upper
101 100
103 64.4 50.1 75.1

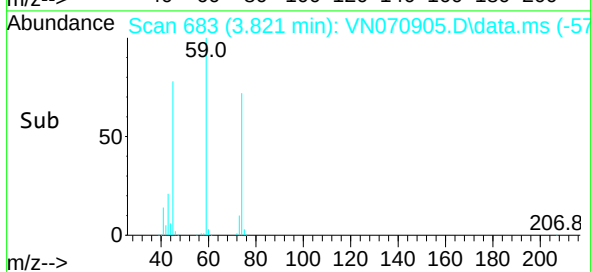
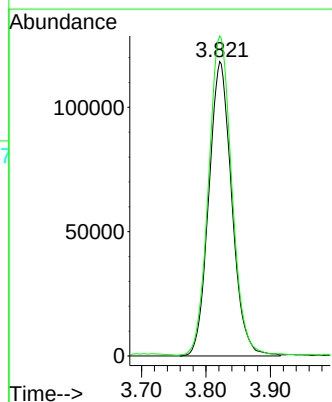
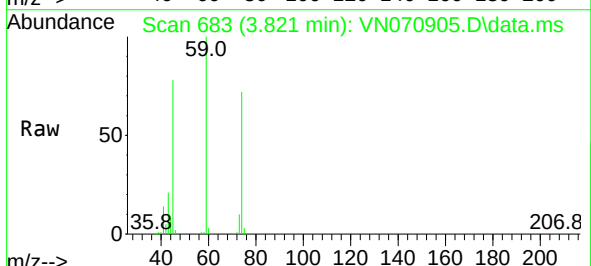
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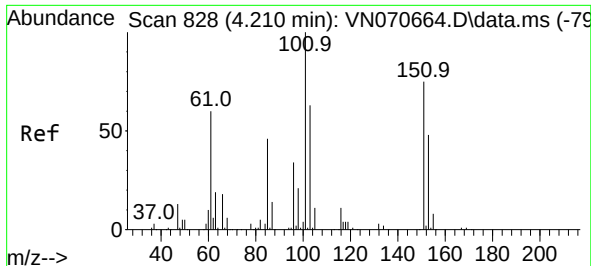
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#8
Diethyl Ether
Concen: 52.055 ug/l
RT: 3.821 min Scan# 683
Delta R.T. 0.000 min
Lab File: VN070905.D
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Tgt Ion: 74 Resp: 293411
Ion Ratio Lower Upper
74 100
45 110.3 47.0 141.2





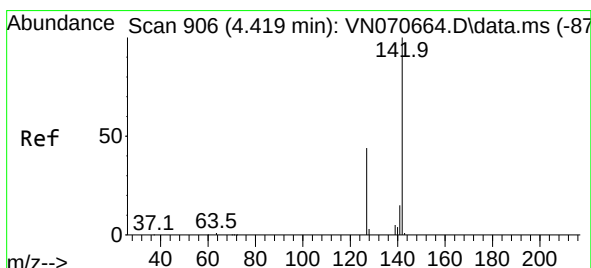
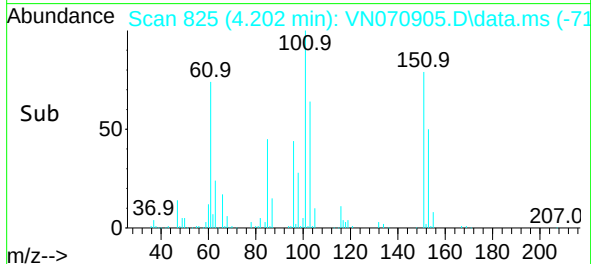
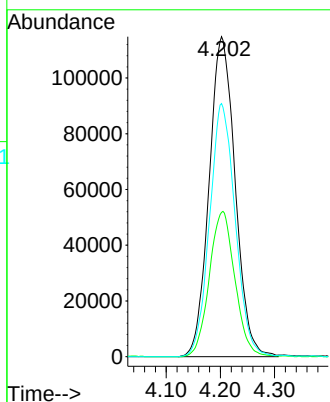
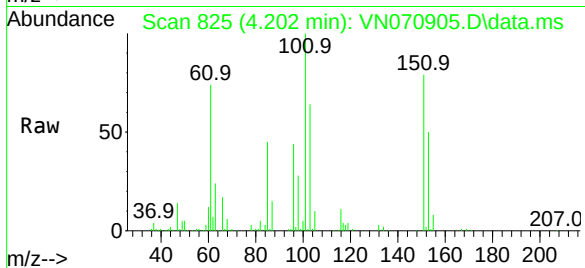
#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.318 ug/l
RT: 4.202 min Scan# 81
Delta R.T. -0.003 min
Lab File: VN070905.D
Acq: 2 Feb 2022 21:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 38365
Ion Ratio Lower Upper
101 100
85 44.6 37.2 55.8
151 77.9 65.9 98.9

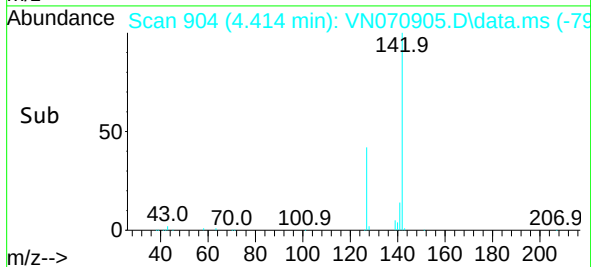
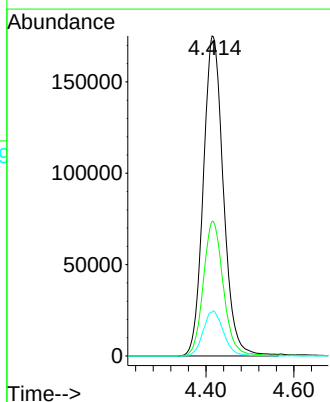
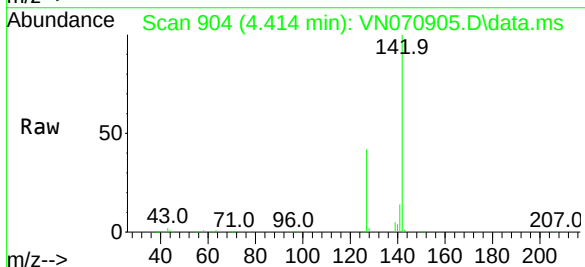
Manual Integrations
APPROVED

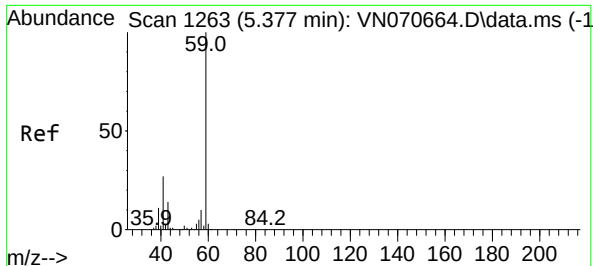
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022



#10
Methyl Iodide
Concen: 51.376 ug/l
RT: 4.414 min Scan# 904
Delta R.T. -0.003 min
Lab File: VN070905.D
Acq: 2 Feb 2022 21:07

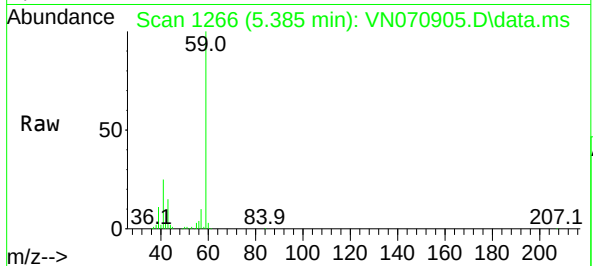
Tgt Ion:142 Resp: 555906
Ion Ratio Lower Upper
142 100
127 41.6 35.4 53.0
141 14.1 11.6 17.4





#11
Tert butyl alcohol
Concen: 277.373 ug/l
RT: 5.385 min Scan# 11
Delta R.T. 0.003 min
Lab File: VN070905.D
Acq: 2 Feb 2022 21:07

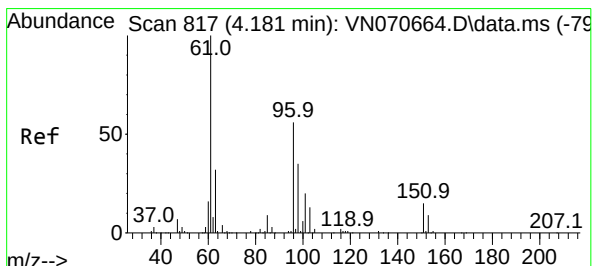
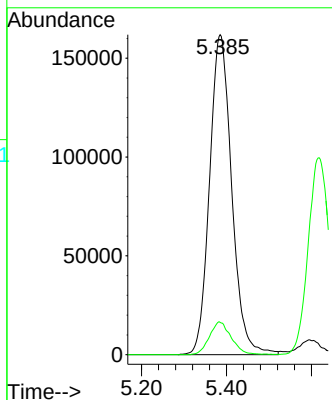
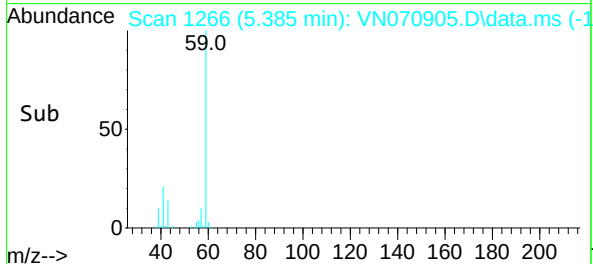
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 59 Resp: 586454
Ion Ratio Lower Upper
59 100
57 10.1 8.7 13.1

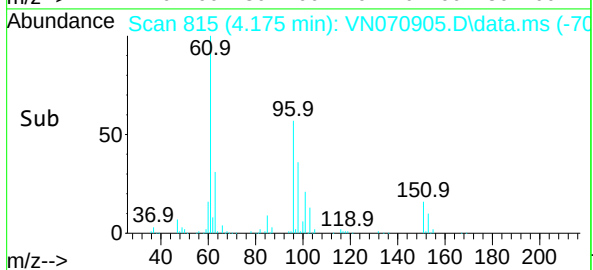
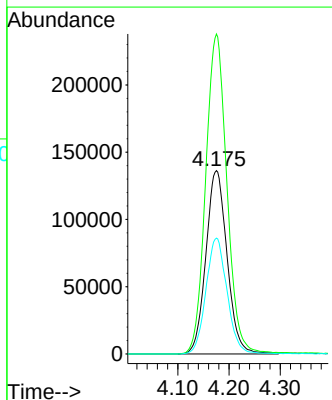
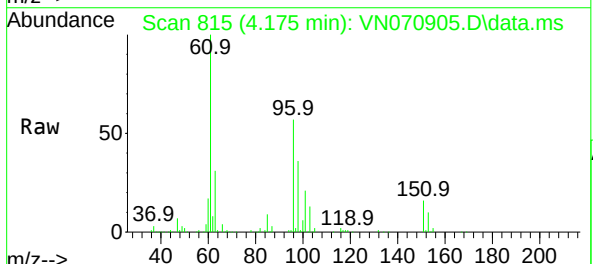
Manual Integrations
APPROVED

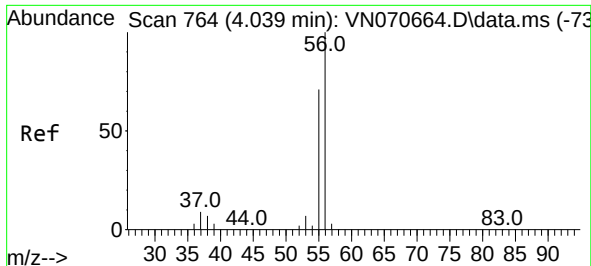
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022



#12
1,1-Dichloroethene
Concen: 52.371 ug/l
RT: 4.175 min Scan# 815
Delta R.T. 0.000 min
Lab File: VN070905.D
Acq: 2 Feb 2022 21:07

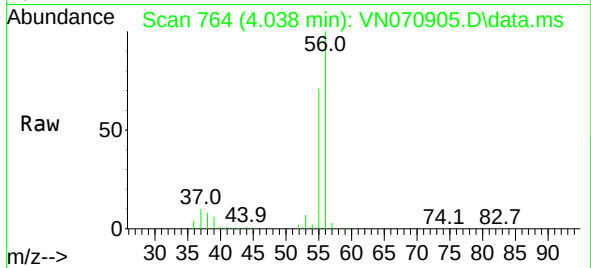
Tgt Ion: 96 Resp: 392327
Ion Ratio Lower Upper
96 100
61 174.6 131.0 196.6
98 63.2 52.4 78.6





#13
Acrolein
Concen: 249.194 ug/l
RT: 4.038 min Scan# 70
Delta R.T. -0.001 min
Lab File: VN070905.D
Acq: 2 Feb 2022 21:07

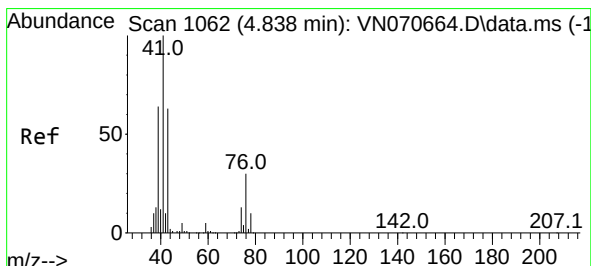
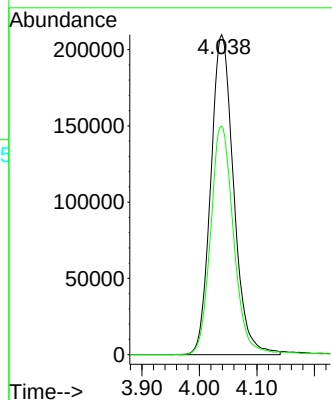
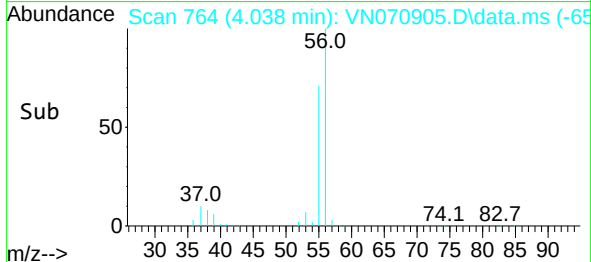
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



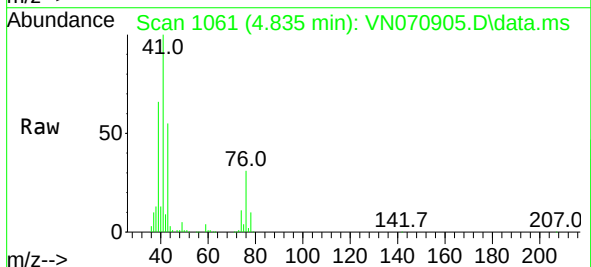
Tgt Ion: 56 Resp: 58006
Ion Ratio Lower Upper
56 100
55 71.5 56.6 85.0

Manual Integrations
APPROVED

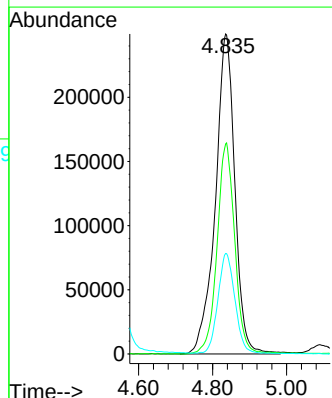
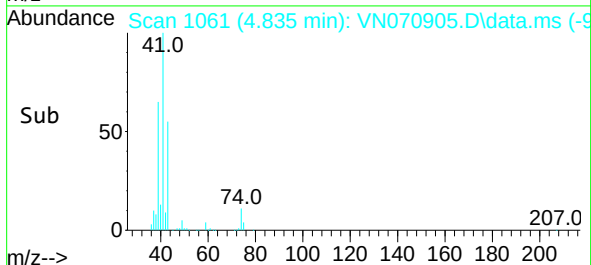
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022

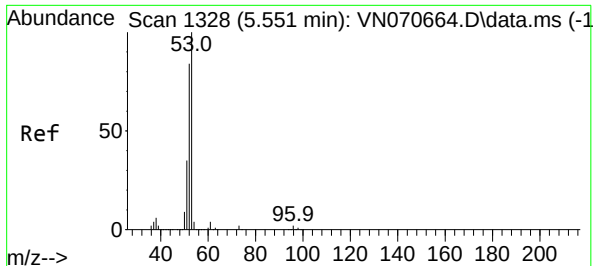


#14
Allyl chloride
Concen: 53.434 ug/l
RT: 4.835 min Scan# 1061
Delta R.T. -0.003 min
Lab File: VN070905.D
Acq: 2 Feb 2022 21:07



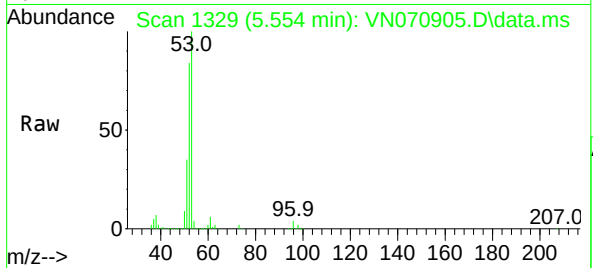
Tgt Ion: 41 Resp: 911887
Ion Ratio Lower Upper
41 100
39 59.5 61.2 91.8#
76 26.9 26.0 39.0





#15
Acrylonitrile
Concen: 278.825 ug/l
RT: 5.554 min Scan# 1328
Delta R.T. 0.003 min
Lab File: VN070905.D
Acq: 2 Feb 2022 21:07

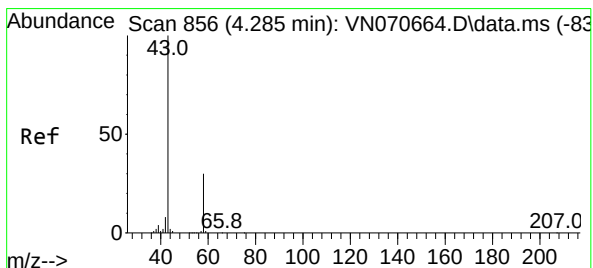
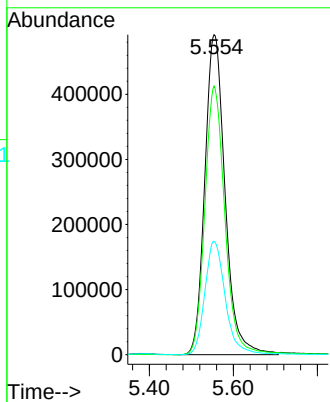
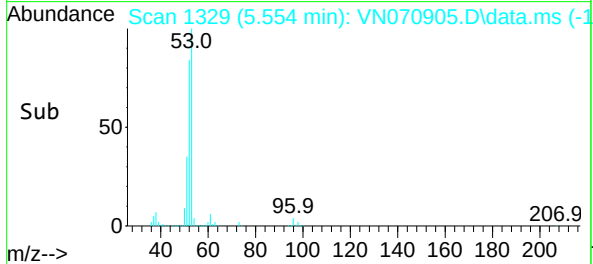
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 1646300
Ion Ratio Lower Upper
53 100
52 82.9 66.2 99.2
51 35.8 29.6 44.4

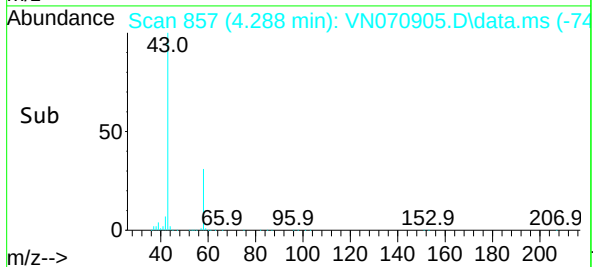
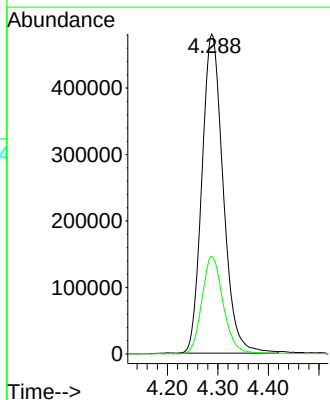
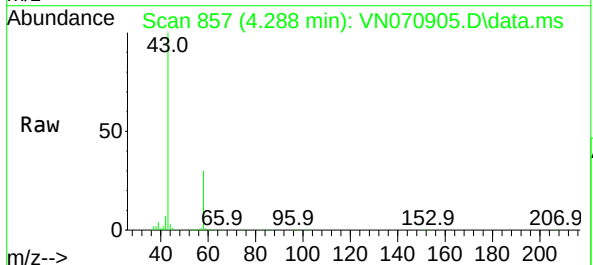
Manual Integrations
APPROVED

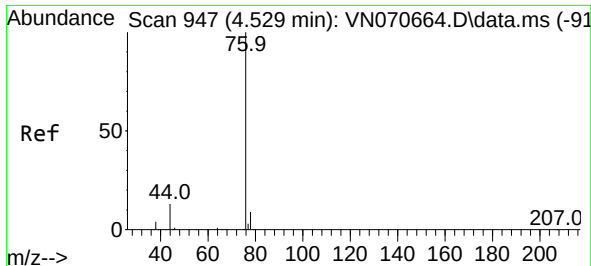
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022



#16
Acetone
Concen: 233.155 ug/l
RT: 4.288 min Scan# 857
Delta R.T. 0.003 min
Lab File: VN070905.D
Acq: 2 Feb 2022 21:07

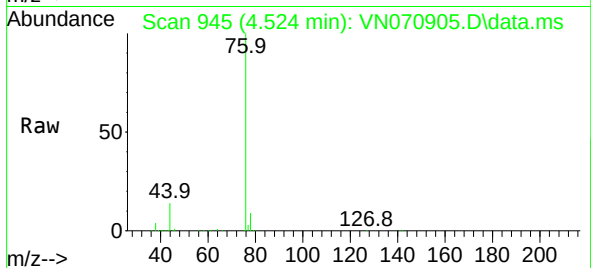
Tgt Ion: 43 Resp: 1402794
Ion Ratio Lower Upper
43 100
58 30.5 23.1 34.7





#17
Carbon Disulfide
Concen: 49.815 ug/l
RT: 4.524 min Scan# 947
Delta R.T. -0.000 min
Lab File: VN070905.D
Acq: 2 Feb 2022 21:07

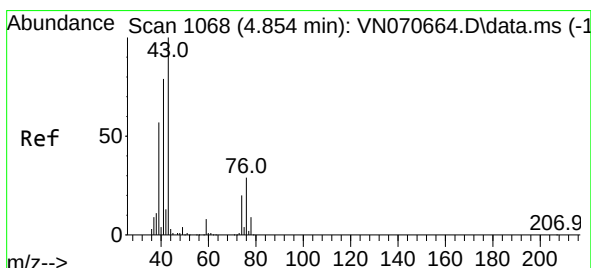
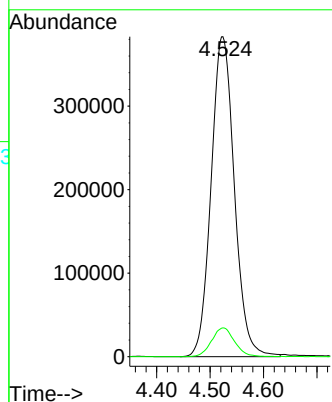
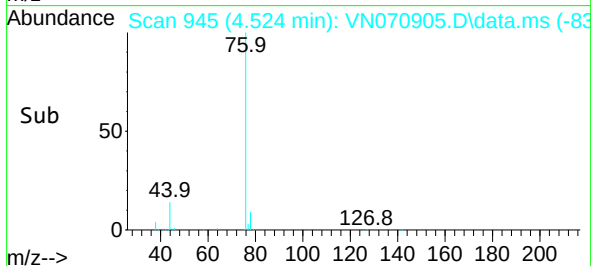
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



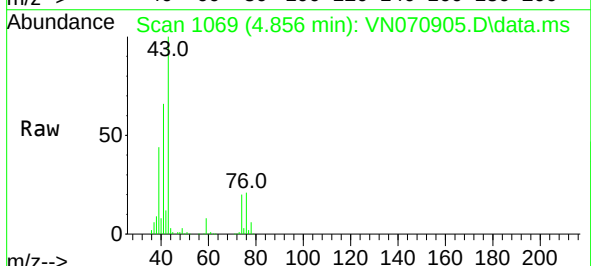
Tgt Ion: 76 Resp: 115896
Ion Ratio Lower Upper
76 100
78 9.0 7.5 11.3

Manual Integrations
APPROVED

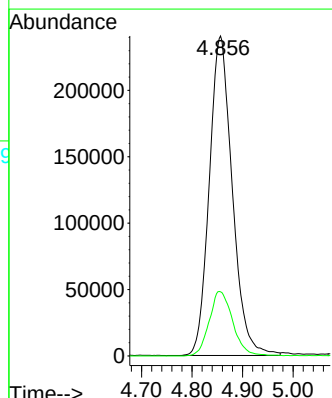
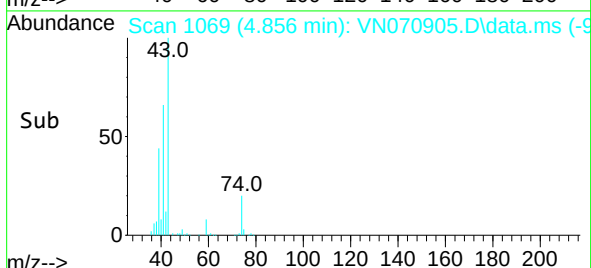
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022

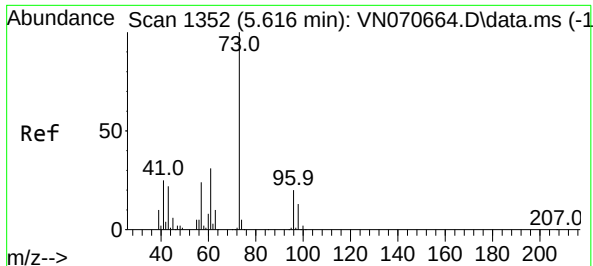


#18
Methyl Acetate
Concen: 55.540 ug/l
RT: 4.856 min Scan# 1069
Delta R.T. 0.002 min
Lab File: VN070905.D
Acq: 2 Feb 2022 21:07



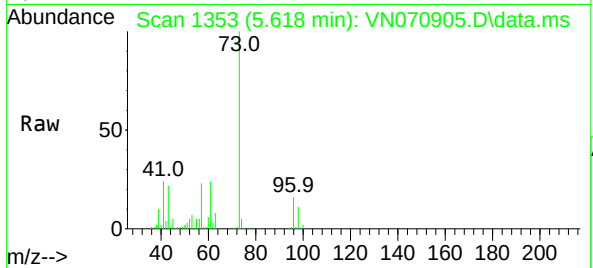
Tgt Ion: 43 Resp: 761068
Ion Ratio Lower Upper
43 100
74 20.7 19.4 29.2





#19
Methyl tert-butyl Ether
Concen: 53.201 ug/l
RT: 5.618 min Scan# 1153
Delta R.T. 0.002 min
Lab File: VN070905.D
Acq: 2 Feb 2022 21:07

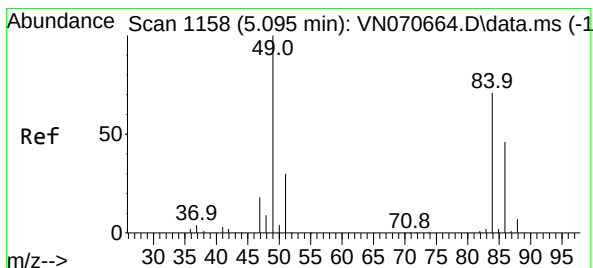
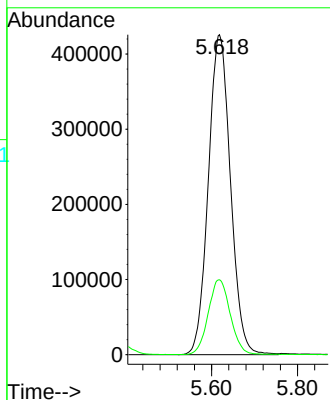
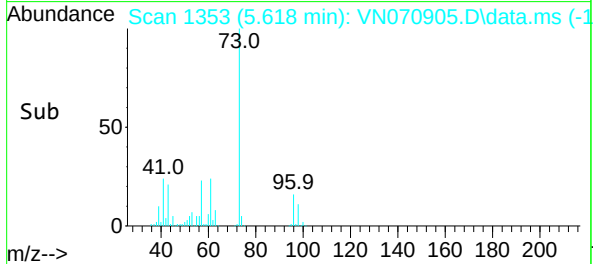
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 152164
Ion Ratio Lower Upper
73 100
57 23.4 16.8 25.2

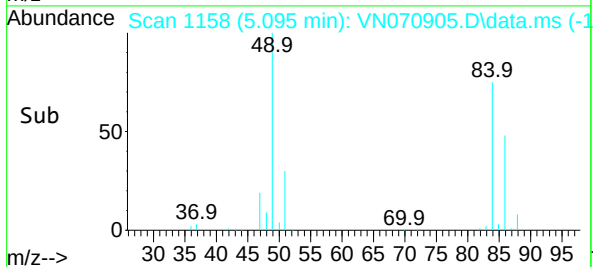
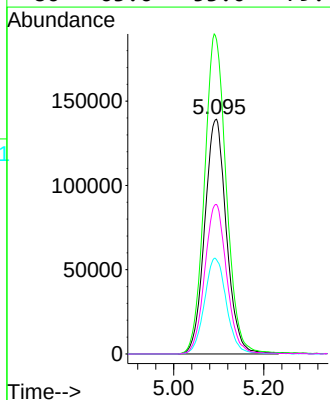
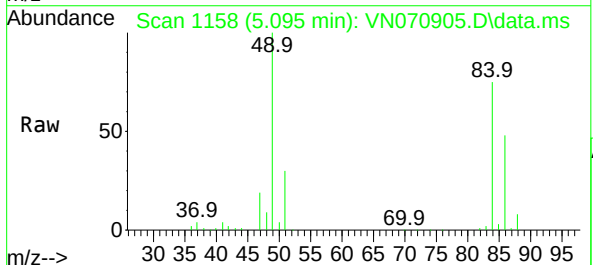
Manual Integrations
APPROVED

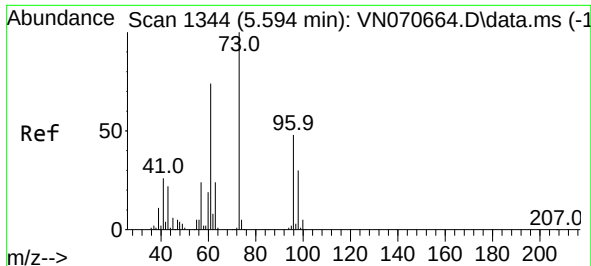
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022



#20
Methylene Chloride
Concen: 51.210 ug/l
RT: 5.095 min Scan# 1158
Delta R.T. 0.005 min
Lab File: VN070905.D
Acq: 2 Feb 2022 21:07

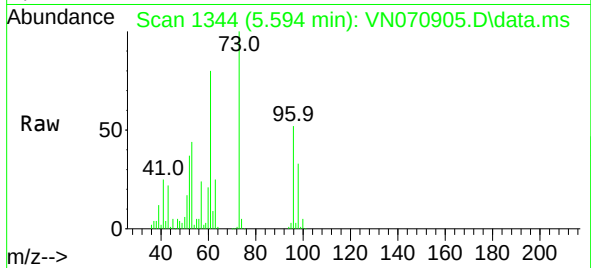
Tgt Ion: 84 Resp: 467884
Ion Ratio Lower Upper
84 100
49 133.7 93.5 140.3
51 40.1 29.4 44.2
86 63.6 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 51.813 ug/l
RT: 5.594 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN070905.D
Acq: 2 Feb 2022 21:07

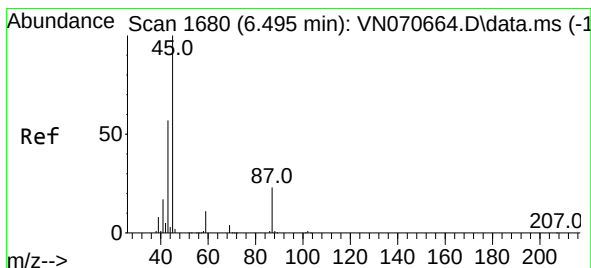
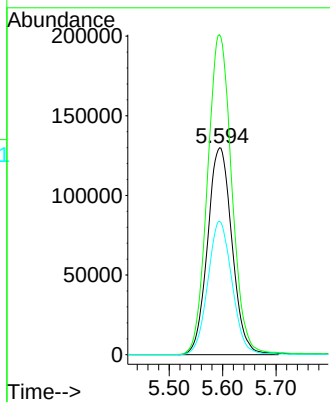
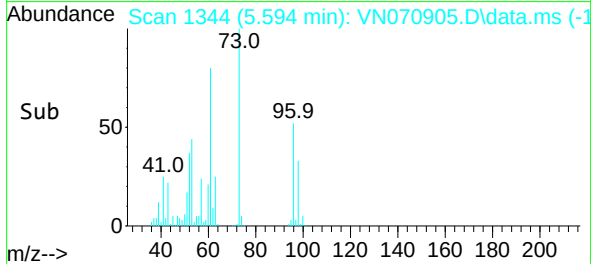
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



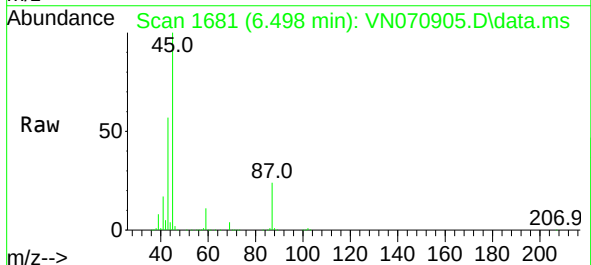
Tgt Ion: 96 Resp: 413844
Ion Ratio Lower Upper
96 100
61 154.5 105.8 158.6
98 64.5 52.0 78.0

Manual Integrations
APPROVED

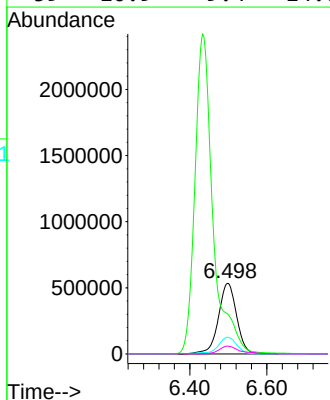
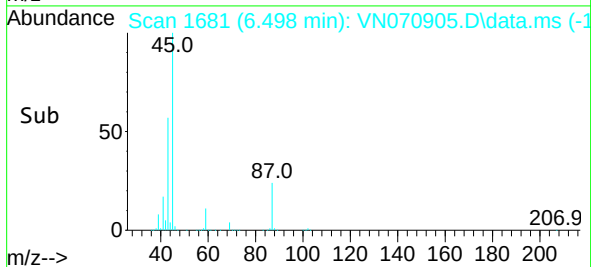
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022

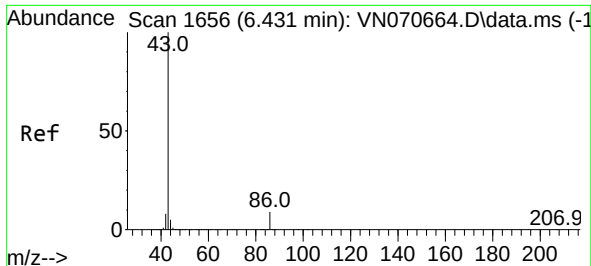


#22
Diisopropyl ether
Concen: 53.192 ug/l
RT: 6.498 min Scan# 1681
Delta R.T. 0.003 min
Lab File: VN070905.D
Acq: 2 Feb 2022 21:07



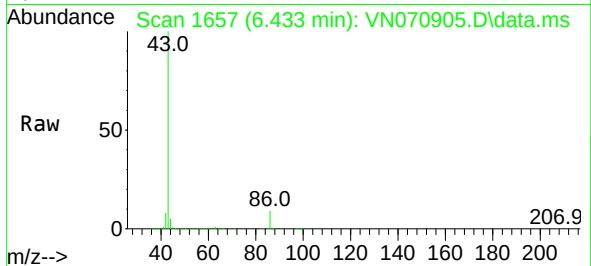
Tgt Ion: 45 Resp: 1758296
Ion Ratio Lower Upper
45 100
43 55.9 51.7 77.5
87 23.7 23.2 34.8
59 10.9 9.4 14.0





#23
 Vinyl Acetate
 Concen: 269.213 ug/l
 RT: 6.433 min Scan# 1657
 Delta R.T. -0.001 min
 Lab File: VN070905.D
 Acq: 2 Feb 2022 21:07

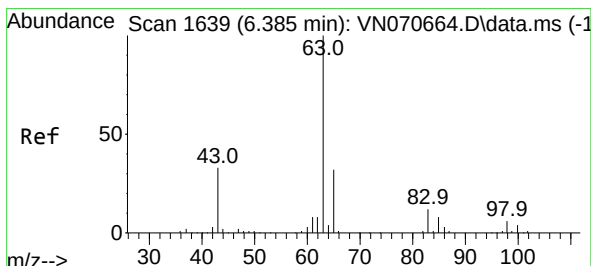
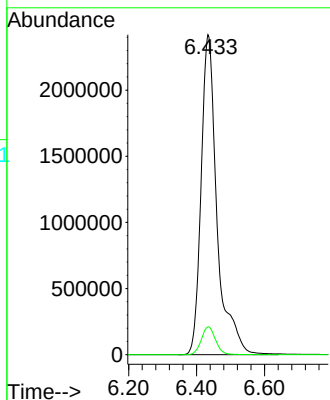
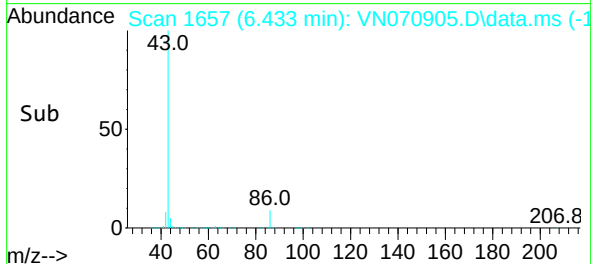
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



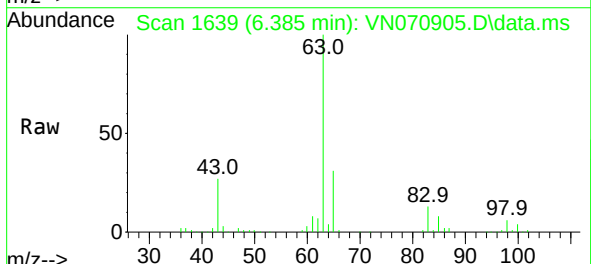
Tgt Ion: 43 Resp: 7871318
 Ion Ratio Lower Upper
 43 100
 86 8.7 8.5 12.7

Manual Integrations
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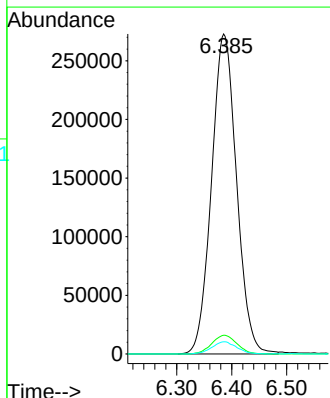
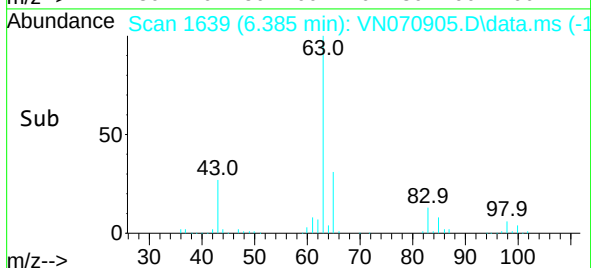
Reviewed By :John Carlone 02/03/2022
 Supervised By :Mahesh Dadoda 02/04/2022

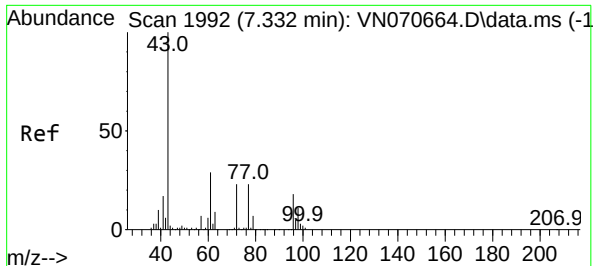


#24
 1,1-Dichloroethane
 Concen: 51.914 ug/l
 RT: 6.385 min Scan# 1639
 Delta R.T. 0.000 min
 Lab File: VN070905.D
 Acq: 2 Feb 2022 21:07



Tgt Ion: 63 Resp: 864054
 Ion Ratio Lower Upper
 63 100
 98 5.9 3.3 9.9
 100 3.8 2.1 6.5





#25

2-Butanone

Concen: 267.690 ug/l

RT: 7.337 min Scan# 1992

Delta R.T. 0.002 min

Lab File: VN070905.D

Acq: 2 Feb 2022 21:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 232479

Ion Ratio Lower Upper

43 100

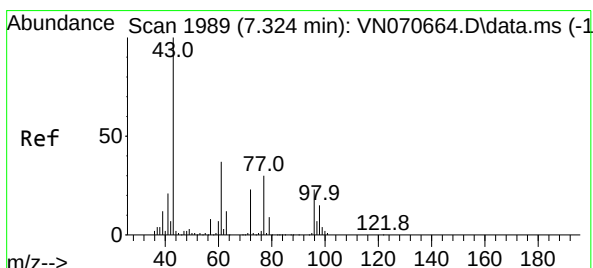
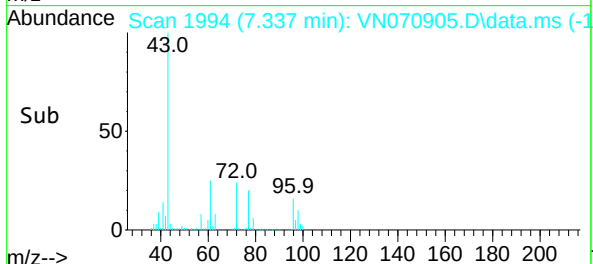
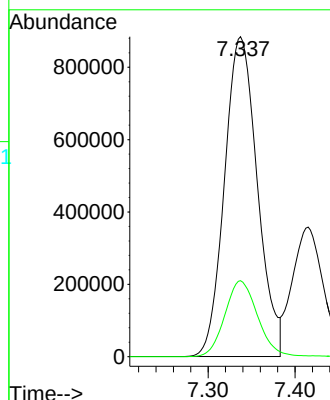
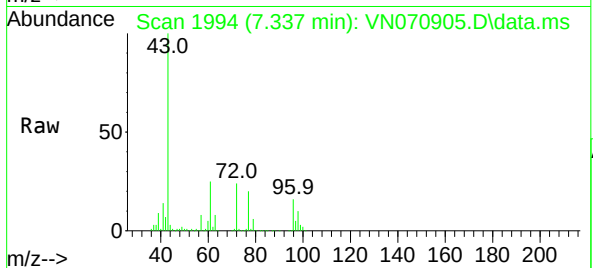
72 23.8 21.7 32.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/03/2022

Supervised By :Mahesh Dadoda 02/04/2022



#26

2,2-Dichloropropane

Concen: 48.617 ug/l

RT: 7.327 min Scan# 1990

Delta R.T. 0.006 min

Lab File: VN070905.D

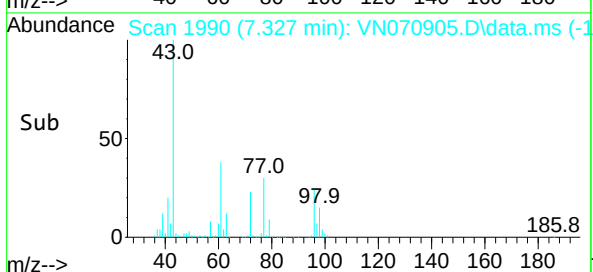
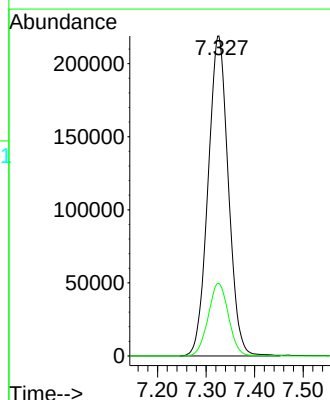
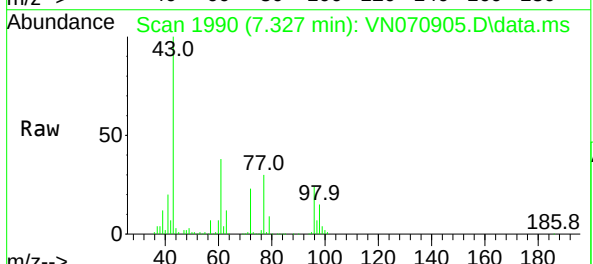
Acq: 2 Feb 2022 21:07

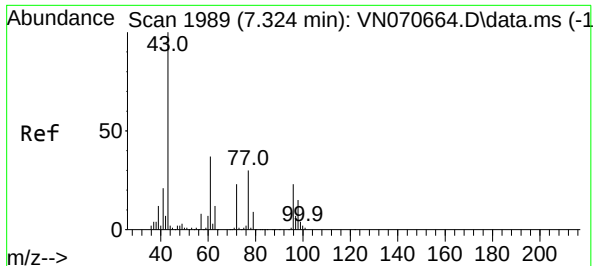
Tgt Ion: 77 Resp: 635490

Ion Ratio Lower Upper

77 100

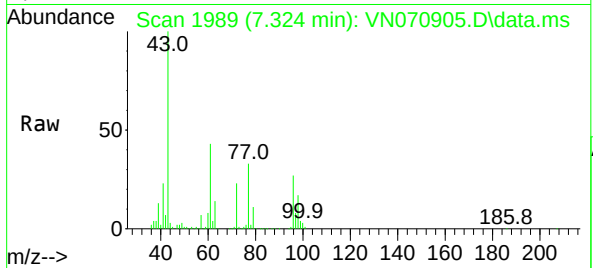
97 22.8 11.6 34.8





#27
cis-1,2-Dichloroethene
Concen: 51.074 ug/l
RT: 7.324 min Scan# 1989
Delta R.T. -0.000 min
Lab File: VN070905.D
Acq: 2 Feb 2022 21:07

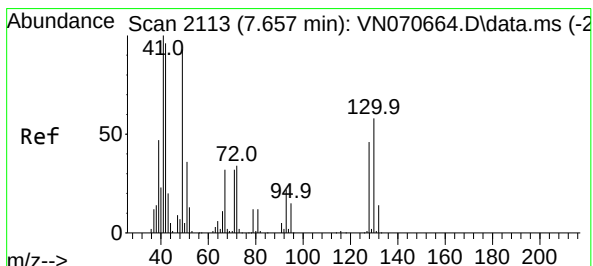
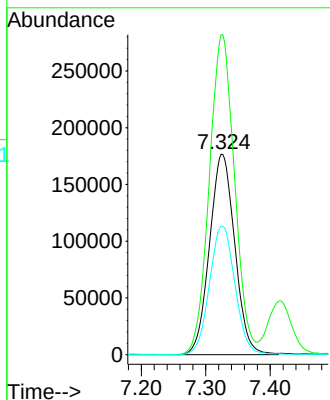
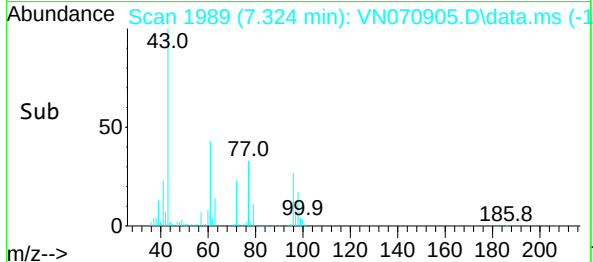
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 48180
Ion Ratio Lower Upper
96 100
61 159.2 0.0 275.0
98 64.6 0.0 129.6

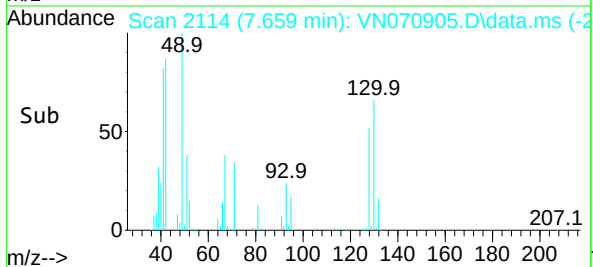
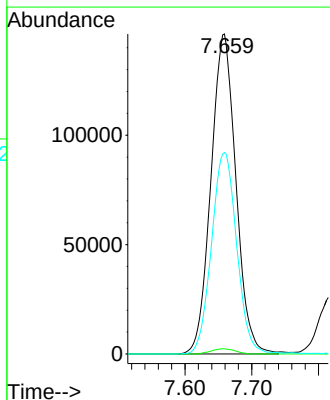
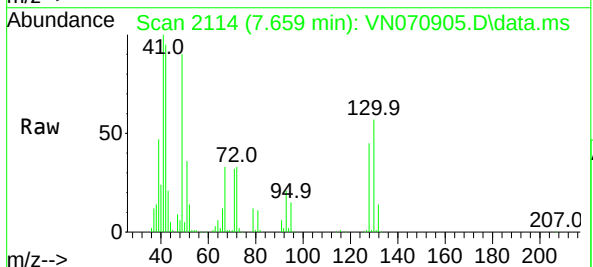
Manual Integrations
APPROVED

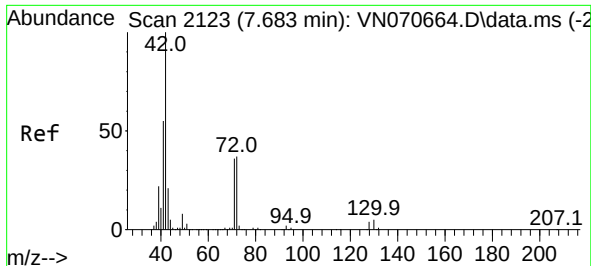
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022



#28
Bromochloromethane
Concen: 52.346 ug/l
RT: 7.659 min Scan# 2114
Delta R.T. 0.002 min
Lab File: VN070905.D
Acq: 2 Feb 2022 21:07

Tgt Ion: 49 Resp: 380179
Ion Ratio Lower Upper
49 100
129 1.5 0.0 4.0
130 63.5 67.8 101.8#





#29

Tetrahydrofuran

Concen: 280.080 ug/l

RT: 7.686 min Scan# 2123

Delta R.T. -0.000 min

Lab File: VN070905.D

Acq: 2 Feb 2022 21:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 157996

Ion Ratio Lower Upper

42 100

72 37.6 36.3 54.5

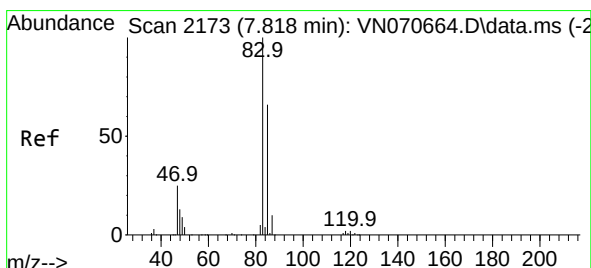
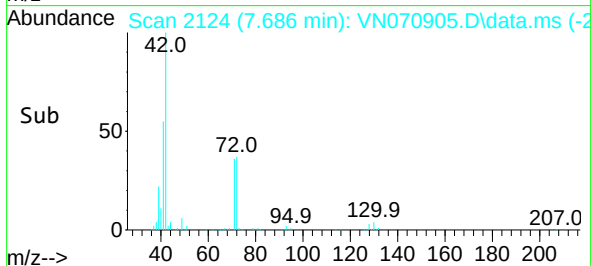
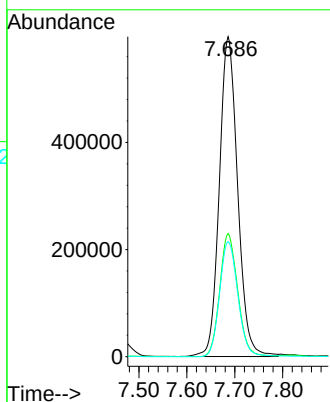
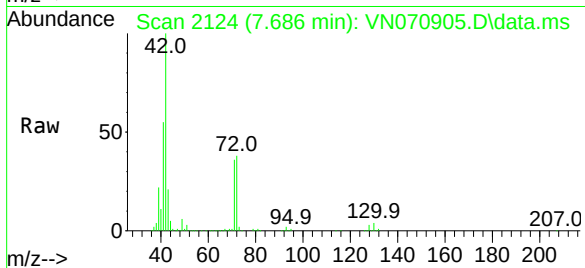
71 36.1 34.7 52.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/03/2022

Supervised By :Mahesh Dadoda 02/04/2022



#30

Chloroform

Concen: 50.797 ug/l

RT: 7.817 min Scan# 2173

Delta R.T. -0.001 min

Lab File: VN070905.D

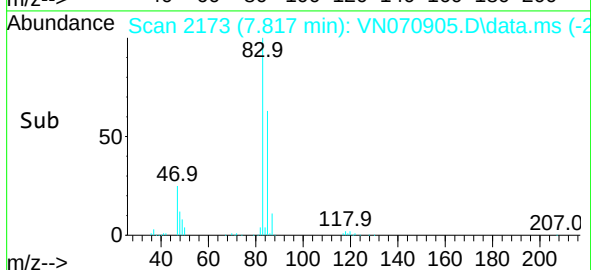
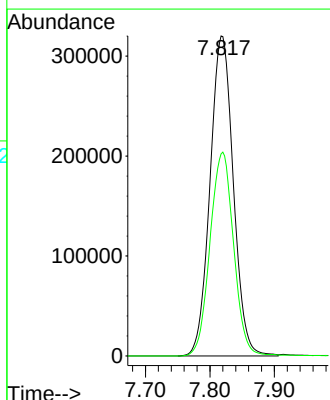
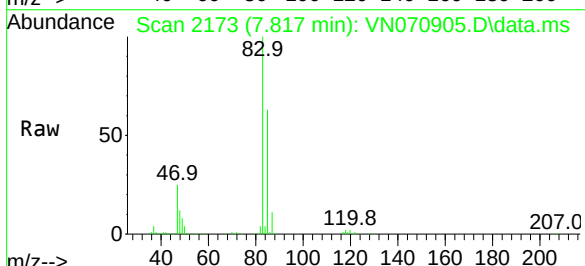
Acq: 2 Feb 2022 21:07

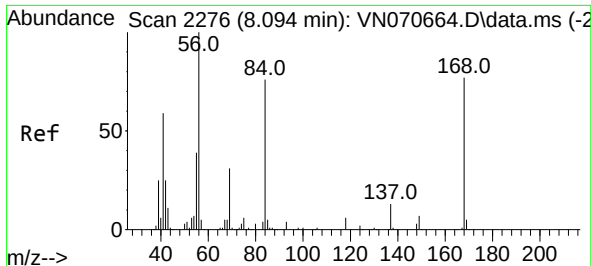
Tgt Ion: 83 Resp: 804320

Ion Ratio Lower Upper

83 100

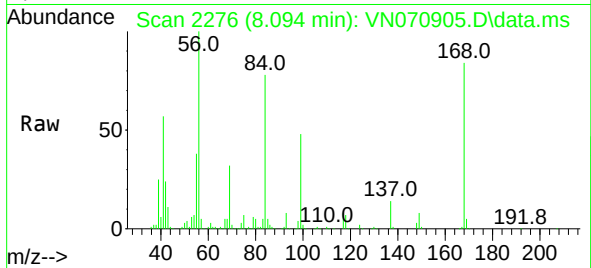
85 63.2 51.9 77.9





#31
Cyclohexane
Concen: 50.325 ug/l
RT: 8.094 min Scan# 2276
Delta R.T. -0.000 min
Lab File: VN070905.D
Acq: 2 Feb 2022 21:07

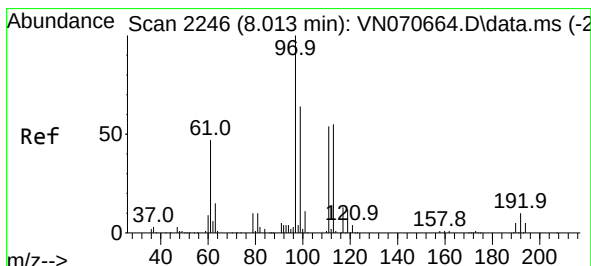
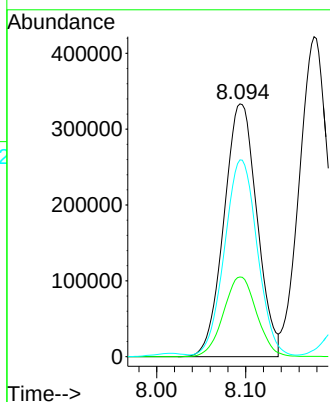
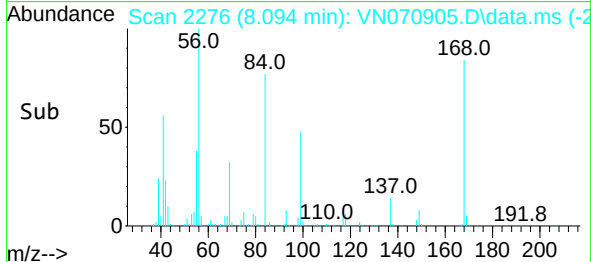
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



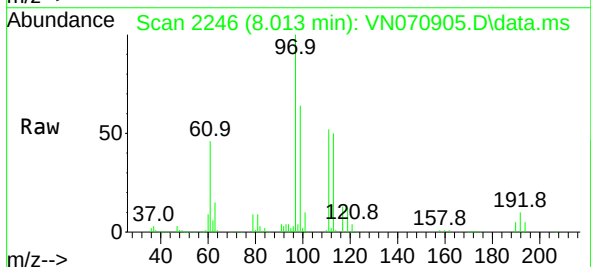
Tgt Ion: 56 Resp: 860360
Ion Ratio Lower Upper
56 100
69 31.5 27.1 40.7
84 76.7 73.4 110.0

Manual Integrations
APPROVED

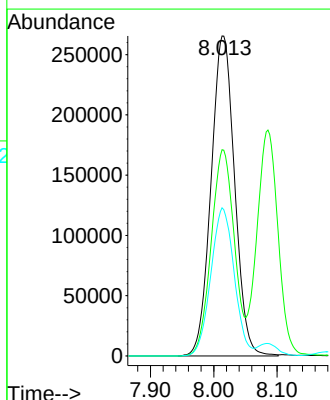
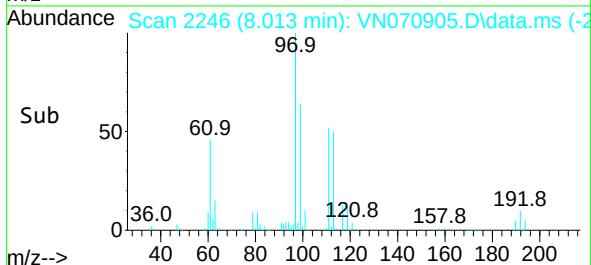
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022

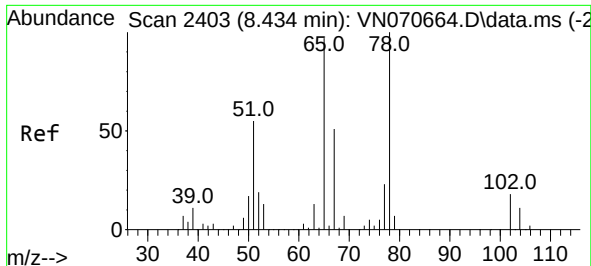


#32
1,1,1-Trichloroethane
Concen: 51.364 ug/l
RT: 8.013 min Scan# 2246
Delta R.T. 0.000 min
Lab File: VN070905.D
Acq: 2 Feb 2022 21:07



Tgt Ion: 97 Resp: 686483
Ion Ratio Lower Upper
97 100
99 63.2 50.1 75.1
61 46.1 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 49.837 ug/l

RT: 8.437 min Scan# 2403

Delta R.T. -0.000 min

Lab File: VN070905.D

Acq: 2 Feb 2022 21:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 50145

Ion Ratio Lower Upper

65 100

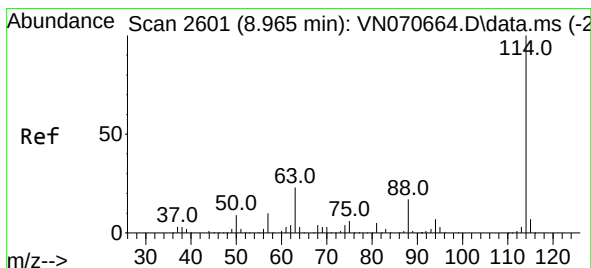
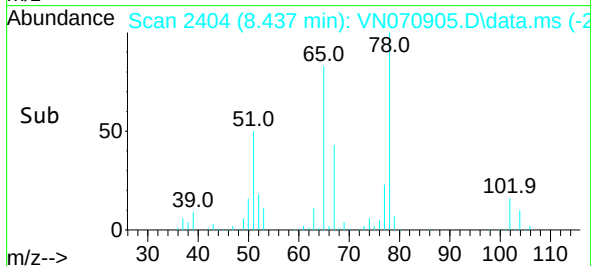
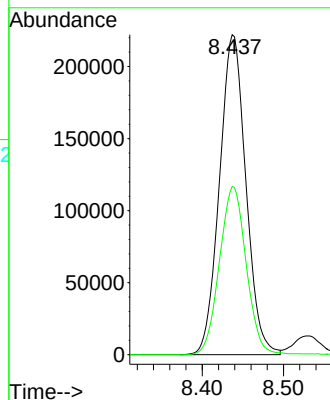
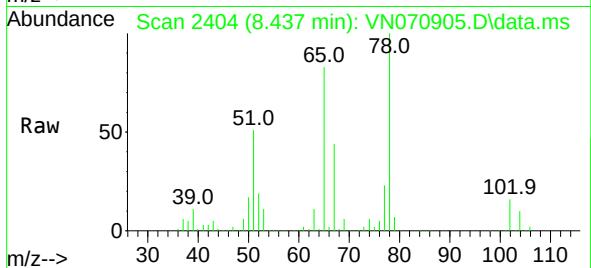
67 53.2 0.0 103.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/03/2022

Supervised By :Mahesh Dadoda 02/04/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.968 min Scan# 2602

Delta R.T. 0.002 min

Lab File: VN070905.D

Acq: 2 Feb 2022 21:07

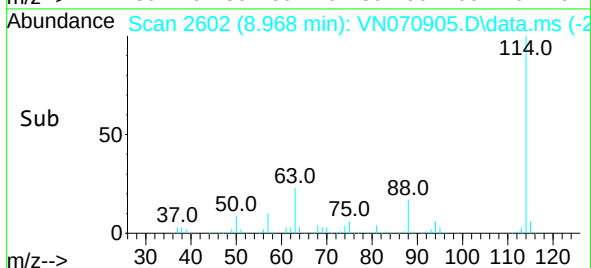
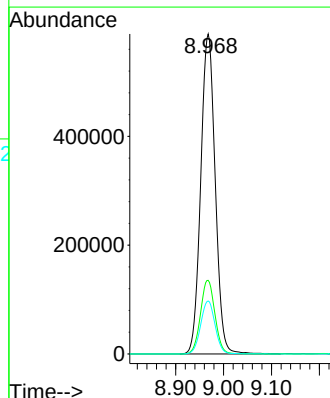
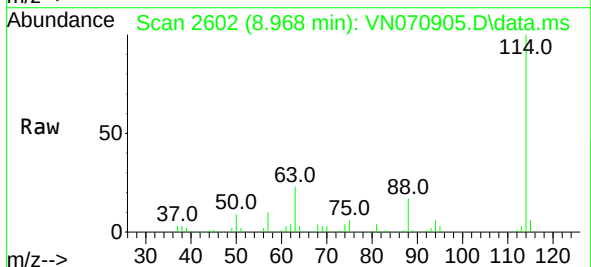
Tgt Ion:114 Resp: 1239585

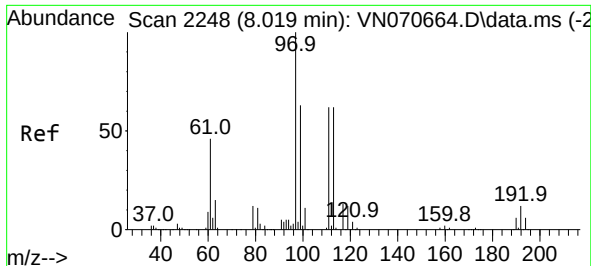
Ion Ratio Lower Upper

114 100

63 23.0 0.0 37.8

88 16.6 0.0 27.4





#35

Dibromofluoromethane

Concen: 49.566 ug/l

RT: 8.021 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN070905.D

Acq: 2 Feb 2022 21:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:113 Resp: 368070

Ion Ratio Lower Upper

113 100

111 103.6 82.2 123.2

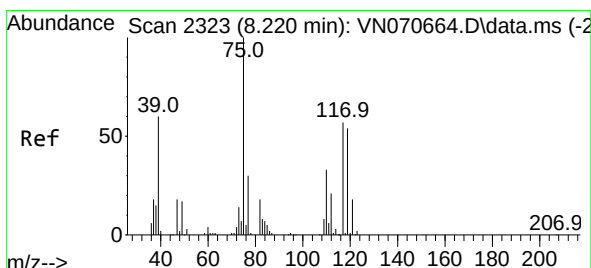
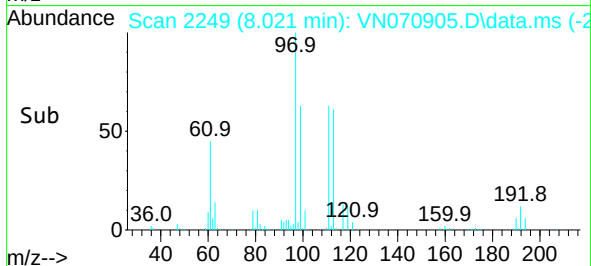
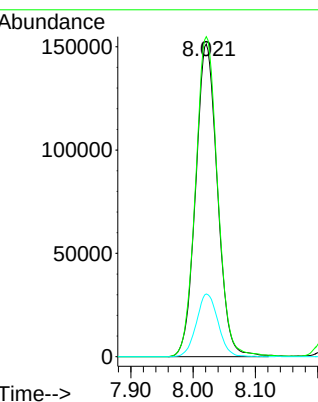
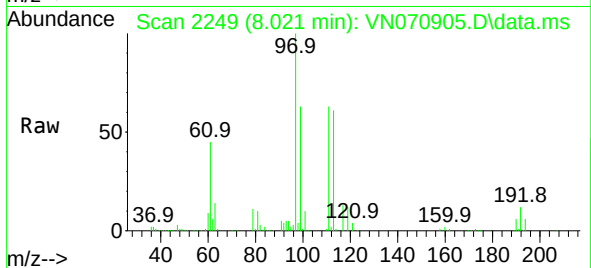
192 20.0 16.9 25.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/03/2022

Supervised By :Mahesh Dadoda 02/04/2022



#36

1,1-Dichloropropene

Concen: 51.269 ug/l

RT: 8.222 min Scan# 2324

Delta R.T. 0.002 min

Lab File: VN070905.D

Acq: 2 Feb 2022 21:07

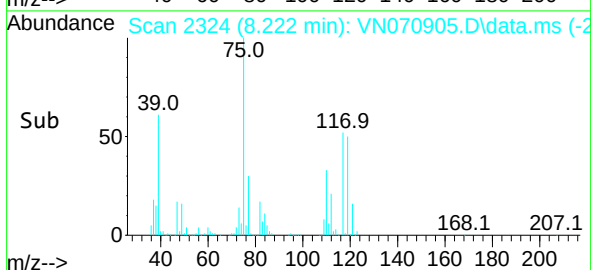
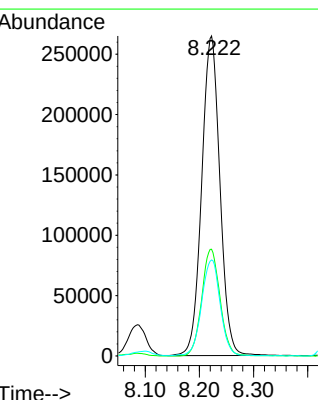
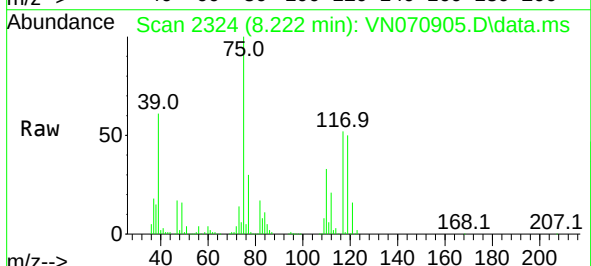
Tgt Ion: 75 Resp: 618496

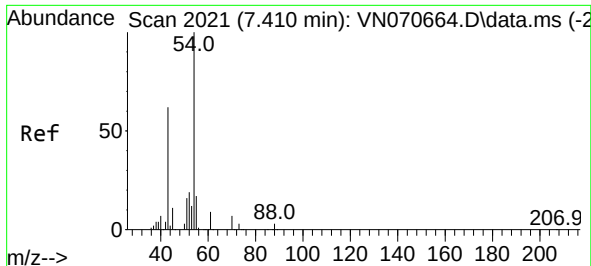
Ion Ratio Lower Upper

75 100

110 33.5 18.4 55.2

77 30.7 24.4 36.6





#37

Ethyl Acetate

Concen: 55.593 ug/l

RT: 7.415 min Scan# 2021

Delta R.T. 0.002 min

Lab File: VN070905.D

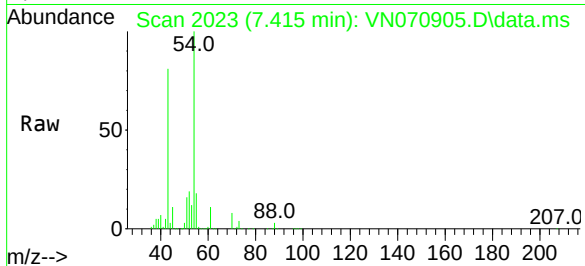
Acq: 2 Feb 2022 21:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



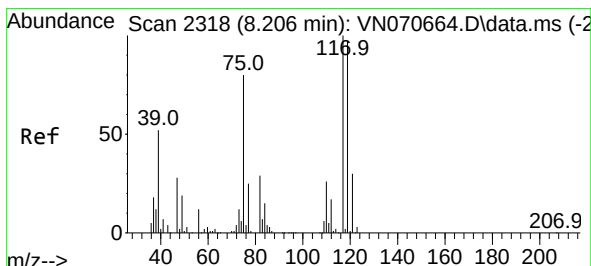
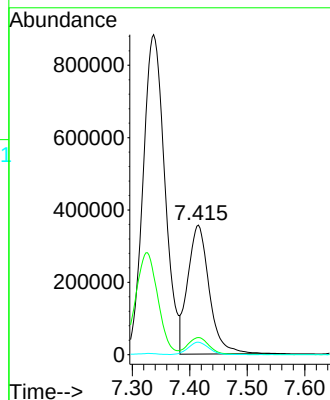
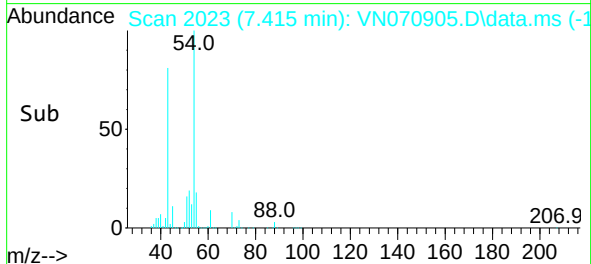
Tgt Ion:	43	Resp:	92432
Ion	Ratio	Lower	Upper
43	100		
61	12.9	11.5	17.3
70	9.1	7.9	11.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/03/2022

Supervised By :Mahesh Dadoda 02/04/2022



#38

Carbon Tetrachloride

Concen: 50.833 ug/l

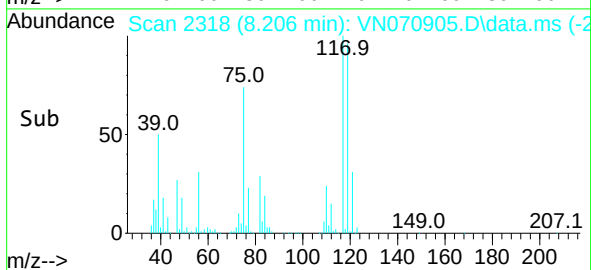
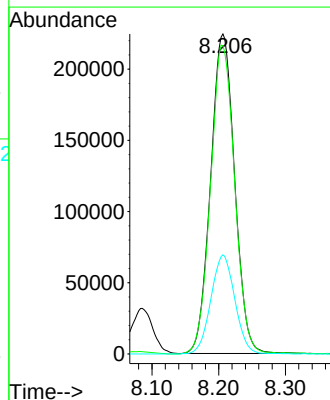
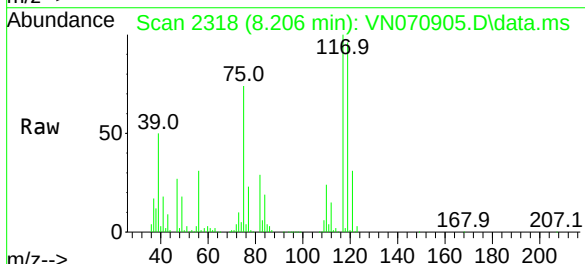
RT: 8.206 min Scan# 2318

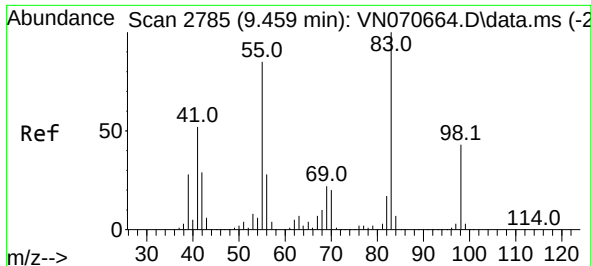
Delta R.T. 0.000 min

Lab File: VN070905.D

Acq: 2 Feb 2022 21:07

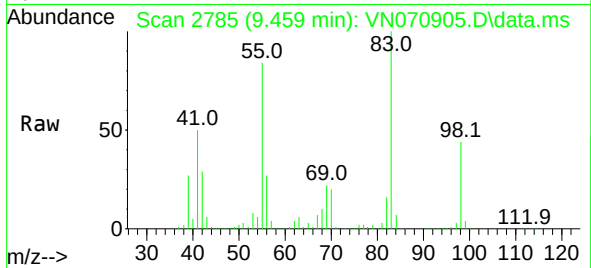
Tgt Ion:	117	Resp:	560025
Ion	Ratio	Lower	Upper
117	100		
119	96.5	76.1	114.1
121	31.1	24.2	36.2





#39
Methylcyclohexane
Concen: 52.318 ug/l
RT: 9.459 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070905.D
Acq: 2 Feb 2022 21:07

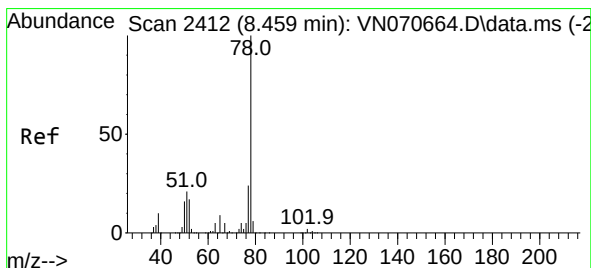
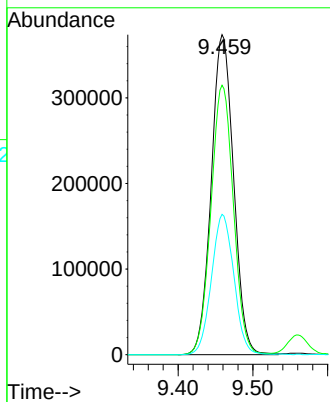
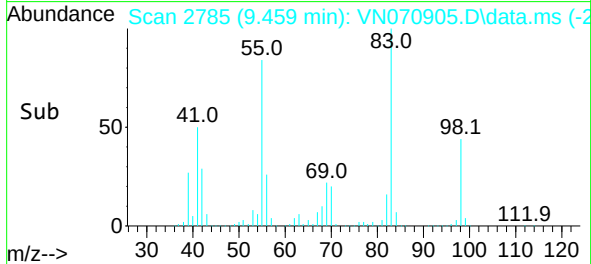
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 775870
Ion Ratio Lower Upper
83 100
55 84.2 58.1 87.1
98 43.8 38.4 57.6

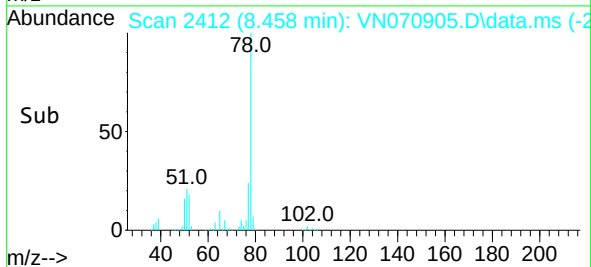
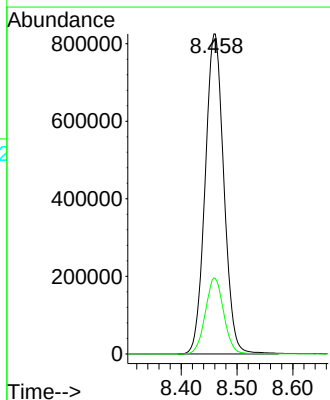
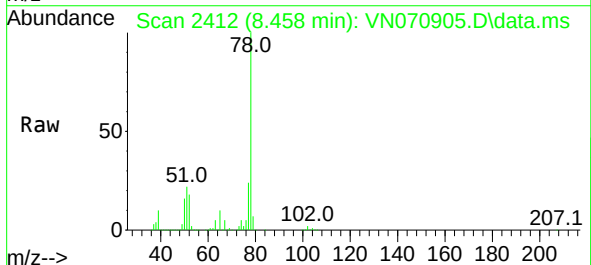
Manual Integrations
APPROVED

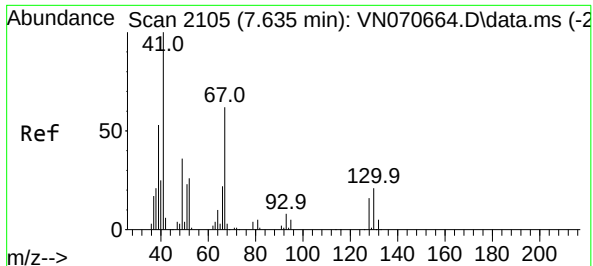
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022



#40
Benzene
Concen: 50.722 ug/l
RT: 8.458 min Scan# 2412
Delta R.T. -0.001 min
Lab File: VN070905.D
Acq: 2 Feb 2022 21:07

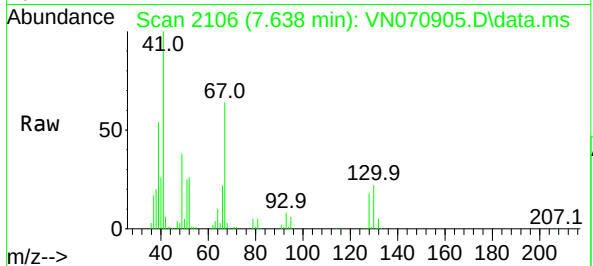
Tgt Ion: 78 Resp: 1922394
Ion Ratio Lower Upper
78 100
77 23.7 18.6 27.8





#41
Methacrylonitrile
Concen: 55.531 ug/l
RT: 7.638 min Scan# 2106
Delta R.T. 0.003 min
Lab File: VN070905.D
Acq: 2 Feb 2022 21:07

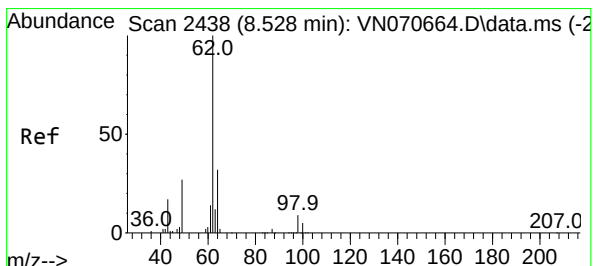
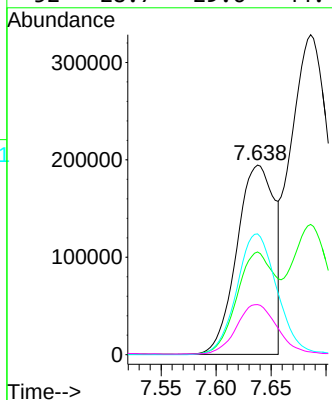
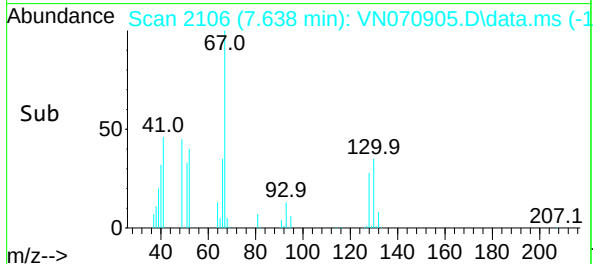
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 463890
Ion Ratio Lower Upper
41 100
39 55.8 48.1 72.1
67 68.8 68.3 102.5
52 28.7 29.6 44.4#

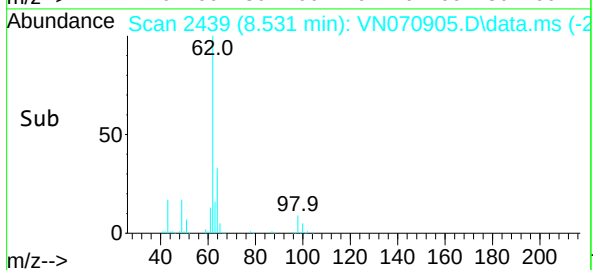
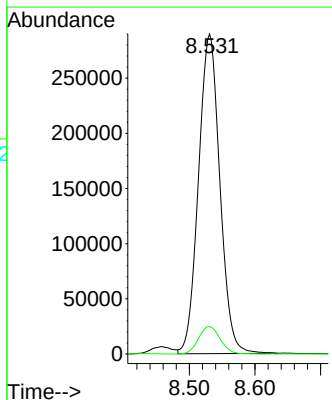
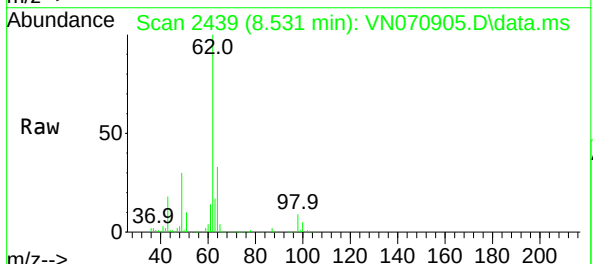
Manual Integrations
APPROVED

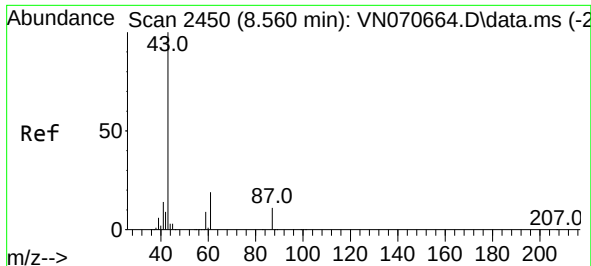
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022



#42
1,2-Dichloroethane
Concen: 50.831 ug/l
RT: 8.531 min Scan# 2439
Delta R.T. 0.003 min
Lab File: VN070905.D
Acq: 2 Feb 2022 21:07

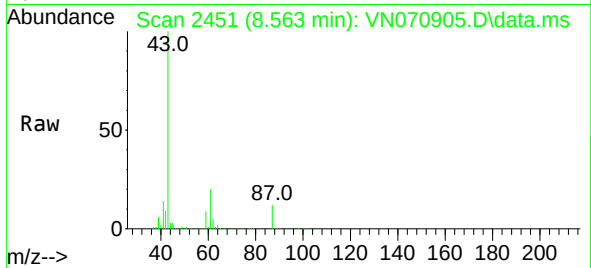
Tgt Ion: 62 Resp: 655848
Ion Ratio Lower Upper
62 100
98 8.7 0.0 17.6





#43
Isopropyl Acetate
Concen: 49.577 ug/l
RT: 8.563 min Scan# 2450
Delta R.T. 0.003 min
Lab File: VN070905.D
Acq: 2 Feb 2022 21:07

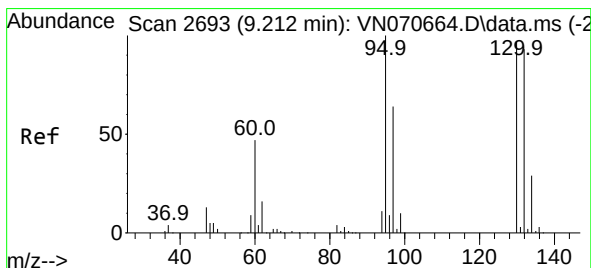
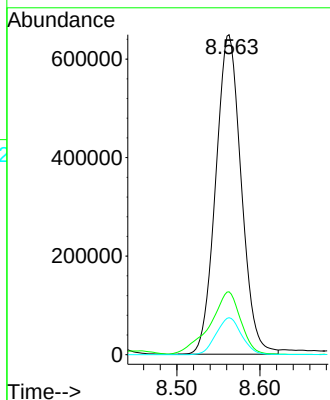
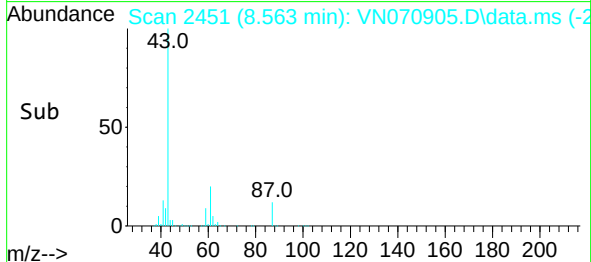
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 138569
Ion Ratio Lower Upper
43 100
61 23.7 20.4 30.6
87 11.6 11.2 16.8

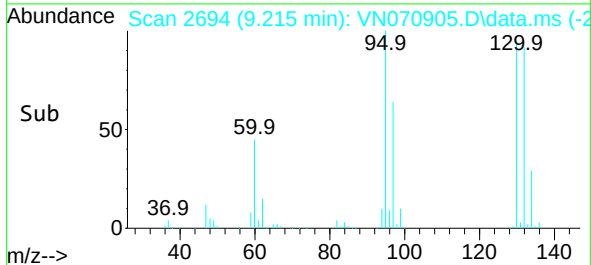
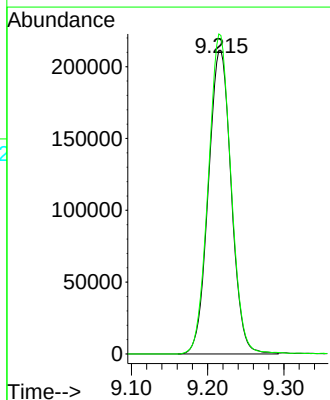
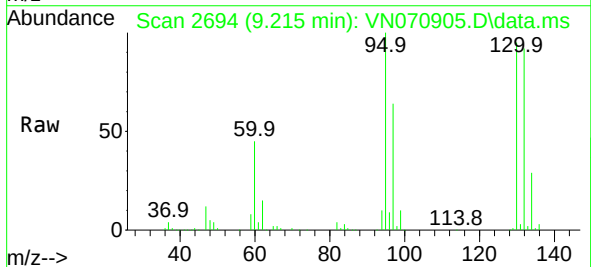
Manual Integrations
APPROVED

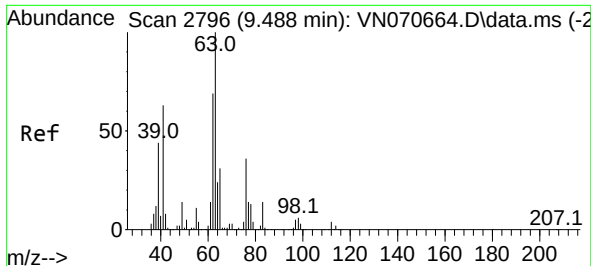
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022



#44
Trichloroethene
Concen: 50.129 ug/l
RT: 9.215 min Scan# 2694
Delta R.T. -0.000 min
Lab File: VN070905.D
Acq: 2 Feb 2022 21:07

Tgt Ion:130 Resp: 439626
Ion Ratio Lower Upper
130 100
95 105.4 0.0 191.2





#45

1,2-Dichloropropane

Concen: 52.190 ug/l

RT: 9.491 min Scan# 21

Delta R.T. 0.003 min

Lab File: VN070905.D

Acq: 2 Feb 2022 21:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 52968

Ion Ratio Lower Upper

63 100

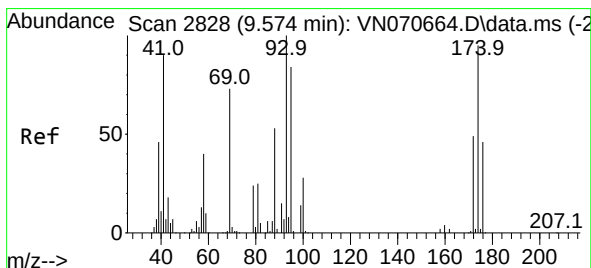
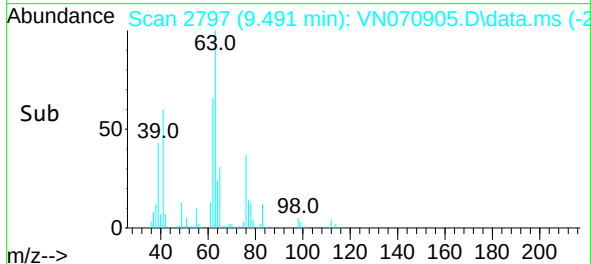
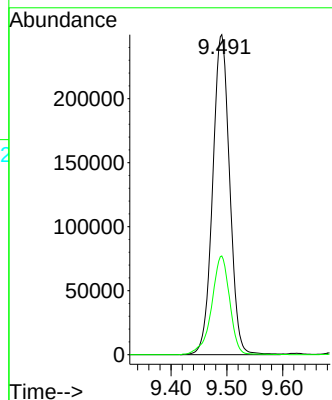
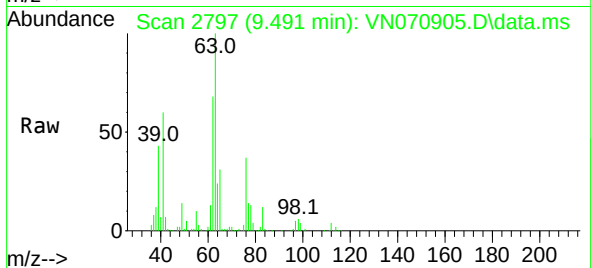
65 30.8 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/03/2022

Supervised By :Mahesh Dadoda 02/04/2022



#46

Dibromomethane

Concen: 51.825 ug/l

RT: 9.577 min Scan# 2829

Delta R.T. -0.000 min

Lab File: VN070905.D

Acq: 2 Feb 2022 21:07

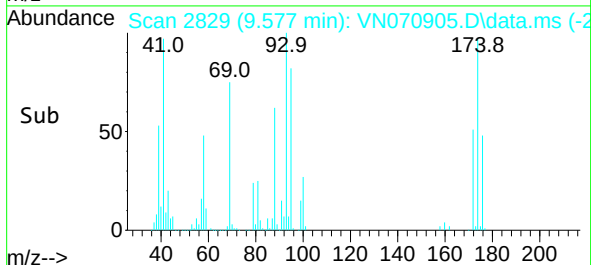
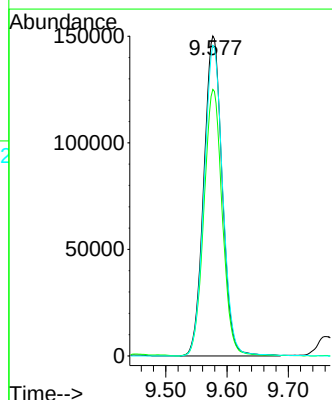
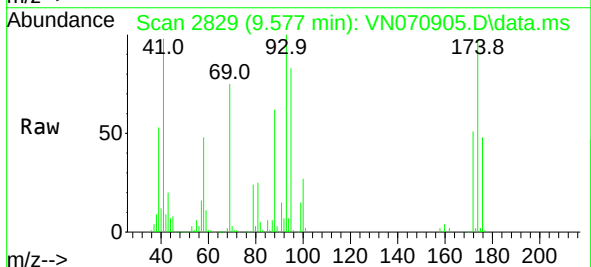
Tgt Ion: 93 Resp: 315082

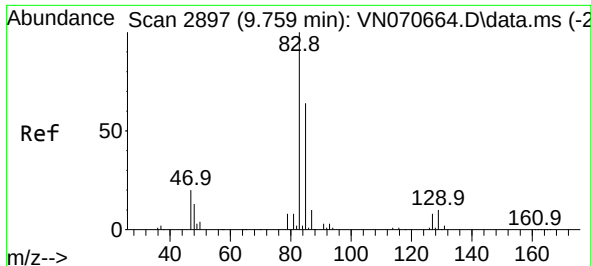
Ion Ratio Lower Upper

93 100

95 82.7 65.9 98.9

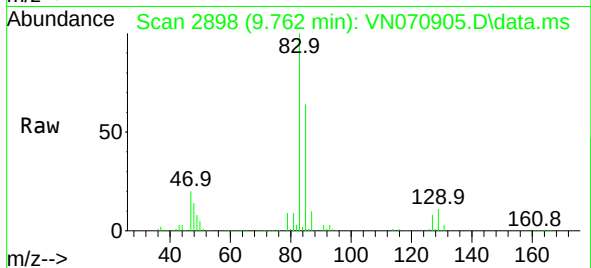
174 97.5 84.6 127.0





#47
Bromodichloromethane
Concen: 51.856 ug/l
RT: 9.762 min Scan# 2898
Delta R.T. -0.000 min
Lab File: VN070905.D
Acq: 2 Feb 2022 21:07

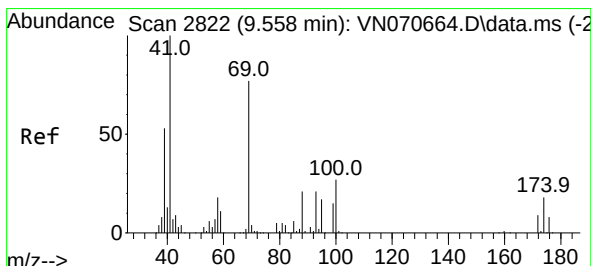
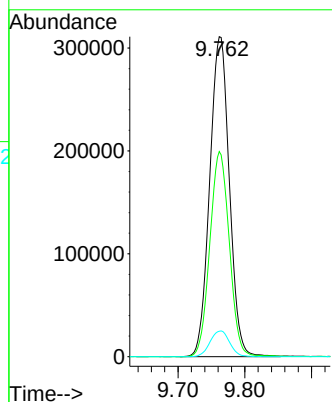
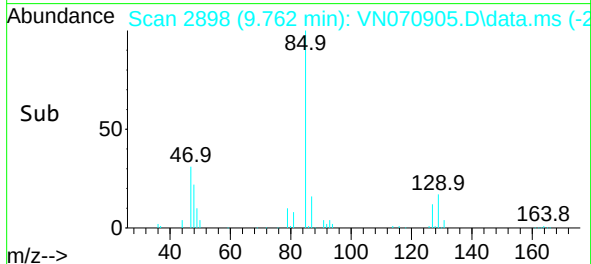
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



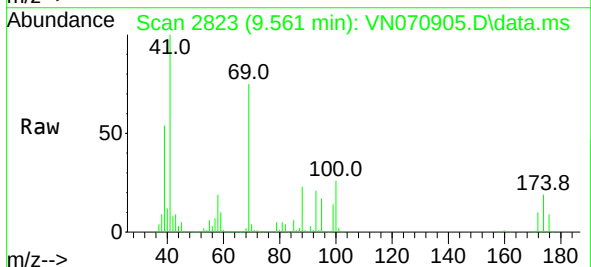
Tgt Ion: 83 Resp: 63504
Ion Ratio Lower Upper
83 100
85 64.1 50.9 76.3
127 8.0 7.1 10.7

Manual Integrations
APPROVED

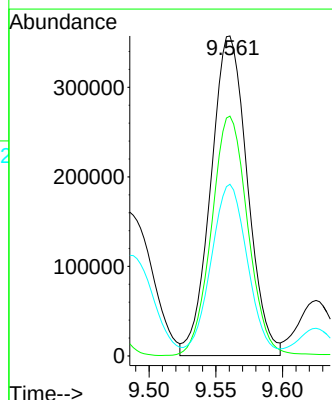
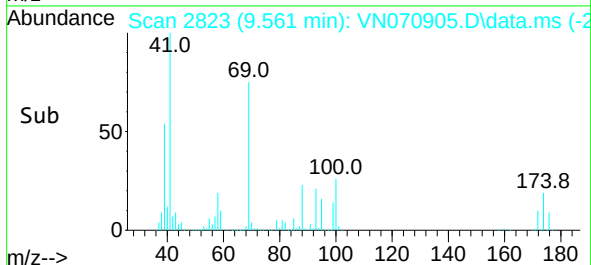
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022

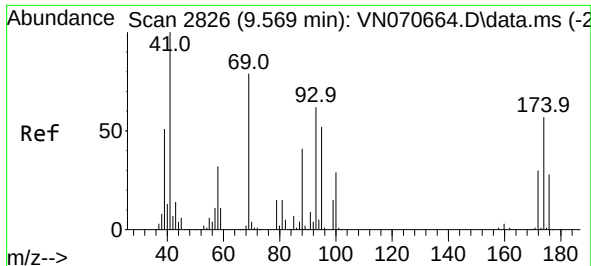


#48
Methyl methacrylate
Concen: 56.385 ug/l
RT: 9.561 min Scan# 2823
Delta R.T. 0.003 min
Lab File: VN070905.D
Acq: 2 Feb 2022 21:07



Tgt Ion: 41 Resp: 679481
Ion Ratio Lower Upper
41 100
69 75.0 72.4 108.6
39 53.3 58.4 87.6#





#49

1,4-Dioxane

Concen: 1106.857 ug/l

RT: 9.569 min Scan# 2826

Delta R.T. -0.000 min

Lab File: VN070905.D

Acq: 2 Feb 2022 21:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 22344

Ion Ratio Lower Upper

88 100

43 32.8 23.4 35.2

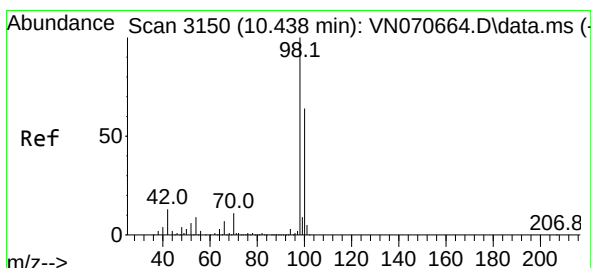
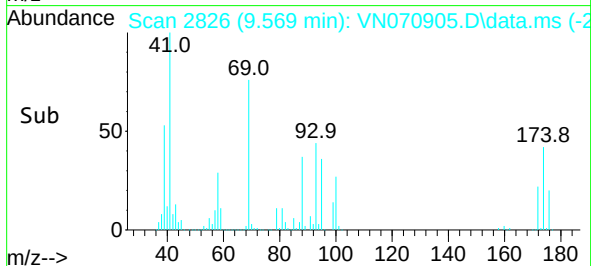
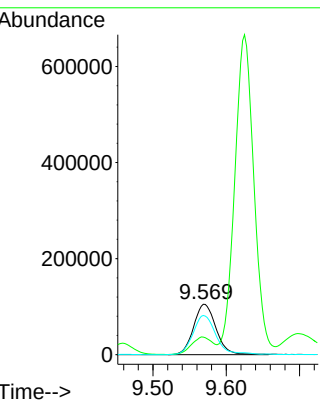
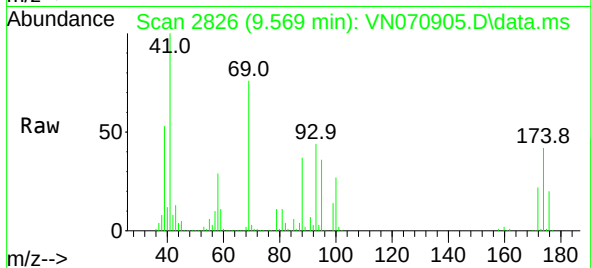
58 80.2 50.6 75.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/03/2022

Supervised By :Mahesh Dadoda 02/04/2022



#50

Toluene-d8

Concen: 50.206 ug/l

RT: 10.440 min Scan# 3151

Delta R.T. -0.001 min

Lab File: VN070905.D

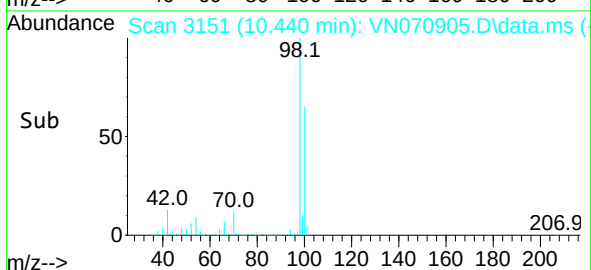
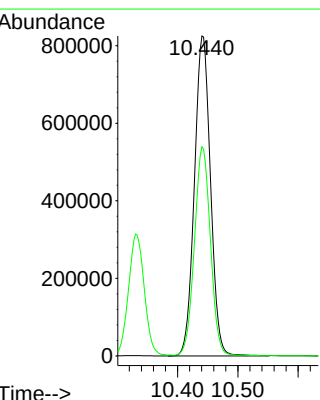
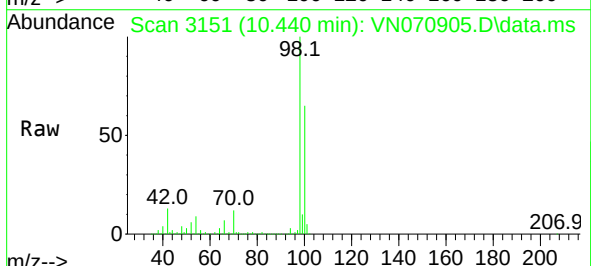
Acq: 2 Feb 2022 21:07

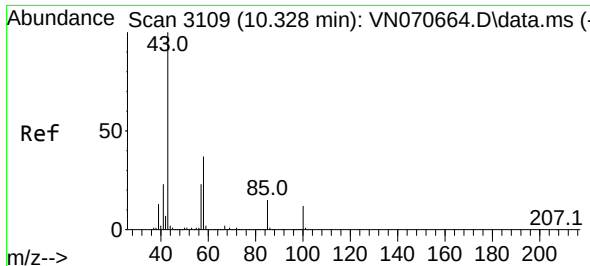
Tgt Ion: 98 Resp: 1530769

Ion Ratio Lower Upper

98 100

100 65.0 50.4 75.6





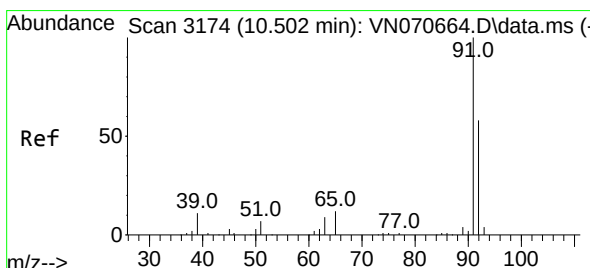
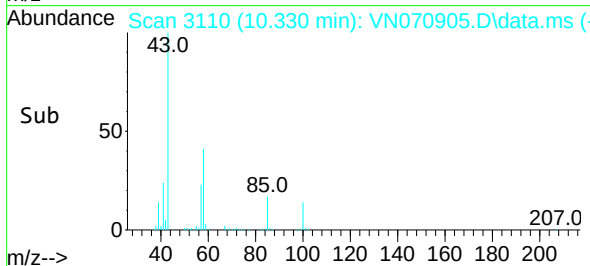
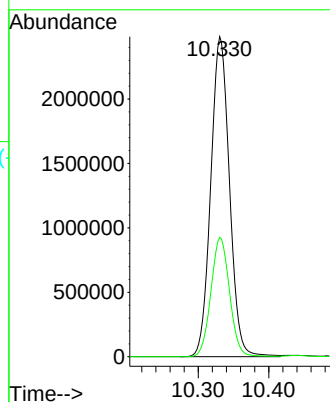
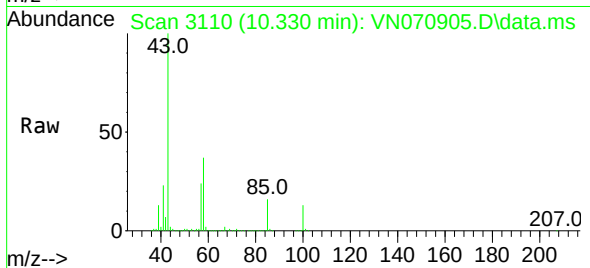
#51
4-Methyl-2-Pentanone
Concen: 277.660 ug/l
RT: 10.330 min Scan# 3110
Delta R.T. -0.001 min
Lab File: VN070905.D
Acq: 2 Feb 2022 21:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 4568000
Ion Ratio Lower Upper
43 100
58 37.2 30.4 45.6

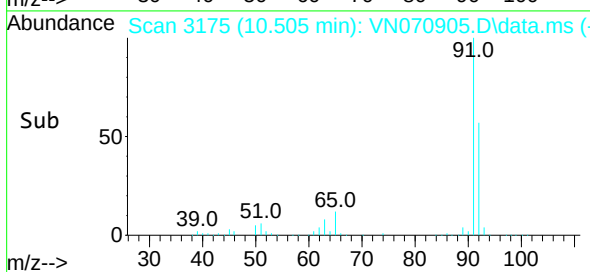
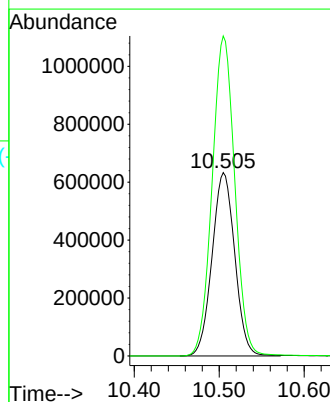
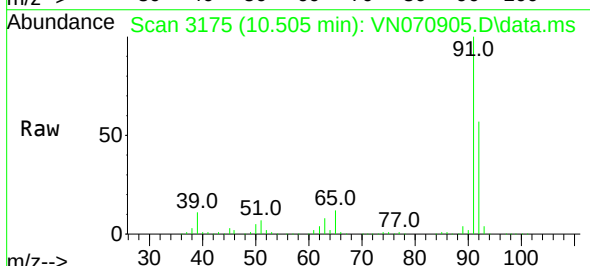
Manual Integrations
APPROVED

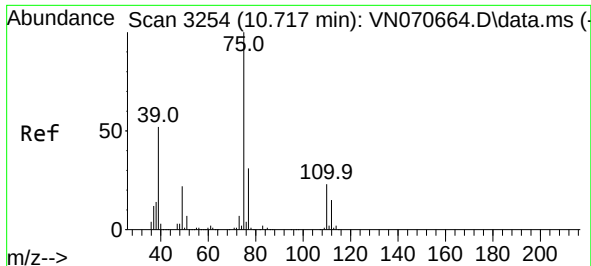
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022



#52
Toluene
Concen: 49.999 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.000 min
Lab File: VN070905.D
Acq: 2 Feb 2022 21:07

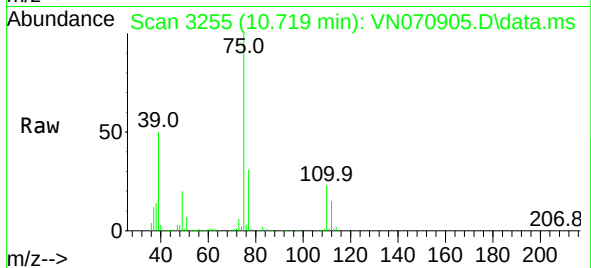
Tgt Ion: 92 Resp: 1174144
Ion Ratio Lower Upper
92 100
91 174.4 142.0 213.0





#53
 t-1,3-Dichloropropene
 Concen: 51.767 ug/l
 RT: 10.719 min Scan# 31
 Delta R.T. 0.002 min
 Lab File: VN070905.D
 Acq: 2 Feb 2022 21:07

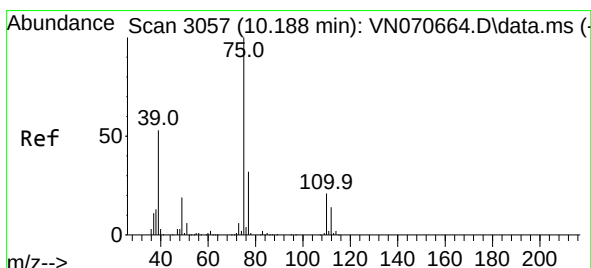
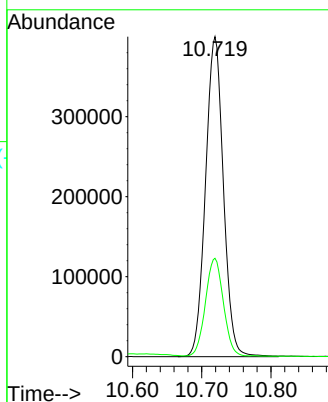
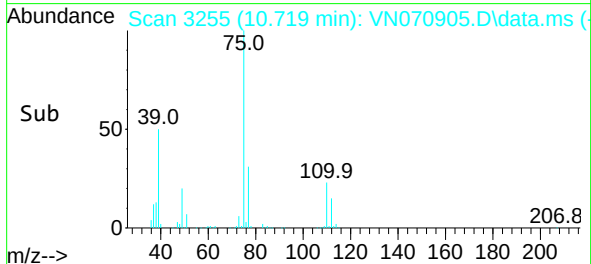
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 75 Resp: 715454
 Ion Ratio Lower Upper
 75 100
 77 30.6 25.6 38.4

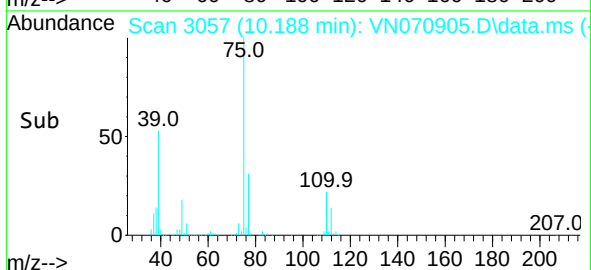
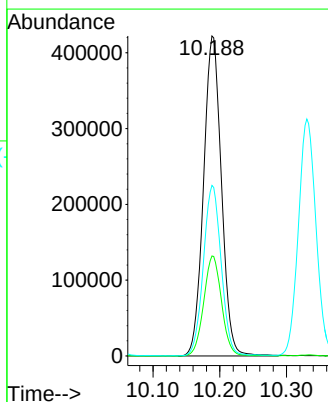
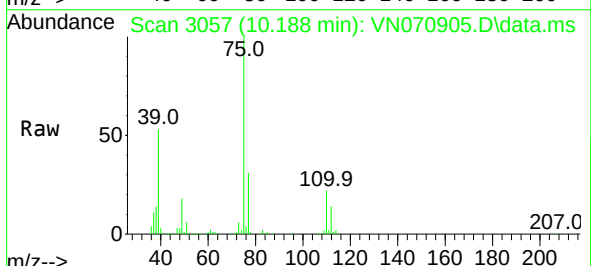
Manual Integrations
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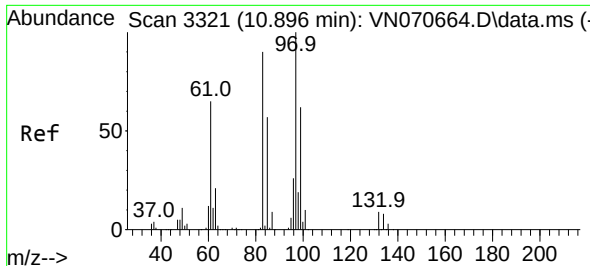
Reviewed By :John Carlone 02/03/2022
 Supervised By :Mahesh Dadoda 02/04/2022



#54
 cis-1,3-Dichloropropene
 Concen: 52.339 ug/l
 RT: 10.188 min Scan# 3057
 Delta R.T. 0.000 min
 Lab File: VN070905.D
 Acq: 2 Feb 2022 21:07

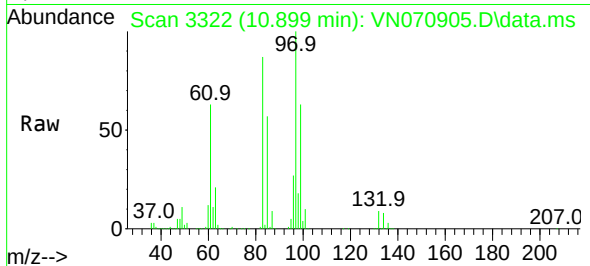
Tgt Ion: 75 Resp: 786750
 Ion Ratio Lower Upper
 75 100
 77 31.3 26.4 39.6
 39 53.2 42.5 63.7





#55
1,1,2-Trichloroethane
Concen: 51.293 ug/l
RT: 10.899 min Scan# 3321
Delta R.T. 0.003 min
Lab File: VN070905.D
Acq: 2 Feb 2022 21:07

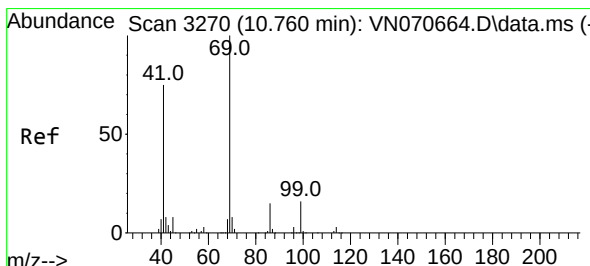
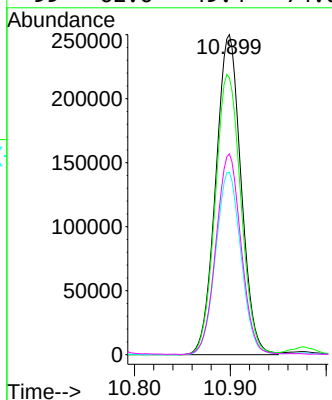
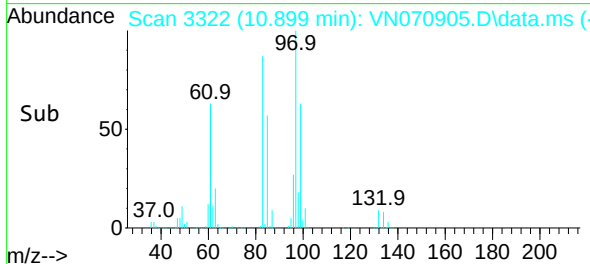
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 97 Resp: 457460
Ion Ratio Lower Upper
97 100
83 86.6 67.8 101.6
85 57.1 45.4 68.2
99 62.6 49.4 74.0

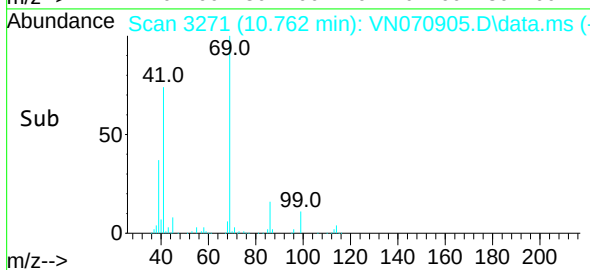
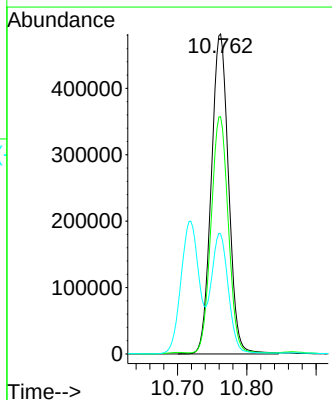
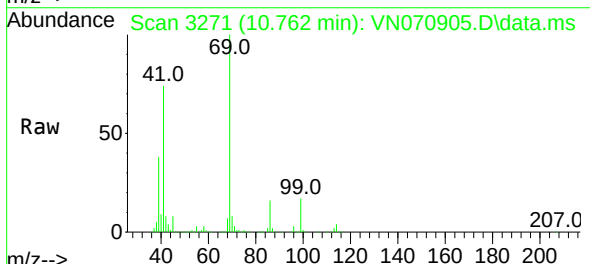
Manual Integrations
APPROVED

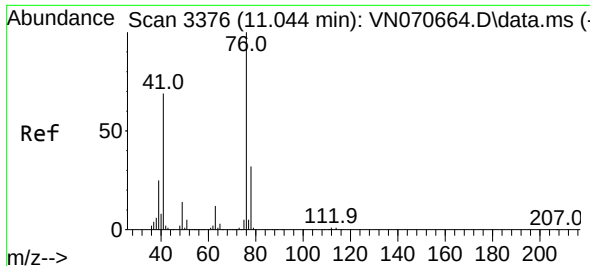
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022



#56
Ethyl methacrylate
Concen: 53.883 ug/l
RT: 10.762 min Scan# 3271
Delta R.T. 0.002 min
Lab File: VN070905.D
Acq: 2 Feb 2022 21:07

Tgt Ion: 69 Resp: 837012
Ion Ratio Lower Upper
69 100
41 73.2 51.4 77.0
39 36.6 34.6 52.0





#57

1,3-Dichloropropane

Concen: 52.069 ug/l

RT: 11.044 min Scan# 31

Delta R.T. -0.000 min

Lab File: VN070905.D

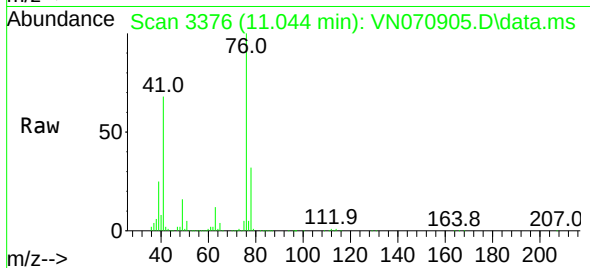
Acq: 2 Feb 2022 21:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



Tgt Ion: 76 Resp: 812945

Ion Ratio Lower Upper

76 100

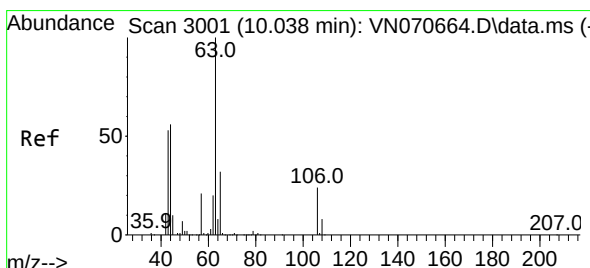
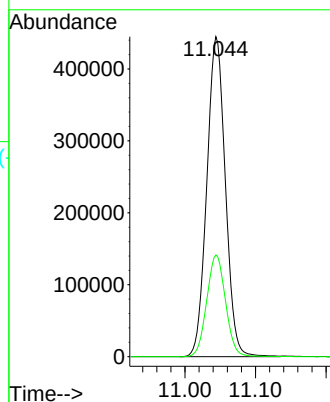
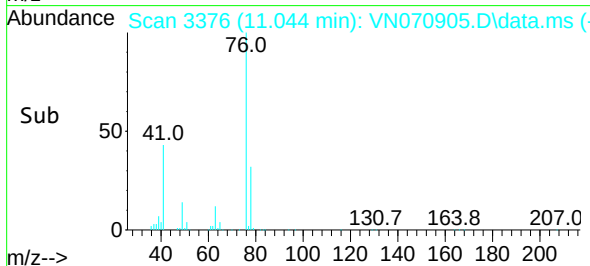
78 32.2 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/03/2022

Supervised By :Mahesh Dadoda 02/04/2022



#58

2-Chloroethyl Vinyl ether

Concen: 237.701 ug/l

RT: 10.041 min Scan# 3002

Delta R.T. -0.000 min

Lab File: VN070905.D

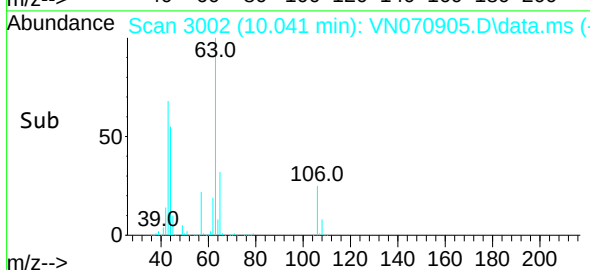
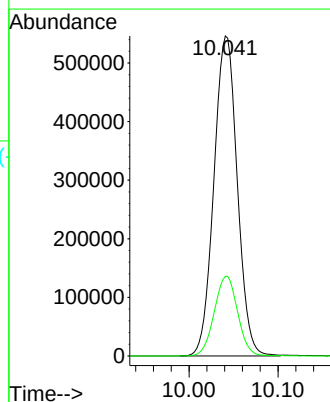
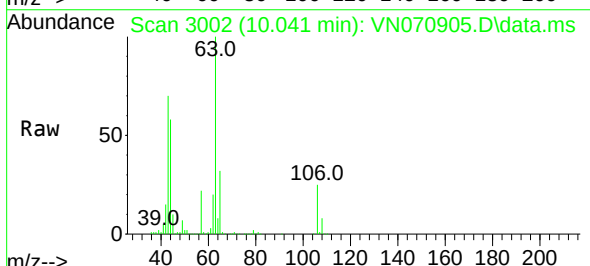
Acq: 2 Feb 2022 21:07

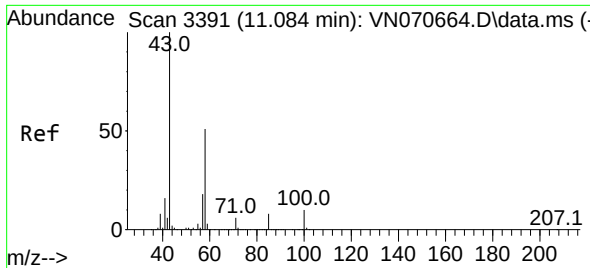
Tgt Ion: 63 Resp: 995405

Ion Ratio Lower Upper

63 100

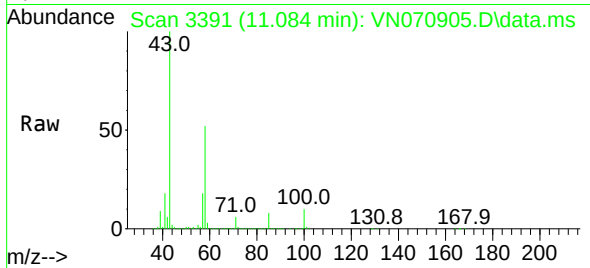
106 24.9 23.9 35.9





#59
2-Hexanone
Concen: 278.014 ug/l
RT: 11.084 min Scan# 3391
Delta R.T. -0.000 min
Lab File: VN070905.D
Acq: 2 Feb 2022 21:07

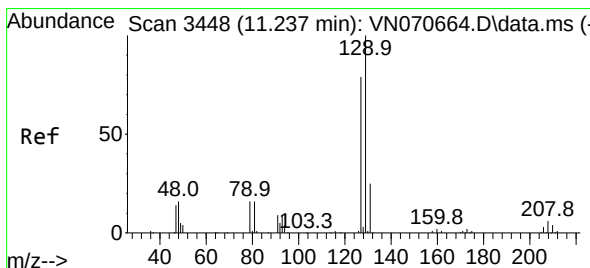
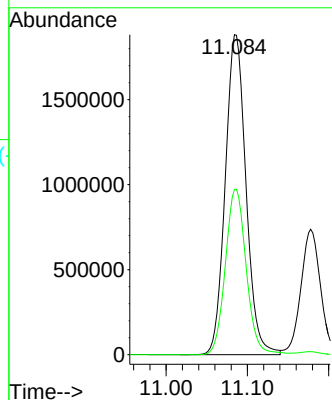
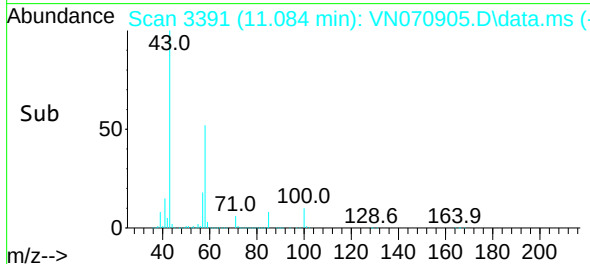
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



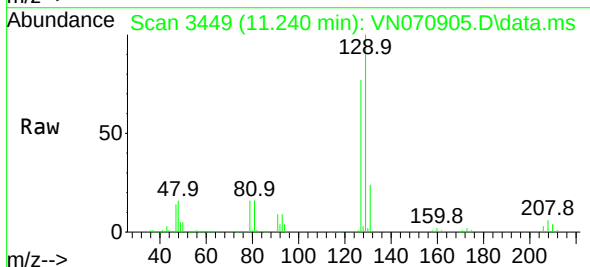
Tgt Ion: 43 Resp: 333940
Ion Ratio Lower Upper
43 100
58 52.0 26.9 80.7

Manual Integrations
APPROVED

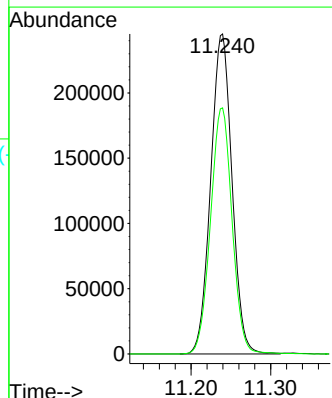
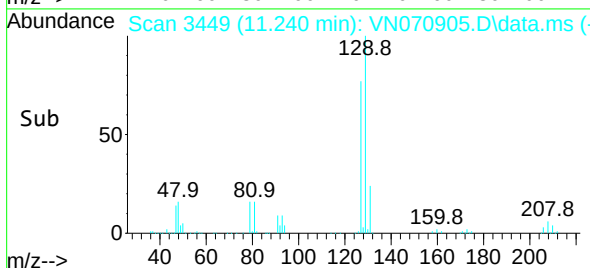
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022

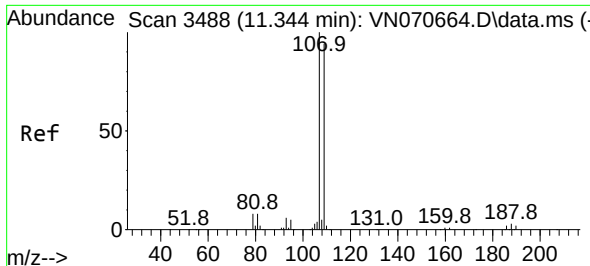


#60
Dibromochloromethane
Concen: 51.634 ug/l
RT: 11.240 min Scan# 3449
Delta R.T. 0.002 min
Lab File: VN070905.D
Acq: 2 Feb 2022 21:07



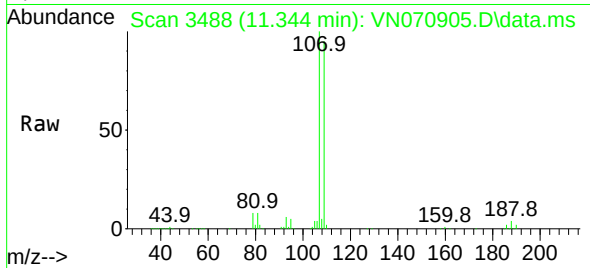
Tgt Ion:129 Resp: 456739
Ion Ratio Lower Upper
129 100
127 77.9 38.6 116.0





#61
1,2-Dibromoethane
Concen: 51.459 ug/l
RT: 11.344 min Scan# 3488
Delta R.T. 0.000 min
Lab File: VN070905.D
Acq: 2 Feb 2022 21:07

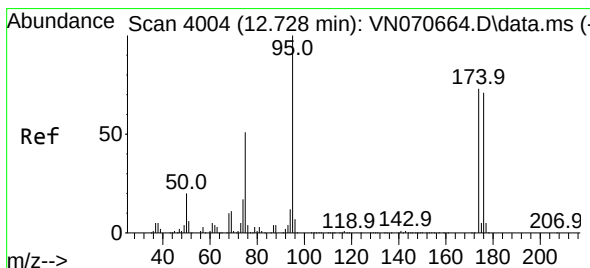
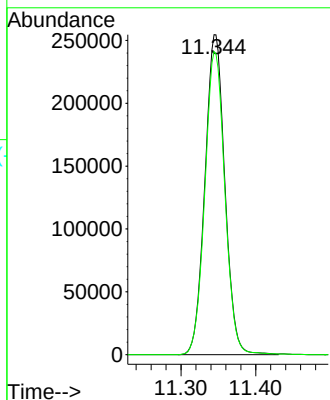
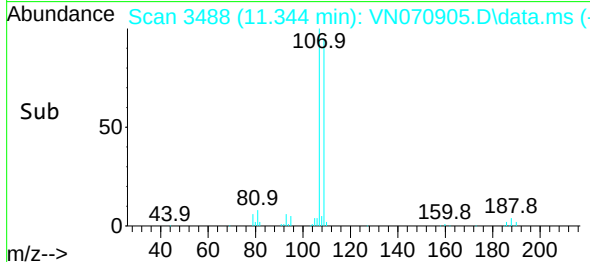
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



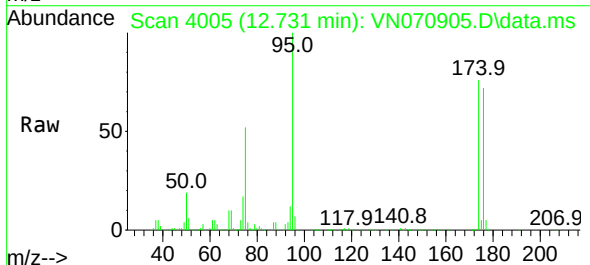
Tgt Ion:107 Resp: 47200
Ion Ratio Lower Upper
107 100
109 95.5 75.7 113.5

Manual Integrations
APPROVED

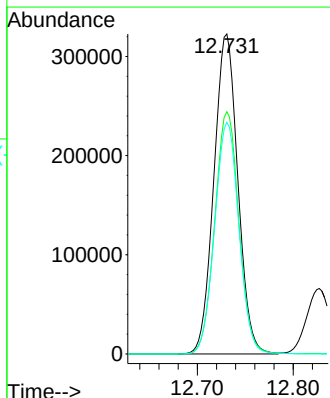
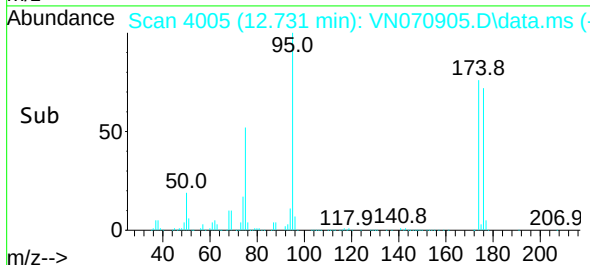
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022

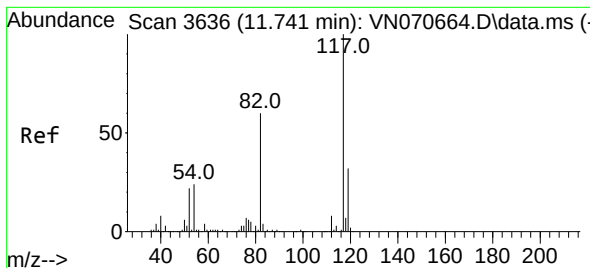


#62
4-Bromofluorobenzene
Concen: 50.925 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070905.D
Acq: 2 Feb 2022 21:07



Tgt Ion: 95 Resp: 559463
Ion Ratio Lower Upper
95 100
174 76.4 0.0 187.2
176 73.3 0.0 181.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.744 min Scan# 3636

Delta R.T. -0.000 min

Lab File: VN070905.D

Acq: 2 Feb 2022 21:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:117 Resp: 114657

Ion Ratio Lower Upper

117 100

82 59.2 42.4 63.6

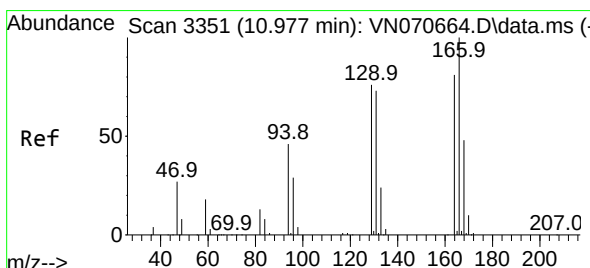
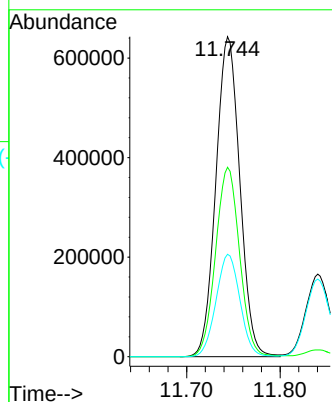
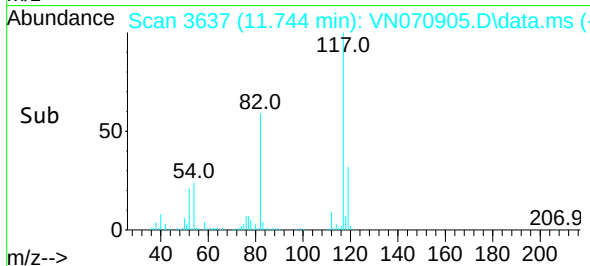
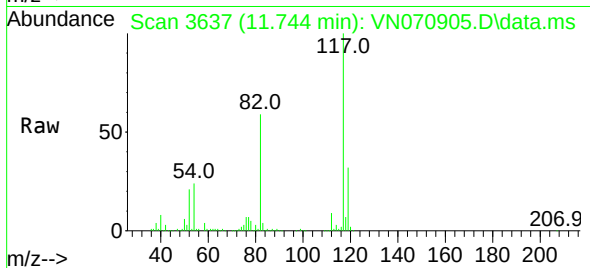
119 32.0 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/03/2022

Supervised By :Mahesh Dadoda 02/04/2022



#64

Tetrachloroethene

Concen: 50.141 ug/l

RT: 10.977 min Scan# 3351

Delta R.T. -0.000 min

Lab File: VN070905.D

Acq: 2 Feb 2022 21:07

Tgt Ion:164 Resp: 376285

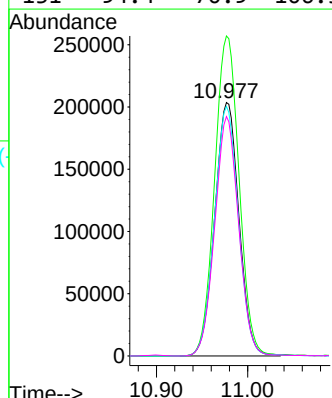
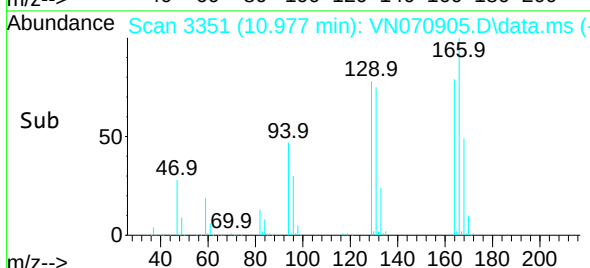
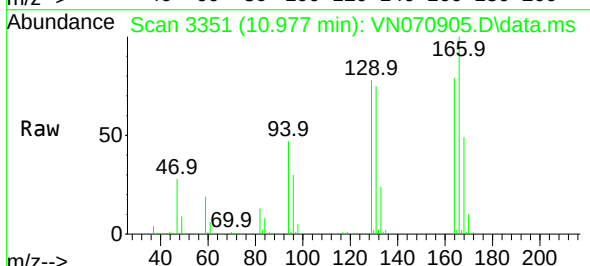
Ion Ratio Lower Upper

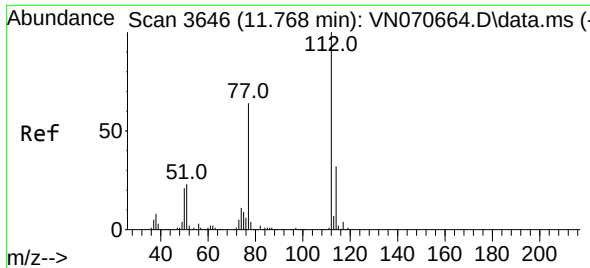
164 100

166 126.2 101.9 152.9

129 98.5 72.0 108.0

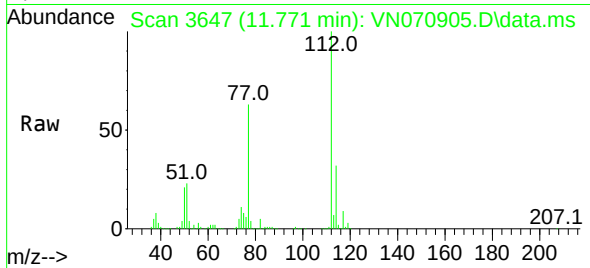
131 94.4 70.9 106.3





#65
Chlorobenzene
Concen: 50.010 ug/l
RT: 11.771 min Scan# 3647
Delta R.T. 0.003 min
Lab File: VN070905.D
Acq: 2 Feb 2022 21:07

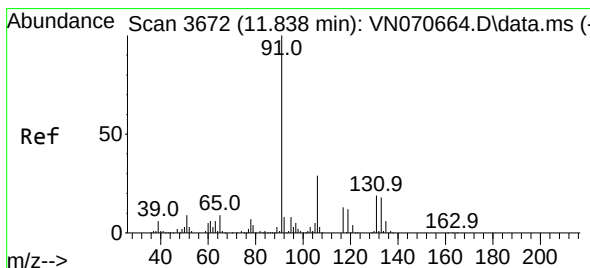
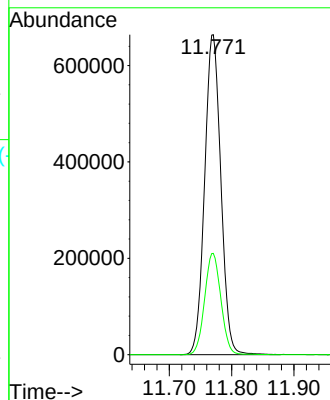
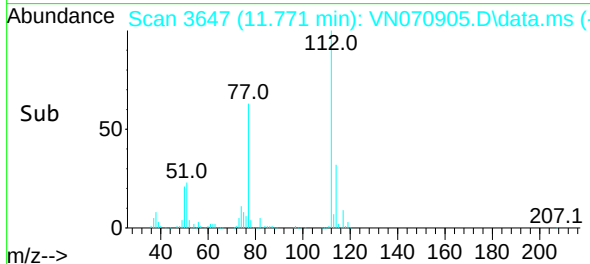
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:112 Resp: 120008
Ion Ratio Lower Upper
112 100
114 31.6 25.4 38.0

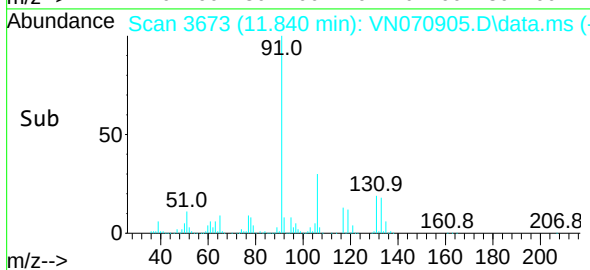
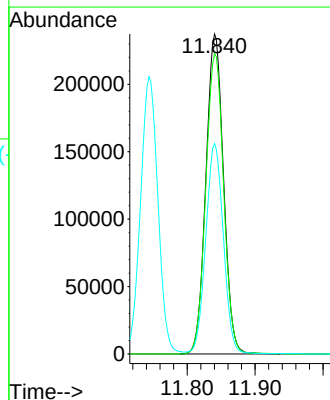
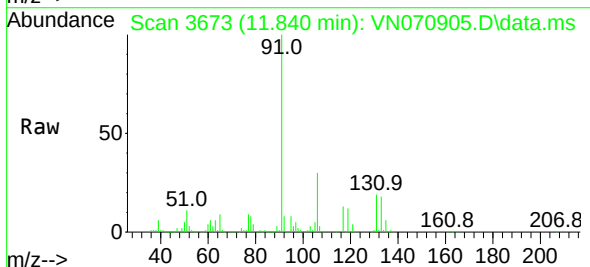
Manual Integrations
APPROVED

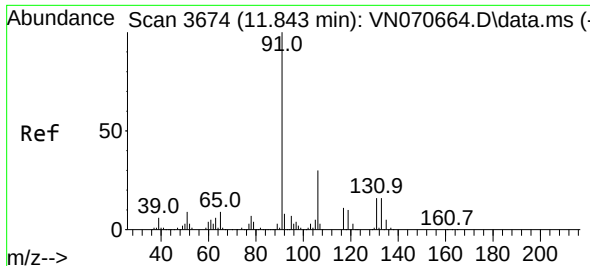
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 51.052 ug/l
RT: 11.840 min Scan# 3673
Delta R.T. -0.001 min
Lab File: VN070905.D
Acq: 2 Feb 2022 21:07

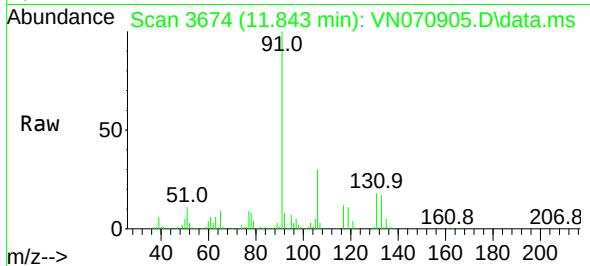
Tgt Ion:131 Resp: 427587
Ion Ratio Lower Upper
131 100
133 95.0 47.9 143.7
119 65.4 32.1 96.5





#67
Ethyl Benzene
Concen: 52.048 ug/l
RT: 11.843 min Scan# 30
Delta R.T. -0.000 min
Lab File: VN070905.D
Acq: 2 Feb 2022 21:07

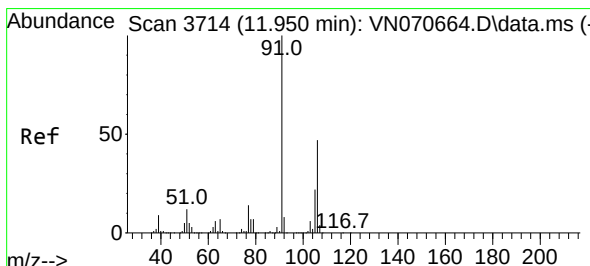
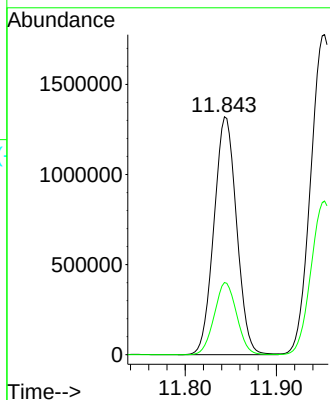
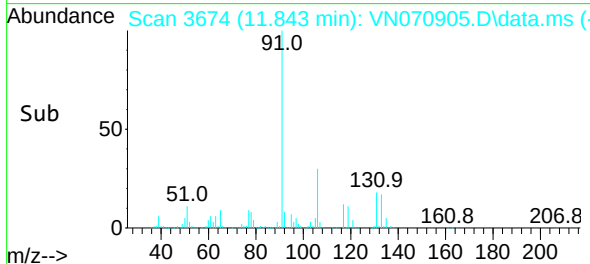
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 2276854
Ion Ratio Lower Upper
91 100
106 30.3 25.7 38.5

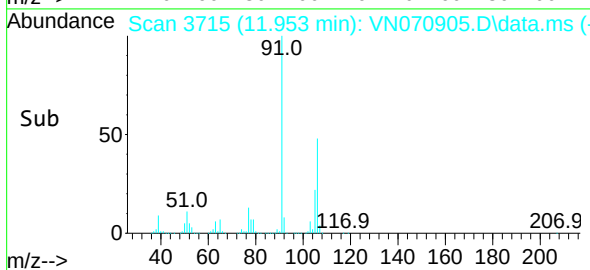
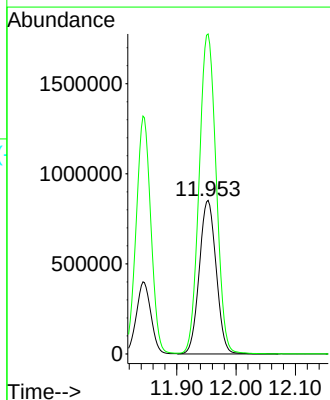
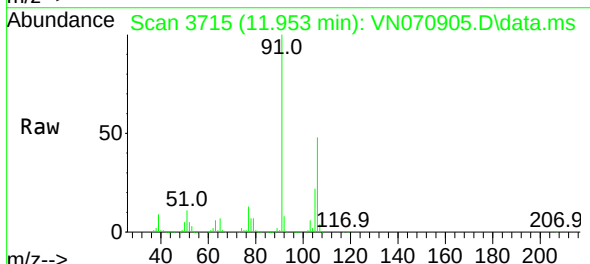
Manual Integrations
APPROVED

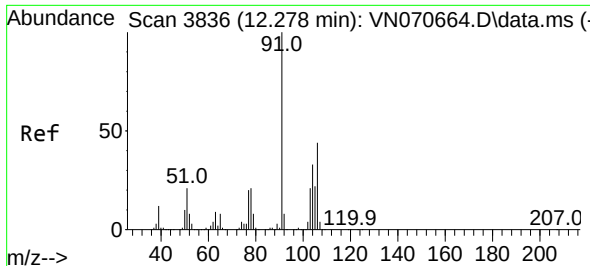
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022



#68
m/p-Xylenes
Concen: 103.522 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. -0.000 min
Lab File: VN070905.D
Acq: 2 Feb 2022 21:07

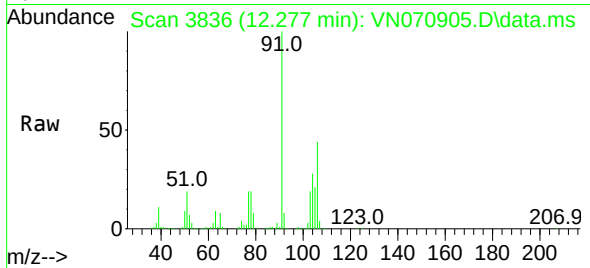
Tgt Ion:106 Resp: 1677944
Ion Ratio Lower Upper
106 100
91 211.4 160.6 240.8





#69
o-Xylene
Concen: 51.189 ug/l
RT: 12.277 min Scan# 3836
Delta R.T. -0.003 min
Lab File: VN070905.D
Acq: 2 Feb 2022 21:07

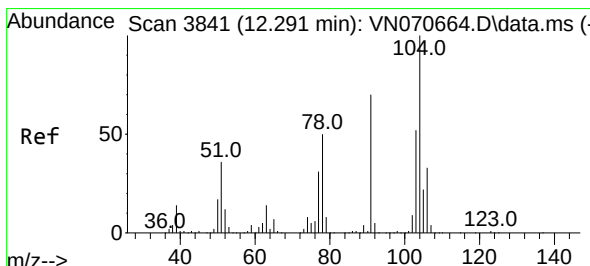
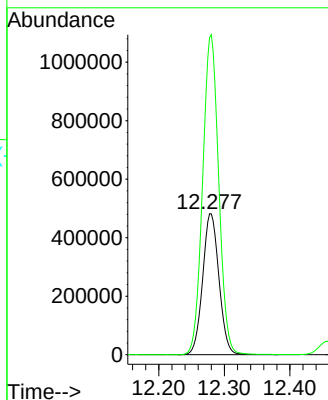
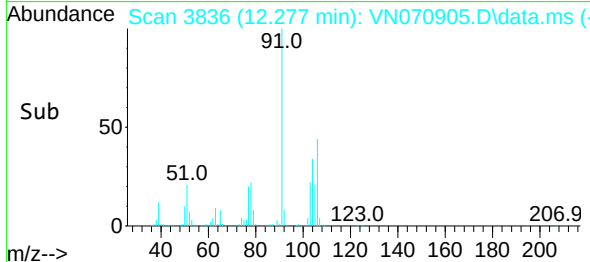
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:106 Resp: 830385
Ion Ratio Lower Upper
106 100
91 224.3 105.8 317.3

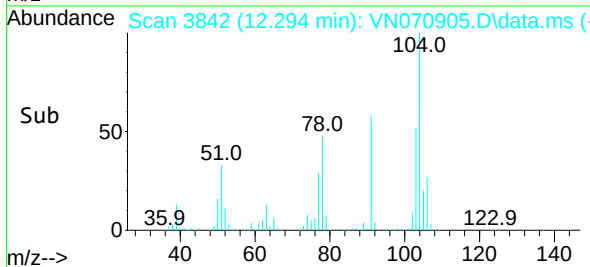
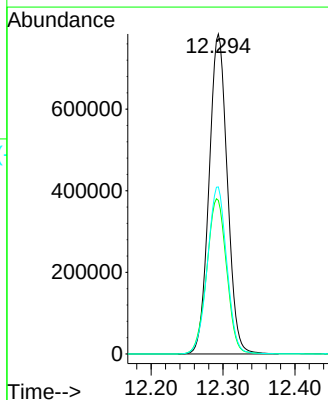
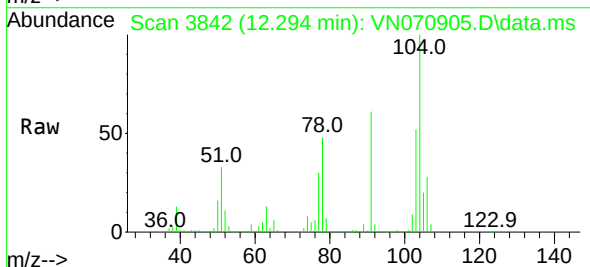
Manual Integrations
APPROVED

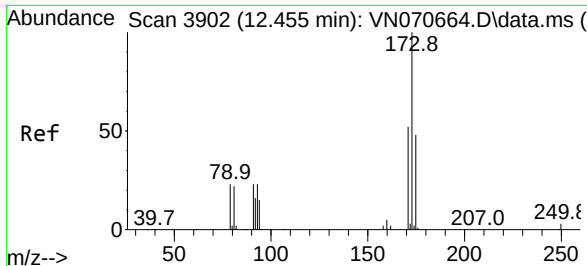
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022



#70
Styrene
Concen: 54.223 ug/l
RT: 12.294 min Scan# 3842
Delta R.T. -0.000 min
Lab File: VN070905.D
Acq: 2 Feb 2022 21:07

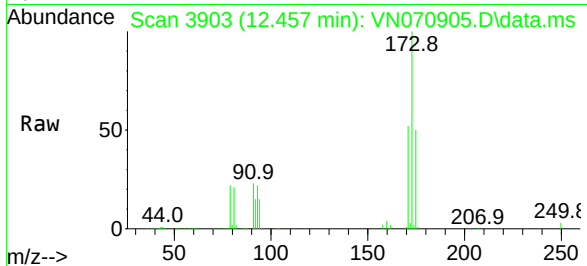
Tgt Ion:104 Resp: 1386301
Ion Ratio Lower Upper
104 100
78 52.7 38.7 58.1
103 55.5 45.0 67.6





#71
Bromoform
Concen: 51.238 ug/l
RT: 12.457 min Scan# 3902
Delta R.T. 0.000 min
Lab File: VN070905.D
Acq: 2 Feb 2022 21:07

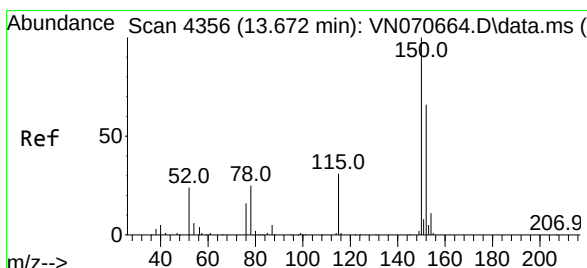
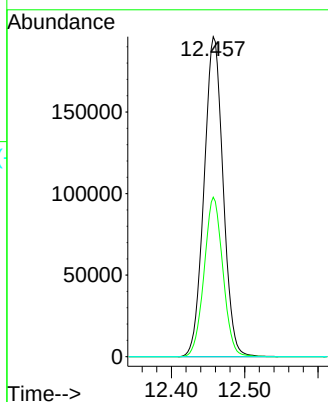
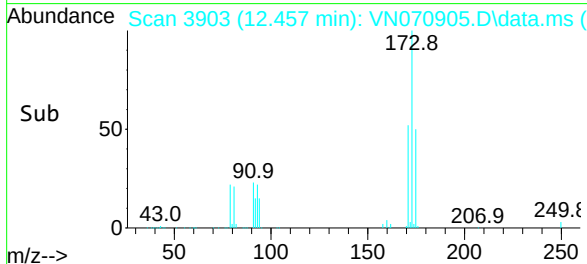
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



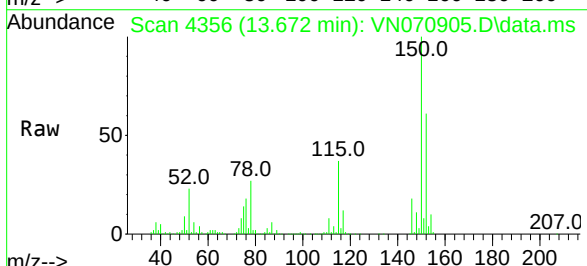
Tgt Ion:173 Resp: 354338
Ion Ratio Lower Upper
173 100
175 49.0 24.2 72.6
254 0.0 0.0 0.0

Manual Integrations
APPROVED

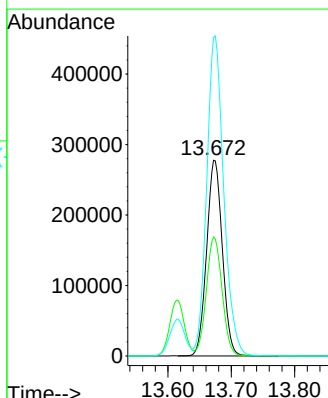
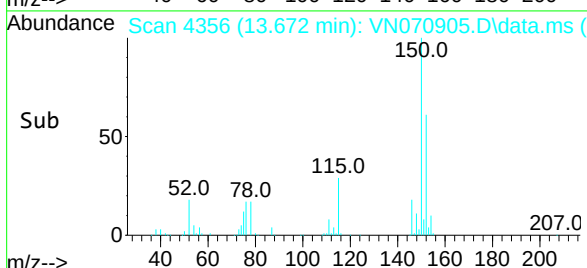
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022

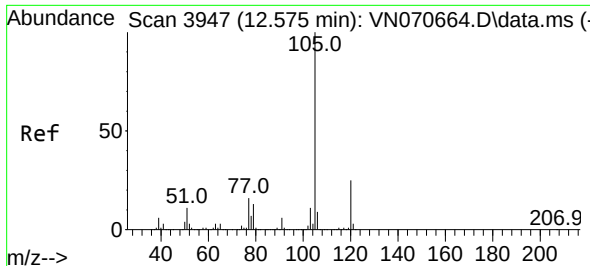


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.672 min Scan# 4356
Delta R.T. 0.000 min
Lab File: VN070905.D
Acq: 2 Feb 2022 21:07



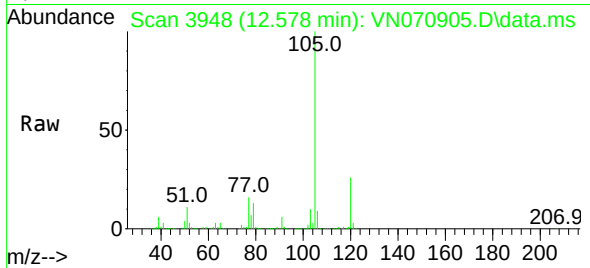
Tgt Ion:152 Resp: 478395
Ion Ratio Lower Upper
152 100
115 60.8 27.5 82.5
150 176.5 0.0 344.4





#73
Isopropylbenzene
Concen: 52.145 ug/l
RT: 12.578 min Scan# 3947
Delta R.T. -0.000 min
Lab File: VN070905.D
Acq: 2 Feb 2022 21:07

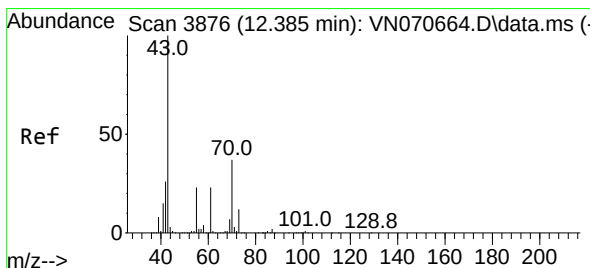
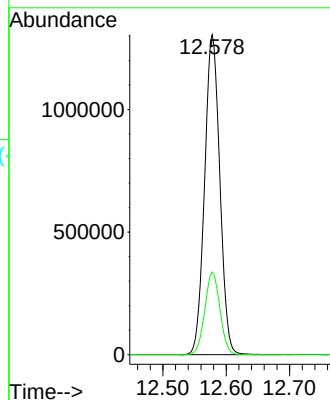
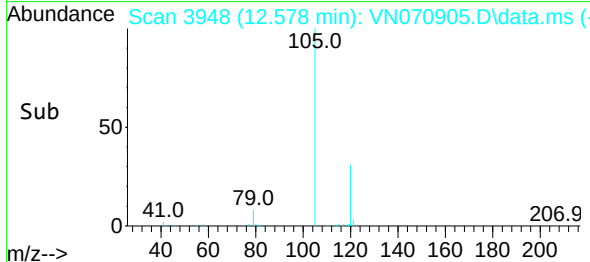
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:105 Resp: 2176530
Ion Ratio Lower Upper
105 100
120 25.6 13.4 40.1

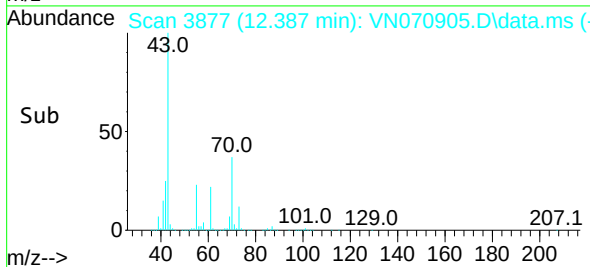
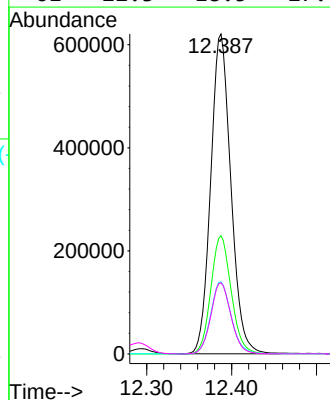
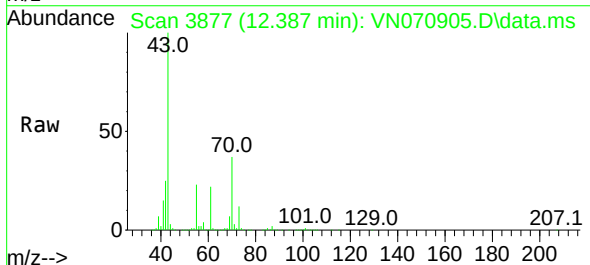
Manual Integrations
APPROVED

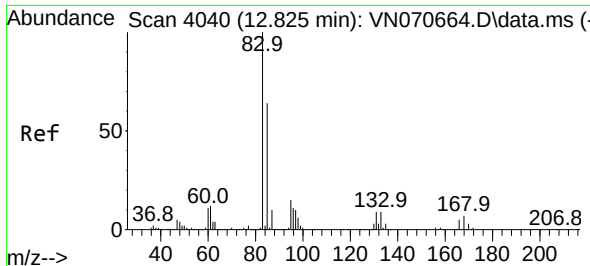
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022



#74
N-amy1 acetate
Concen: 54.704 ug/l
RT: 12.387 min Scan# 3877
Delta R.T. -0.001 min
Lab File: VN070905.D
Acq: 2 Feb 2022 21:07

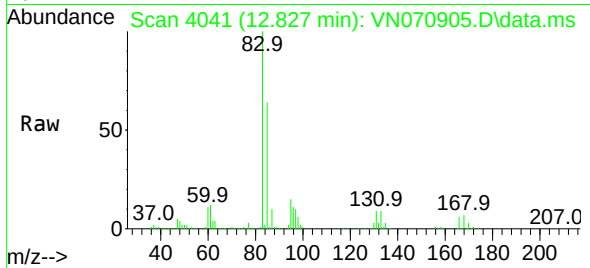
Tgt Ion: 43 Resp: 1022615
Ion Ratio Lower Upper
43 100
70 37.4 33.4 50.0
55 22.9 19.3 28.9
61 22.3 18.5 27.7





#75
1,1,2,2-Tetrachloroethane
Concen: 51.731 ug/l
RT: 12.827 min Scan# 4040
Delta R.T. 0.002 min
Lab File: VN070905.D
Acq: 2 Feb 2022 21:07

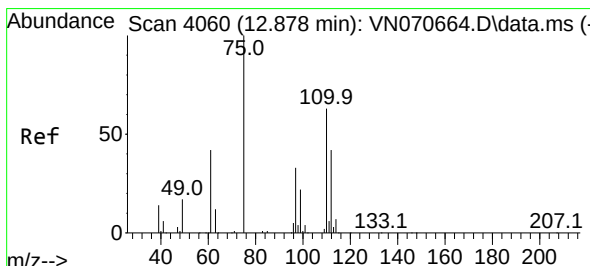
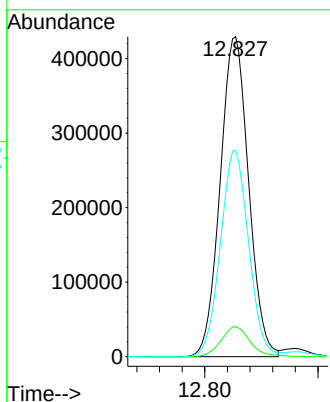
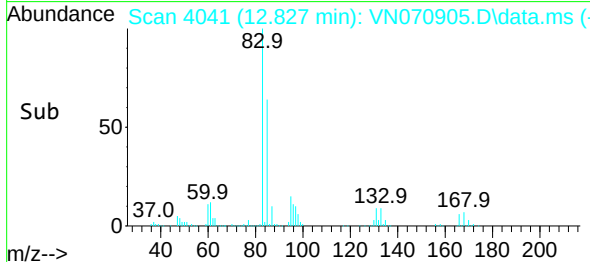
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 747910
Ion Ratio Lower Upper
83 100
131 9.6 5.5 16.5
85 64.0 32.4 97.2

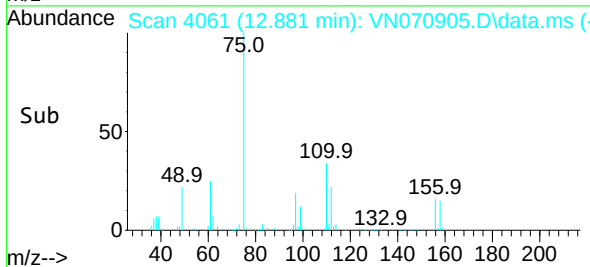
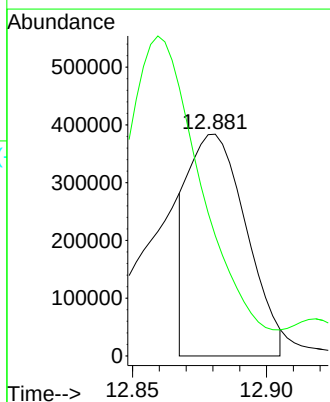
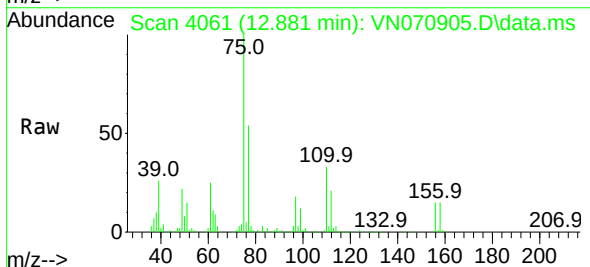
Manual Integrations
APPROVED

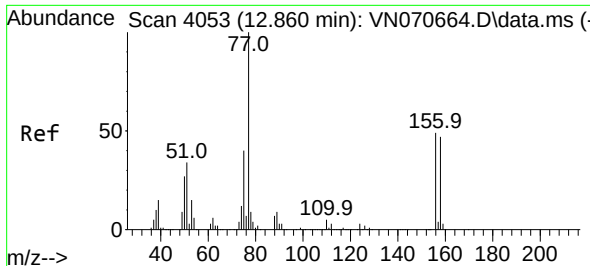
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022



#76
1,2,3-Trichloropropane
Concen: 49.724 ug/l m
RT: 12.881 min Scan# 4061
Delta R.T. 0.003 min
Lab File: VN070905.D
Acq: 2 Feb 2022 21:07

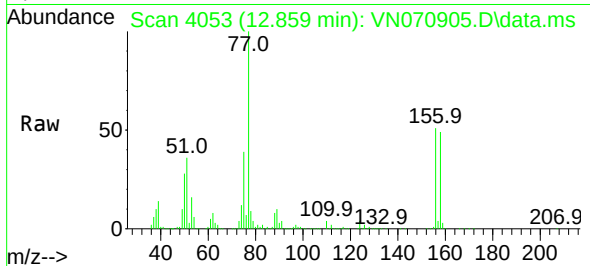
Tgt Ion: 75 Resp: 572563
Ion Ratio Lower Upper
75 100
77 0.0 82.6 247.8#





#77
Bromobenzene
Concen: 50.207 ug/l
RT: 12.859 min Scan# 4053
Delta R.T. -0.001 min
Lab File: VN070905.D
Acq: 2 Feb 2022 21:07

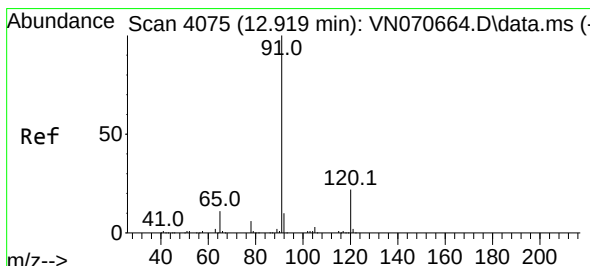
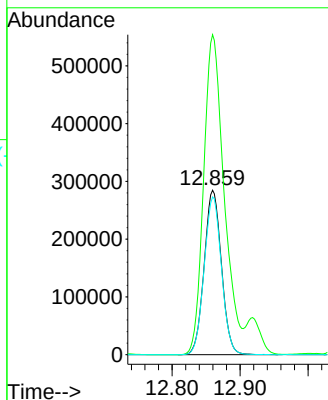
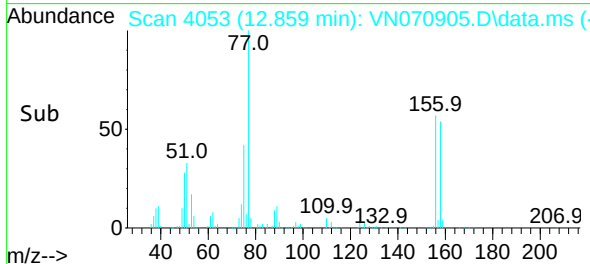
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



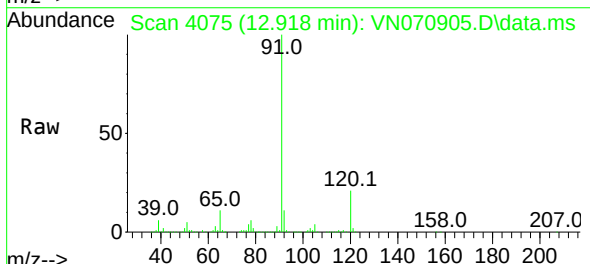
Tgt Ion:156 Resp: 50238
Ion Ratio Lower Upper
156 100
77 230.6 90.6 271.8
158 96.2 48.9 146.7

Manual Integrations
APPROVED

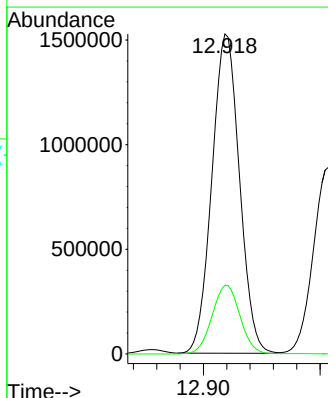
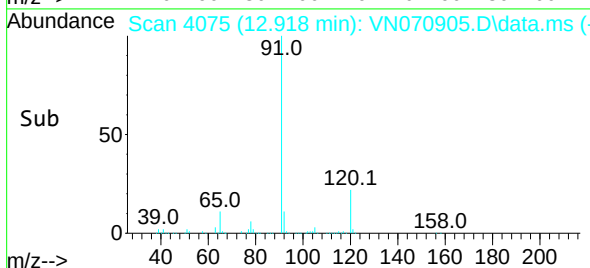
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022

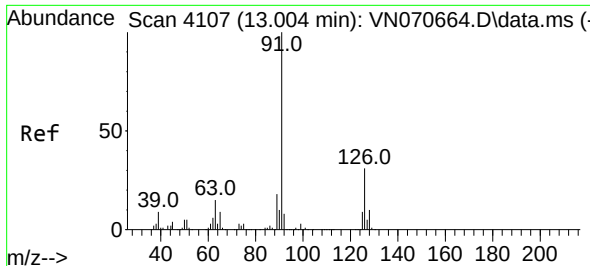


#78
n-propylbenzene
Concen: 52.535 ug/l
RT: 12.918 min Scan# 4075
Delta R.T. -0.001 min
Lab File: VN070905.D
Acq: 2 Feb 2022 21:07



Tgt Ion: 91 Resp: 2500731
Ion Ratio Lower Upper
91 100
120 21.8 11.9 35.9





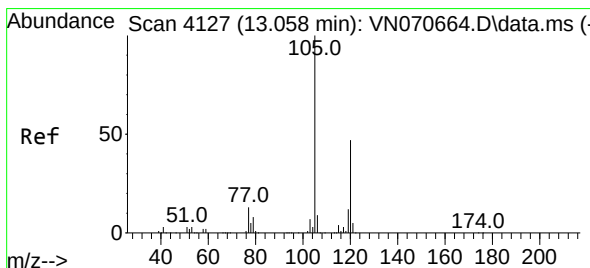
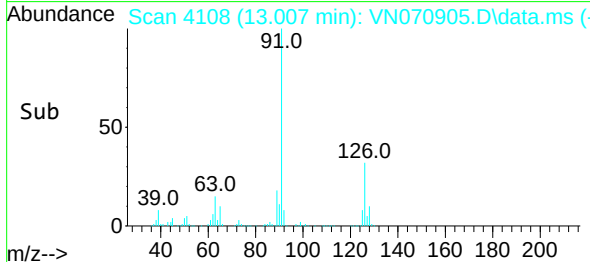
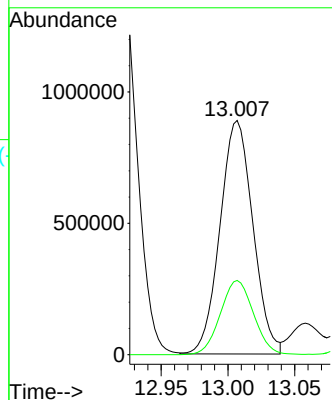
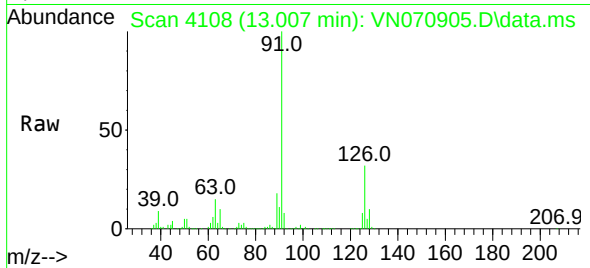
#79
2-Chlorotoluene
Concen: 51.582 ug/l
RT: 13.007 min Scan# 4107
Delta R.T. -0.000 min
Lab File: VN070905.D
Acq: 2 Feb 2022 21:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 152677
Ion Ratio Lower Upper
91 100
126 32.0 18.3 54.8

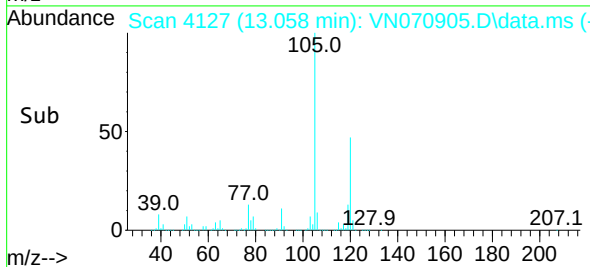
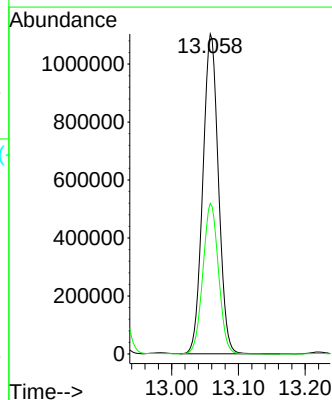
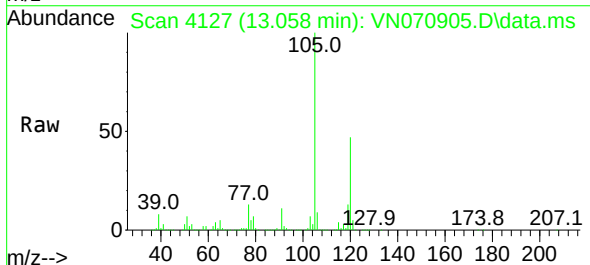
Manual Integrations
APPROVED

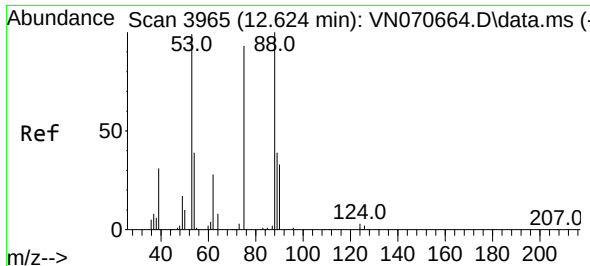
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022



#80
1,3,5-Trimethylbenzene
Concen: 53.017 ug/l
RT: 13.058 min Scan# 4127
Delta R.T. -0.000 min
Lab File: VN070905.D
Acq: 2 Feb 2022 21:07

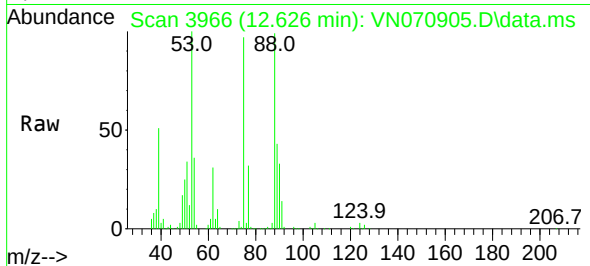
Tgt Ion:105 Resp: 1793846
Ion Ratio Lower Upper
105 100
120 47.0 24.6 73.6





#81
trans-1,4-Dichloro-2-butene
Concen: 54.042 ug/l
RT: 12.626 min Scan# 3965
Delta R.T. 0.002 min
Lab File: VN070905.D
Acq: 2 Feb 2022 21:07

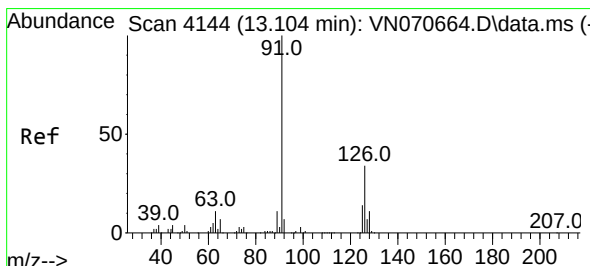
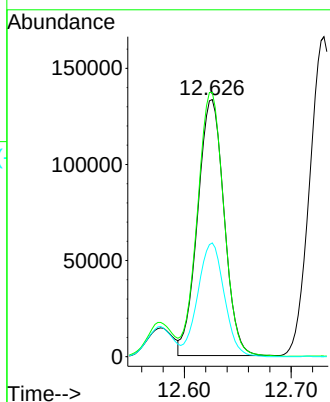
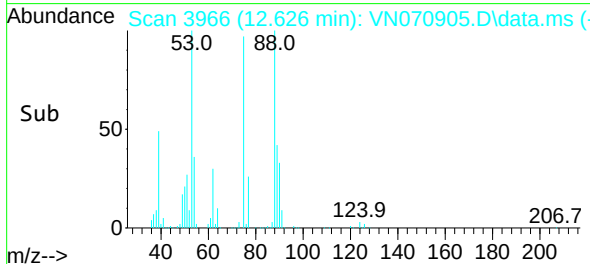
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 22957
Ion Ratio Lower Upper
75 100
53 103.5 90.5 135.7
89 44.4 38.2 57.4

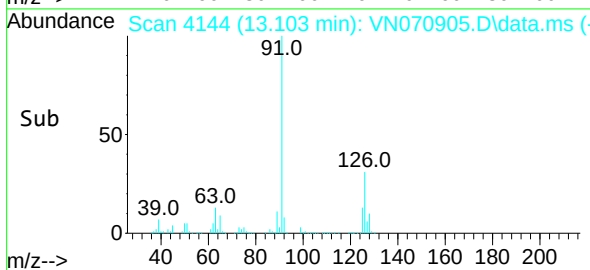
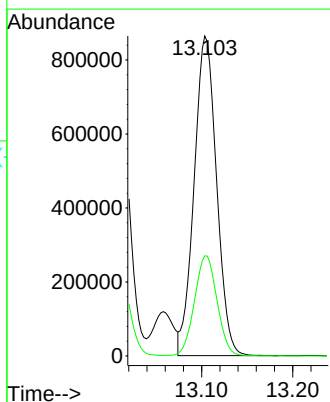
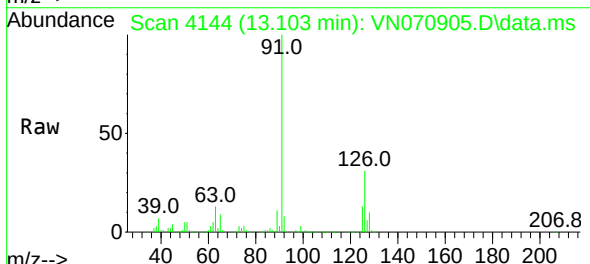
Manual Integrations
APPROVED

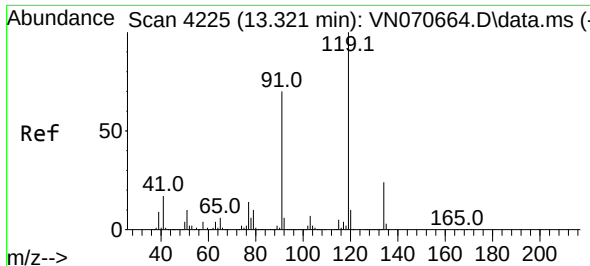
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022



#82
4-Chlorotoluene
Concen: 51.787 ug/l
RT: 13.103 min Scan# 4144
Delta R.T. -0.001 min
Lab File: VN070905.D
Acq: 2 Feb 2022 21:07

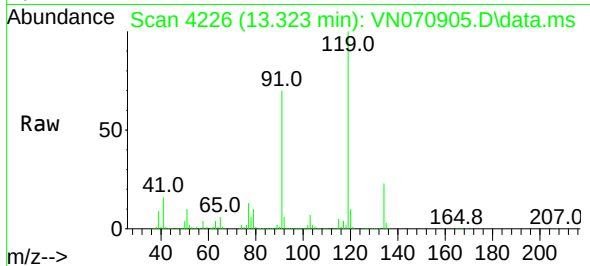
Tgt Ion: 91 Resp: 1477333
Ion Ratio Lower Upper
91 100
126 31.6 18.2 54.6





#83
tert-Butylbenzene
Concen: 52.183 ug/l
RT: 13.323 min Scan# 41
Delta R.T. 0.002 min
Lab File: VN070905.D
Acq: 2 Feb 2022 21:07

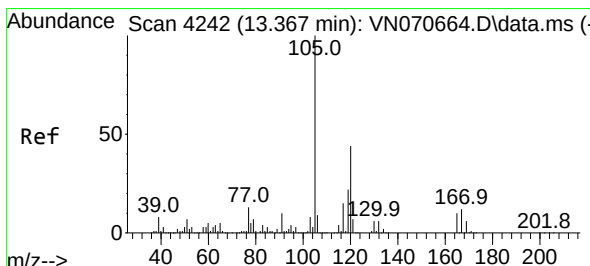
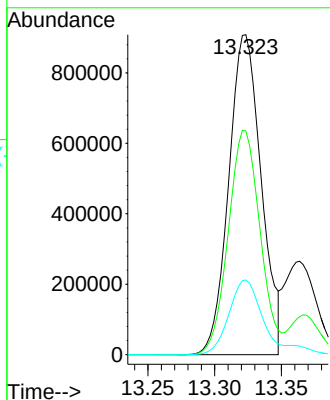
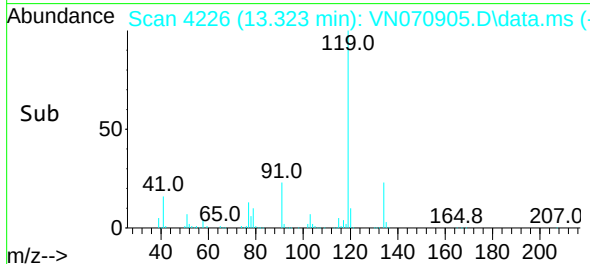
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:119 Resp: 153984
Ion Ratio Lower Upper
119 100
91 68.9 31.5 94.5
134 25.6 12.4 37.4

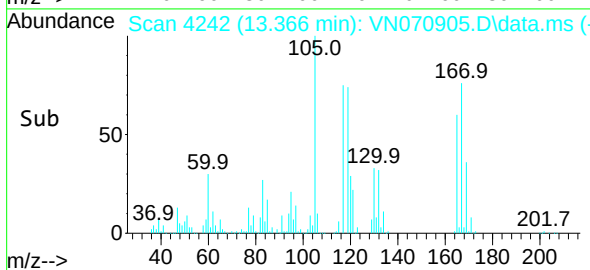
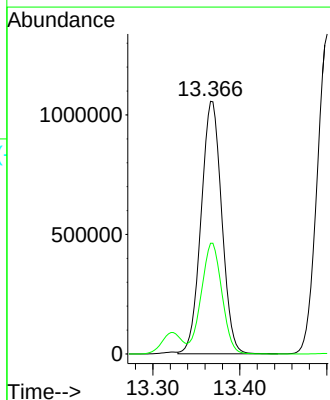
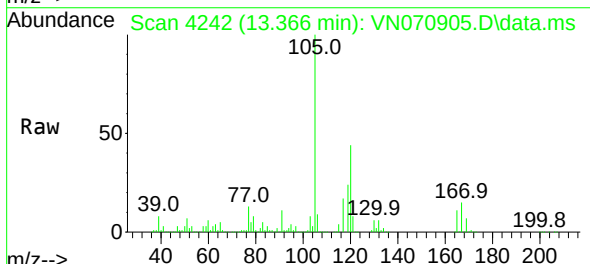
Manual Integrations
APPROVED

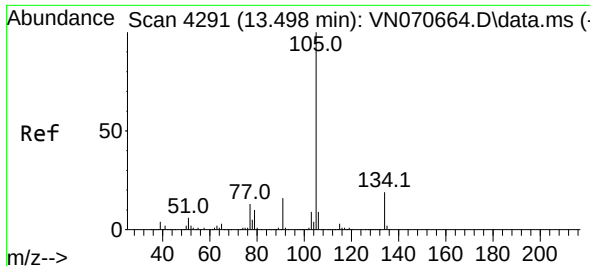
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022



#84
1,2,4-Trimethylbenzene
Concen: 52.644 ug/l
RT: 13.366 min Scan# 4242
Delta R.T. -0.001 min
Lab File: VN070905.D
Acq: 2 Feb 2022 21:07

Tgt Ion:105 Resp: 1741887
Ion Ratio Lower Upper
105 100
120 43.9 22.8 68.4





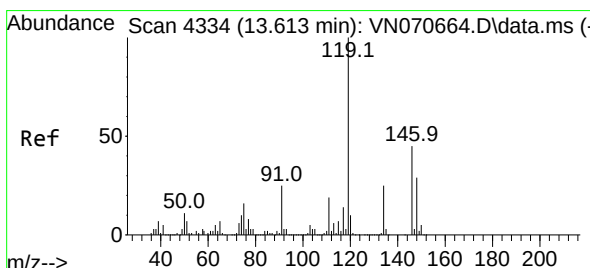
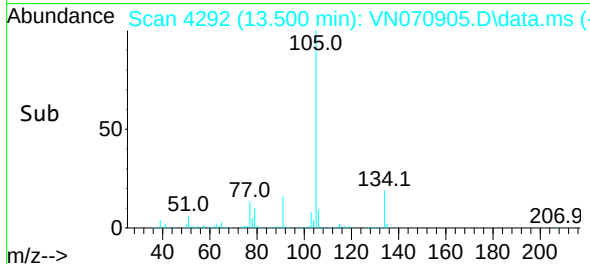
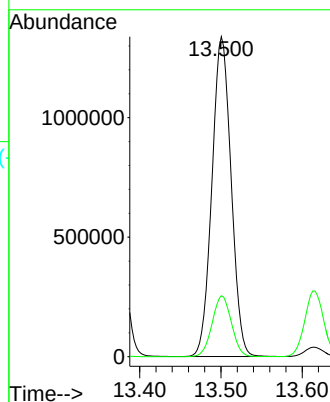
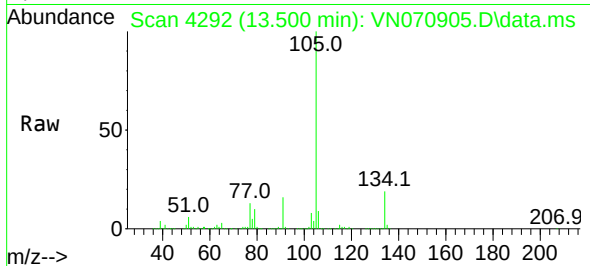
#85
 sec-Butylbenzene
 Concen: 53.101 ug/l
 RT: 13.500 min Scan# 4291
 Delta R.T. -0.001 min
 Lab File: VN070905.D
 Acq: 2 Feb 2022 21:07

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 219228
 Ion Ratio Lower Upper
 105 100
 134 19.1 10.4 31.1

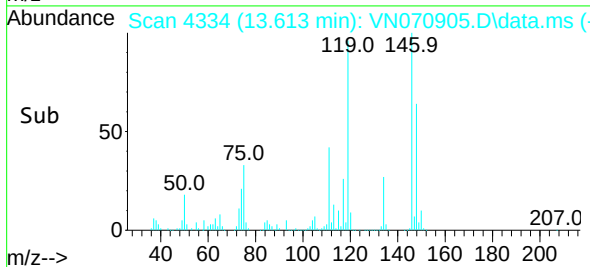
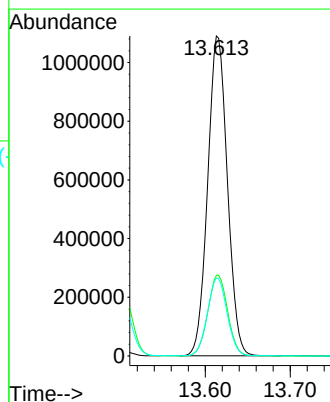
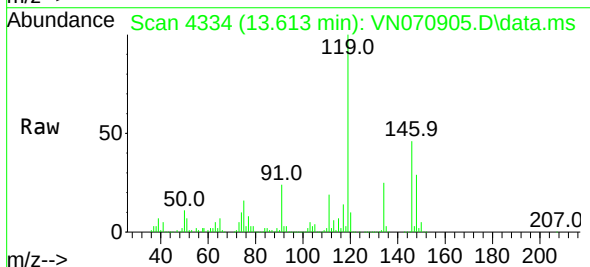
Manual Integrations
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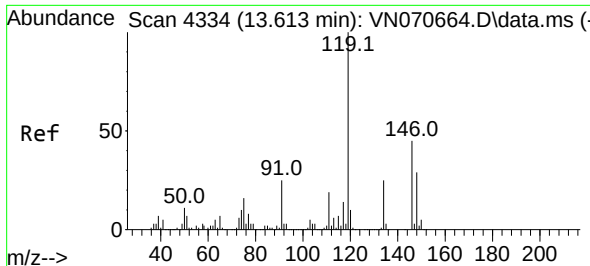
Reviewed By :John Carlone 02/03/2022
 Supervised By :Mahesh Dadoda 02/04/2022



#86
 p-Isopropyltoluene
 Concen: 53.834 ug/l
 RT: 13.613 min Scan# 4334
 Delta R.T. 0.000 min
 Lab File: VN070905.D
 Acq: 2 Feb 2022 21:07

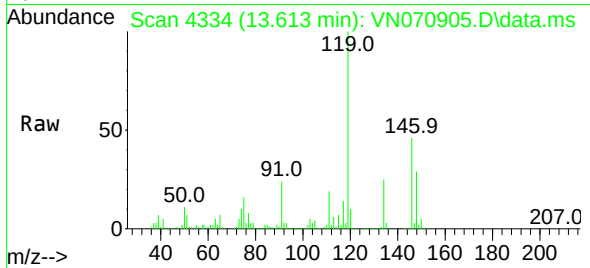
Tgt Ion:119 Resp: 1752633
 Ion Ratio Lower Upper
 119 100
 134 25.4 13.6 40.7
 91 24.3 11.4 34.1





#87
1,3-Dichlorobenzene
Concen: 50.938 ug/l
RT: 13.613 min Scan# 4334
Delta R.T. 0.000 min
Lab File: VN070905.D
Acq: 2 Feb 2022 21:07

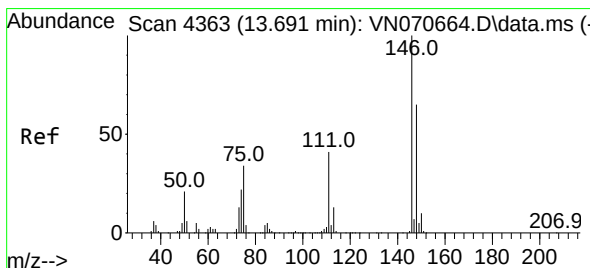
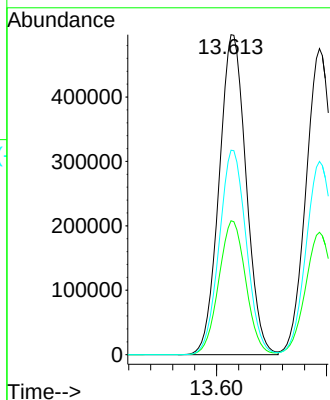
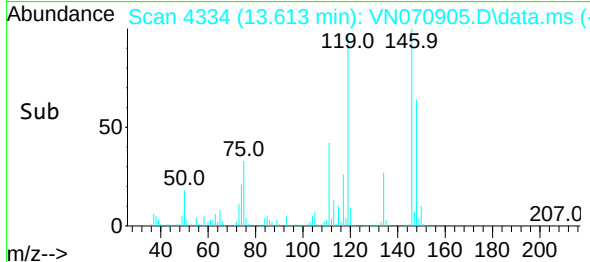
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



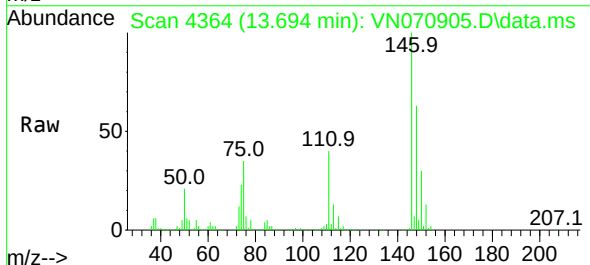
Tgt Ion:146 Resp: 84784
Ion Ratio Lower Upper
146 100
111 41.8 18.6 55.6
148 64.2 31.6 95.0

Manual Integrations
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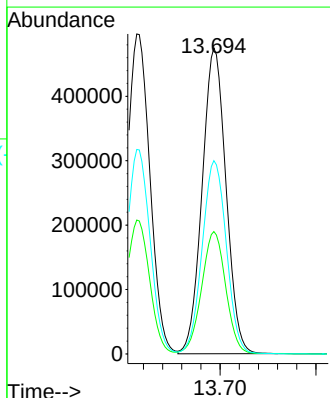
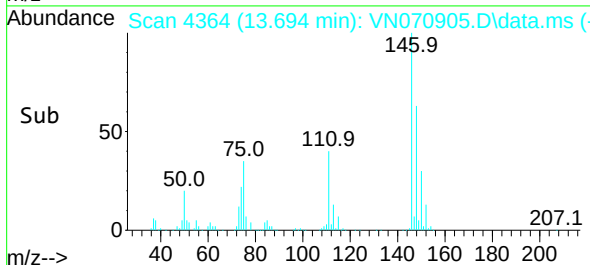
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022

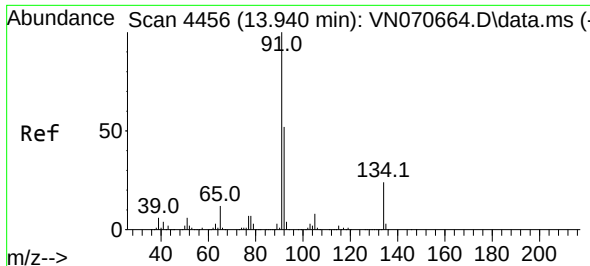


#88
1,4-Dichlorobenzene
Concen: 49.348 ug/l
RT: 13.694 min Scan# 4364
Delta R.T. -0.001 min
Lab File: VN070905.D
Acq: 2 Feb 2022 21:07



Tgt Ion:146 Resp: 821625
Ion Ratio Lower Upper
146 100
111 40.1 18.3 54.8
148 64.3 31.8 95.4





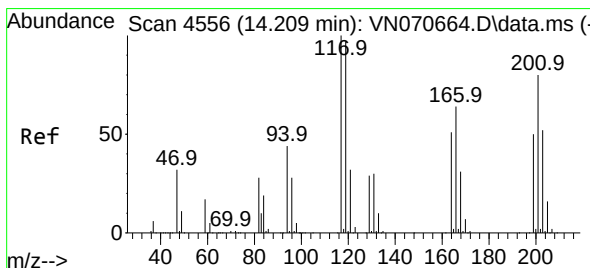
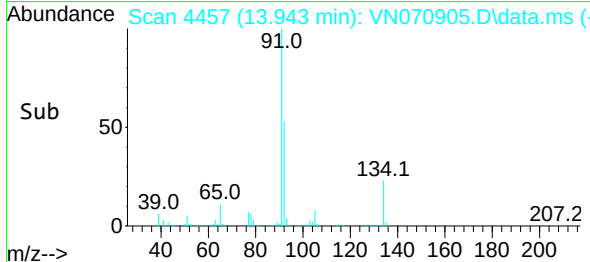
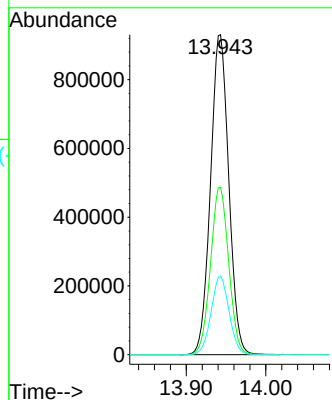
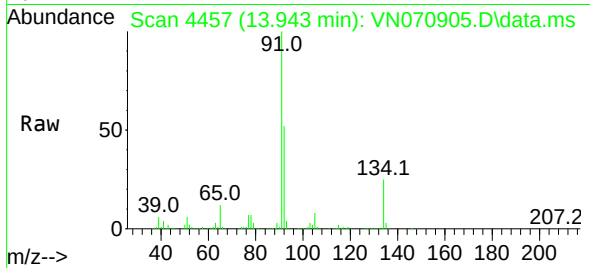
#89
n-Butylbenzene
Concen: 51.627 ug/l
RT: 13.943 min Scan# 4456
Delta R.T. 0.002 min
Lab File: VN070905.D
Acq: 2 Feb 2022 21:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 148124
Ion Ratio Lower Upper
91 100
92 52.2 25.4 76.0
134 24.3 13.6 40.8

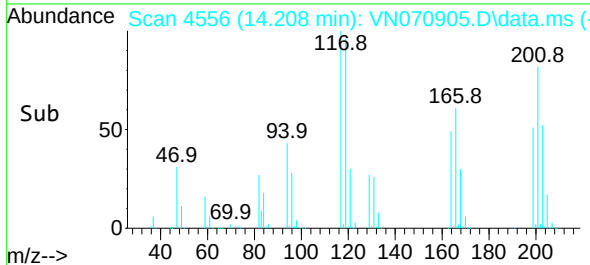
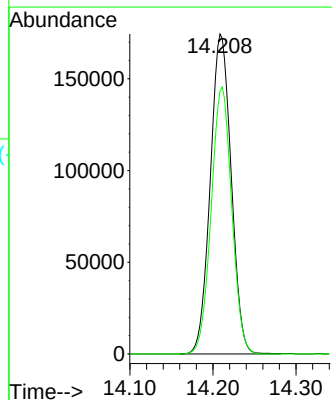
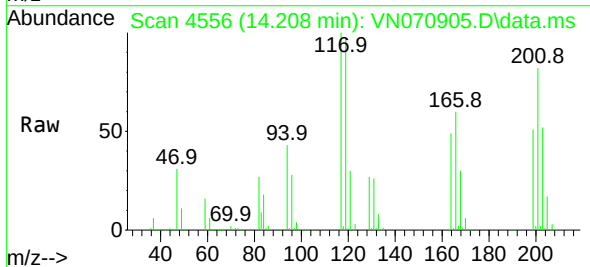
Manual Integrations
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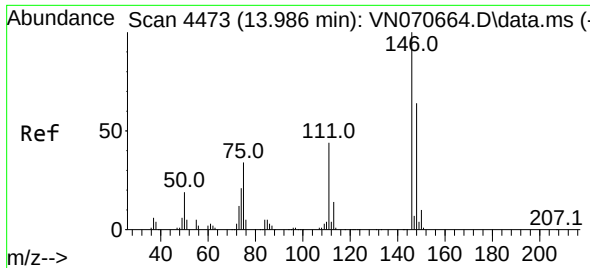
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022



#90
Hexachloroethane
Concen: 52.785 ug/l
RT: 14.208 min Scan# 4556
Delta R.T. -0.001 min
Lab File: VN070905.D
Acq: 2 Feb 2022 21:07

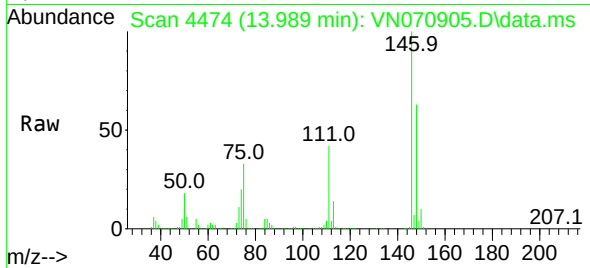
Tgt Ion:117 Resp: 304556
Ion Ratio Lower Upper
117 100
201 82.1 43.9 131.6





#91
1,2-Dichlorobenzene
Concen: 50.582 ug/l
RT: 13.989 min Scan# 4473
Delta R.T. 0.003 min
Lab File: VN070905.D
Acq: 2 Feb 2022 21:07

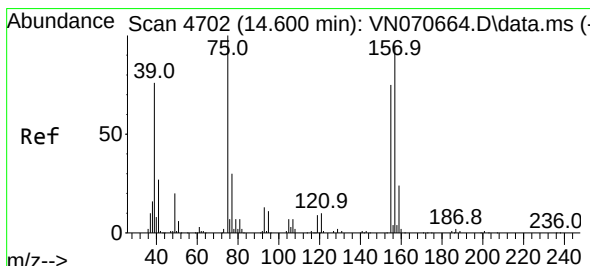
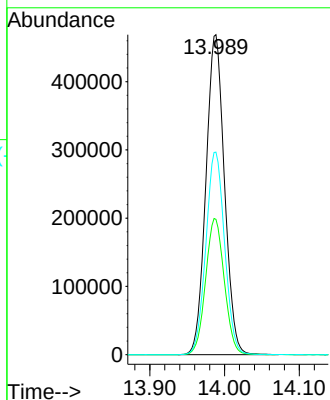
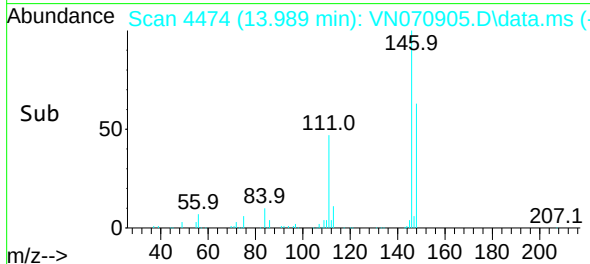
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



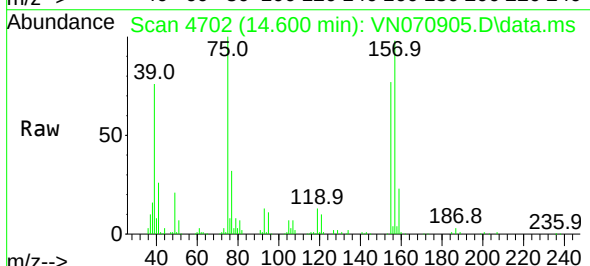
Tgt Ion:146 Resp: 807684
Ion Ratio Lower Upper
146 100
111 42.9 19.1 57.3
148 64.1 32.1 96.3

Manual Integrations
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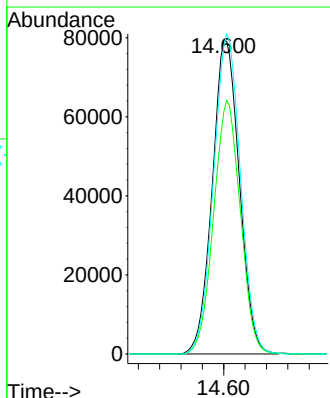
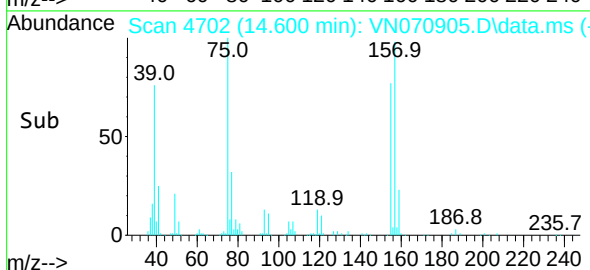
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022

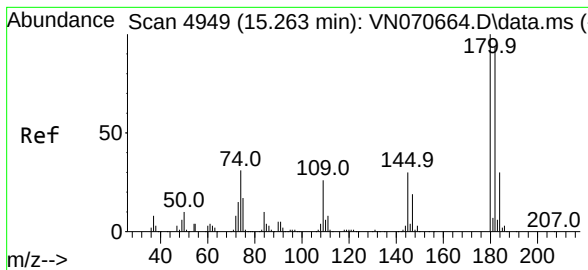


#92
1,2-Dibromo-3-Chloropropane
Concen: 53.404 ug/l
RT: 14.600 min Scan# 4702
Delta R.T. -0.003 min
Lab File: VN070905.D
Acq: 2 Feb 2022 21:07



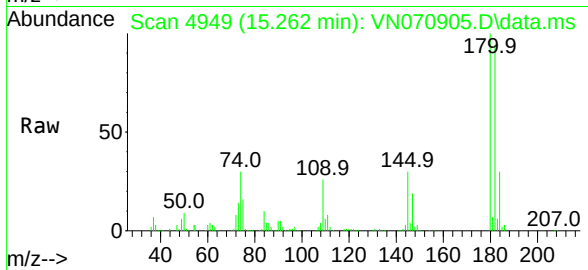
Tgt Ion: 75 Resp: 139911
Ion Ratio Lower Upper
75 100
155 79.6 46.9 140.7
157 101.2 60.6 181.7





#93
1,2,4-Trichlorobenzene
Concen: 48.660 ug/l
RT: 15.262 min Scan# 4949
Delta R.T. -0.001 min
Lab File: VN070905.D
Acq: 2 Feb 2022 21:07

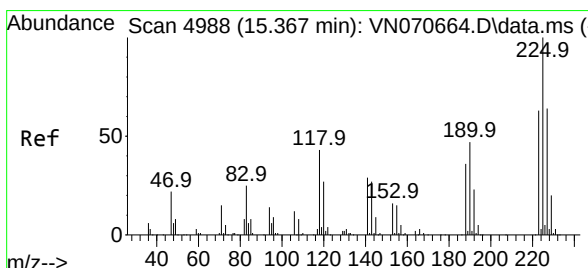
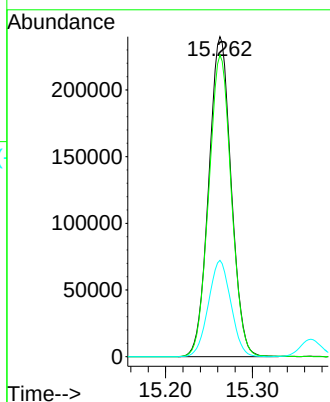
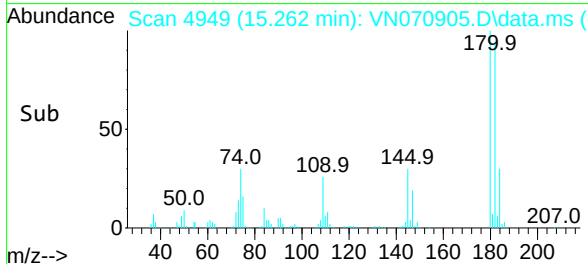
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



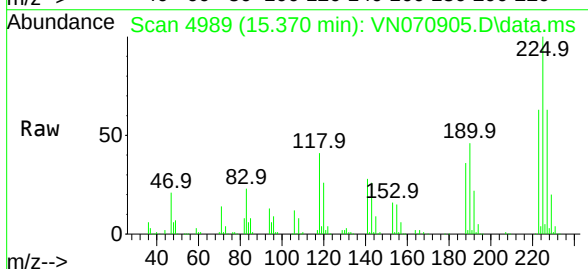
Tgt Ion:180 Resp: 429969
Ion Ratio Lower Upper
180 100
182 94.9 48.3 144.9
145 30.2 14.5 43.5

Manual Integrations
APPROVED

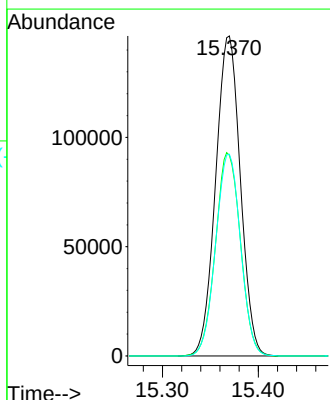
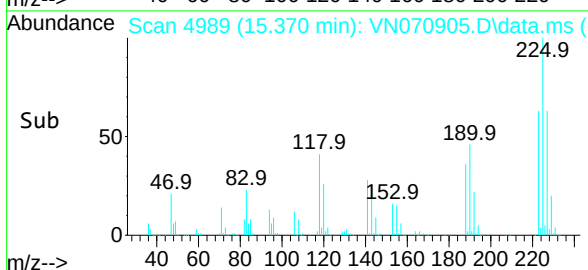
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022

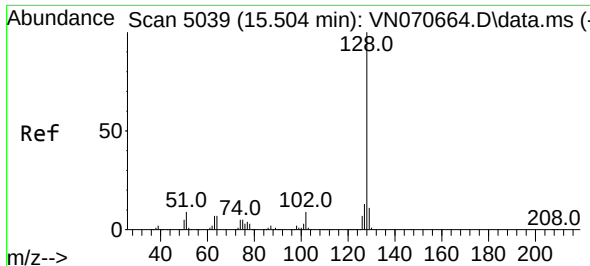


#94
Hexachlorobutadiene
Concen: 49.174 ug/l
RT: 15.370 min Scan# 4989
Delta R.T. 0.003 min
Lab File: VN070905.D
Acq: 2 Feb 2022 21:07



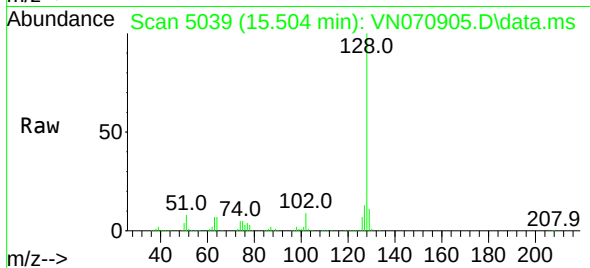
Tgt Ion:225 Resp: 262239
Ion Ratio Lower Upper
225 100
223 64.1 31.9 95.7
227 63.4 32.1 96.3





#95
Naphthalene
Concen: 48.313 ug/l
RT: 15.504 min Scan# 5039
Delta R.T. -0.000 min
Lab File: VN070905.D
Acq: 2 Feb 2022 21:07

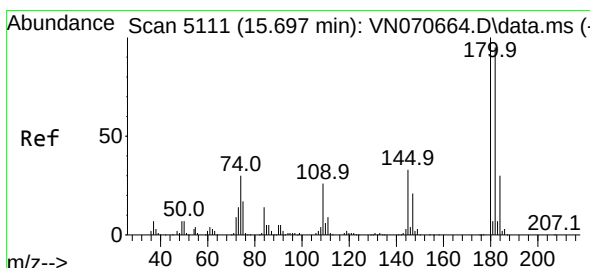
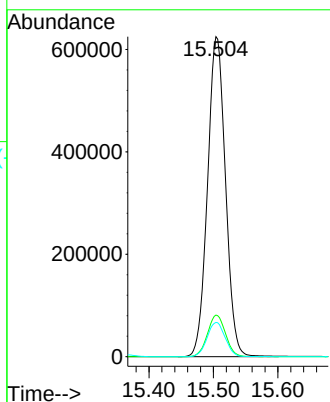
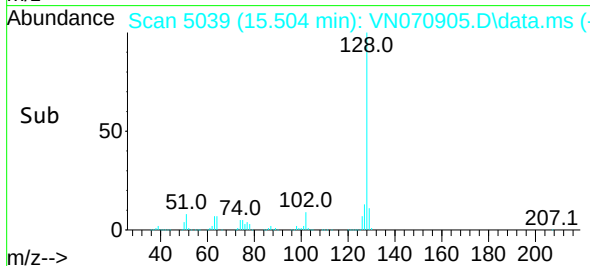
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



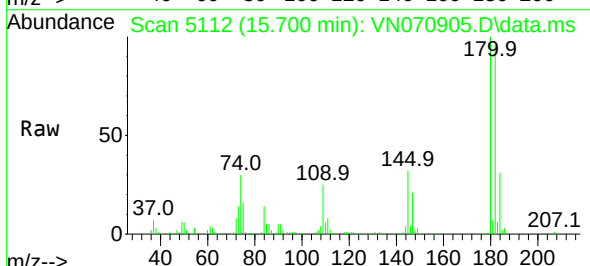
Tgt Ion:128 Resp: 120874
Ion Ratio Lower Upper
128 100
127 13.1 10.5 15.7
129 10.8 8.7 13.1

Manual Integrations
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Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022



#96
1,2,3-Trichlorobenzene
Concen: 49.480 ug/l
RT: 15.700 min Scan# 5112
Delta R.T. -0.000 min
Lab File: VN070905.D
Acq: 2 Feb 2022 21:07



Tgt Ion:180 Resp: 416832
Ion Ratio Lower Upper
180 100
182 95.1 47.4 142.2
145 32.3 15.0 45.1

