

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020222\
 Data File : VN070903.D
 Acq On : 2 Feb 2022 19:51
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Feb 03 05:58:24 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	8.086	168	751297	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1258168	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1161757	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	496868	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	500703	49.235	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	98.480%		
35) Dibromofluoromethane	8.021	113	374095	49.634	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	99.260%		
50) Toluene-d8	10.440	98	1535379	49.614	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	99.220%		
62) 4-Bromofluorobenzene	12.731	95	565298	50.696	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	101.400%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.073	85	449951	53.976	ug/l	100
3) Chloromethane	2.301	50	589082	55.949	ug/l	100
4) Vinyl Chloride	2.446	62	385004	43.771	ug/l	98
5) Bromomethane	2.837	94	227989	50.678	ug/l	99
6) Chloroethane	3.009	64	226128	56.687	ug/l	98
7) Trichlorofluoromethane	3.371	101	541736	55.152	ug/l	97
8) Diethyl Ether	3.821	74	309006	54.242	ug/l	85
9) 1,1,2-Trichlorotrifluo...	4.202	101	398941	53.827	ug/l	96
10) Methyl Iodide	4.417	142	595347	54.439	ug/l	97
11) Tert butyl alcohol	5.382	59	613039	286.881	ug/l	98
12) 1,1-Dichloroethene	4.175	96	405067	53.500	ug/l	94
13) Acrolein	4.039	56	607601	258.265	ug/l	99
14) Allyl chloride	4.838	41	946094	54.852	ug/l #	84
15) Acrylonitrile	5.554	53	1707099	286.064	ug/l	99
16) Acetone	4.288	43	1466214	241.119	ug/l	98
17) Carbon Disulfide	4.524	76	1207977	51.372	ug/l	99
18) Methyl Acetate	4.857	43	777843	56.170	ug/l	93
19) Methyl tert-butyl Ether	5.618	73	1582767	54.753	ug/l	95
20) Methylene Chloride	5.093	84	488611	52.913	ug/l	90
21) trans-1,2-Dichloroethene	5.591	96	428787	53.116	ug/l	87
22) Diisopropyl ether	6.498	45	1813288	54.275	ug/l	91
23) Vinyl Acetate	6.434	43	8205778	277.684	ug/l	95
24) 1,1-Dichloroethane	6.383	63	896727	53.307	ug/l	98
25) 2-Butanone	7.337	43	2420875	275.806	ug/l	93
26) 2,2-Dichloropropane	7.324	77	672419	50.898	ug/l	99
27) cis-1,2-Dichloroethene	7.327	96	505379	53.007	ug/l	88
28) Bromochloromethane	7.657	49	357622	48.720	ug/l #	77
29) Tetrahydrofuran	7.686	42	1635450	286.850	ug/l	89
30) Chloroform	7.817	83	838461	52.394	ug/l	100
31) Cyclohexane	8.094	56	896998	51.914	ug/l	87
32) 1,1,1-Trichloroethane	8.013	97	717342	53.105	ug/l	98
36) 1,1-Dichloropropene	8.222	75	644048	52.599	ug/l	97
37) Ethyl Acetate	7.415	43	930144	55.117	ug/l	98
38) Carbon Tetrachloride	8.206	117	590039	52.766	ug/l	100
39) Methylcyclohexane	9.459	83	816523	54.245	ug/l	90
40) Benzene	8.459	78	1995943	51.885	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	482960	56.959	ug/l #	86
42) 1,2-Dichloroethane	8.531	62	686865	52.449	ug/l	100
43) Isopropyl Acetate	8.563	43	1446025	50.971	ug/l	96
44) Trichloroethene	9.215	130	458689	51.530	ug/l	92
45) 1,2-Dichloropropane	9.488	63	550984	53.488	ug/l	100
46) Dibromomethane	9.577	93	327697	53.104	ug/l	96
47) Bromodichloromethane	9.762	83	659781	53.080	ug/l	99
48) Methyl methacrylate	9.561	41	703284	57.498	ug/l #	79
49) 1,4-Dioxane	9.569	88	234862	1146.218	ug/l	87
51) 4-Methyl-2-Pentanone	10.331	43	4727126	283.089	ug/l	99
52) Toluene	10.505	92	1234892	51.810	ug/l	96
53) t-1,3-Dichloropropene	10.719	75	754786	53.806	ug/l	99
54) cis-1,3-Dichloropropene	10.188	75	818724	53.662	ug/l	99
55) 1,1,2-Trichloroethane	10.896	97	478140	52.820	ug/l	98
56) Ethyl methacrylate	10.760	69	872678	55.350	ug/l	89
57) 1,3-Dichloropropane	11.044	76	849740	53.622	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.041	63	1011871	238.035	ug/l	91
59) 2-Hexanone	11.084	43	3482072	285.610	ug/l	98
60) Dibromochloromethane	11.237	129	477283	53.160	ug/l	100
61) 1,2-Dibromoethane	11.347	107	496805	53.364	ug/l	99
64) Tetrachloroethene	10.977	164	388796	51.131	ug/l	95
65) Chlorobenzene	11.768	112	1264485	52.004	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.840	131	448246	52.819	ug/l	98
67) Ethyl Benzene	11.843	91	2374534	53.571	ug/l	96
68) m/p-Xylenes	11.953	106	1753565	106.773	ug/l	94
69) o-Xylene	12.280	106	867594	52.783	ug/l	93
70) Styrene	12.294	104	1434640	55.380	ug/l	97
71) Bromoform	12.457	173	371779	53.058	ug/l #	100
73) Isopropylbenzene	12.578	105	2262367	52.187	ug/l	98
74) N-amyl acetate	12.388	43	1080715	55.663	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.825	83	786185	52.356	ug/l	99
76) 1,2,3-Trichloropropane	12.878	75	585260m	48.937	ug/l	
77) Bromobenzene	12.860	156	520895	50.122	ug/l	77
78) n-propylbenzene	12.919	91	2604837	52.688	ug/l	96
79) 2-Chlorotoluene	13.007	91	1587740	51.647	ug/l	92
80) 1,3,5-Trimethylbenzene	13.058	105	1861730	52.977	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.626	75	244627	55.445	ug/l	91
82) 4-Chlorotoluene	13.104	91	1544803	52.139	ug/l	92
83) tert-Butylbenzene	13.321	119	1607273	52.443	ug/l	95
84) 1,2,4-Trimethylbenzene	13.367	105	1826981	53.163	ug/l	97
85) sec-Butylbenzene	13.501	105	2275127	53.059	ug/l	97
86) p-Isopropyltoluene	13.613	119	1818336	53.775	ug/l	97
87) 1,3-Dichlorobenzene	13.613	146	897095	51.893	ug/l	96
88) 1,4-Dichlorobenzene	13.694	146	875992	50.658	ug/l	97
89) n-Butylbenzene	13.940	91	1556394	52.230	ug/l	96
90) Hexachloroethane	14.211	117	316421	52.802	ug/l	94
91) 1,2-Dichlorobenzene	13.989	146	858800	51.783	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.600	75	148930	54.733	ug/l	84
93) 1,2,4-Trichlorobenzene	15.263	180	469918	51.204	ug/l	98
94) Hexachlorobutadiene	15.367	225	284004	51.275	ug/l	98
95) Naphthalene	15.504	128	1346118	51.547	ug/l	100
96) 1,2,3-Trichlorobenzene	15.700	180	455497	51.971	ug/l	99

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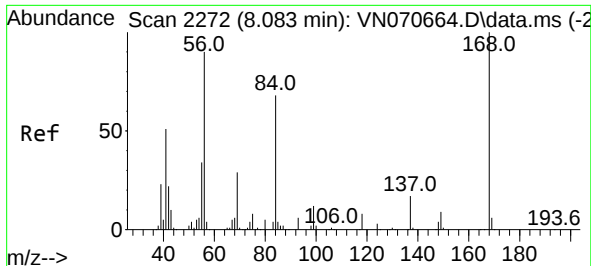
Manual Integrations
APPROVED

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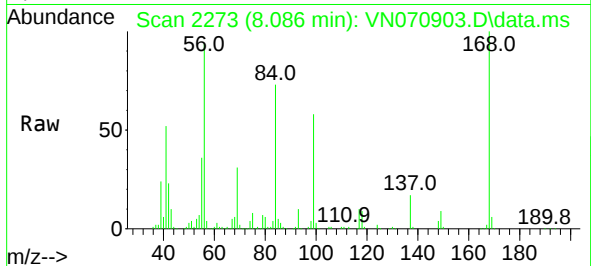
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
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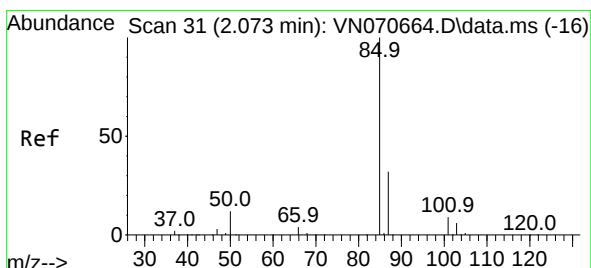
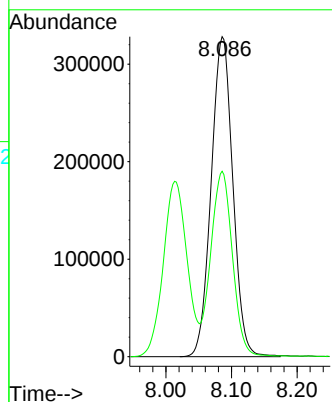
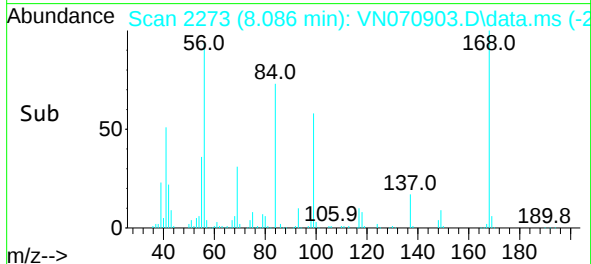
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 75129
Ion Ratio Lower Upper
168 100
99 57.7 41.3 61.9

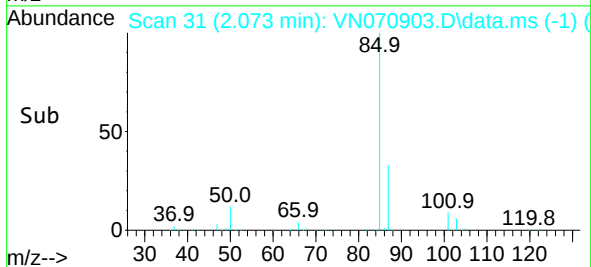
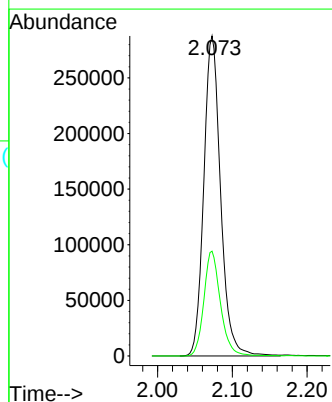
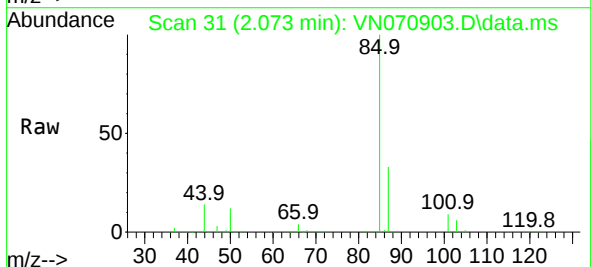
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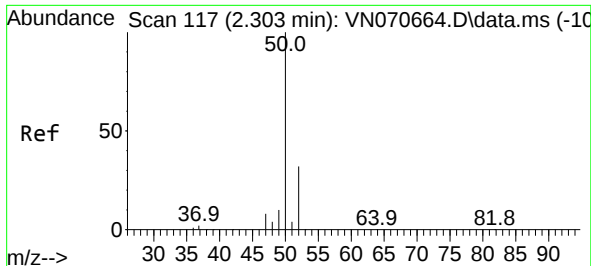
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022



#2
Dichlorodifluoromethane
Concen: 53.976 ug/l
RT: 2.073 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN070903.D
Acq: 2 Feb 2022 19:51

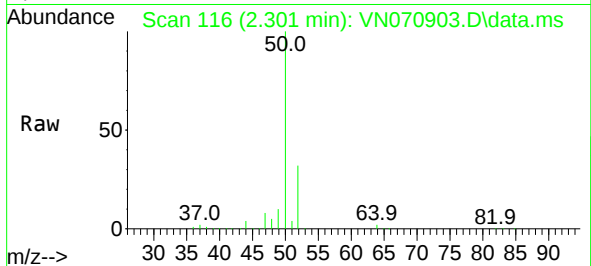
Tgt Ion: 85 Resp: 449951
Ion Ratio Lower Upper
85 100
87 32.8 16.3 48.9





#3
Chloromethane
Concen: 55.949 ug/l
RT: 2.301 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN070903.D
Acq: 2 Feb 2022 19:51

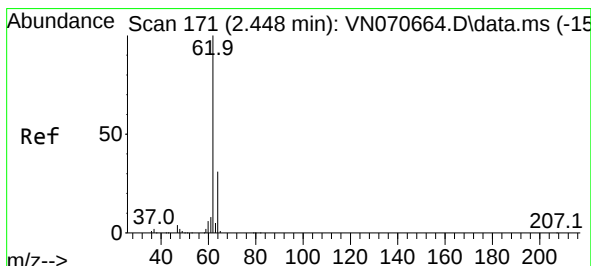
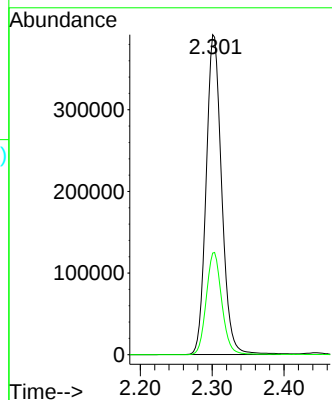
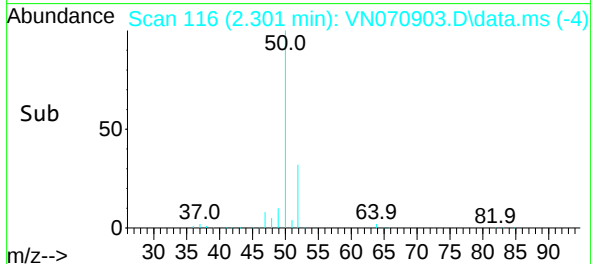
Instrument :
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Tgt Ion: 50 Resp: 589082
Ion Ratio Lower Upper
50 100
52 31.8 25.4 38.0

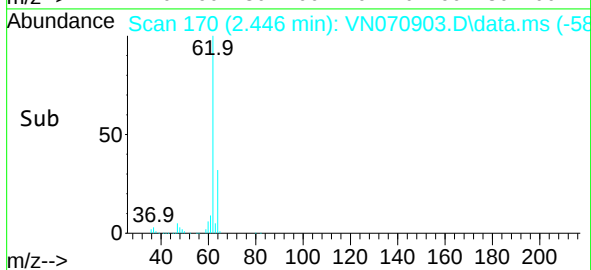
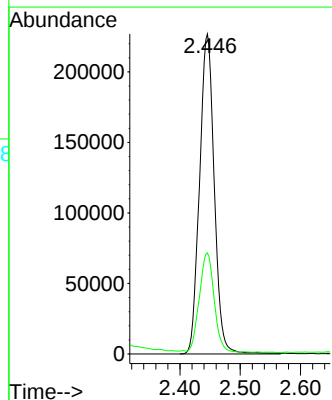
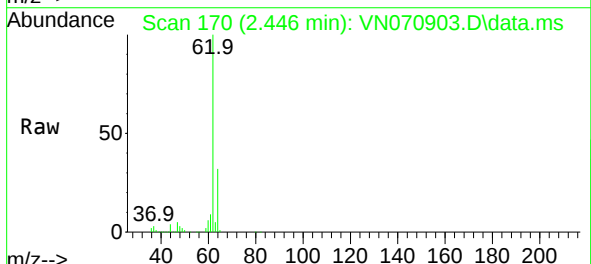
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#4
Vinyl Chloride
Concen: 43.771 ug/l
RT: 2.446 min Scan# 170
Delta R.T. -0.000 min
Lab File: VN070903.D
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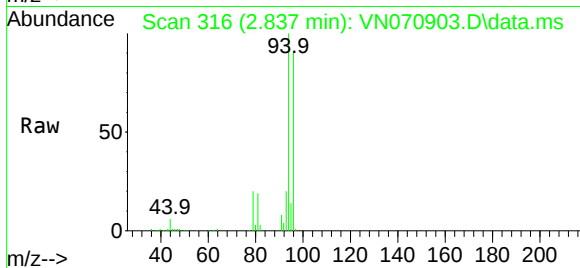
Tgt Ion: 62 Resp: 385004
Ion Ratio Lower Upper
62 100
64 31.1 25.8 38.6





#5
Bromomethane
Concen: 50.678 ug/l
RT: 2.837 min Scan# 316
Delta R.T. 0.005 min
Lab File: VN070903.D
Acq: 2 Feb 2022 19:51

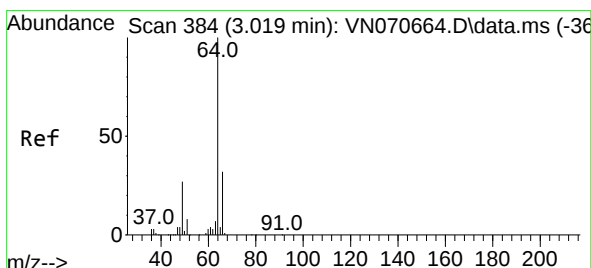
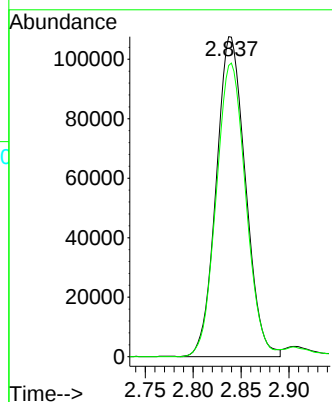
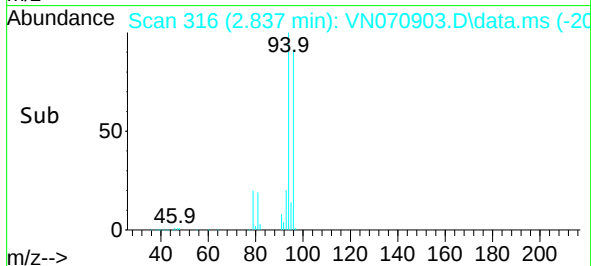
Instrument :
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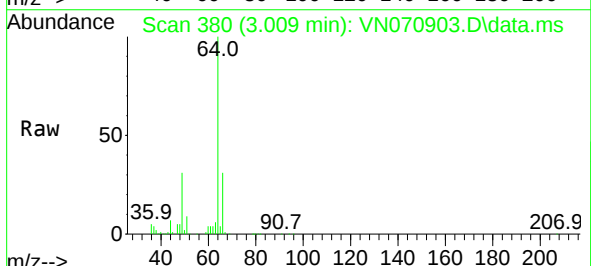
Tgt Ion: 94 Resp: 227989
Ion Ratio Lower Upper
94 100
96 91.0 73.8 110.8

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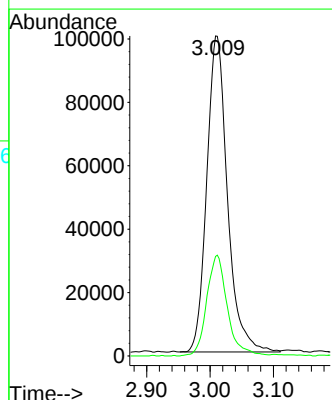
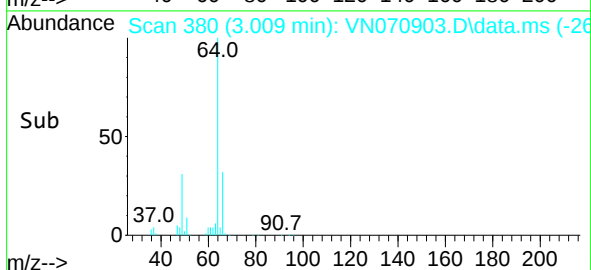
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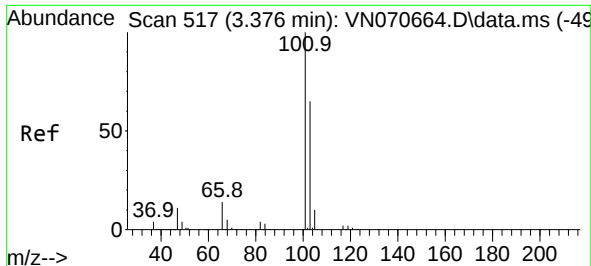


#6
Chloroethane
Concen: 56.687 ug/l
RT: 3.009 min Scan# 380
Delta R.T. -0.000 min
Lab File: VN070903.D
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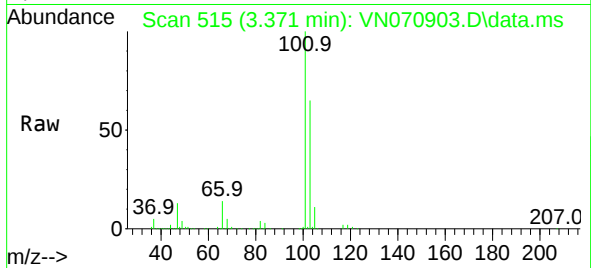
Tgt Ion: 64 Resp: 226128
Ion Ratio Lower Upper
64 100
66 31.5 26.3 39.5





#7
Trichlorofluoromethane
Concen: 55.152 ug/l
RT: 3.371 min Scan# 517
Delta R.T. -0.000 min
Lab File: VN070903.D
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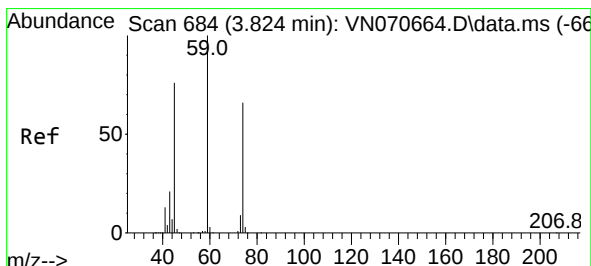
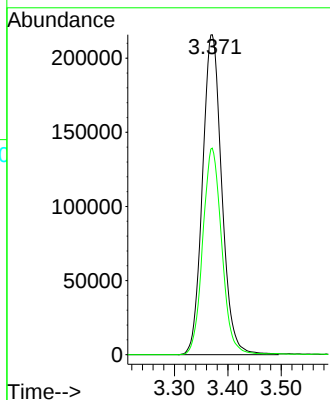
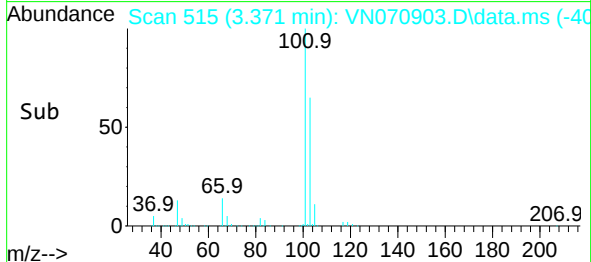
Instrument :
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Tgt Ion:101 Resp: 541730
Ion Ratio Lower Upper
101 100
103 64.5 50.1 75.1

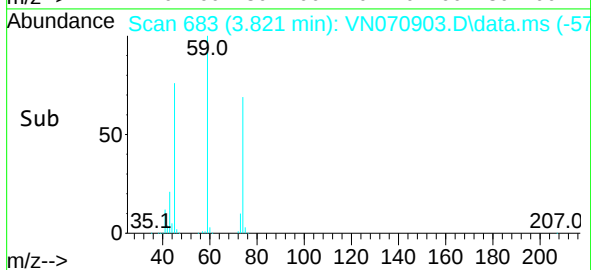
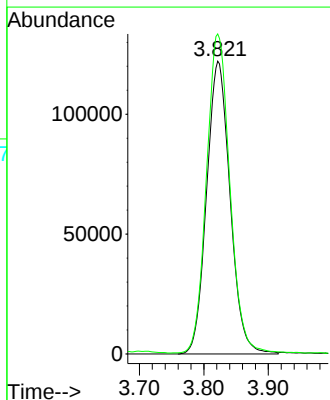
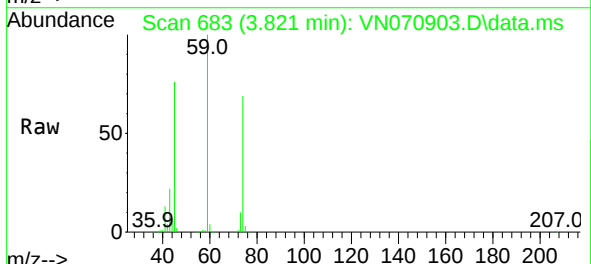
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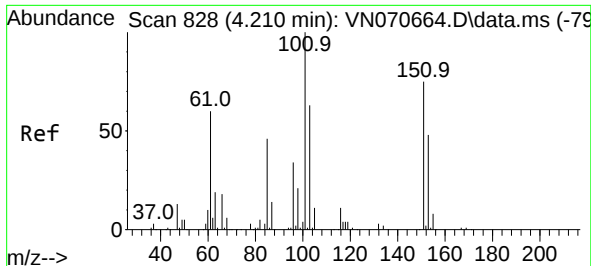
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#8
Diethyl Ether
Concen: 54.242 ug/l
RT: 3.821 min Scan# 683
Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 309006
Ion Ratio Lower Upper
74 100
45 108.3 47.0 141.2





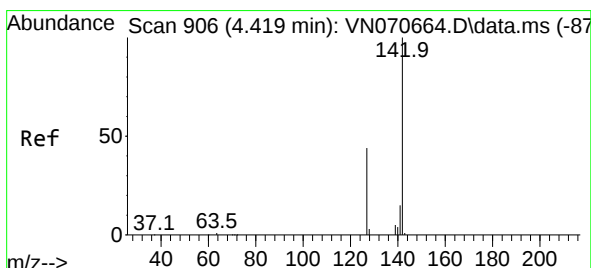
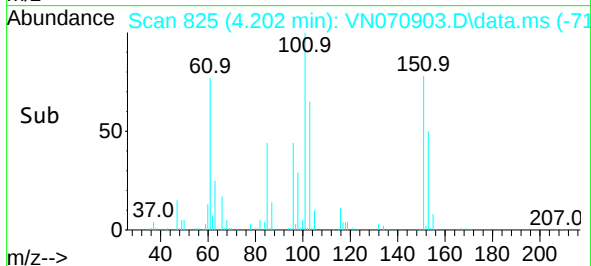
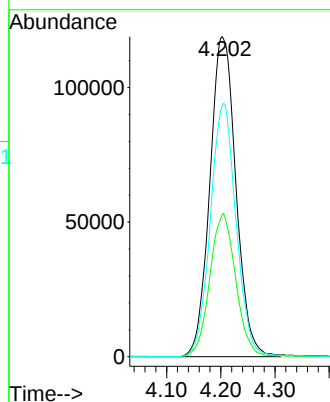
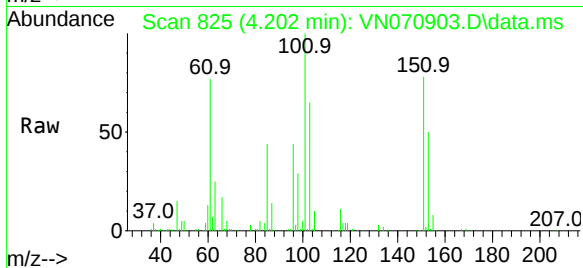
#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.827 ug/l
RT: 4.202 min Scan# 81
Delta R.T. -0.003 min
Lab File: VN070903.D
Acq: 2 Feb 2022 19:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 39894
Ion Ratio Lower Upper
101 100
85 44.2 37.2 55.8
151 77.9 65.9 98.9

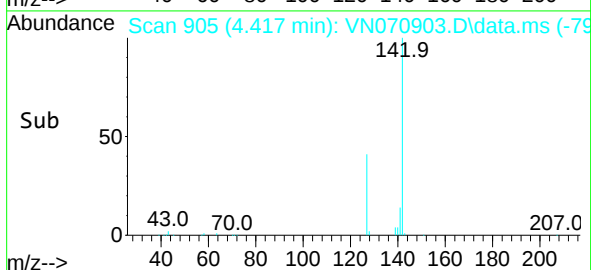
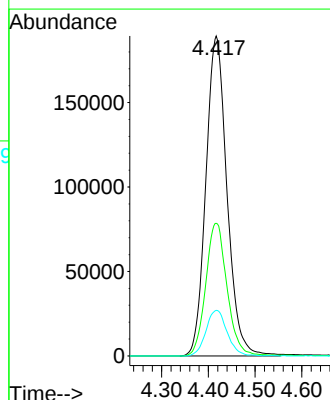
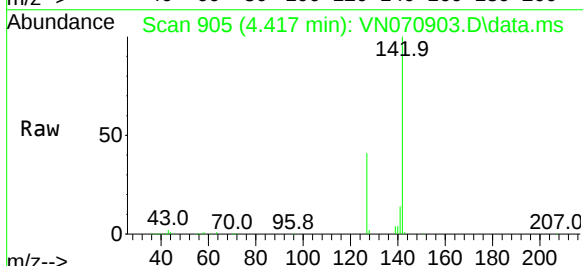
Manual Integrations
APPROVED

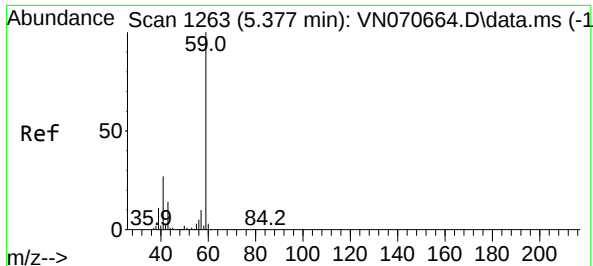
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022



#10
Methyl Iodide
Concen: 54.439 ug/l
RT: 4.417 min Scan# 905
Delta R.T. -0.000 min
Lab File: VN070903.D
Acq: 2 Feb 2022 19:51

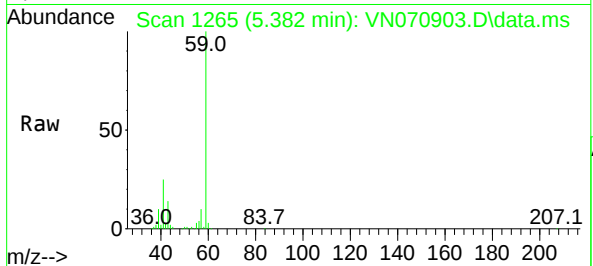
Tgt Ion:142 Resp: 595347
Ion Ratio Lower Upper
142 100
127 41.8 35.4 53.0
141 14.2 11.6 17.4





#11
Tert butyl alcohol
Concen: 286.881 ug/l
RT: 5.382 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN070903.D
Acq: 2 Feb 2022 19:51

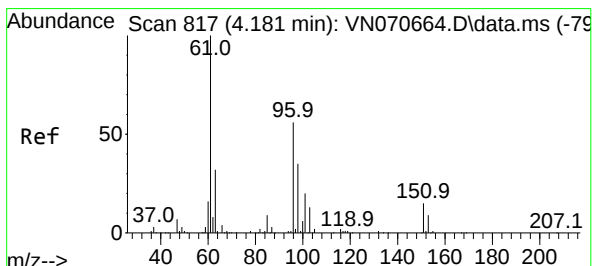
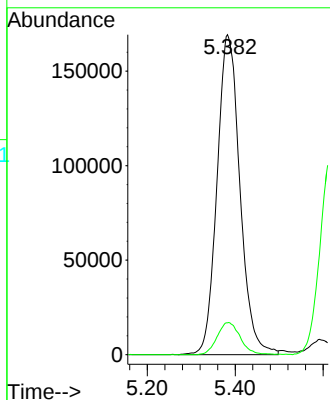
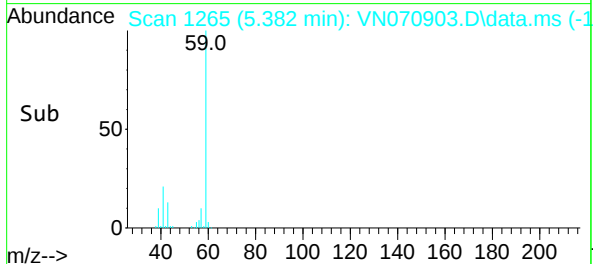
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



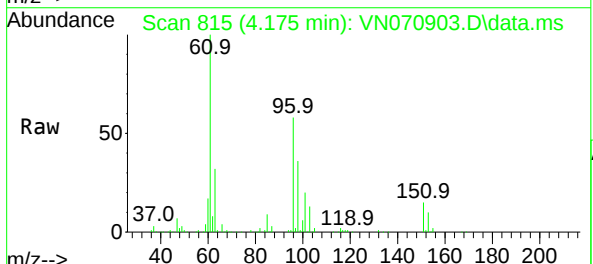
Tgt Ion: 59 Resp: 613039
Ion Ratio Lower Upper
59 100
57 10.1 8.7 13.1

Manual Integrations
APPROVED

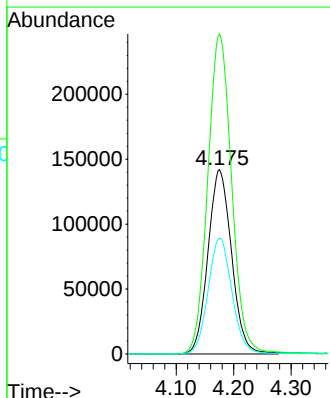
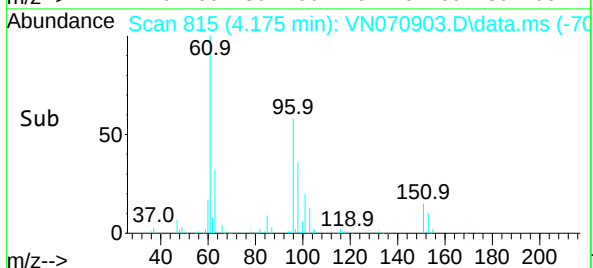
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022



#12
1,1-Dichloroethene
Concen: 53.500 ug/l
RT: 4.175 min Scan# 815
Delta R.T. 0.000 min
Lab File: VN070903.D
Acq: 2 Feb 2022 19:51



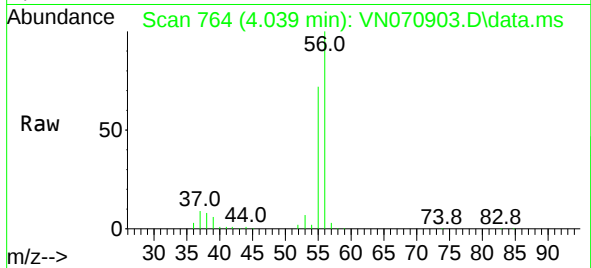
Tgt Ion: 96 Resp: 405067
Ion Ratio Lower Upper
96 100
61 173.6 131.0 196.6
98 62.7 52.4 78.6





#13
Acrolein
Concen: 258.265 ug/l
RT: 4.039 min Scan# 703
Delta R.T. -0.000 min
Lab File: VN070903.D
Acq: 2 Feb 2022 19:51

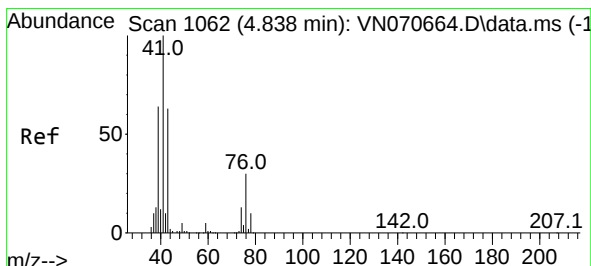
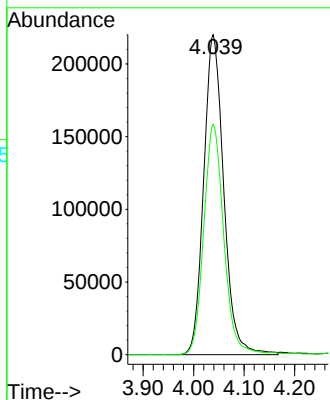
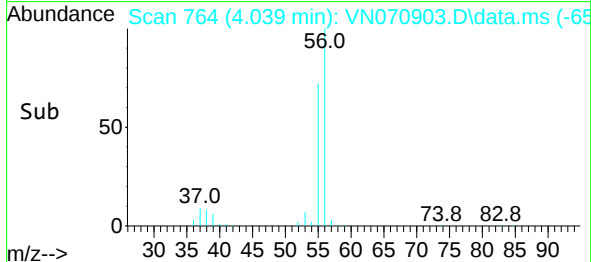
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



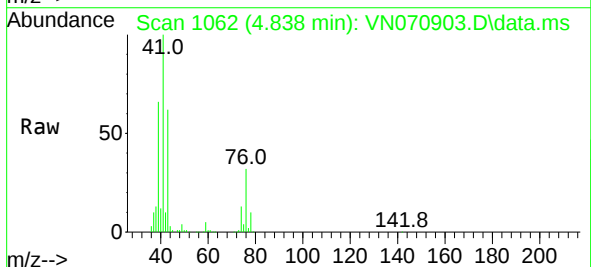
Tgt Ion: 56 Resp: 607603
Ion Ratio Lower Upper
56 100
55 71.7 56.6 85.0

Manual Integrations
APPROVED

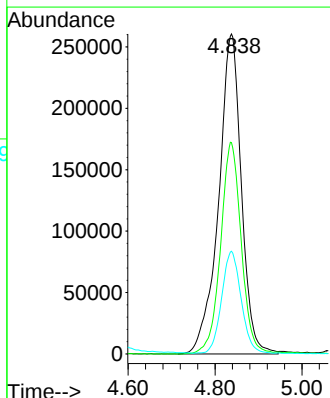
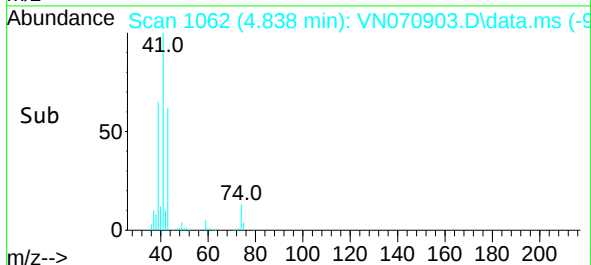
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022

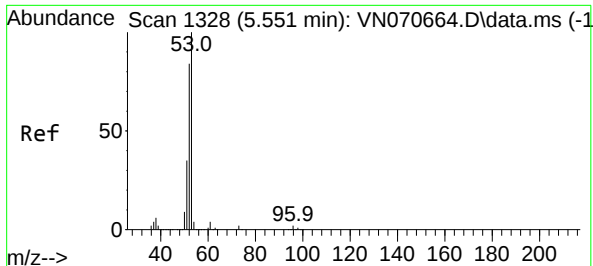


#14
Allyl chloride
Concen: 54.852 ug/l
RT: 4.838 min Scan# 1062
Delta R.T. -0.000 min
Lab File: VN070903.D
Acq: 2 Feb 2022 19:51



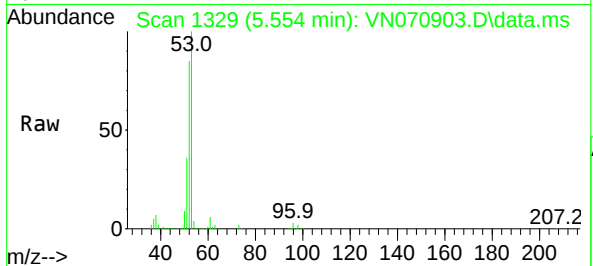
Tgt Ion: 41 Resp: 946094
Ion Ratio Lower Upper
41 100
39 60.1 61.2 91.8#
76 27.2 26.0 39.0





#15
Acrylonitrile
Concen: 286.064 ug/l
RT: 5.554 min Scan# 1328
Delta R.T. 0.003 min
Lab File: VN070903.D
Acq: 2 Feb 2022 19:51

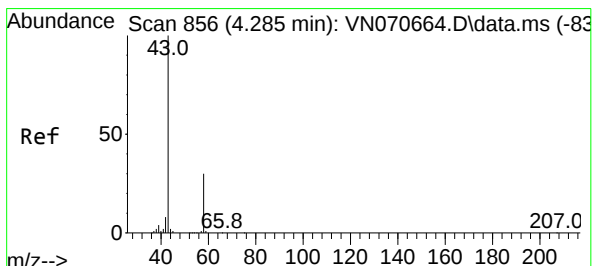
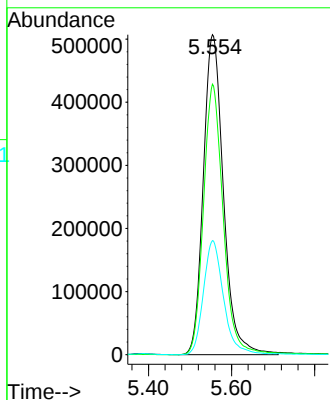
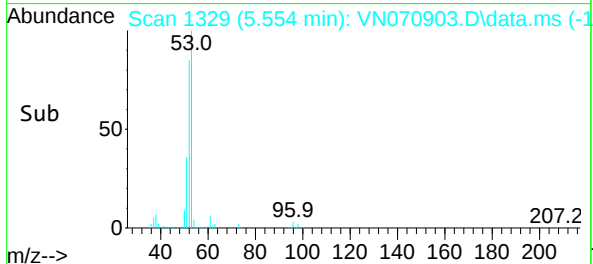
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 1707099
Ion Ratio Lower Upper
53 100
52 82.9 66.2 99.2
51 35.6 29.6 44.4

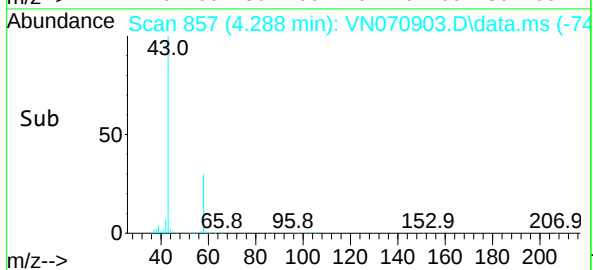
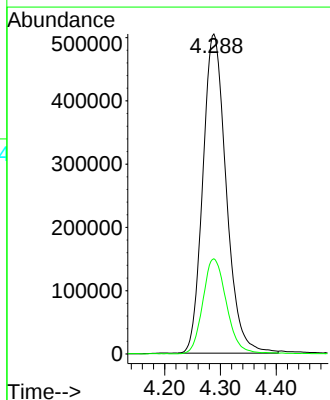
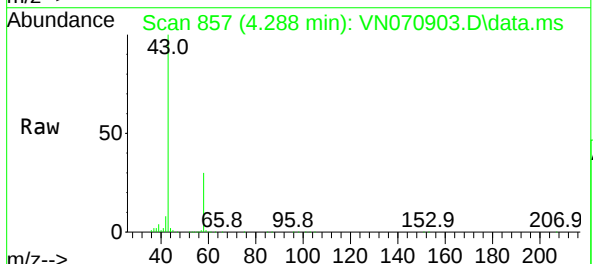
Manual Integrations
APPROVED

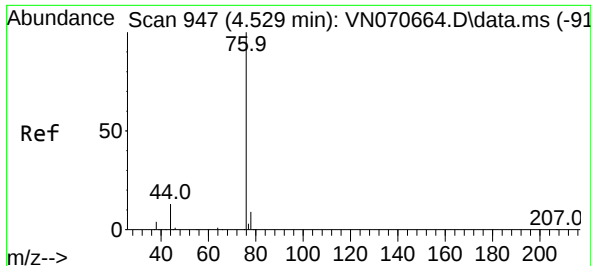
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022



#16
Acetone
Concen: 241.119 ug/l
RT: 4.288 min Scan# 857
Delta R.T. 0.003 min
Lab File: VN070903.D
Acq: 2 Feb 2022 19:51

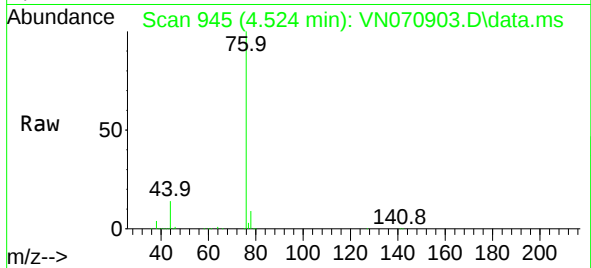
Tgt Ion: 43 Resp: 1466214
Ion Ratio Lower Upper
43 100
58 29.7 23.1 34.7





#17
Carbon Disulfide
Concen: 51.372 ug/l
RT: 4.524 min Scan# 947
Delta R.T. 0.000 min
Lab File: VN070903.D
Acq: 2 Feb 2022 19:51

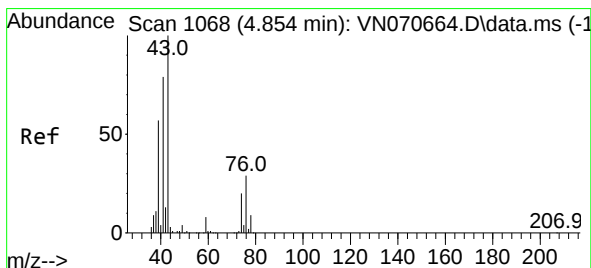
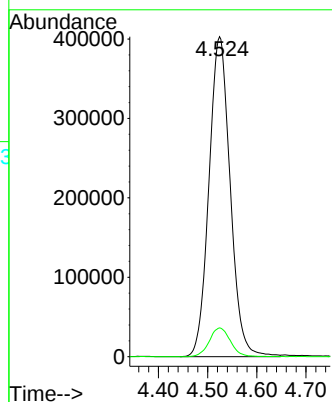
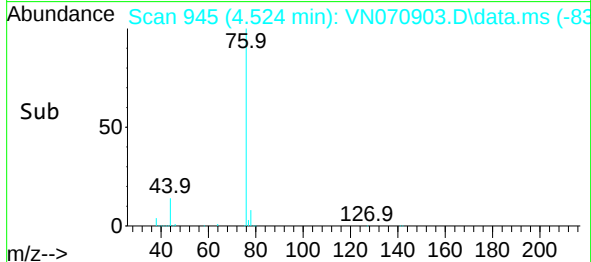
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



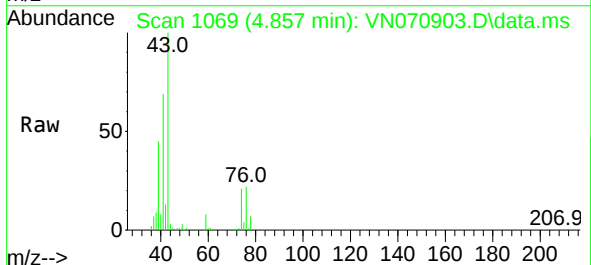
Tgt Ion: 76 Resp: 120797
Ion Ratio Lower Upper
76 100
78 9.0 7.5 11.3

Manual Integrations
APPROVED

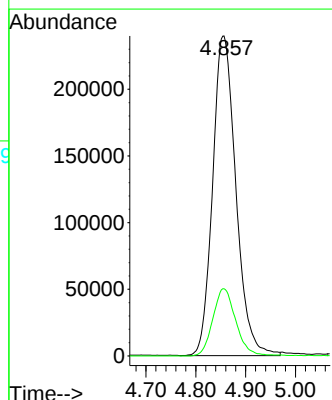
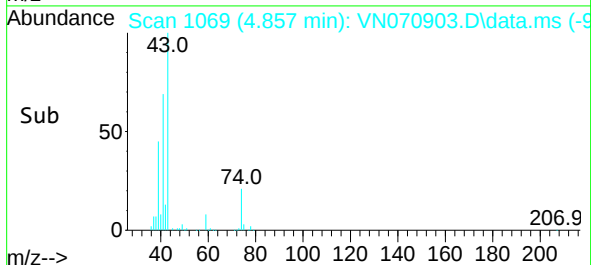
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022

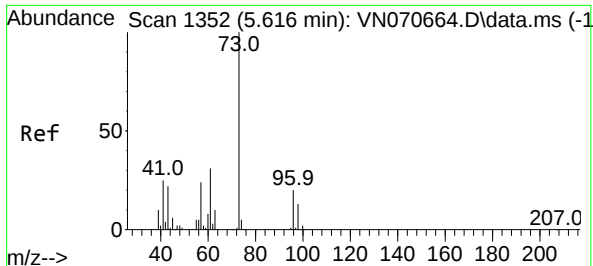


#18
Methyl Acetate
Concen: 56.170 ug/l
RT: 4.857 min Scan# 1069
Delta R.T. 0.003 min
Lab File: VN070903.D
Acq: 2 Feb 2022 19:51



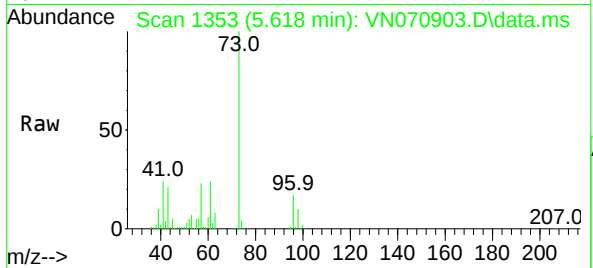
Tgt Ion: 43 Resp: 777843
Ion Ratio Lower Upper
43 100
74 20.8 19.4 29.2





#19
Methyl tert-butyl Ether
Concen: 54.753 ug/l
RT: 5.618 min Scan# 1157
Delta R.T. 0.002 min
Lab File: VN070903.D
Acq: 2 Feb 2022 19:51

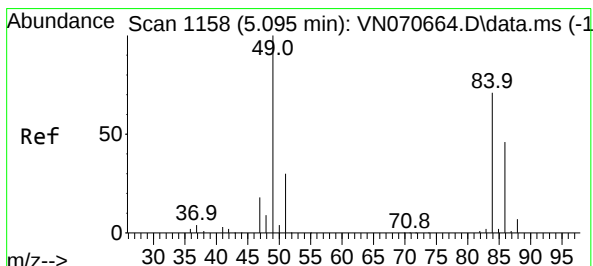
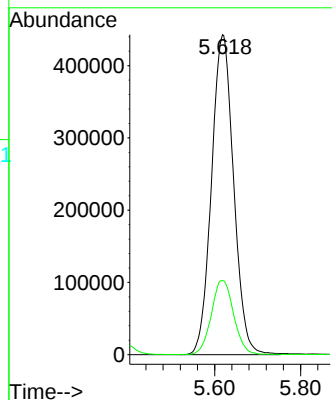
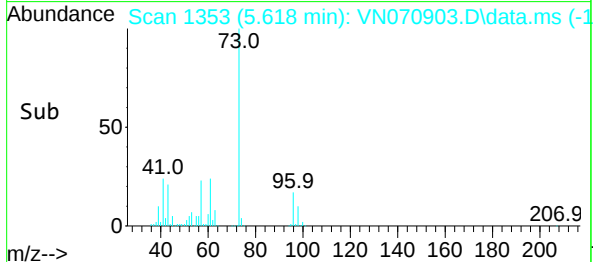
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 158276
Ion Ratio Lower Upper
73 100
57 23.1 16.8 25.2

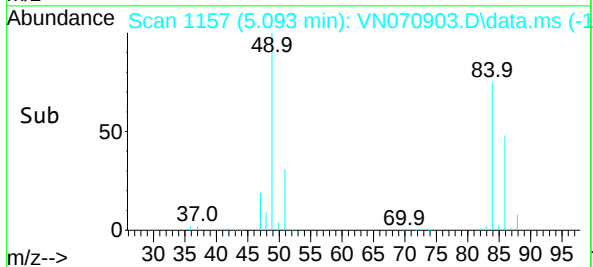
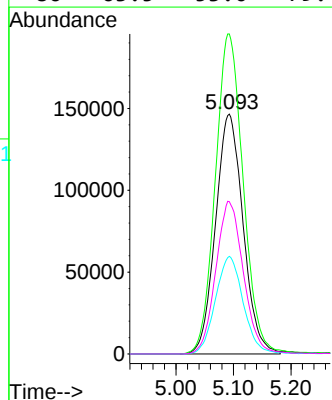
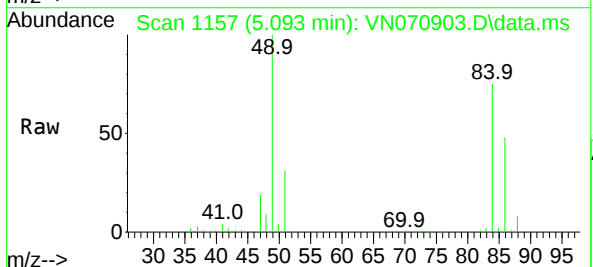
Manual Integrations
APPROVED

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



#20
Methylene Chloride
Concen: 52.913 ug/l
RT: 5.093 min Scan# 1157
Delta R.T. 0.003 min
Lab File: VN070903.D
Acq: 2 Feb 2022 19:51

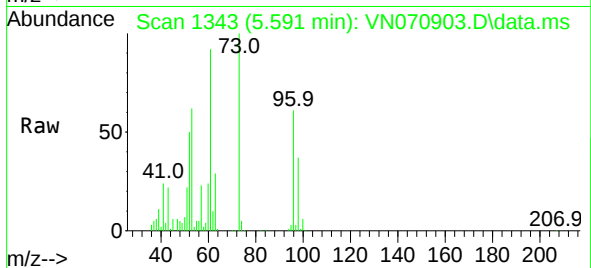
Tgt Ion: 84 Resp: 488611
Ion Ratio Lower Upper
84 100
49 133.4 93.5 140.3
51 40.7 29.4 44.2
86 63.5 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 53.116 ug/l
RT: 5.591 min Scan# 11
Delta R.T. -0.003 min
Lab File: VN070903.D
Acq: 2 Feb 2022 19:51

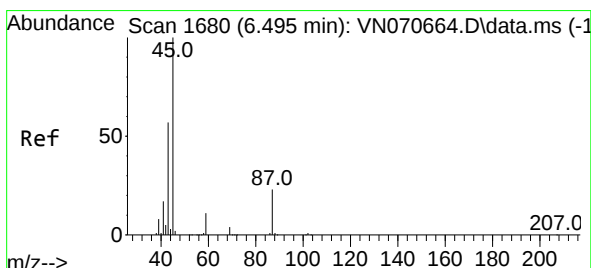
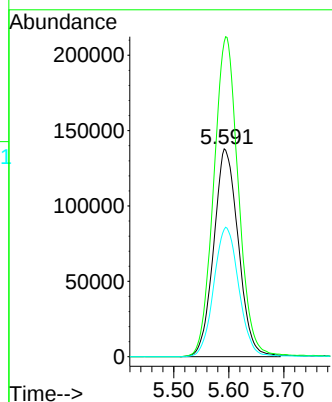
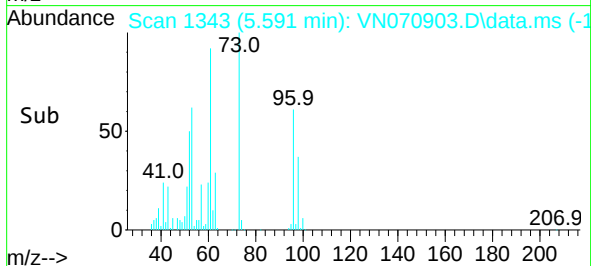
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



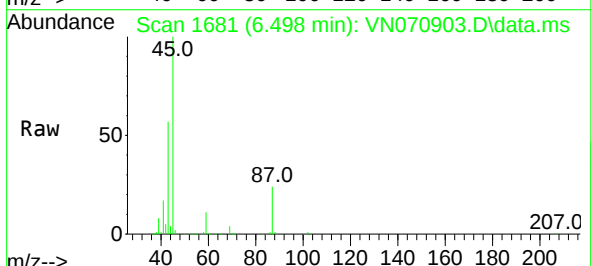
Tgt Ion: 96 Resp: 42878
Ion Ratio Lower Upper
96 100
61 151.4 105.8 158.6
98 61.3 52.0 78.0

Manual Integrations
APPROVED

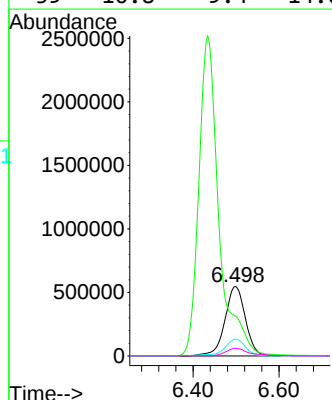
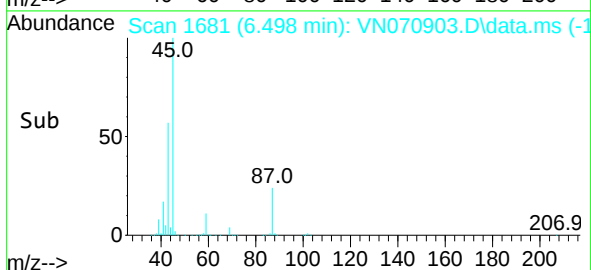
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022

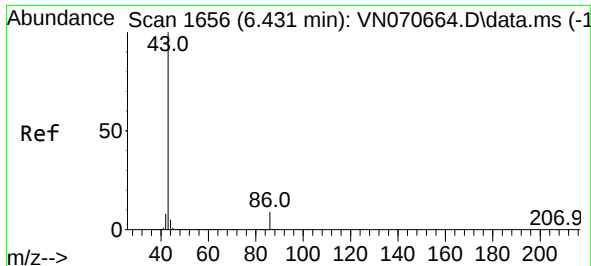


#22
Diisopropyl ether
Concen: 54.275 ug/l
RT: 6.498 min Scan# 1681
Delta R.T. 0.003 min
Lab File: VN070903.D
Acq: 2 Feb 2022 19:51



Tgt Ion: 45 Resp: 1813288
Ion Ratio Lower Upper
45 100
43 56.5 51.7 77.5
87 24.1 23.2 34.8
59 10.8 9.4 14.0





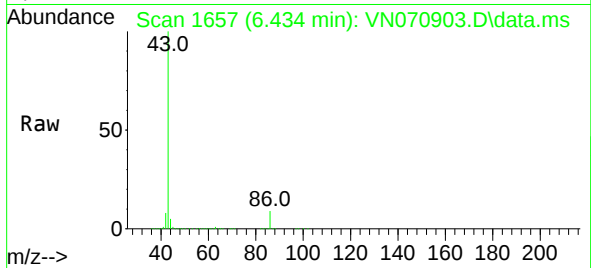
#23
 Vinyl Acetate
 Concen: 277.684 ug/l
 RT: 6.434 min Scan# 1657
 Delta R.T. -0.000 min
 Lab File: VN070903.D
 Acq: 2 Feb 2022 19:51

Instrument :

MSVOA_N

ClientSampleId :

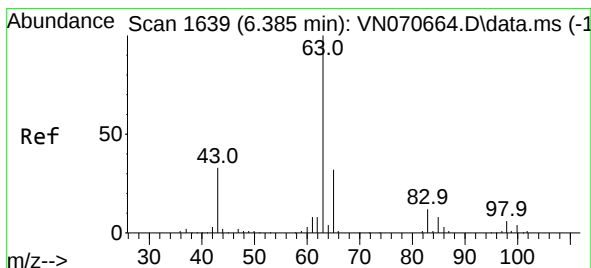
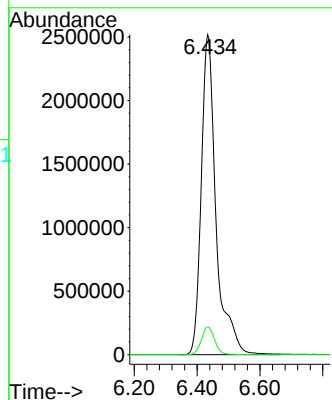
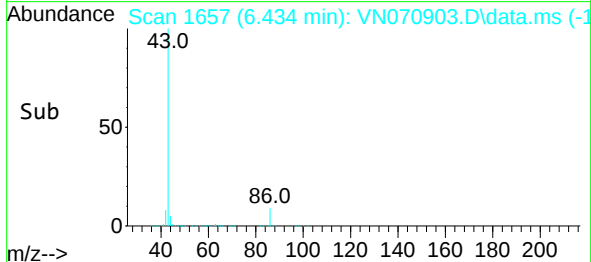
VSTDCCC050EC



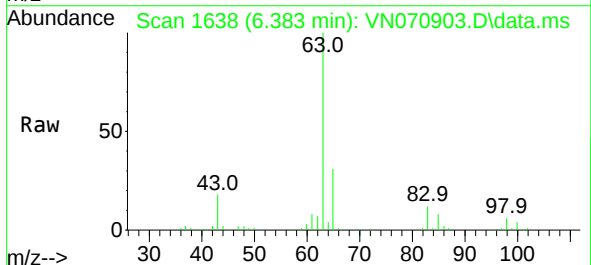
Tgt Ion: 43 Resp: 8205778
 Ion Ratio Lower Upper
 43 100
 86 8.7 8.5 12.7

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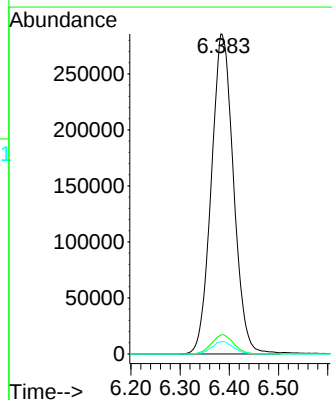
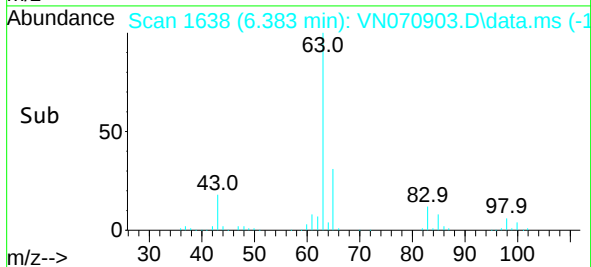
Reviewed By :John Carlone 02/03/2022
 Supervised By :Mahesh Dadoda 02/04/2022



#24
 1,1-Dichloroethane
 Concen: 53.307 ug/l
 RT: 6.383 min Scan# 1638
 Delta R.T. -0.002 min
 Lab File: VN070903.D
 Acq: 2 Feb 2022 19:51



Tgt Ion: 63 Resp: 896727
 Ion Ratio Lower Upper
 63 100
 98 5.9 3.3 9.9
 100 3.7 2.1 6.5





#25

2-Butanone

Concen: 275.806 ug/l

RT: 7.337 min Scan# 1992

Delta R.T. 0.002 min

Lab File: VN070903.D

Acq: 2 Feb 2022 19:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 242087

Ion Ratio Lower Upper

43 100

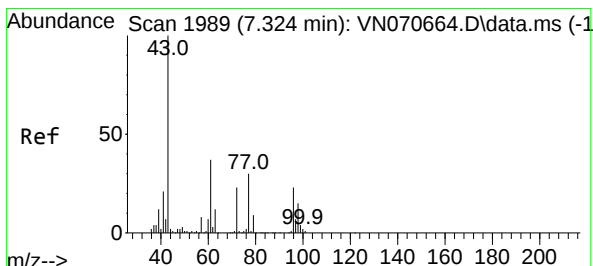
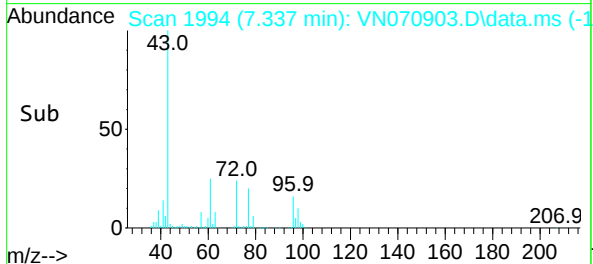
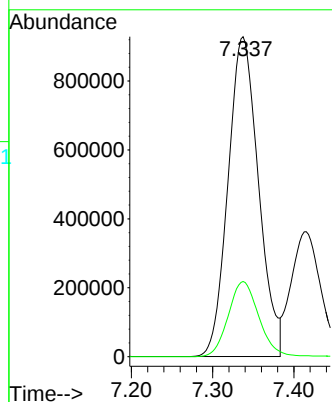
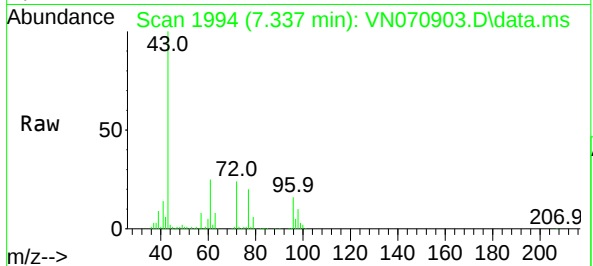
72 23.5 21.7 32.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/03/2022

Supervised By :Mahesh Dadoda 02/04/2022



#26

2,2-Dichloropropane

Concen: 50.898 ug/l

RT: 7.324 min Scan# 1989

Delta R.T. 0.003 min

Lab File: VN070903.D

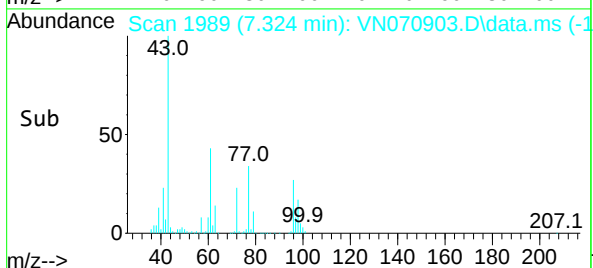
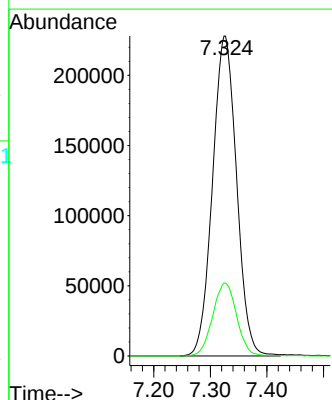
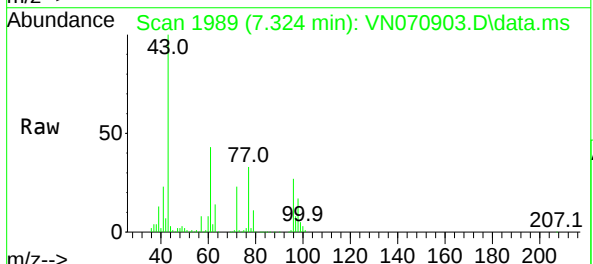
Acq: 2 Feb 2022 19:51

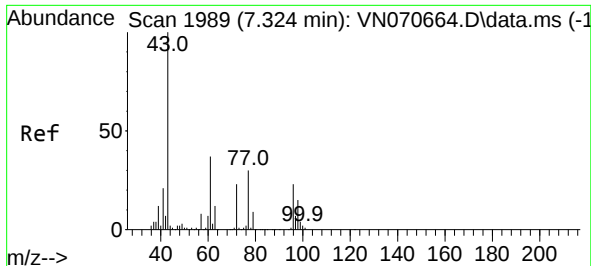
Tgt Ion: 77 Resp: 672419

Ion Ratio Lower Upper

77 100

97 22.7 11.6 34.8





#27

cis-1,2-Dichloroethene

Concen: 53.007 ug/l

RT: 7.327 min Scan# 1989

Delta R.T. 0.003 min

Lab File: VN070903.D

Acq: 2 Feb 2022 19:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

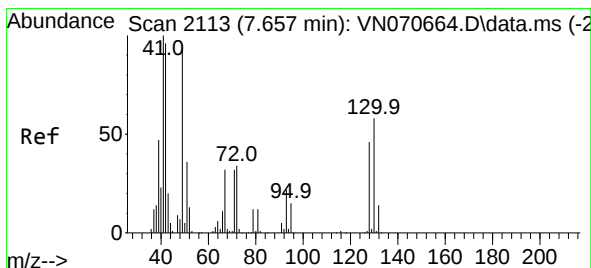
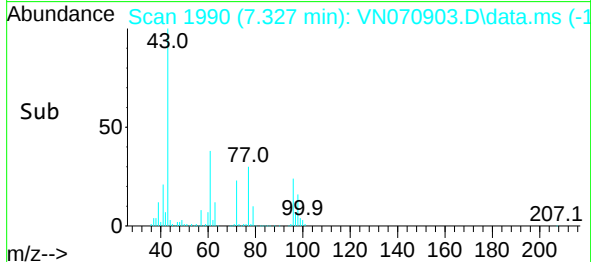
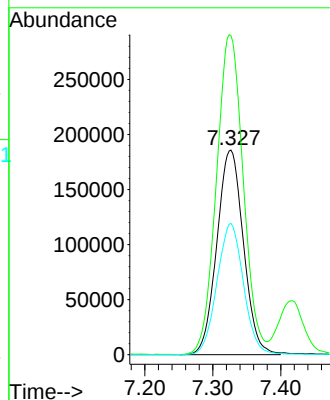
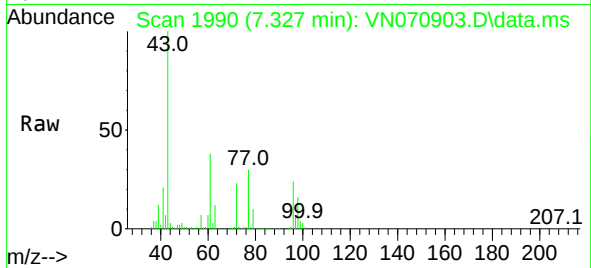
Tgt Ion:	96	Resp:	505379
Ion Ratio	Lower	Upper	
96	100		
61	157.9	0.0	275.0
98	63.9	0.0	129.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/03/2022

Supervised By :Mahesh Dadoda 02/04/2022



#28

Bromochloromethane

Concen: 48.720 ug/l

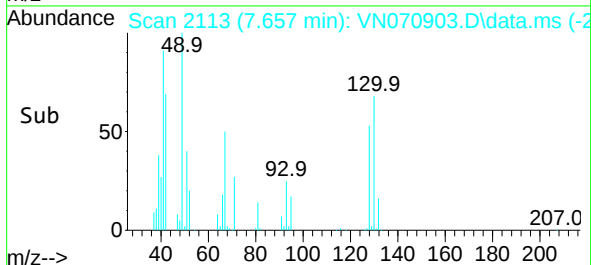
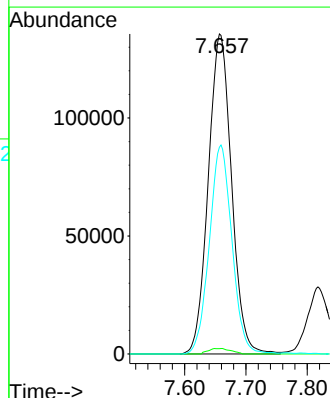
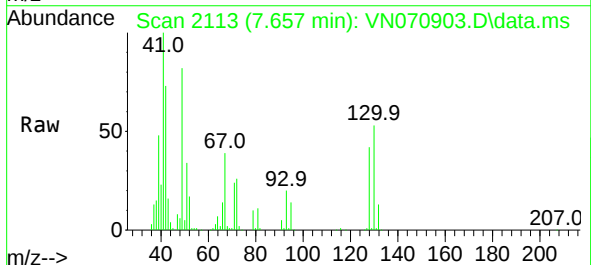
RT: 7.657 min Scan# 2113

Delta R.T. -0.000 min

Lab File: VN070903.D

Acq: 2 Feb 2022 19:51

Tgt Ion:	49	Resp:	357622
Ion Ratio	Lower	Upper	
49	100		
129	0.7	0.0	4.0
130	63.5	67.8	101.8#





#29

Tetrahydrofuran

Concen: 286.850 ug/l

RT: 7.686 min Scan# 2123

Delta R.T. 0.000 min

Lab File: VN070903.D

Acq: 2 Feb 2022 19:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 1635450

Ion Ratio Lower Upper

42 100

72 37.8 36.3 54.5

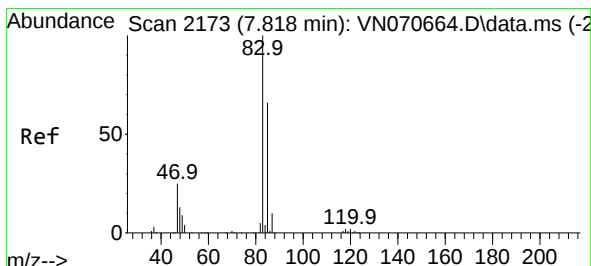
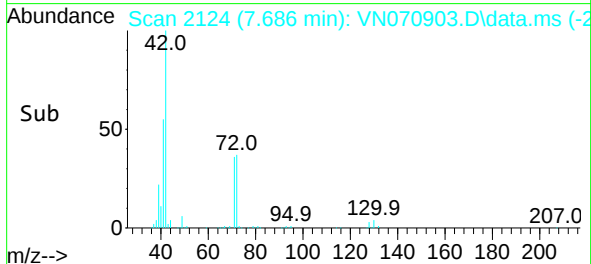
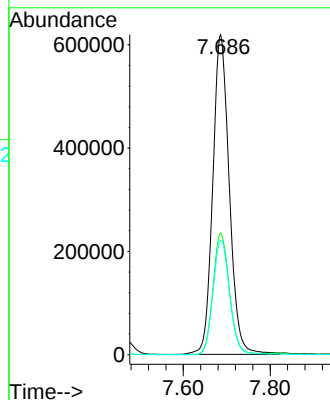
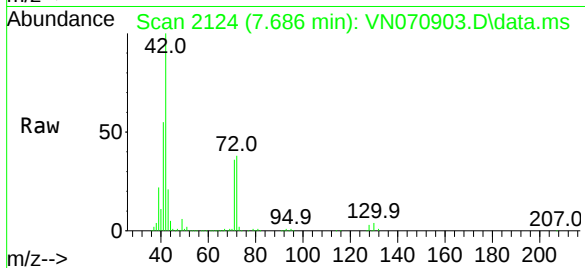
71 36.2 34.7 52.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/03/2022

Supervised By :Mahesh Dadoda 02/04/2022



#30

Chloroform

Concen: 52.394 ug/l

RT: 7.817 min Scan# 2173

Delta R.T. -0.000 min

Lab File: VN070903.D

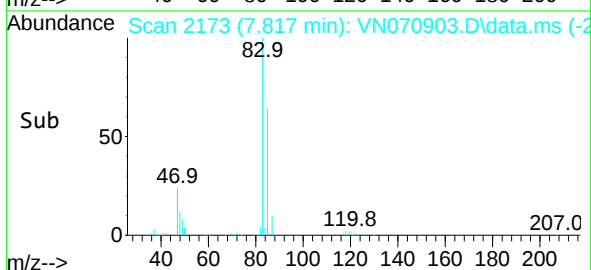
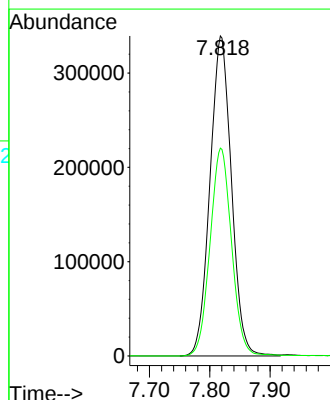
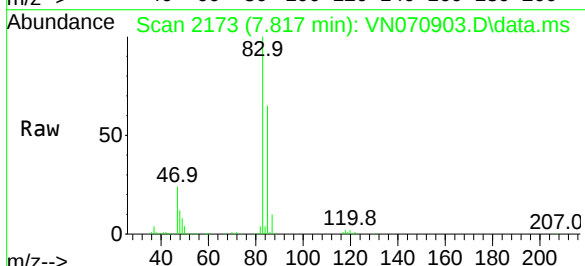
Acq: 2 Feb 2022 19:51

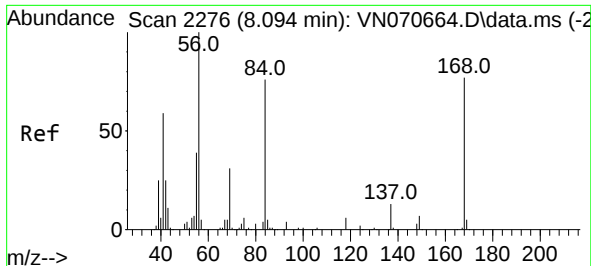
Tgt Ion: 83 Resp: 838461

Ion Ratio Lower Upper

83 100

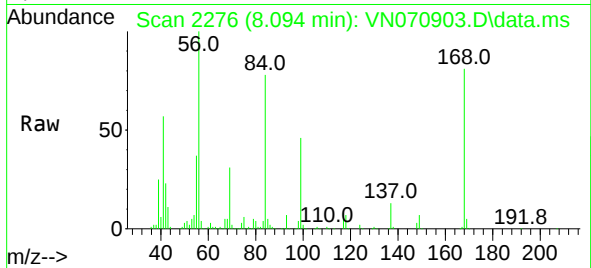
85 65.0 51.9 77.9





#31
Cyclohexane
Concen: 51.914 ug/l
RT: 8.094 min Scan# 2276
Delta R.T. -0.000 min
Lab File: VN070903.D
Acq: 2 Feb 2022 19:51

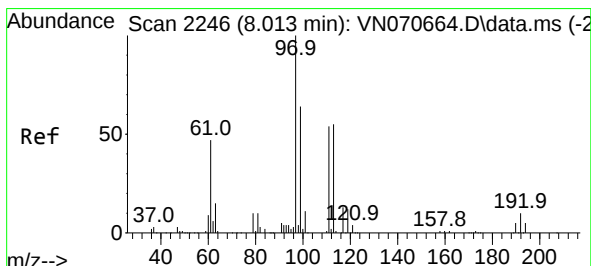
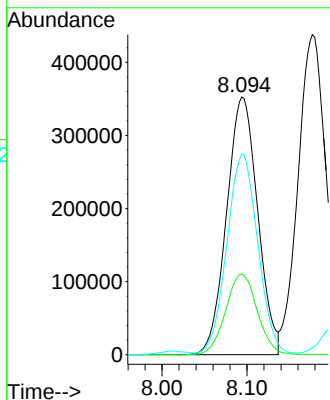
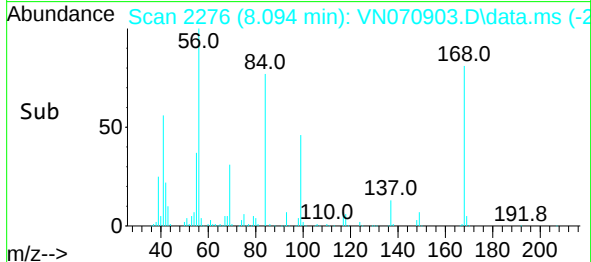
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



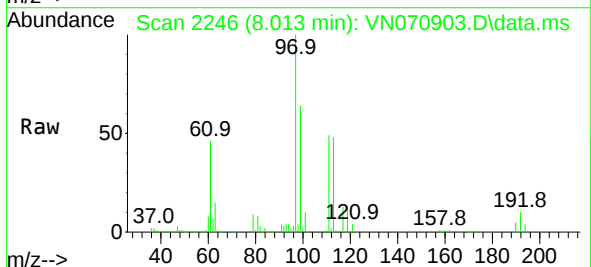
Tgt Ion: 56 Resp: 896998
Ion Ratio Lower Upper
56 100
69 31.3 27.1 40.7
84 76.6 73.4 110.0

Manual Integrations
APPROVED

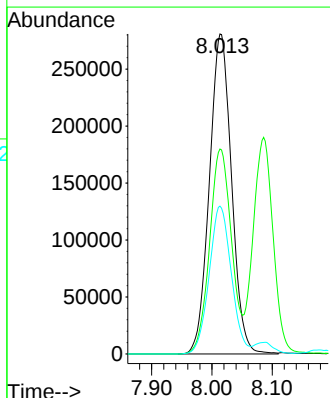
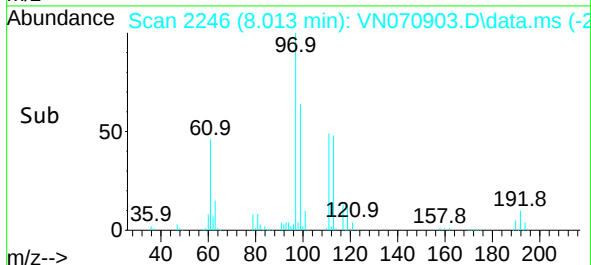
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022

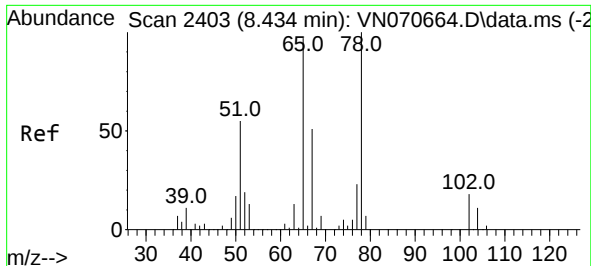


#32
1,1,1-Trichloroethane
Concen: 53.105 ug/l
RT: 8.013 min Scan# 2246
Delta R.T. 0.000 min
Lab File: VN070903.D
Acq: 2 Feb 2022 19:51



Tgt Ion: 97 Resp: 717342
Ion Ratio Lower Upper
97 100
99 63.3 50.1 75.1
61 46.3 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 49.235 ug/l

RT: 8.437 min Scan# 2403

Delta R.T. 0.000 min

Lab File: VN070903.D

Acq: 2 Feb 2022 19:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 50070

Ion Ratio Lower Upper

65 100

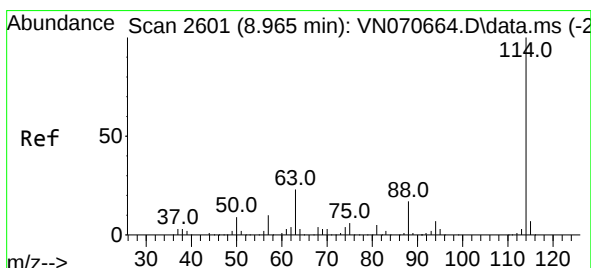
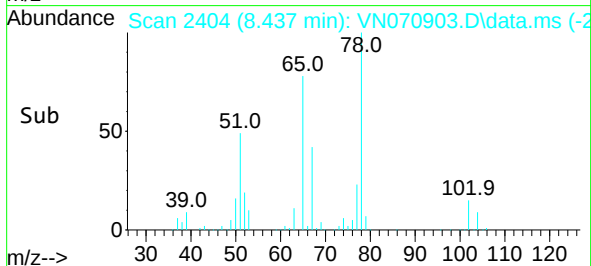
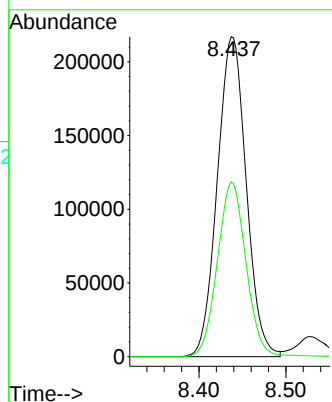
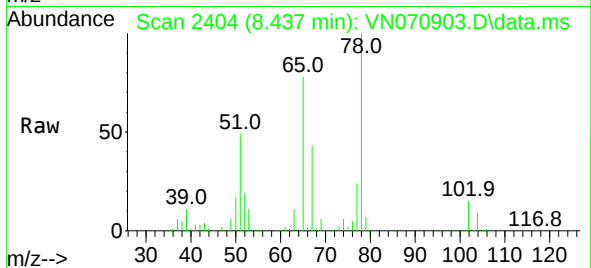
67 54.2 0.0 103.0

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. 0.003 min

Lab File: VN070903.D

Acq: 2 Feb 2022 19:51

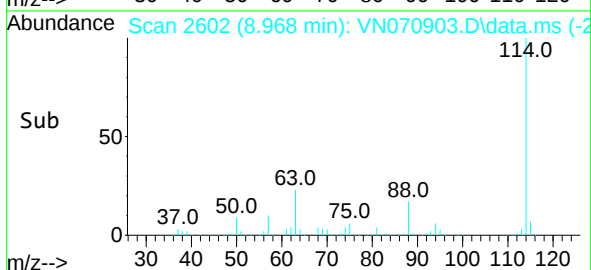
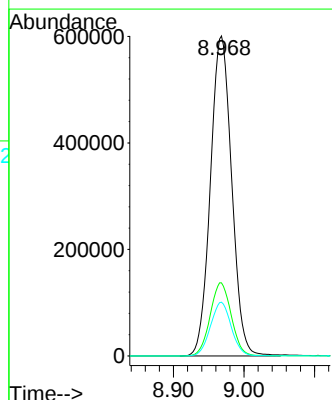
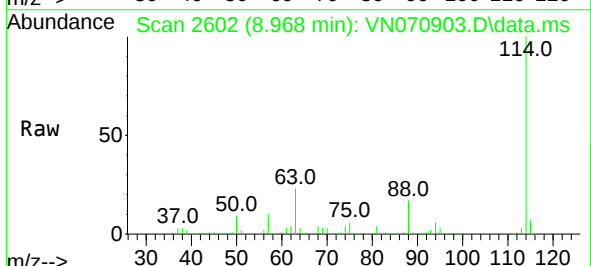
Tgt Ion:114 Resp: 1258168

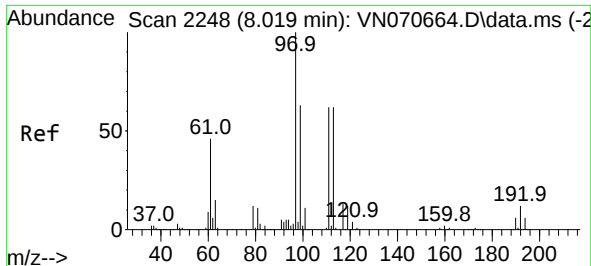
Ion Ratio Lower Upper

114 100

63 22.9 0.0 37.8

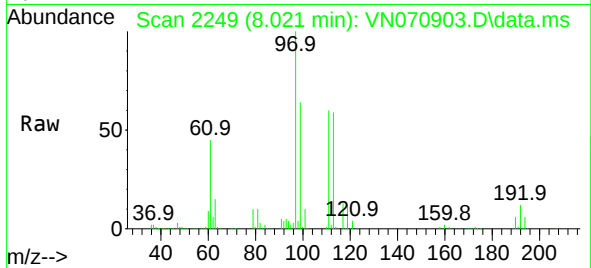
88 16.8 0.0 27.4





#35
Dibromofluoromethane
Concen: 49.634 ug/l
RT: 8.021 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN070903.D
Acq: 2 Feb 2022 19:51

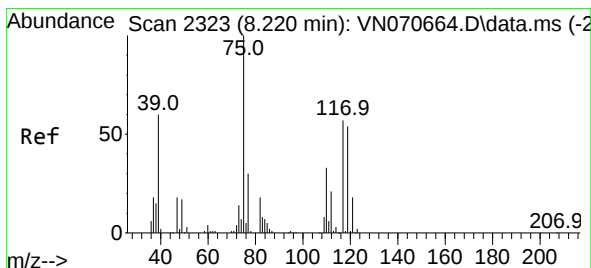
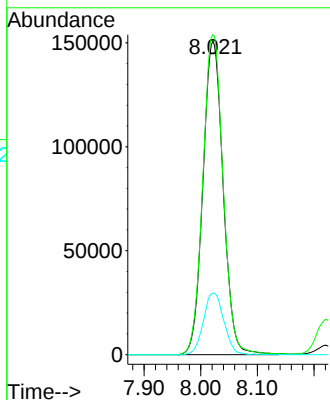
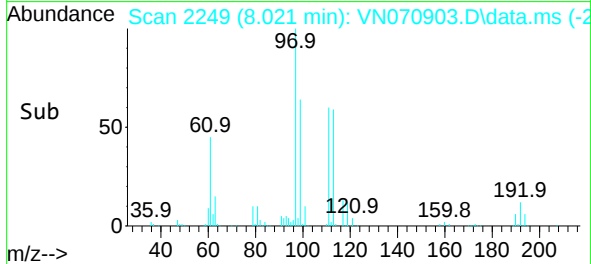
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 113 Resp: 37409
Ion Ratio Lower Upper
113 100
111 102.3 82.2 123.2
192 19.8 16.9 25.3

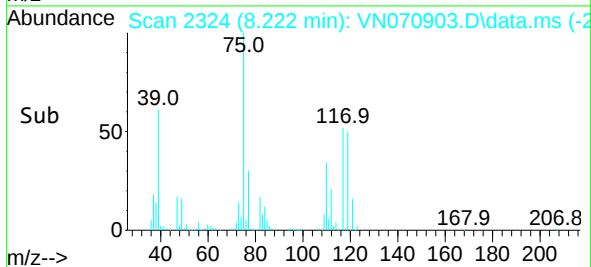
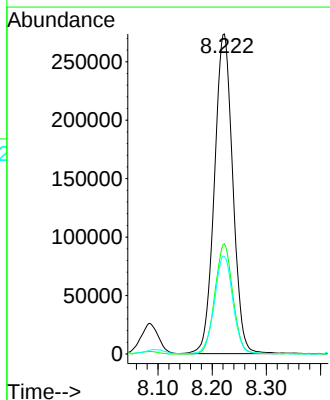
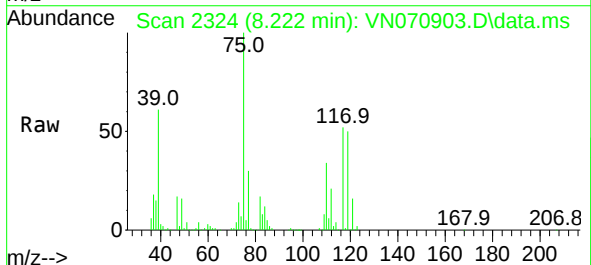
Manual Integrations
APPROVED

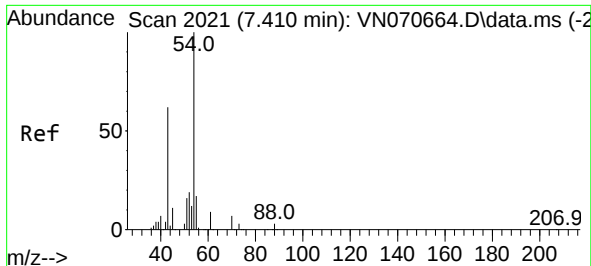
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022



#36
1,1-Dichloropropene
Concen: 52.599 ug/l
RT: 8.222 min Scan# 2324
Delta R.T. 0.002 min
Lab File: VN070903.D
Acq: 2 Feb 2022 19:51

Tgt Ion: 75 Resp: 644048
Ion Ratio Lower Upper
75 100
110 33.6 18.4 55.2
77 30.7 24.4 36.6





#37

Ethyl Acetate

Concen: 55.117 ug/l

RT: 7.415 min Scan# 2021

Delta R.T. 0.002 min

Lab File: VN070903.D

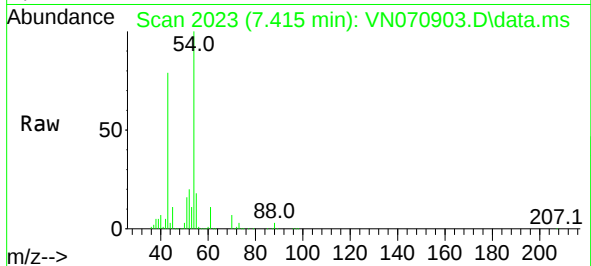
Acq: 2 Feb 2022 19:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



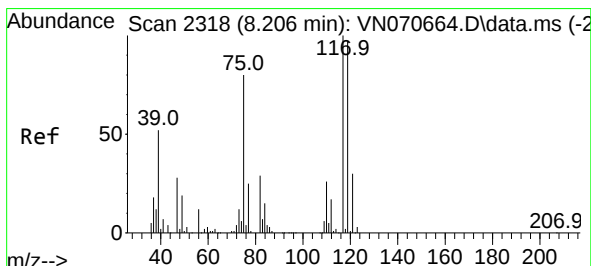
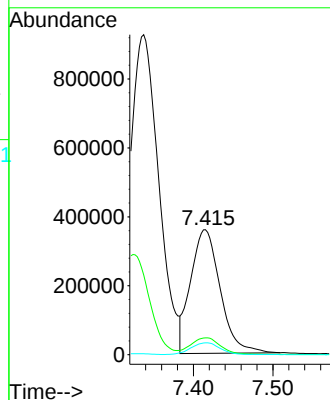
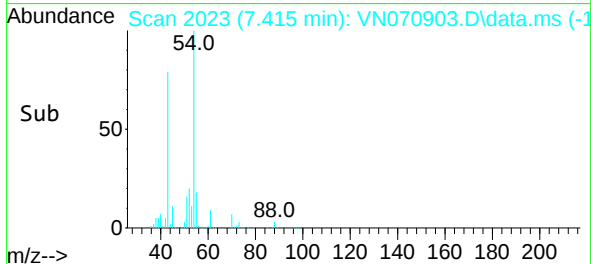
Tgt Ion:	43	Resp:	93014
Ion Ratio	Lower	Upper	
43	100		
61	13.5	11.5	17.3
70	9.3	7.9	11.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/03/2022

Supervised By :Mahesh Dadoda 02/04/2022



#38

Carbon Tetrachloride

Concen: 52.766 ug/l

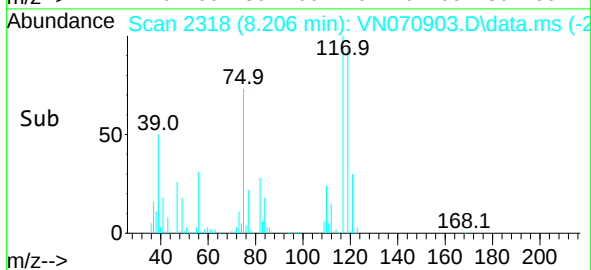
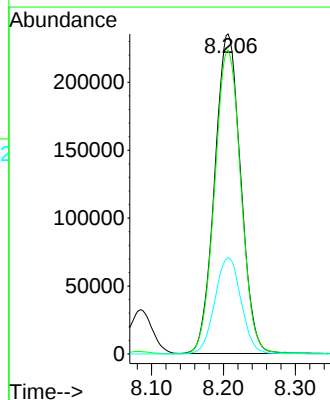
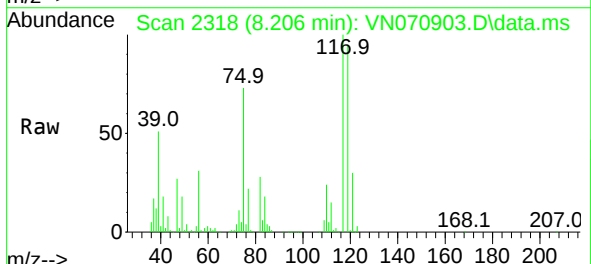
RT: 8.206 min Scan# 2318

Delta R.T. 0.000 min

Lab File: VN070903.D

Acq: 2 Feb 2022 19:51

Tgt Ion:	117	Resp:	590039
Ion Ratio	Lower	Upper	
117	100		
119	95.0	76.1	114.1
121	30.1	24.2	36.2





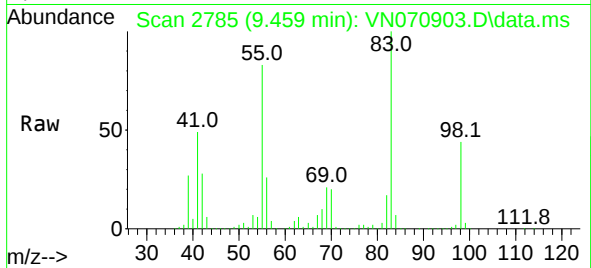
#39
Methylcyclohexane
Concen: 54.245 ug/l
RT: 9.459 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070903.D
Acq: 2 Feb 2022 19:51

Instrument :

MSVOA_N

ClientSampleId :

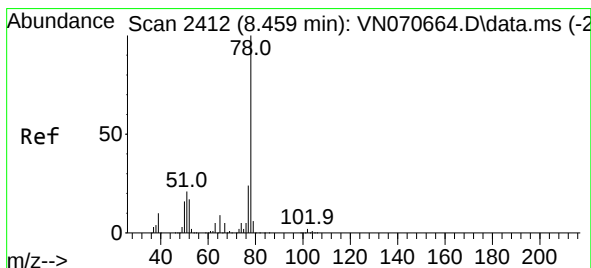
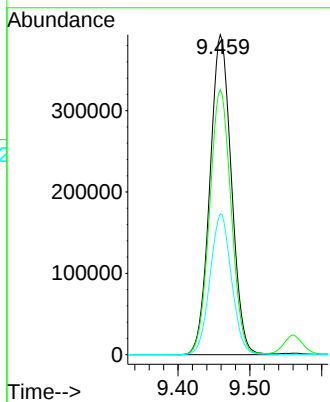
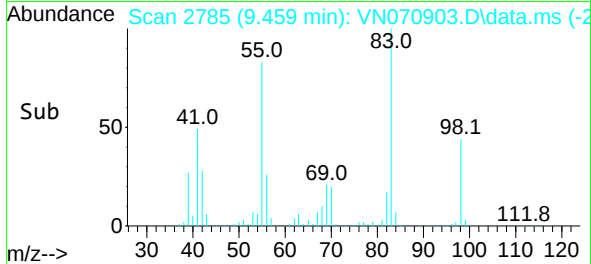
VSTDCCC050EC



Tgt Ion: 83 Resp: 81652
Ion Ratio Lower Upper
83 100
55 82.8 58.1 87.1
98 44.0 38.4 57.6

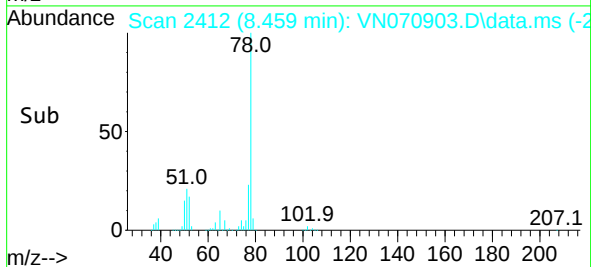
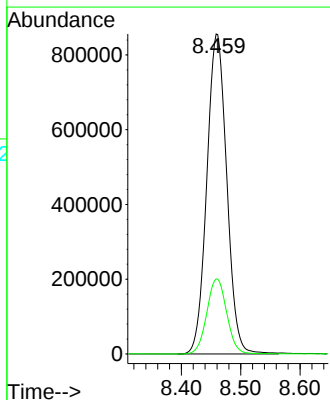
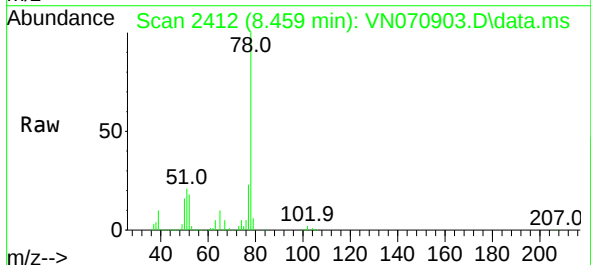
Manual Integrations
APPROVED

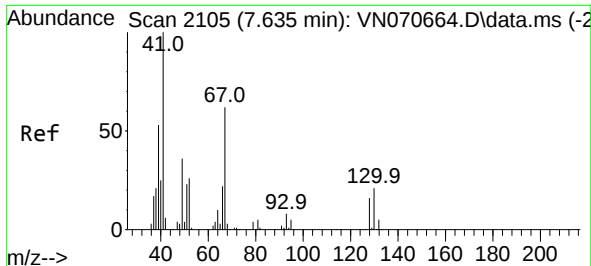
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022



#40
Benzene
Concen: 51.885 ug/l
RT: 8.459 min Scan# 2412
Delta R.T. -0.000 min
Lab File: VN070903.D
Acq: 2 Feb 2022 19:51

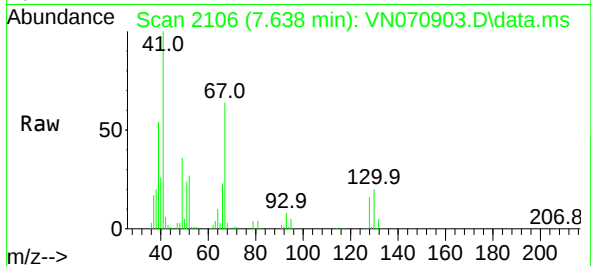
Tgt Ion: 78 Resp: 1995943
Ion Ratio Lower Upper
78 100
77 23.4 18.6 27.8





#41
Methacrylonitrile
Concen: 56.959 ug/l
RT: 7.638 min Scan# 2105
Delta R.T. 0.003 min
Lab File: VN070903.D
Acq: 2 Feb 2022 19:51

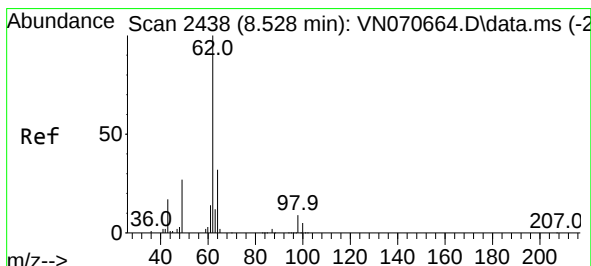
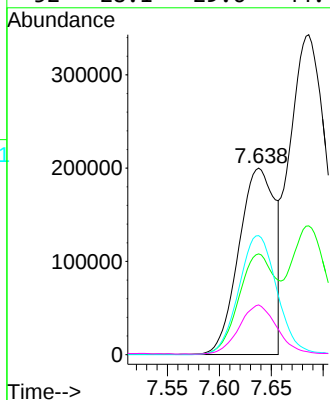
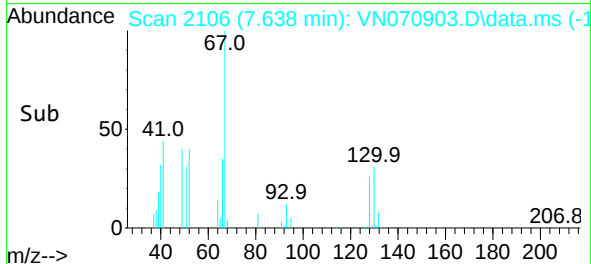
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 482960
Ion Ratio Lower Upper
41 100
39 55.2 48.1 72.1
67 68.3 68.3 102.5
52 28.1 29.6 44.4#

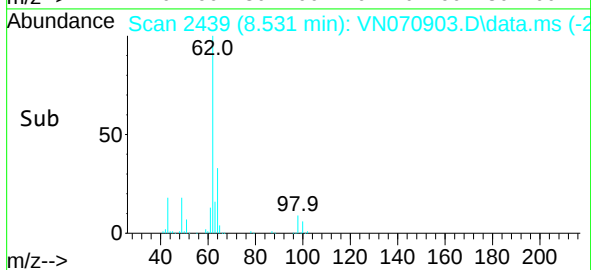
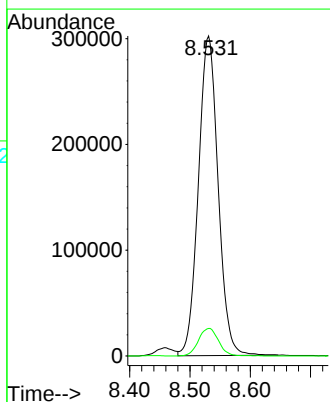
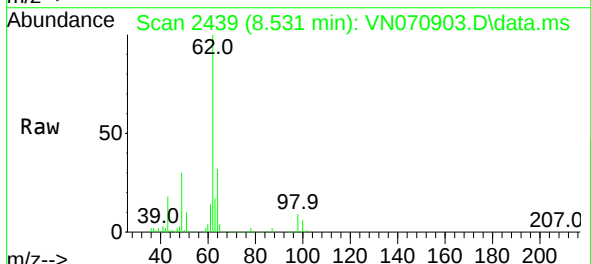
Manual Integrations
APPROVED

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



#42
1,2-Dichloroethane
Concen: 52.449 ug/l
RT: 8.531 min Scan# 2439
Delta R.T. 0.003 min
Lab File: VN070903.D
Acq: 2 Feb 2022 19:51

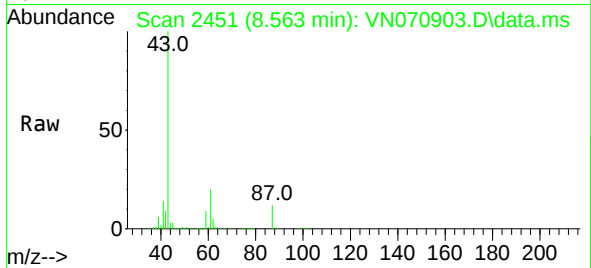
Tgt Ion: 62 Resp: 686865
Ion Ratio Lower Upper
62 100
98 8.8 0.0 17.6





#43
Isopropyl Acetate
Concen: 50.971 ug/l
RT: 8.563 min Scan# 2450
Delta R.T. 0.003 min
Lab File: VN070903.D
Acq: 2 Feb 2022 19:51

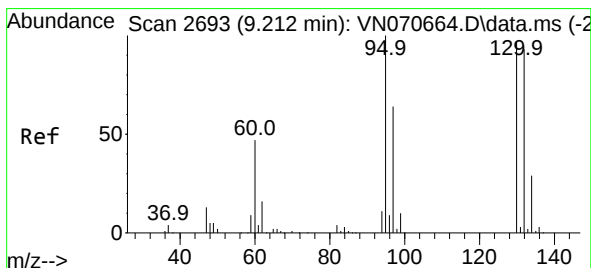
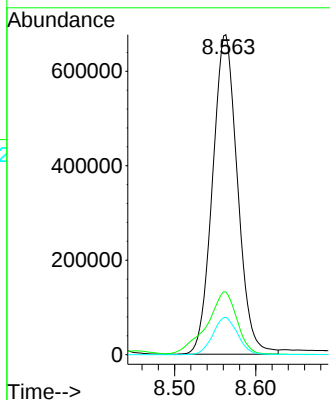
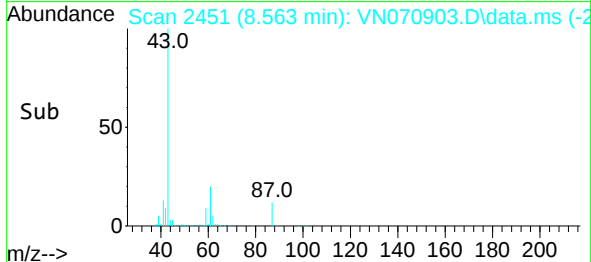
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 144602
Ion Ratio Lower Upper
43 100
61 23.8 20.4 30.6
87 11.6 11.2 16.8

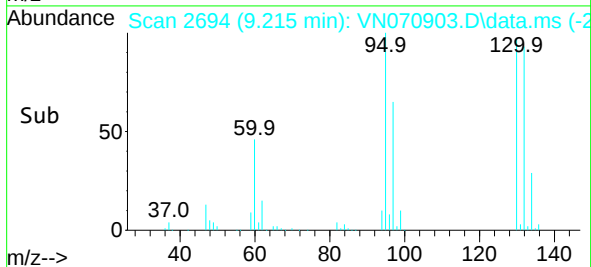
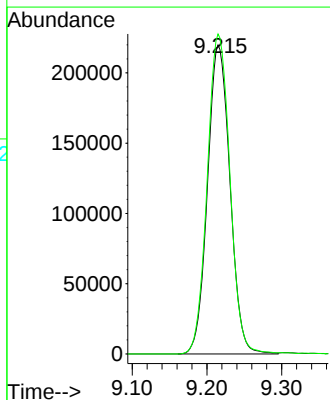
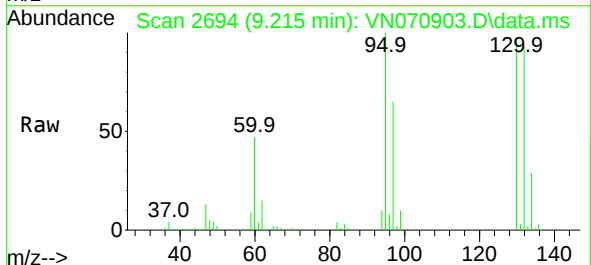
Manual Integrations
APPROVED

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



#44
Trichloroethene
Concen: 51.530 ug/l
RT: 9.215 min Scan# 2694
Delta R.T. -0.000 min
Lab File: VN070903.D
Acq: 2 Feb 2022 19:51

Tgt Ion:130 Resp: 458689
Ion Ratio Lower Upper
130 100
95 103.6 0.0 191.2





#45

1,2-Dichloropropane

Concen: 53.488 ug/l

RT: 9.488 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN070903.D

Acq: 2 Feb 2022 19:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 550984

Ion Ratio Lower Upper

63 100

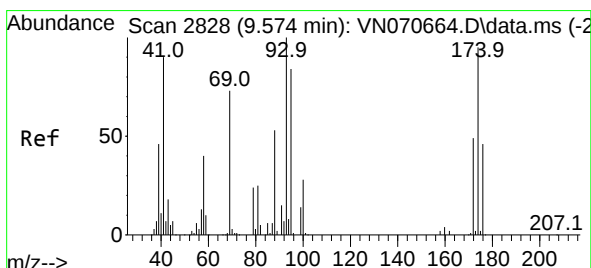
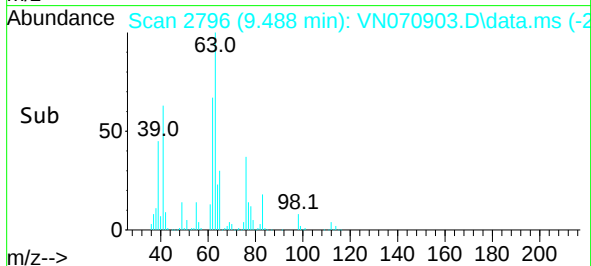
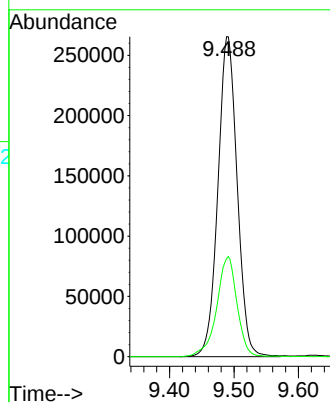
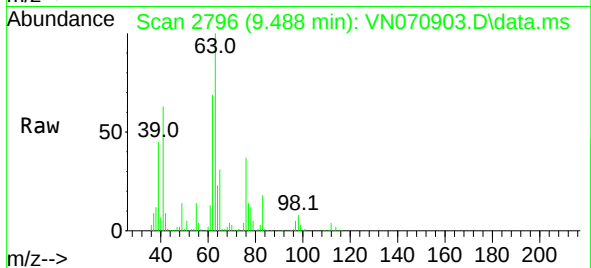
65 30.7 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/03/2022

Supervised By :Mahesh Dadoda 02/04/2022



#46

Dibromomethane

Concen: 53.104 ug/l

RT: 9.577 min Scan# 2829

Delta R.T. -0.000 min

Lab File: VN070903.D

Acq: 2 Feb 2022 19:51

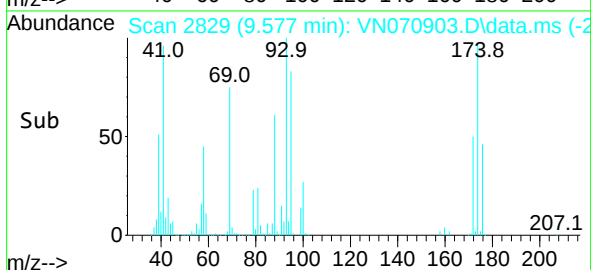
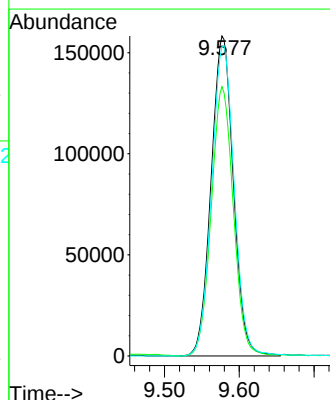
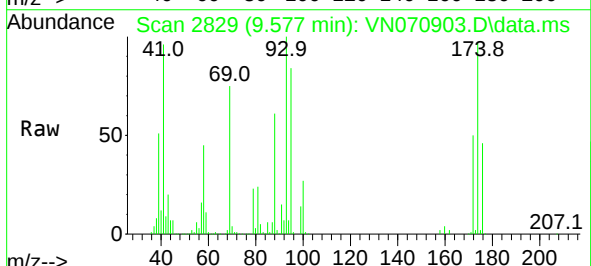
Tgt Ion: 93 Resp: 327697

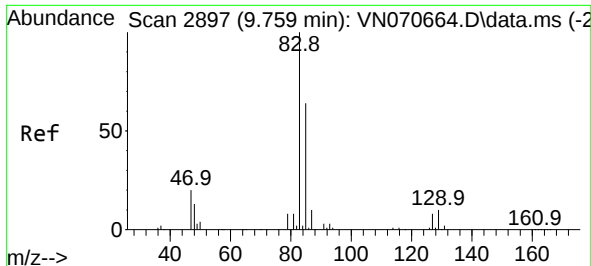
Ion Ratio Lower Upper

93 100

95 83.6 65.9 98.9

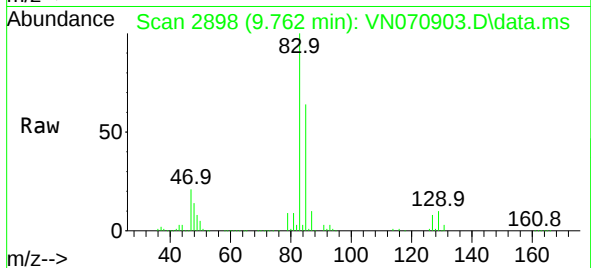
174 98.7 84.6 127.0





#47
Bromodichloromethane
Concen: 53.080 ug/l
RT: 9.762 min Scan# 2898
Delta R.T. -0.000 min
Lab File: VN070903.D
Acq: 2 Feb 2022 19:51

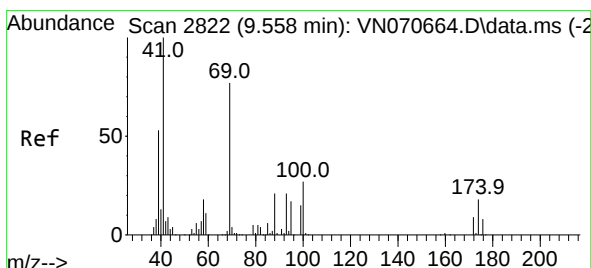
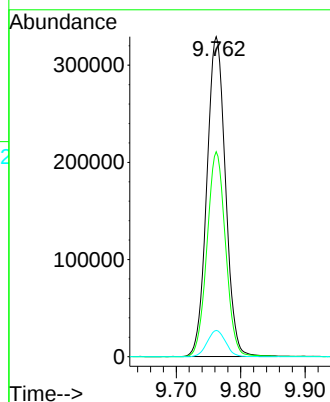
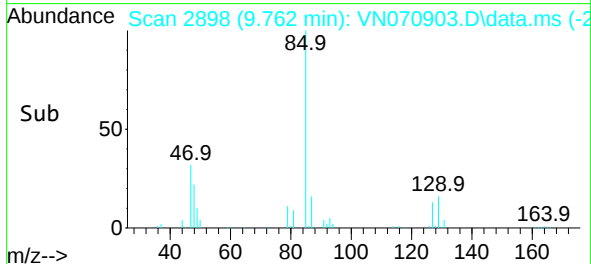
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 65978
Ion Ratio Lower Upper
83 100
85 64.1 50.9 76.3
127 8.2 7.1 10.7

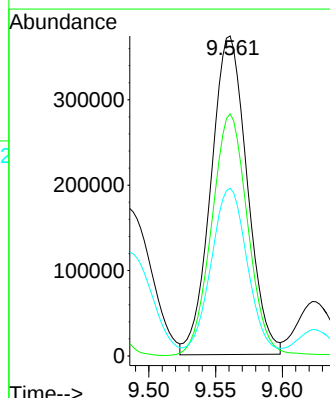
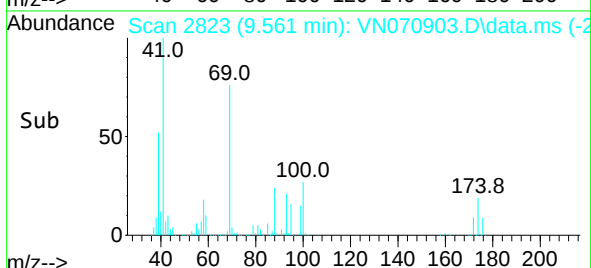
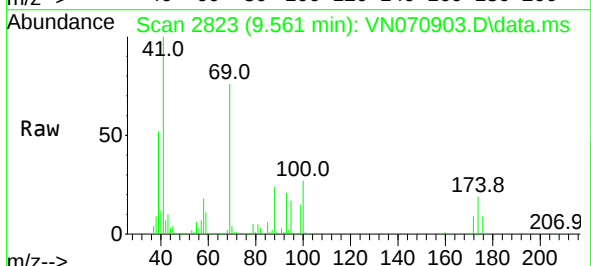
Manual Integrations
APPROVED

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



#48
Methyl methacrylate
Concen: 57.498 ug/l
RT: 9.561 min Scan# 2823
Delta R.T. 0.003 min
Lab File: VN070903.D
Acq: 2 Feb 2022 19:51

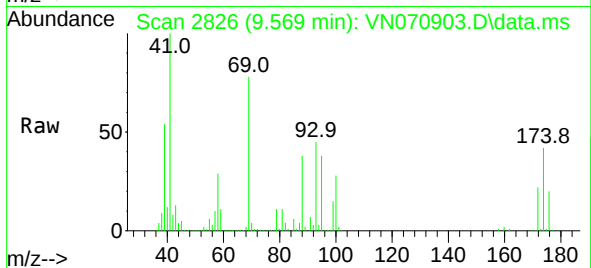
Tgt Ion: 41 Resp: 703284
Ion Ratio Lower Upper
41 100
69 76.0 72.4 108.6
39 49.1 58.4 87.6#





#49
1,4-Dioxane
Concen: 1146.218 ug/l
RT: 9.569 min Scan# 2826
Delta R.T. -0.000 min
Lab File: VN070903.D
Acq: 2 Feb 2022 19:51

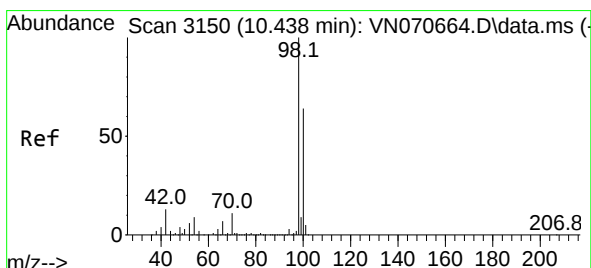
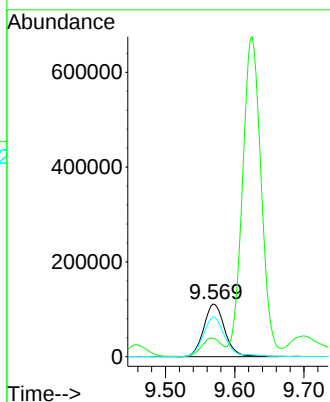
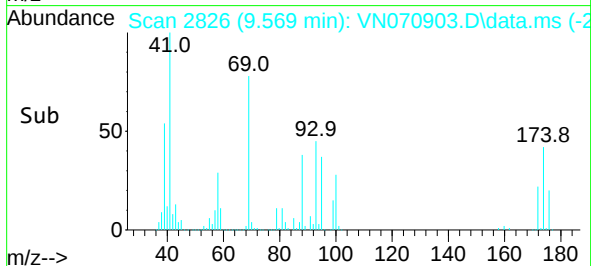
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



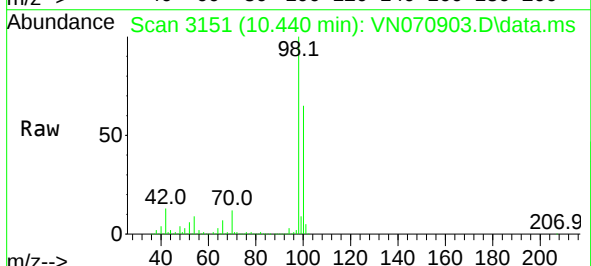
Tgt Ion: 88 Resp: 234862
Ion Ratio Lower Upper
88 100
43 33.2 23.4 35.2
58 75.3 50.6 75.8

Manual Integrations
APPROVED

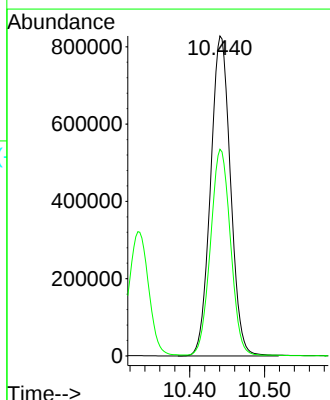
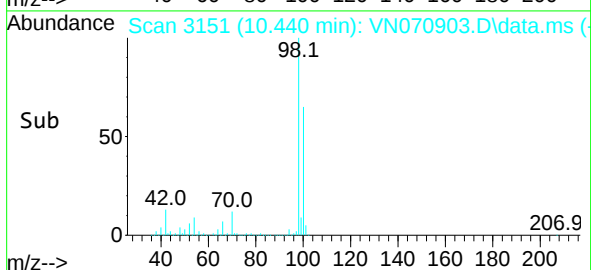
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022



#50
Toluene-d8
Concen: 49.614 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. -0.001 min
Lab File: VN070903.D
Acq: 2 Feb 2022 19:51



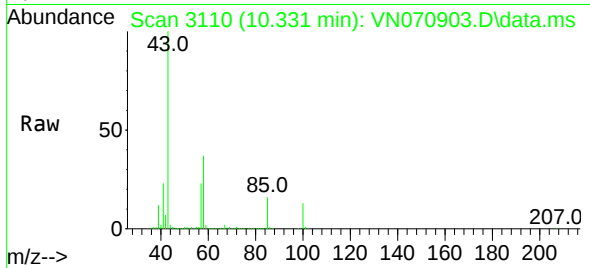
Tgt Ion: 98 Resp: 1535379
Ion Ratio Lower Upper
98 100
100 64.4 50.4 75.6





#51
4-Methyl-2-Pentanone
Concen: 283.089 ug/l
RT: 10.331 min Scan# 3110
Delta R.T. -0.000 min
Lab File: VN070903.D
Acq: 2 Feb 2022 19:51

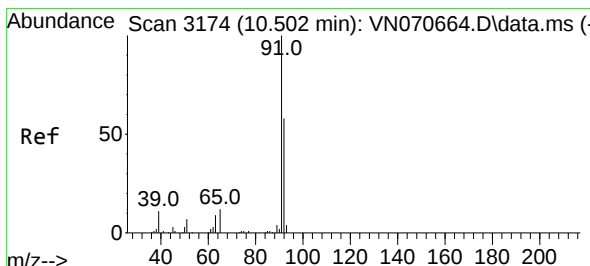
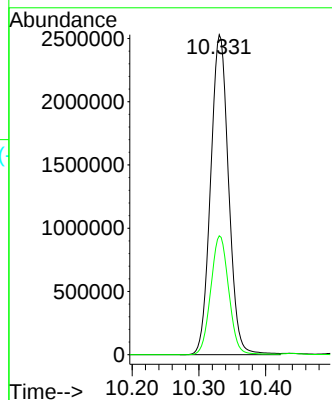
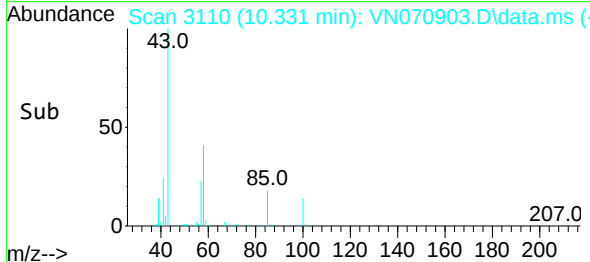
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 4727120
Ion Ratio Lower Upper
43 100
58 37.2 30.4 45.6

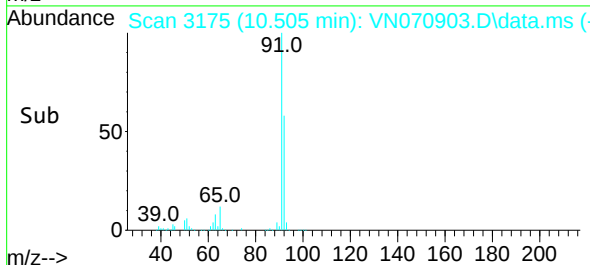
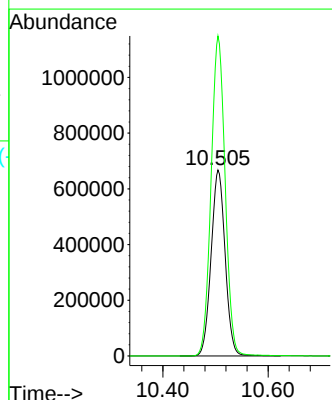
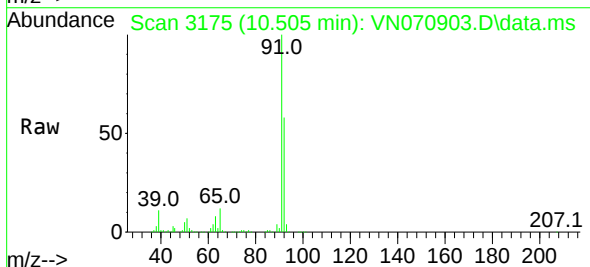
Manual Integrations
APPROVED

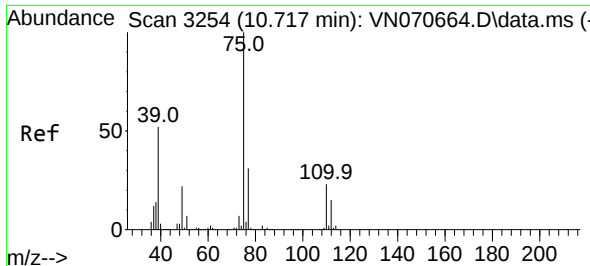
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022



#52
Toluene
Concen: 51.810 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.000 min
Lab File: VN070903.D
Acq: 2 Feb 2022 19:51

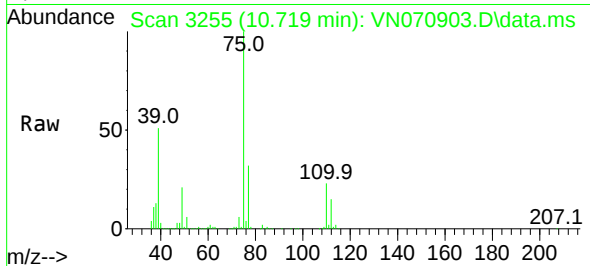
Tgt Ion: 92 Resp: 1234892
Ion Ratio Lower Upper
92 100
91 172.1 142.0 213.0





#53
t-1,3-Dichloropropene
Concen: 53.806 ug/l
RT: 10.719 min Scan# 31
Delta R.T. 0.002 min
Lab File: VN070903.D
Acq: 2 Feb 2022 19:51

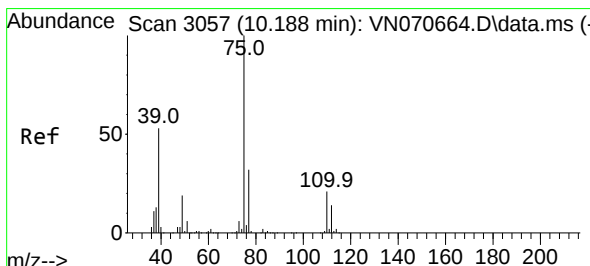
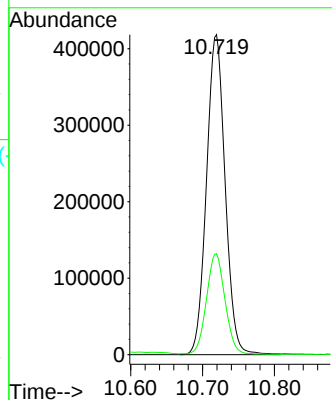
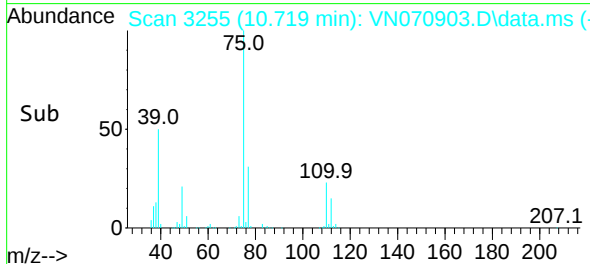
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 754780
Ion Ratio Lower Upper
75 100
77 31.4 25.6 38.4

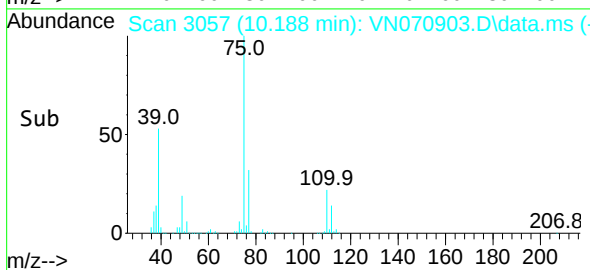
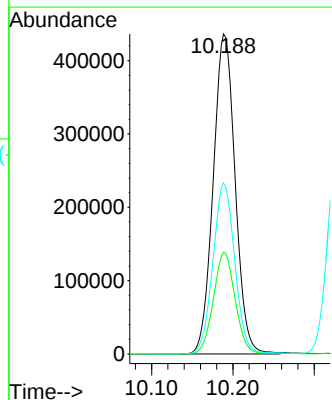
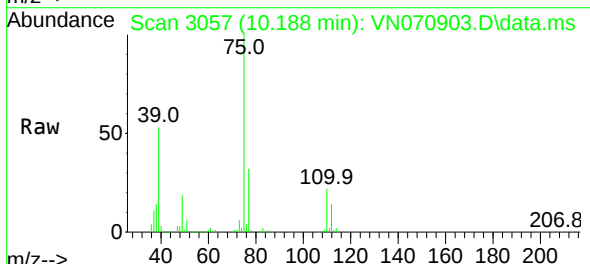
Manual Integrations
APPROVED

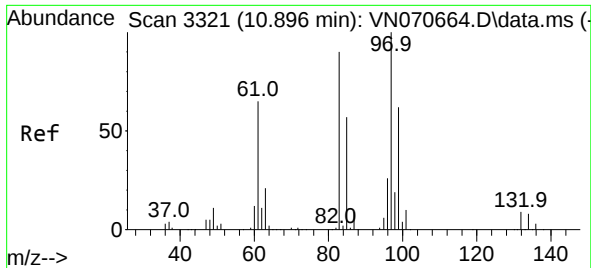
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022



#54
cis-1,3-Dichloropropene
Concen: 53.662 ug/l
RT: 10.188 min Scan# 3057
Delta R.T. 0.000 min
Lab File: VN070903.D
Acq: 2 Feb 2022 19:51

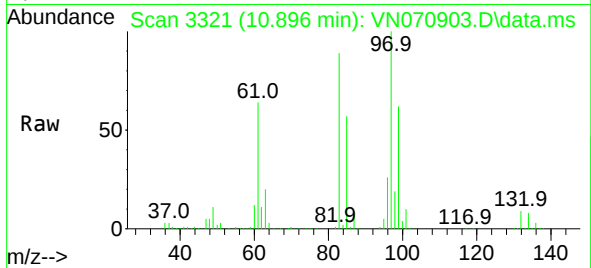
Tgt Ion: 75 Resp: 818724
Ion Ratio Lower Upper
75 100
77 31.8 26.4 39.6
39 53.4 42.5 63.7





#55
1,1,2-Trichloroethane
Concen: 52.820 ug/l
RT: 10.896 min Scan# 3321
Delta R.T. 0.000 min
Lab File: VN070903.D
Acq: 2 Feb 2022 19:51

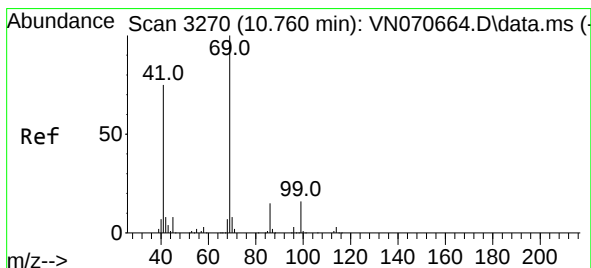
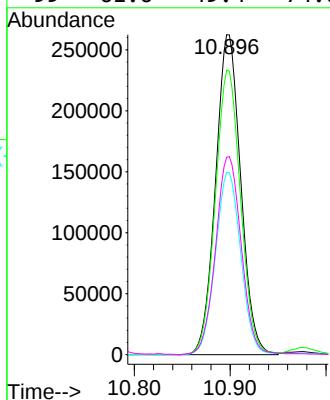
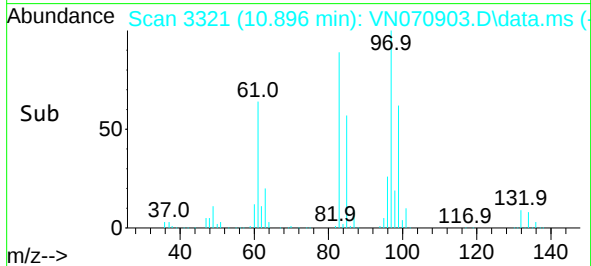
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



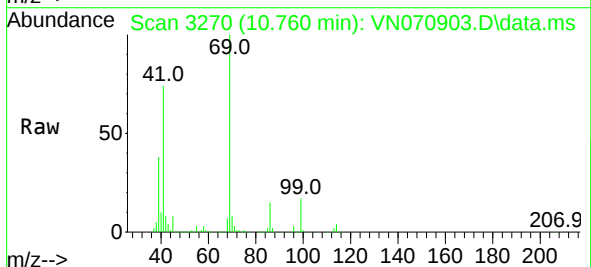
Tgt Ion: 97 Resp: 478140
Ion Ratio Lower Upper
97 100
83 89.0 67.8 101.6
85 57.0 45.4 68.2
99 61.6 49.4 74.0

Manual Integrations
APPROVED

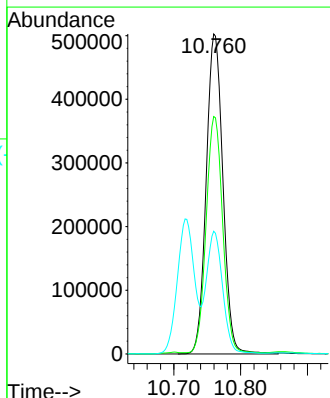
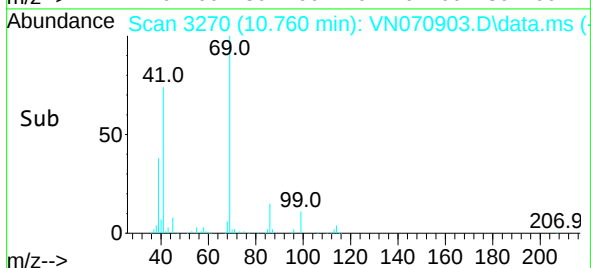
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022



#56
Ethyl methacrylate
Concen: 55.350 ug/l
RT: 10.760 min Scan# 3270
Delta R.T. -0.000 min
Lab File: VN070903.D
Acq: 2 Feb 2022 19:51



Tgt Ion: 69 Resp: 872678
Ion Ratio Lower Upper
69 100
41 73.0 51.4 77.0
39 36.7 34.6 52.0





#57

1,3-Dichloropropane

Concen: 53.622 ug/l

RT: 11.044 min Scan# 3376

Delta R.T. -0.000 min

Lab File: VN070903.D

Acq: 2 Feb 2022 19:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 849740

Ion Ratio Lower Upper

76 100

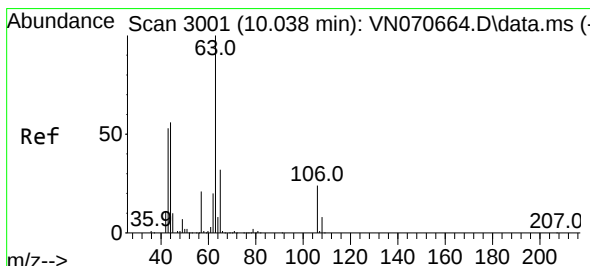
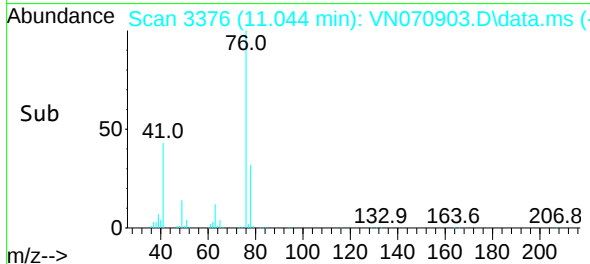
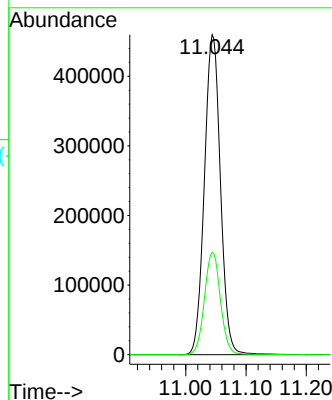
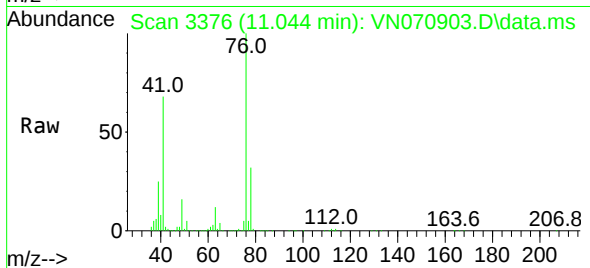
78 32.0 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/03/2022

Supervised By :Mahesh Dadoda 02/04/2022



#58

2-Chloroethyl Vinyl ether

Concen: 238.035 ug/l

RT: 10.041 min Scan# 3002

Delta R.T. -0.000 min

Lab File: VN070903.D

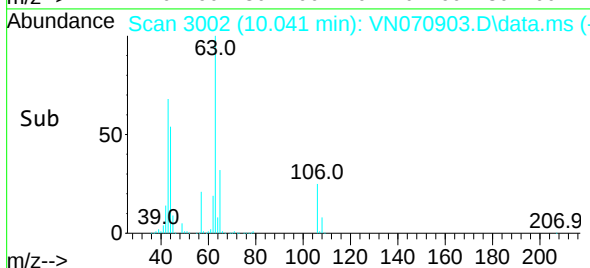
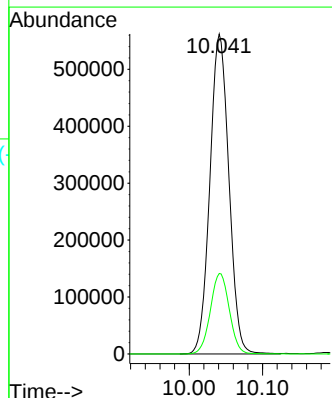
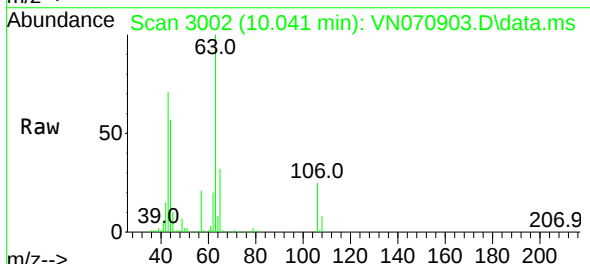
Acq: 2 Feb 2022 19:51

Tgt Ion: 63 Resp: 1011871

Ion Ratio Lower Upper

63 100

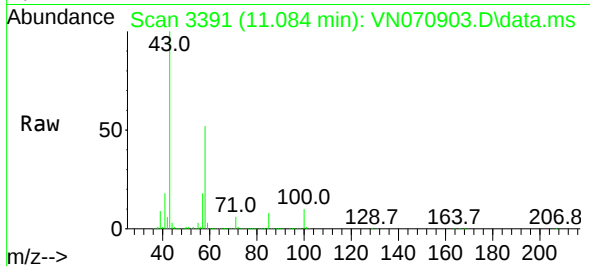
106 25.1 23.9 35.9





#59
2-Hexanone
Concen: 285.610 ug/l
RT: 11.084 min Scan# 3391
Delta R.T. 0.000 min
Lab File: VN070903.D
Acq: 2 Feb 2022 19:51

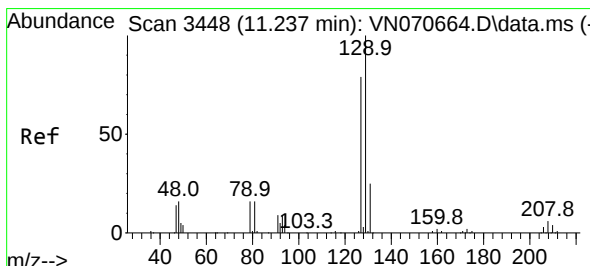
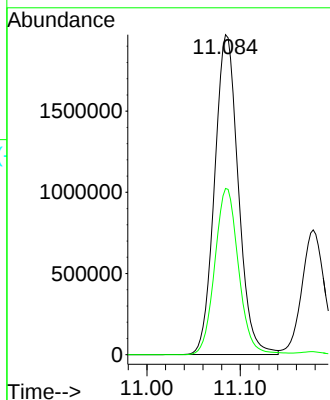
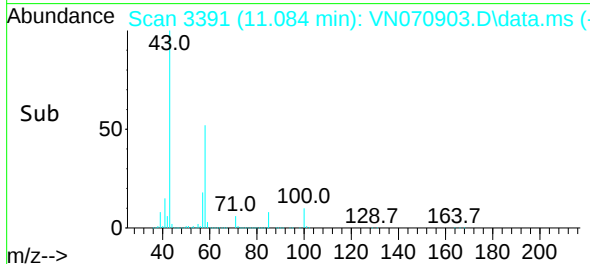
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 348207
Ion Ratio Lower Upper
43 100
58 52.2 26.9 80.7

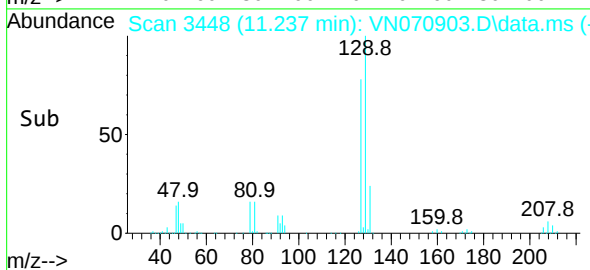
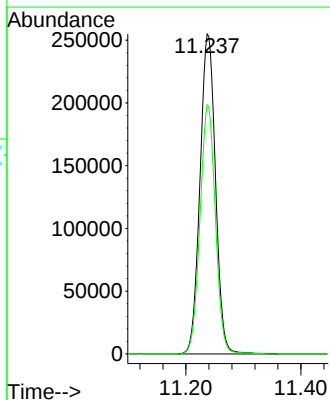
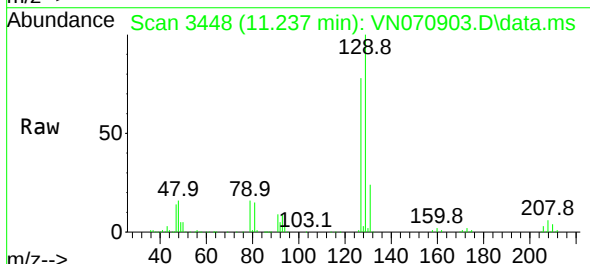
Manual Integrations
APPROVED

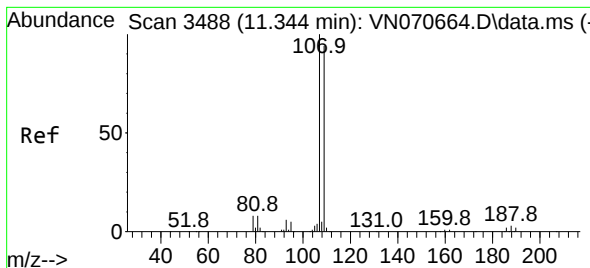
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022



#60
Dibromochloromethane
Concen: 53.160 ug/l
RT: 11.237 min Scan# 3448
Delta R.T. 0.000 min
Lab File: VN070903.D
Acq: 2 Feb 2022 19:51

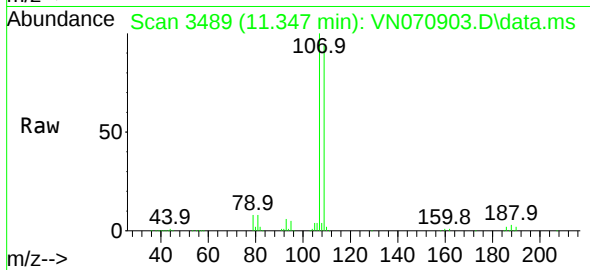
Tgt Ion:129 Resp: 477283
Ion Ratio Lower Upper
129 100
127 77.4 38.6 116.0





#61
1,2-Dibromoethane
Concen: 53.364 ug/l
RT: 11.347 min Scan# 3488
Delta R.T. 0.003 min
Lab File: VN070903.D
Acq: 2 Feb 2022 19:51

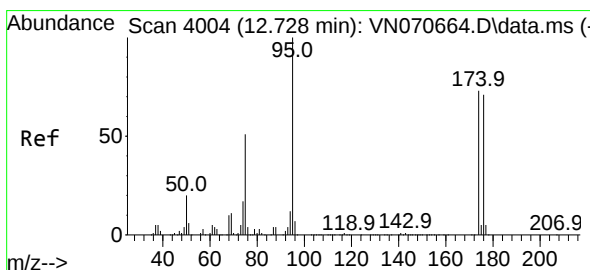
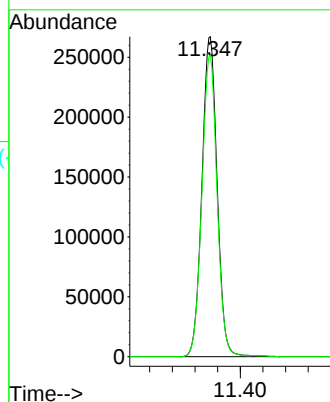
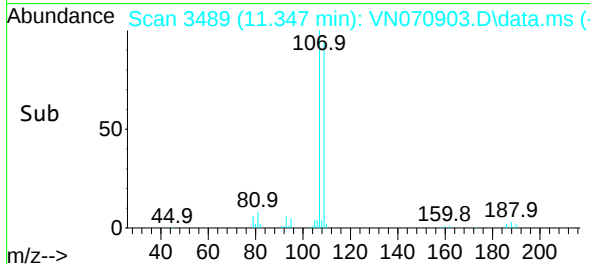
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



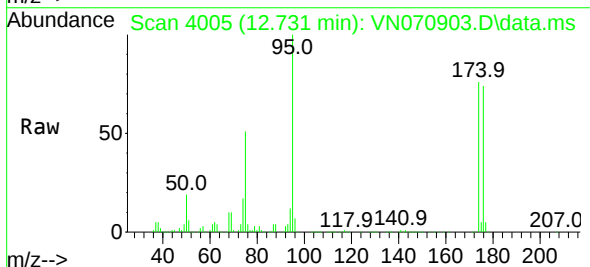
Tgt Ion:107 Resp: 496809
Ion Ratio Lower Upper
107 100
109 93.9 75.7 113.5

Manual Integrations
APPROVED

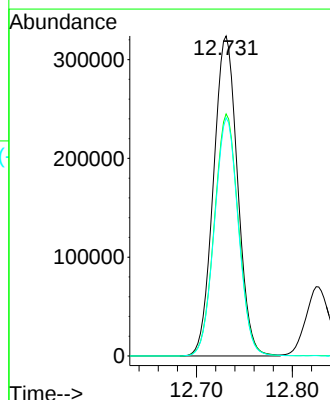
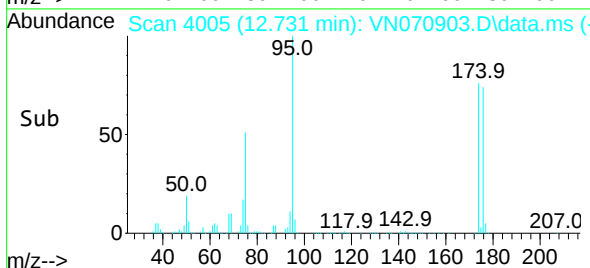
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022

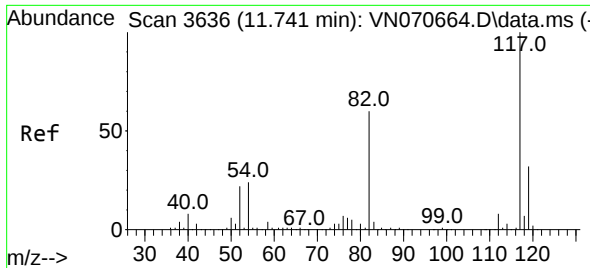


#62
4-Bromofluorobenzene
Concen: 50.696 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070903.D
Acq: 2 Feb 2022 19:51



Tgt Ion: 95 Resp: 565298
Ion Ratio Lower Upper
95 100
174 75.7 0.0 187.2
176 74.0 0.0 181.4





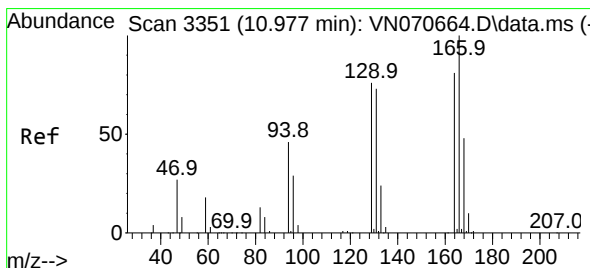
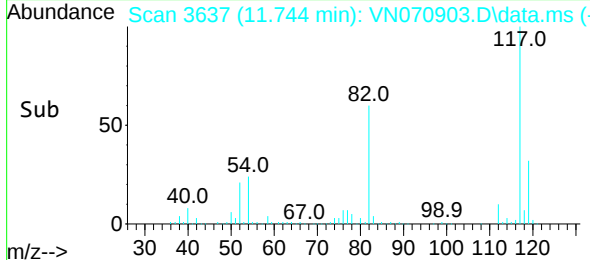
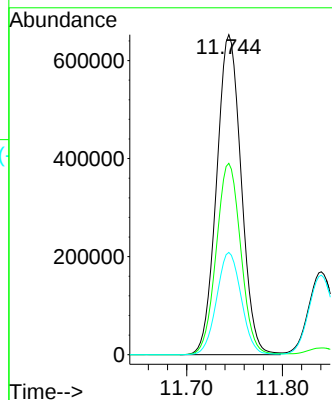
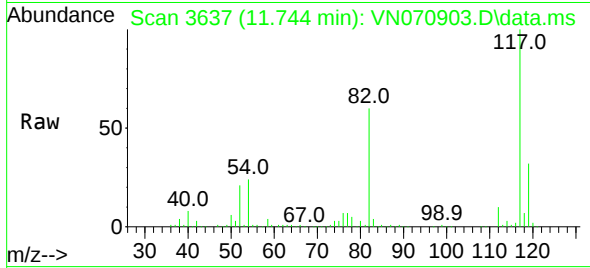
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.000 min
Lab File: VN070903.D
Acq: 2 Feb 2022 19:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:117 Resp: 116175
Ion Ratio Lower Upper
117 100
82 59.8 42.4 63.6
119 32.0 25.4 38.2

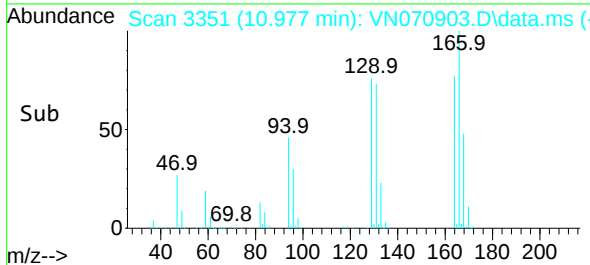
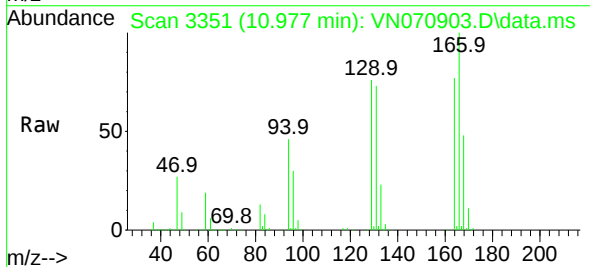
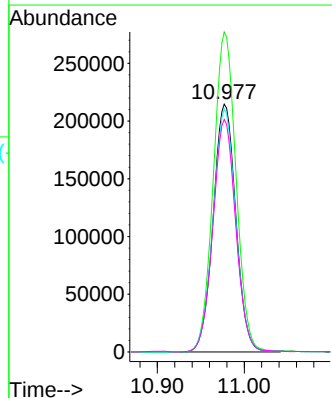
Manual Integrations
APPROVED

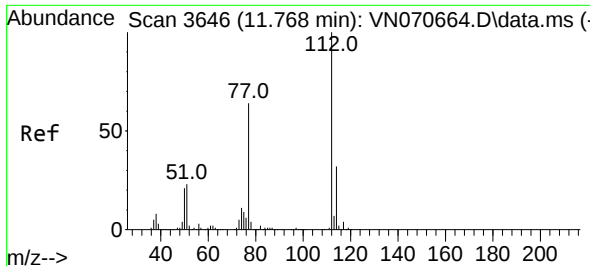
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022



#64
Tetrachloroethene
Concen: 51.131 ug/l
RT: 10.977 min Scan# 3351
Delta R.T. -0.000 min
Lab File: VN070903.D
Acq: 2 Feb 2022 19:51

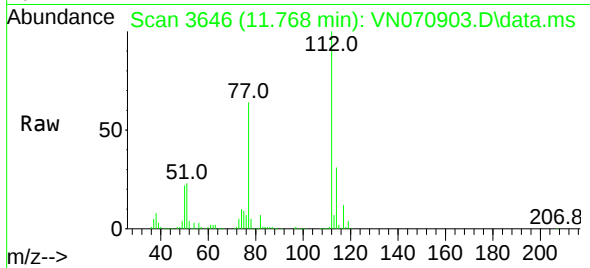
Tgt Ion:164 Resp: 388796
Ion Ratio Lower Upper
164 100
166 129.1 101.9 152.9
129 98.1 72.0 108.0
131 93.8 70.9 106.3





#65
Chlorobenzene
Concen: 52.004 ug/l
RT: 11.768 min Scan# 3646
Delta R.T. 0.000 min
Lab File: VN070903.D
Acq: 2 Feb 2022 19:51

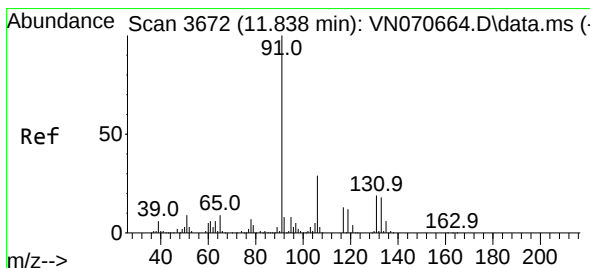
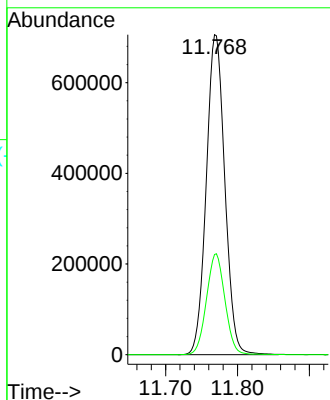
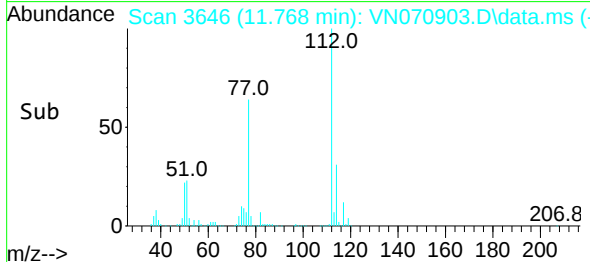
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



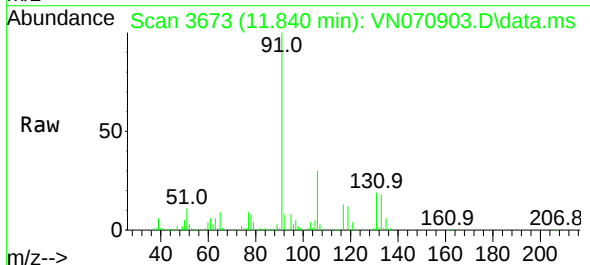
Tgt Ion:112 Resp: 126448
Ion Ratio Lower Upper
112 100
114 31.3 25.4 38.0

Manual Integrations
APPROVED

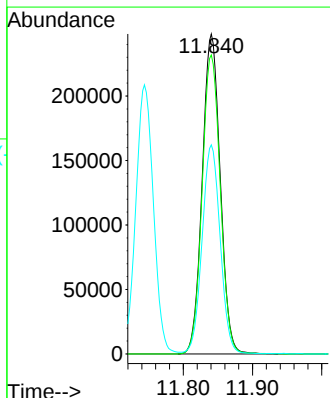
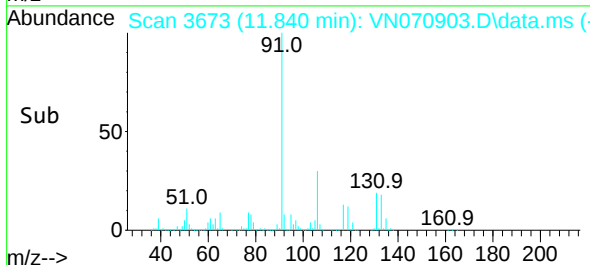
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022

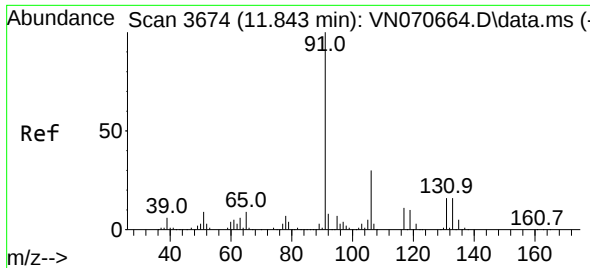


#66
1,1,1,2-Tetrachloroethane
Concen: 52.819 ug/l
RT: 11.840 min Scan# 3673
Delta R.T. -0.001 min
Lab File: VN070903.D
Acq: 2 Feb 2022 19:51



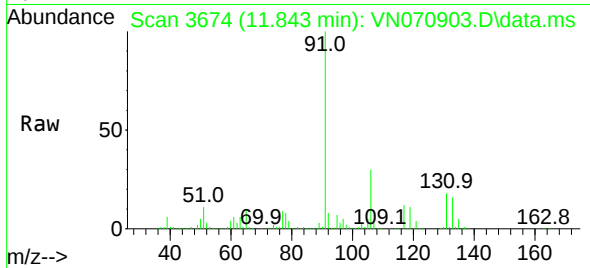
Tgt Ion:131 Resp: 448246
Ion Ratio Lower Upper
131 100
133 94.2 47.9 143.7
119 65.4 32.1 96.5





#67
Ethyl Benzene
Concen: 53.571 ug/l
RT: 11.843 min Scan# 30
Delta R.T. 0.000 min
Lab File: VN070903.D
Acq: 2 Feb 2022 19:51

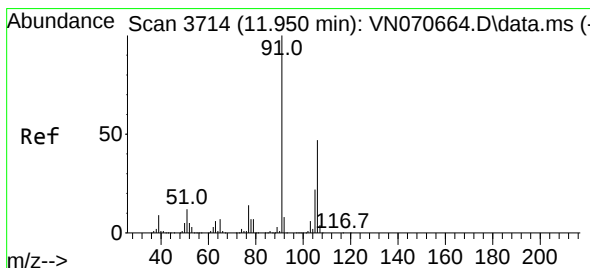
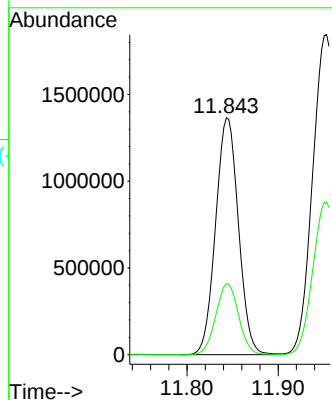
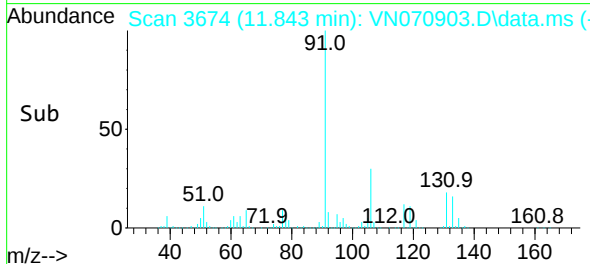
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



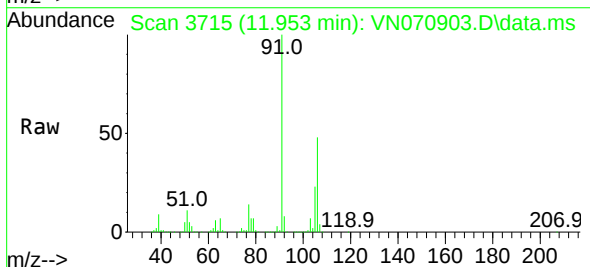
Tgt Ion: 91 Resp: 2374534
Ion Ratio Lower Upper
91 100
106 30.0 25.7 38.5

Manual Integrations
APPROVED

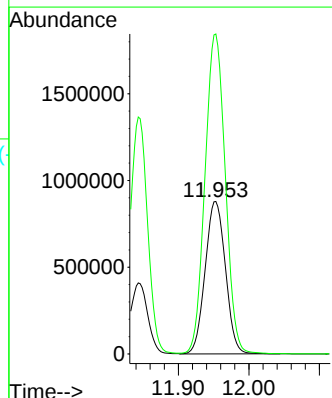
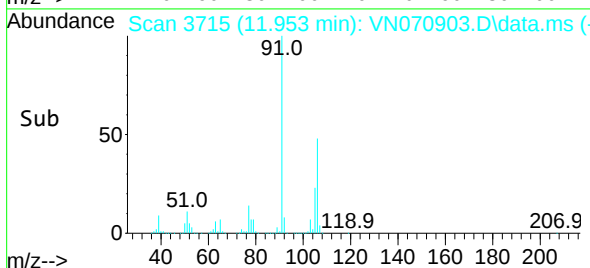
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022



#68
m/p-Xylenes
Concen: 106.773 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. 0.000 min
Lab File: VN070903.D
Acq: 2 Feb 2022 19:51



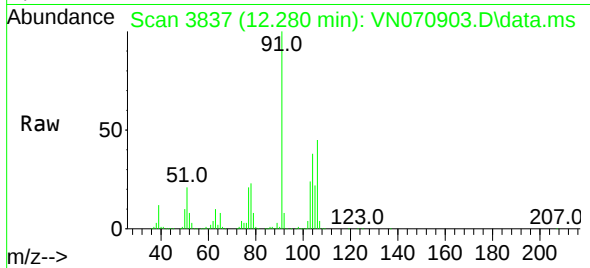
Tgt Ion:106 Resp: 1753565
Ion Ratio Lower Upper
106 100
91 210.2 160.6 240.8





#69
o-Xylene
Concen: 52.783 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. 0.000 min
Lab File: VN070903.D
Acq: 2 Feb 2022 19:51

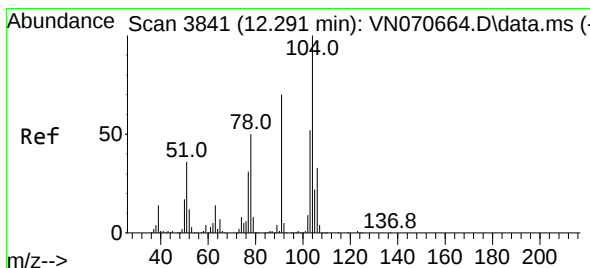
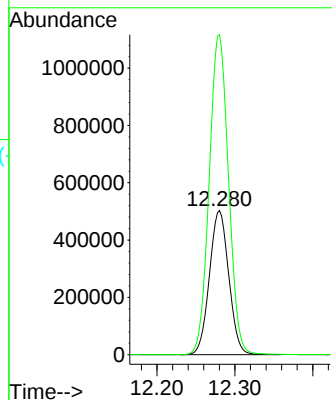
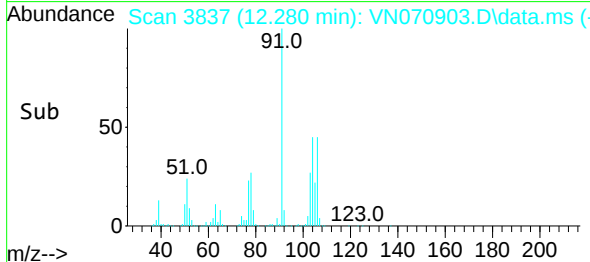
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:106 Resp: 867594
Ion Ratio Lower Upper
106 100
91 222.1 105.8 317.3

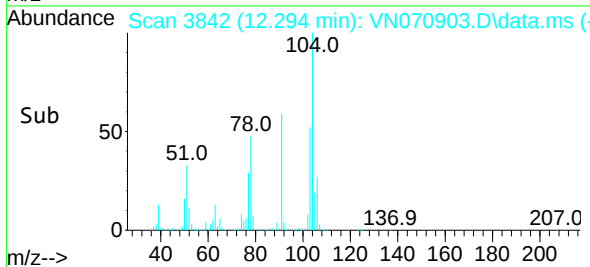
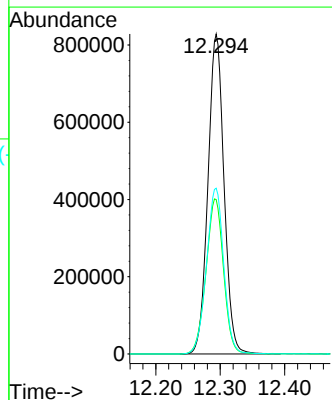
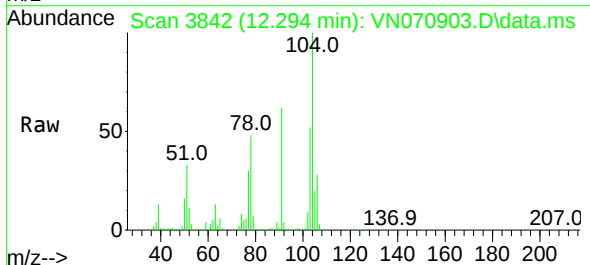
Manual Integrations
APPROVED

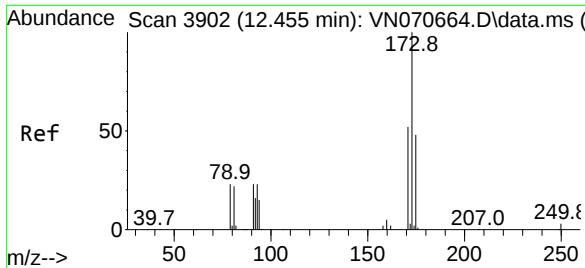
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022



#70
Styrene
Concen: 55.380 ug/l
RT: 12.294 min Scan# 3842
Delta R.T. -0.000 min
Lab File: VN070903.D
Acq: 2 Feb 2022 19:51

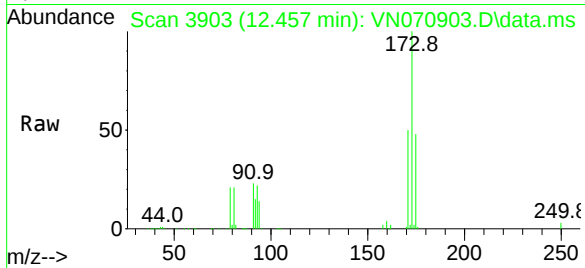
Tgt Ion:104 Resp: 1434640
Ion Ratio Lower Upper
104 100
78 52.7 38.7 58.1
103 55.8 45.0 67.6





#71
Bromoform
Concen: 53.058 ug/l
RT: 12.457 min Scan# 3902
Delta R.T. 0.000 min
Lab File: VN070903.D
Acq: 2 Feb 2022 19:51

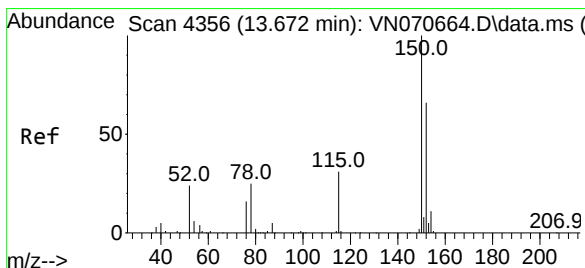
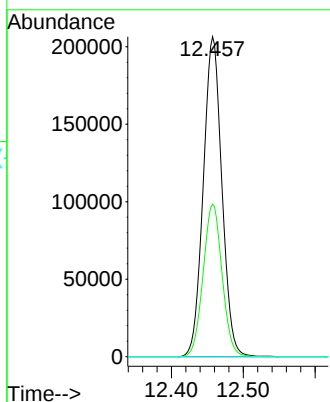
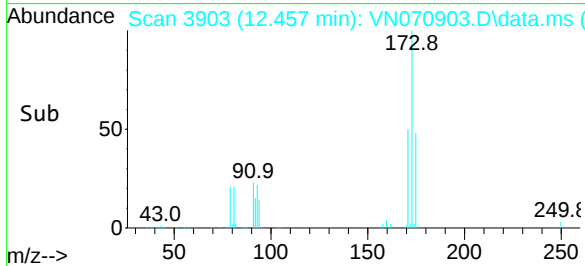
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



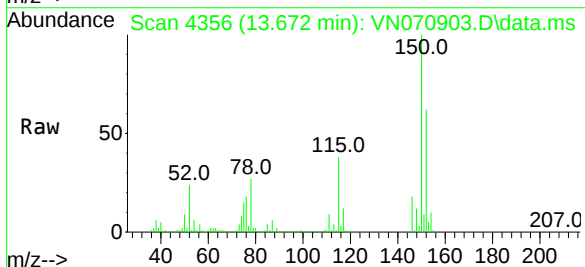
Tgt Ion:173 Resp: 371779
Ion Ratio Lower Upper
173 100
175 48.6 24.2 72.6
254 0.0 0.0 0.0

Manual Integrations
APPROVED

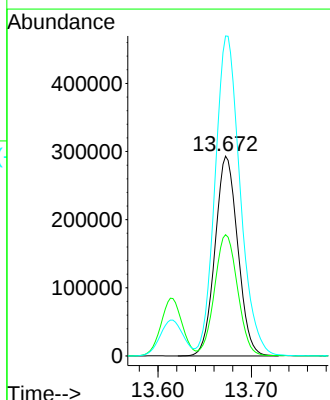
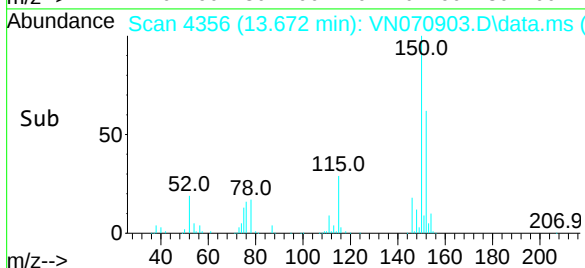
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022

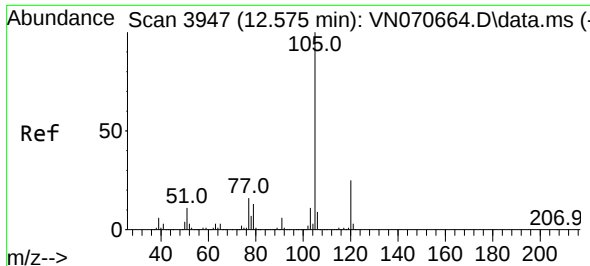


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.672 min Scan# 4356
Delta R.T. 0.000 min
Lab File: VN070903.D
Acq: 2 Feb 2022 19:51



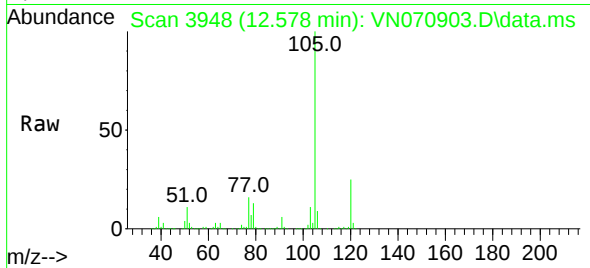
Tgt Ion:152 Resp: 496868
Ion Ratio Lower Upper
152 100
115 61.4 27.5 82.5
150 176.3 0.0 344.4





#73
Isopropylbenzene
Concen: 52.187 ug/l
RT: 12.578 min Scan# 3947
Delta R.T. 0.000 min
Lab File: VN070903.D
Acq: 2 Feb 2022 19:51

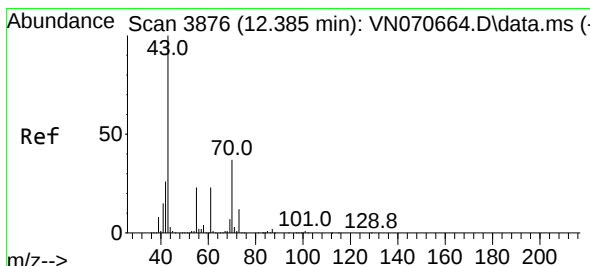
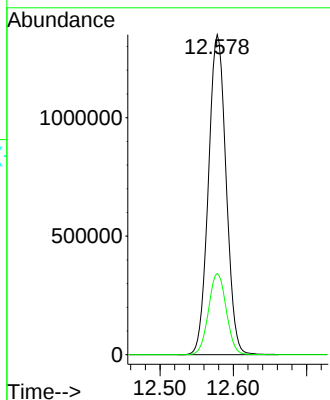
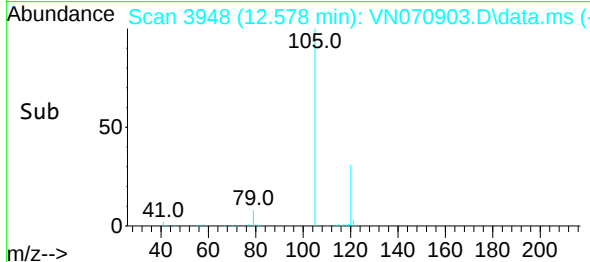
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:105 Resp: 226236
Ion Ratio Lower Upper
105 100
120 25.5 13.4 40.1

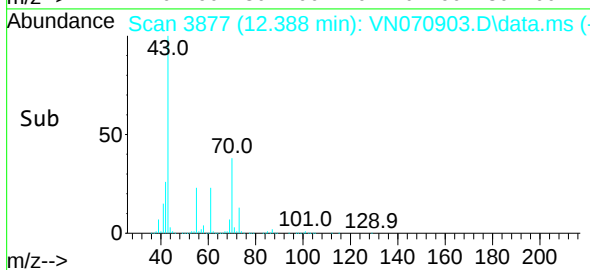
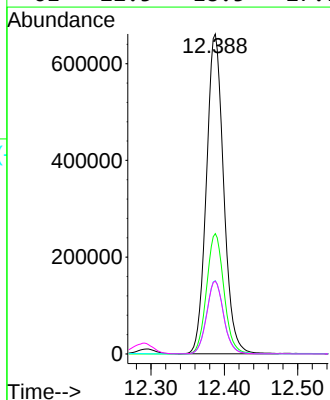
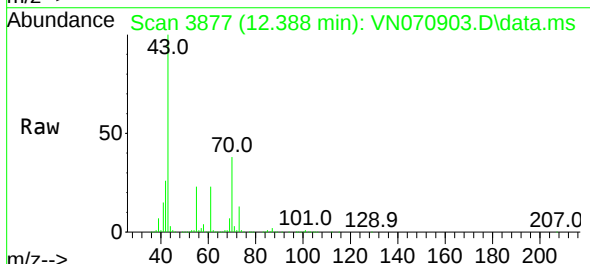
Manual Integrations
APPROVED

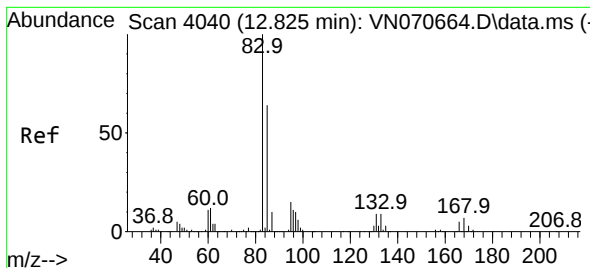
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022



#74
N-ethyl acetate
Concen: 55.663 ug/l
RT: 12.388 min Scan# 3877
Delta R.T. -0.000 min
Lab File: VN070903.D
Acq: 2 Feb 2022 19:51

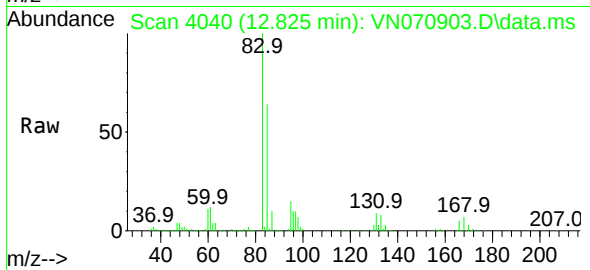
Tgt Ion: 43 Resp: 1080715
Ion Ratio Lower Upper
43 100
70 38.0 33.4 50.0
55 22.8 19.3 28.9
61 22.5 18.5 27.7





#75
1,1,2,2-Tetrachloroethane
Concen: 52.356 ug/l
RT: 12.825 min Scan# 4040
Delta R.T. -0.000 min
Lab File: VN070903.D
Acq: 2 Feb 2022 19:51

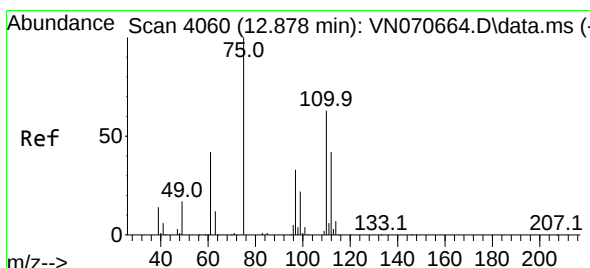
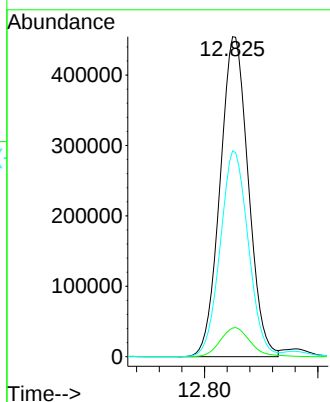
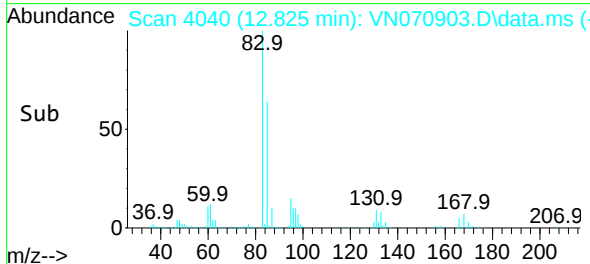
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



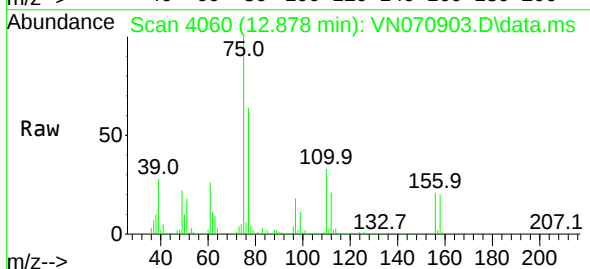
Tgt Ion: 83 Resp: 786185
Ion Ratio Lower Upper
83 100
131 9.7 5.5 16.5
85 64.1 32.4 97.2

Manual Integrations
APPROVED

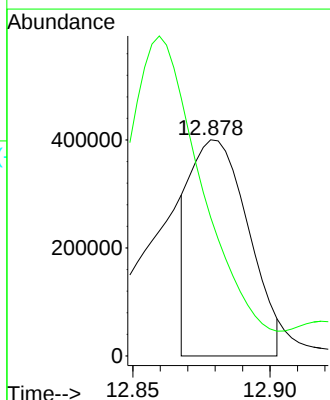
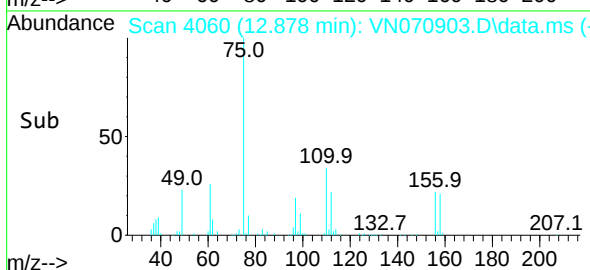
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022

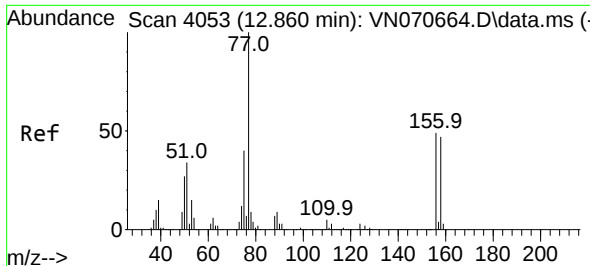


#76
1,2,3-Trichloropropane
Concen: 48.937 ug/l m
RT: 12.878 min Scan# 4060
Delta R.T. 0.000 min
Lab File: VN070903.D
Acq: 2 Feb 2022 19:51



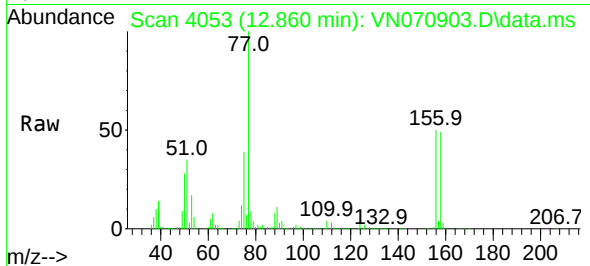
Tgt Ion: 75 Resp: 585260
Ion Ratio Lower Upper
75 100
77 206.3 82.6 247.8





#77
Bromobenzene
Concen: 50.122 ug/l
RT: 12.860 min Scan# 4053
Delta R.T. -0.000 min
Lab File: VN070903.D
Acq: 2 Feb 2022 19:51

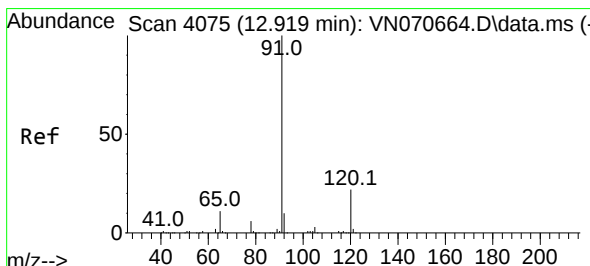
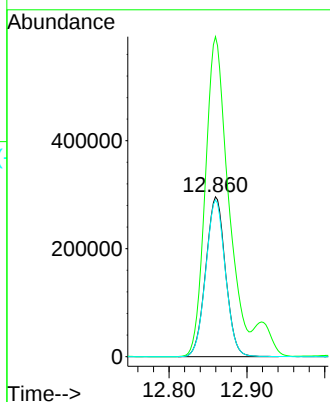
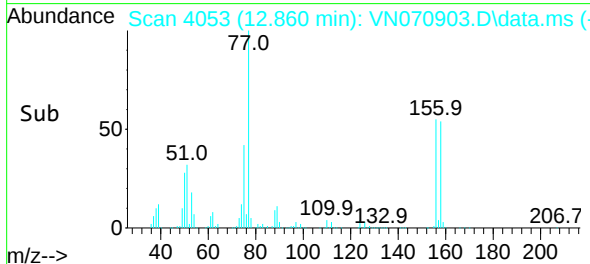
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:156 Resp: 52089
Ion Ratio Lower Upper
156 100
77 231.8 90.6 271.8
158 97.9 48.9 146.7

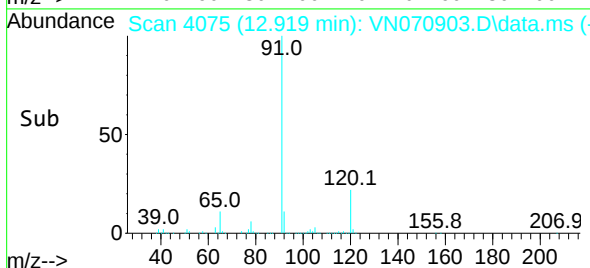
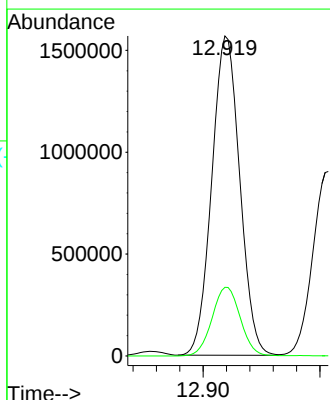
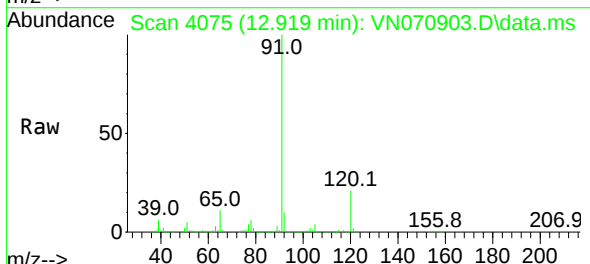
Manual Integrations
APPROVED

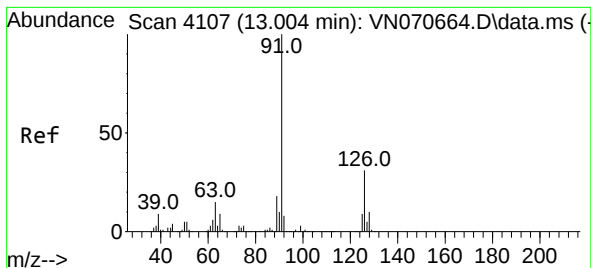
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022



#78
n-propylbenzene
Concen: 52.688 ug/l
RT: 12.919 min Scan# 4075
Delta R.T. -0.000 min
Lab File: VN070903.D
Acq: 2 Feb 2022 19:51

Tgt Ion: 91 Resp: 2604837
Ion Ratio Lower Upper
91 100
120 21.8 11.9 35.9





#79

2-Chlorotoluene

Concen: 51.647 ug/l

RT: 13.007 min Scan# 4107

Delta R.T. 0.000 min

Lab File: VN070903.D

Acq: 2 Feb 2022 19:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 1587740

Ion Ratio Lower Upper

91 100

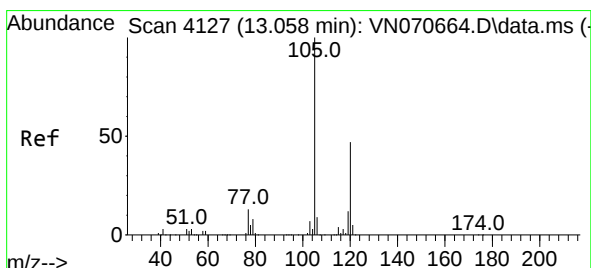
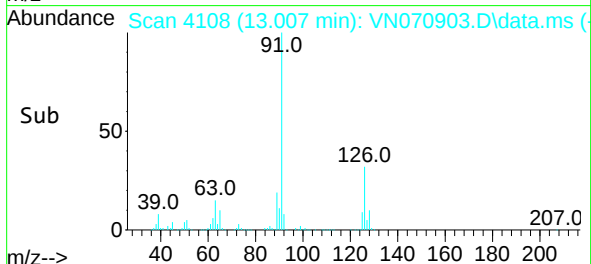
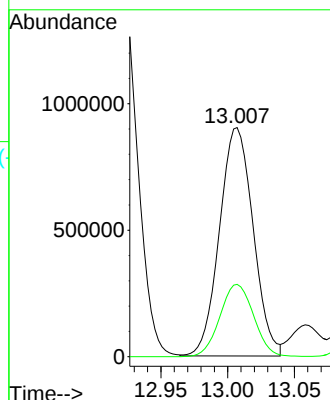
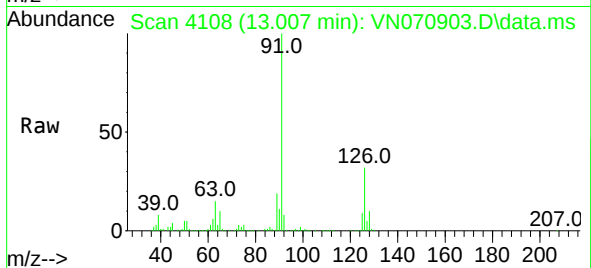
126 31.8 18.3 54.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/03/2022

Supervised By :Mahesh Dadoda 02/04/2022



#80

1,3,5-Trimethylbenzene

Concen: 52.977 ug/l

RT: 13.058 min Scan# 4127

Delta R.T. 0.000 min

Lab File: VN070903.D

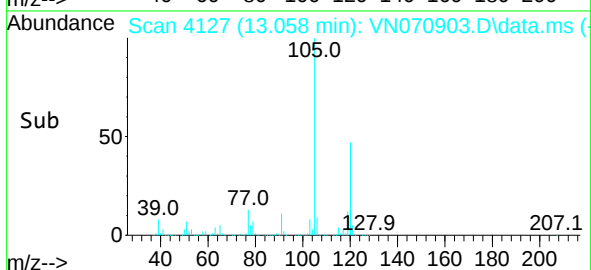
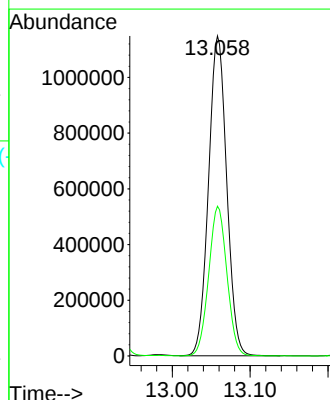
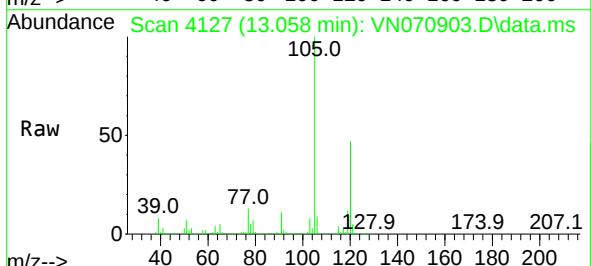
Acq: 2 Feb 2022 19:51

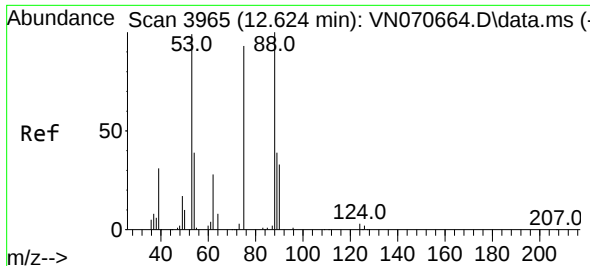
Tgt Ion:105 Resp: 1861730

Ion Ratio Lower Upper

105 100

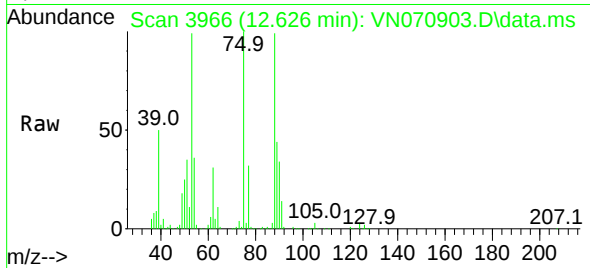
120 47.0 24.6 73.6





#81
trans-1,4-Dichloro-2-butene
Concen: 55.445 ug/l
RT: 12.626 min Scan# 3965
Delta R.T. 0.002 min
Lab File: VN070903.D
Acq: 2 Feb 2022 19:51

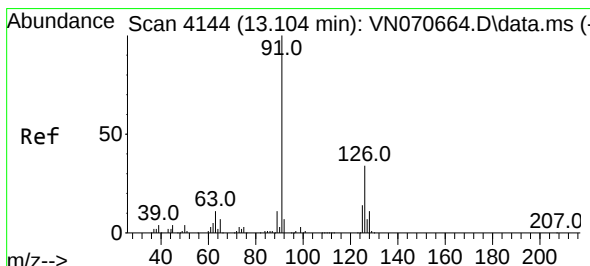
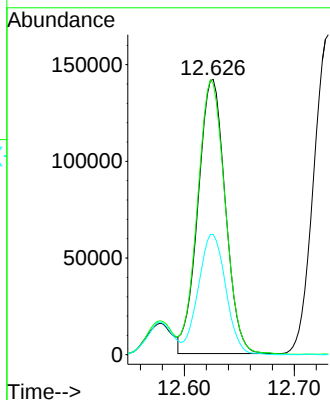
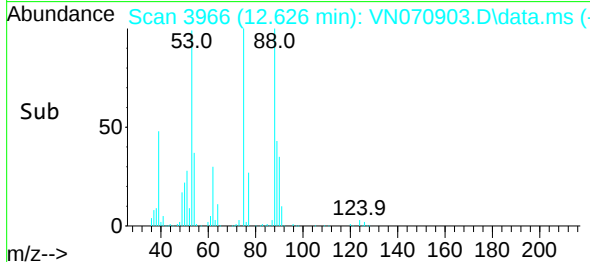
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 244627
Ion Ratio Lower Upper
75 100
53 101.7 90.5 135.7
89 44.4 38.2 57.4

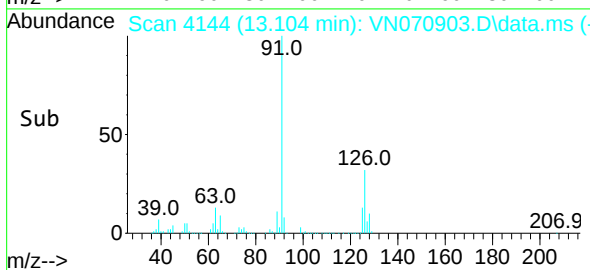
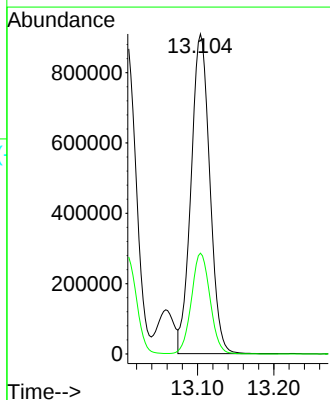
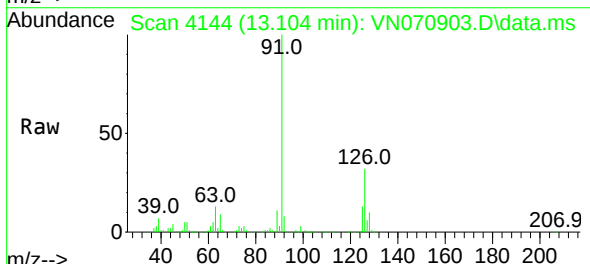
Manual Integrations
APPROVED

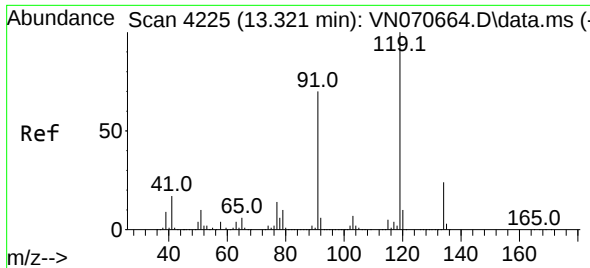
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022



#82
4-Chlorotoluene
Concen: 52.139 ug/l
RT: 13.104 min Scan# 4144
Delta R.T. -0.000 min
Lab File: VN070903.D
Acq: 2 Feb 2022 19:51

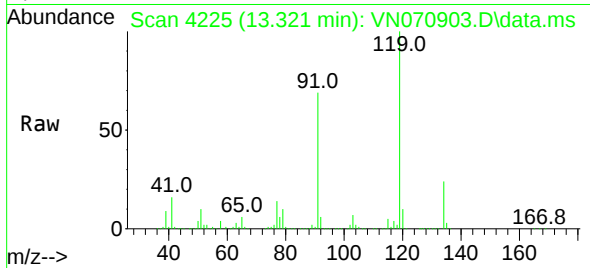
Tgt Ion: 91 Resp: 1544803
Ion Ratio Lower Upper
91 100
126 31.5 18.2 54.6





#83
tert-Butylbenzene
Concen: 52.443 ug/l
RT: 13.321 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN070903.D
Acq: 2 Feb 2022 19:51

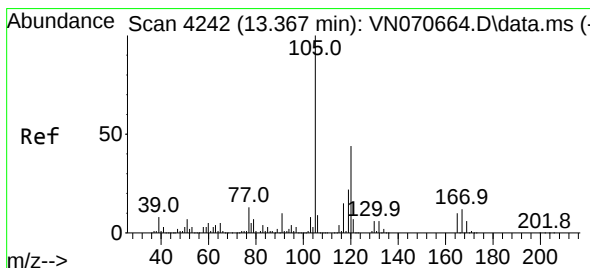
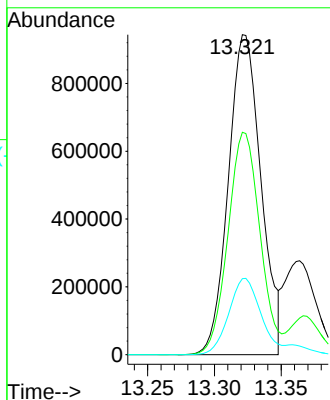
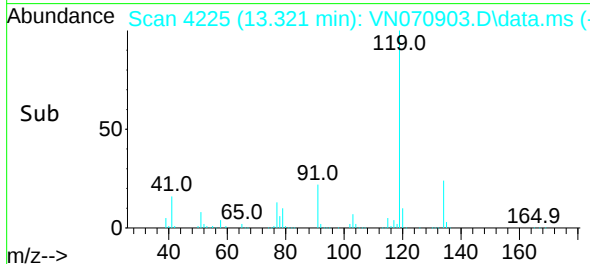
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



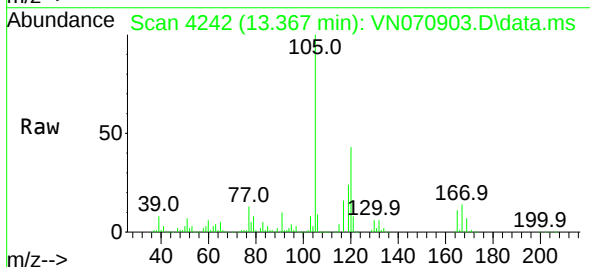
Tgt Ion:119 Resp: 160727
Ion Ratio Lower Upper
119 100
91 68.2 31.5 94.5
134 23.7 12.4 37.4

Manual Integrations
APPROVED

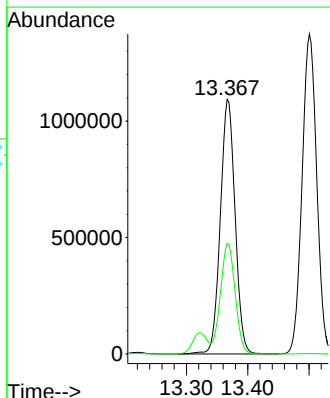
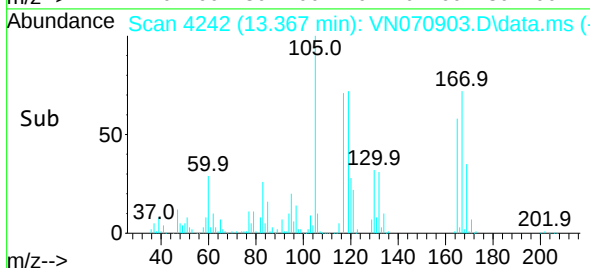
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022

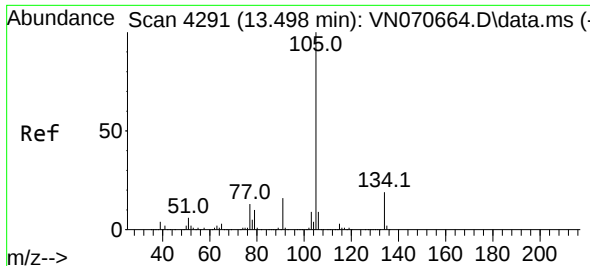


#84
1,2,4-Trimethylbenzene
Concen: 53.163 ug/l
RT: 13.367 min Scan# 4242
Delta R.T. -0.001 min
Lab File: VN070903.D
Acq: 2 Feb 2022 19:51



Tgt Ion:105 Resp: 1826981
Ion Ratio Lower Upper
105 100
120 43.3 22.8 68.4





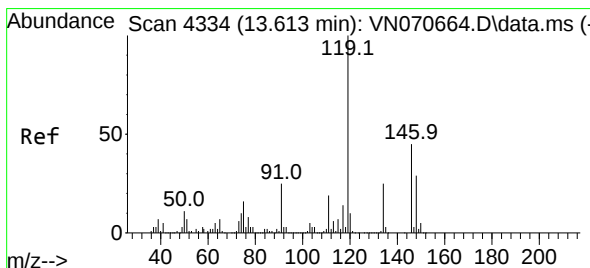
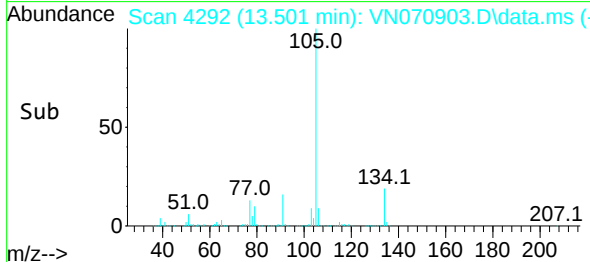
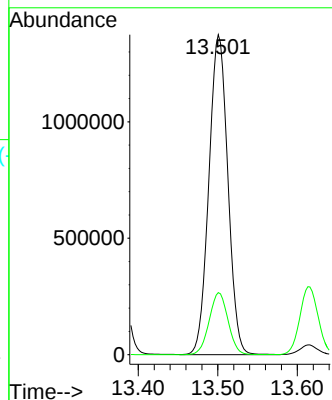
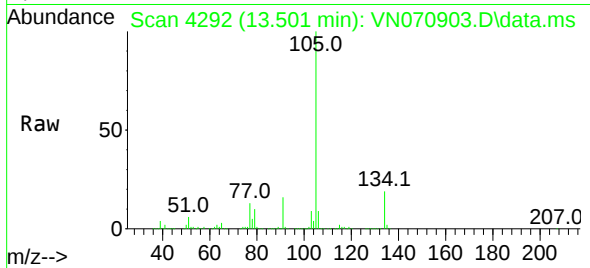
#85
 sec-Butylbenzene
 Concen: 53.059 ug/l
 RT: 13.501 min Scan# 4292
 Delta R.T. -0.000 min
 Lab File: VN070903.D
 Acq: 2 Feb 2022 19:51

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 227512
 Ion Ratio Lower Upper
 105 100
 134 19.3 10.4 31.1

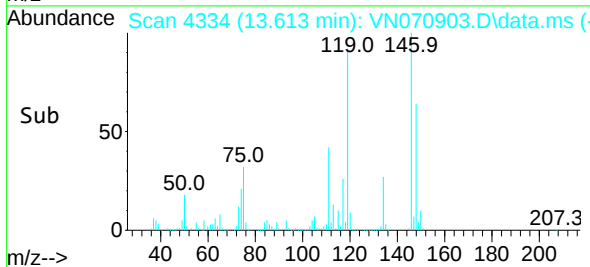
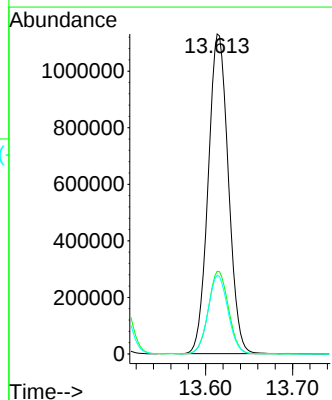
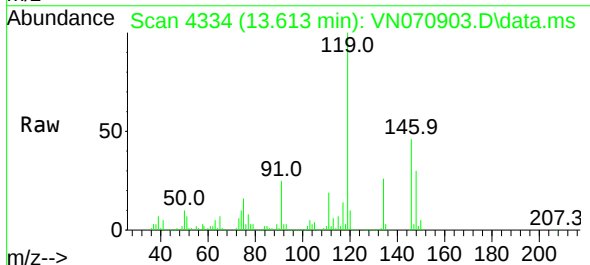
Manual Integrations
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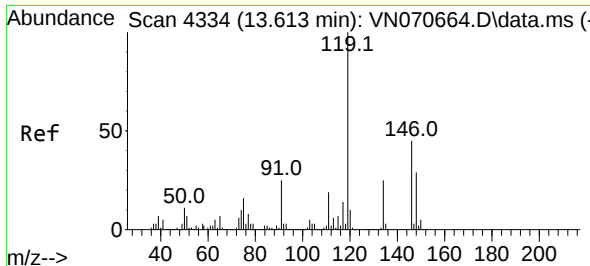
Reviewed By :John Carlone 02/03/2022
 Supervised By :Mahesh Dadoda 02/04/2022



#86
 p-Isopropyltoluene
 Concen: 53.775 ug/l
 RT: 13.613 min Scan# 4334
 Delta R.T. 0.000 min
 Lab File: VN070903.D
 Acq: 2 Feb 2022 19:51

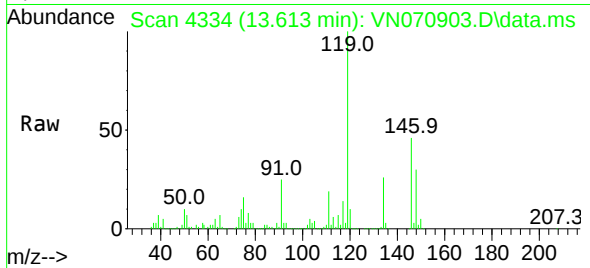
Tgt Ion:119 Resp: 1818336
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.6 40.7
 91 24.2 11.4 34.1





#87
1,3-Dichlorobenzene
Concen: 51.893 ug/l
RT: 13.613 min Scan# 4334
Delta R.T. 0.000 min
Lab File: VN070903.D
Acq: 2 Feb 2022 19:51

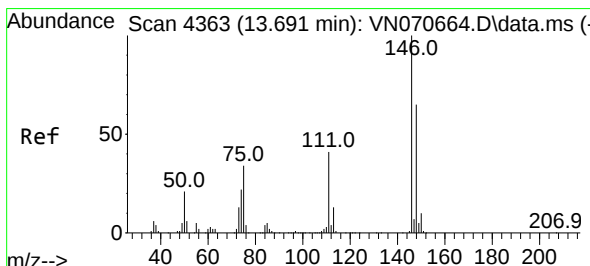
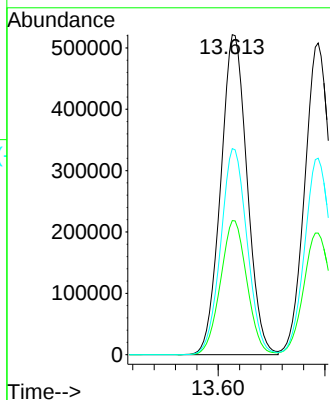
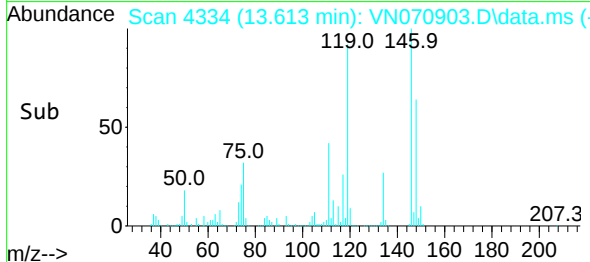
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



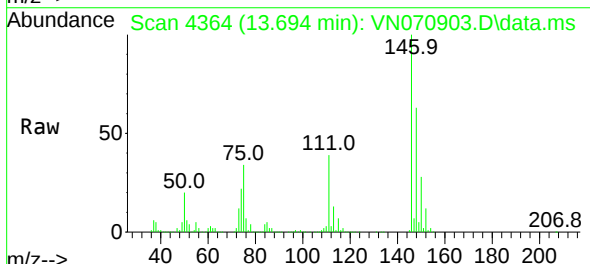
Tgt Ion:146 Resp: 897099
Ion Ratio Lower Upper
146 100
111 41.9 18.6 55.6
148 64.4 31.6 95.0

Manual Integrations
APPROVED

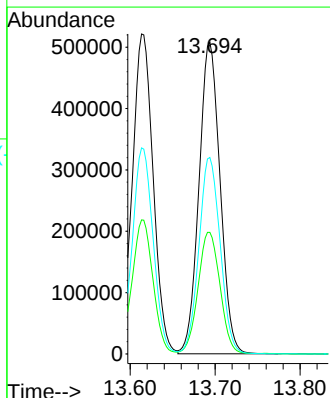
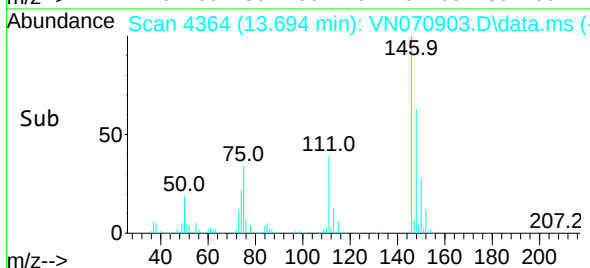
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022

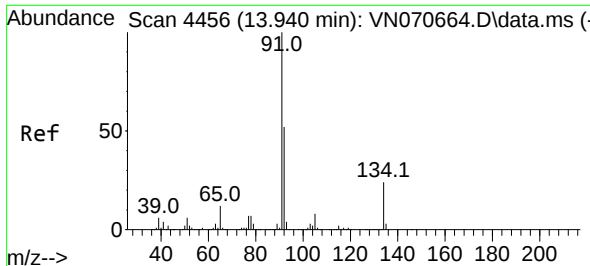


#88
1,4-Dichlorobenzene
Concen: 50.658 ug/l
RT: 13.694 min Scan# 4364
Delta R.T. -0.000 min
Lab File: VN070903.D
Acq: 2 Feb 2022 19:51



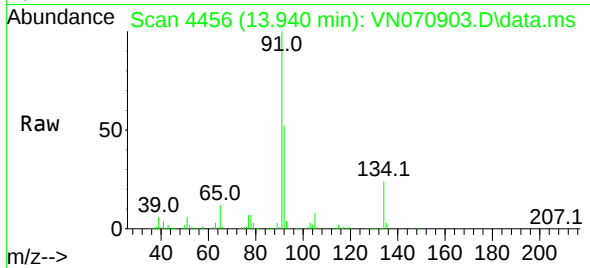
Tgt Ion:146 Resp: 875992
Ion Ratio Lower Upper
146 100
111 40.4 18.3 54.8
148 63.8 31.8 95.4





#89
n-Butylbenzene
Concen: 52.230 ug/l
RT: 13.940 min Scan# 4456
Delta R.T. -0.001 min
Lab File: VN070903.D
Acq: 2 Feb 2022 19:51

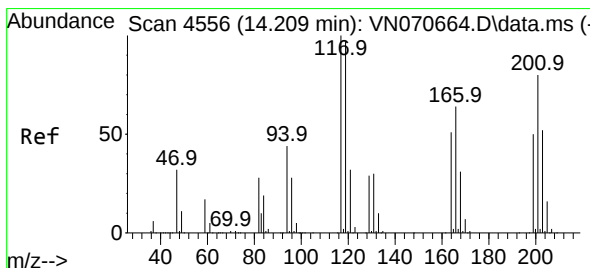
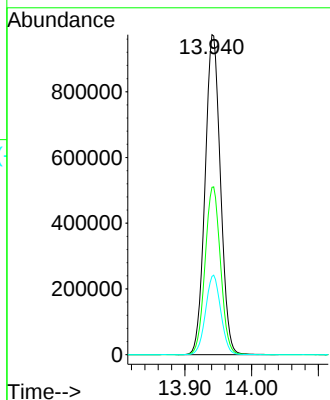
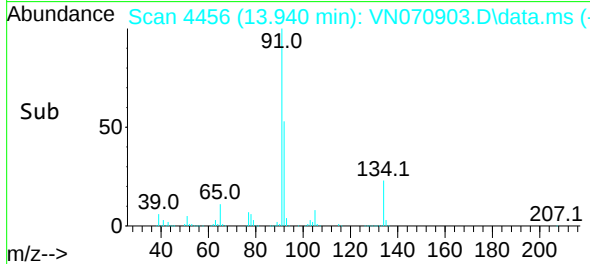
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 1556394
Ion Ratio Lower Upper
91 100
92 52.6 25.4 76.0
134 24.6 13.6 40.8

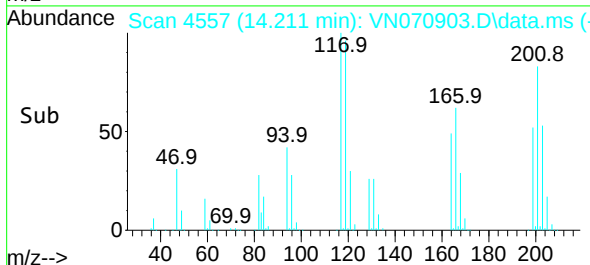
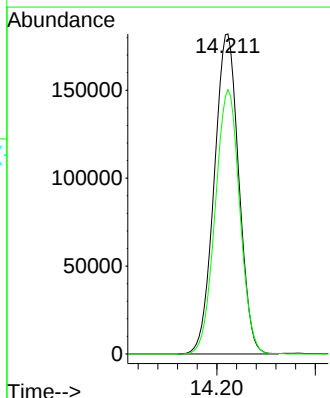
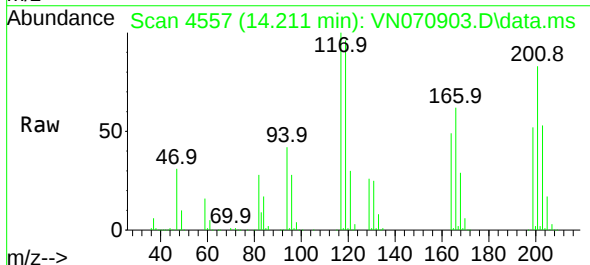
Manual Integrations
APPROVED

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



#90
Hexachloroethane
Concen: 52.802 ug/l
RT: 14.211 min Scan# 4557
Delta R.T. 0.002 min
Lab File: VN070903.D
Acq: 2 Feb 2022 19:51

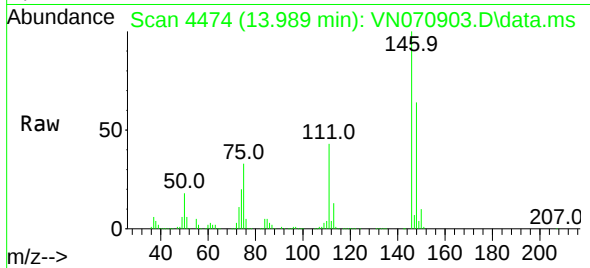
Tgt Ion:117 Resp: 316421
Ion Ratio Lower Upper
117 100
201 82.4 43.9 131.6





#91
1,2-Dichlorobenzene
Concen: 51.783 ug/l
RT: 13.989 min Scan# 4473
Delta R.T. 0.003 min
Lab File: VN070903.D
Acq: 2 Feb 2022 19:51

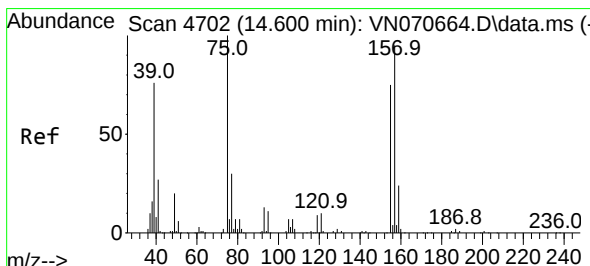
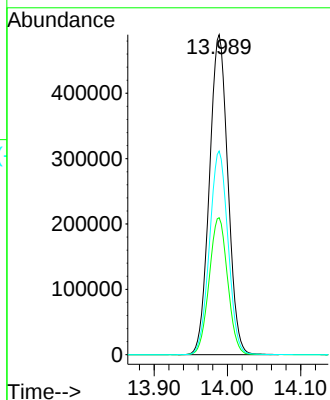
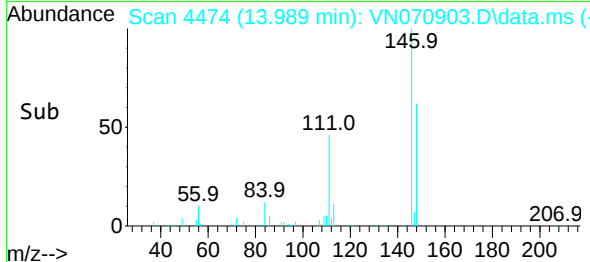
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



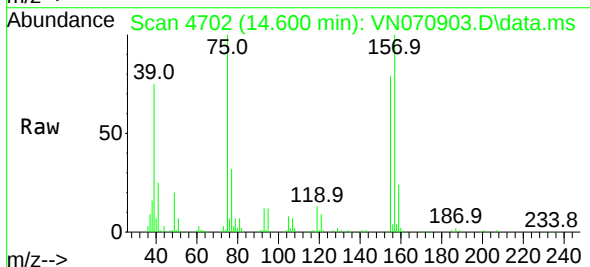
Tgt Ion:146 Resp: 858800
Ion Ratio Lower Upper
146 100
111 42.8 19.1 57.3
148 63.8 32.1 96.3

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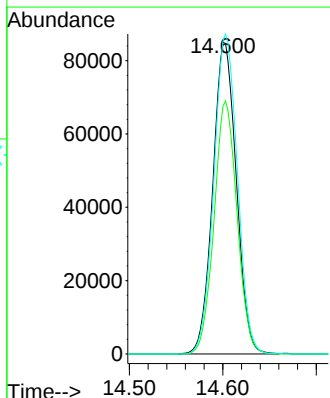
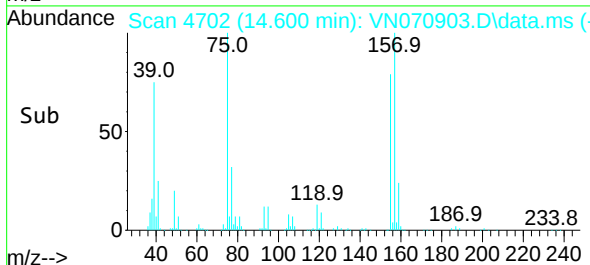
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022

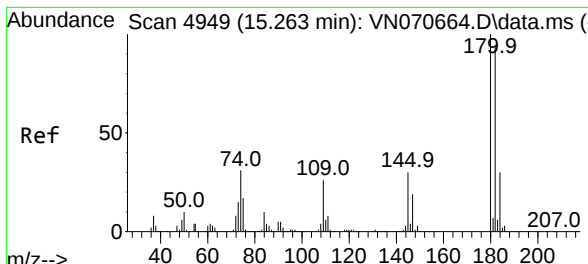


#92
1,2-Dibromo-3-Chloropropane
Concen: 54.733 ug/l
RT: 14.600 min Scan# 4702
Delta R.T. -0.003 min
Lab File: VN070903.D
Acq: 2 Feb 2022 19:51



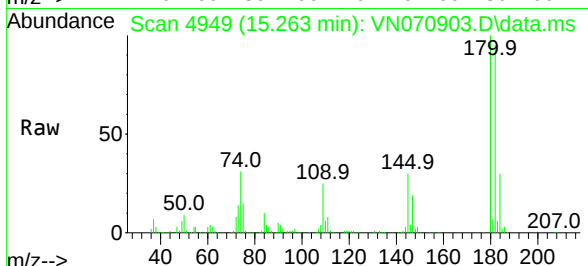
Tgt Ion: 75 Resp: 148930
Ion Ratio Lower Upper
75 100
155 79.4 46.9 140.7
157 102.7 60.6 181.7





#93
1,2,4-Trichlorobenzene
Concen: 51.204 ug/l
RT: 15.263 min Scan# 4949
Delta R.T. -0.000 min
Lab File: VN070903.D
Acq: 2 Feb 2022 19:51

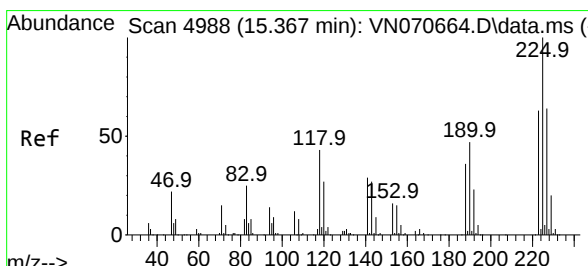
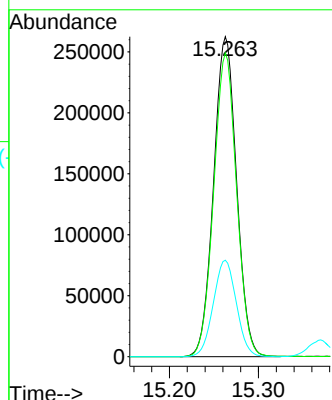
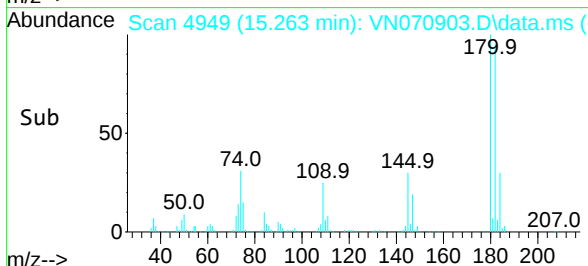
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



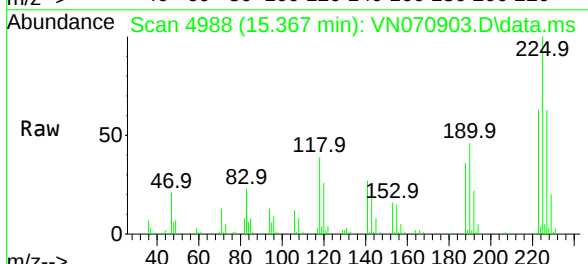
Tgt Ion:180 Resp: 469918
Ion Ratio Lower Upper
180 100
182 94.8 48.3 144.9
145 30.4 14.5 43.5

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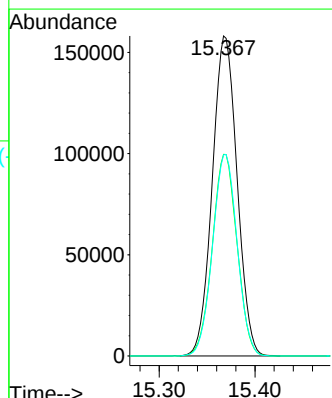
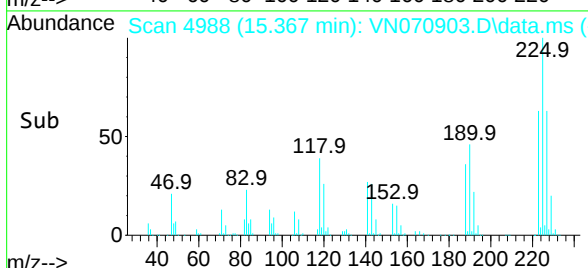
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022

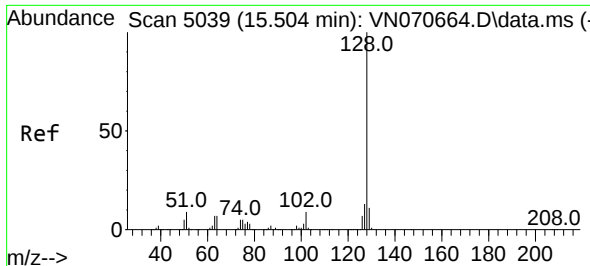


#94
Hexachlorobutadiene
Concen: 51.275 ug/l
RT: 15.367 min Scan# 4988
Delta R.T. 0.000 min
Lab File: VN070903.D
Acq: 2 Feb 2022 19:51



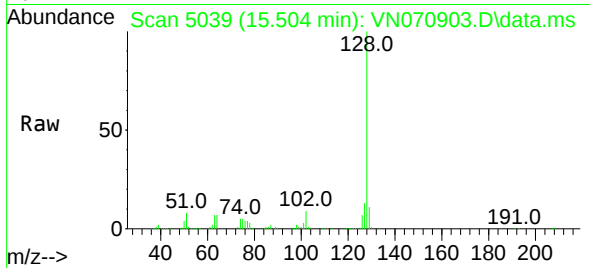
Tgt Ion:225 Resp: 284004
Ion Ratio Lower Upper
225 100
223 62.8 31.9 95.7
227 62.5 32.1 96.3





#95
Naphthalene
Concen: 51.547 ug/l
RT: 15.504 min Scan# 5039
Delta R.T. 0.000 min
Lab File: VN070903.D
Acq: 2 Feb 2022 19:51

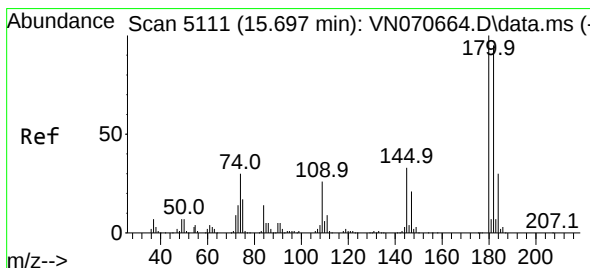
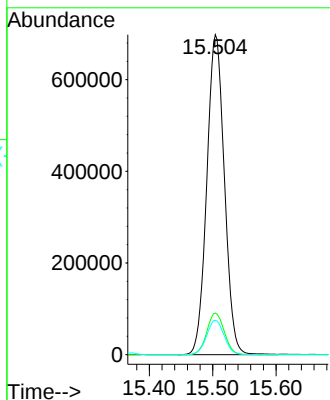
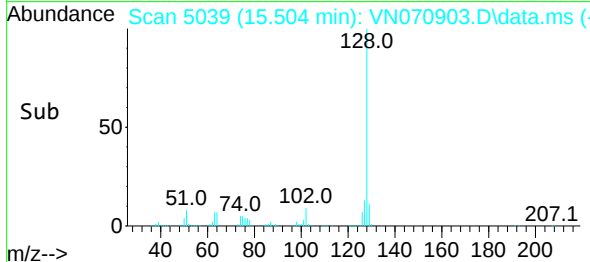
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 1346118
Ion Ratio Lower Upper
128 100
127 13.0 10.5 15.7
129 10.8 8.7 13.1

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 51.971 ug/l
RT: 15.700 min Scan# 5112
Delta R.T. -0.000 min
Lab File: VN070903.D
Acq: 2 Feb 2022 19:51

Tgt Ion:180 Resp: 455497
Ion Ratio Lower Upper
180 100
182 94.5 47.4 142.2
145 32.0 15.0 45.1

