

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020122\
 Data File : VN070887.D
 Acq On : 1 Feb 2022 21:59
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/02/2022
 Supervised By : Mahesh Dadoda 02/07/2022

Quant Time: Feb 02 00:40:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 18 13:32:07 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	746725	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1230289	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1144136	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	481891	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	489323	45.724	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	91.440%		
35) Dibromofluoromethane	8.021	113	374494	49.072	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	98.140%		
50) Toluene-d8	10.440	98	1511103	47.002	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	94.000%		
62) 4-Bromofluorobenzene	12.728	95	577850	50.439	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	100.880%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	336939	39.048	ug/l	100
3) Chloromethane	2.301	50	492218	39.025	ug/l	99
4) Vinyl Chloride	2.448	62	474568	39.560	ug/l	99
5) Bromomethane	2.834	94	270708	43.328	ug/l	99
6) Chloroethane	3.009	64	305902	40.862	ug/l	98
7) Trichlorofluoromethane	3.373	101	613950	44.800	ug/l	97
8) Diethyl Ether	3.821	74	278546	46.530	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.205	101	354450	42.795	ug/l	97
10) Methyl Iodide	4.419	142	515028	48.221	ug/l	97
11) Tert butyl alcohol	5.377	59	533634	276.389	ug/l	98
12) 1,1-Dichloroethene	4.181	96	360148	43.597	ug/l	96
13) Acrolein	4.039	56	962268	347.510	ug/l	100
14) Allyl chloride	4.838	41	859111	47.731	ug/l #	82
15) Acrylonitrile	5.551	53	1500984	244.378	ug/l	99
16) Acetone	4.285	43	1258490	169.430	ug/l	97
17) Carbon Disulfide	4.527	76	990978	44.170	ug/l	98
18) Methyl Acetate	4.854	43	702320	48.079	ug/l	94
19) Methyl tert-butyl Ether	5.616	73	1498091	50.764	ug/l	95
20) Methylene Chloride	5.093	84	441573	45.131	ug/l	91
21) trans-1,2-Dichloroethene	5.597	96	382662	46.025	ug/l	88
22) Diisopropyl ether	6.495	45	1705222	47.797	ug/l	91
23) Vinyl Acetate	6.431	43	7620423	251.981	ug/l	95
24) 1,1-Dichloroethane	6.388	63	836795	46.890	ug/l	98
25) 2-Butanone	7.335	43	2084642	223.035	ug/l	93
26) 2,2-Dichloropropane	7.324	77	640454	46.809	ug/l	98
27) cis-1,2-Dichloroethene	7.324	96	469930	47.580	ug/l	88
28) Bromochloromethane	7.657	49	361197	45.080	ug/l #	79
29) Tetrahydrofuran	7.683	42	1391308	243.106	ug/l	89
30) Chloroform	7.817	83	794372	45.539	ug/l	98
31) Cyclohexane	8.094	56	782373	41.517	ug/l	89
32) 1,1,1-Trichloroethane	8.013	97	673030	48.588	ug/l	98
36) 1,1-Dichloropropene	8.220	75	587502	45.729	ug/l	97
37) Ethyl Acetate	7.412	43	816072	47.845	ug/l	99
38) Carbon Tetrachloride	8.204	117	552571	48.347	ug/l	99
39) Methylcyclohexane	9.459	83	716654	45.184	ug/l	89
40) Benzene	8.458	78	1870797	46.995	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.635	41	436089	50.255	ug/l #	85
42) 1,2-Dichloroethane	8.528	62	630308	45.664	ug/l	99
43) Isopropyl Acetate	8.560	43	1389882	53.350	ug/l #	94
44) Trichloroethene	9.215	130	430524	47.705	ug/l	93
45) 1,2-Dichloropropane	9.488	63	518079	47.833	ug/l	99
46) Dibromomethane	9.574	93	303599	48.207	ug/l	98
47) Bromodichloromethane	9.759	83	632565	49.137	ug/l	100
48) Methyl methacrylate	9.558	41	606876	48.897	ug/l #	82
49) 1,4-Dioxane	9.569	88	192372	1031.879	ug/l #	82
51) 4-Methyl-2-Pentanone	10.328	43	4198646	252.569	ug/l	100
52) Toluene	10.505	92	1186263	49.817	ug/l	96
53) t-1,3-Dichloropropene	10.717	75	729132	46.863	ug/l	99
54) cis-1,3-Dichloropropene	10.188	75	784243	50.797	ug/l	97
55) 1,1,2-Trichloroethane	10.896	97	453369	48.465	ug/l	98
56) Ethyl methacrylate	10.760	69	831808	46.903	ug/l	89
57) 1,3-Dichloropropane	11.044	76	798489	48.217	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.038	63	1400209	305.124	ug/l	91
59) 2-Hexanone	11.084	43	3102961	256.944	ug/l	98
60) Dibromochloromethane	11.237	129	463074	53.070	ug/l	99
61) 1,2-Dibromoethane	11.344	107	465103	49.520	ug/l	100
64) Tetrachloroethene	10.974	164	368475	43.924	ug/l	98
65) Chlorobenzene	11.768	112	1182519	47.703	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.840	131	433405	50.772	ug/l	99
67) Ethyl Benzene	11.843	91	2235602	48.643	ug/l	96
68) m/p-Xylenes	11.950	106	1657511	99.137	ug/l	93
69) o-Xylene	12.278	106	827321	49.862	ug/l	92
70) Styrene	12.294	104	1390423	52.382	ug/l	96
71) Bromoform	12.455	173	378173	58.649	ug/l #	100
73) Isopropylbenzene	12.578	105	2160597	47.393	ug/l	98
74) N-amyl acetate	12.385	43	1052003	56.438	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.825	83	730739	47.461	ug/l	98
76) 1,2,3-Trichloropropane	12.878	75	688149m	53.842	ug/l	
77) Bromobenzene	12.860	156	505117	49.417	ug/l	78
78) n-propylbenzene	12.919	91	2480016	48.642	ug/l	96
79) 2-Chlorotoluene	13.004	91	1526069	47.317	ug/l	92
80) 1,3,5-Trimethylbenzene	13.058	105	1780863	48.305	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.624	75	244199	56.921	ug/l	86
82) 4-Chlorotoluene	13.104	91	1483644	49.236	ug/l	92
83) tert-Butylbenzene	13.321	119	1542657	48.070	ug/l	94
84) 1,2,4-Trimethylbenzene	13.366	105	1742452	49.170	ug/l	97
85) sec-Butylbenzene	13.498	105	2117648	48.537	ug/l	97
86) p-Isopropyltoluene	13.613	119	1708502	49.850	ug/l	96
87) 1,3-Dichlorobenzene	13.613	146	828642	48.734	ug/l	96
88) 1,4-Dichlorobenzene	13.694	146	809715	47.852	ug/l	97
89) n-Butylbenzene	13.940	91	1473746	52.123	ug/l	97
90) Hexachloroethane	14.209	117	289690	48.354	ug/l	97
91) 1,2-Dichlorobenzene	13.986	146	784690	46.710	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.600	75	138527	53.041	ug/l	86
93) 1,2,4-Trichlorobenzene	15.260	180	462838	51.851	ug/l	99
94) Hexachlorobutadiene	15.367	225	294609	59.213	ug/l	98
95) Naphthalene	15.501	128	1308822	52.142	ug/l	99
96) 1,2,3-Trichlorobenzene	15.697	180	441583	51.767	ug/l	99

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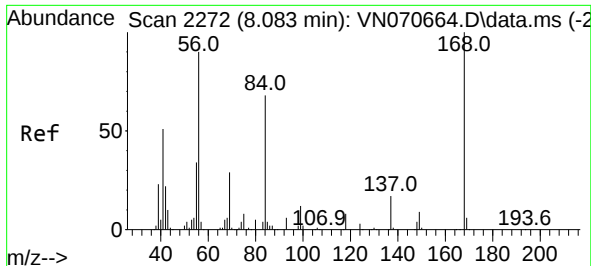
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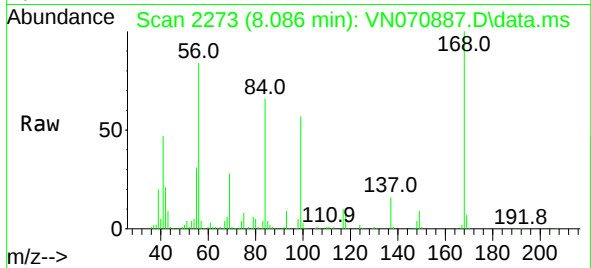
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. 0.003 min
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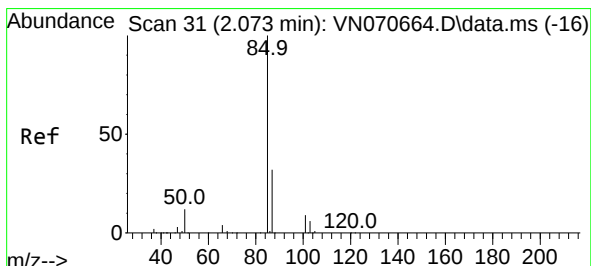
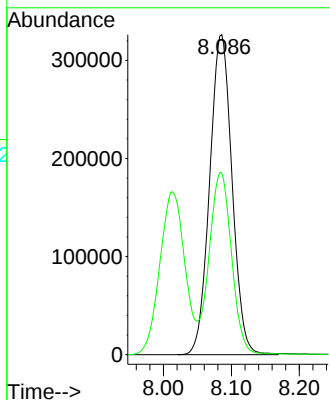
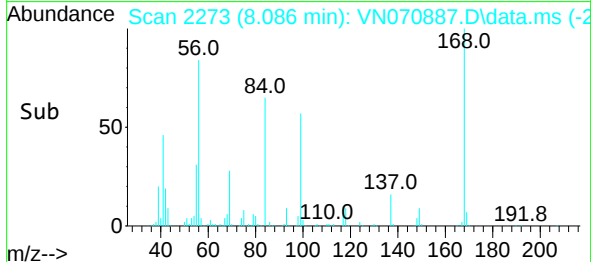
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VSTDCCC050EC



Tgt Ion:168 Resp: 746725
Ion Ratio Lower Upper
168 100
99 56.6 41.3 61.9

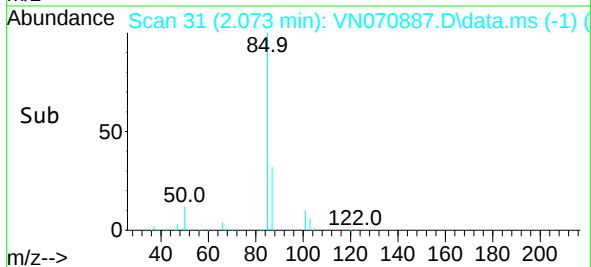
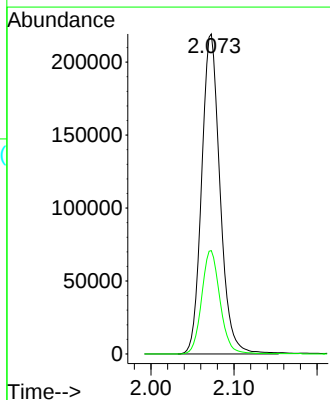
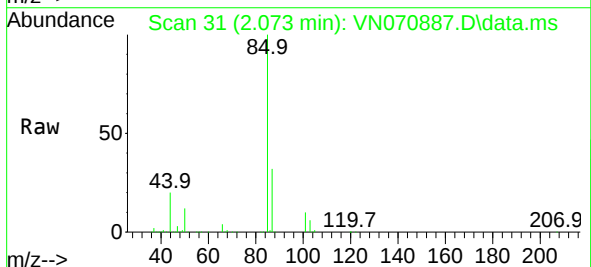
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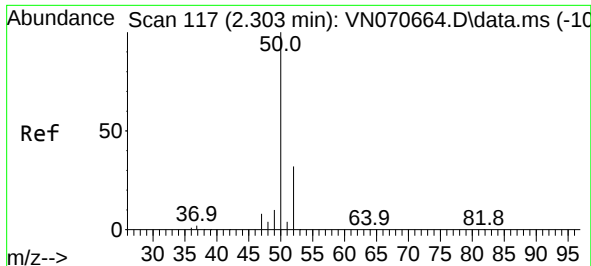
Reviewed By :John Carlone 02/02/2022
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#2
Dichlorodifluoromethane
Concen: 39.048 ug/l
RT: 2.073 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN070887.D
Acq: 1 Feb 2022 21:59

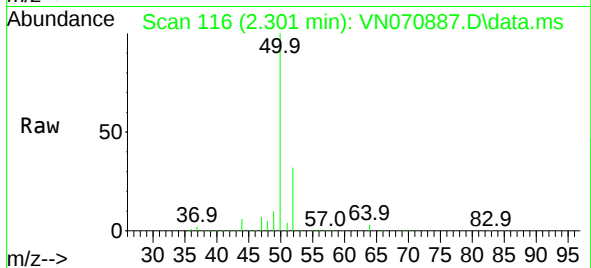
Tgt Ion: 85 Resp: 336939
Ion Ratio Lower Upper
85 100
87 32.3 16.3 48.9





#3
Chloromethane
Concen: 39.025 ug/l
RT: 2.301 min Scan# 117
Delta R.T. -0.002 min
Lab File: VN070887.D
Acq: 1 Feb 2022 21:59

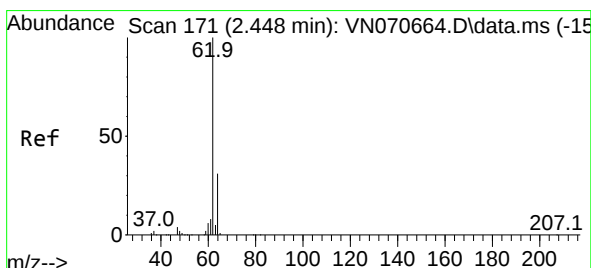
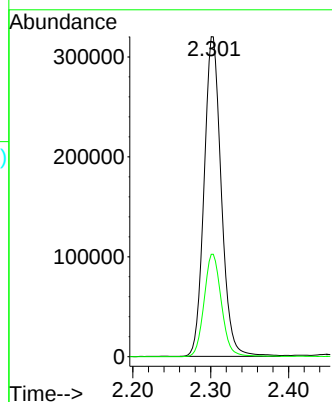
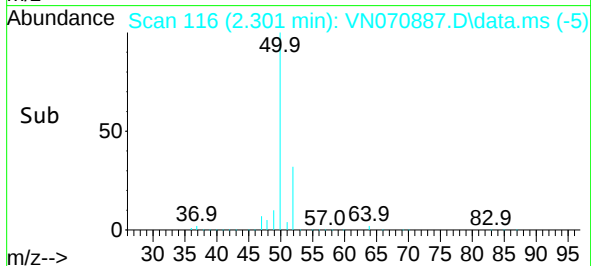
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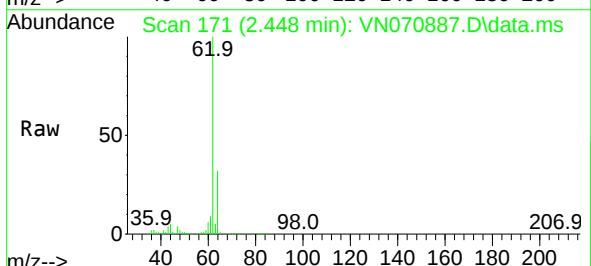
Tgt Ion: 50 Resp: 492218
Ion Ratio Lower Upper
50 100
52 32.0 25.4 38.0

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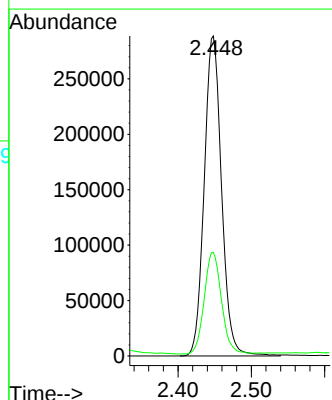
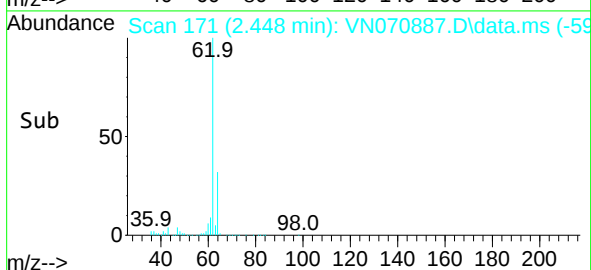
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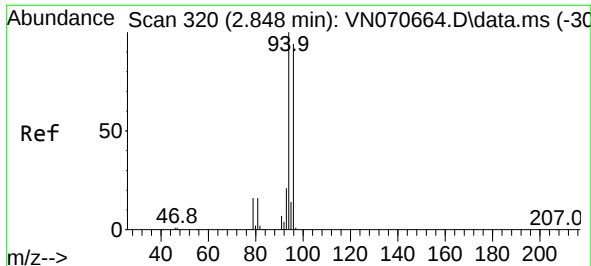


#4
Vinyl Chloride
Concen: 39.560 ug/l
RT: 2.448 min Scan# 171
Delta R.T. 0.000 min
Lab File: VN070887.D
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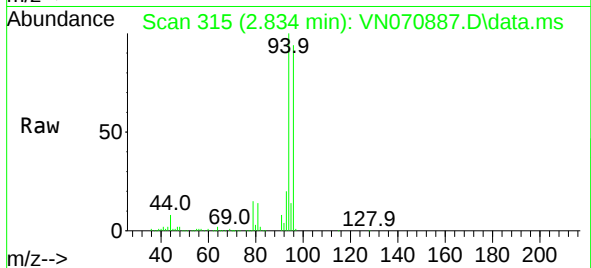
Tgt Ion: 62 Resp: 474568
Ion Ratio Lower Upper
62 100
64 31.7 25.8 38.6





#5
Bromomethane
Concen: 43.328 ug/l
RT: 2.834 min Scan# 315
Delta R.T. -0.014 min
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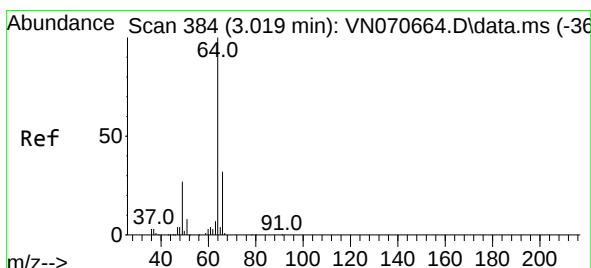
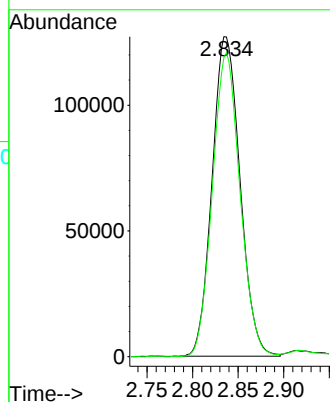
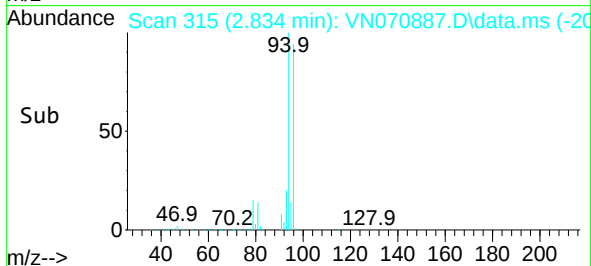
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Tgt Ion: 94 Resp: 270708
Ion Ratio Lower Upper
94 100
96 93.6 73.8 110.8

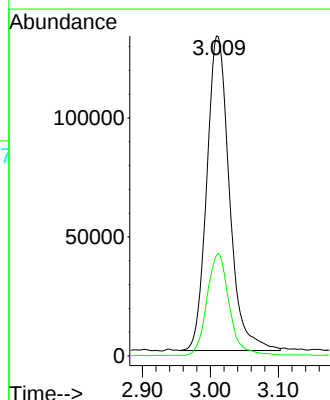
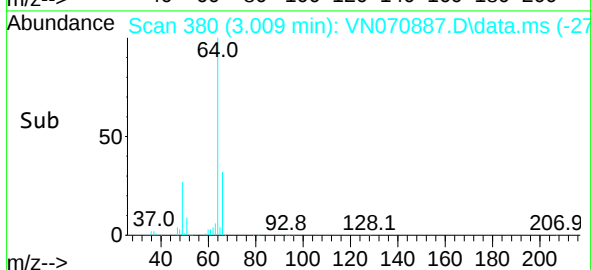
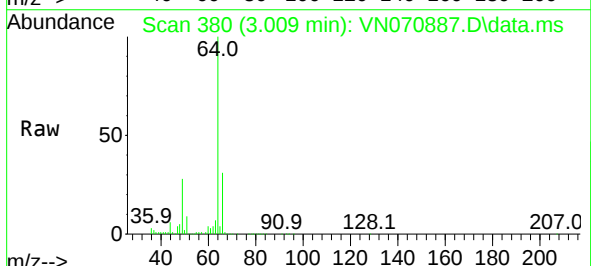
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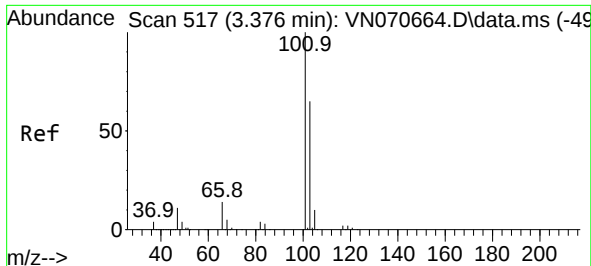
Reviewed By :John Carlone 02/02/2022
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#6
Chloroethane
Concen: 40.862 ug/l
RT: 3.009 min Scan# 380
Delta R.T. -0.010 min
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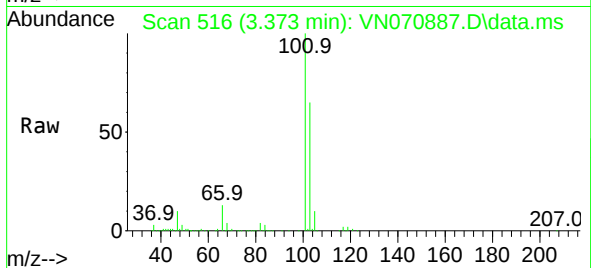
Tgt Ion: 64 Resp: 305902
Ion Ratio Lower Upper
64 100
66 31.7 26.3 39.5





#7
 Trichlorofluoromethane
 Concen: 44.800 ug/l
 RT: 3.373 min Scan# 517
 Delta R.T. -0.003 min
 Lab File: VN070887.D
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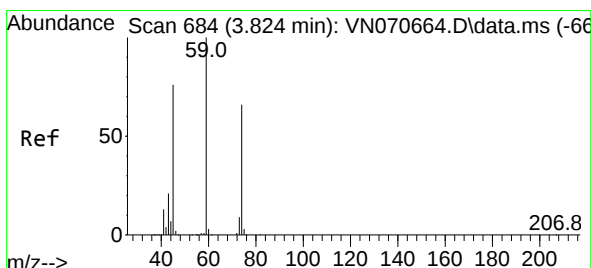
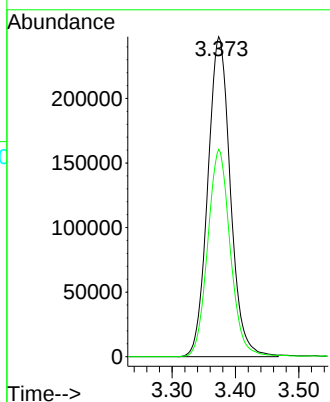
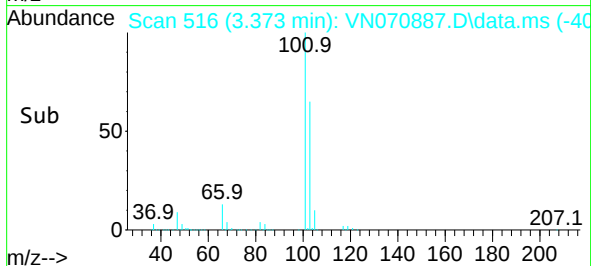
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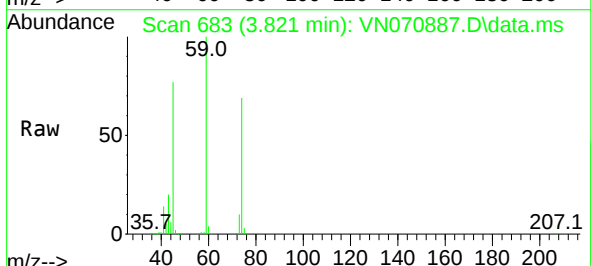
Tgt Ion:101 Resp: 613950
 Ion Ratio Lower Upper
 101 100
 103 64.8 50.1 75.1

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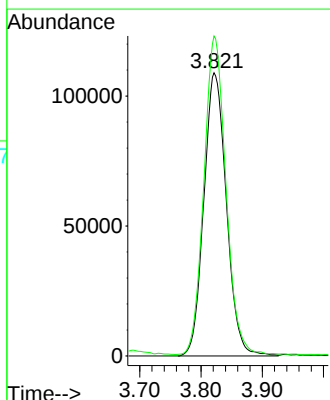
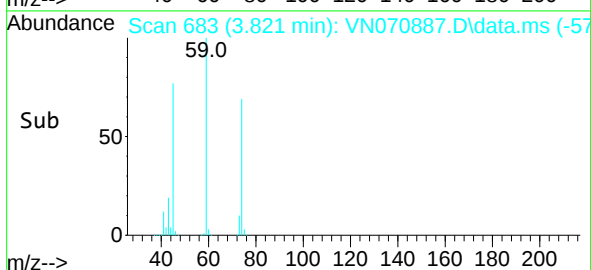
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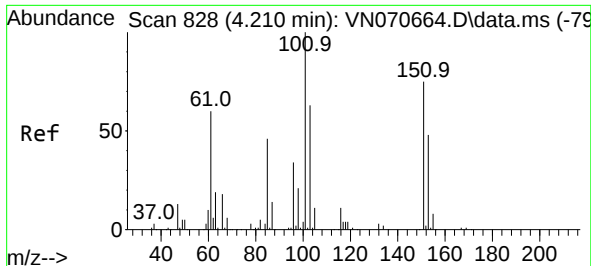


#8
 Diethyl Ether
 Concen: 46.530 ug/l
 RT: 3.821 min Scan# 683
 Delta R.T. -0.003 min
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Tgt Ion: 74 Resp: 278546
 Ion Ratio Lower Upper
 74 100
 45 109.5 47.0 141.2





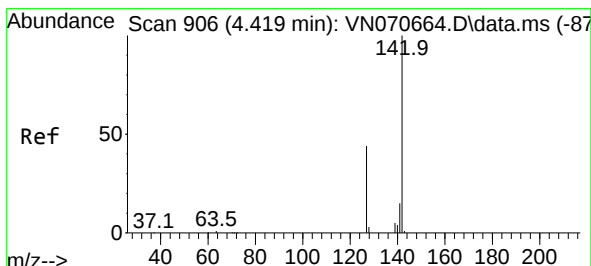
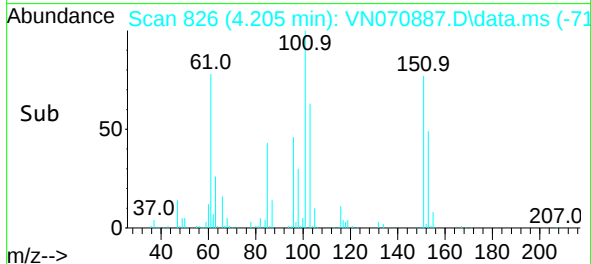
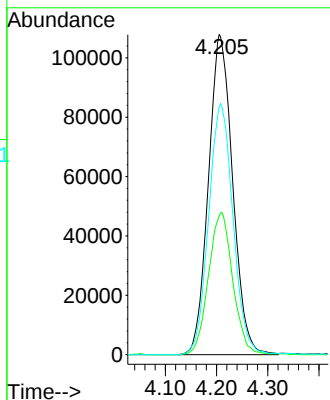
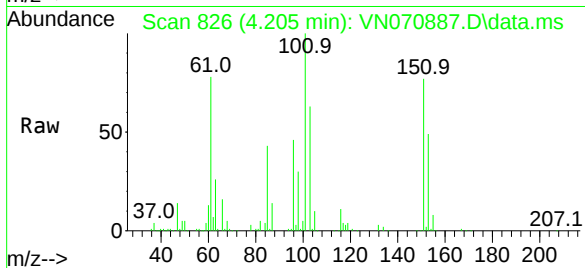
#9
1,1,2-Trichlorotrifluoroethane
Concen: 42.795 ug/l
RT: 4.205 min Scan# 81
Delta R.T. -0.005 min
Lab File: VN070887.D
Acq: 1 Feb 2022 21:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 354450
Ion Ratio Lower Upper
101 100
85 44.4 37.2 55.8
151 79.1 65.9 98.9

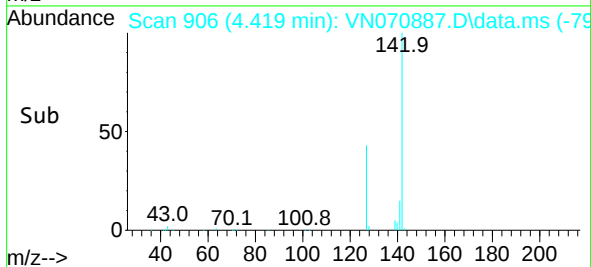
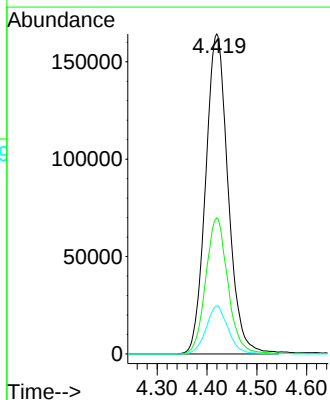
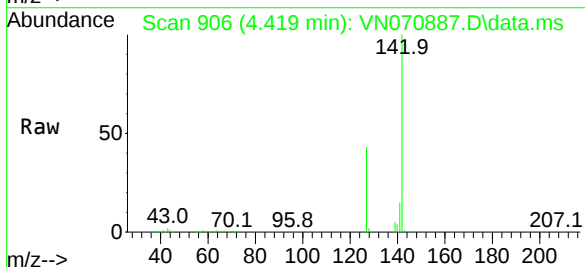
Manual Integrations
APPROVED

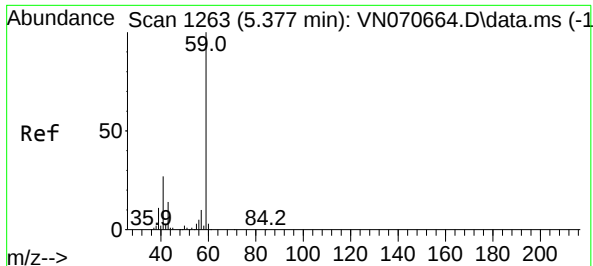
Reviewed By :John Carlone 02/02/2022
Supervised By :Mahesh Dadoda 02/07/2022



#10
Methyl Iodide
Concen: 48.221 ug/l
RT: 4.419 min Scan# 906
Delta R.T. 0.000 min
Lab File: VN070887.D
Acq: 1 Feb 2022 21:59

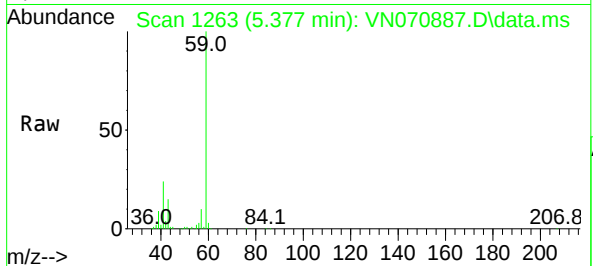
Tgt Ion:142 Resp: 515028
Ion Ratio Lower Upper
142 100
127 41.9 35.4 53.0
141 14.7 11.6 17.4





#11
Tert butyl alcohol
Concen: 276.389 ug/l
RT: 5.377 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN070887.D
Acq: 1 Feb 2022 21:59

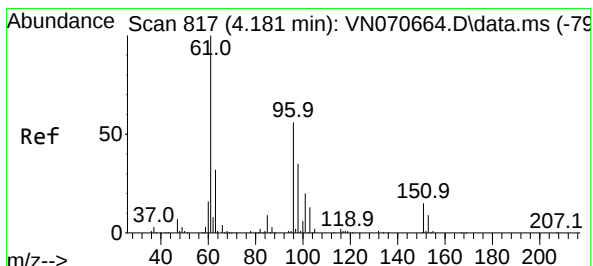
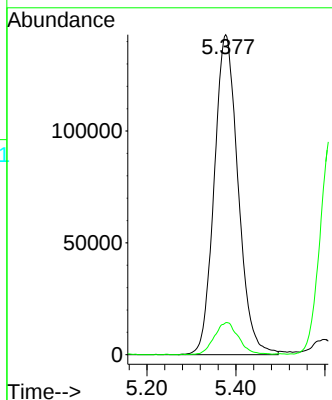
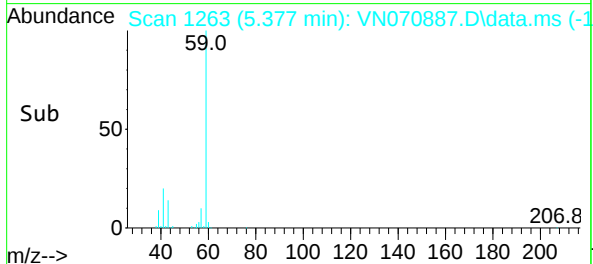
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



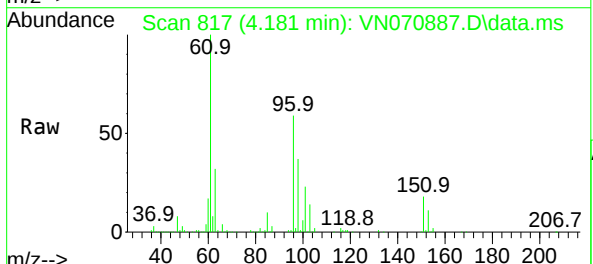
Tgt Ion: 59 Resp: 533634
Ion Ratio Lower Upper
59 100
57 10.2 8.7 13.1

Manual Integrations
APPROVED

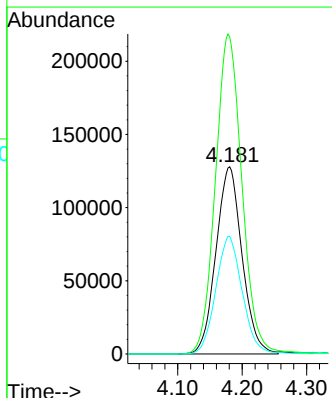
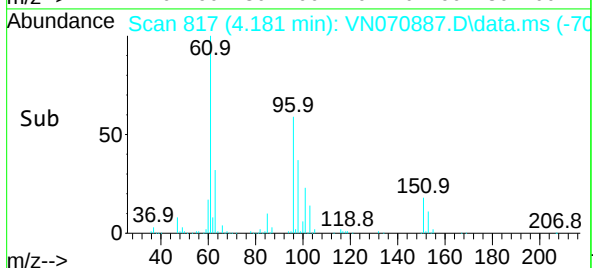
Reviewed By :John Carlone 02/02/2022
Supervised By :Mahesh Dadoda 02/07/2022

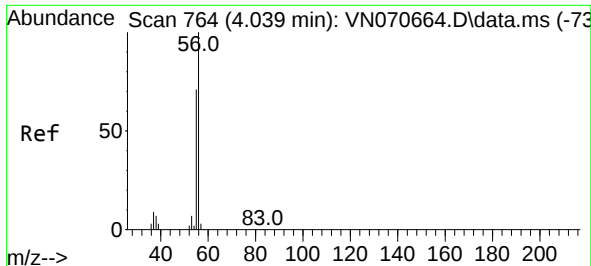


#12
1,1-Dichloroethene
Concen: 43.597 ug/l
RT: 4.181 min Scan# 817
Delta R.T. -0.000 min
Lab File: VN070887.D
Acq: 1 Feb 2022 21:59



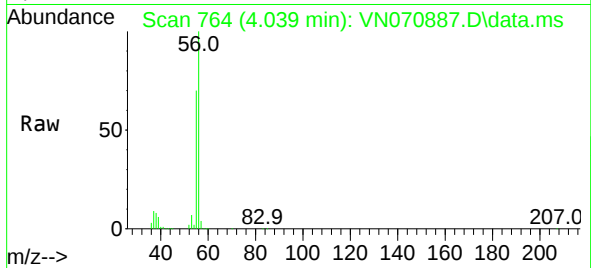
Tgt Ion: 96 Resp: 360148
Ion Ratio Lower Upper
96 100
61 169.4 131.0 196.6
98 62.8 52.4 78.6





#13
Acrolein
Concen: 347.510 ug/l
RT: 4.039 min Scan# 764
Delta R.T. -0.000 min
Lab File: VN070887.D
Acq: 1 Feb 2022 21:59

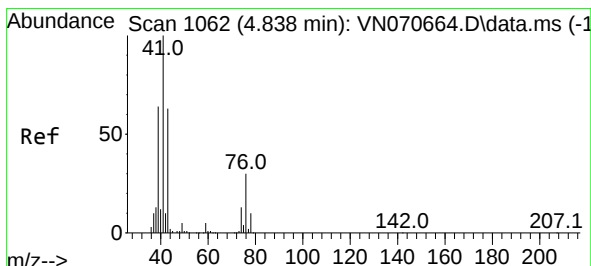
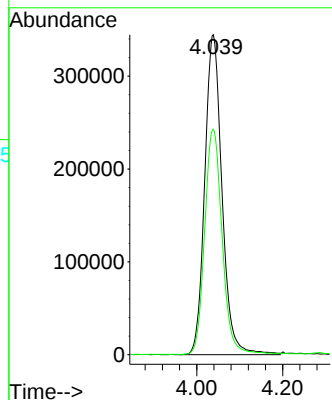
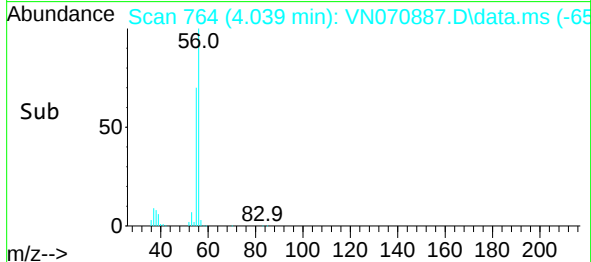
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



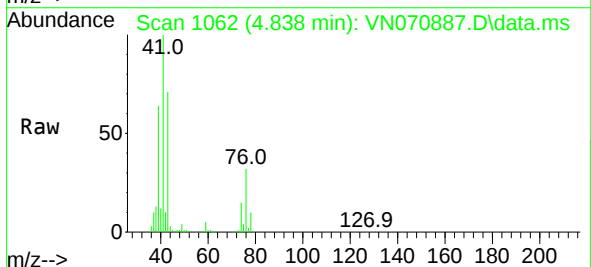
Tgt Ion: 56 Resp: 962268
Ion Ratio Lower Upper
56 100
55 70.9 56.6 85.0

Manual Integrations
APPROVED

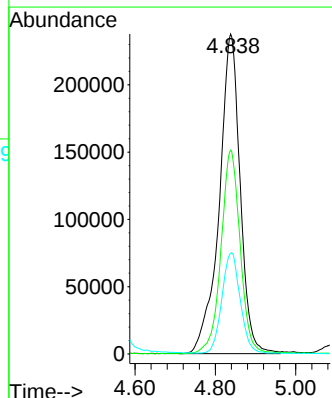
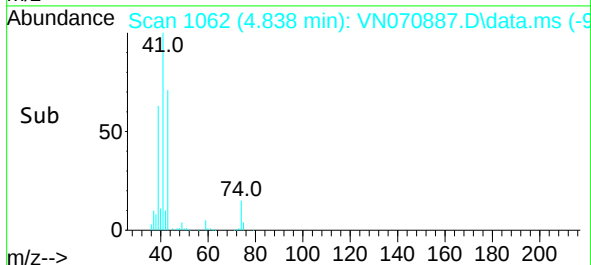
Reviewed By :John Carlone 02/02/2022
Supervised By :Mahesh Dadoda 02/07/2022

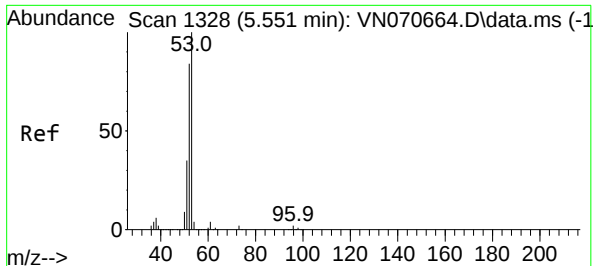


#14
Allyl chloride
Concen: 47.731 ug/l
RT: 4.838 min Scan# 1062
Delta R.T. -0.000 min
Lab File: VN070887.D
Acq: 1 Feb 2022 21:59



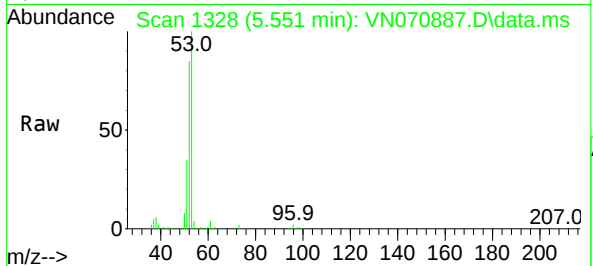
Tgt Ion: 41 Resp: 859111
Ion Ratio Lower Upper
41 100
39 58.3 61.2 91.8#
76 27.3 26.0 39.0





#15
Acrylonitrile
Concen: 244.378 ug/l
RT: 5.551 min Scan# 1328
Delta R.T. 0.000 min
Lab File: VN070887.D
Acq: 1 Feb 2022 21:59

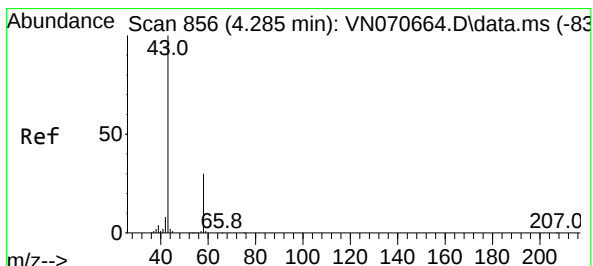
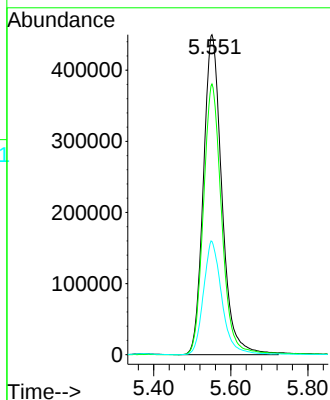
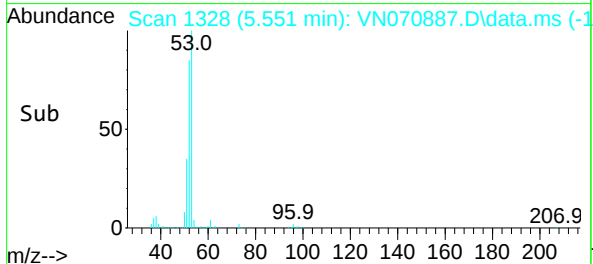
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 1500984
Ion Ratio Lower Upper
53 100
52 83.1 66.2 99.2
51 35.2 29.6 44.4

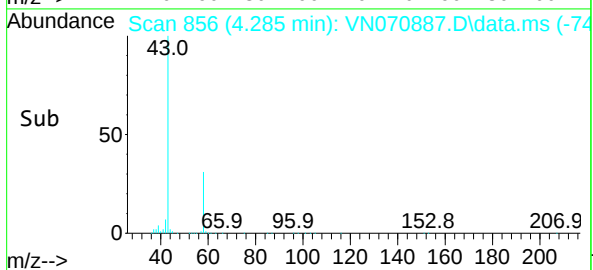
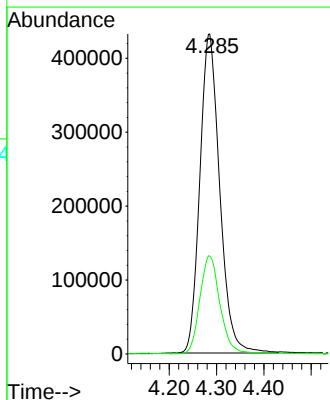
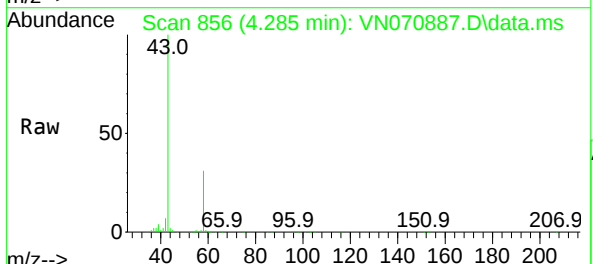
Manual Integrations
APPROVED

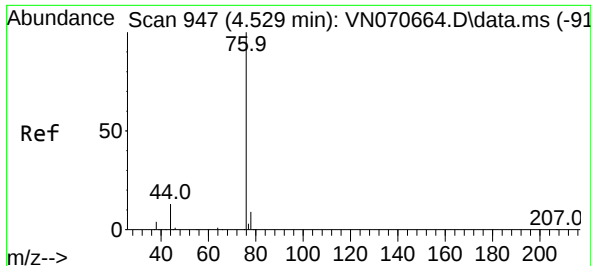
Reviewed By :John Carlone 02/02/2022
Supervised By :Mahesh Dadoda 02/07/2022



#16
Acetone
Concen: 169.430 ug/l
RT: 4.285 min Scan# 856
Delta R.T. 0.000 min
Lab File: VN070887.D
Acq: 1 Feb 2022 21:59

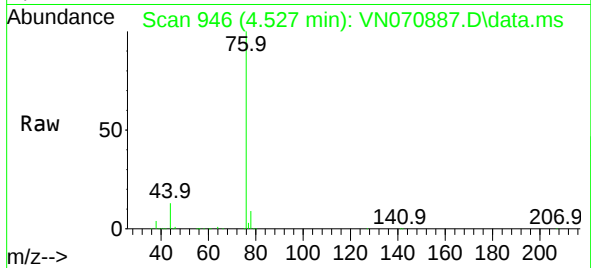
Tgt Ion: 43 Resp: 1258490
Ion Ratio Lower Upper
43 100
58 30.6 23.1 34.7





#17
Carbon Disulfide
Concen: 44.170 ug/l
RT: 4.527 min Scan# 947
Delta R.T. -0.002 min
Lab File: VN070887.D
Acq: 1 Feb 2022 21:59

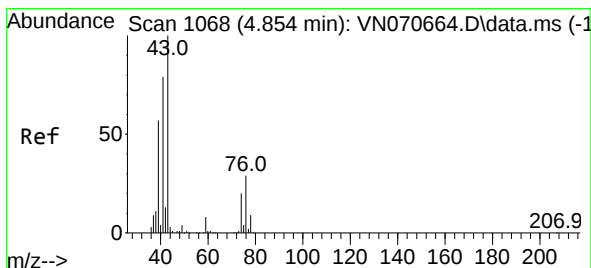
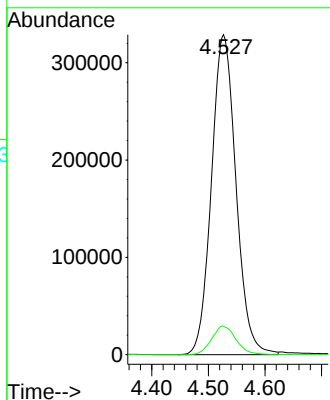
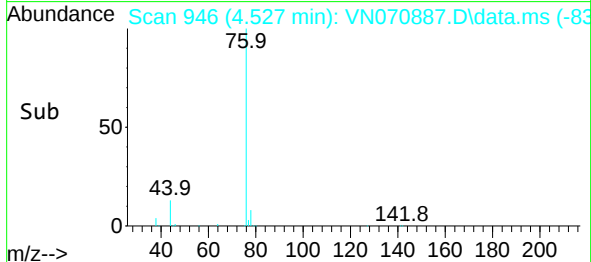
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



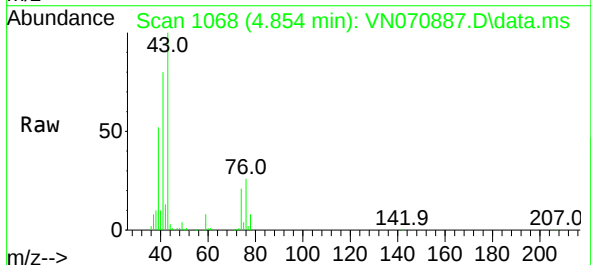
Tgt Ion: 76 Resp: 990978
Ion Ratio Lower Upper
76 100
78 8.8 7.5 11.3

Manual Integrations
APPROVED

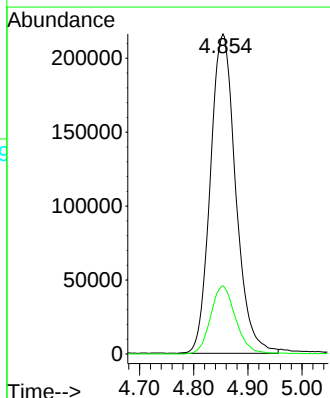
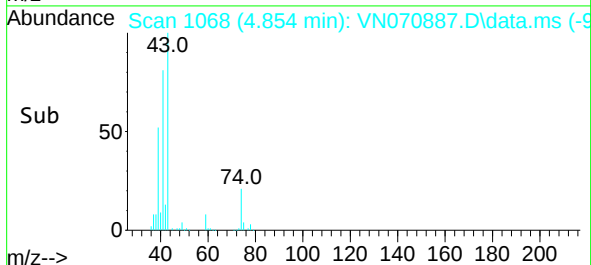
Reviewed By :John Carlone 02/02/2022
Supervised By :Mahesh Dadoda 02/07/2022

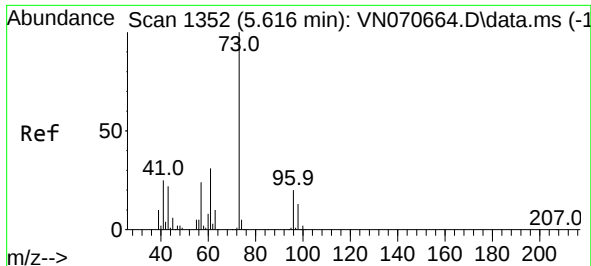


#18
Methyl Acetate
Concen: 48.079 ug/l
RT: 4.854 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VN070887.D
Acq: 1 Feb 2022 21:59



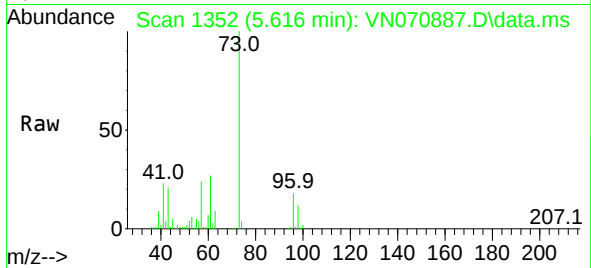
Tgt Ion: 43 Resp: 702320
Ion Ratio Lower Upper
43 100
74 21.1 19.4 29.2





#19
Methyl tert-butyl Ether
Concen: 50.764 ug/l
RT: 5.616 min Scan# 1157
Delta R.T. -0.000 min
Lab File: VN070887.D
Acq: 1 Feb 2022 21:59

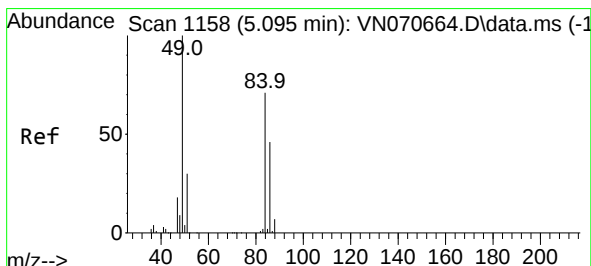
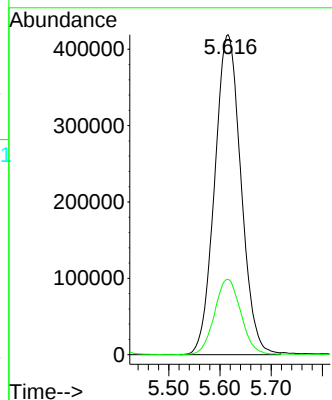
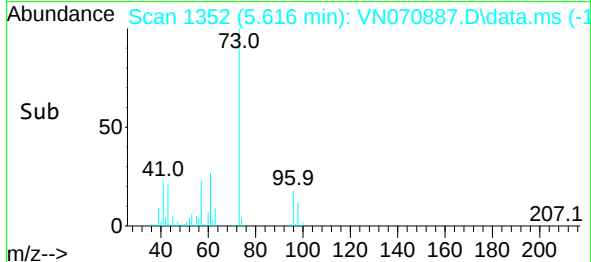
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 149809
Ion Ratio Lower Upper
73 100
57 23.5 16.8 25.2

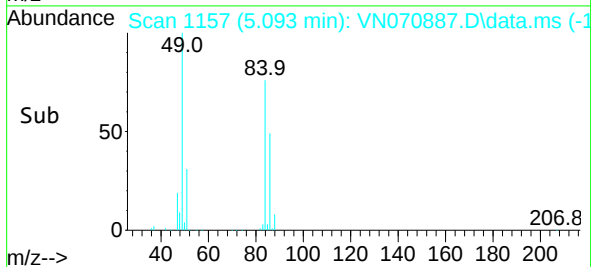
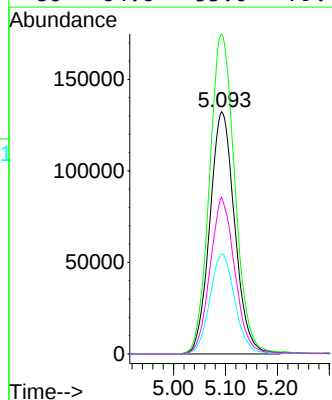
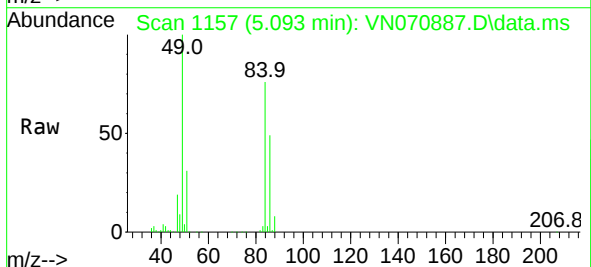
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/02/2022
Supervised By :Mahesh Dadoda 02/07/2022



#20
Methylene Chloride
Concen: 45.131 ug/l
RT: 5.093 min Scan# 1157
Delta R.T. -0.002 min
Lab File: VN070887.D
Acq: 1 Feb 2022 21:59

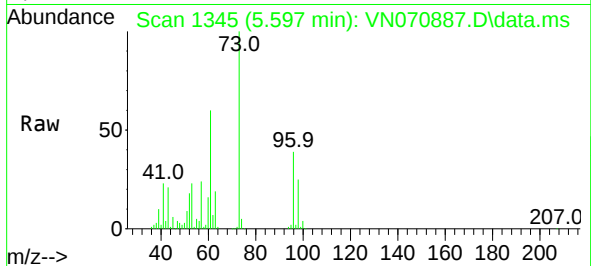
Tgt Ion: 84 Resp: 441573
Ion Ratio Lower Upper
84 100
49 132.0 93.5 140.3
51 41.2 29.4 44.2
86 64.6 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 46.025 ug/l
RT: 5.597 min Scan# 1345
Delta R.T. 0.003 min
Lab File: VN070887.D
Acq: 1 Feb 2022 21:59

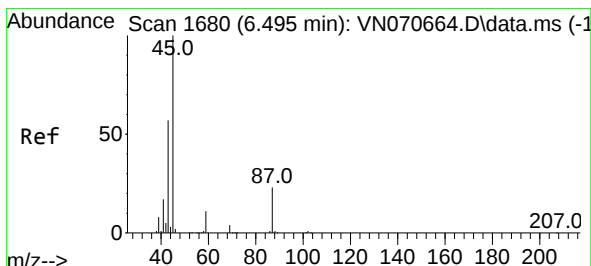
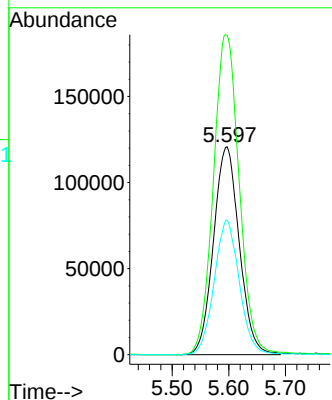
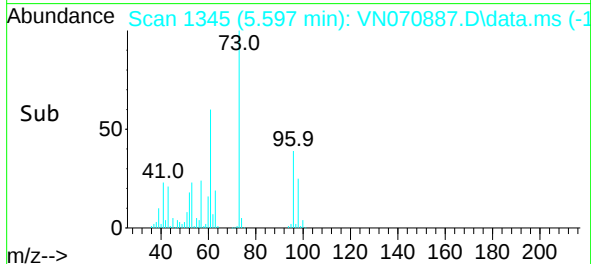
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 382662
Ion Ratio Lower Upper
96 100
61 153.5 105.8 158.6
98 64.7 52.0 78.0

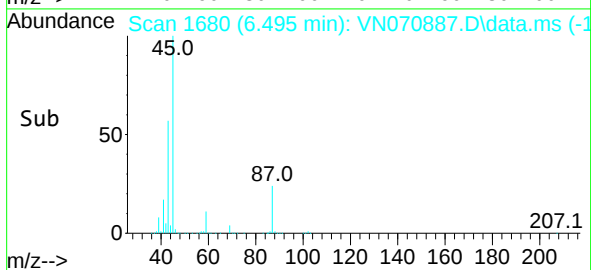
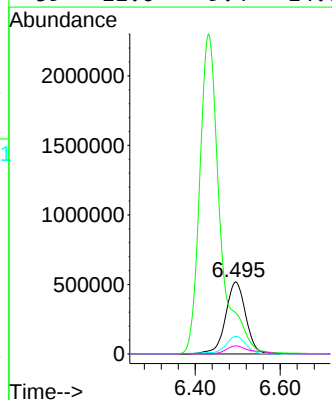
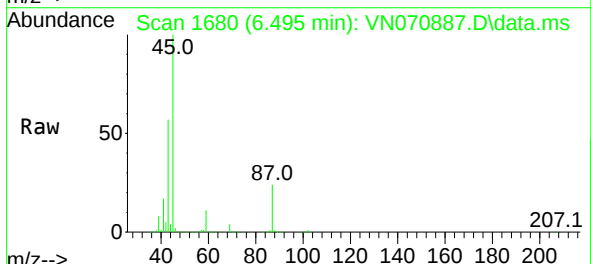
Manual Integrations
APPROVED

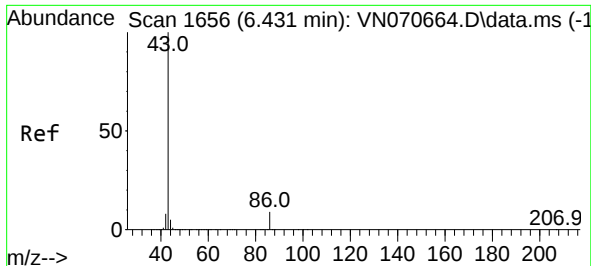
Reviewed By :John Carlone 02/02/2022
Supervised By :Mahesh Dadoda 02/07/2022



#22
Diisopropyl ether
Concen: 47.797 ug/l
RT: 6.495 min Scan# 1680
Delta R.T. 0.000 min
Lab File: VN070887.D
Acq: 1 Feb 2022 21:59

Tgt Ion: 45 Resp: 1705222
Ion Ratio Lower Upper
45 100
43 56.5 51.7 77.5
87 24.0 23.2 34.8
59 11.0 9.4 14.0





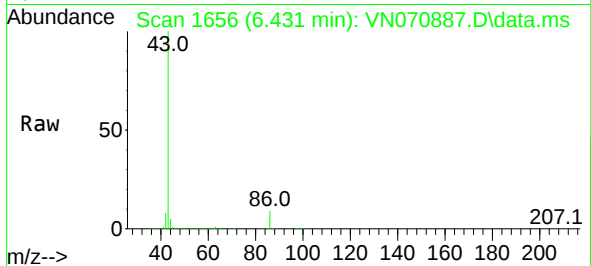
#23
 Vinyl Acetate
 Concen: 251.981 ug/l
 RT: 6.431 min Scan# 1656
 Delta R.T. -0.000 min
 Lab File: VN070887.D
 Acq: 1 Feb 2022 21:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

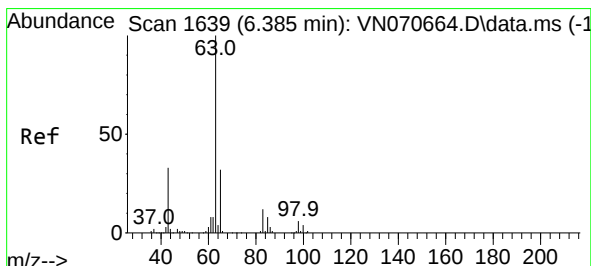
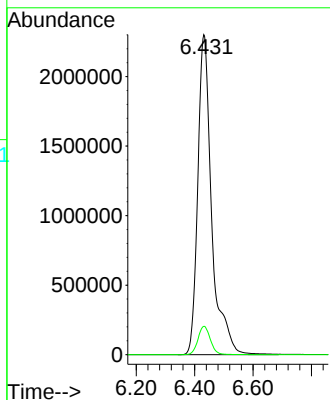
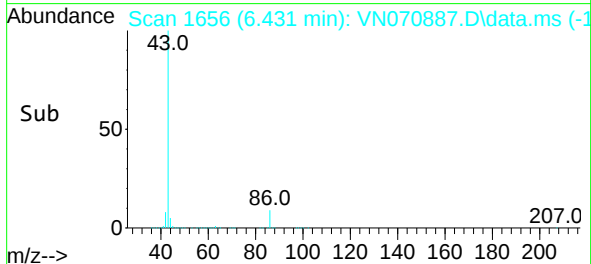


Tgt Ion: 43 Resp: 762042
 Ion Ratio Lower Upper
 43 100
 86 8.9 8.5 12.7

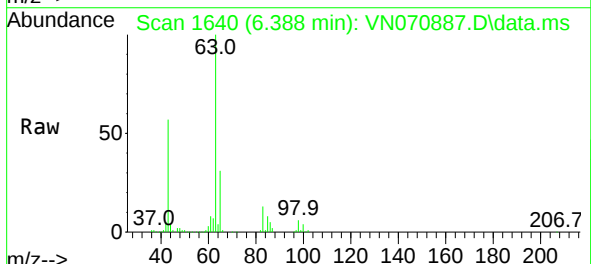
Manual Integrations

APPROVED

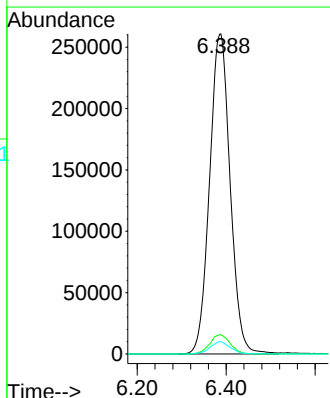
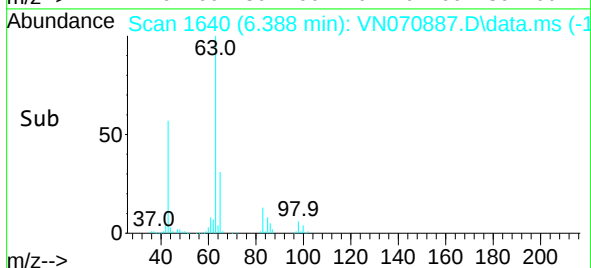
Reviewed By :John Carlone 02/02/2022
 Supervised By :Mahesh Dadoda 02/07/2022

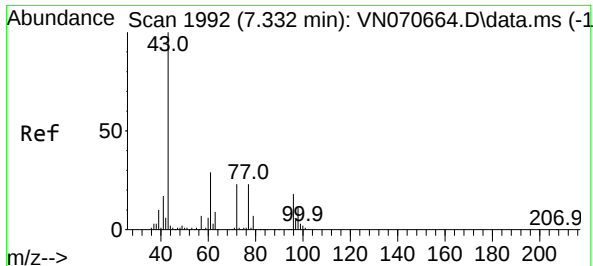


#24
 1,1-Dichloroethane
 Concen: 46.890 ug/l
 RT: 6.388 min Scan# 1640
 Delta R.T. 0.003 min
 Lab File: VN070887.D
 Acq: 1 Feb 2022 21:59



Tgt Ion: 63 Resp: 836795
 Ion Ratio Lower Upper
 63 100
 98 6.0 3.3 9.9
 100 3.9 2.1 6.5





#25

2-Butanone

Concen: 223.035 ug/l

RT: 7.335 min Scan# 1992

Delta R.T. 0.003 min

Lab File: VN070887.D

Acq: 1 Feb 2022 21:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 208464

Ion Ratio Lower Upper

43 100

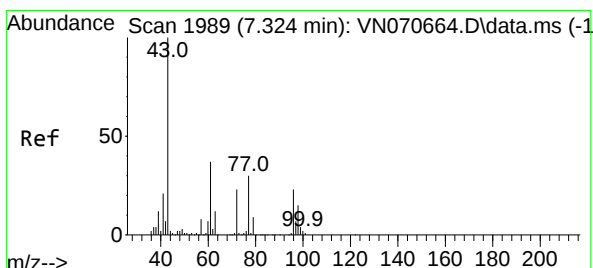
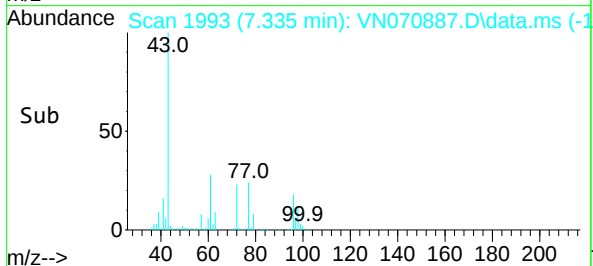
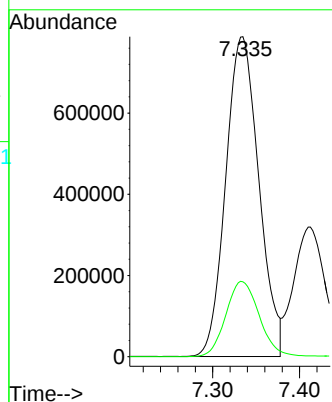
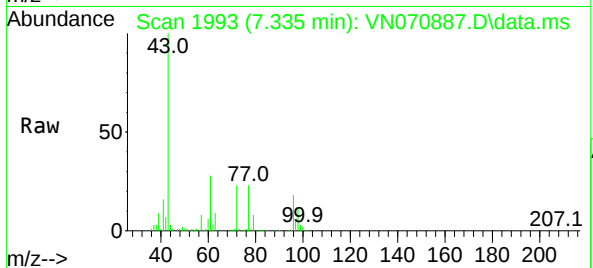
72 23.4 21.7 32.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/02/2022

Supervised By :Mahesh Dadoda 02/07/2022



#26

2,2-Dichloropropane

Concen: 46.809 ug/l

RT: 7.324 min Scan# 1989

Delta R.T. -0.000 min

Lab File: VN070887.D

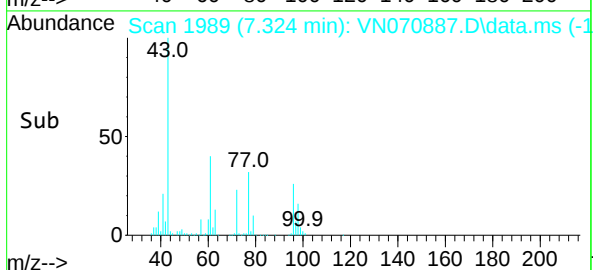
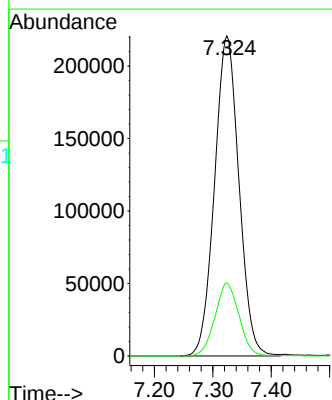
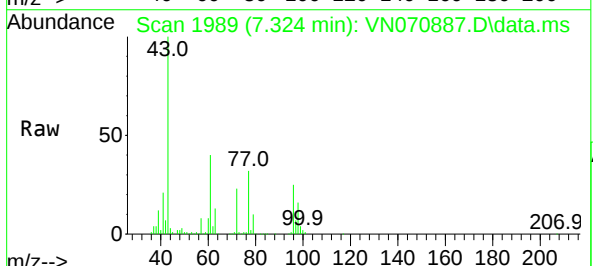
Acq: 1 Feb 2022 21:59

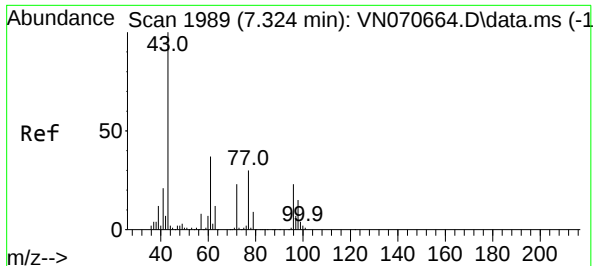
Tgt Ion: 77 Resp: 640454

Ion Ratio Lower Upper

77 100

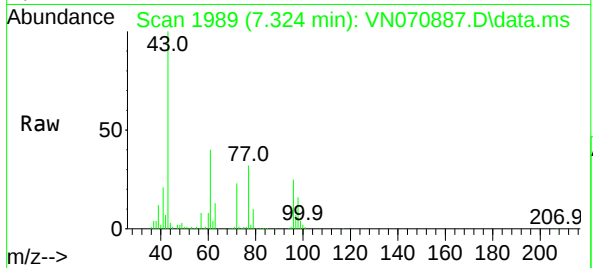
97 22.4 11.6 34.8





#27
cis-1,2-Dichloroethene
Concen: 47.580 ug/l
RT: 7.324 min Scan# 1989
Delta R.T. -0.000 min
Lab File: VN070887.D
Acq: 1 Feb 2022 21:59

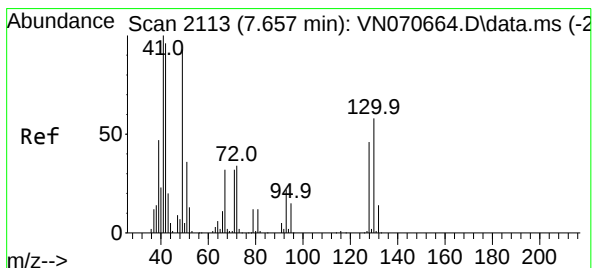
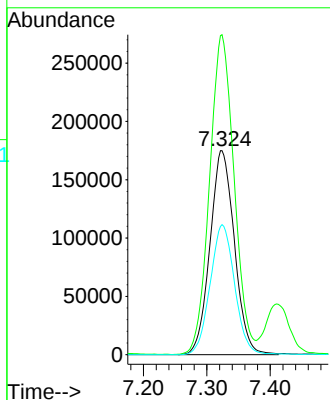
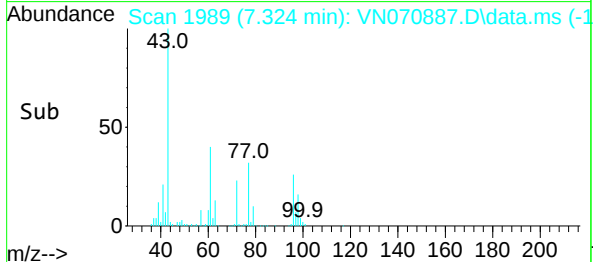
Instrument : MSVOA_N
ClientSampleId : VSTDCCC050EC



Tgt Ion: 96 Resp: 469930
Ion Ratio Lower Upper
96 100
61 157.1 0.0 275.0
98 63.6 0.0 129.6

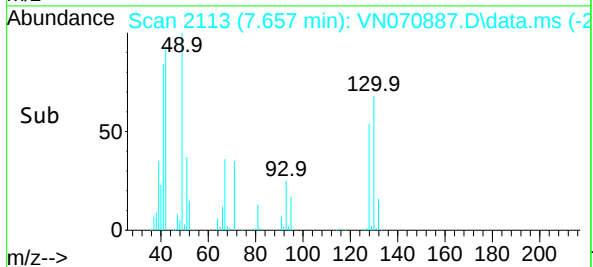
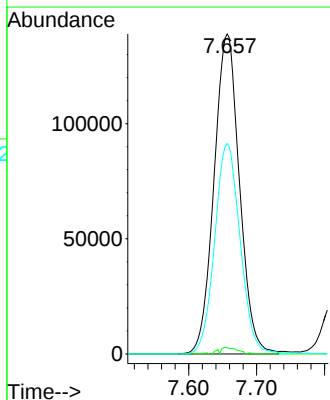
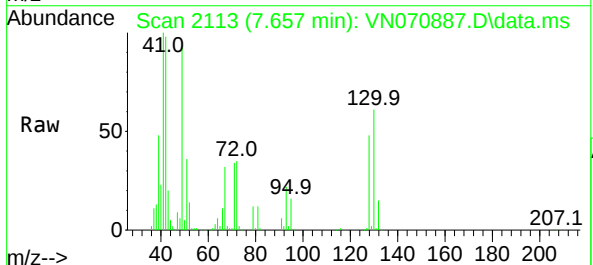
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/02/2022
Supervised By :Mahesh Dadoda 02/07/2022



#28
Bromochloromethane
Concen: 45.080 ug/l
RT: 7.657 min Scan# 2113
Delta R.T. -0.000 min
Lab File: VN070887.D
Acq: 1 Feb 2022 21:59

Tgt Ion: 49 Resp: 361197
Ion Ratio Lower Upper
49 100
129 1.2 0.0 4.0
130 65.7 67.8 101.8#





#29

Tetrahydrofuran

Concen: 243.106 ug/l

RT: 7.683 min Scan# 2123

Delta R.T. 0.000 min

Lab File: VN070887.D

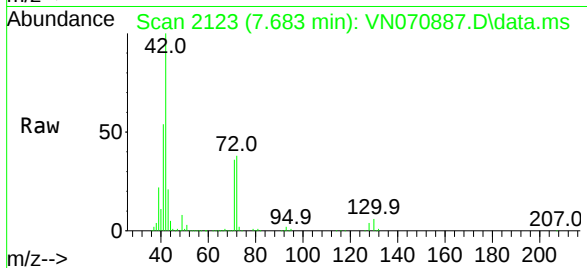
Acq: 1 Feb 2022 21:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



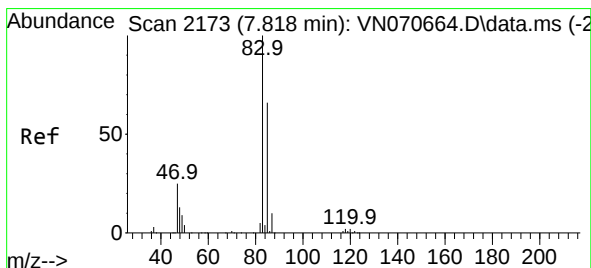
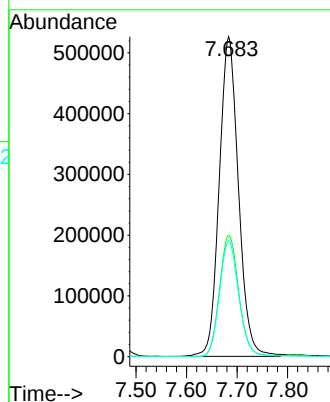
Tgt Ion:	42	Ratio	100	Lower	Upper
72	38.0	36.3	54.5		
71	36.5	34.7	52.1		

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/02/2022

Supervised By :Mahesh Dadoda 02/07/2022



#30

Chloroform

Concen: 45.539 ug/l

RT: 7.817 min Scan# 2173

Delta R.T. -0.001 min

Lab File: VN070887.D

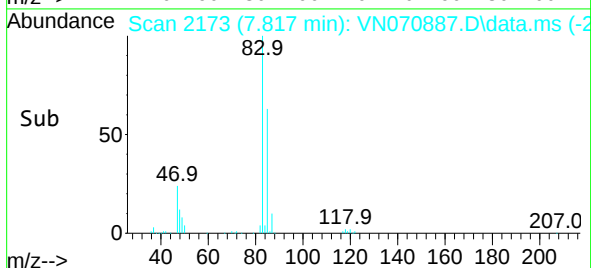
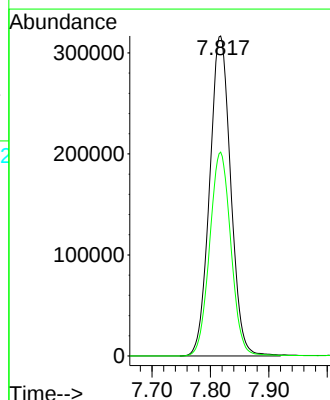
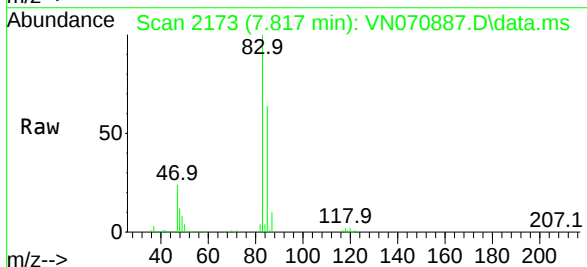
Acq: 1 Feb 2022 21:59

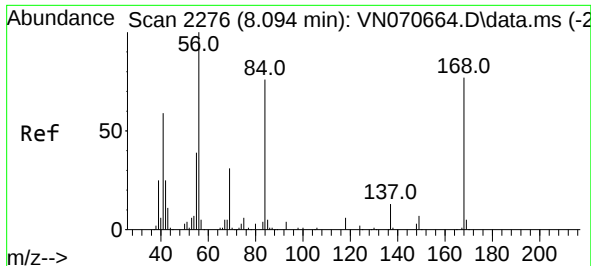
Tgt Ion: 83 Resp: 794372

Ion Ratio Lower Upper

83 100

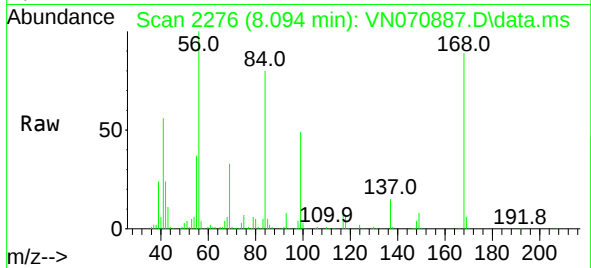
85 63.7 51.9 77.9





#31
Cyclohexane
Concen: 41.517 ug/l
RT: 8.094 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070887.D
Acq: 1 Feb 2022 21:59

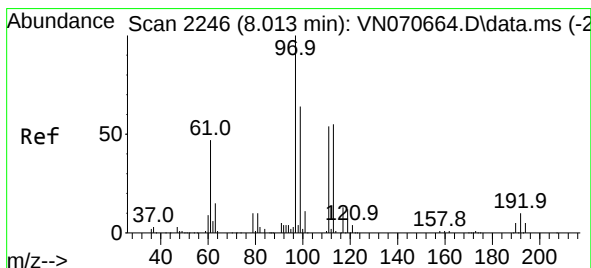
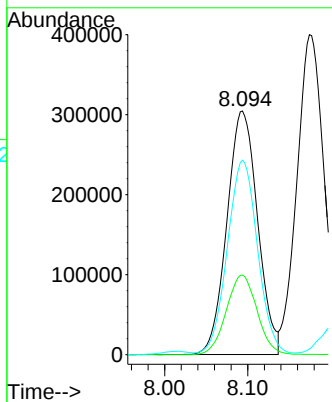
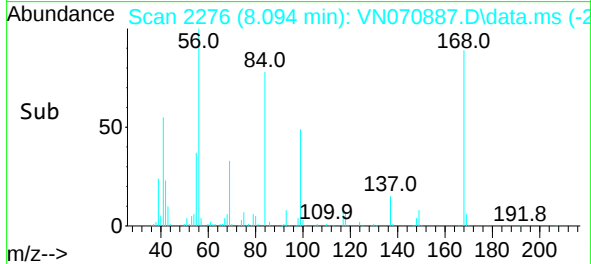
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 78237
Ion Ratio Lower Upper
56 100
69 32.7 27.1 40.7
84 78.5 73.4 110.0

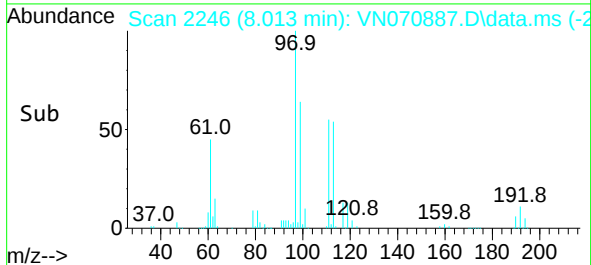
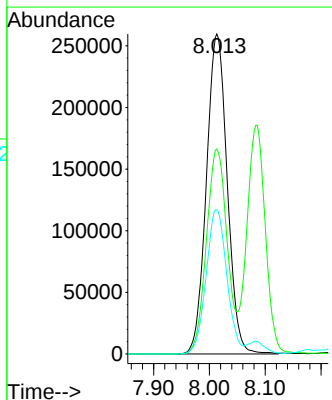
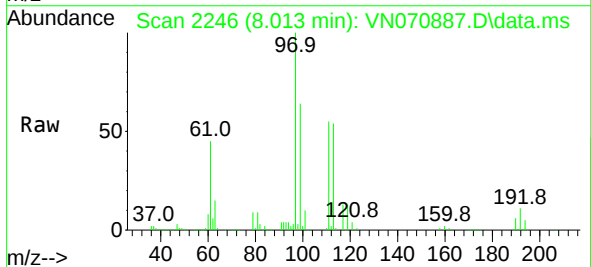
Manual Integrations
APPROVED

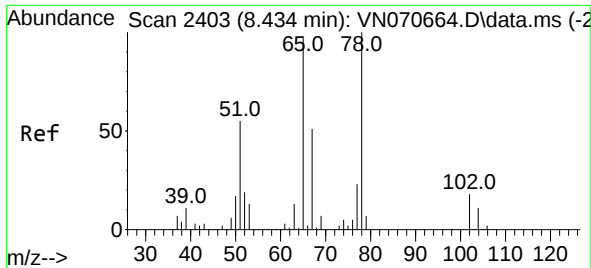
Reviewed By :John Carlone 02/02/2022
Supervised By :Mahesh Dadoda 02/07/2022



#32
1,1,1-Trichloroethane
Concen: 48.588 ug/l
RT: 8.013 min Scan# 2246
Delta R.T. 0.000 min
Lab File: VN070887.D
Acq: 1 Feb 2022 21:59

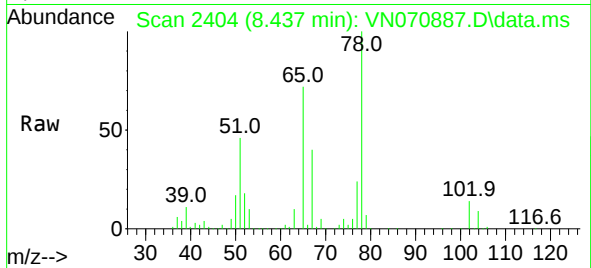
Tgt Ion: 97 Resp: 673030
Ion Ratio Lower Upper
97 100
99 63.9 50.1 75.1
61 45.0 35.2 52.8





#33
 1,2-Dichloroethane-d4
 Concen: 45.724 ug/l
 RT: 8.437 min Scan# 2403
 Delta R.T. 0.003 min
 Lab File: VN070887.D
 Acq: 1 Feb 2022 21:59

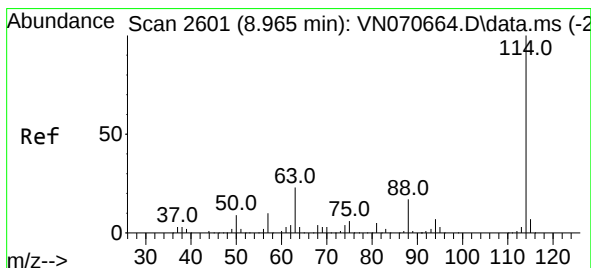
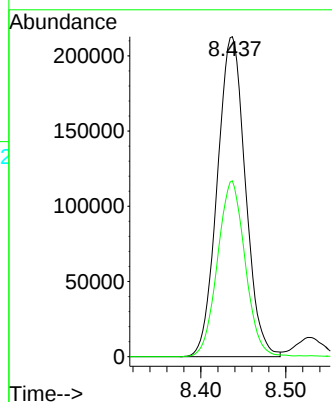
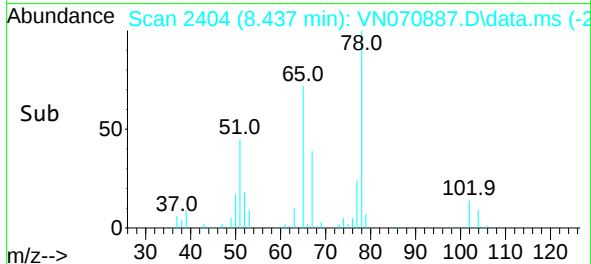
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



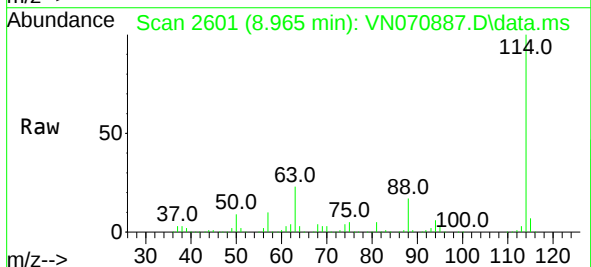
Tgt Ion: 65 Resp: 48932
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 103.0

Manual Integrations
 APPROVED

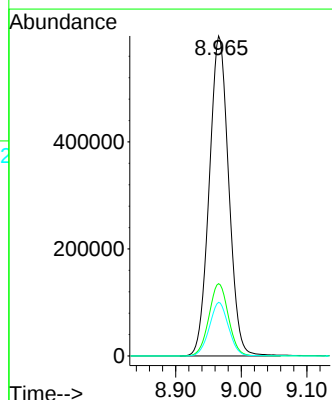
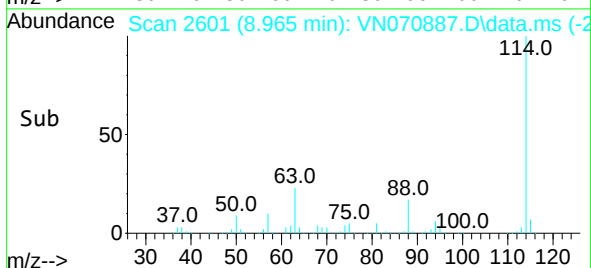
Reviewed By :John Carlone 02/02/2022
 Supervised By :Mahesh Dadoda 02/07/2022

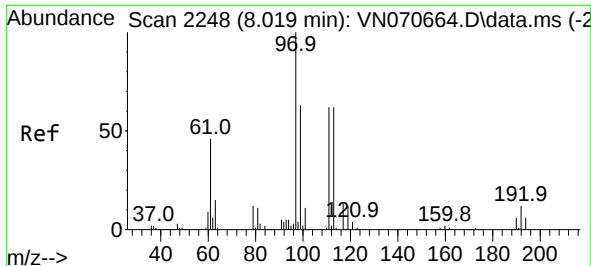


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.965 min Scan# 2601
 Delta R.T. 0.000 min
 Lab File: VN070887.D
 Acq: 1 Feb 2022 21:59



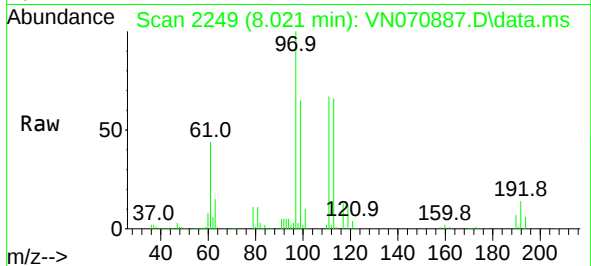
Tgt Ion:114 Resp: 1230289
 Ion Ratio Lower Upper
 114 100
 63 22.6 0.0 37.8
 88 16.8 0.0 27.4





#35
Dibromofluoromethane
Concen: 49.072 ug/l
RT: 8.021 min Scan# 21
Delta R.T. 0.002 min
Lab File: VN070887.D
Acq: 1 Feb 2022 21:59

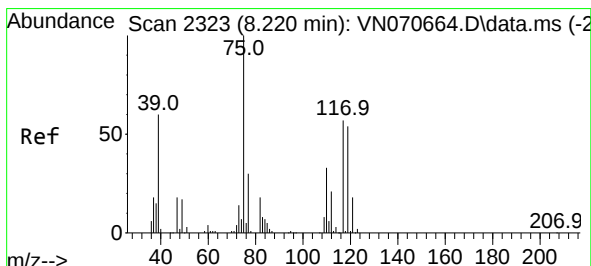
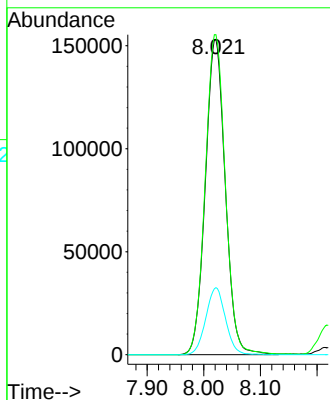
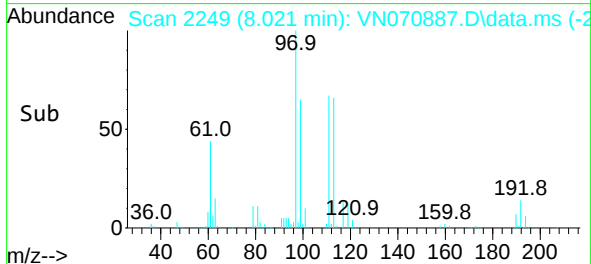
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



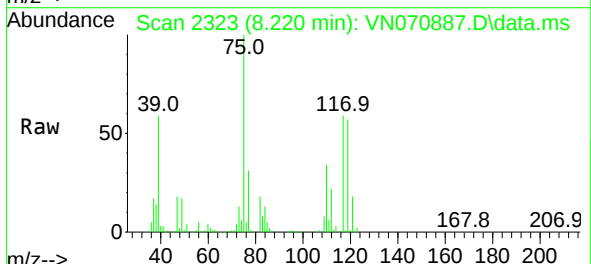
Tgt Ion:113 Resp: 374494
Ion Ratio Lower Upper
113 100
111 102.3 82.2 123.2
192 20.9 16.9 25.3

Manual Integrations
APPROVED

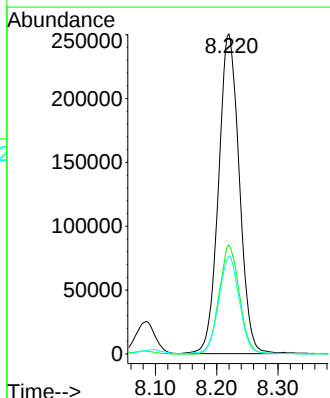
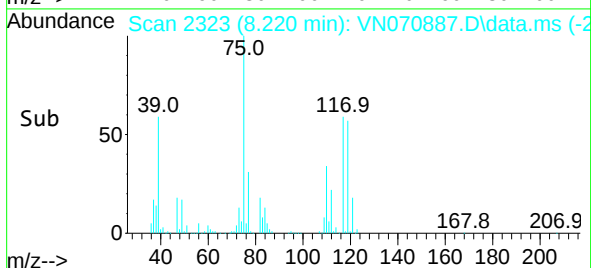
Reviewed By :John Carlone 02/02/2022
Supervised By :Mahesh Dadoda 02/07/2022

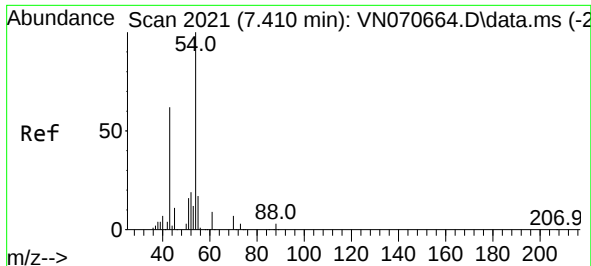


#36
1,1-Dichloropropene
Concen: 45.729 ug/l
RT: 8.220 min Scan# 2323
Delta R.T. -0.000 min
Lab File: VN070887.D
Acq: 1 Feb 2022 21:59



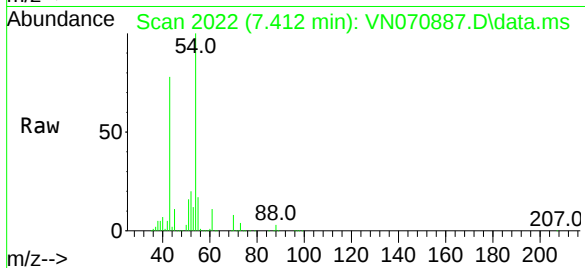
Tgt Ion: 75 Resp: 587502
Ion Ratio Lower Upper
75 100
110 33.4 18.4 55.2
77 30.3 24.4 36.6





#37
Ethyl Acetate
Concen: 47.845 ug/l
RT: 7.412 min Scan# 2021
Delta R.T. 0.002 min
Lab File: VN070887.D
Acq: 1 Feb 2022 21:59

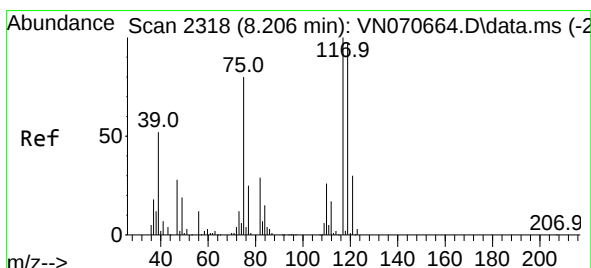
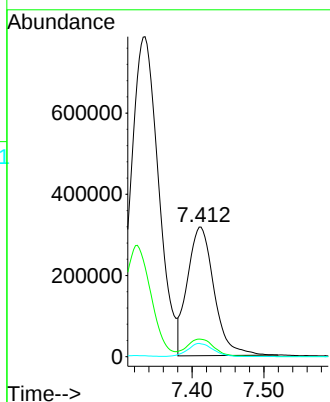
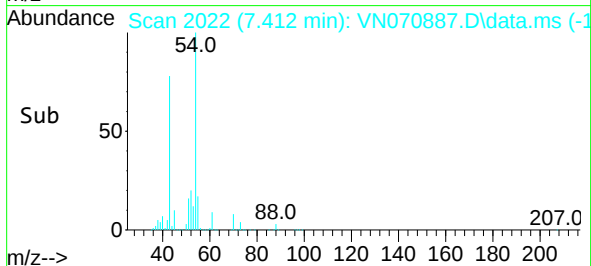
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 816072
Ion Ratio Lower Upper
43 100
61 13.7 11.5 17.3
70 9.7 7.9 11.9

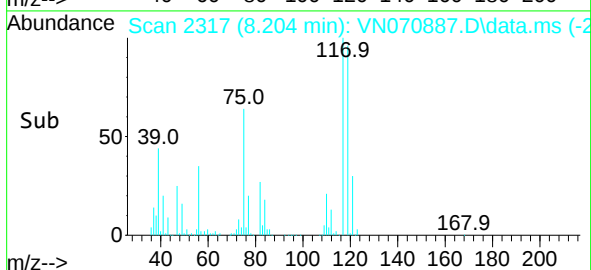
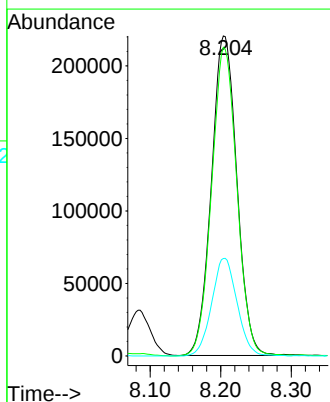
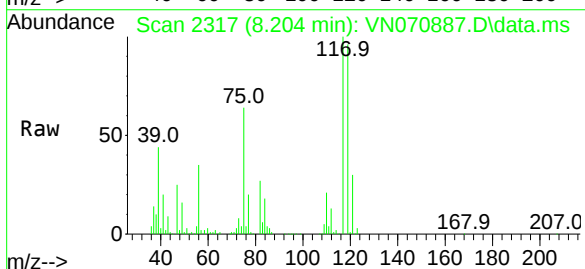
Manual Integrations
APPROVED

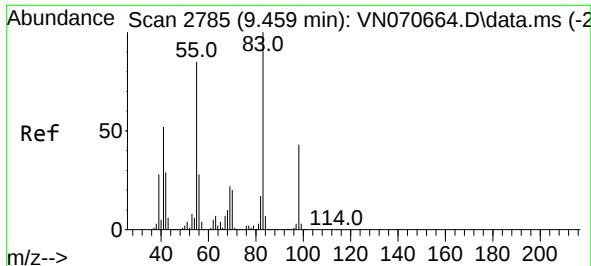
Reviewed By :John Carlone 02/02/2022
Supervised By :Mahesh Dadoda 02/07/2022



#38
Carbon Tetrachloride
Concen: 48.347 ug/l
RT: 8.204 min Scan# 2317
Delta R.T. -0.002 min
Lab File: VN070887.D
Acq: 1 Feb 2022 21:59

Tgt Ion:117 Resp: 552571
Ion Ratio Lower Upper
117 100
119 96.5 76.1 114.1
121 30.5 24.2 36.2





#39

Methylcyclohexane

Concen: 45.184 ug/l

RT: 9.459 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN070887.D

Acq: 1 Feb 2022 21:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

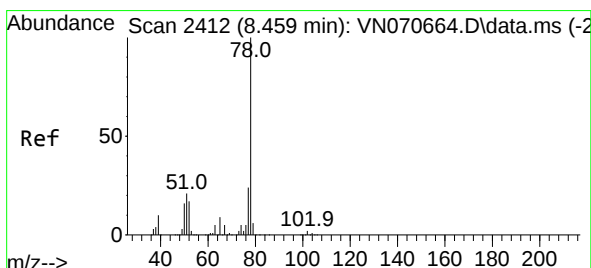
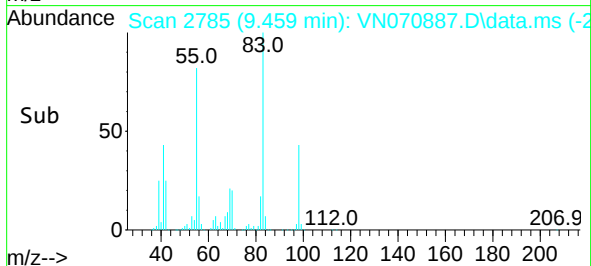
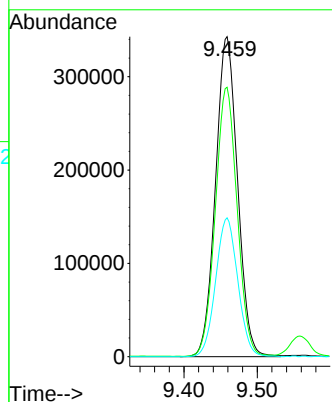
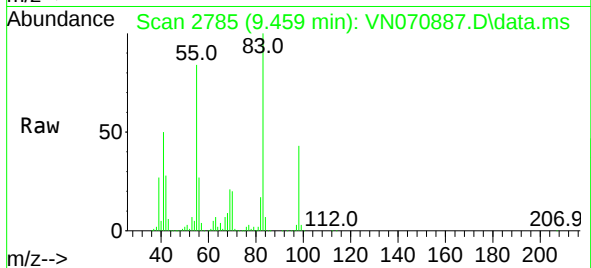
Tgt Ion:	83	Resp:	716654
Ion	Ratio	Lower	Upper
83	100		
55	84.1	58.1	87.1
98	43.4	38.4	57.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/02/2022

Supervised By :Mahesh Dadoda 02/07/2022



#40

Benzene

Concen: 46.995 ug/l

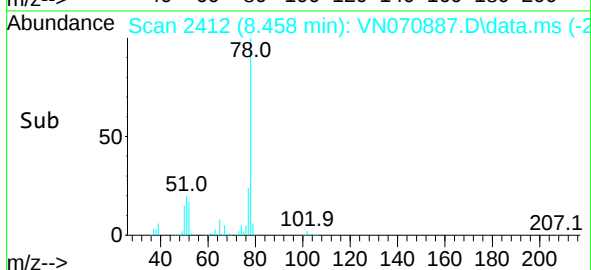
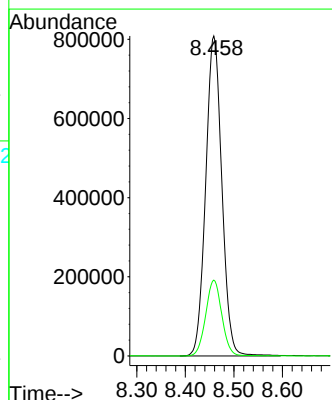
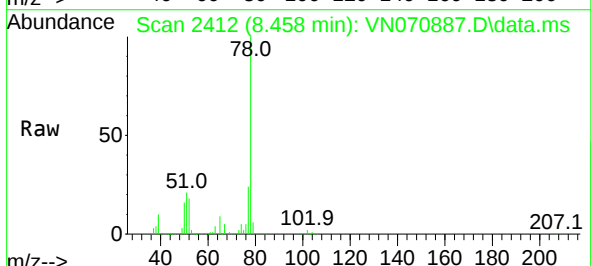
RT: 8.458 min Scan# 2412

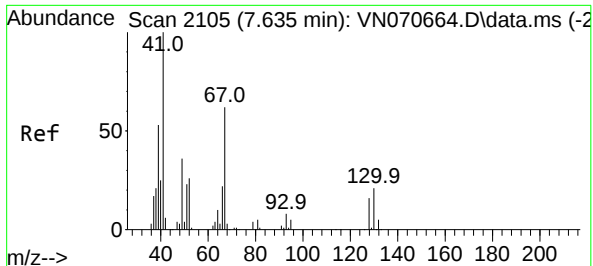
Delta R.T. -0.001 min

Lab File: VN070887.D

Acq: 1 Feb 2022 21:59

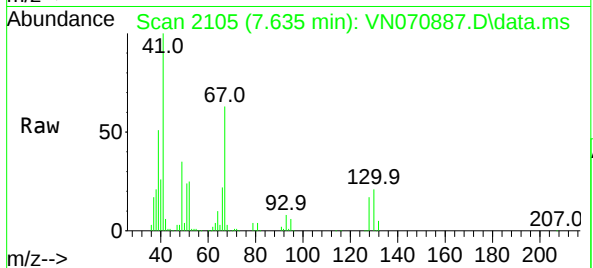
Tgt Ion:	78	Resp:	1870797
Ion	Ratio	Lower	Upper
78	100		
77	23.7	18.6	27.8





#41
Methacrylonitrile
Concen: 50.255 ug/l
RT: 7.635 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN070887.D
Acq: 1 Feb 2022 21:59

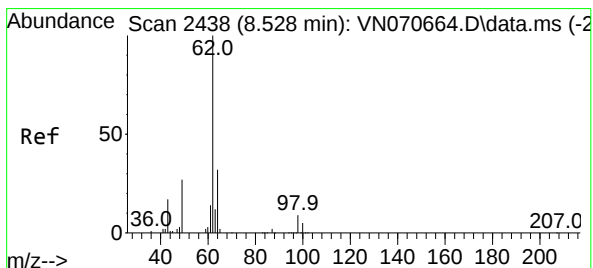
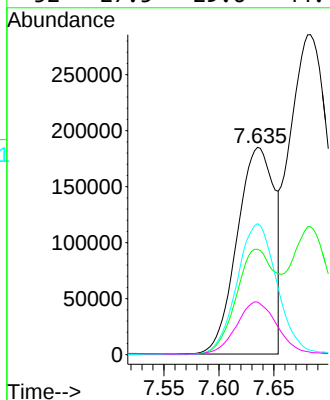
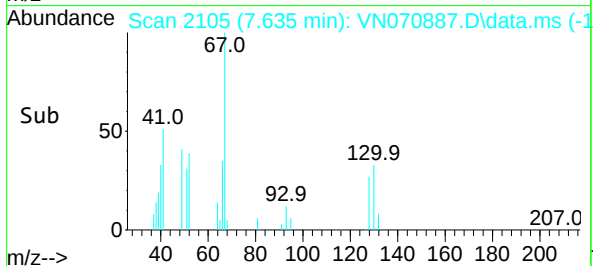
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 436089
Ion Ratio Lower Upper
41 100
39 53.6 48.1 72.1
67 68.7 68.3 102.5
52 27.5 29.6 44.4#

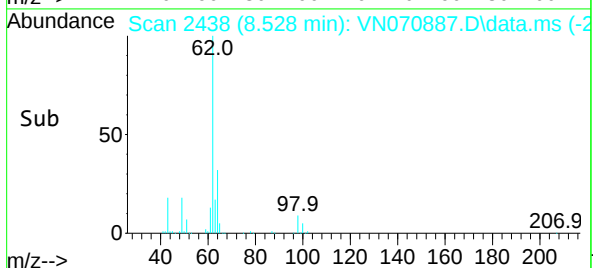
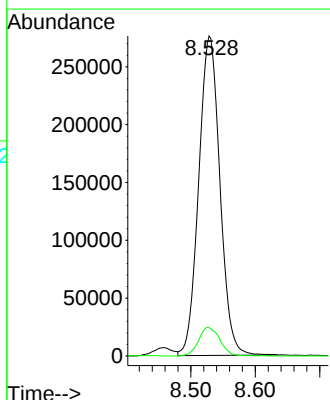
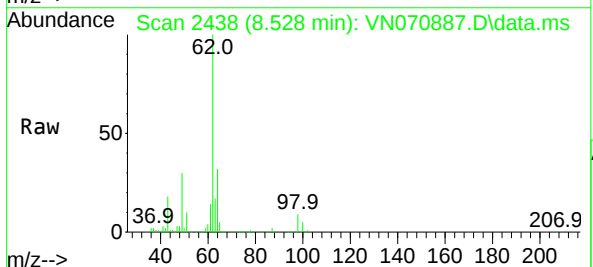
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/02/2022
Supervised By :Mahesh Dadoda 02/07/2022



#42
1,2-Dichloroethane
Concen: 45.664 ug/l
RT: 8.528 min Scan# 2438
Delta R.T. 0.000 min
Lab File: VN070887.D
Acq: 1 Feb 2022 21:59

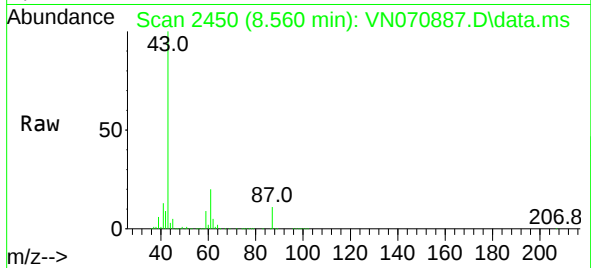
Tgt Ion: 62 Resp: 630308
Ion Ratio Lower Upper
62 100
98 9.1 0.0 17.6





#43
Isopropyl Acetate
Concen: 53.350 ug/l
RT: 8.560 min Scan# 2450
Delta R.T. 0.000 min
Lab File: VN070887.D
Acq: 1 Feb 2022 21:59

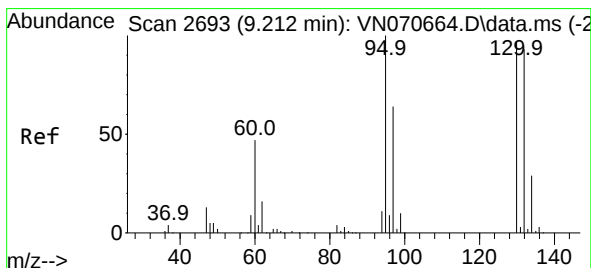
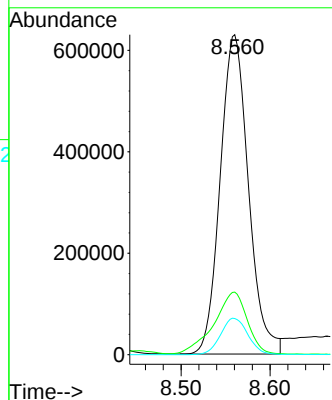
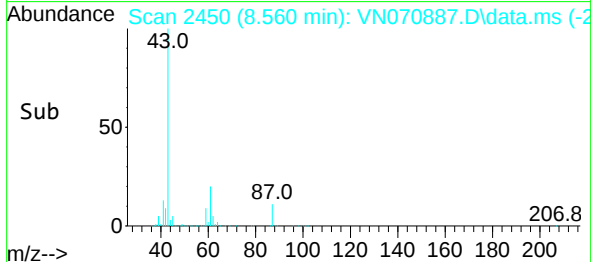
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 138988
Ion Ratio Lower Upper
43 100
61 23.0 20.4 30.6
87 11.1 11.2 16.8

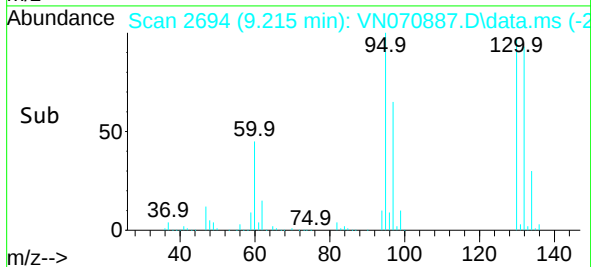
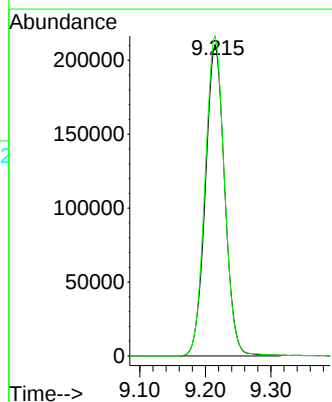
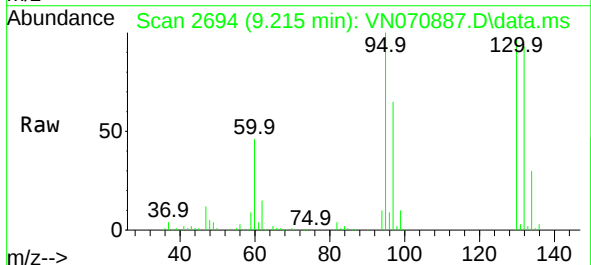
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/02/2022
Supervised By :Mahesh Dadoda 02/07/2022



#44
Trichloroethene
Concen: 47.705 ug/l
RT: 9.215 min Scan# 2694
Delta R.T. 0.003 min
Lab File: VN070887.D
Acq: 1 Feb 2022 21:59

Tgt Ion:130 Resp: 430524
Ion Ratio Lower Upper
130 100
95 102.8 0.0 191.2





#45

1,2-Dichloropropane

Concen: 47.833 ug/l

RT: 9.488 min Scan# 2796

Delta R.T. 0.000 min

Lab File: VN070887.D

Acq: 1 Feb 2022 21:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 518079

Ion Ratio Lower Upper

63 100

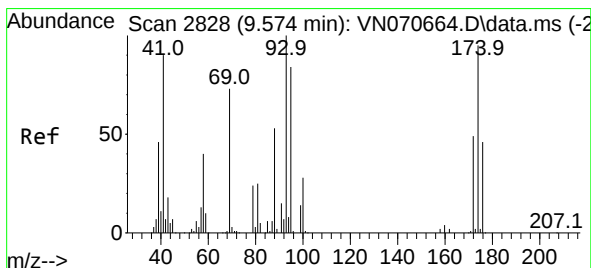
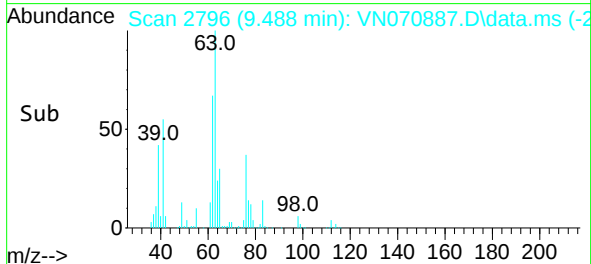
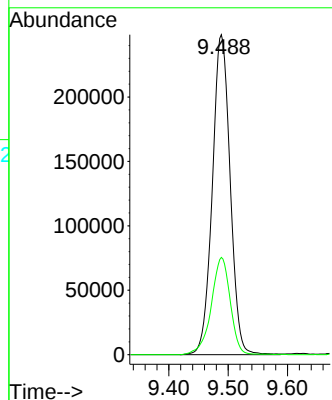
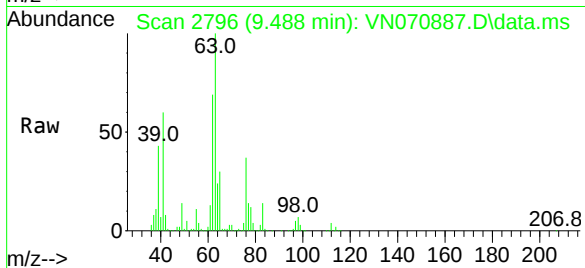
65 30.4 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/02/2022

Supervised By :Mahesh Dadoda 02/07/2022



#46

Dibromomethane

Concen: 48.207 ug/l

RT: 9.574 min Scan# 2828

Delta R.T. 0.000 min

Lab File: VN070887.D

Acq: 1 Feb 2022 21:59

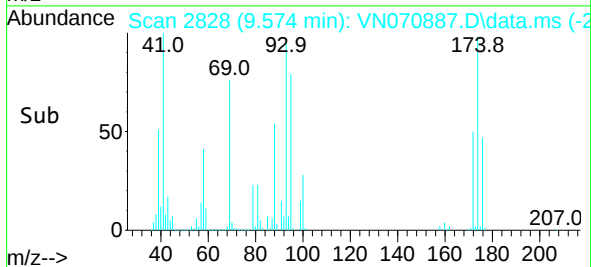
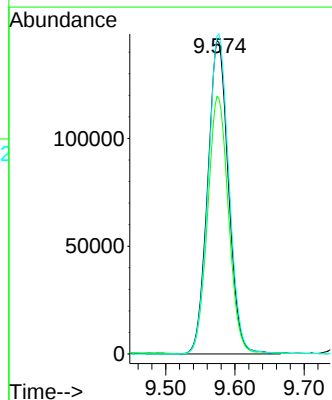
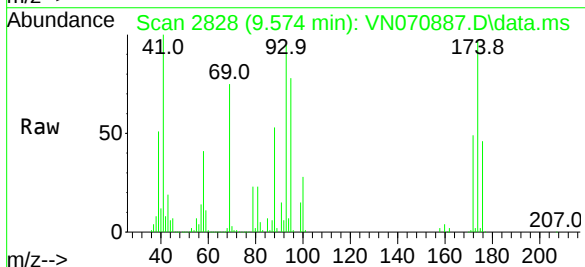
Tgt Ion: 93 Resp: 303599

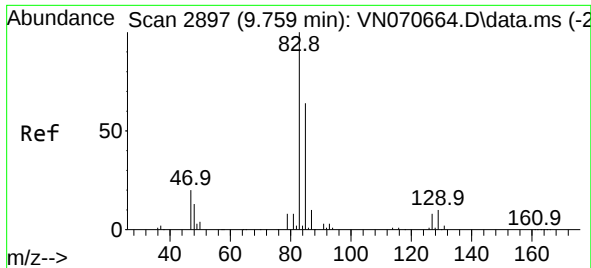
Ion Ratio Lower Upper

93 100

95 82.9 65.9 98.9

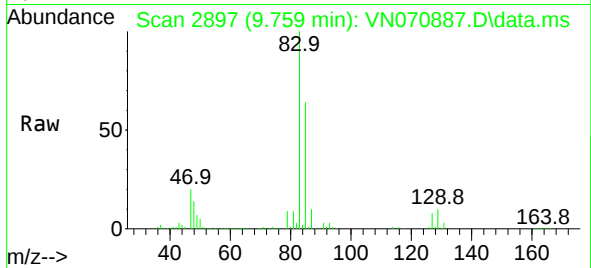
174 102.2 84.6 127.0





#47
Bromodichloromethane
Concen: 49.137 ug/l
RT: 9.759 min Scan# 2897
Delta R.T. 0.000 min
Lab File: VN070887.D
Acq: 1 Feb 2022 21:59

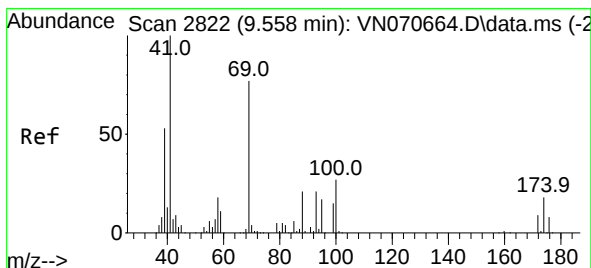
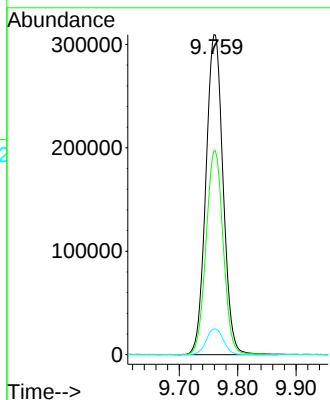
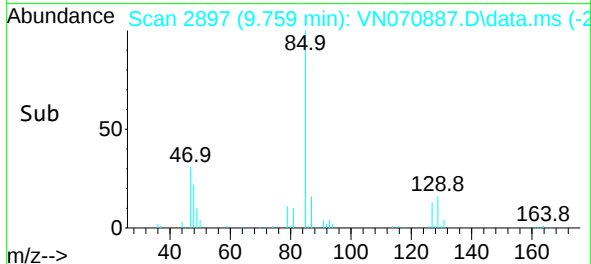
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



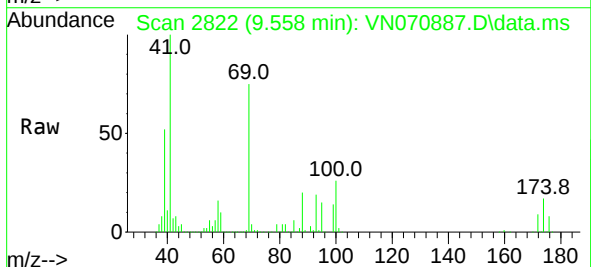
Tgt Ion: 83 Resp: 63256
Ion Ratio Lower Upper
83 100
85 63.7 50.9 76.3
127 8.1 7.1 10.7

Manual Integrations
APPROVED

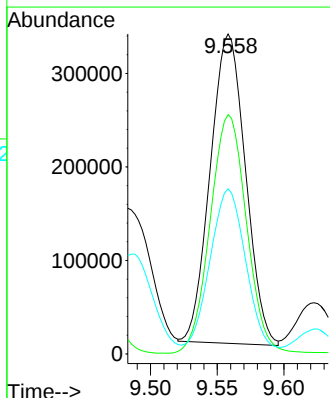
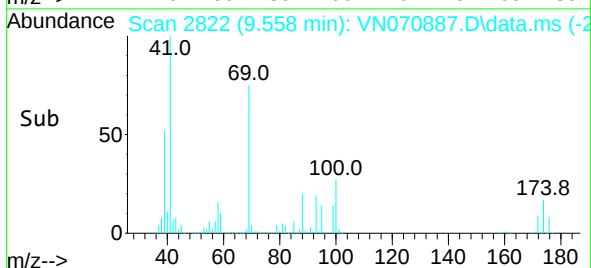
Reviewed By :John Carlone 02/02/2022
Supervised By :Mahesh Dadoda 02/07/2022

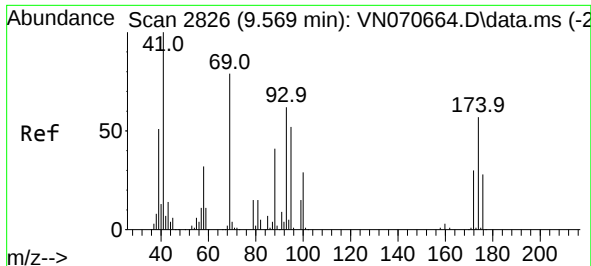


#48
Methyl methacrylate
Concen: 48.897 ug/l
RT: 9.558 min Scan# 2822
Delta R.T. 0.000 min
Lab File: VN070887.D
Acq: 1 Feb 2022 21:59



Tgt Ion: 41 Resp: 606876
Ion Ratio Lower Upper
41 100
69 79.8 72.4 108.6
39 51.1 58.4 87.6#





#49

1,4-Dioxane

Concen: 1031.879 ug/l

RT: 9.569 min Scan# 2826

Delta R.T. -0.000 min

Lab File: VN070887.D

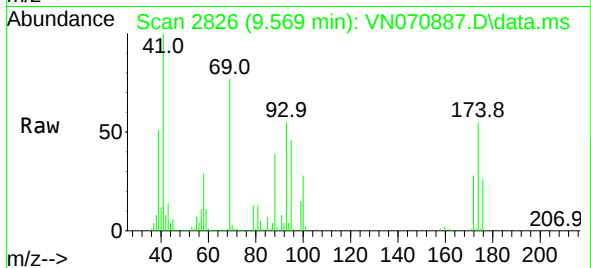
Acq: 1 Feb 2022 21:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



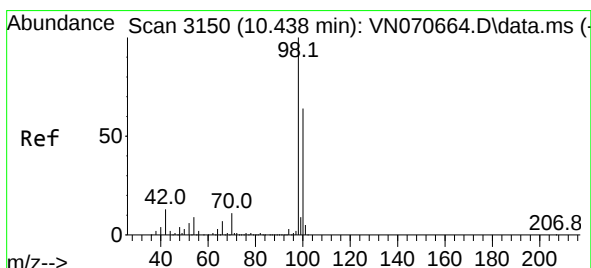
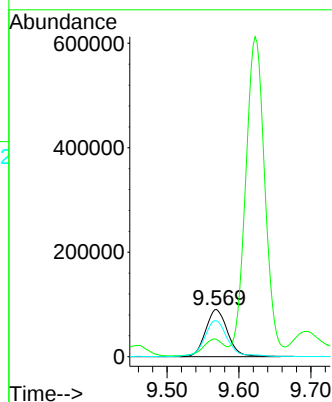
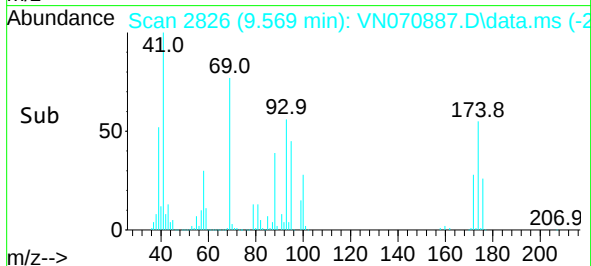
Tgt Ion:	88	Resp:	192372
Ion Ratio	Lower	Upper	
88	100		
43	33.7	23.4	35.2
58	81.1	50.6	75.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/02/2022

Supervised By :Mahesh Dadoda 02/07/2022



#50

Toluene-d8

Concen: 47.002 ug/l

RT: 10.440 min Scan# 3151

Delta R.T. 0.002 min

Lab File: VN070887.D

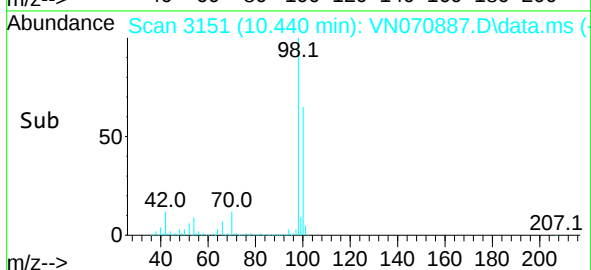
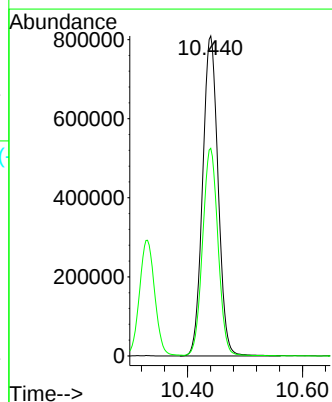
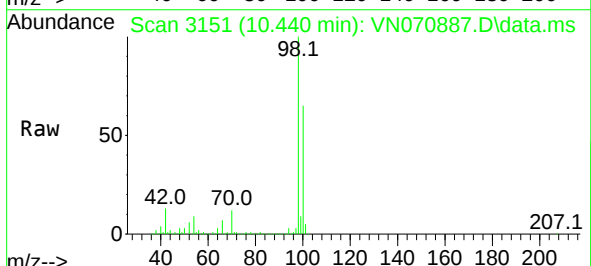
Acq: 1 Feb 2022 21:59

Tgt Ion: 98 Resp: 1511103

Ion Ratio Lower Upper

98 100

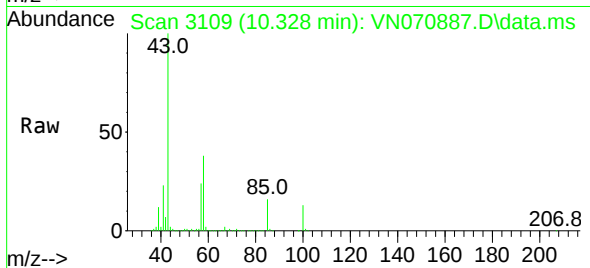
100 64.5 50.4 75.6





#51
4-Methyl-2-Pentanone
Concen: 252.569 ug/l
RT: 10.328 min Scan# 3109
Delta R.T. -0.000 min
Lab File: VN070887.D
Acq: 1 Feb 2022 21:59

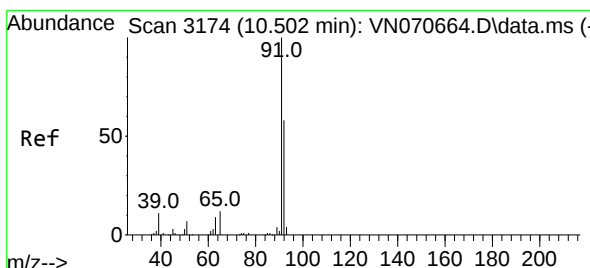
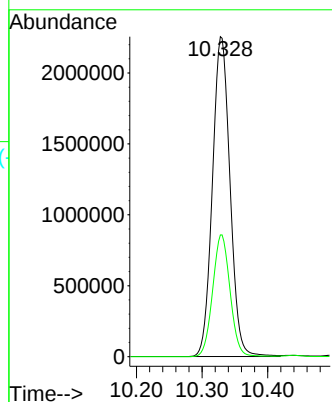
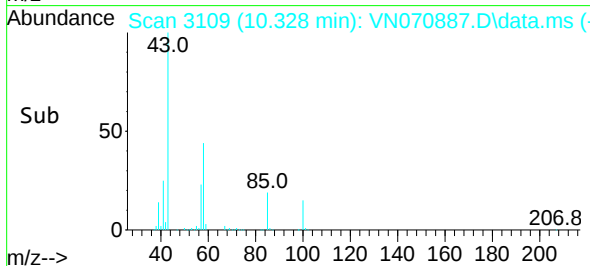
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 4198640
Ion Ratio Lower Upper
43 100
58 37.7 30.4 45.6

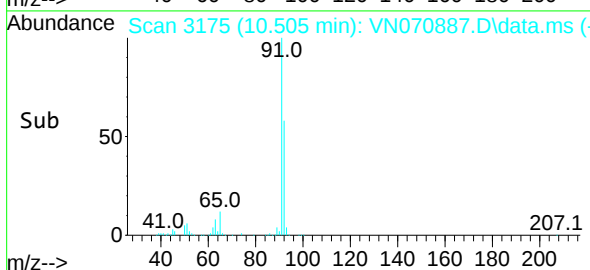
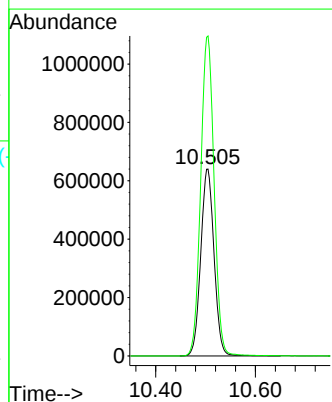
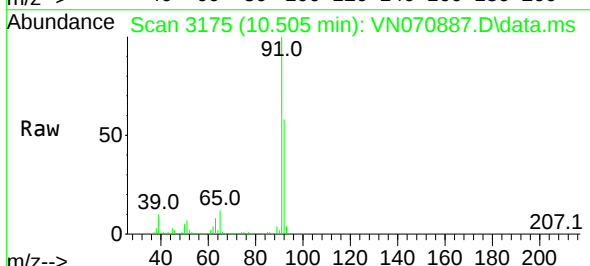
Manual Integrations
APPROVED

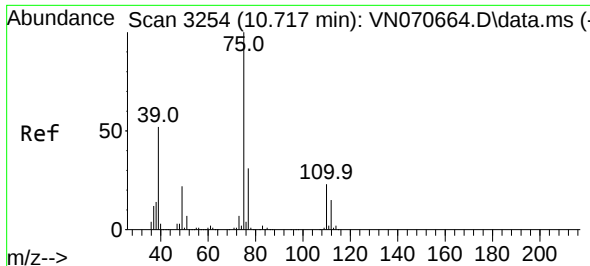
Reviewed By :John Carlone 02/02/2022
Supervised By :Mahesh Dadoda 02/07/2022



#52
Toluene
Concen: 49.817 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. 0.003 min
Lab File: VN070887.D
Acq: 1 Feb 2022 21:59

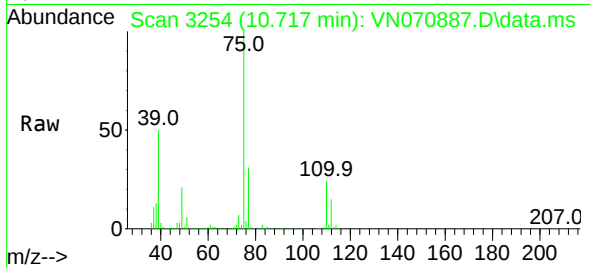
Tgt Ion: 92 Resp: 1186263
Ion Ratio Lower Upper
92 100
91 172.3 142.0 213.0





#53
t-1,3-Dichloropropene
Concen: 46.863 ug/l
RT: 10.717 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN070887.D
Acq: 1 Feb 2022 21:59

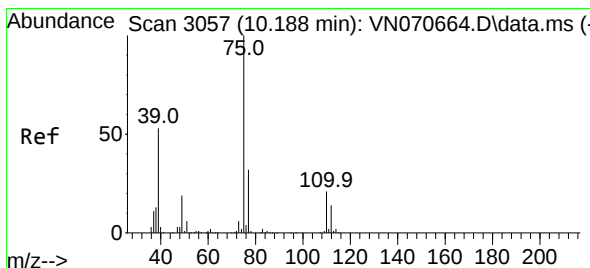
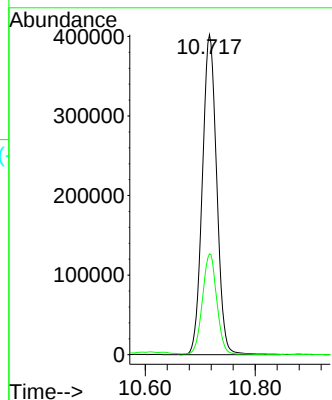
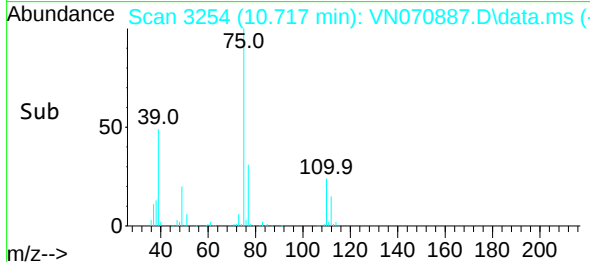
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



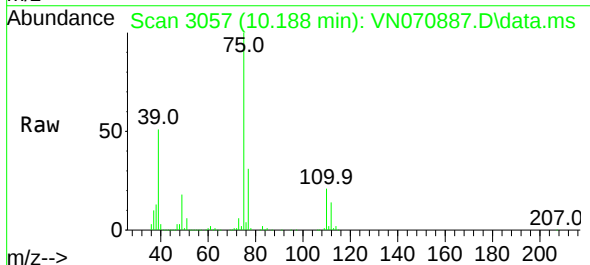
Tgt Ion: 75 Resp: 72913
Ion Ratio Lower Upper
75 100
77 31.4 25.6 38.4

Manual Integrations
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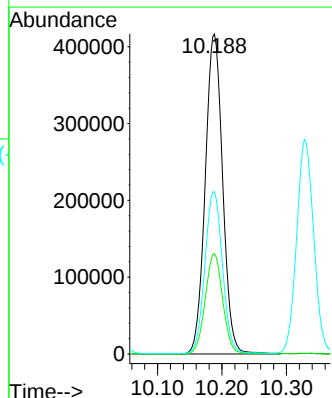
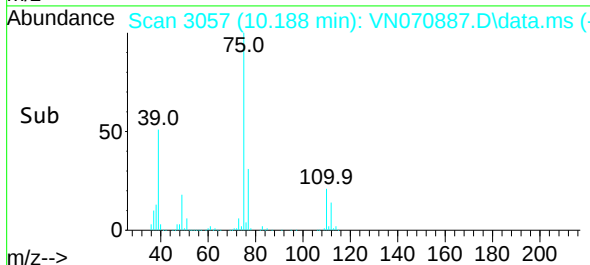
Reviewed By :John Carlone 02/02/2022
Supervised By :Mahesh Dadoda 02/07/2022

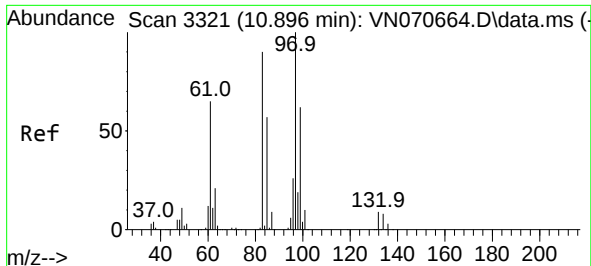


#54
cis-1,3-Dichloropropene
Concen: 50.797 ug/l
RT: 10.188 min Scan# 3057
Delta R.T. 0.000 min
Lab File: VN070887.D
Acq: 1 Feb 2022 21:59



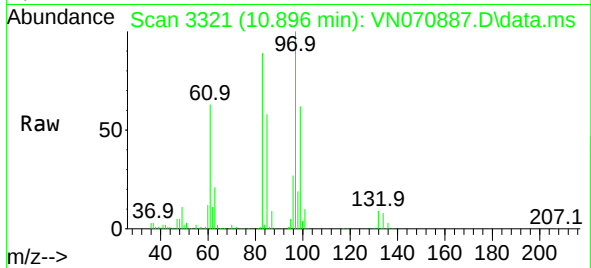
Tgt Ion: 75 Resp: 784243
Ion Ratio Lower Upper
75 100
77 31.3 26.4 39.6
39 50.6 42.5 63.7





#55
1,1,2-Trichloroethane
Concen: 48.465 ug/l
RT: 10.896 min Scan# 3321
Delta R.T. 0.000 min
Lab File: VN070887.D
Acq: 1 Feb 2022 21:59

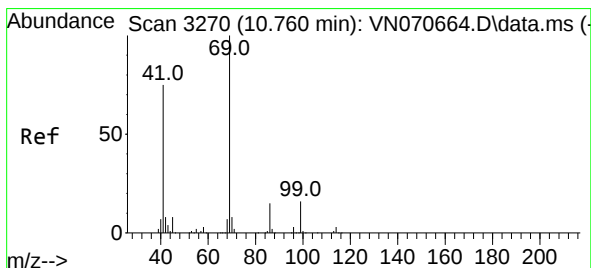
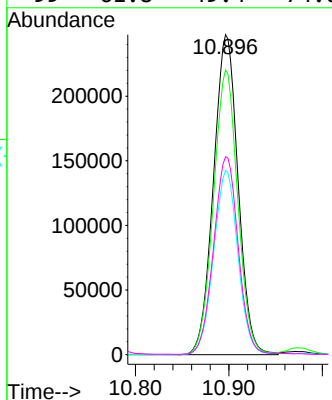
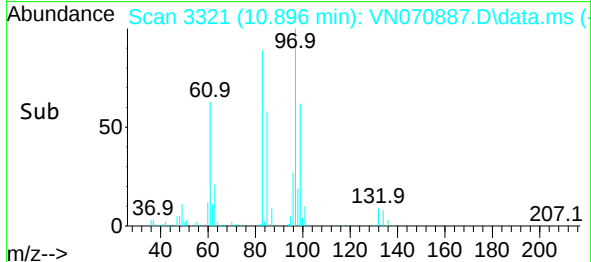
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



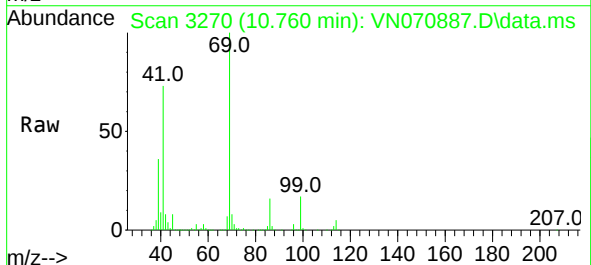
Tgt Ion: 97 Resp: 453369
Ion Ratio Lower Upper
97 100
83 89.0 67.8 101.6
85 57.5 45.4 68.2
99 61.8 49.4 74.0

Manual Integrations
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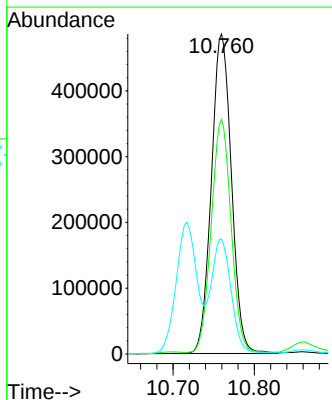
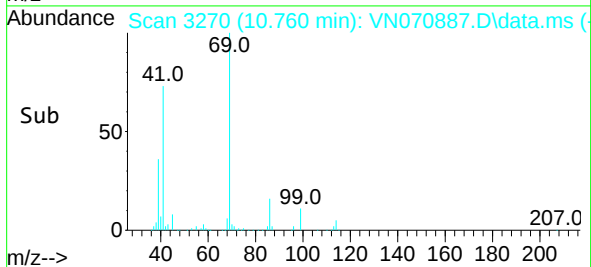
Reviewed By :John Carlone 02/02/2022
Supervised By :Mahesh Dadoda 02/07/2022

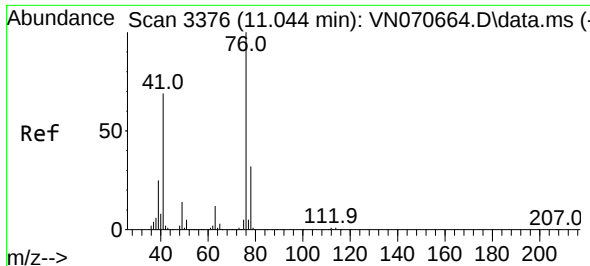


#56
Ethyl methacrylate
Concen: 46.903 ug/l
RT: 10.760 min Scan# 3270
Delta R.T. -0.000 min
Lab File: VN070887.D
Acq: 1 Feb 2022 21:59



Tgt Ion: 69 Resp: 831808
Ion Ratio Lower Upper
69 100
41 72.1 51.4 77.0
39 34.7 34.6 52.0





#57

1,3-Dichloropropane

Concen: 48.217 ug/l

RT: 11.044 min Scan# 3376

Delta R.T. -0.000 min

Lab File: VN070887.D

Acq: 1 Feb 2022 21:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 798489

Ion Ratio Lower Upper

76 100

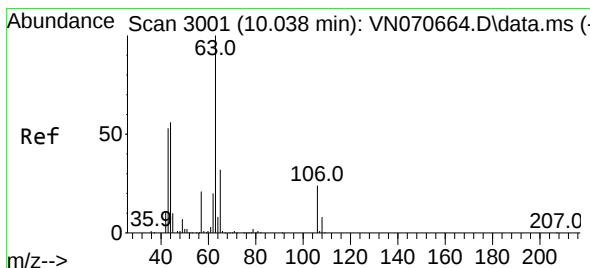
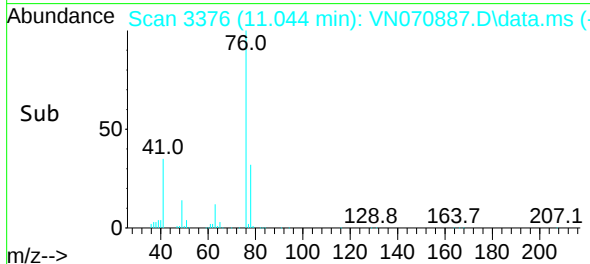
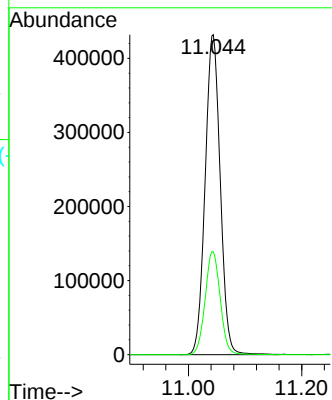
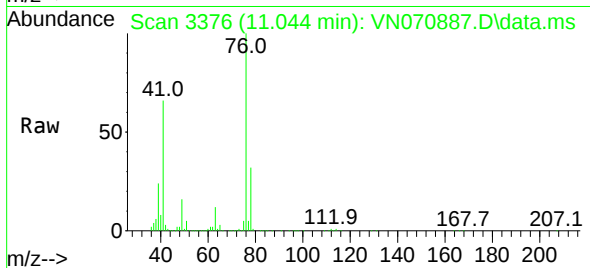
78 32.1 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/02/2022

Supervised By :Mahesh Dadoda 02/07/2022



#58

2-Chloroethyl Vinyl ether

Concen: 305.124 ug/l

RT: 10.038 min Scan# 3001

Delta R.T. 0.000 min

Lab File: VN070887.D

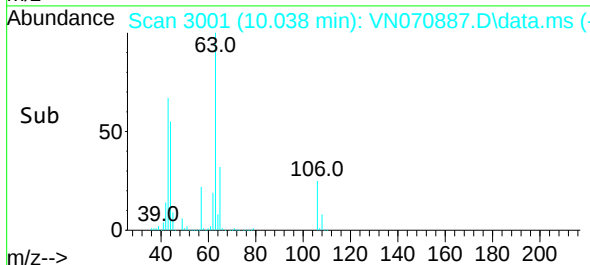
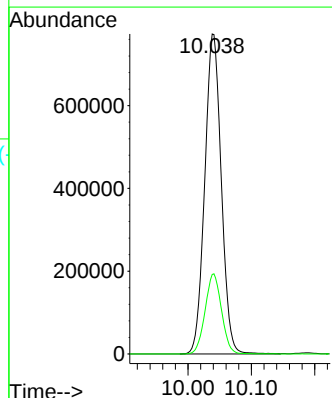
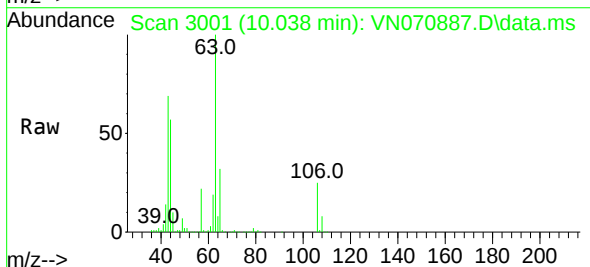
Acq: 1 Feb 2022 21:59

Tgt Ion: 63 Resp: 1400209

Ion Ratio Lower Upper

63 100

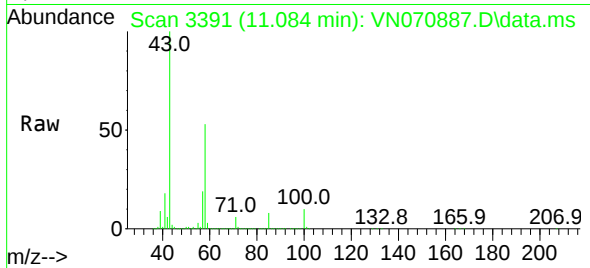
106 24.9 23.9 35.9





#59
2-Hexanone
Concen: 256.944 ug/l
RT: 11.084 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN070887.D
Acq: 1 Feb 2022 21:59

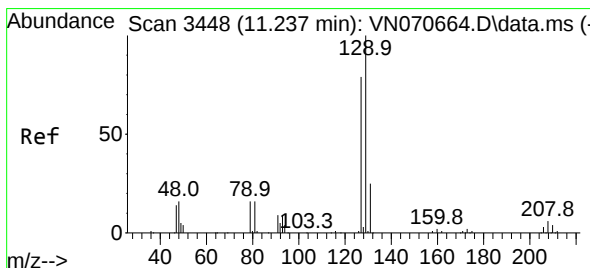
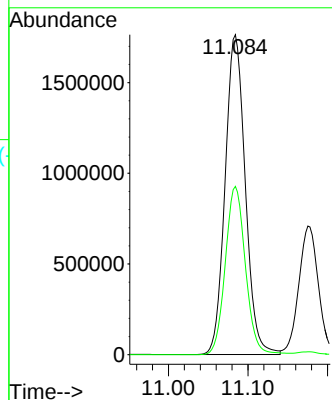
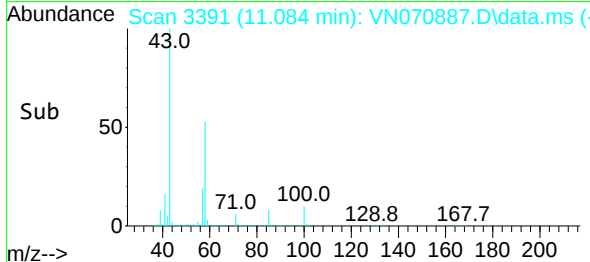
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 310296
Ion Ratio Lower Upper
43 100
58 52.5 26.9 80.7

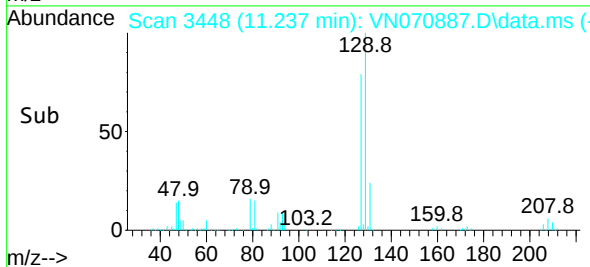
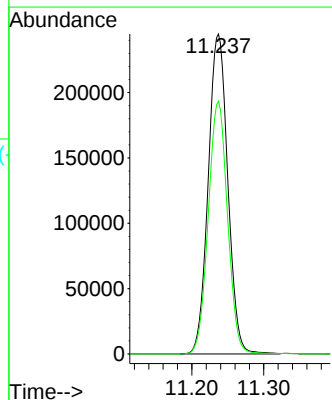
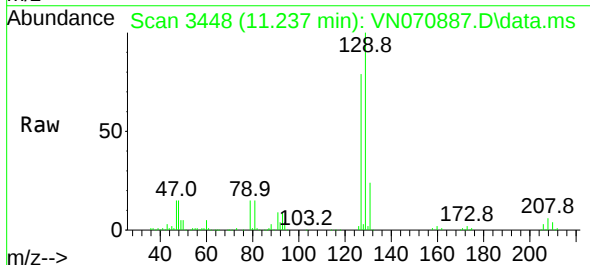
Manual Integrations
APPROVED

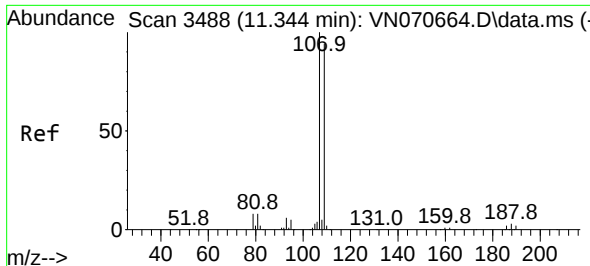
Reviewed By :John Carlone 02/02/2022
Supervised By :Mahesh Dadoda 02/07/2022



#60
Dibromochloromethane
Concen: 53.070 ug/l
RT: 11.237 min Scan# 3448
Delta R.T. -0.000 min
Lab File: VN070887.D
Acq: 1 Feb 2022 21:59

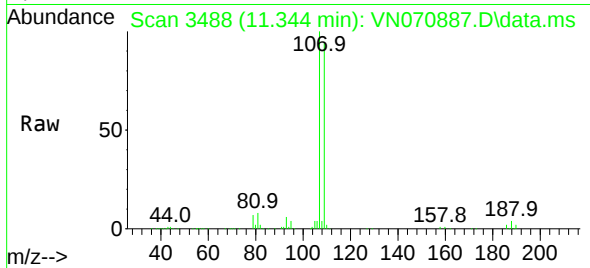
Tgt Ion:129 Resp: 463074
Ion Ratio Lower Upper
129 100
127 78.0 38.6 116.0





#61
1,2-Dibromoethane
Concen: 49.520 ug/l
RT: 11.344 min Scan# 3488
Delta R.T. 0.000 min
Lab File: VN070887.D
Acq: 1 Feb 2022 21:59

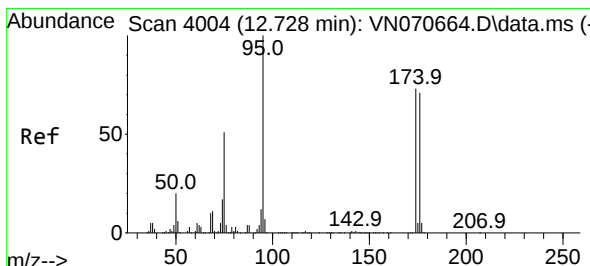
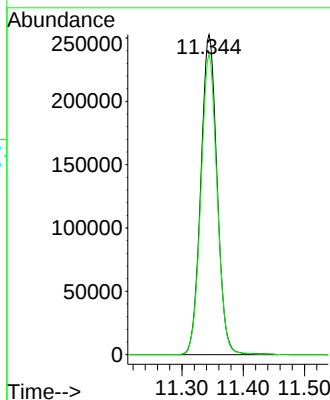
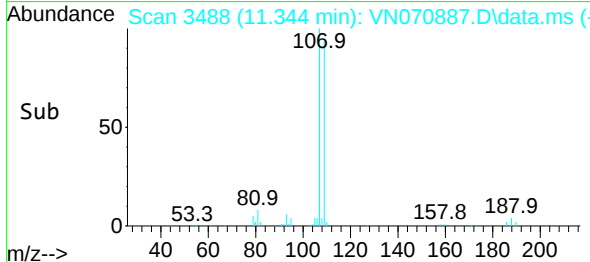
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:107 Resp: 46510
Ion Ratio Lower Upper
107 100
109 94.2 75.7 113.5

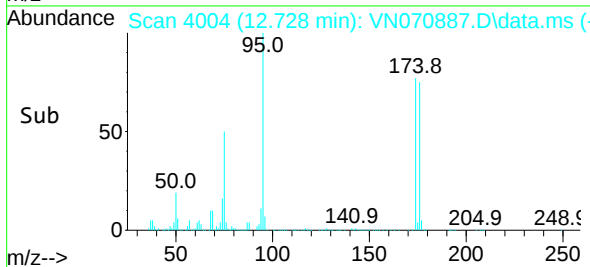
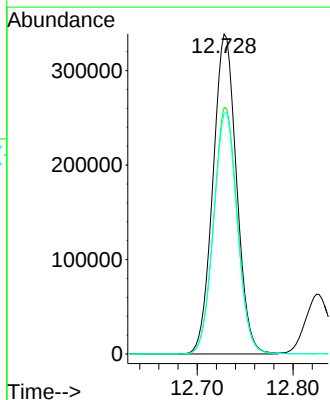
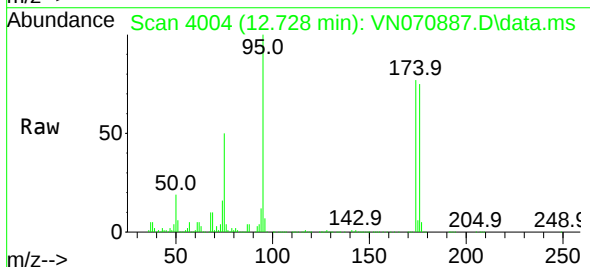
Manual Integrations
APPROVED

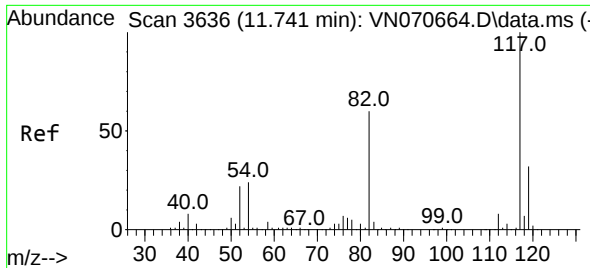
Reviewed By :John Carlone 02/02/2022
Supervised By :Mahesh Dadoda 02/07/2022



#62
4-Bromofluorobenzene
Concen: 50.439 ug/l
RT: 12.728 min Scan# 4004
Delta R.T. 0.000 min
Lab File: VN070887.D
Acq: 1 Feb 2022 21:59

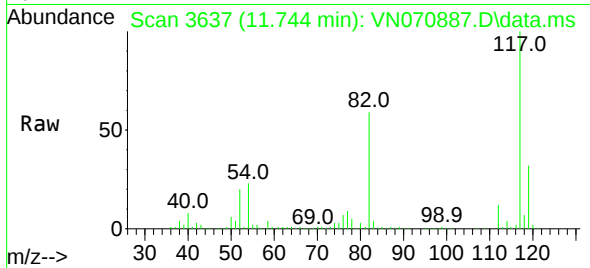
Tgt Ion: 95 Resp: 577850
Ion Ratio Lower Upper
95 100
174 77.5 0.0 187.2
176 75.7 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3636
Delta R.T. 0.003 min
Lab File: VN070887.D
Acq: 1 Feb 2022 21:59

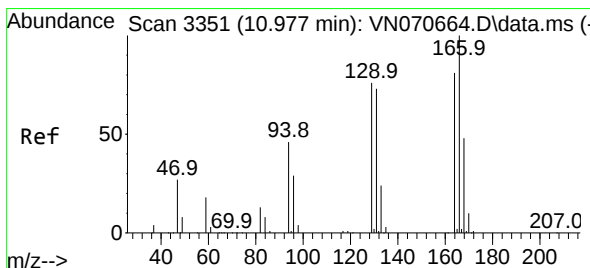
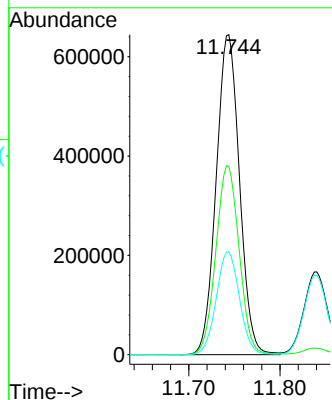
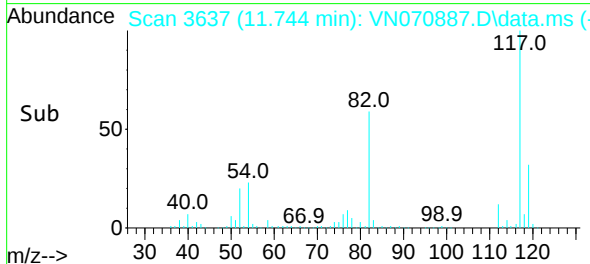
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 1144136
Ion Ratio Lower Upper
117 100
82 58.8 42.4 63.6
119 32.2 25.4 38.2

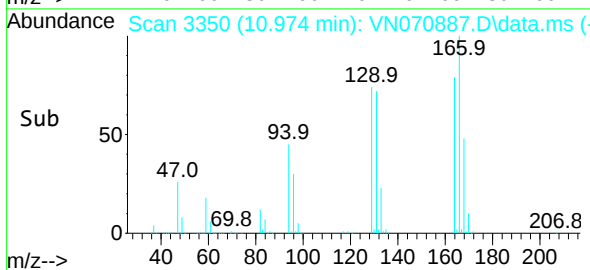
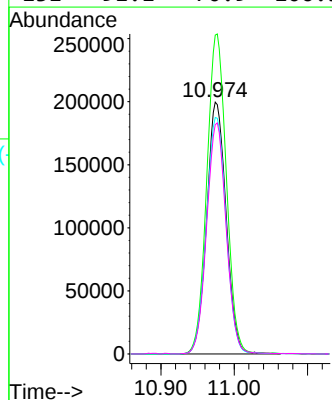
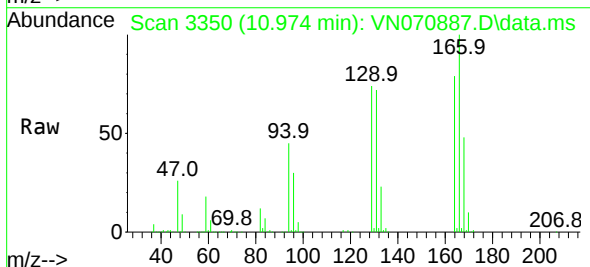
Manual Integrations
APPROVED

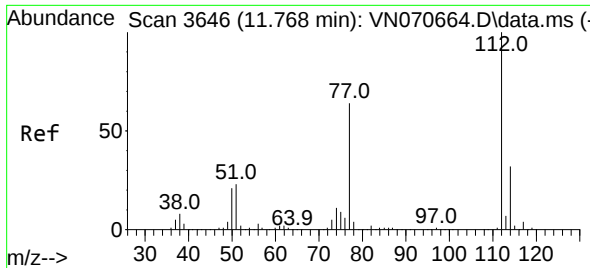
Reviewed By :John Carlone 02/02/2022
Supervised By :Mahesh Dadoda 02/07/2022



#64
Tetrachloroethene
Concen: 43.924 ug/l
RT: 10.974 min Scan# 3350
Delta R.T. -0.003 min
Lab File: VN070887.D
Acq: 1 Feb 2022 21:59

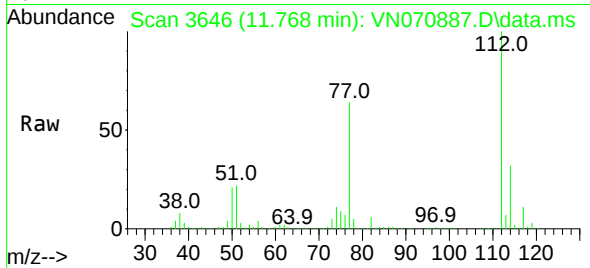
Tgt Ion:164 Resp: 368475
Ion Ratio Lower Upper
164 100
166 126.6 101.9 152.9
129 93.9 72.0 108.0
131 91.1 70.9 106.3





#65
Chlorobenzene
Concen: 47.703 ug/l
RT: 11.768 min Scan# 3646
Delta R.T. 0.000 min
Lab File: VN070887.D
Acq: 1 Feb 2022 21:59

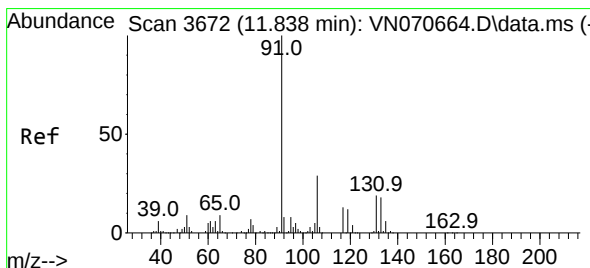
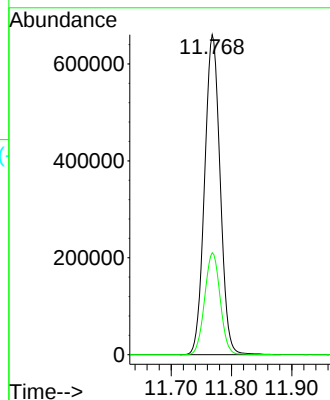
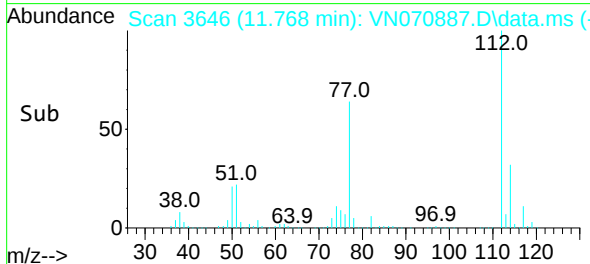
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



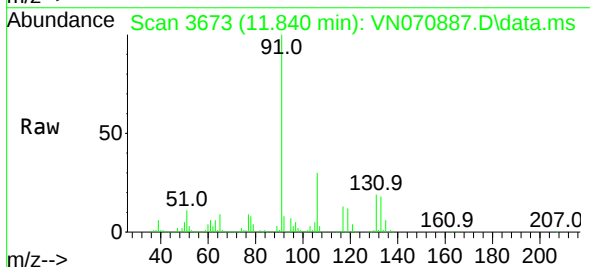
Tgt Ion:112 Resp: 1182519
Ion Ratio Lower Upper
112 100
114 31.8 25.4 38.0

Manual Integrations
APPROVED

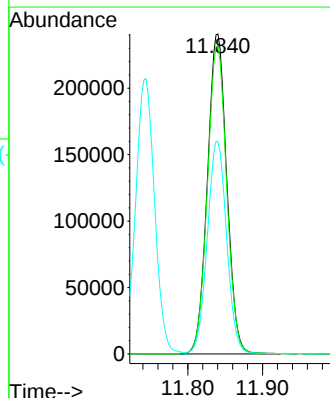
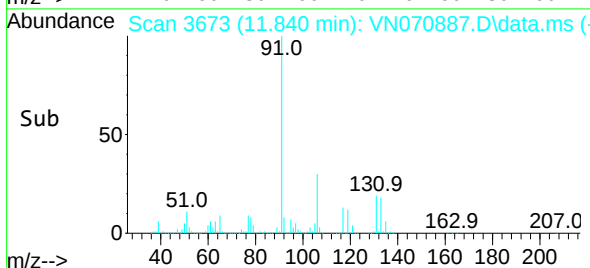
Reviewed By :John Carlone 02/02/2022
Supervised By :Mahesh Dadoda 02/07/2022

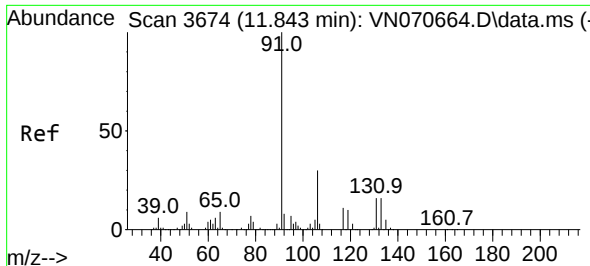


#66
1,1,1,2-Tetrachloroethane
Concen: 50.772 ug/l
RT: 11.840 min Scan# 3673
Delta R.T. 0.002 min
Lab File: VN070887.D
Acq: 1 Feb 2022 21:59



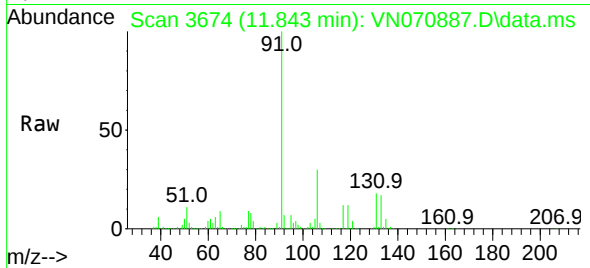
Tgt Ion:131 Resp: 433405
Ion Ratio Lower Upper
131 100
133 95.7 47.9 143.7
119 66.1 32.1 96.5





#67
Ethyl Benzene
Concen: 48.643 ug/l
RT: 11.843 min Scan# 3674
Delta R.T. 0.000 min
Lab File: VN070887.D
Acq: 1 Feb 2022 21:59

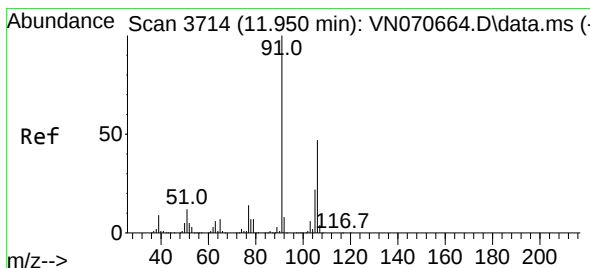
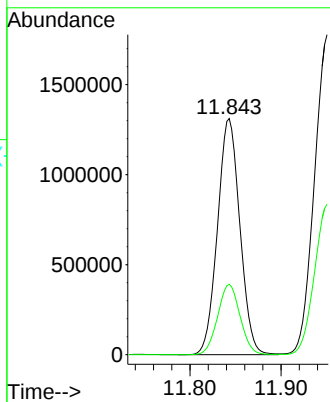
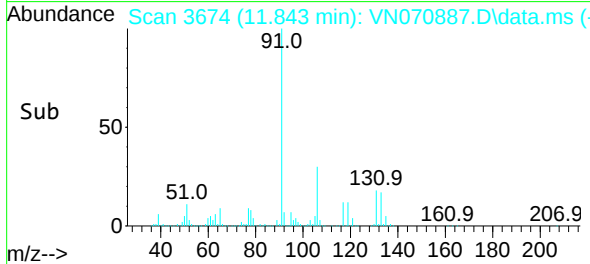
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 223560
Ion Ratio Lower Upper
91 100
106 29.8 25.7 38.5

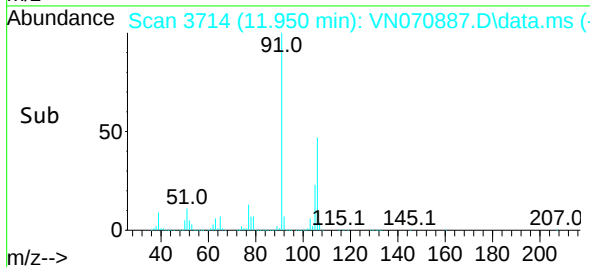
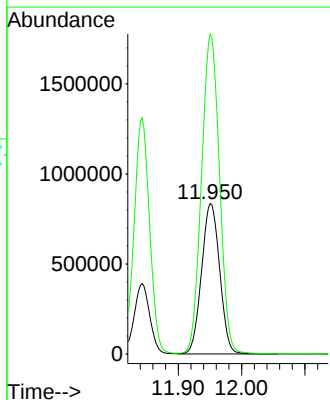
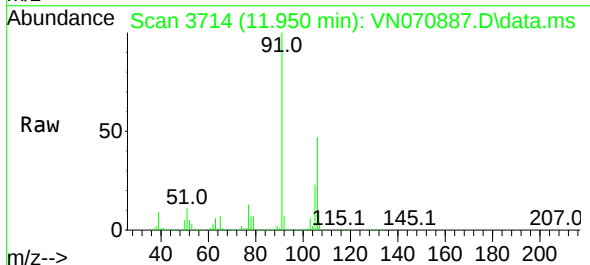
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/02/2022
Supervised By :Mahesh Dadoda 02/07/2022



#68
m/p-Xylenes
Concen: 99.137 ug/l
RT: 11.950 min Scan# 3714
Delta R.T. 0.000 min
Lab File: VN070887.D
Acq: 1 Feb 2022 21:59

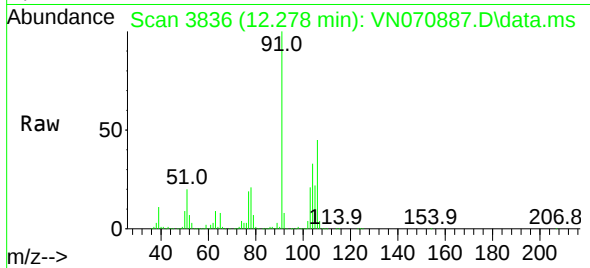
Tgt Ion:106 Resp: 1657511
Ion Ratio Lower Upper
106 100
91 211.3 160.6 240.8





#69
o-Xylene
Concen: 49.862 ug/l
RT: 12.278 min Scan# 3836
Delta R.T. -0.000 min
Lab File: VN070887.D
Acq: 1 Feb 2022 21:59

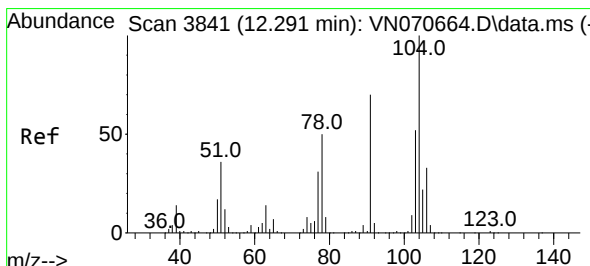
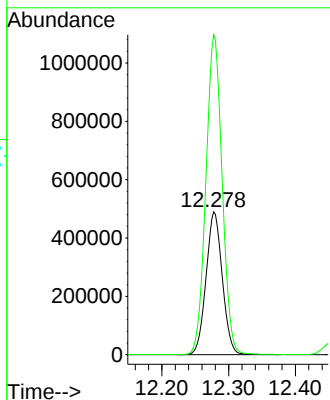
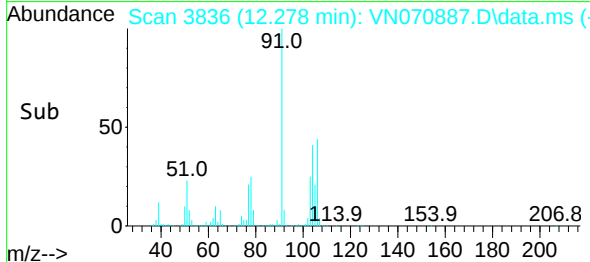
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:106 Resp: 82732
Ion Ratio Lower Upper
106 100
91 224.3 105.8 317.3

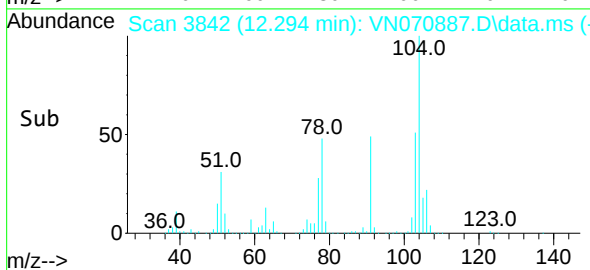
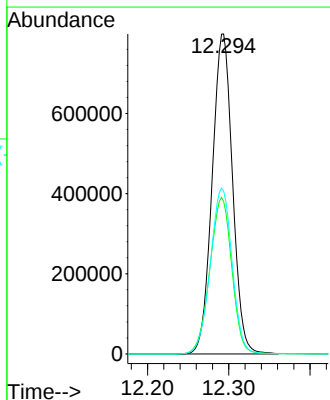
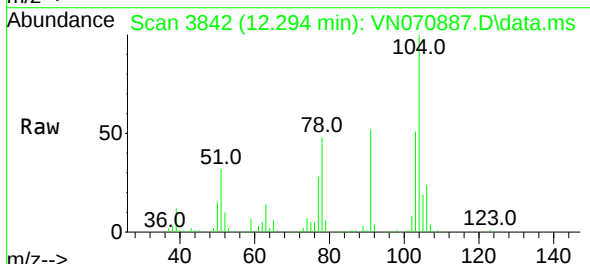
Manual Integrations
APPROVED

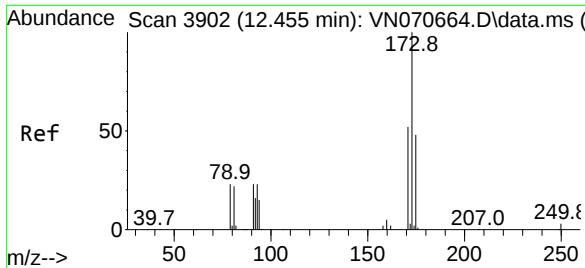
Reviewed By :John Carlone 02/02/2022
Supervised By :Mahesh Dadoda 02/07/2022



#70
Styrene
Concen: 52.382 ug/l
RT: 12.294 min Scan# 3842
Delta R.T. 0.003 min
Lab File: VN070887.D
Acq: 1 Feb 2022 21:59

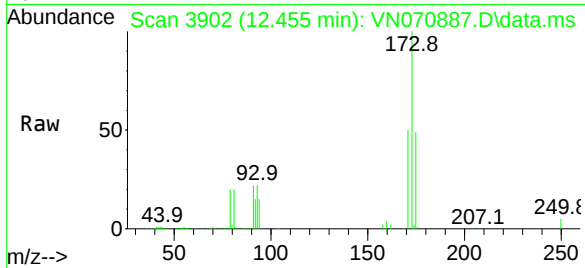
Tgt Ion:104 Resp: 1390423
Ion Ratio Lower Upper
104 100
78 52.7 38.7 58.1
103 55.5 45.0 67.6





#71
Bromoform
Concen: 58.649 ug/l
RT: 12.455 min Scan# 3902
Delta R.T. -0.000 min
Lab File: VN070887.D
Acq: 1 Feb 2022 21:59

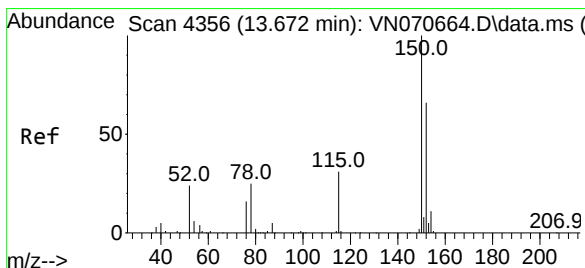
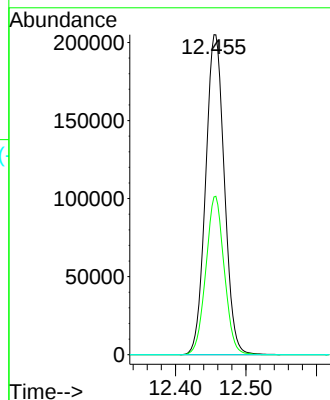
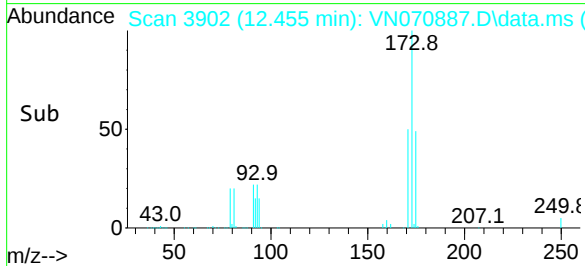
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



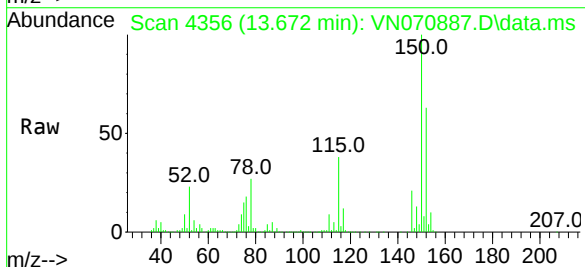
Tgt Ion:173 Resp: 37817
Ion Ratio Lower Upper
173 100
175 48.6 24.2 72.6
254 0.0 0.0 0.0

Manual Integrations
APPROVED

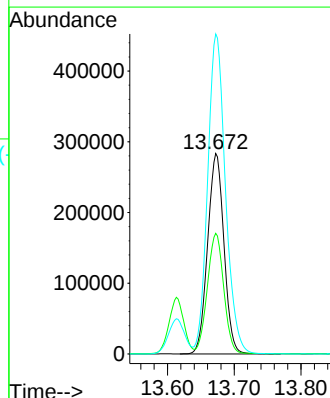
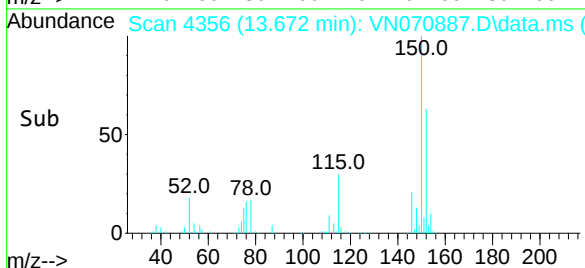
Reviewed By :John Carlone 02/02/2022
Supervised By :Mahesh Dadoda 02/07/2022

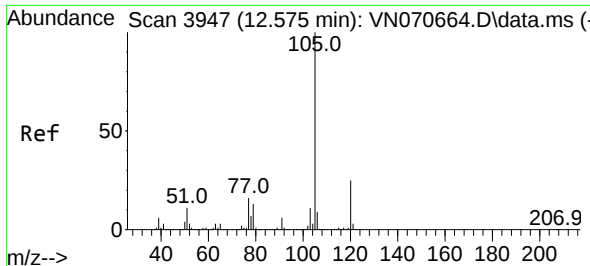


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.672 min Scan# 4356
Delta R.T. 0.000 min
Lab File: VN070887.D
Acq: 1 Feb 2022 21:59



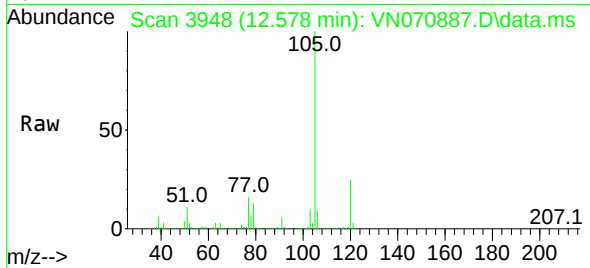
Tgt Ion:152 Resp: 481891
Ion Ratio Lower Upper
152 100
115 60.3 27.5 82.5
150 173.6 0.0 344.4





#73
Isopropylbenzene
Concen: 47.393 ug/l
RT: 12.578 min Scan# 3947
Delta R.T. 0.003 min
Lab File: VN070887.D
Acq: 1 Feb 2022 21:59

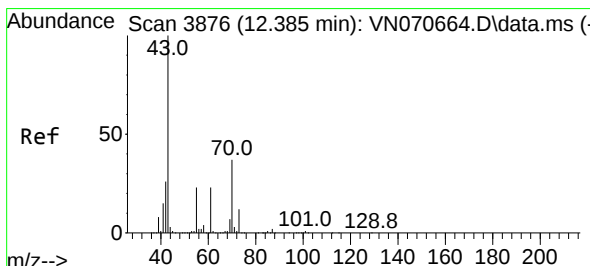
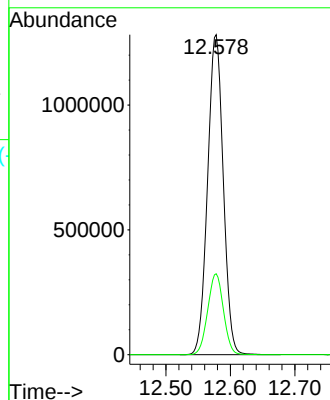
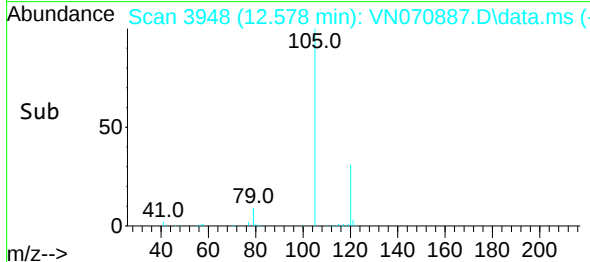
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:105 Resp: 2160597
Ion Ratio Lower Upper
105 100
120 25.5 13.4 40.1

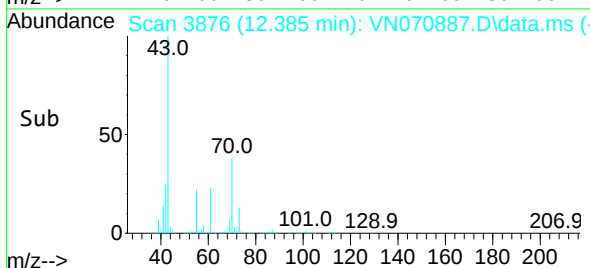
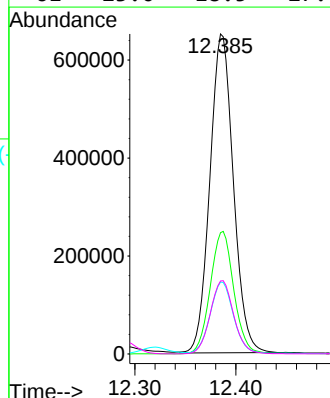
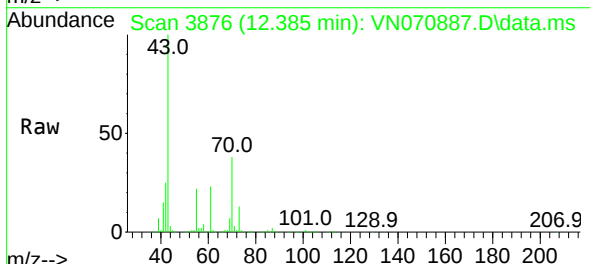
Manual Integrations
APPROVED

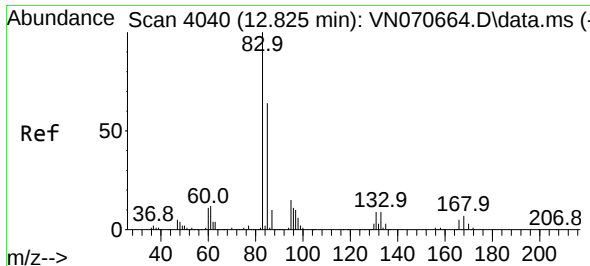
Reviewed By :John Carlone 02/02/2022
Supervised By :Mahesh Dadoda 02/07/2022



#74
N-ethyl acetate
Concen: 56.438 ug/l
RT: 12.385 min Scan# 3876
Delta R.T. -0.000 min
Lab File: VN070887.D
Acq: 1 Feb 2022 21:59

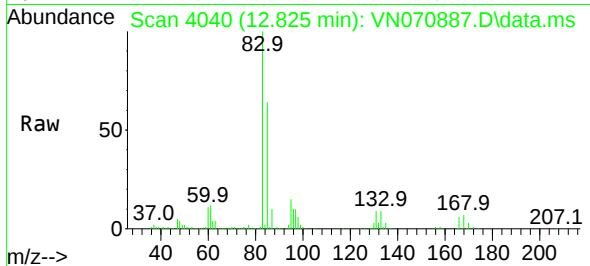
Tgt Ion: 43 Resp: 1052003
Ion Ratio Lower Upper
43 100
70 38.4 33.4 50.0
55 22.0 19.3 28.9
61 23.0 18.5 27.7





#75
1,1,2,2-Tetrachloroethane
Concen: 47.461 ug/l
RT: 12.825 min Scan# 4040
Delta R.T. -0.000 min
Lab File: VN070887.D
Acq: 1 Feb 2022 21:59

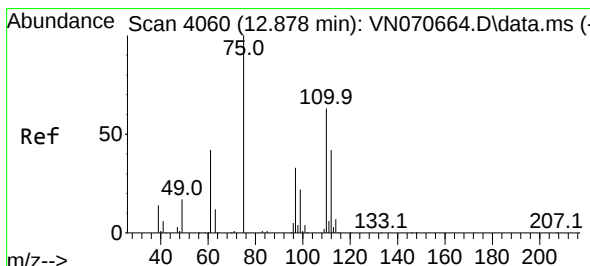
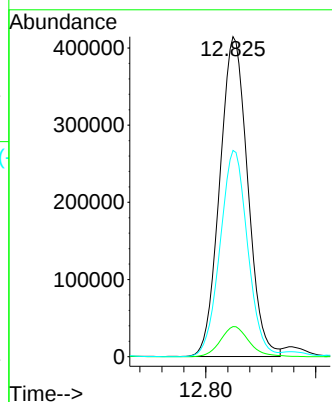
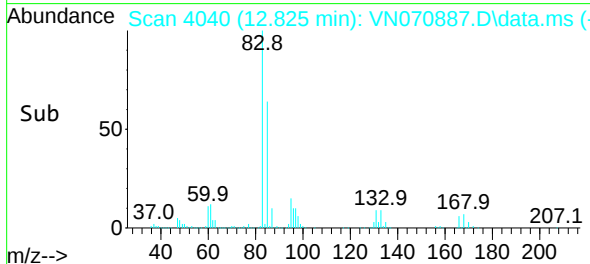
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



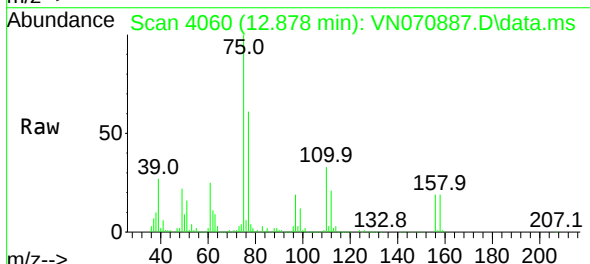
Tgt Ion: 83 Resp: 730739
Ion Ratio Lower Upper
83 100
131 9.7 5.5 16.5
85 63.7 32.4 97.2

Manual Integrations
APPROVED

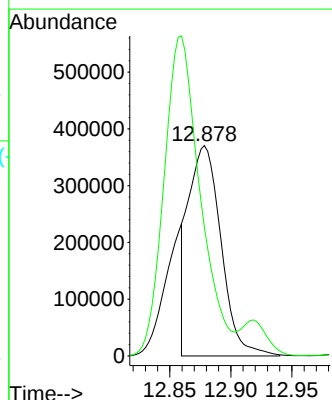
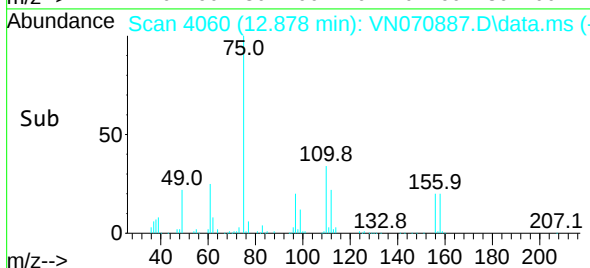
Reviewed By :John Carlone 02/02/2022
Supervised By :Mahesh Dadoda 02/07/2022

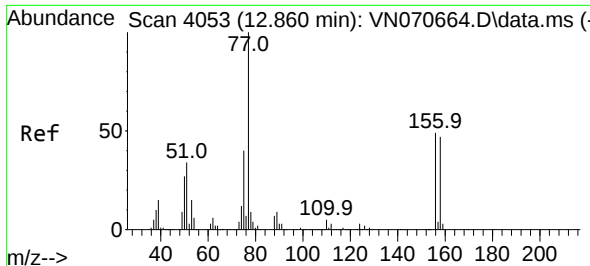


#76
1,2,3-Trichloropropane
Concen: 53.842 ug/l m
RT: 12.878 min Scan# 4060
Delta R.T. 0.000 min
Lab File: VN070887.D
Acq: 1 Feb 2022 21:59



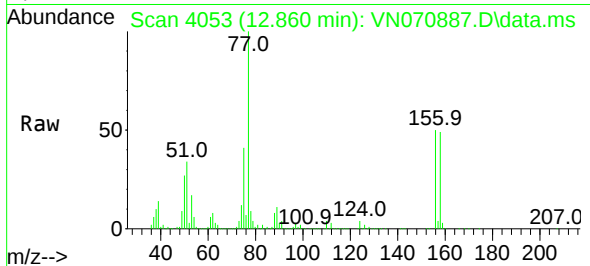
Tgt Ion: 75 Resp: 688149
Ion Ratio Lower Upper
75 100
77 168.2 82.6 247.8





#77
Bromobenzene
Concen: 49.417 ug/l
RT: 12.860 min Scan# 4053
Delta R.T. -0.000 min
Lab File: VN070887.D
Acq: 1 Feb 2022 21:59

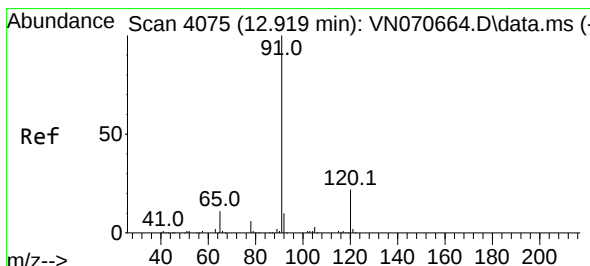
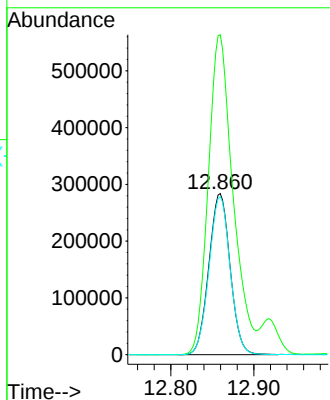
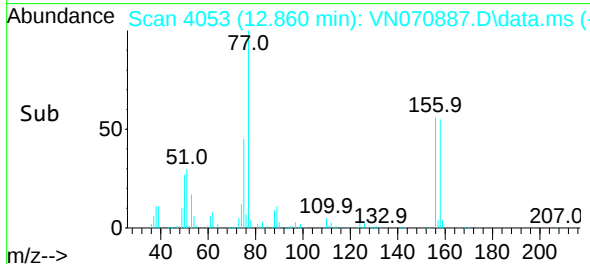
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:156 Resp: 505117
Ion Ratio Lower Upper
156 100
77 229.1 90.6 271.8
158 97.6 48.9 146.7

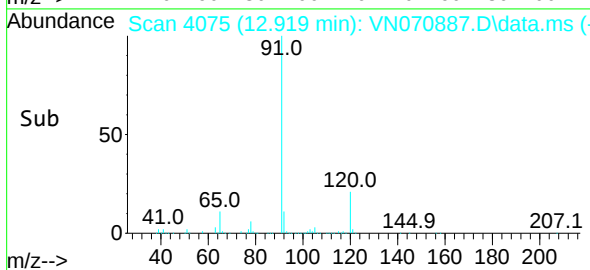
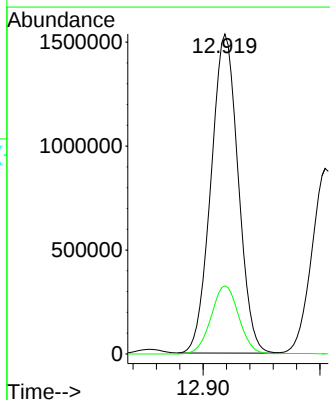
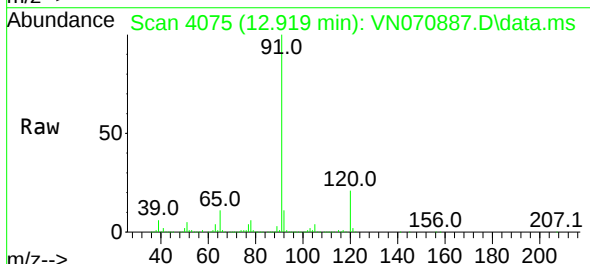
Manual Integrations
APPROVED

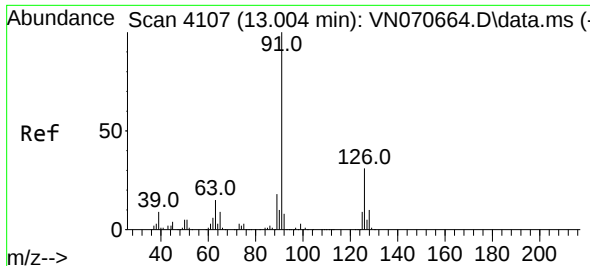
Reviewed By :John Carlone 02/02/2022
Supervised By :Mahesh Dadoda 02/07/2022



#78
n-propylbenzene
Concen: 48.642 ug/l
RT: 12.919 min Scan# 4075
Delta R.T. -0.000 min
Lab File: VN070887.D
Acq: 1 Feb 2022 21:59

Tgt Ion: 91 Resp: 2480016
Ion Ratio Lower Upper
91 100
120 21.8 11.9 35.9





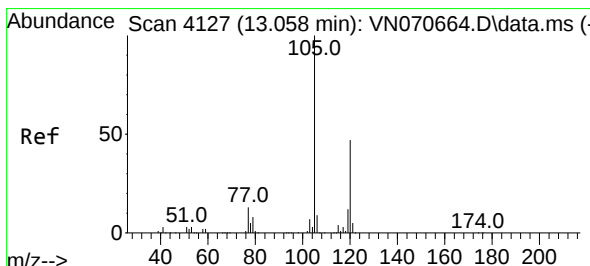
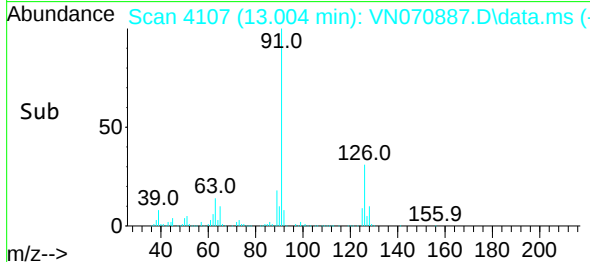
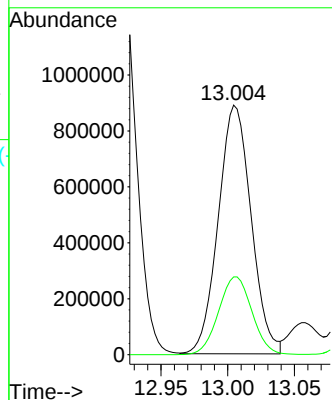
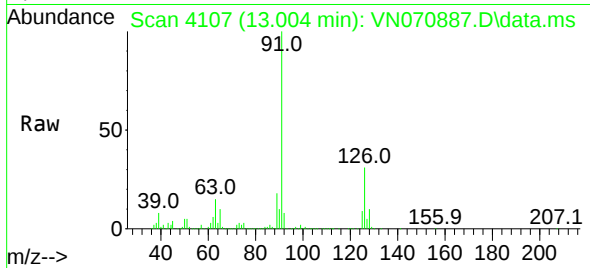
#79
2-Chlorotoluene
Concen: 47.317 ug/l
RT: 13.004 min Scan# 4107
Delta R.T. 0.000 min
Lab File: VN070887.D
Acq: 1 Feb 2022 21:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 1526069
Ion Ratio Lower Upper
91 100
126 31.8 18.3 54.8

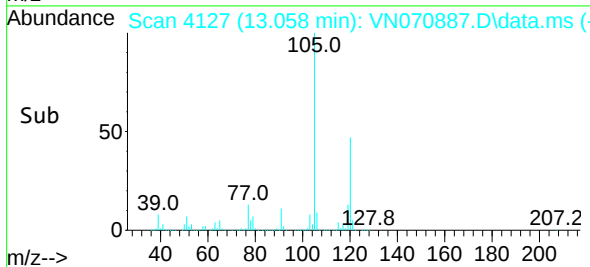
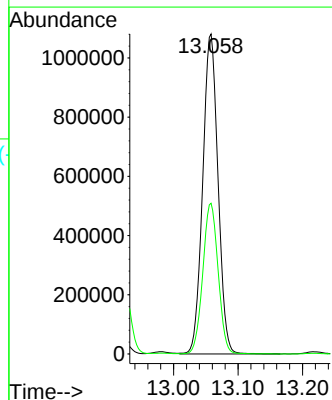
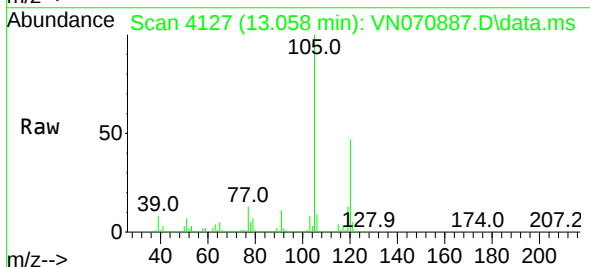
Manual Integrations
APPROVED

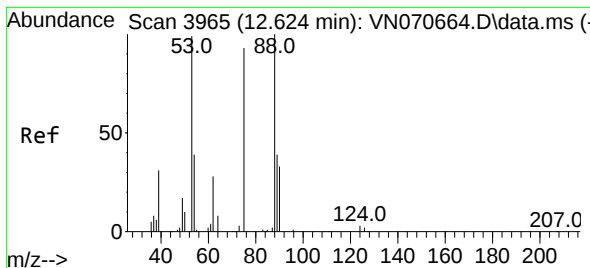
Reviewed By :John Carlone 02/02/2022
Supervised By :Mahesh Dadoda 02/07/2022



#80
1,3,5-Trimethylbenzene
Concen: 48.305 ug/l
RT: 13.058 min Scan# 4127
Delta R.T. 0.000 min
Lab File: VN070887.D
Acq: 1 Feb 2022 21:59

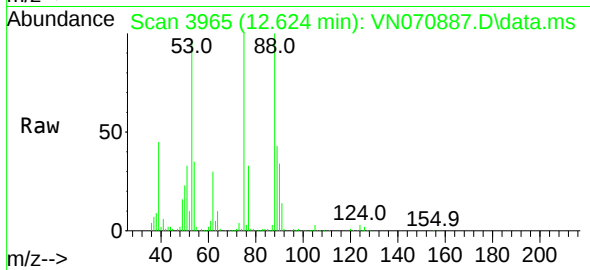
Tgt Ion:105 Resp: 1780863
Ion Ratio Lower Upper
105 100
120 47.0 24.6 73.6





#81
trans-1,4-Dichloro-2-butene
Concen: 56.921 ug/l
RT: 12.624 min Scan# 3965
Delta R.T. -0.000 min
Lab File: VN070887.D
Acq: 1 Feb 2022 21:59

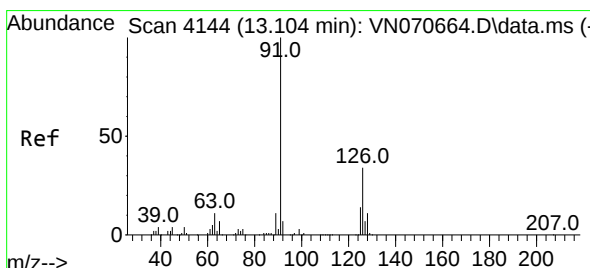
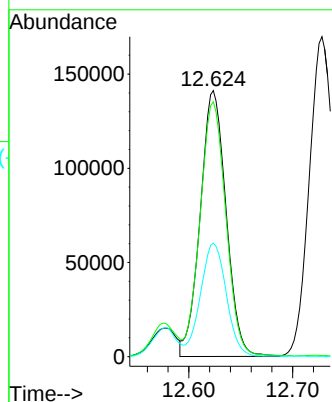
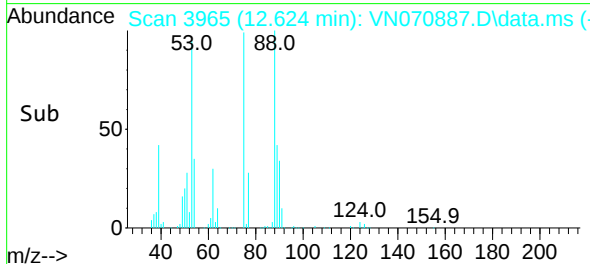
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



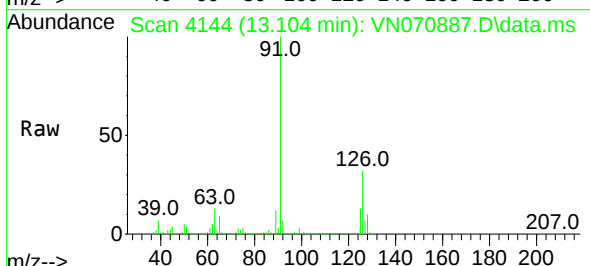
Tgt Ion: 75 Resp: 244199
Ion Ratio Lower Upper
75 100
53 95.3 90.5 135.7
89 42.5 38.2 57.4

Manual Integrations
APPROVED

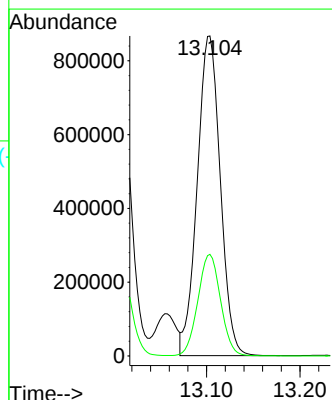
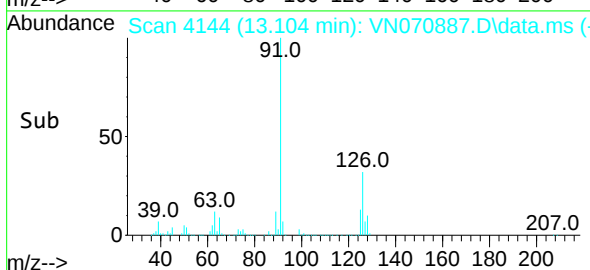
Reviewed By :John Carlone 02/02/2022
Supervised By :Mahesh Dadoda 02/07/2022

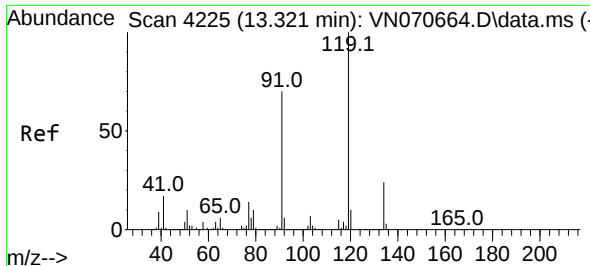


#82
4-Chlorotoluene
Concen: 49.236 ug/l
RT: 13.104 min Scan# 4144
Delta R.T. -0.000 min
Lab File: VN070887.D
Acq: 1 Feb 2022 21:59



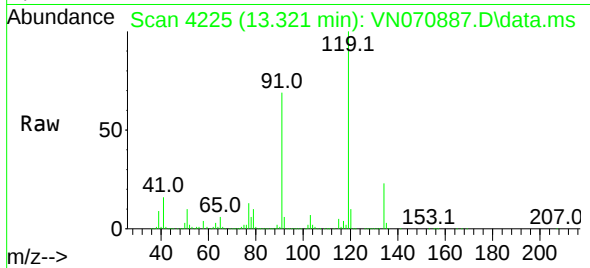
Tgt Ion: 91 Resp: 1483644
Ion Ratio Lower Upper
91 100
126 31.5 18.2 54.6





#83
tert-Butylbenzene
Concen: 48.070 ug/l
RT: 13.321 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN070887.D
Acq: 1 Feb 2022 21:59

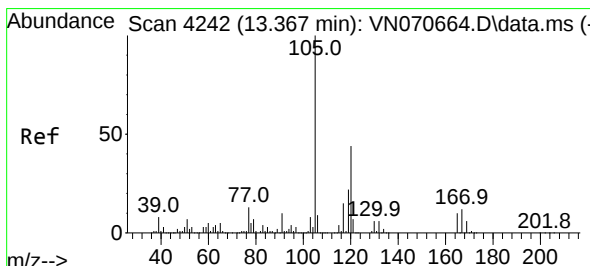
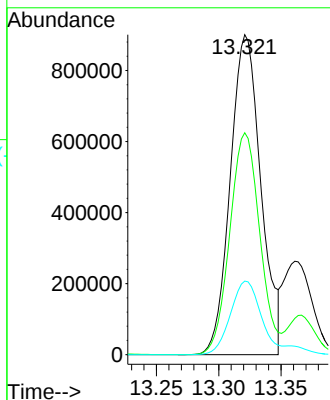
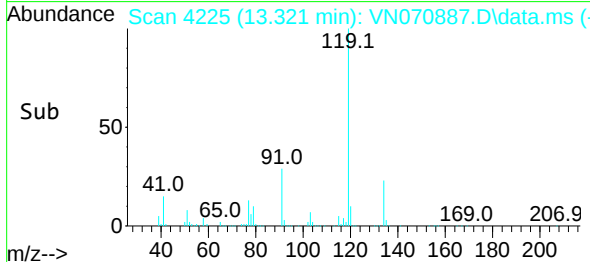
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:119 Resp: 154265
Ion Ratio Lower Upper
119 100
91 68.2 31.5 94.5
134 23.2 12.4 37.4

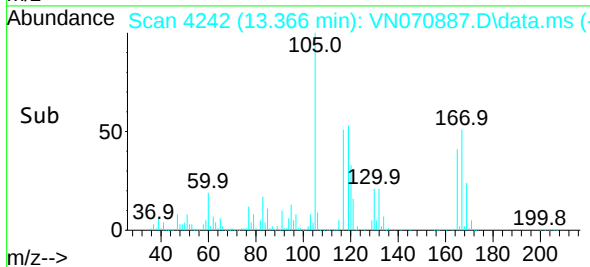
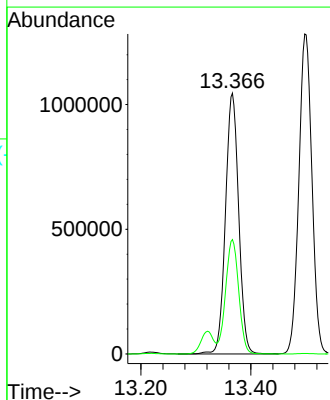
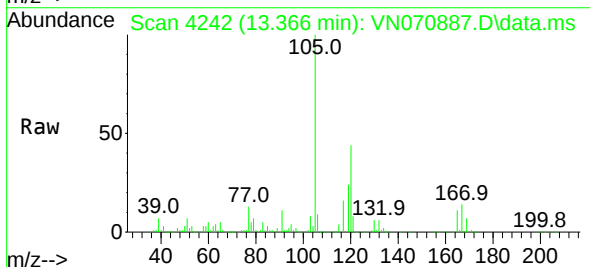
Manual Integrations
APPROVED

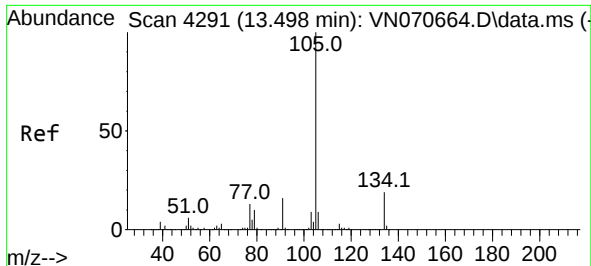
Reviewed By :John Carlone 02/02/2022
Supervised By :Mahesh Dadoda 02/07/2022



#84
1,2,4-Trimethylbenzene
Concen: 49.170 ug/l
RT: 13.366 min Scan# 4242
Delta R.T. -0.001 min
Lab File: VN070887.D
Acq: 1 Feb 2022 21:59

Tgt Ion:105 Resp: 1742452
Ion Ratio Lower Upper
105 100
120 43.8 22.8 68.4





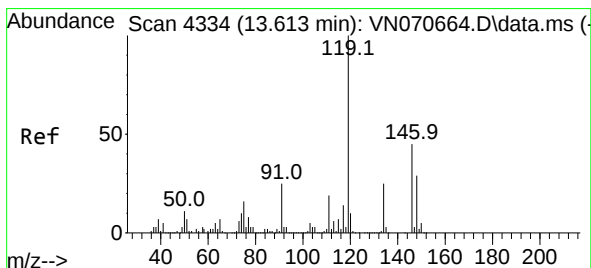
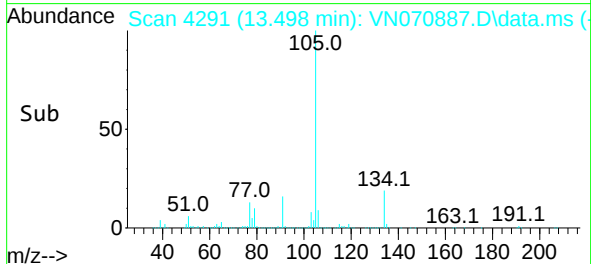
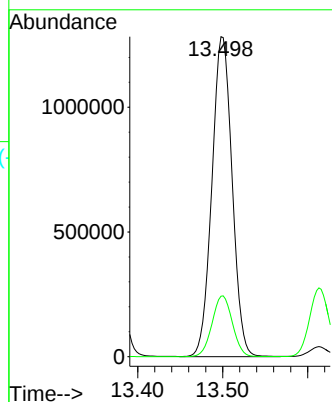
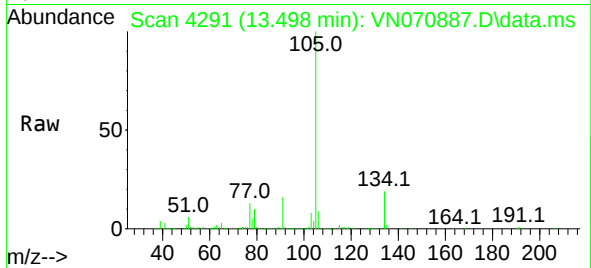
#85
 sec-Butylbenzene
 Concen: 48.537 ug/l
 RT: 13.498 min Scan# 4291
 Delta R.T. -0.000 min
 Lab File: VN070887.D
 Acq: 1 Feb 2022 21:59

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 2117648
 Ion Ratio Lower Upper
 105 100
 134 19.2 10.4 31.1

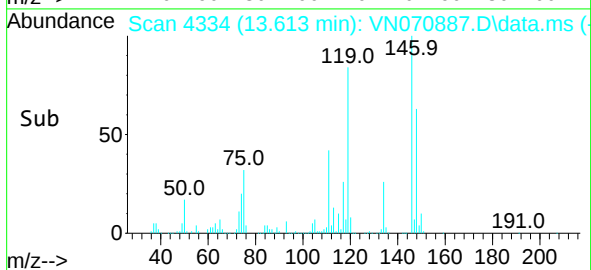
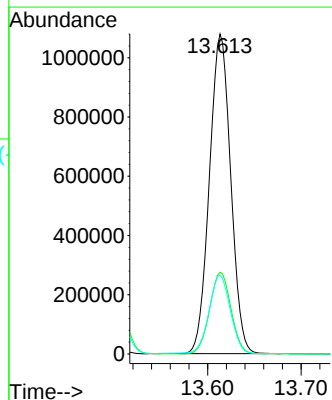
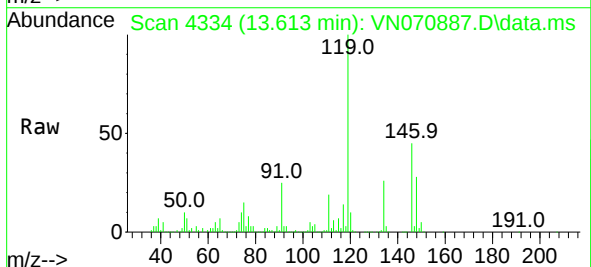
Manual Integrations
 APPROVED

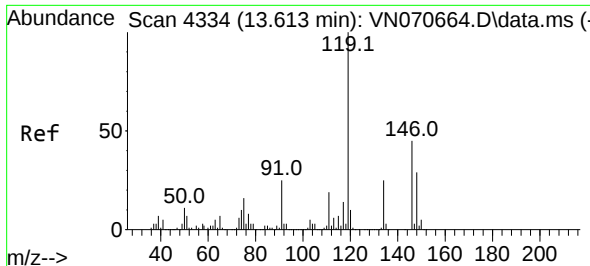
Reviewed By :John Carlone 02/02/2022
 Supervised By :Mahesh Dadoda 02/07/2022



#86
 p-Isopropyltoluene
 Concen: 49.850 ug/l
 RT: 13.613 min Scan# 4334
 Delta R.T. 0.000 min
 Lab File: VN070887.D
 Acq: 1 Feb 2022 21:59

Tgt Ion:119 Resp: 1708502
 Ion Ratio Lower Upper
 119 100
 134 25.5 13.6 40.7
 91 24.7 11.4 34.1





#87

1,3-Dichlorobenzene

Concen: 48.734 ug/l

RT: 13.613 min Scan# 4334

Delta R.T. 0.000 min

Lab File: VN070887.D

Acq: 1 Feb 2022 21:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 82864

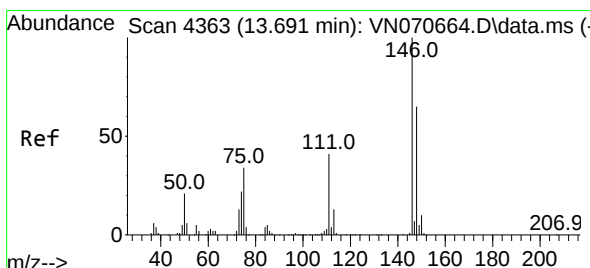
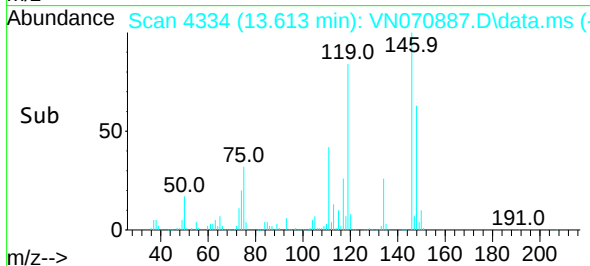
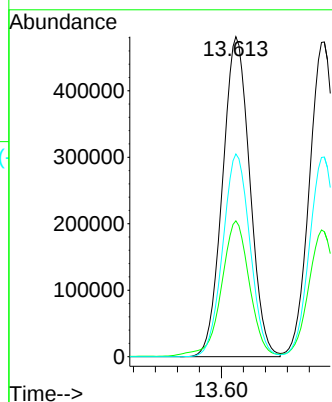
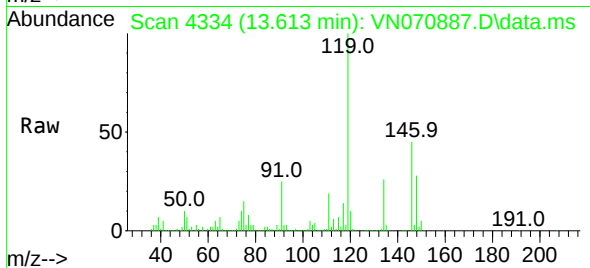
Ion	Ratio	Lower	Upper
146	100		
111	43.4	18.6	55.6
148	63.3	31.6	95.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/02/2022

Supervised By :Mahesh Dadoda 02/07/2022



#88

1,4-Dichlorobenzene

Concen: 47.852 ug/l

RT: 13.694 min Scan# 4364

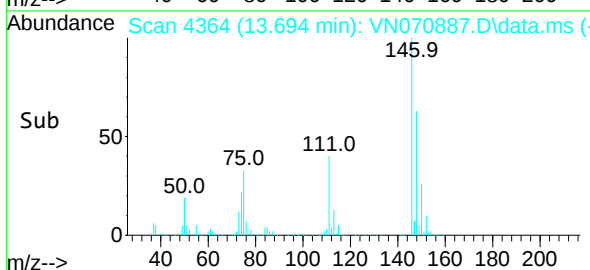
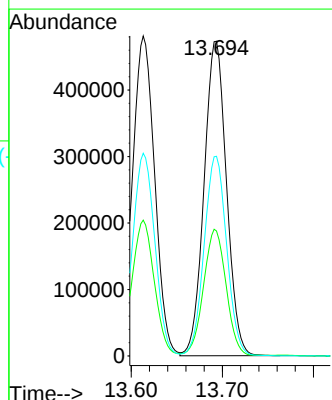
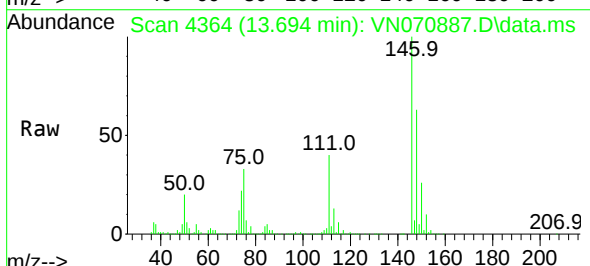
Delta R.T. 0.003 min

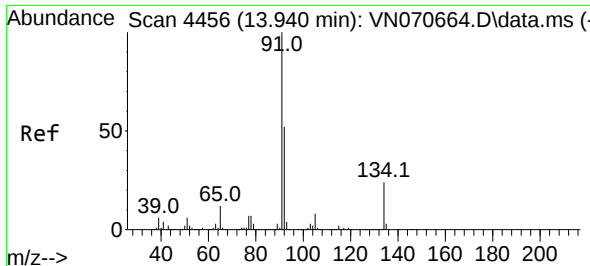
Lab File: VN070887.D

Acq: 1 Feb 2022 21:59

Tgt Ion:146 Resp: 809715

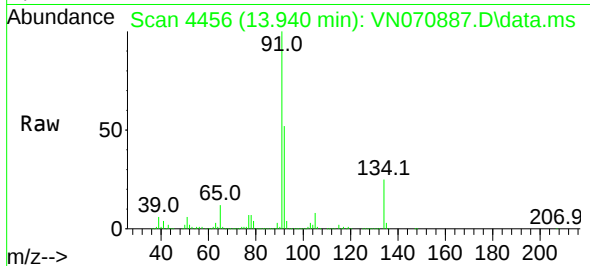
Ion	Ratio	Lower	Upper
146	100		
111	40.2	18.3	54.8
148	64.1	31.8	95.4





#89
n-Butylbenzene
Concen: 52.123 ug/l
RT: 13.940 min Scan# 4456
Delta R.T. 0.000 min
Lab File: VN070887.D
Acq: 1 Feb 2022 21:59

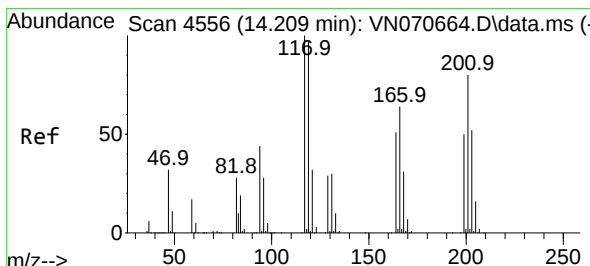
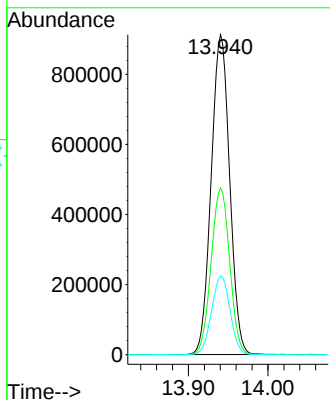
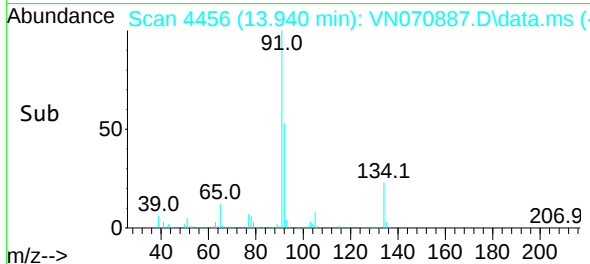
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 1473740
Ion Ratio Lower Upper
91 100
92 52.4 25.4 76.0
134 24.8 13.6 40.8

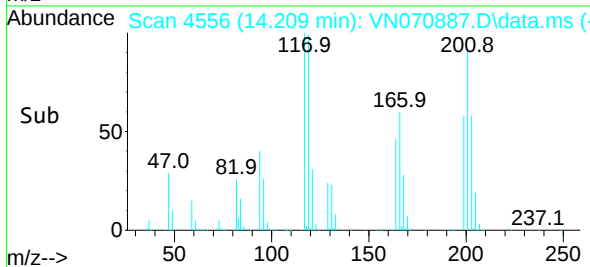
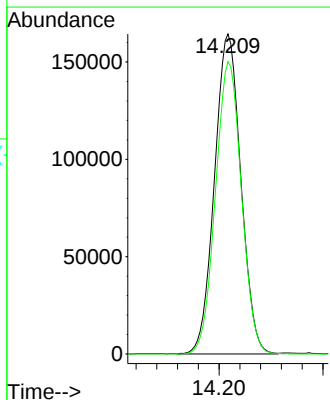
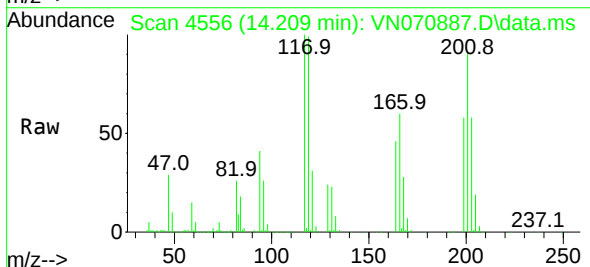
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/02/2022
Supervised By :Mahesh Dadoda 02/07/2022



#90
Hexachloroethane
Concen: 48.354 ug/l
RT: 14.209 min Scan# 4556
Delta R.T. -0.000 min
Lab File: VN070887.D
Acq: 1 Feb 2022 21:59

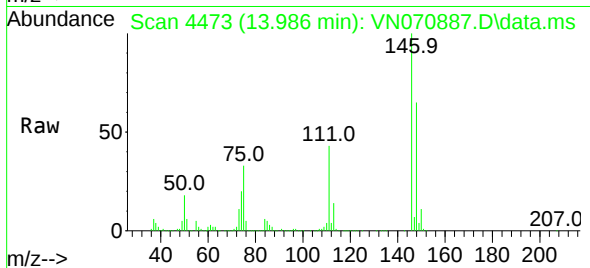
Tgt Ion:117 Resp: 289690
Ion Ratio Lower Upper
117 100
201 90.2 43.9 131.6





#91
1,2-Dichlorobenzene
Concen: 46.710 ug/l
RT: 13.986 min Scan# 4473
Delta R.T. -0.000 min
Lab File: VN070887.D
Acq: 1 Feb 2022 21:59

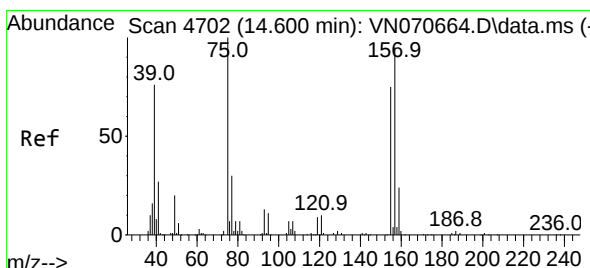
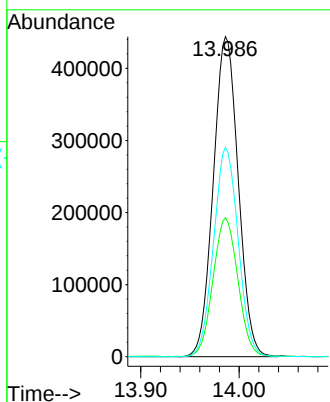
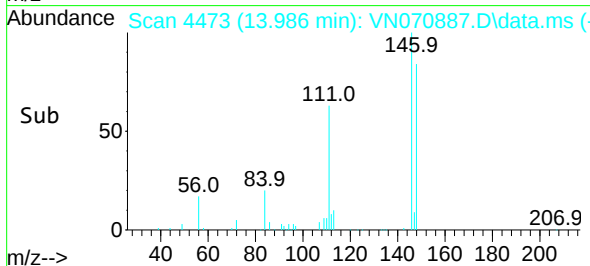
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



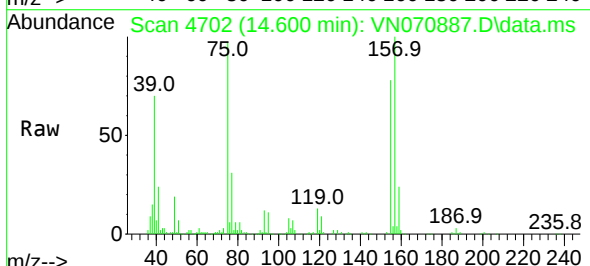
Tgt Ion:146 Resp: 784690
Ion Ratio Lower Upper
146 100
111 43.0 19.1 57.3
148 64.6 32.1 96.3

Manual Integrations
APPROVED

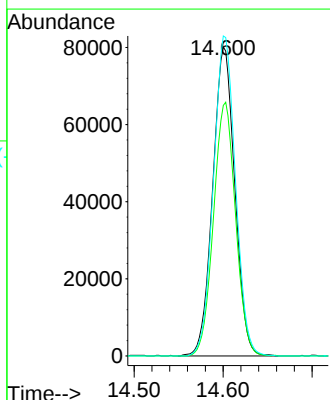
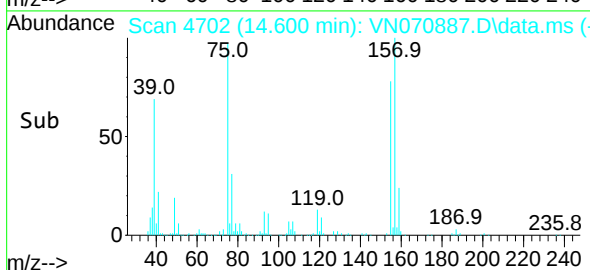
Reviewed By :John Carlone 02/02/2022
Supervised By :Mahesh Dadoda 02/07/2022

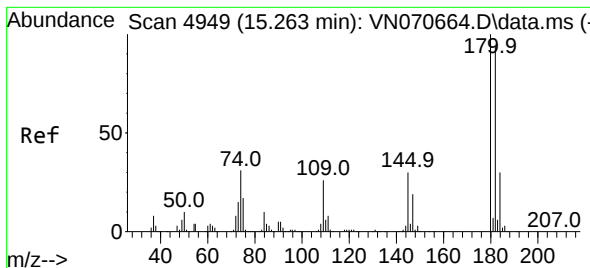


#92
1,2-Dibromo-3-Chloropropane
Concen: 53.041 ug/l
RT: 14.600 min Scan# 4702
Delta R.T. 0.000 min
Lab File: VN070887.D
Acq: 1 Feb 2022 21:59



Tgt Ion: 75 Resp: 138527
Ion Ratio Lower Upper
75 100
155 81.9 46.9 140.7
157 103.1 60.6 181.7





#93

1,2,4-Trichlorobenzene

Concen: 51.851 ug/l

RT: 15.260 min Scan# 4949

Delta R.T. -0.003 min

Lab File: VN070887.D

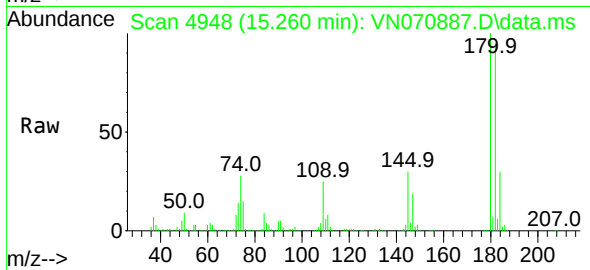
Acq: 1 Feb 2022 21:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



Tgt Ion:180 Resp: 462838

Ion Ratio Lower Upper

180 100

182 95.4 48.3 144.9

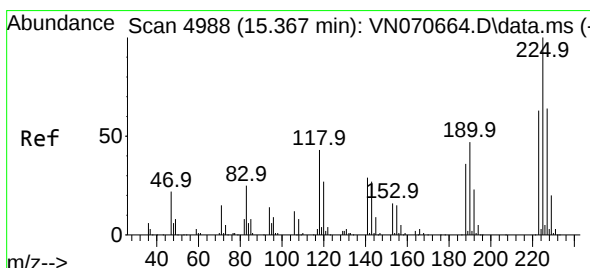
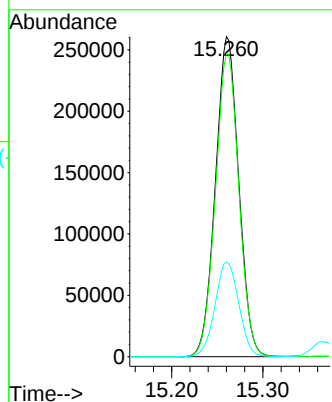
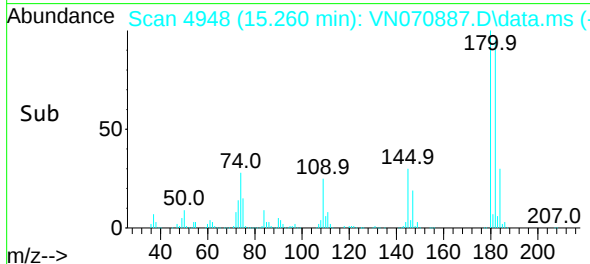
145 30.3 14.5 43.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/02/2022

Supervised By :Mahesh Dadoda 02/07/2022



#94

Hexachlorobutadiene

Concen: 59.213 ug/l

RT: 15.367 min Scan# 4988

Delta R.T. 0.000 min

Lab File: VN070887.D

Acq: 1 Feb 2022 21:59

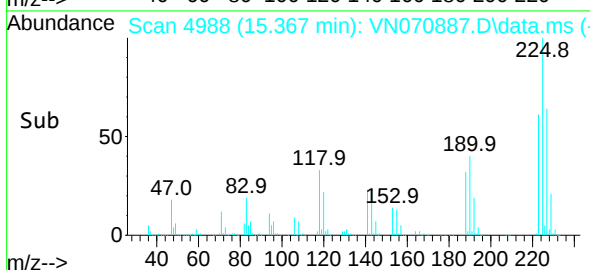
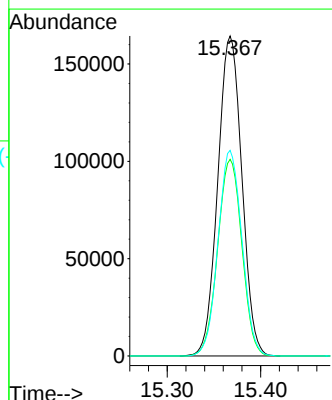
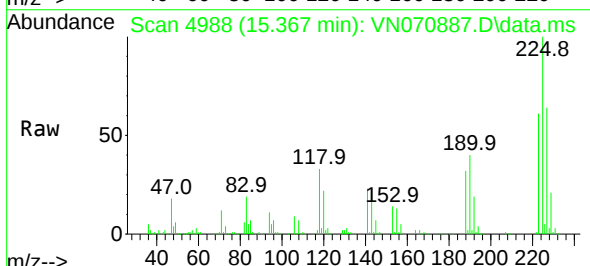
Tgt Ion:225 Resp: 294609

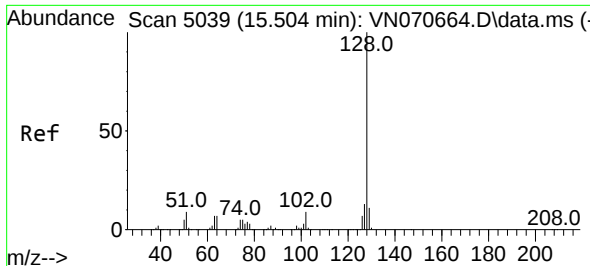
Ion Ratio Lower Upper

225 100

223 61.7 31.9 95.7

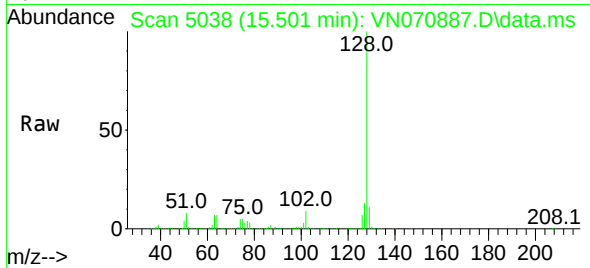
227 63.9 32.1 96.3





#95
Naphthalene
Concen: 52.142 ug/l
RT: 15.501 min Scan# 5039
Delta R.T. -0.003 min
Lab File: VN070887.D
Acq: 1 Feb 2022 21:59

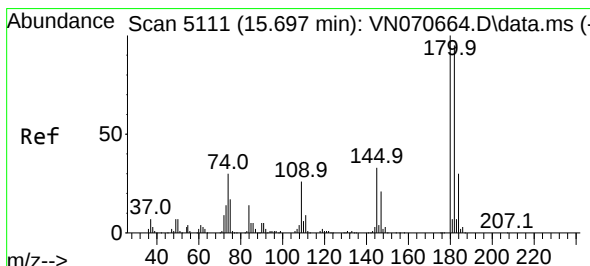
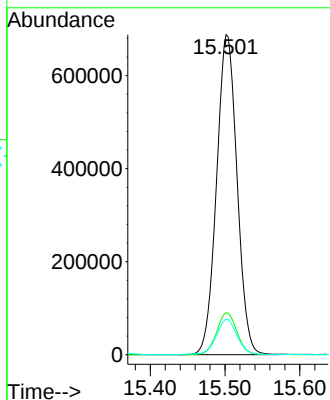
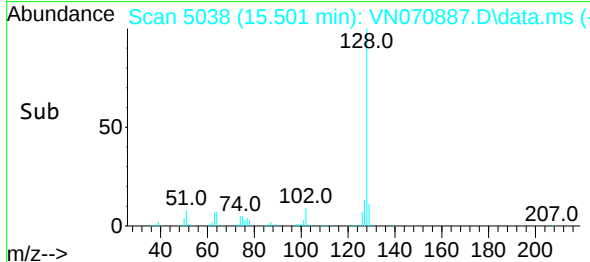
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 130882
Ion Ratio Lower Upper
128 100
127 13.0 10.5 15.7
129 11.4 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/02/2022
Supervised By :Mahesh Dadoda 02/07/2022



#96
1,2,3-Trichlorobenzene
Concen: 51.767 ug/l
RT: 15.697 min Scan# 5111
Delta R.T. 0.000 min
Lab File: VN070887.D
Acq: 1 Feb 2022 21:59

Tgt Ion:180 Resp: 441583
Ion Ratio Lower Upper
180 100
182 95.5 47.4 142.2
145 32.2 15.0 45.1

