

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121721\
 Data File : VN070204.D
 Acq On : 18 Dec 2021 9:13
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/20/2021
 Supervised By : Mahesh Dadoda 12/23/2021

Quant Time: Dec 19 07:26:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 03 08:46:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	977505	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1654364	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1551897	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	662540	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	687445	45.548	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	91.100%		
35) Dibromofluoromethane	8.021	113	478318	46.158	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	92.320%		
50) Toluene-d8	10.440	98	1865955	44.845	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	89.680%		
62) 4-Bromofluorobenzene	12.731	95	711006	47.167	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	94.340%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.073	85	411541	36.097	ug/l	100
3) Chloromethane	2.303	50	540564	37.845	ug/l	100
4) Vinyl Chloride	2.446	62	514674	39.187	ug/l	98
5) Bromomethane	2.840	94	255981	35.875	ug/l	96
6) Chloroethane	3.011	64	317730	39.479	ug/l	99
7) Trichlorofluoromethane	3.373	101	668342	38.773	ug/l	100
8) Diethyl Ether	3.821	74	308198	46.423	ug/l	81
9) 1,1,2-Trichlorotrifluo...	4.205	101	413744	42.820	ug/l	96
10) Methyl Iodide	4.417	142	508124	38.494	ug/l	99
11) Tert butyl alcohol	5.382	59	597909	209.580	ug/l #	85
12) 1,1-Dichloroethene	4.178	96	398080	42.753	ug/l	89
13) Acrolein	4.039	56	529062	217.767	ug/l	98
14) Allyl chloride	4.838	41	919553	43.827	ug/l #	89
15) Acrylonitrile	5.554	53	1760192	228.968	ug/l	100
16) Acetone	4.288	43	1626731	179.176	ug/l	97
17) Carbon Disulfide	4.524	76	876710	36.446	ug/l	100
18) Methyl Acetate	4.854	43	1209982	44.153	ug/l	91
19) Methyl tert-butyl Ether	5.618	73	1704802	47.089	ug/l	96
20) Methylene Chloride	5.090	84	514790	42.653	ug/l #	85
21) trans-1,2-Dichloroethene	5.594	96	423179	41.844	ug/l	85
22) Diisopropyl ether	6.498	45	2021350	49.290	ug/l	93
23) Vinyl Acetate	6.434	43	7817098	234.301	ug/l #	94
24) 1,1-Dichloroethane	6.385	63	988262	46.521	ug/l	98
25) 2-Butanone	7.335	43	2562681	207.746	ug/l	91
26) 2,2-Dichloropropane	7.324	77	513428	31.085	ug/l	98
27) cis-1,2-Dichloroethene	7.327	96	537896	44.022	ug/l	88
28) Bromochloromethane	7.657	49	512086	46.356	ug/l #	77
29) Tetrahydrofuran	7.686	42	1683462	224.746	ug/l	87
30) Chloroform	7.817	83	984137	45.871	ug/l	100
31) Cyclohexane	8.094	56	850633	40.499	ug/l	87
32) 1,1,1-Trichloroethane	8.013	97	805763	44.091	ug/l	96
36) 1,1-Dichloropropene	8.222	75	673497	42.764	ug/l	96
37) Ethyl Acetate	7.415	43	1017892	43.425	ug/l	95
38) Carbon Tetrachloride	8.206	117	643261	41.652	ug/l	98
39) Methylcyclohexane	9.459	83	751504	40.116	ug/l	89
40) Benzene	8.458	78	2113952	43.914	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	542516	49.303	ug/l #	86
42) 1,2-Dichloroethane	8.528	62	844863	43.477	ug/l	97
43) Isopropyl Acetate	8.560	43	1559247	44.951	ug/l #	93
44) Trichloroethene	9.215	130	486832	42.371	ug/l	90
45) 1,2-Dichloropropane	9.488	63	596769	46.165	ug/l	99
46) Dibromomethane	9.577	93	370422	43.692	ug/l	93
47) Bromodichloromethane	9.762	83	750415	46.750	ug/l	99
48) Methyl methacrylate	9.561	41	734256	45.358	ug/l	86
49) 1,4-Dioxane	9.569	88	247346	851.556	ug/l #	82
51) 4-Methyl-2-Pentanone	10.331	43	5262974	233.878	ug/l	95
52) Toluene	10.505	92	1294233	44.037	ug/l	99
53) t-1,3-Dichloropropene	10.719	75	746642	39.301	ug/l	100
54) cis-1,3-Dichloropropene	10.188	75	817983	40.750	ug/l	91
55) 1,1,2-Trichloroethane	10.899	97	541490	45.664	ug/l	98
56) Ethyl methacrylate	10.760	69	925697	41.766	ug/l #	88
57) 1,3-Dichloropropane	11.044	76	961724	46.060	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.041	63	1372749	228.874	ug/l	90
59) 2-Hexanone	11.084	43	3791648	222.739	ug/l	93
60) Dibromochloromethane	11.237	129	522702	41.561	ug/l	100
61) 1,2-Dibromoethane	11.347	107	542994	44.210	ug/l	99
64) Tetrachloroethene	10.977	164	455852	43.320	ug/l	96
65) Chlorobenzene	11.771	112	1371322	43.557	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.840	131	502416	45.340	ug/l	99
67) Ethyl Benzene	11.843	91	2592143	45.326	ug/l	95
68) m/p-Xylenes	11.953	106	1879582	90.265	ug/l	92
69) o-Xylene	12.280	106	950307	45.308	ug/l	91
70) Styrene	12.294	104	1562729	46.987	ug/l	95
71) Bromoform	12.457	173	381090	40.744	ug/l #	99
73) Isopropylbenzene	12.578	105	2510562	42.590	ug/l	98
74) N-amyl acetate	12.388	43	1164898	44.685	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.827	83	878456	43.095	ug/l	99
76) 1,2,3-Trichloropropane	12.878	75	756542m	39.818	ug/l	
77) Bromobenzene	12.860	156	577314	41.695	ug/l	76
78) n-propylbenzene	12.919	91	2823484	43.044	ug/l	95
79) 2-Chlorotoluene	13.007	91	1782352	43.002	ug/l	92
80) 1,3,5-Trimethylbenzene	13.058	105	2043080	43.061	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.624	75	202549	36.117	ug/l	93
82) 4-Chlorotoluene	13.104	91	1691865	43.404	ug/l	92
83) tert-Butylbenzene	13.324	119	1793021	42.679	ug/l	92
84) 1,2,4-Trimethylbenzene	13.367	105	2001370	44.292	ug/l	97
85) sec-Butylbenzene	13.501	105	2480668	43.532	ug/l	97
86) p-Isopropyltoluene	13.616	119	1941577	43.589	ug/l	96
87) 1,3-Dichlorobenzene	13.616	146	968929	42.597	ug/l	97
88) 1,4-Dichlorobenzene	13.694	146	930774	41.638	ug/l	97
89) n-Butylbenzene	13.943	91	1545447	42.771	ug/l	97
90) Hexachloroethane	14.211	117	330031	42.201	ug/l	88
91) 1,2-Dichlorobenzene	13.989	146	955845	43.128	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.603	75	156183	42.402	ug/l	79
93) 1,2,4-Trichlorobenzene	15.263	180	434412	40.541	ug/l	98
94) Hexachlorobutadiene	15.370	225	244631	41.648	ug/l	98
95) Naphthalene	15.504	128	1271803	40.134	ug/l	100
96) 1,2,3-Trichlorobenzene	15.700	180	444179	42.321	ug/l	99

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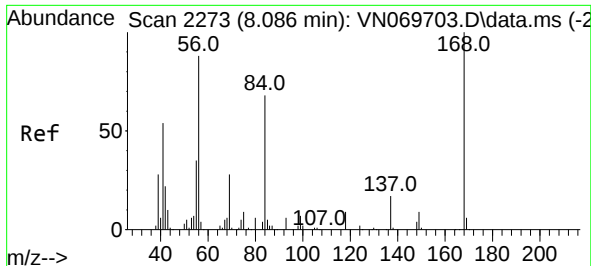
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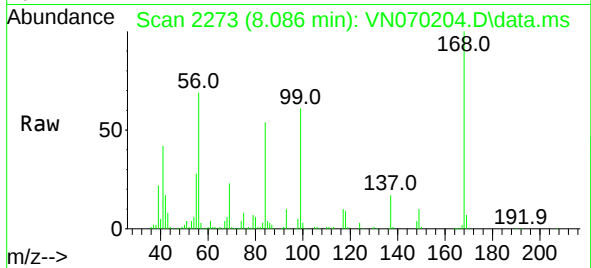
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.000 min
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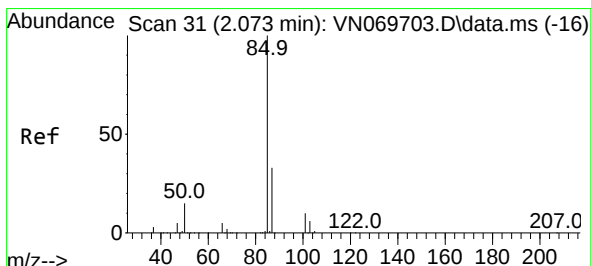
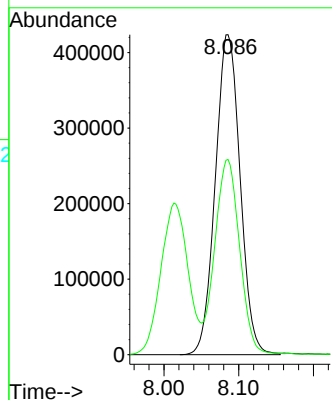
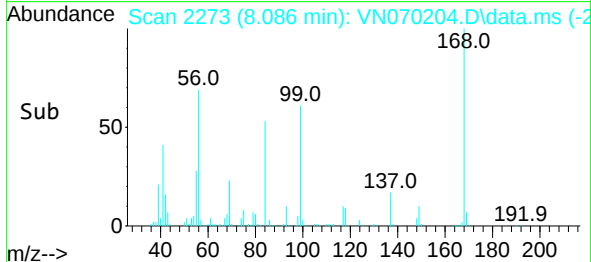
Instrument :
MSVOA_N
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VSTDCCC050EC



Tgt Ion:168 Resp: 977509
Ion Ratio Lower Upper
168 100
99 60.6 41.3 61.9

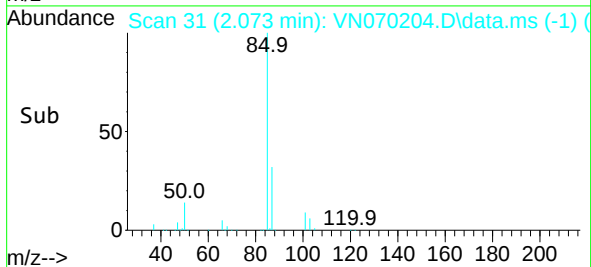
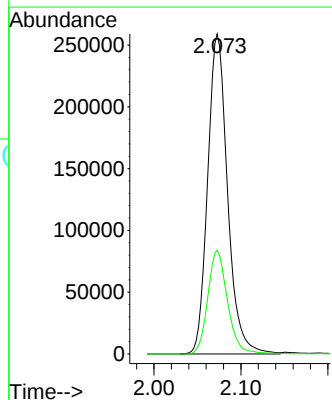
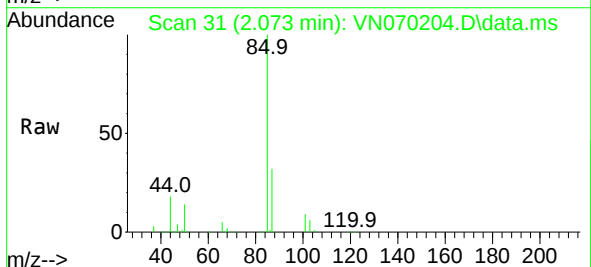
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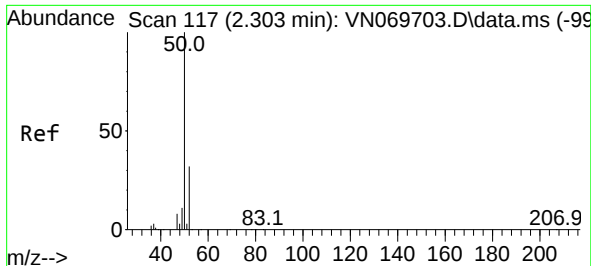
Reviewed By :John Carlone 12/20/2021
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#2
Dichlorodifluoromethane
Concen: 36.097 ug/l
RT: 2.073 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN070204.D
Acq: 18 Dec 2021 9:13

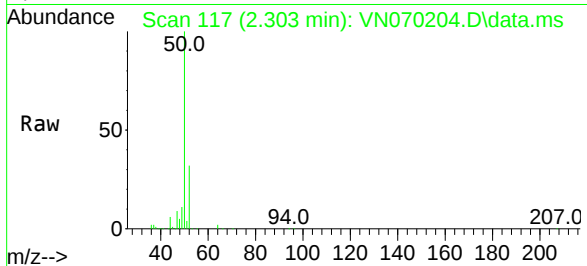
Tgt Ion: 85 Resp: 411541
Ion Ratio Lower Upper
85 100
87 32.5 16.3 48.9





#3
Chloromethane
Concen: 37.845 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN070204.D
Acq: 18 Dec 2021 9:13

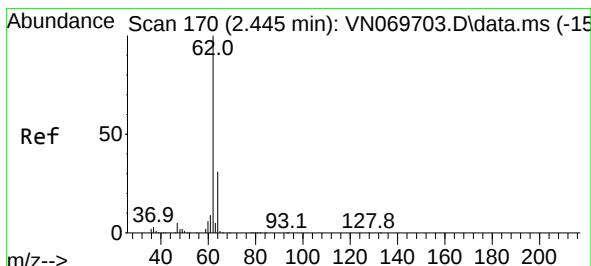
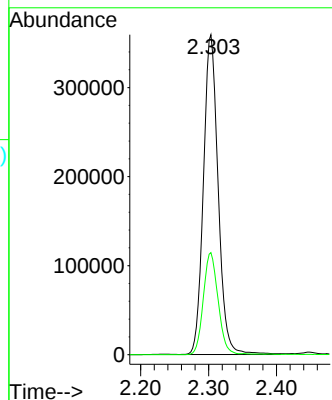
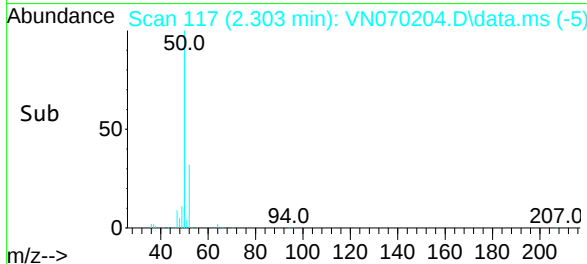
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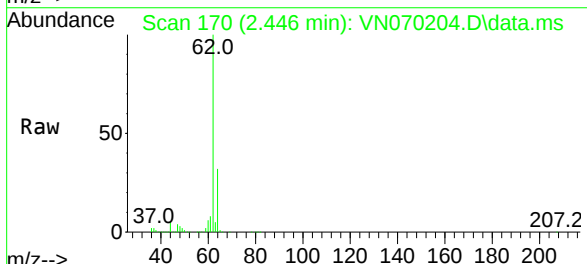
Tgt Ion: 50 Resp: 540564
Ion Ratio Lower Upper
50 100
52 31.9 25.4 38.0

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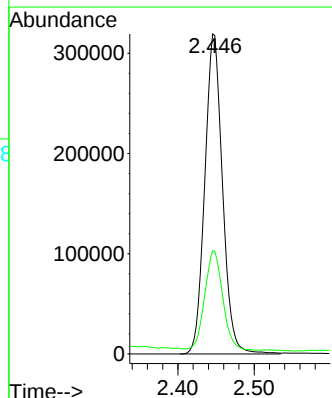
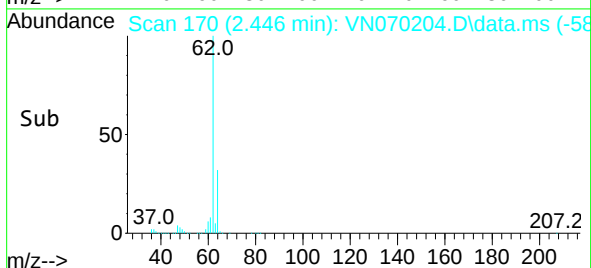
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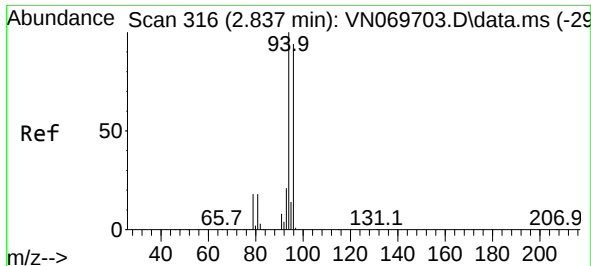


#4
Vinyl Chloride
Concen: 39.187 ug/l
RT: 2.446 min Scan# 170
Delta R.T. 0.000 min
Lab File: VN070204.D
Acq: 18 Dec 2021 9:13



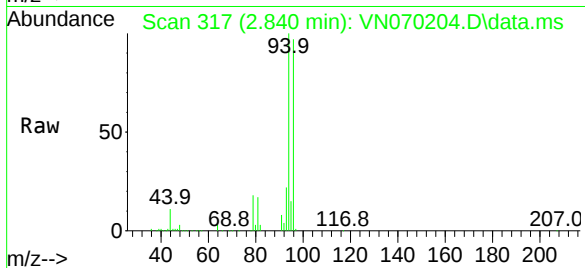
Tgt Ion: 62 Resp: 514674
Ion Ratio Lower Upper
62 100
64 31.1 25.8 38.6





#5
Bromomethane
Concen: 35.875 ug/l
RT: 2.840 min Scan# 316
Delta R.T. 0.003 min
Lab File: VN070204.D
Acq: 18 Dec 2021 9:13

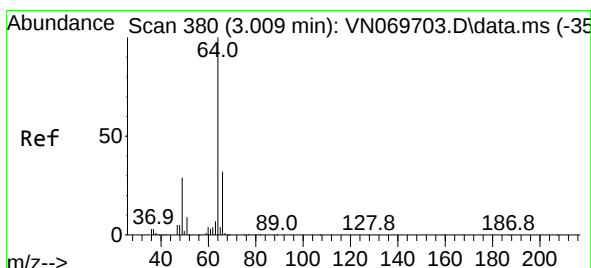
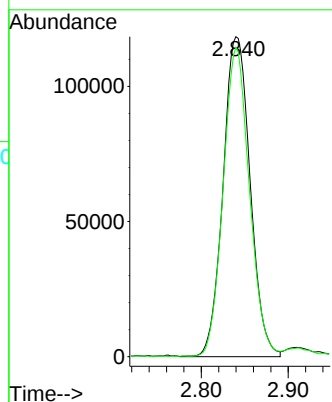
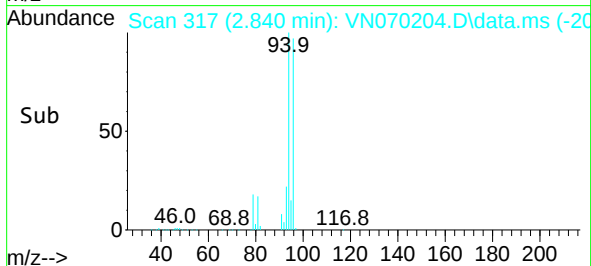
Instrument :
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Tgt Ion: 94 Resp: 25598
Ion Ratio Lower Upper
94 100
96 96.5 73.8 110.8

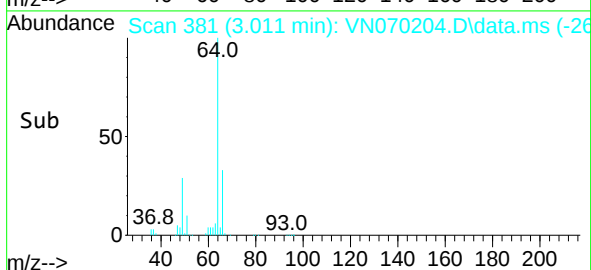
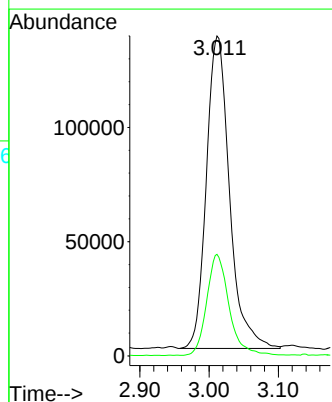
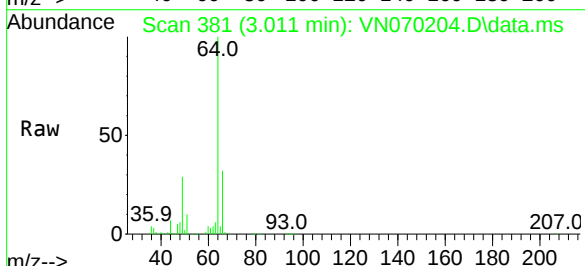
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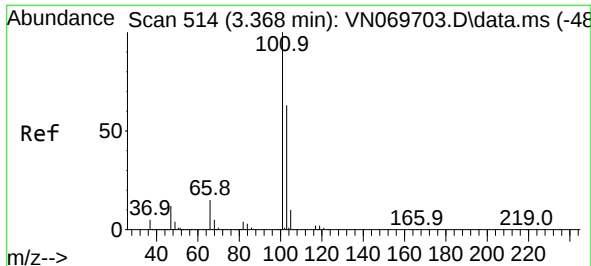
Reviewed By :John Carlone 12/20/2021
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#6
Chloroethane
Concen: 39.479 ug/l
RT: 3.011 min Scan# 381
Delta R.T. 0.003 min
Lab File: VN070204.D
Acq: 18 Dec 2021 9:13

Tgt Ion: 64 Resp: 317730
Ion Ratio Lower Upper
64 100
66 32.3 26.3 39.5





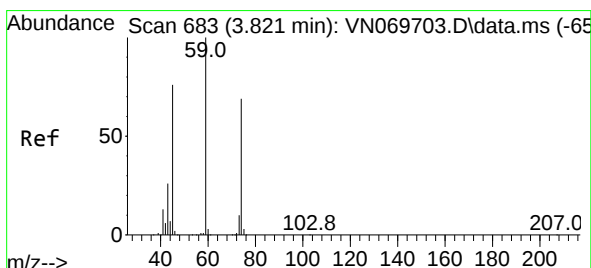
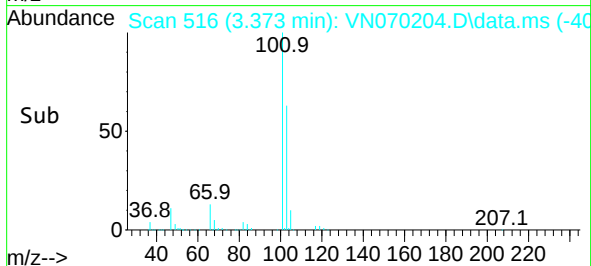
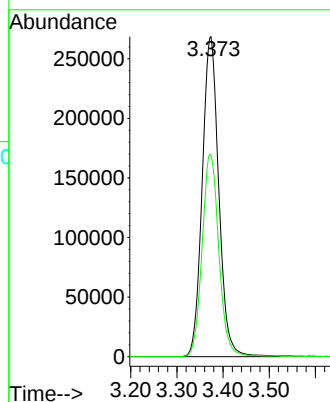
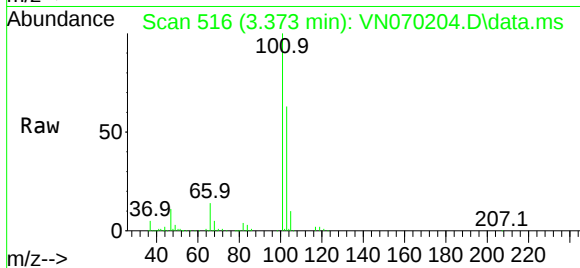
#7
Trichlorofluoromethane
Concen: 38.773 ug/l
RT: 3.373 min Scan# 514
Delta R.T. 0.006 min
Lab File: VN070204.D
Acq: 18 Dec 2021 9:13

Instrument :
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Tgt Ion:101 Resp: 66834
Ion Ratio Lower Upper
101 100
103 62.9 50.1 75.1

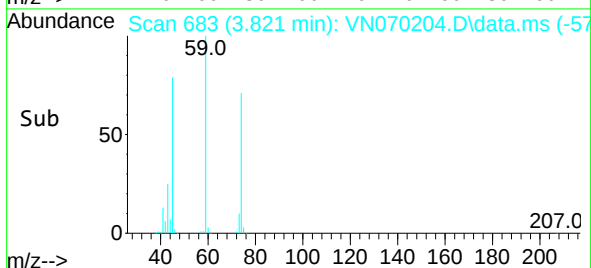
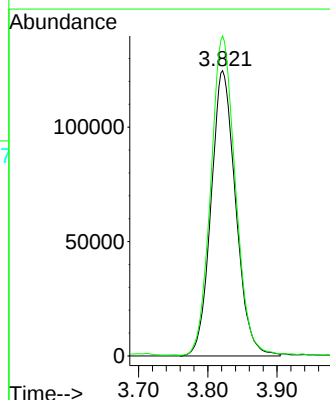
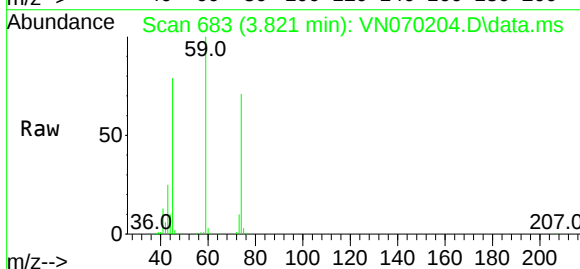
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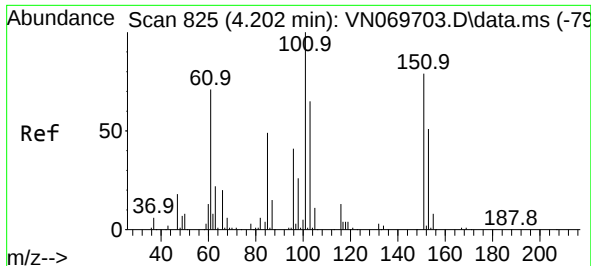
Reviewed By :John Carlone 12/20/2021
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#8
Diethyl Ether
Concen: 46.423 ug/l
RT: 3.821 min Scan# 683
Delta R.T. 0.000 min
Lab File: VN070204.D
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Tgt Ion: 74 Resp: 308198
Ion Ratio Lower Upper
74 100
45 112.0 47.0 141.2





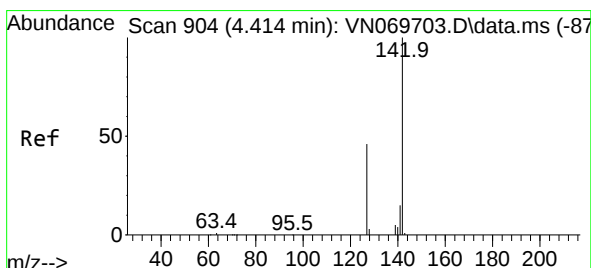
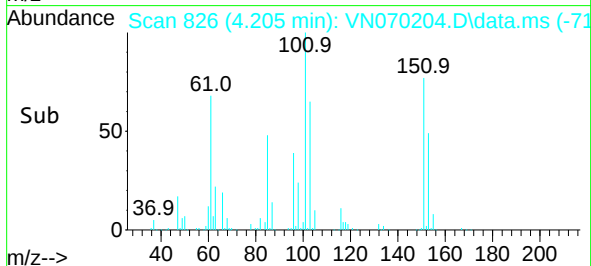
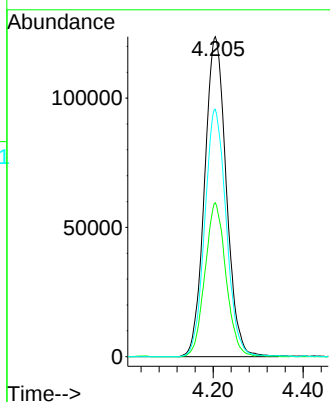
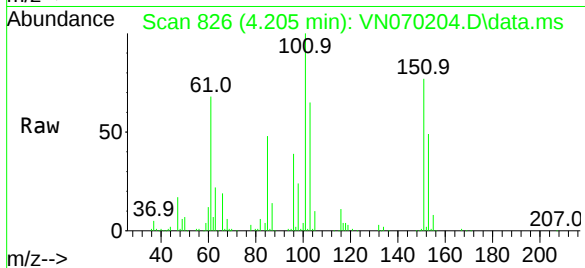
#9
1,1,2-Trichlorotrifluoroethane
Concen: 42.820 ug/l
RT: 4.205 min Scan# 81
Delta R.T. 0.003 min
Lab File: VN070204.D
Acq: 18 Dec 2021 9:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 413744
Ion Ratio Lower Upper
101 100
85 46.5 37.2 55.8
151 76.4 65.9 98.9

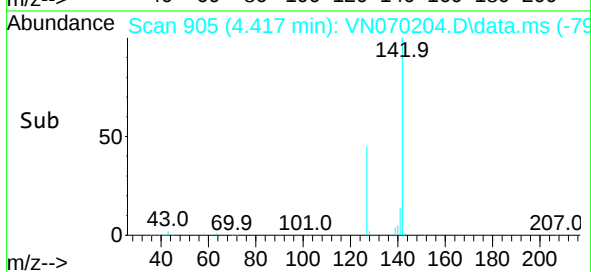
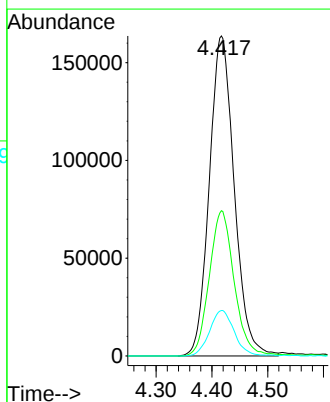
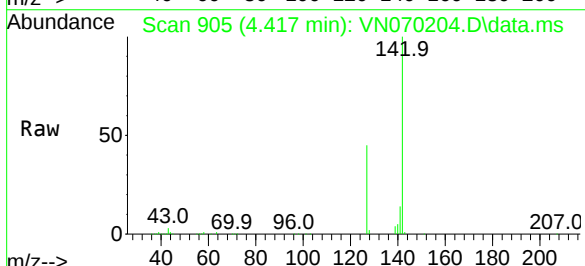
Manual Integrations
APPROVED

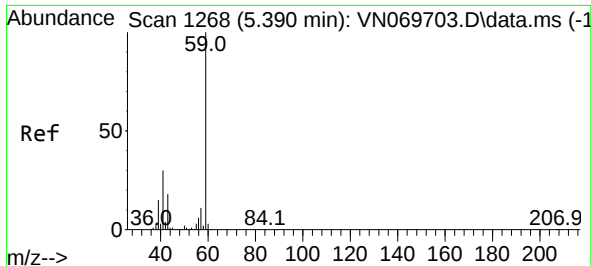
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/23/2021



#10
Methyl Iodide
Concen: 38.494 ug/l
RT: 4.417 min Scan# 905
Delta R.T. 0.003 min
Lab File: VN070204.D
Acq: 18 Dec 2021 9:13

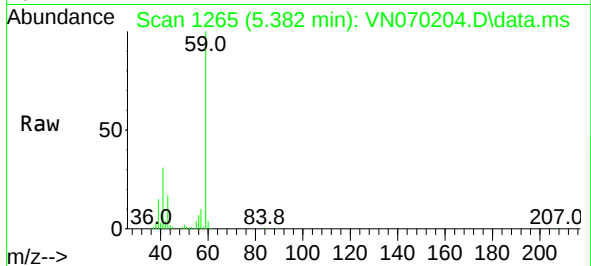
Tgt Ion:142 Resp: 508124
Ion Ratio Lower Upper
142 100
127 45.0 35.4 53.0
141 14.1 11.6 17.4





#11
Tert butyl alcohol
Concen: 209.580 ug/l
RT: 5.382 min Scan# 11
Delta R.T. -0.008 min
Lab File: VN070204.D
Acq: 18 Dec 2021 9:13

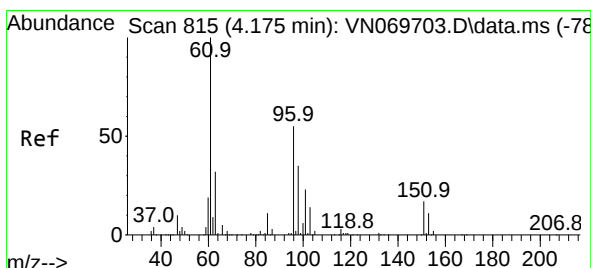
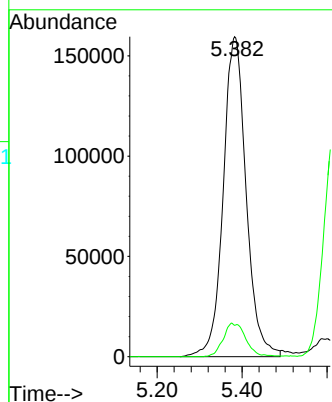
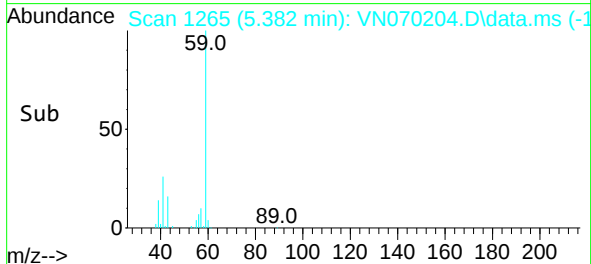
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



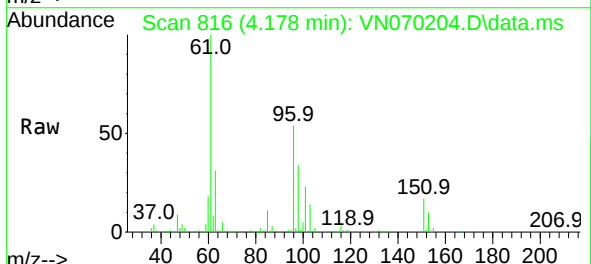
Tgt Ion: 59 Resp: 597909
Ion Ratio Lower Upper
59 100
57 5.3 8.7 13.1

Manual Integrations
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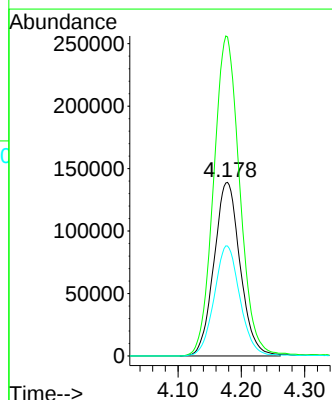
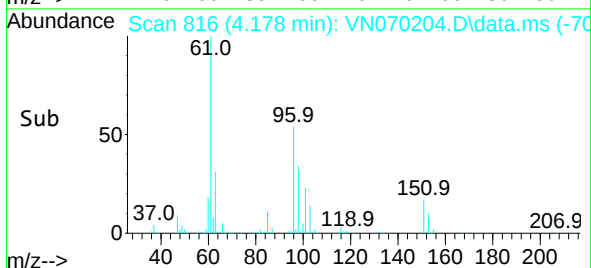
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/23/2021



#12
1,1-Dichloroethene
Concen: 42.753 ug/l
RT: 4.178 min Scan# 816
Delta R.T. 0.003 min
Lab File: VN070204.D
Acq: 18 Dec 2021 9:13



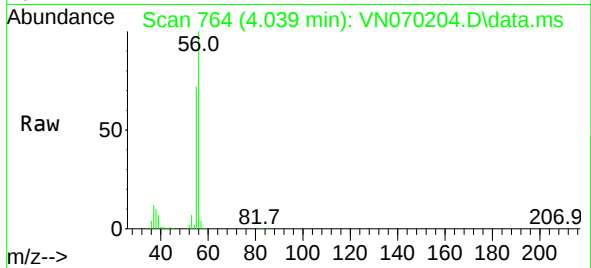
Tgt Ion: 96 Resp: 398080
Ion Ratio Lower Upper
96 100
61 183.7 131.0 196.6
98 63.3 52.4 78.6





#13
Acrolein
Concen: 217.767 ug/l
RT: 4.039 min Scan# 70
Delta R.T. 0.000 min
Lab File: VN070204.D
Acq: 18 Dec 2021 9:13

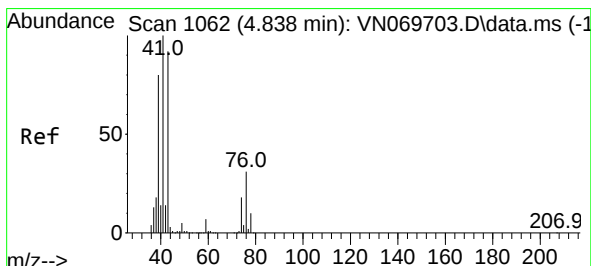
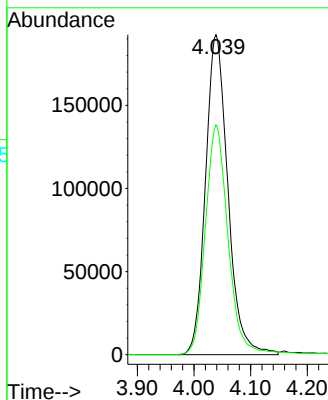
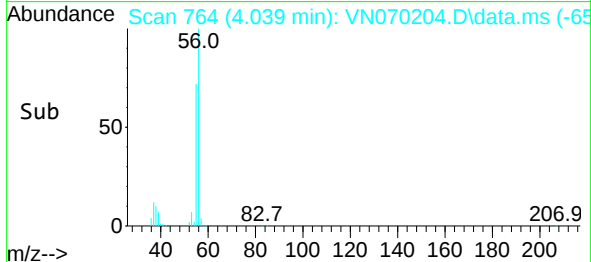
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



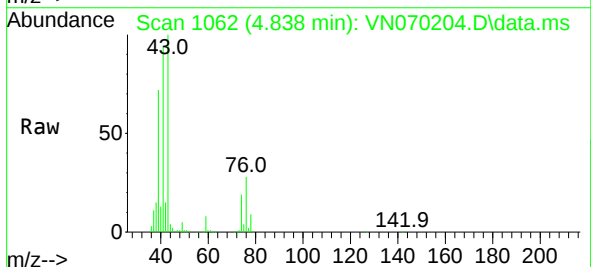
Tgt Ion: 56 Resp: 529062
Ion Ratio Lower Upper
56 100
55 72.6 56.6 85.0

Manual Integrations
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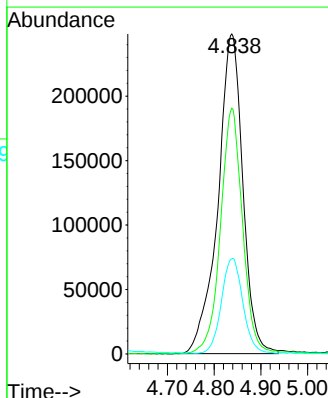
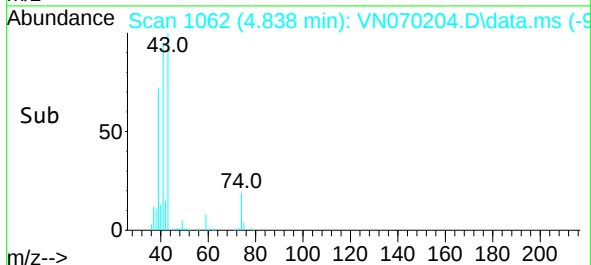
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/23/2021

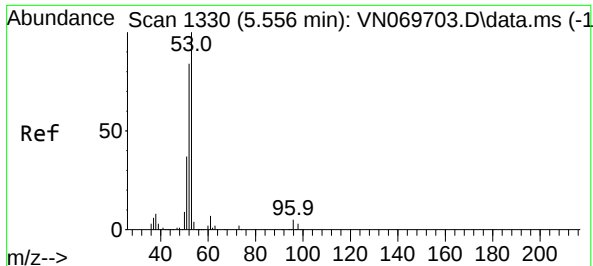


#14
Allyl chloride
Concen: 43.827 ug/l
RT: 4.838 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VN070204.D
Acq: 18 Dec 2021 9:13



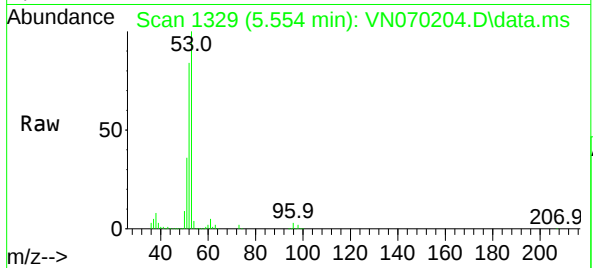
Tgt Ion: 41 Resp: 919553
Ion Ratio Lower Upper
41 100
39 67.9 61.2 91.8
76 25.5 26.0 39.0#





#15
Acrylonitrile
Concen: 228.968 ug/l
RT: 5.554 min Scan# 1330
Delta R.T. -0.002 min
Lab File: VN070204.D
Acq: 18 Dec 2021 9:13

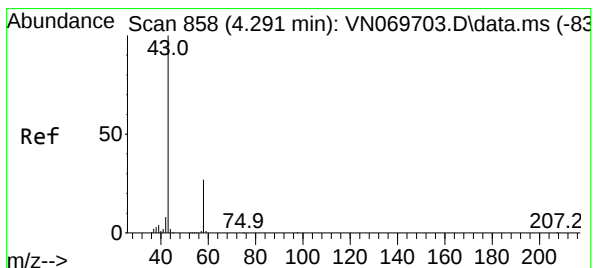
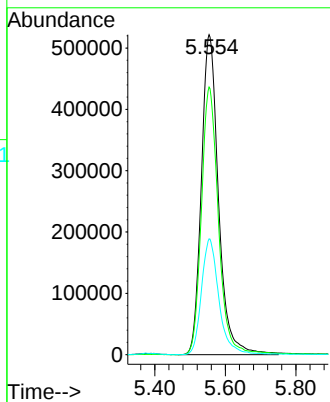
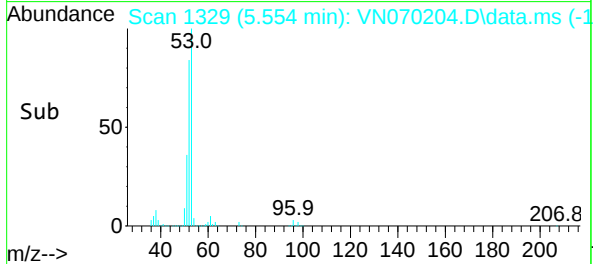
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 176019
Ion Ratio Lower Upper
53 100
52 83.0 66.2 99.2
51 37.0 29.6 44.4

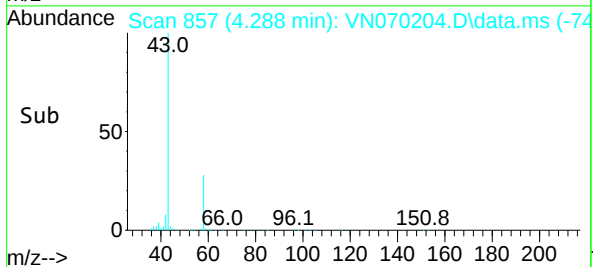
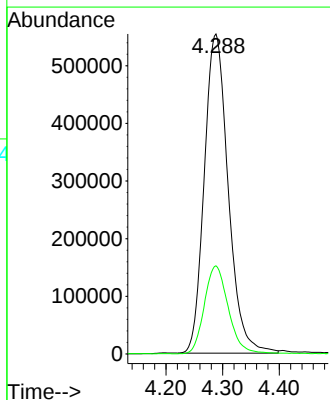
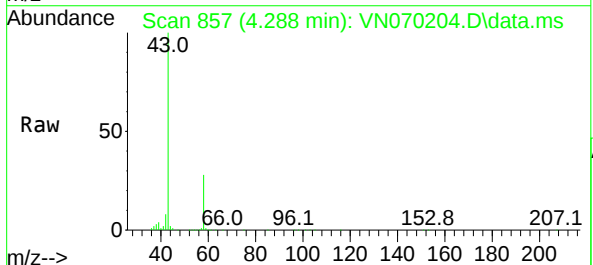
Manual Integrations
APPROVED

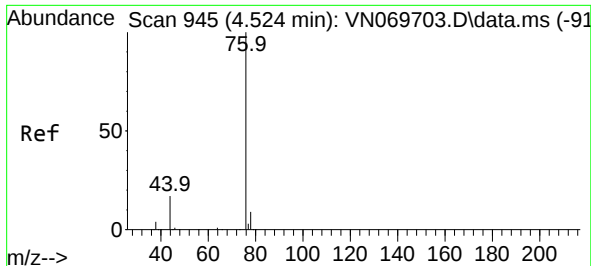
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/23/2021



#16
Acetone
Concen: 179.176 ug/l
RT: 4.288 min Scan# 857
Delta R.T. -0.003 min
Lab File: VN070204.D
Acq: 18 Dec 2021 9:13

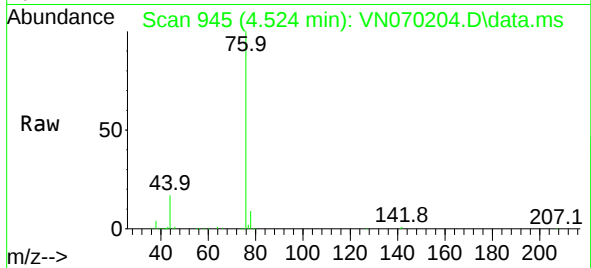
Tgt Ion: 43 Resp: 1626731
Ion Ratio Lower Upper
43 100
58 27.5 23.1 34.7





#17
Carbon Disulfide
Concen: 36.446 ug/l
RT: 4.524 min Scan# 945
Delta R.T. 0.000 min
Lab File: VN070204.D
Acq: 18 Dec 2021 9:13

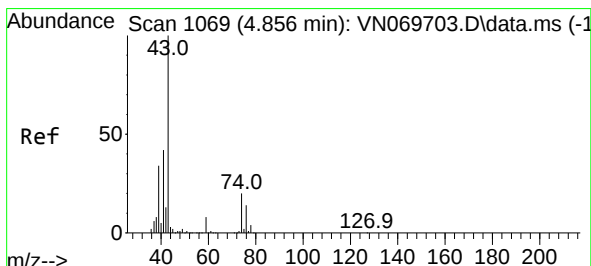
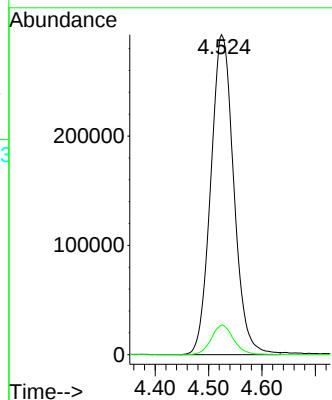
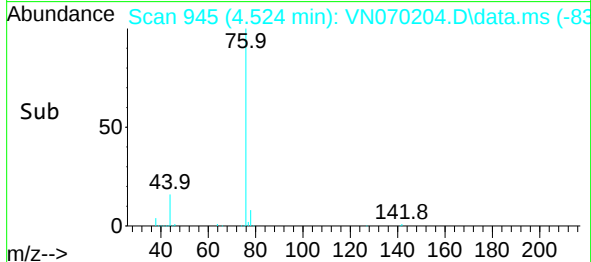
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



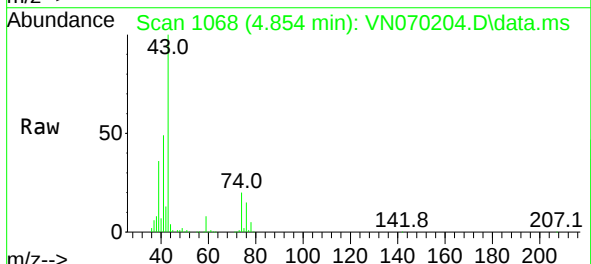
Tgt Ion: 76 Resp: 876710
Ion Ratio Lower Upper
76 100
78 9.3 7.5 11.3

Manual Integrations
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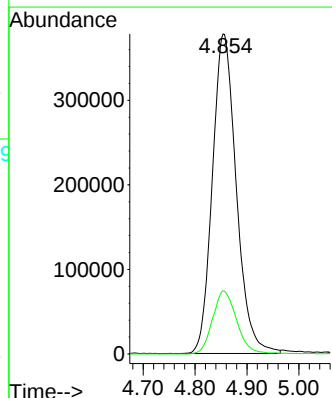
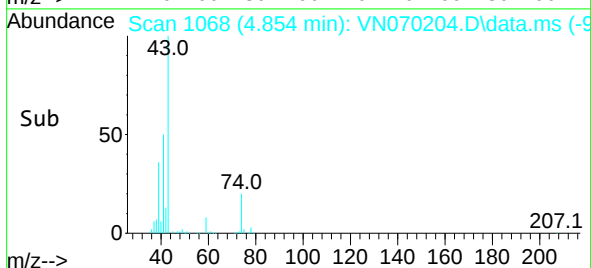
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/23/2021

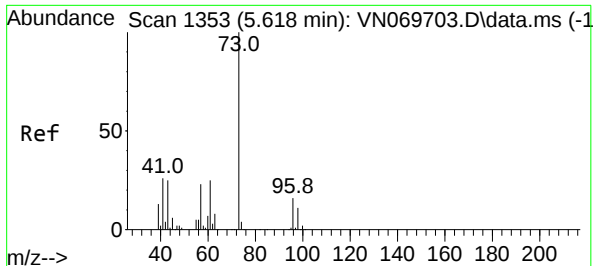


#18
Methyl Acetate
Concen: 44.153 ug/l
RT: 4.854 min Scan# 1068
Delta R.T. -0.003 min
Lab File: VN070204.D
Acq: 18 Dec 2021 9:13



Tgt Ion: 43 Resp: 1209982
Ion Ratio Lower Upper
43 100
74 19.8 19.4 29.2





#19

Methyl tert-butyl Ether

Concen: 47.089 ug/l

RT: 5.618 min Scan# 1156

Delta R.T. 0.000 min

Lab File: VN070204.D

Acq: 18 Dec 2021 9:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 73 Resp: 170480

Ion Ratio Lower Upper

73 100

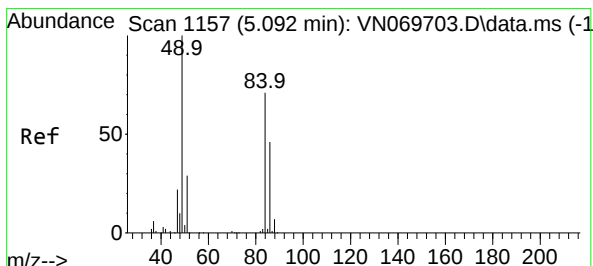
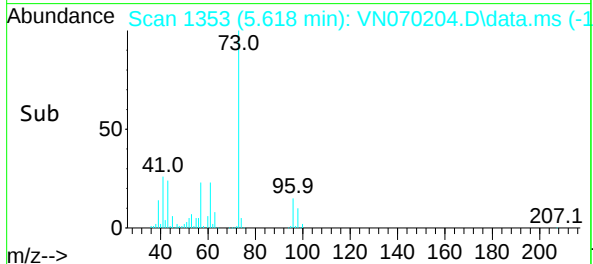
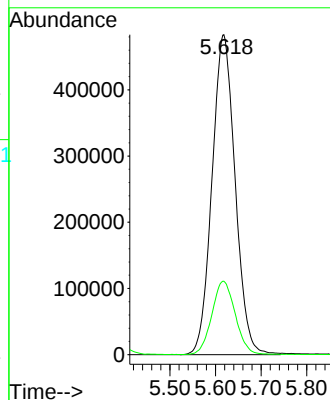
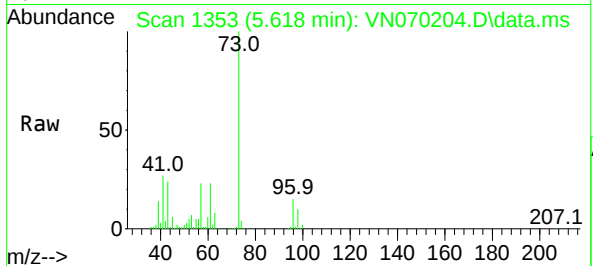
57 22.9 16.8 25.2

Manual Integrations

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Reviewed By :John Carlone 12/20/2021

Supervised By :Mahesh Dadoda 12/23/2021



#20

Methylene Chloride

Concen: 42.653 ug/l

RT: 5.090 min Scan# 1156

Delta R.T. -0.002 min

Lab File: VN070204.D

Acq: 18 Dec 2021 9:13

Tgt Ion: 84 Resp: 514790

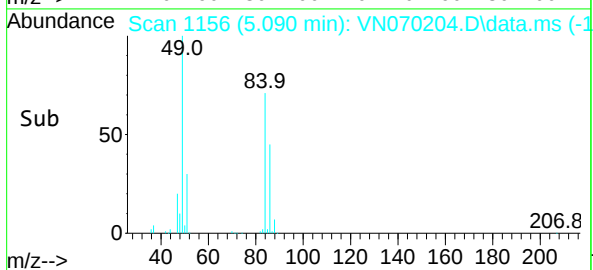
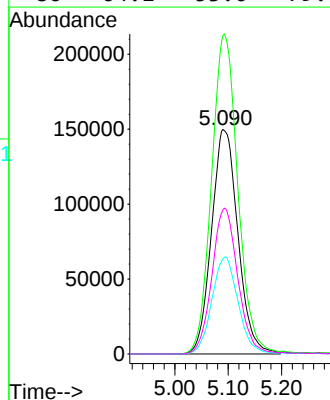
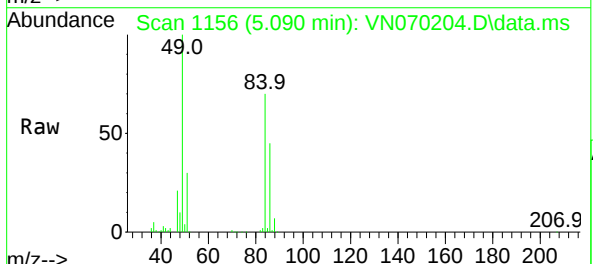
Ion Ratio Lower Upper

84 100

49 141.9 93.5 140.3#

51 42.4 29.4 44.2

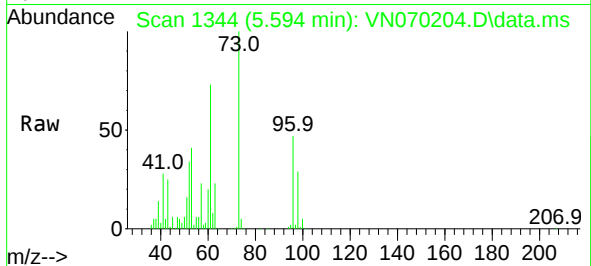
86 64.1 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 41.844 ug/l
RT: 5.594 min Scan# 1344
Delta R.T. 0.000 min
Lab File: VN070204.D
Acq: 18 Dec 2021 9:13

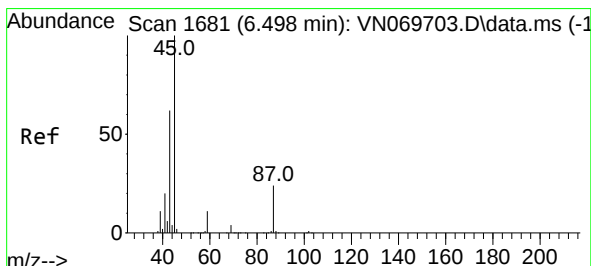
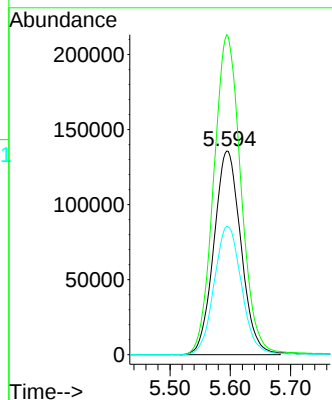
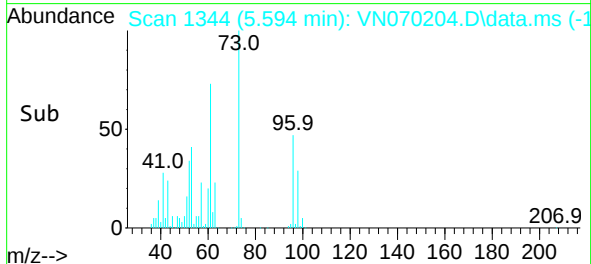
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



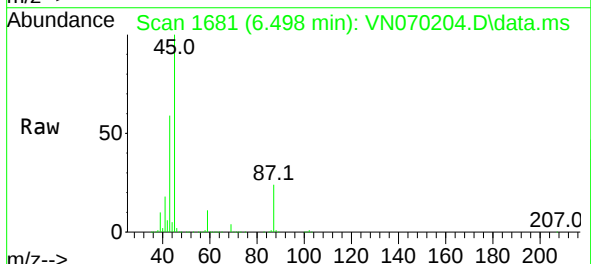
Tgt Ion: 96 Resp: 423179
Ion Ratio Lower Upper
96 100
61 157.0 105.8 158.6
98 63.0 52.0 78.0

Manual Integrations
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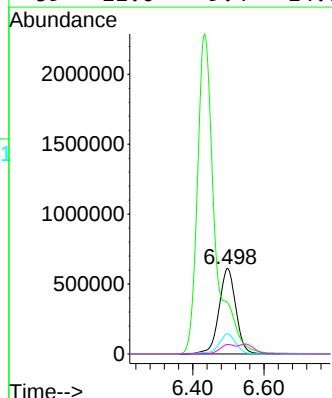
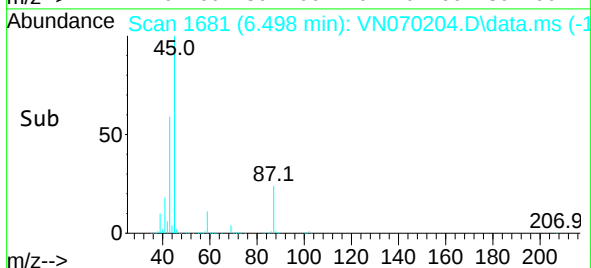
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/23/2021

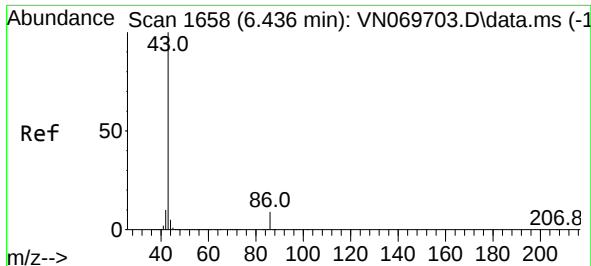


#22
Diisopropyl ether
Concen: 49.290 ug/l
RT: 6.498 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VN070204.D
Acq: 18 Dec 2021 9:13



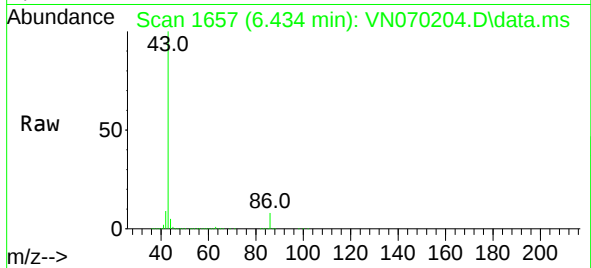
Tgt Ion: 45 Resp: 2021350
Ion Ratio Lower Upper
45 100
43 59.2 51.7 77.5
87 23.5 23.2 34.8
59 11.0 9.4 14.0





#23
 Vinyl Acetate
 Concen: 234.301 ug/l
 RT: 6.434 min Scan# 1657
 Delta R.T. -0.002 min
 Lab File: VN070204.D
 Acq: 18 Dec 2021 9:13

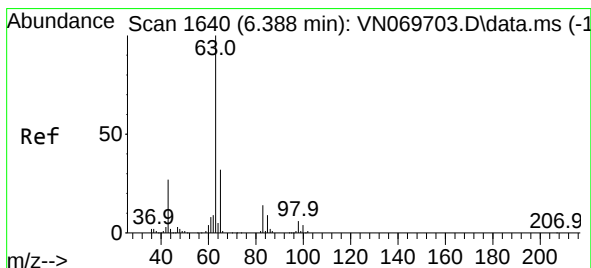
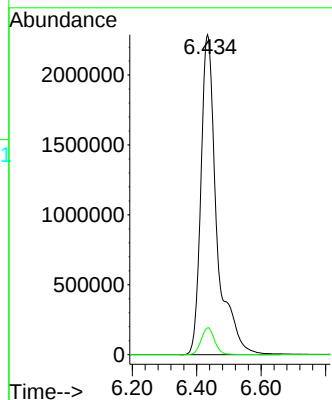
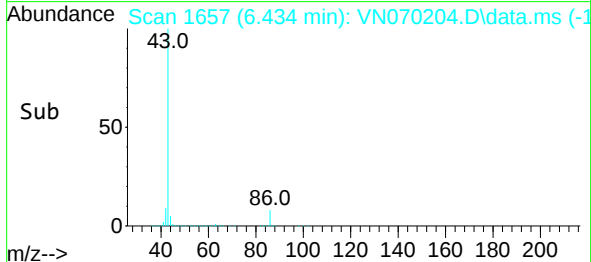
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



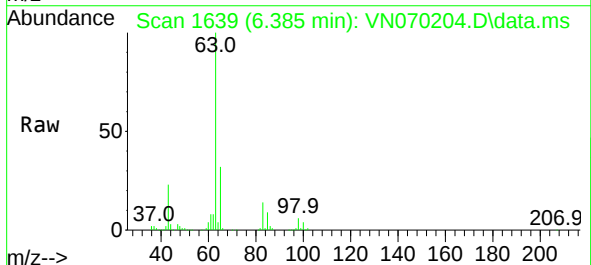
Tgt Ion: 43 Resp: 7817098
 Ion Ratio Lower Upper
 43 100
 86 8.4 8.5 12.7

Manual Integrations
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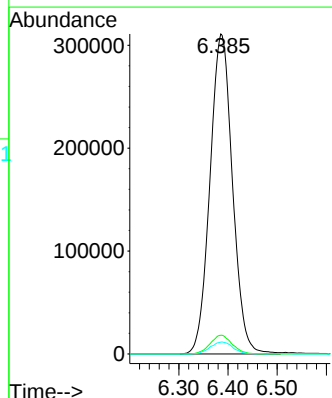
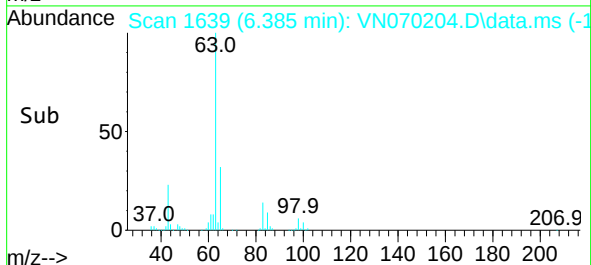
Reviewed By :John Carlone 12/20/2021
 Supervised By :Mahesh Dadoda 12/23/2021



#24
 1,1-Dichloroethane
 Concen: 46.521 ug/l
 RT: 6.385 min Scan# 1639
 Delta R.T. -0.002 min
 Lab File: VN070204.D
 Acq: 18 Dec 2021 9:13



Tgt Ion: 63 Resp: 988262
 Ion Ratio Lower Upper
 63 100
 98 5.8 3.3 9.9
 100 3.7 2.1 6.5





#25

2-Butanone

Concen: 207.746 ug/l

RT: 7.335 min Scan# 1994

Delta R.T. -0.003 min

Lab File: VN070204.D

Acq: 18 Dec 2021 9:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 256268

Ion Ratio Lower Upper

43 100

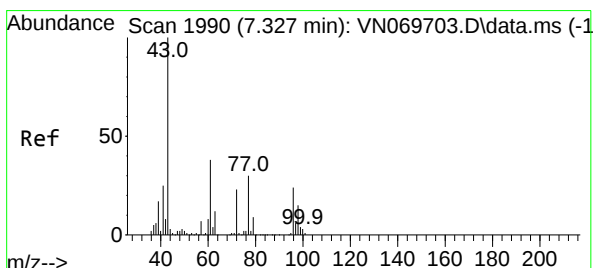
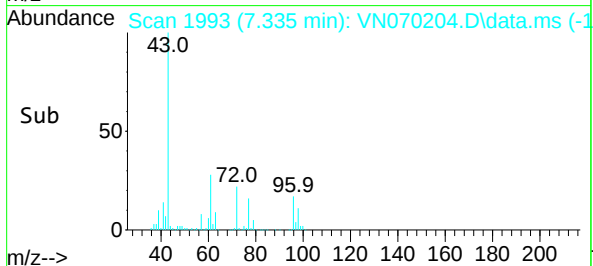
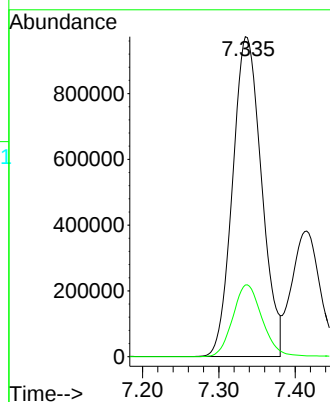
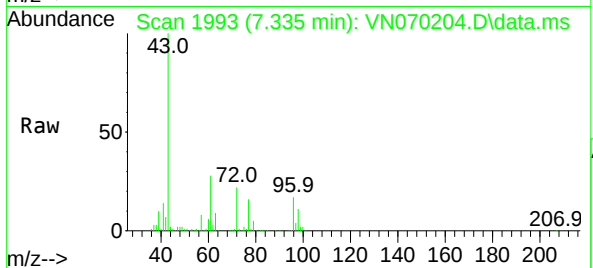
72 22.4 21.7 32.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2021

Supervised By :Mahesh Dadoda 12/23/2021



#26

2,2-Dichloropropane

Concen: 31.085 ug/l

RT: 7.324 min Scan# 1989

Delta R.T. -0.002 min

Lab File: VN070204.D

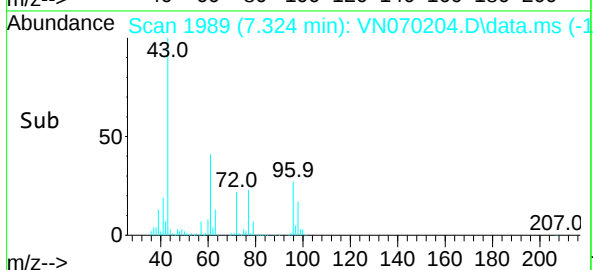
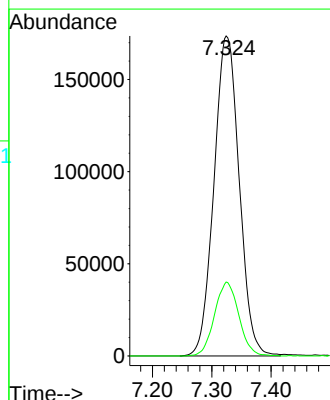
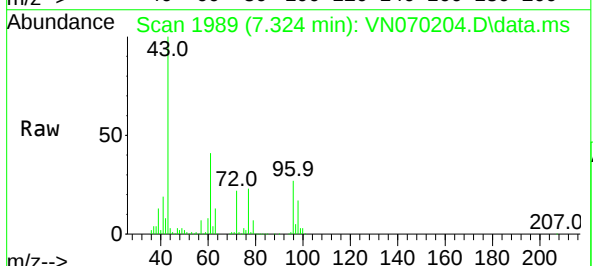
Acq: 18 Dec 2021 9:13

Tgt Ion: 77 Resp: 513428

Ion Ratio Lower Upper

77 100

97 22.2 11.6 34.8





#27

cis-1,2-Dichloroethene

Concen: 44.022 ug/l

RT: 7.327 min Scan# 1990

Delta R.T. 0.000 min

Lab File: VN070204.D

Acq: 18 Dec 2021 9:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

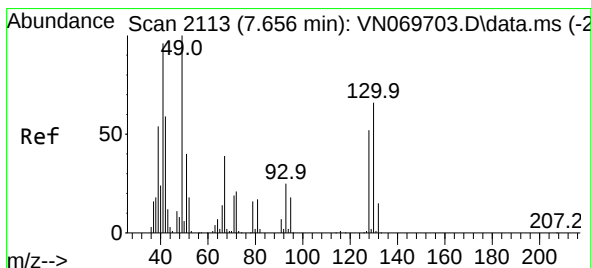
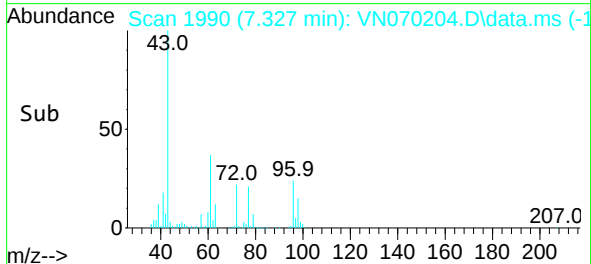
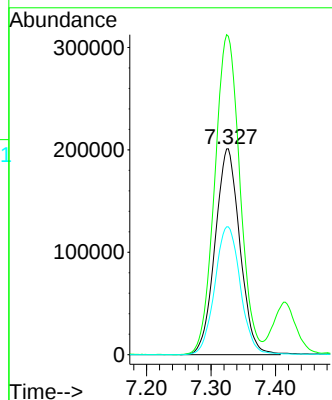
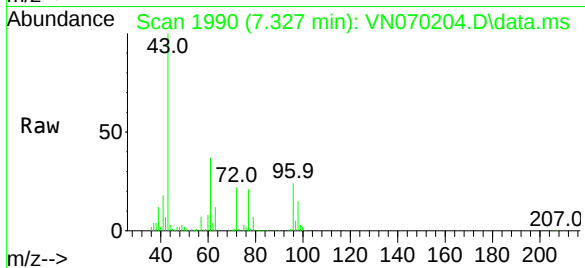
Tgt Ion:	96	Resp:	537890
Ion Ratio	Lower	Upper	
96	100		
61	157.9	0.0	275.0
98	64.2	0.0	129.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2021

Supervised By :Mahesh Dadoda 12/23/2021



#28

Bromochloromethane

Concen: 46.356 ug/l

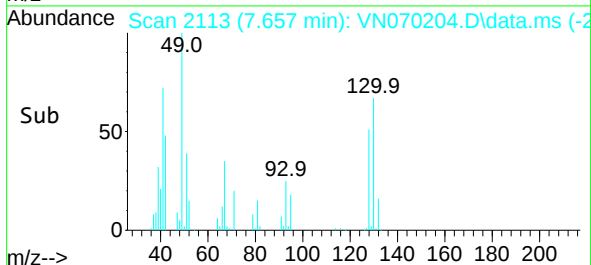
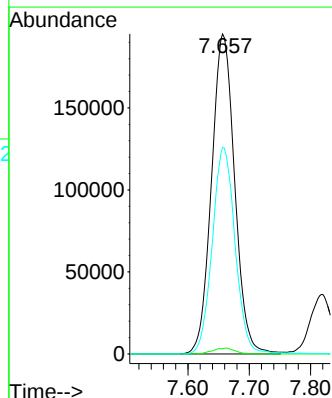
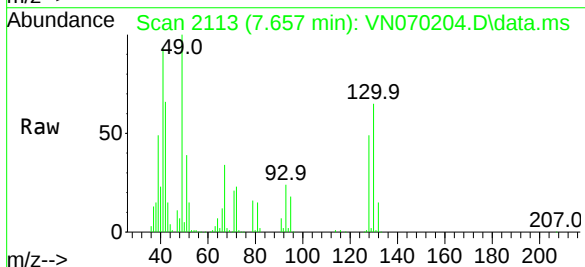
RT: 7.657 min Scan# 2113

Delta R.T. 0.000 min

Lab File: VN070204.D

Acq: 18 Dec 2021 9:13

Tgt Ion:	49	Resp:	512086
Ion Ratio	Lower	Upper	
49	100		
129	1.8	0.0	4.0
130	63.7	67.8	101.8





#29

Tetrahydrofuran

Concen: 224.746 ug/l

RT: 7.686 min Scan# 2124

Delta R.T. 0.000 min

Lab File: VN070204.D

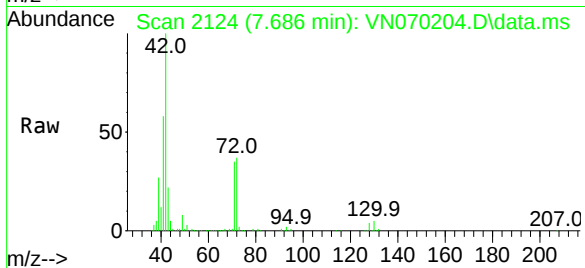
Acq: 18 Dec 2021 9:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 42 Resp: 168346

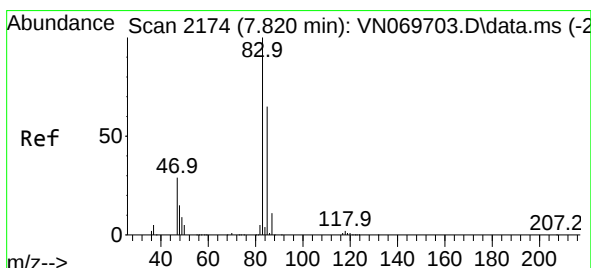
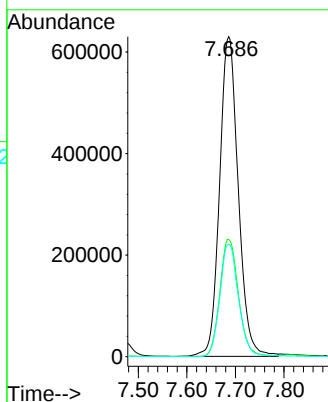
Ion	Ratio	Lower	Upper
42	100		
72	36.8	36.3	54.5
71	34.9	34.7	52.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2021

Supervised By :Mahesh Dadoda 12/23/2021



#30

Chloroform

Concen: 45.871 ug/l

RT: 7.817 min Scan# 2173

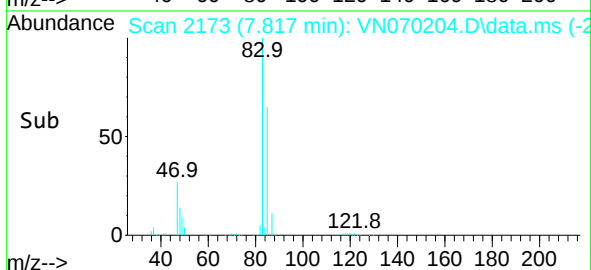
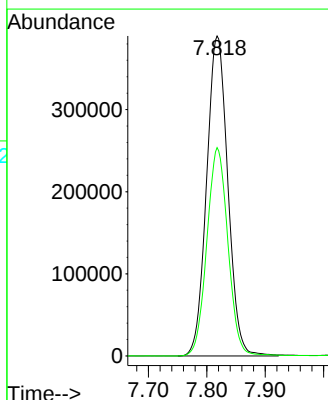
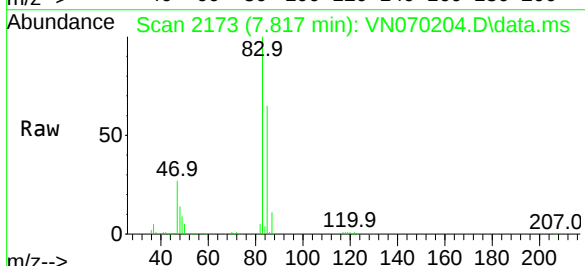
Delta R.T. -0.003 min

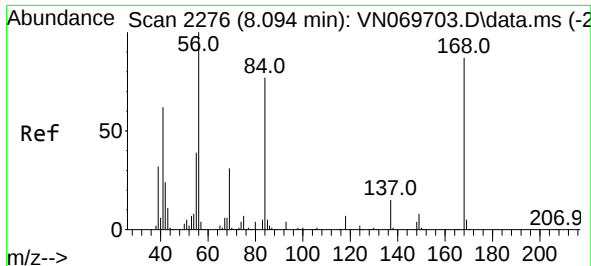
Lab File: VN070204.D

Acq: 18 Dec 2021 9:13

Tgt Ion: 83 Resp: 984137

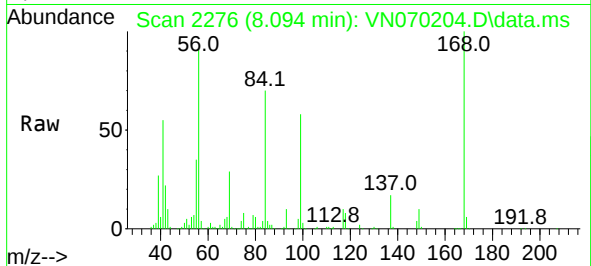
Ion	Ratio	Lower	Upper
83	100		
85	65.1	51.9	77.9





#31
Cyclohexane
Concen: 40.499 ug/l
RT: 8.094 min Scan# 2276
Delta R.T. 0.000 min
Lab File: VN070204.D
Acq: 18 Dec 2021 9:13

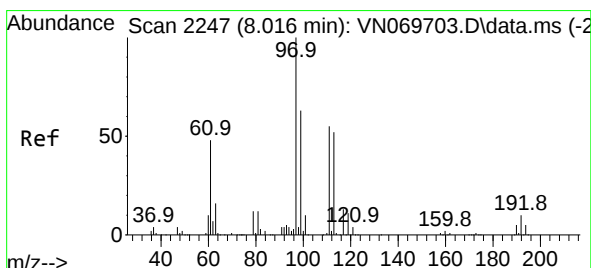
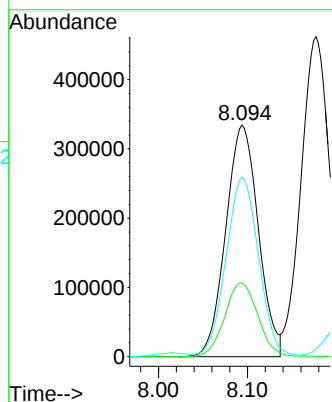
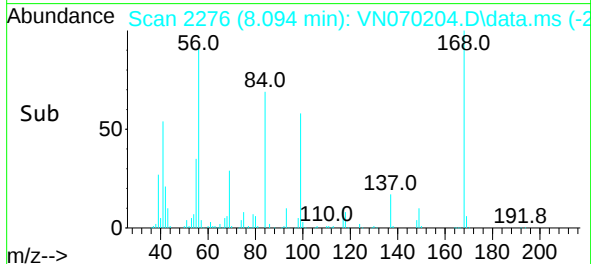
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



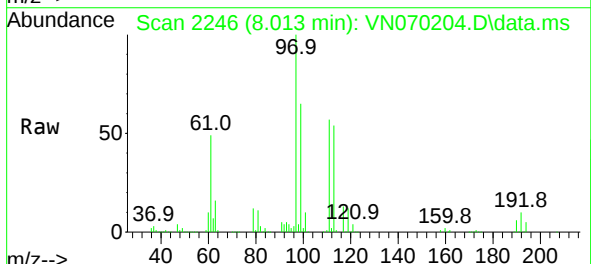
Tgt Ion: 56 Resp: 850633
Ion Ratio Lower Upper
56 100
69 31.8 27.1 40.7
84 76.2 73.4 110.0

Manual Integrations
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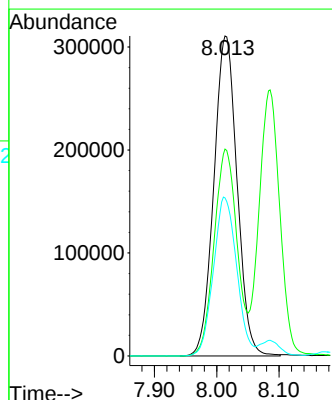
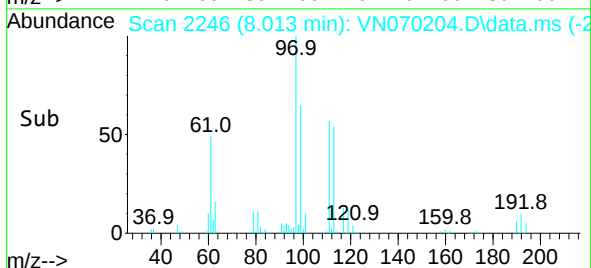
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/23/2021



#32
1,1,1-Trichloroethane
Concen: 44.091 ug/l
RT: 8.013 min Scan# 2246
Delta R.T. -0.002 min
Lab File: VN070204.D
Acq: 18 Dec 2021 9:13



Tgt Ion: 97 Resp: 805763
Ion Ratio Lower Upper
97 100
99 63.8 50.1 75.1
61 49.6 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 45.548 ug/l

RT: 8.437 min Scan# 2404

Delta R.T. 0.000 min

Lab File: VN070204.D

Acq: 18 Dec 2021 9:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 68744

Ion Ratio Lower Upper

65 100

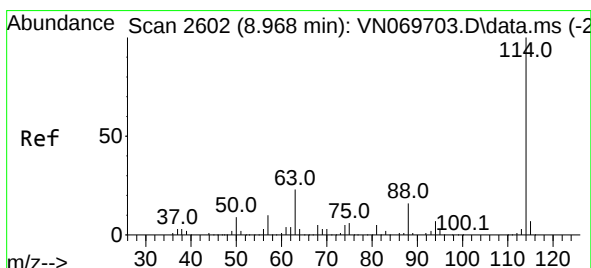
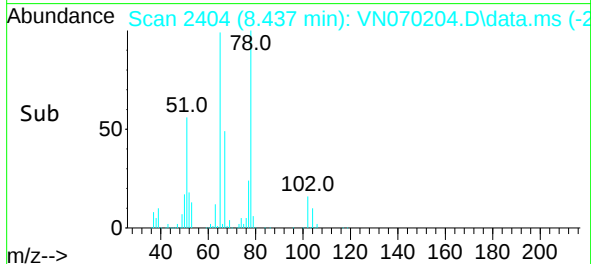
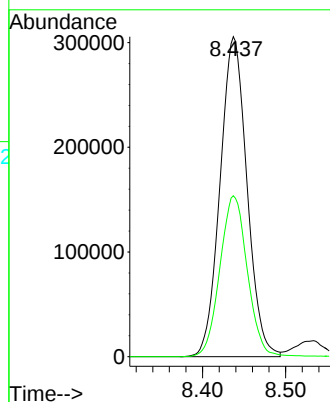
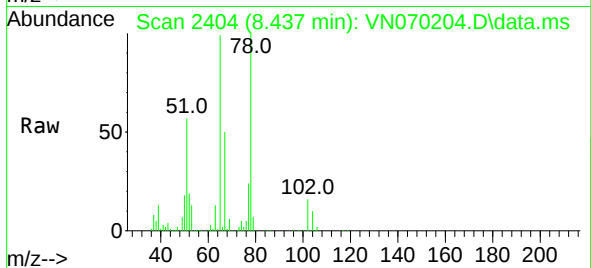
67 51.6 0.0 103.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2021

Supervised By :Mahesh Dadoda 12/23/2021



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.968 min Scan# 2602

Delta R.T. 0.000 min

Lab File: VN070204.D

Acq: 18 Dec 2021 9:13

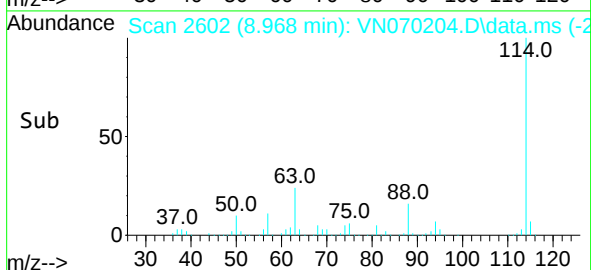
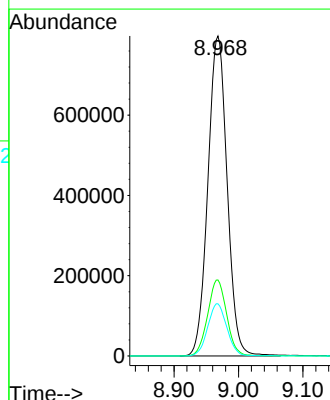
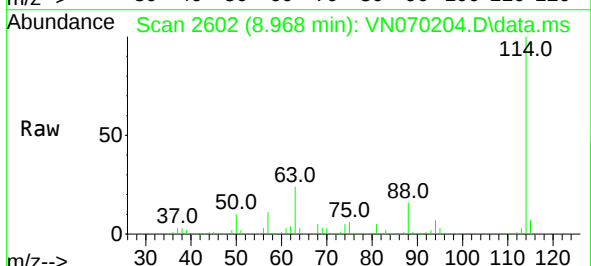
Tgt Ion:114 Resp: 1654364

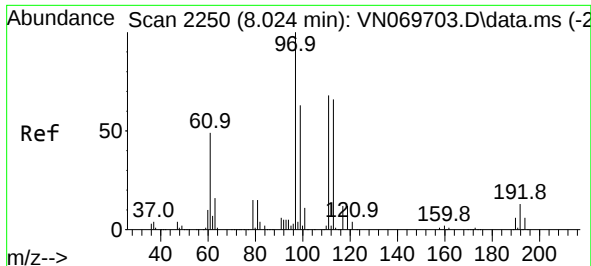
Ion Ratio Lower Upper

114 100

63 23.7 0.0 37.8

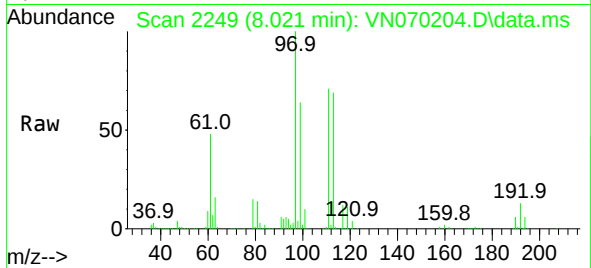
88 16.3 0.0 27.4





#35
Dibromofluoromethane
Concen: 46.158 ug/l
RT: 8.021 min Scan# 2249
Delta R.T. -0.003 min
Lab File: VN070204.D
Acq: 18 Dec 2021 9:13

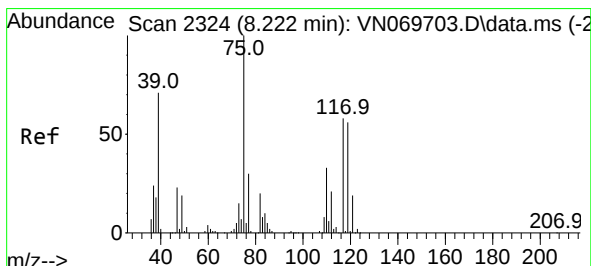
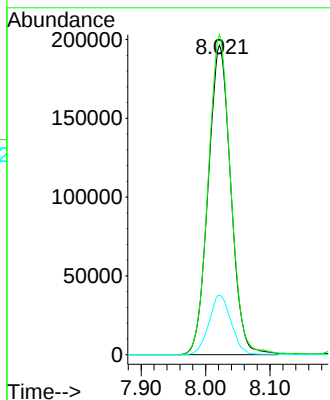
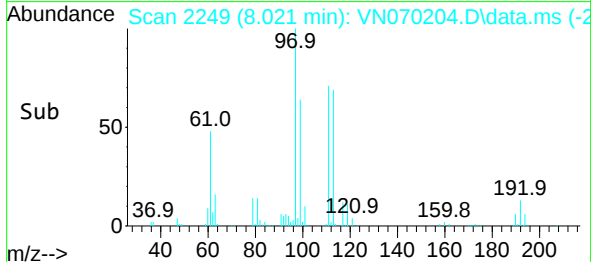
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 113 Resp: 478318
Ion Ratio Lower Upper
113 100
111 103.1 82.2 123.2
192 19.0 16.9 25.3

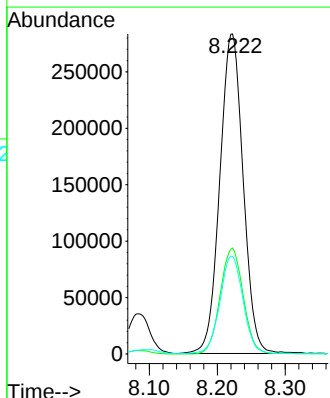
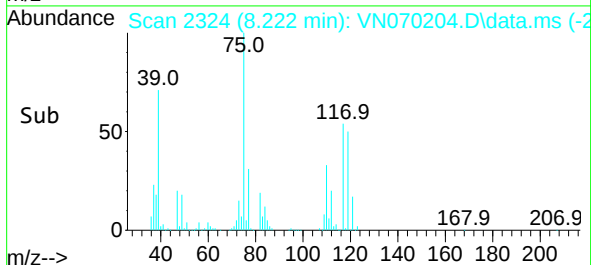
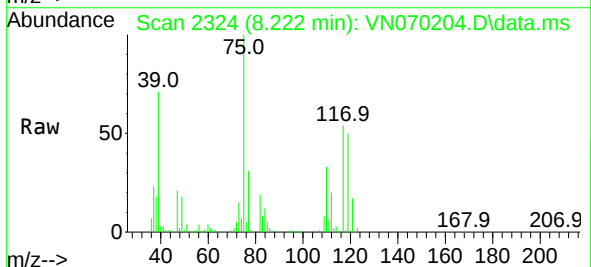
Manual Integrations
APPROVED

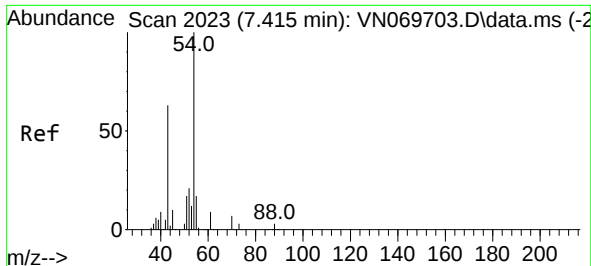
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/23/2021



#36
1,1-Dichloropropene
Concen: 42.764 ug/l
RT: 8.222 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VN070204.D
Acq: 18 Dec 2021 9:13

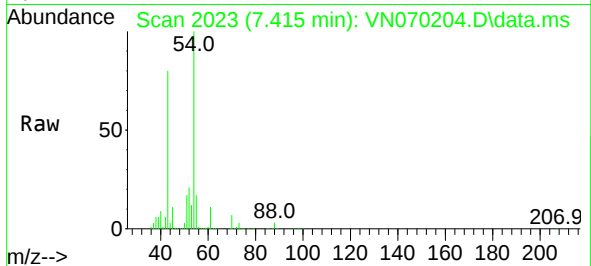
Tgt Ion: 75 Resp: 673497
Ion Ratio Lower Upper
75 100
110 32.8 18.4 55.2
77 30.3 24.4 36.6





#37
Ethyl Acetate
Concen: 43.425 ug/l
RT: 7.415 min Scan# 2023
Delta R.T. 0.000 min
Lab File: VN070204.D
Acq: 18 Dec 2021 9:13

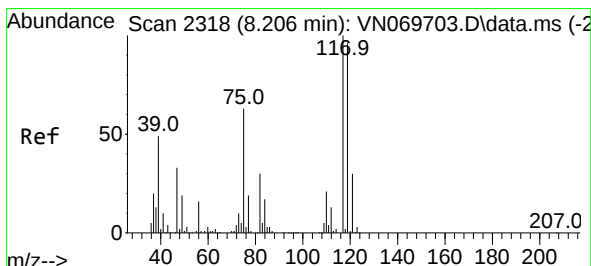
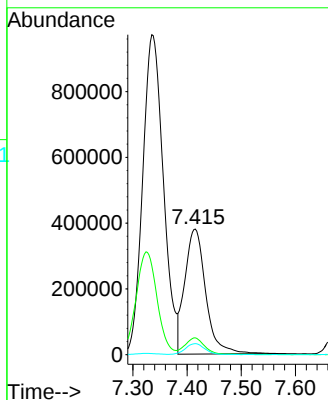
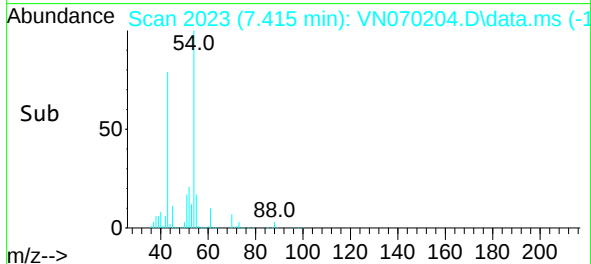
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 101789
Ion Ratio Lower Upper
43 100
61 12.0 11.5 17.3
70 8.3 7.9 11.9

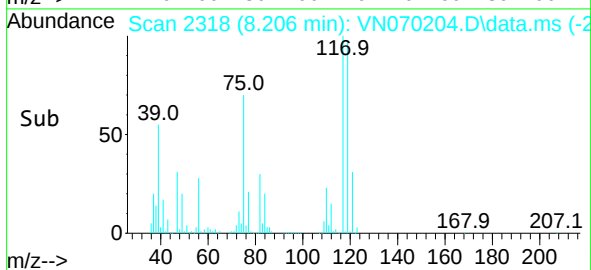
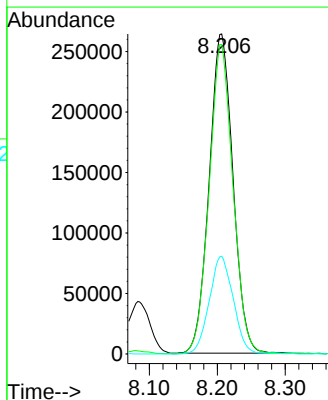
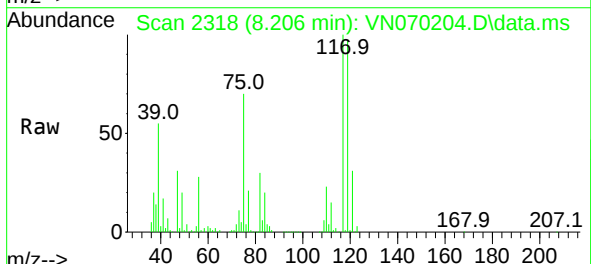
Manual Integrations
APPROVED

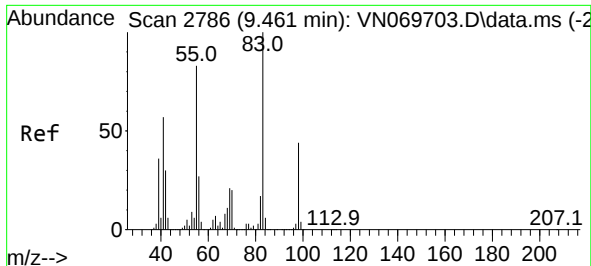
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/23/2021



#38
Carbon Tetrachloride
Concen: 41.652 ug/l
RT: 8.206 min Scan# 2318
Delta R.T. 0.000 min
Lab File: VN070204.D
Acq: 18 Dec 2021 9:13

Tgt Ion:117 Resp: 643261
Ion Ratio Lower Upper
117 100
119 96.8 76.1 114.1
121 30.6 24.2 36.2





#39

Methylcyclohexane

Concen: 40.116 ug/l

RT: 9.459 min Scan# 21

Delta R.T. -0.002 min

Lab File: VN070204.D

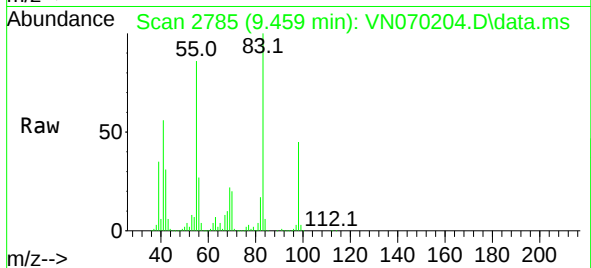
Acq: 18 Dec 2021 9:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



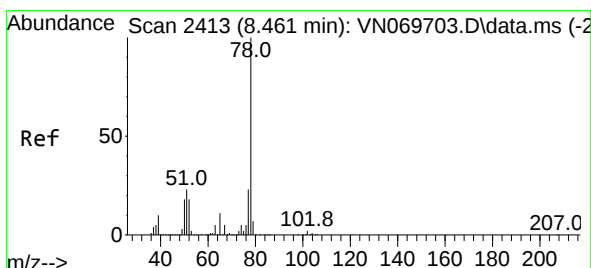
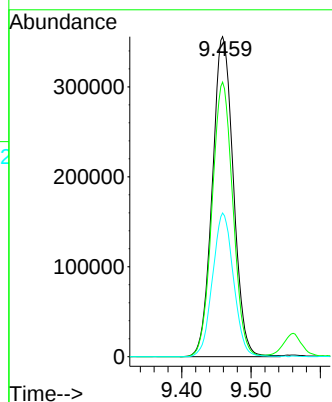
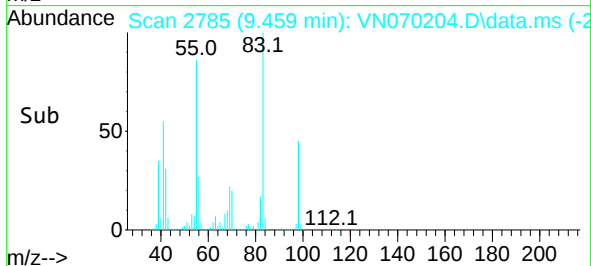
Tgt Ion:	83	Resp:	751504
Ion Ratio	Lower	Upper	
83	100		
55	85.8	58.1	87.1
98	44.9	38.4	57.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2021

Supervised By :Mahesh Dadoda 12/23/2021



#40

Benzene

Concen: 43.914 ug/l

RT: 8.458 min Scan# 2412

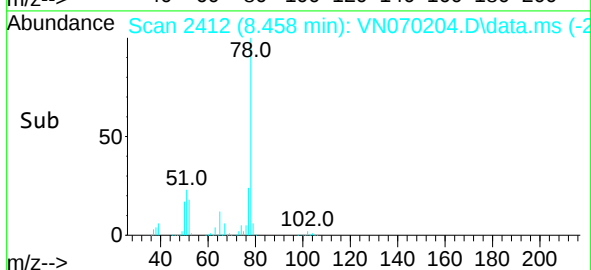
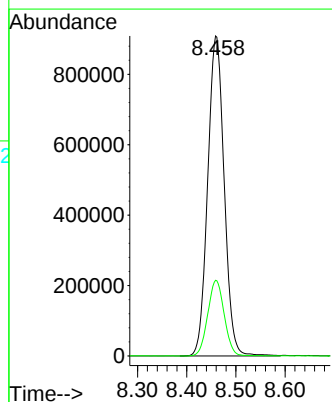
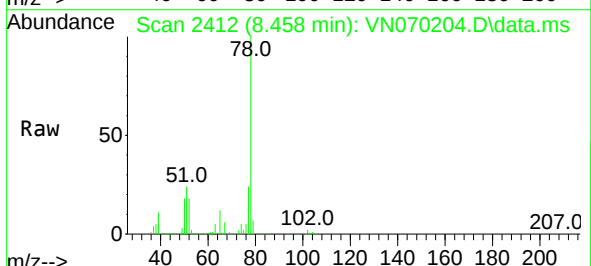
Delta R.T. -0.002 min

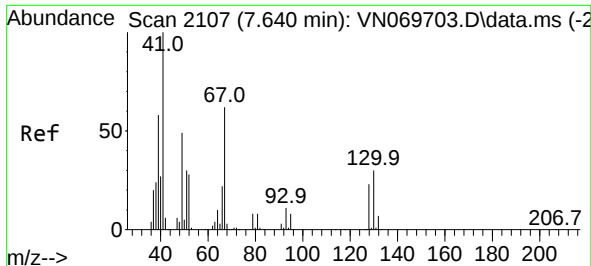
Lab File: VN070204.D

Acq: 18 Dec 2021 9:13

Tgt Ion: 78 Resp: 2113952

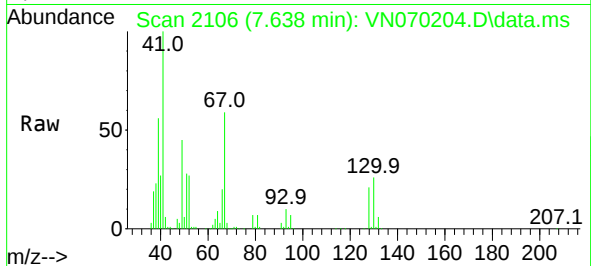
Ion Ratio	Lower	Upper
78	100	
77	23.6	18.6 27.8





#41
Methacrylonitrile
Concen: 49.303 ug/l
RT: 7.638 min Scan# 2106
Delta R.T. -0.002 min
Lab File: VN070204.D
Acq: 18 Dec 2021 9:13

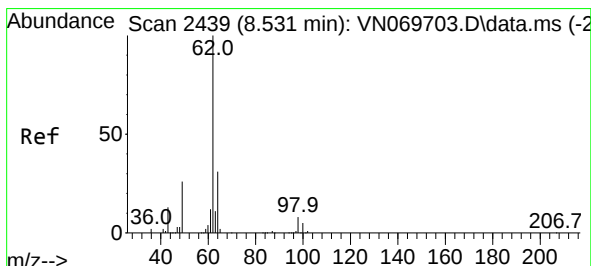
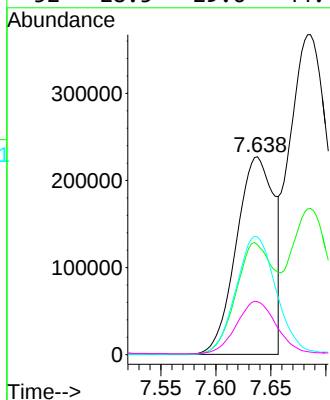
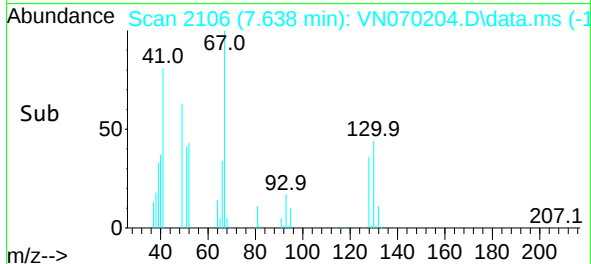
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 542510
Ion Ratio Lower Upper
41 100
39 58.4 48.1 72.1
67 64.9 68.3 102.5
52 28.5 29.6 44.4#

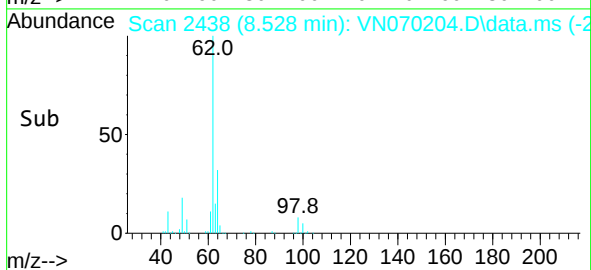
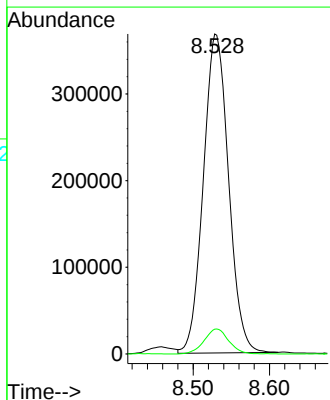
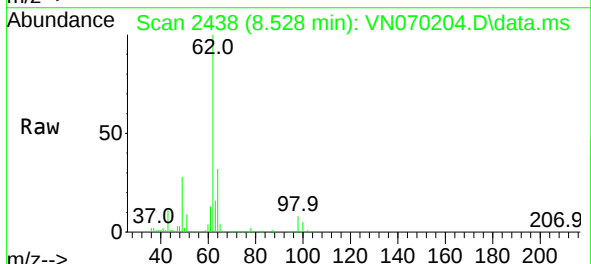
Manual Integrations
APPROVED

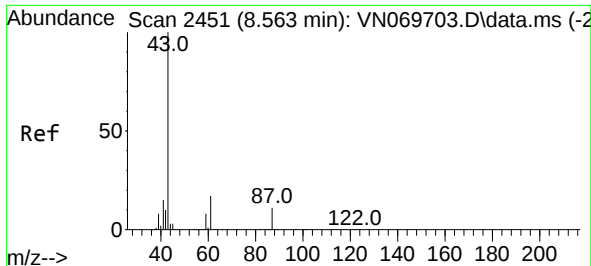
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/23/2021



#42
1,2-Dichloroethane
Concen: 43.477 ug/l
RT: 8.528 min Scan# 2438
Delta R.T. -0.002 min
Lab File: VN070204.D
Acq: 18 Dec 2021 9:13

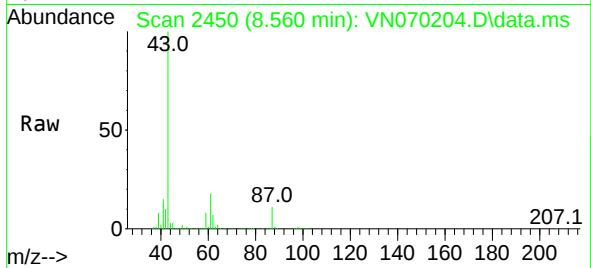
Tgt Ion: 62 Resp: 844863
Ion Ratio Lower Upper
62 100
98 7.7 0.0 17.6





#43
Isopropyl Acetate
Concen: 44.951 ug/l
RT: 8.560 min Scan# 2451
Delta R.T. -0.003 min
Lab File: VN070204.D
Acq: 18 Dec 2021 9:13

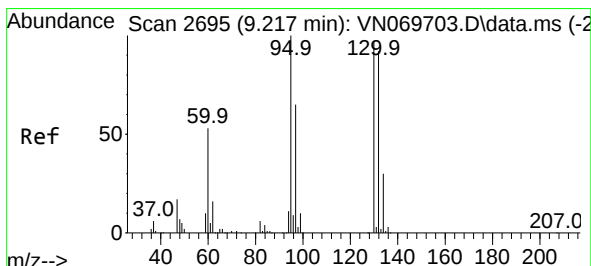
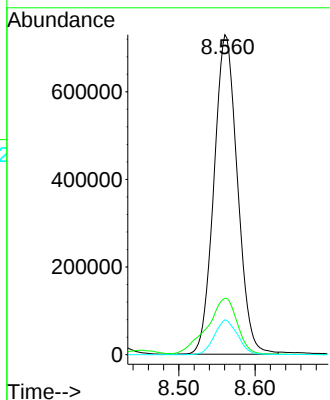
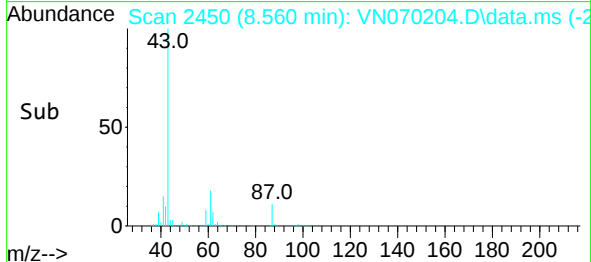
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 155924
Ion Ratio Lower Upper
43 100
61 22.6 20.4 30.6
87 10.8 11.2 16.8

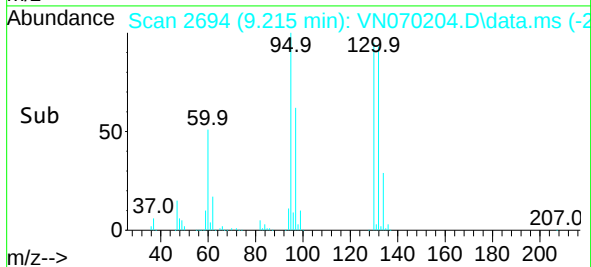
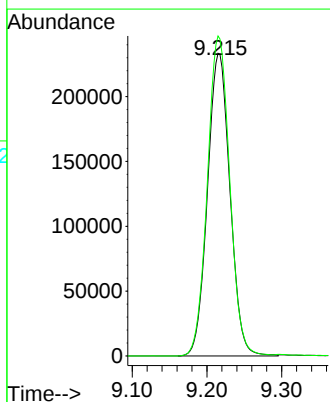
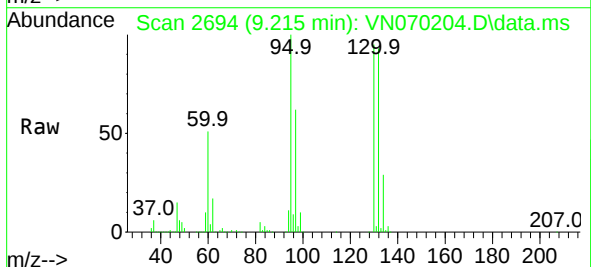
Manual Integrations
APPROVED

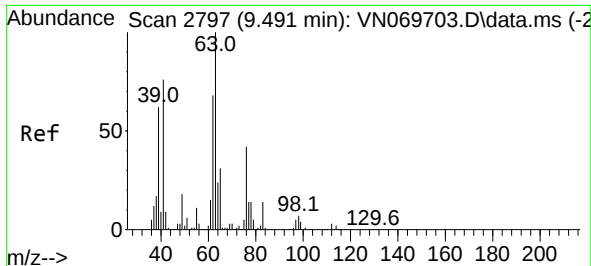
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/23/2021



#44
Trichloroethene
Concen: 42.371 ug/l
RT: 9.215 min Scan# 2694
Delta R.T. -0.002 min
Lab File: VN070204.D
Acq: 18 Dec 2021 9:13

Tgt Ion:130 Resp: 486832
Ion Ratio Lower Upper
130 100
95 105.7 0.0 191.2





#45

1,2-Dichloropropane

Concen: 46.165 ug/l

RT: 9.488 min Scan# 2796

Delta R.T. -0.003 min

Lab File: VN070204.D

Acq: 18 Dec 2021 9:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 596769

Ion Ratio Lower Upper

63 100

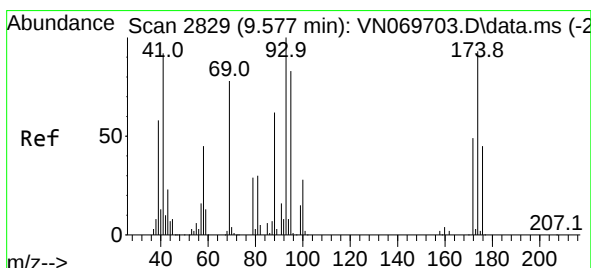
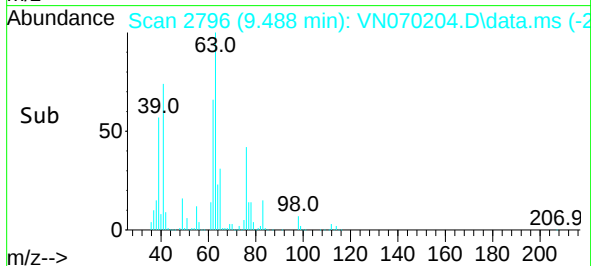
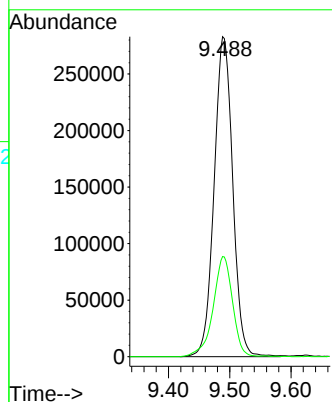
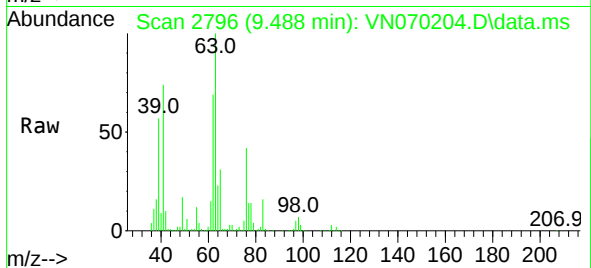
65 31.3 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2021

Supervised By :Mahesh Dadoda 12/23/2021



#46

Dibromomethane

Concen: 43.692 ug/l

RT: 9.577 min Scan# 2829

Delta R.T. 0.000 min

Lab File: VN070204.D

Acq: 18 Dec 2021 9:13

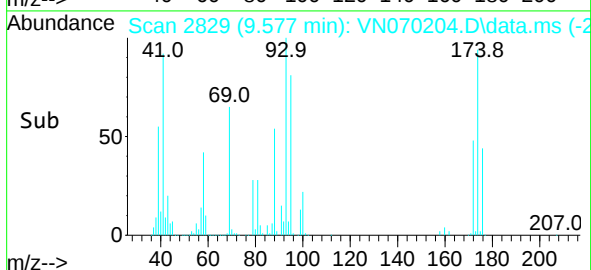
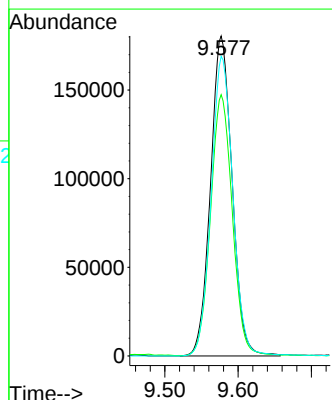
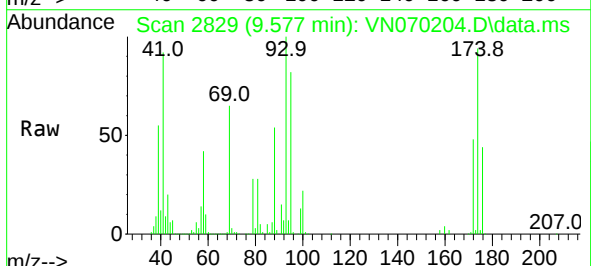
Tgt Ion: 93 Resp: 370422

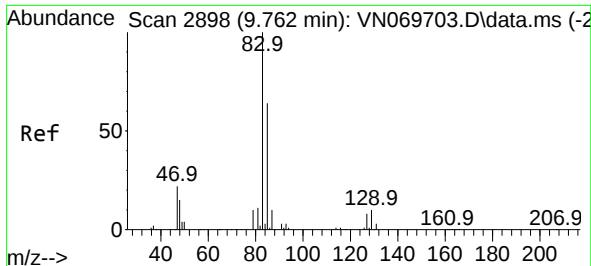
Ion Ratio Lower Upper

93 100

95 82.0 65.9 98.9

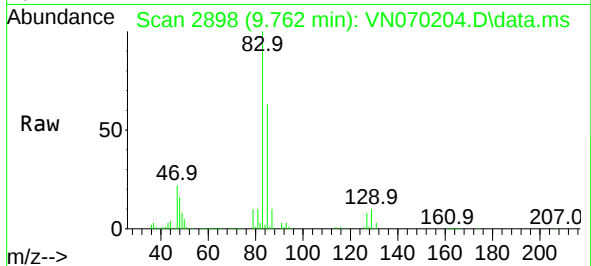
174 93.8 84.6 127.0





#47
Bromodichloromethane
Concen: 46.750 ug/l
RT: 9.762 min Scan# 2898
Delta R.T. 0.000 min
Lab File: VN070204.D
Acq: 18 Dec 2021 9:13

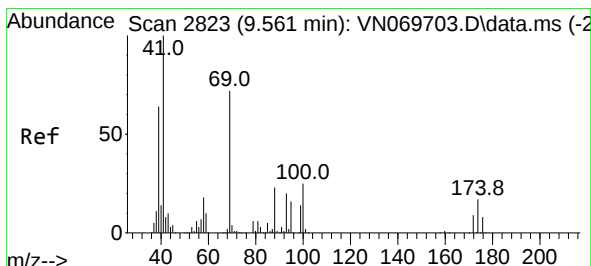
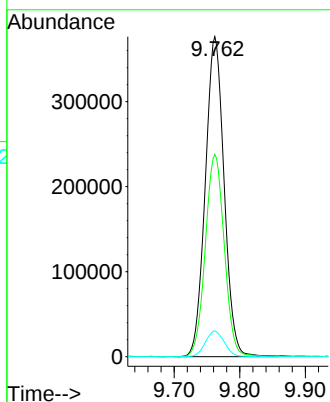
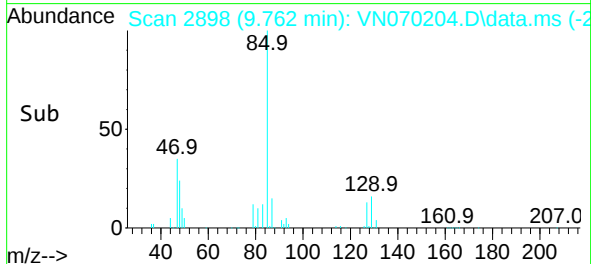
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 750415
Ion Ratio Lower Upper
83 100
85 63.2 50.9 76.3
127 8.1 7.1 10.7

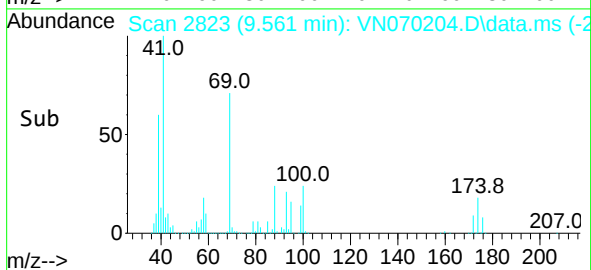
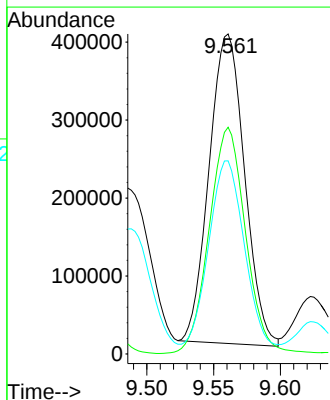
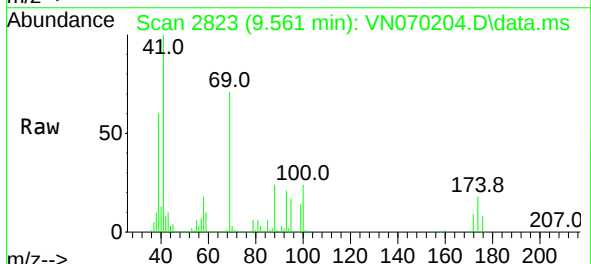
Manual Integrations
APPROVED

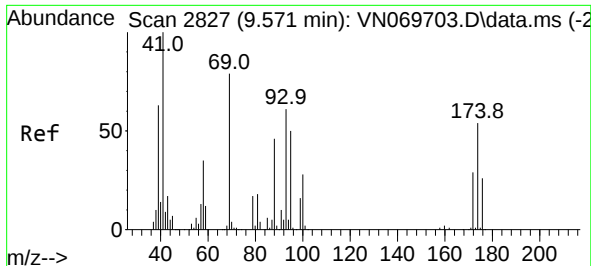
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/23/2021



#48
Methyl methacrylate
Concen: 45.358 ug/l
RT: 9.561 min Scan# 2823
Delta R.T. -0.000 min
Lab File: VN070204.D
Acq: 18 Dec 2021 9:13

Tgt Ion: 41 Resp: 734256
Ion Ratio Lower Upper
41 100
69 74.9 72.4 108.6
39 64.1 58.4 87.6





#49

1,4-Dioxane

Concen: 851.556 ug/l

RT: 9.569 min Scan# 21

Delta R.T. -0.002 min

Lab File: VN070204.D

Acq: 18 Dec 2021 9:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 247340

Ion Ratio Lower Upper

88 100

43 36.6 23.4 35.2

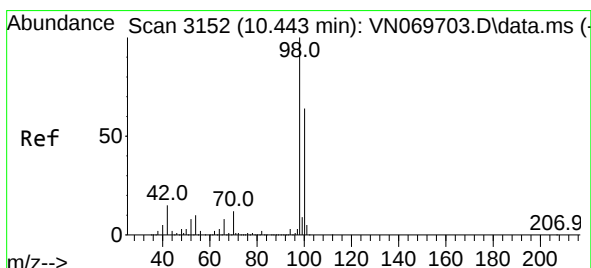
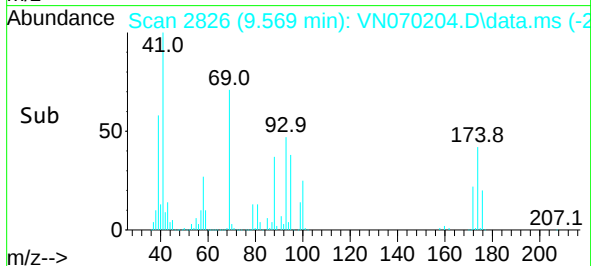
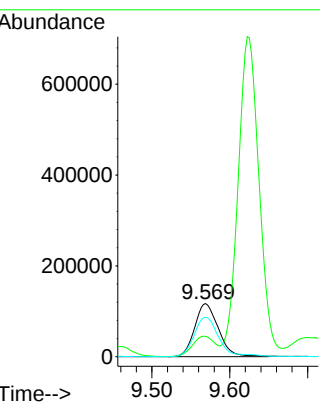
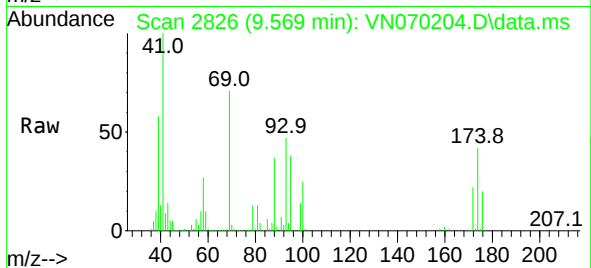
58 78.4 50.6 75.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2021

Supervised By :Mahesh Dadoda 12/23/2021



#50

Toluene-d8

Concen: 44.845 ug/l

RT: 10.440 min Scan# 3151

Delta R.T. -0.002 min

Lab File: VN070204.D

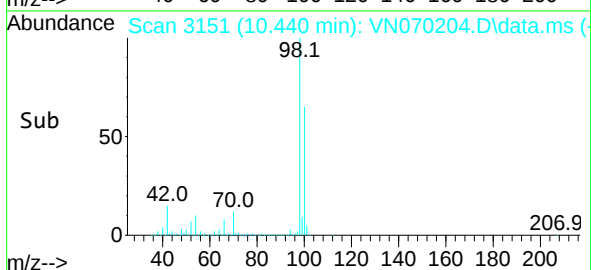
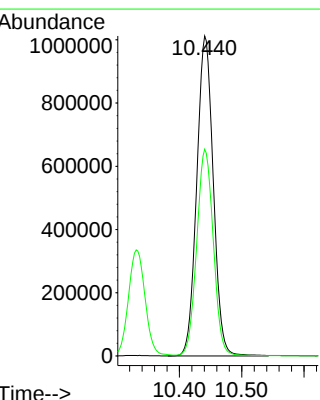
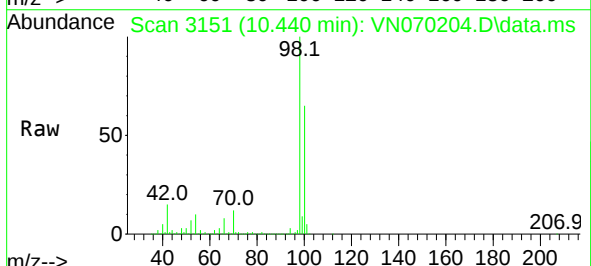
Acq: 18 Dec 2021 9:13

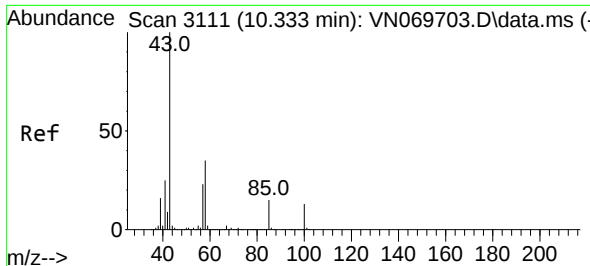
Tgt Ion: 98 Resp: 1865955

Ion Ratio Lower Upper

98 100

100 64.7 50.4 75.6





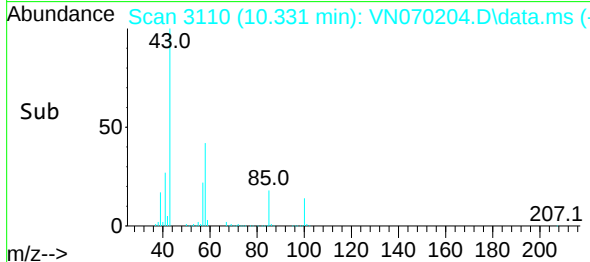
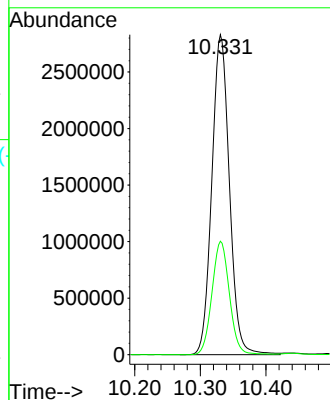
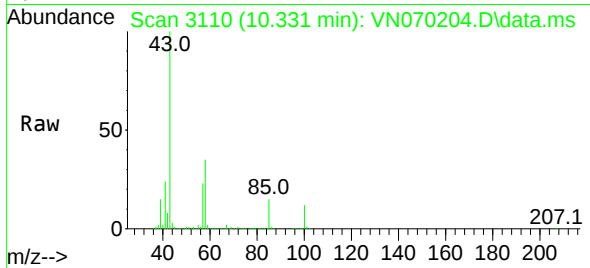
#51
4-Methyl-2-Pentanone
Concen: 233.878 ug/l
RT: 10.331 min Scan# 3111
Delta R.T. -0.002 min
Lab File: VN070204.D
Acq: 18 Dec 2021 9:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 5262974
Ion Ratio Lower Upper
43 100
58 35.2 30.4 45.6

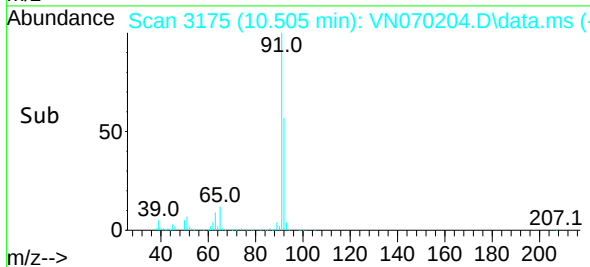
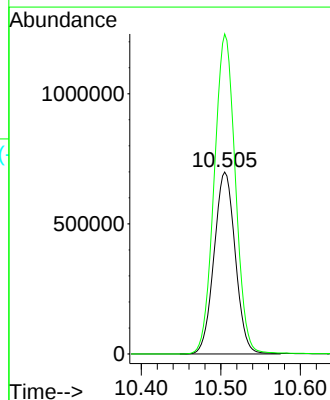
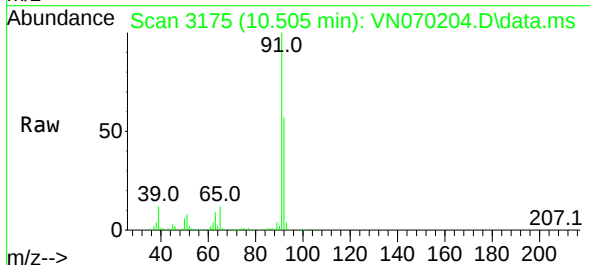
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/23/2021



#52
Toluene
Concen: 44.037 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.002 min
Lab File: VN070204.D
Acq: 18 Dec 2021 9:13

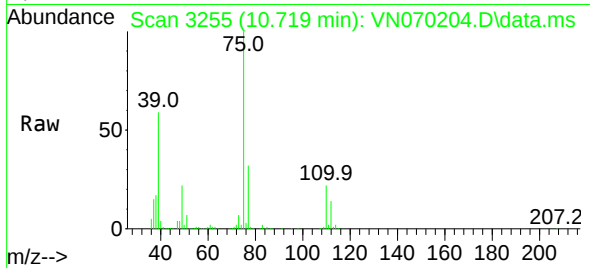
Tgt Ion: 92 Resp: 1294233
Ion Ratio Lower Upper
92 100
91 175.5 142.0 213.0





#53
t-1,3-Dichloropropene
Concen: 39.301 ug/l
RT: 10.719 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN070204.D
Acq: 18 Dec 2021 9:13

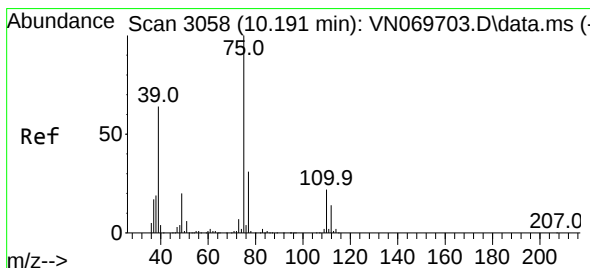
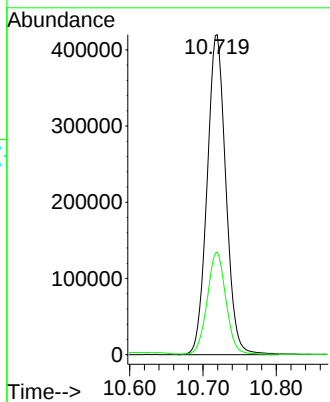
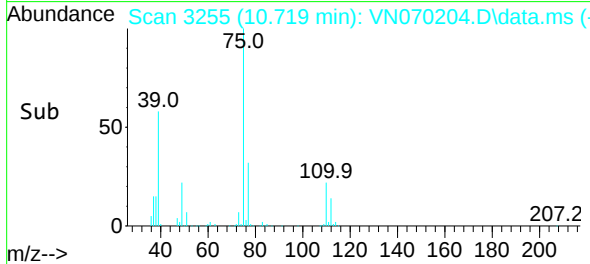
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



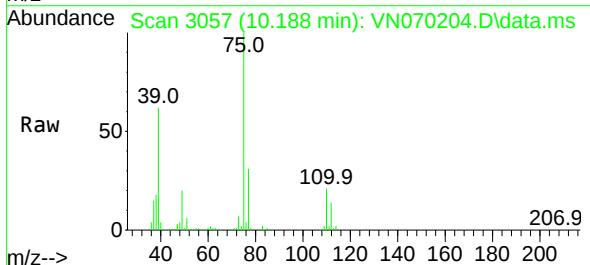
Tgt Ion: 75 Resp: 74664
Ion Ratio Lower Upper
75 100
77 31.9 25.6 38.4

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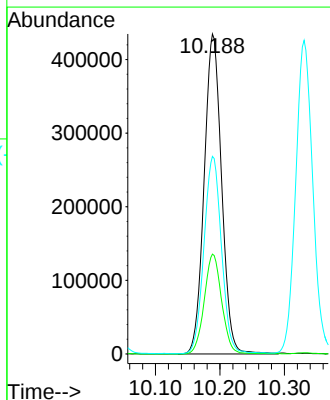
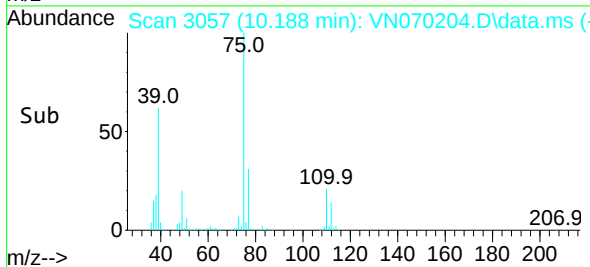
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/23/2021

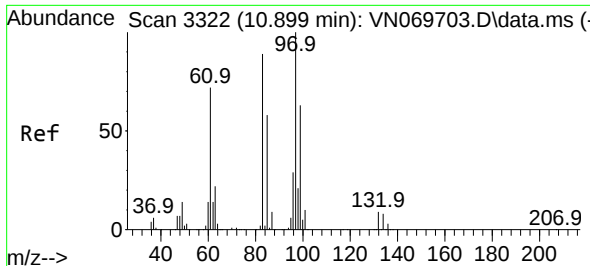


#54
cis-1,3-Dichloropropene
Concen: 40.750 ug/l
RT: 10.188 min Scan# 3057
Delta R.T. -0.003 min
Lab File: VN070204.D
Acq: 18 Dec 2021 9:13



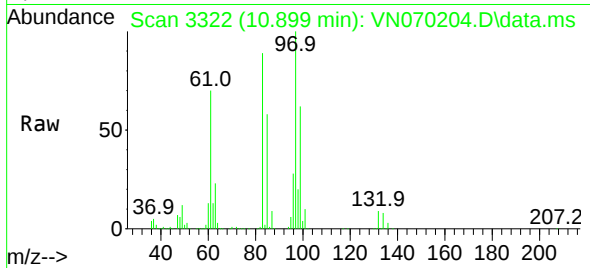
Tgt Ion: 75 Resp: 817983
Ion Ratio Lower Upper
75 100
77 31.2 26.4 39.6
39 61.6 42.5 63.7





#55
1,1,2-Trichloroethane
Concen: 45.664 ug/l
RT: 10.899 min Scan# 3322
Delta R.T. 0.000 min
Lab File: VN070204.D
Acq: 18 Dec 2021 9:13

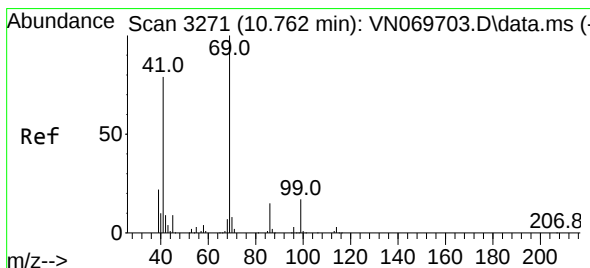
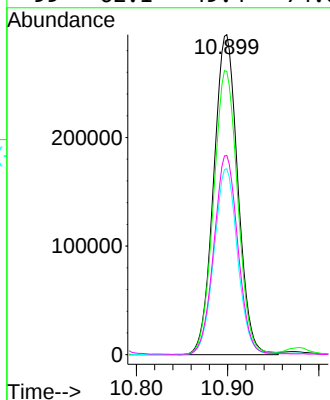
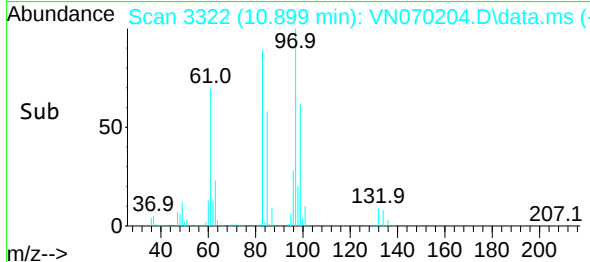
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



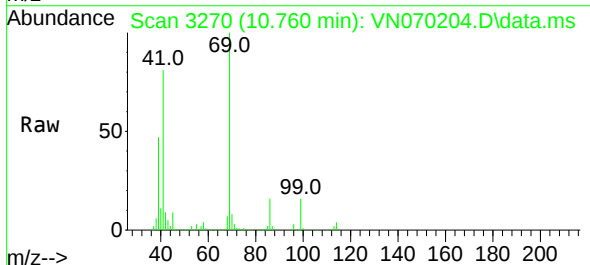
Tgt Ion: 97 Resp: 541490
Ion Ratio Lower Upper
97 100
83 88.5 67.8 101.6
85 58.1 45.4 68.2
99 62.1 49.4 74.0

Manual Integrations
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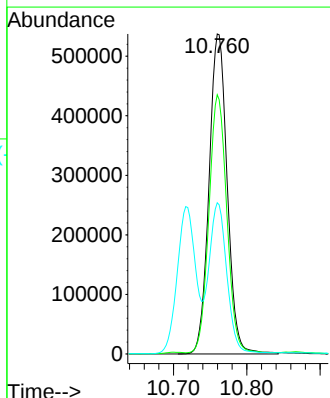
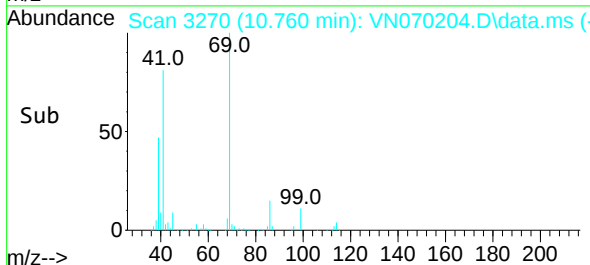
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/23/2021



#56
Ethyl methacrylate
Concen: 41.766 ug/l
RT: 10.760 min Scan# 3270
Delta R.T. -0.002 min
Lab File: VN070204.D
Acq: 18 Dec 2021 9:13



Tgt Ion: 69 Resp: 925697
Ion Ratio Lower Upper
69 100
41 79.2 51.4 77.0#
39 44.9 34.6 52.0





#57

1,3-Dichloropropane

Concen: 46.060 ug/l

RT: 11.044 min Scan# 31

Delta R.T. -0.002 min

Lab File: VN070204.D

Acq: 18 Dec 2021 9:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 961724

Ion Ratio Lower Upper

76 100

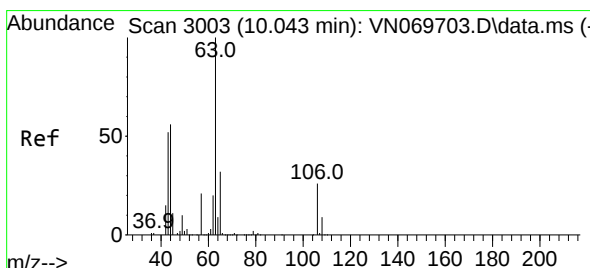
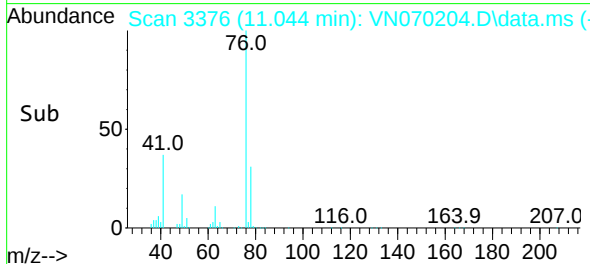
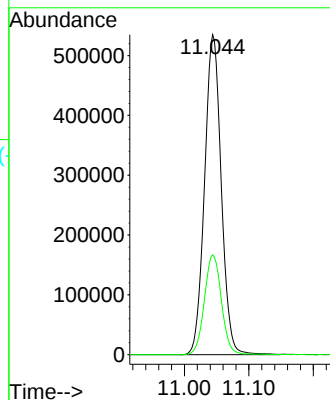
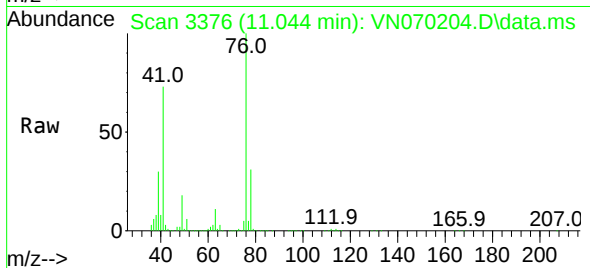
78 31.9 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2021

Supervised By :Mahesh Dadoda 12/23/2021



#58

2-Chloroethyl Vinyl ether

Concen: 228.874 ug/l

RT: 10.041 min Scan# 3002

Delta R.T. -0.002 min

Lab File: VN070204.D

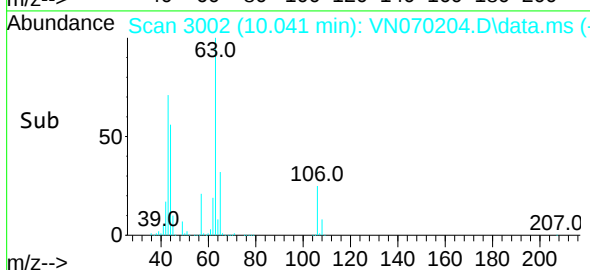
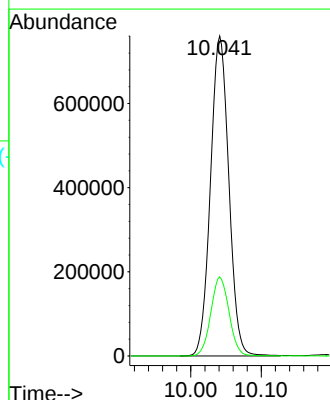
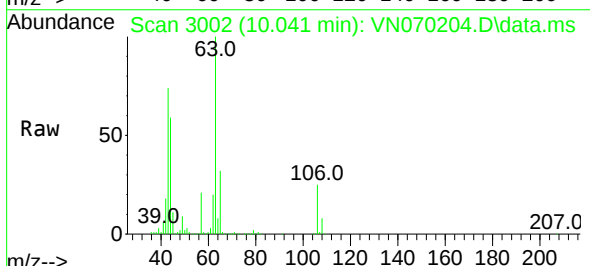
Acq: 18 Dec 2021 9:13

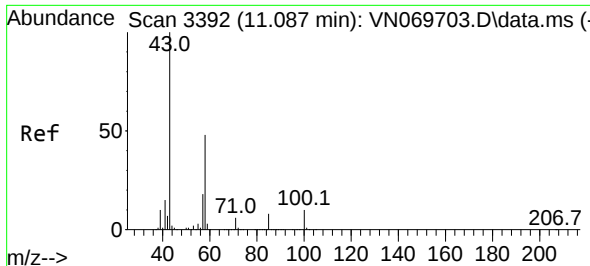
Tgt Ion: 63 Resp: 1372749

Ion Ratio Lower Upper

63 100

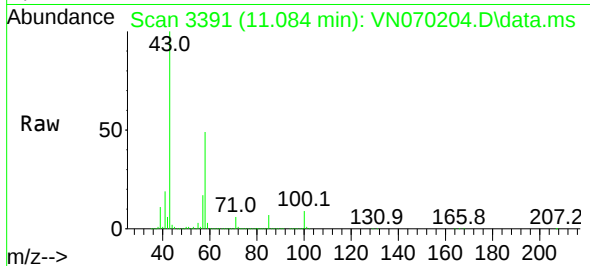
106 24.5 23.9 35.9





#59
2-Hexanone
Concen: 222.739 ug/l
RT: 11.084 min Scan# 31
Delta R.T. -0.003 min
Lab File: VN070204.D
Acq: 18 Dec 2021 9:13

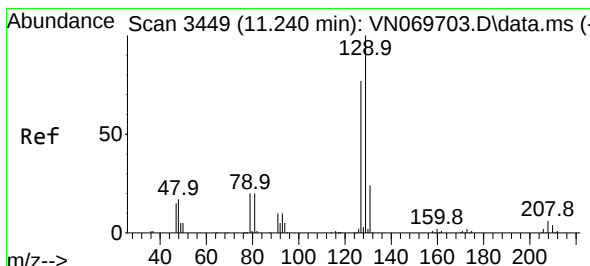
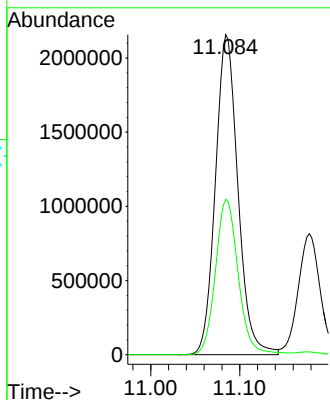
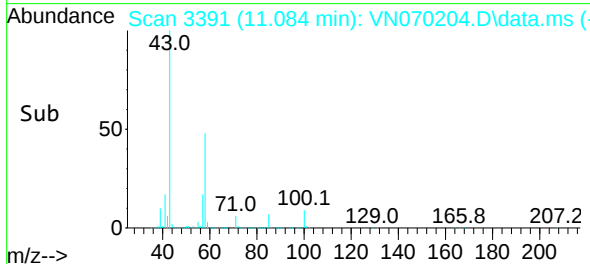
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 3791648
Ion Ratio Lower Upper
43 100
58 49.1 26.9 80.7

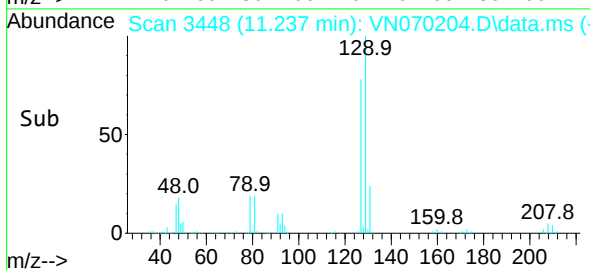
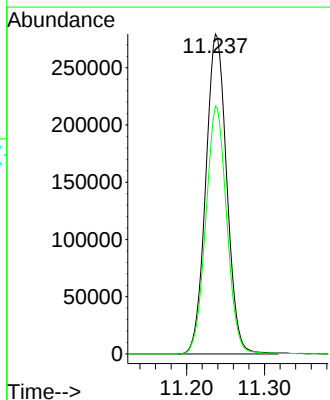
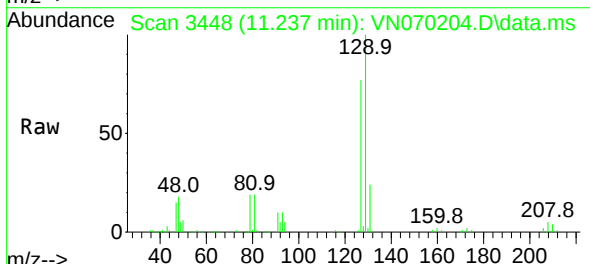
Manual Integrations
APPROVED

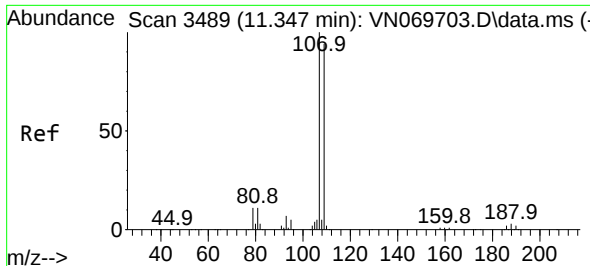
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/23/2021



#60
Dibromochloromethane
Concen: 41.561 ug/l
RT: 11.237 min Scan# 3448
Delta R.T. -0.003 min
Lab File: VN070204.D
Acq: 18 Dec 2021 9:13

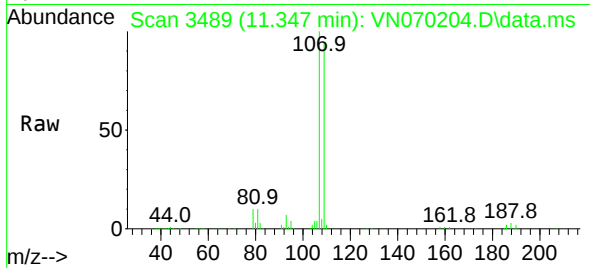
Tgt Ion:129 Resp: 522702
Ion Ratio Lower Upper
129 100
127 77.3 38.6 116.0





#61
1,2-Dibromoethane
Concen: 44.210 ug/l
RT: 11.347 min Scan# 3489
Delta R.T. -0.000 min
Lab File: VN070204.D
Acq: 18 Dec 2021 9:13

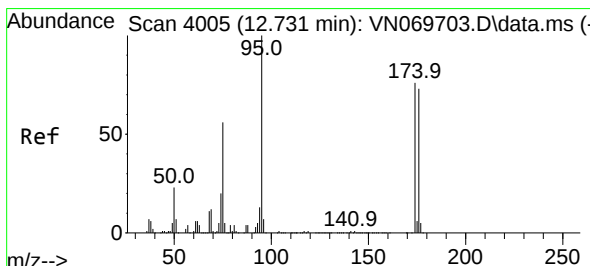
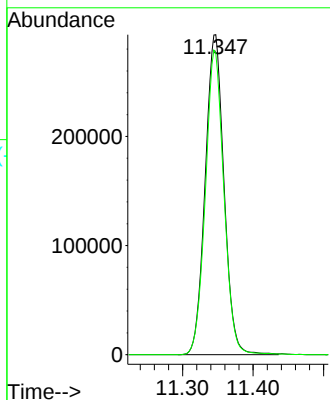
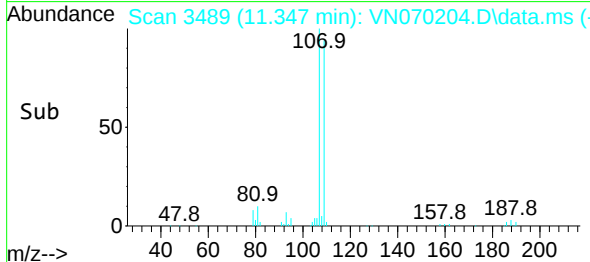
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



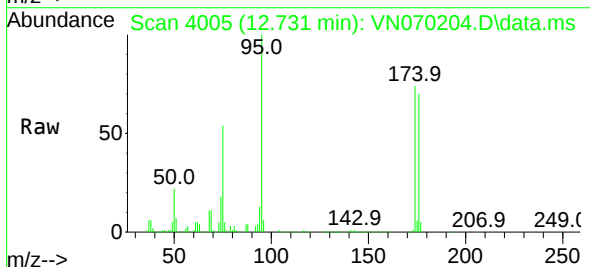
Tgt Ion:107 Resp: 542994
Ion Ratio Lower Upper
107 100
109 93.6 75.7 113.5

Manual Integrations
APPROVED

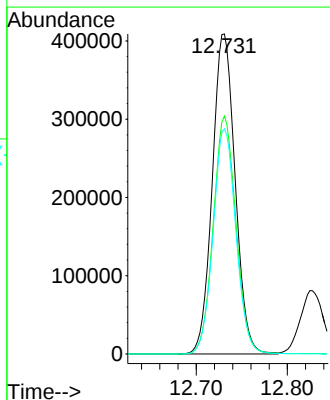
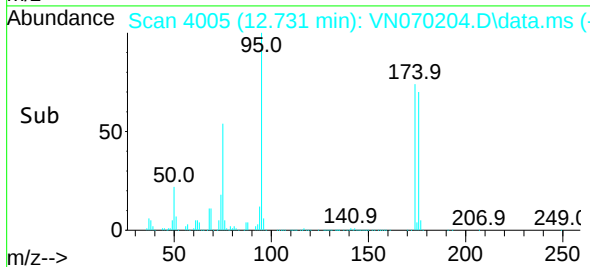
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/23/2021

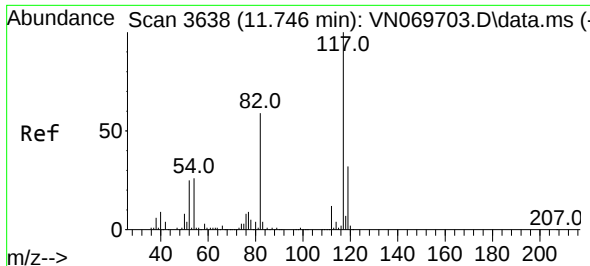


#62
4-Bromofluorobenzene
Concen: 47.167 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070204.D
Acq: 18 Dec 2021 9:13



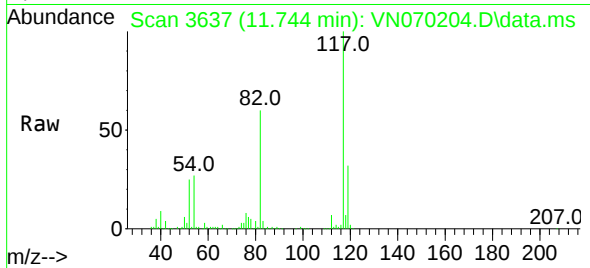
Tgt Ion: 95 Resp: 711006
Ion Ratio Lower Upper
95 100
174 74.2 0.0 187.2
176 70.5 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3638
Delta R.T. -0.002 min
Lab File: VN070204.D
Acq: 18 Dec 2021 9:13

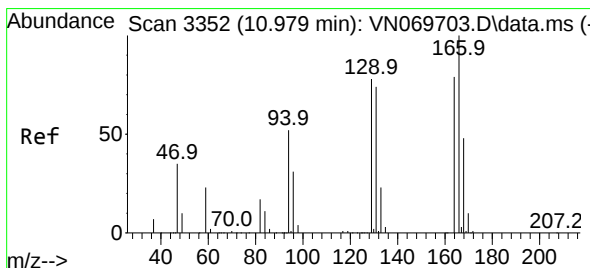
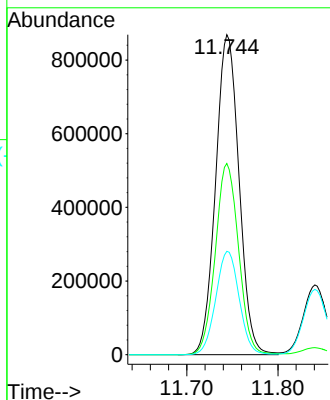
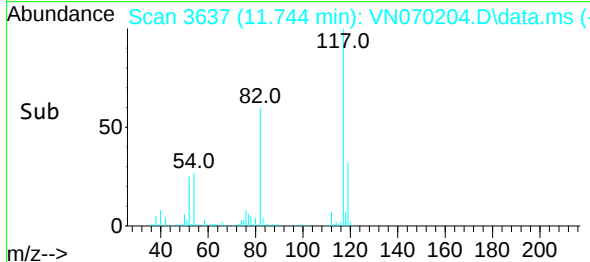
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 155189
Ion Ratio Lower Upper
117 100
82 59.8 42.4 63.6
119 32.3 25.4 38.2

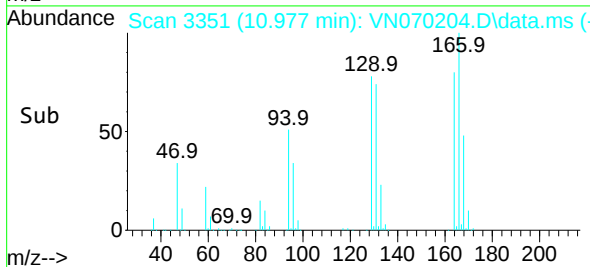
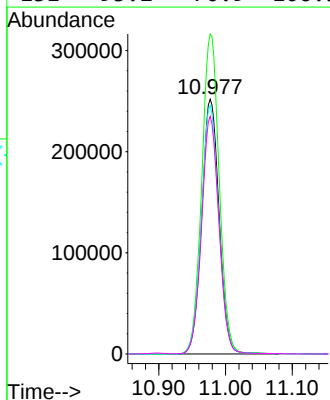
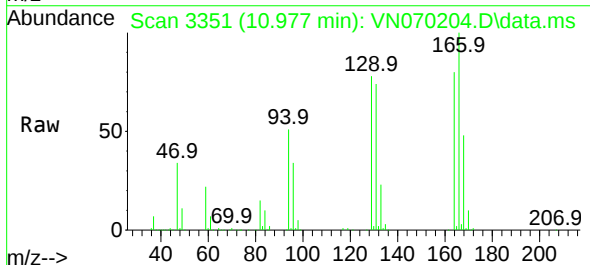
Manual Integrations
APPROVED

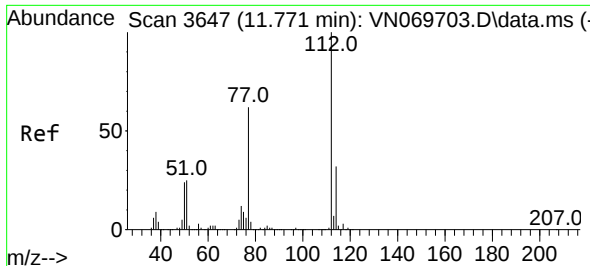
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/23/2021



#64
Tetrachloroethene
Concen: 43.320 ug/l
RT: 10.977 min Scan# 3351
Delta R.T. -0.002 min
Lab File: VN070204.D
Acq: 18 Dec 2021 9:13

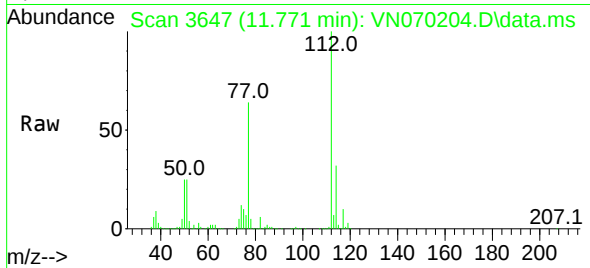
Tgt Ion:164 Resp: 455852
Ion Ratio Lower Upper
164 100
166 125.6 101.9 152.9
129 97.5 72.0 108.0
131 93.2 70.9 106.3





#65
Chlorobenzene
Concen: 43.557 ug/l
RT: 11.771 min Scan# 3647
Delta R.T. -0.000 min
Lab File: VN070204.D
Acq: 18 Dec 2021 9:13

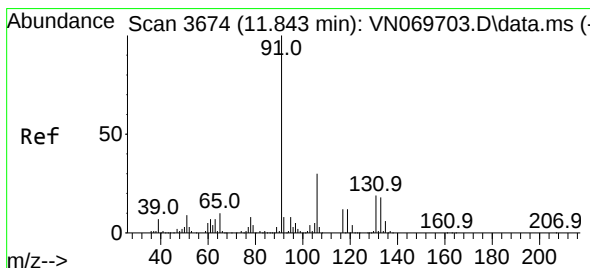
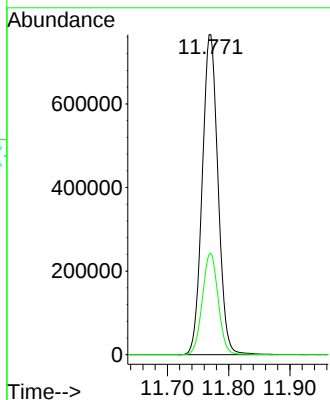
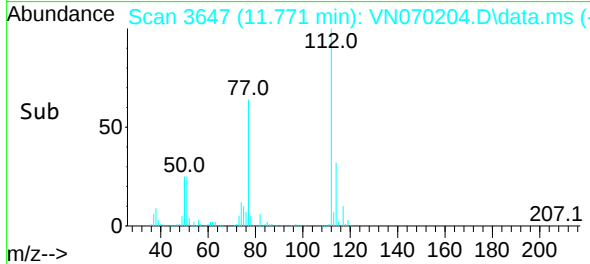
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



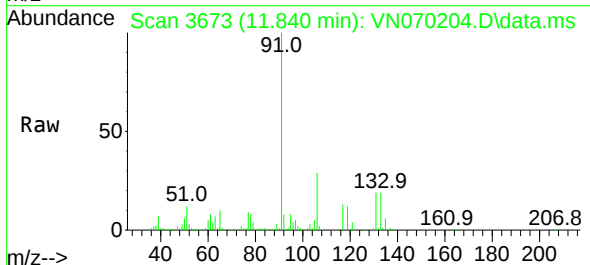
Tgt Ion:112 Resp: 137132
Ion Ratio Lower Upper
112 100
114 31.7 25.4 38.0

Manual Integrations
APPROVED

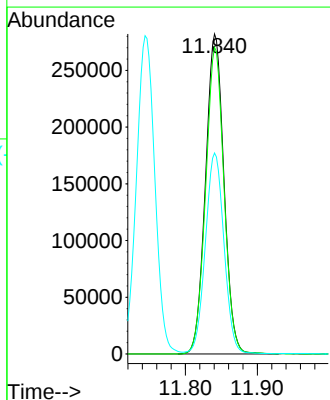
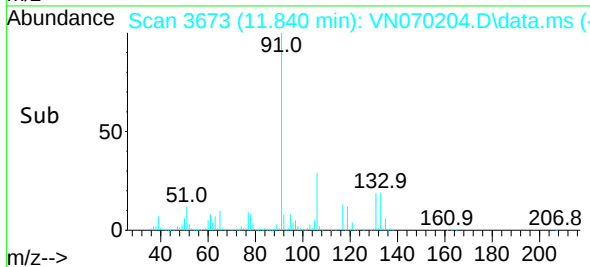
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/23/2021



#66
1,1,1,2-Tetrachloroethane
Concen: 45.340 ug/l
RT: 11.840 min Scan# 3673
Delta R.T. -0.003 min
Lab File: VN070204.D
Acq: 18 Dec 2021 9:13



Tgt Ion:131 Resp: 502416
Ion Ratio Lower Upper
131 100
133 95.4 47.9 143.7
119 63.4 32.1 96.5





#67

Ethyl Benzene

Concen: 45.326 ug/l

RT: 11.843 min Scan# 30

Delta R.T. -0.002 min

Lab File: VN070204.D

Acq: 18 Dec 2021 9:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 259214

Ion Ratio Lower Upper

91 100

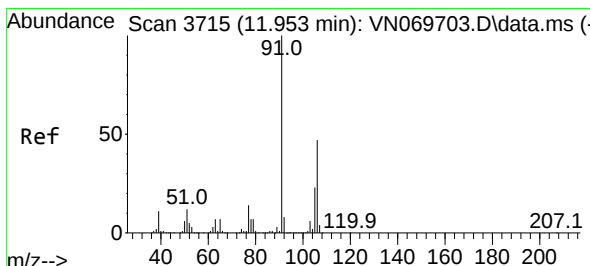
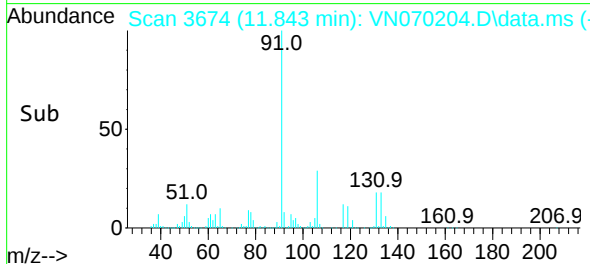
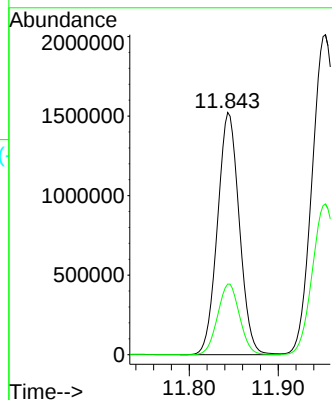
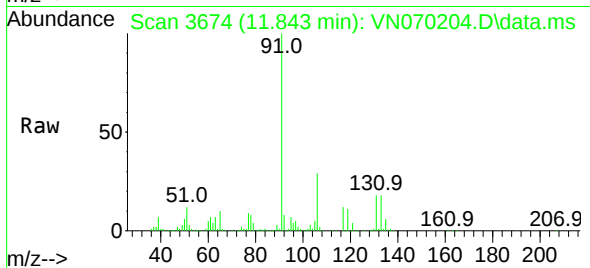
106 29.1 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2021

Supervised By :Mahesh Dadoda 12/23/2021



#68

m/p-Xylenes

Concen: 90.265 ug/l

RT: 11.953 min Scan# 3715

Delta R.T. 0.000 min

Lab File: VN070204.D

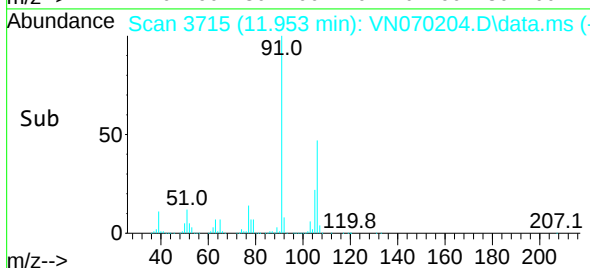
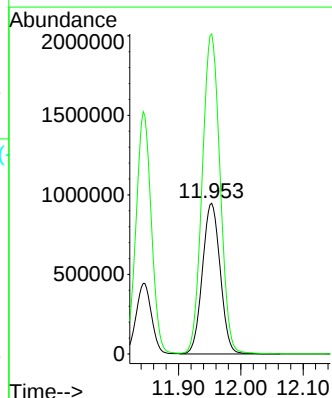
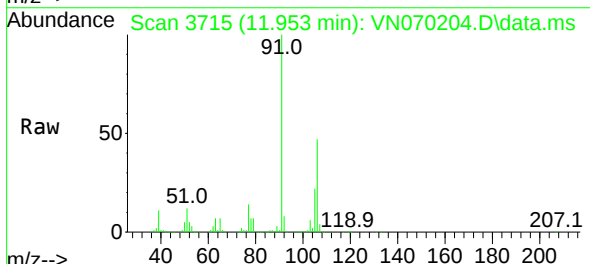
Acq: 18 Dec 2021 9:13

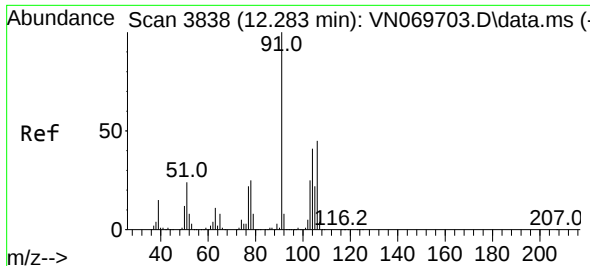
Tgt Ion:106 Resp: 1879582

Ion Ratio Lower Upper

106 100

91 213.0 160.6 240.8





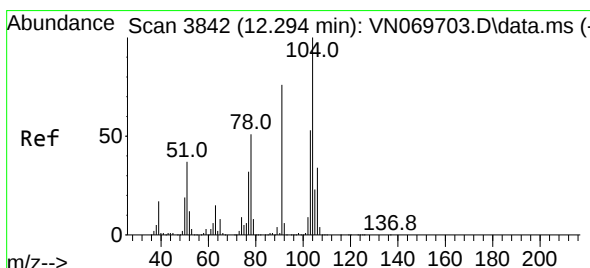
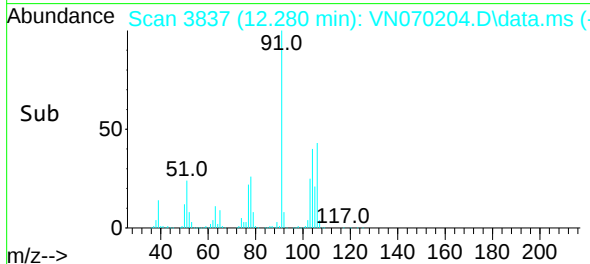
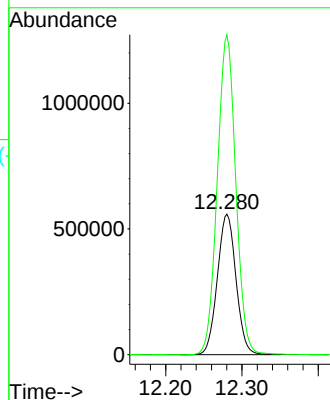
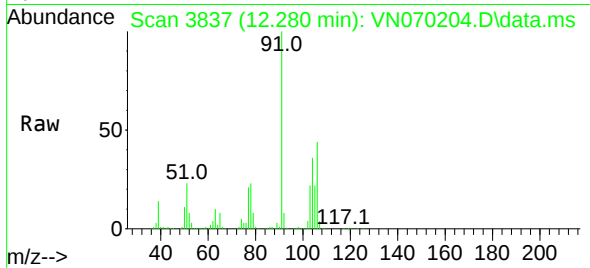
#69
o-Xylene
Concen: 45.308 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. -0.002 min
Lab File: VN070204.D
Acq: 18 Dec 2021 9:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 950307
Ion Ratio Lower Upper
106 100
91 225.9 105.8 317.3

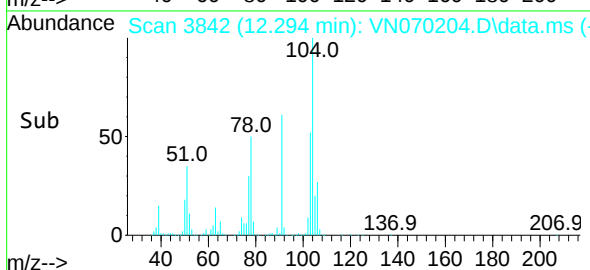
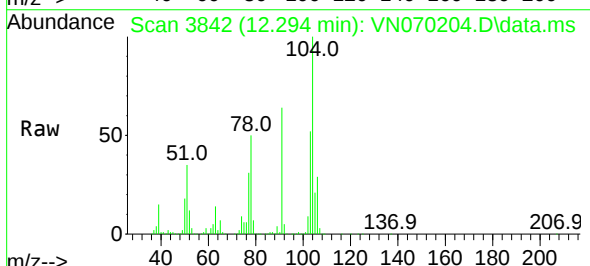
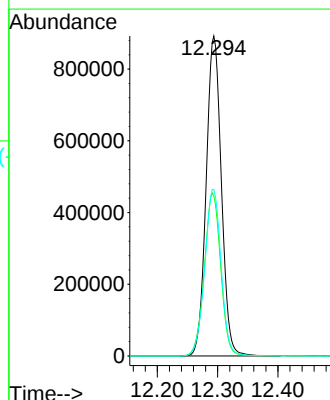
Manual Integrations
APPROVED

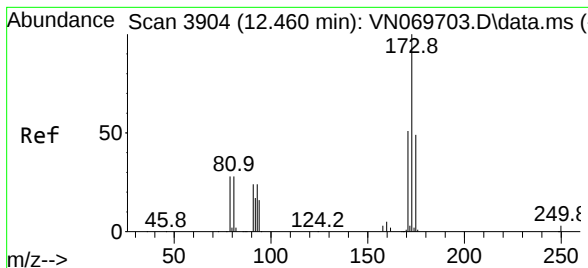
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/23/2021



#70
Styrene
Concen: 46.987 ug/l
RT: 12.294 min Scan# 3842
Delta R.T. -0.000 min
Lab File: VN070204.D
Acq: 18 Dec 2021 9:13

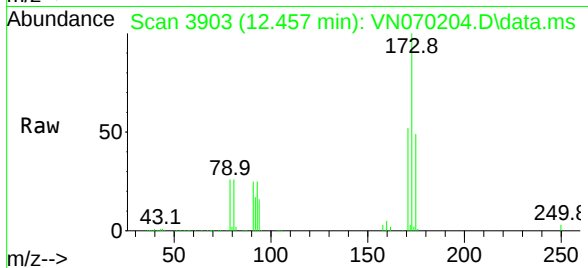
Tgt Ion:104 Resp: 1562729
Ion Ratio Lower Upper
104 100
78 54.8 38.7 58.1
103 56.0 45.0 67.6





#71
Bromoform
Concen: 40.744 ug/l
RT: 12.457 min Scan# 3904
Delta R.T. -0.003 min
Lab File: VN070204.D
Acq: 18 Dec 2021 9:13

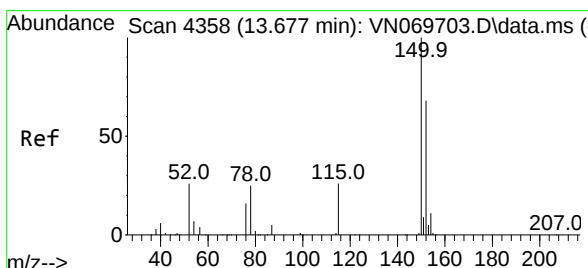
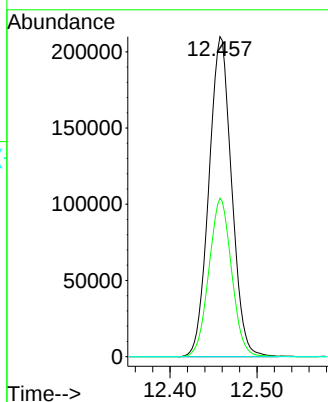
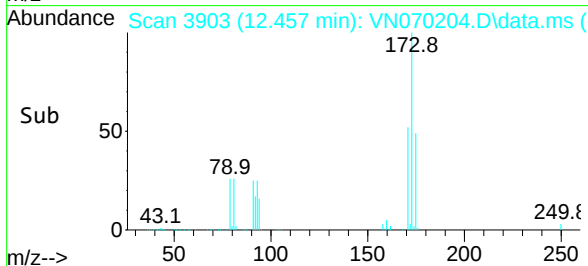
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



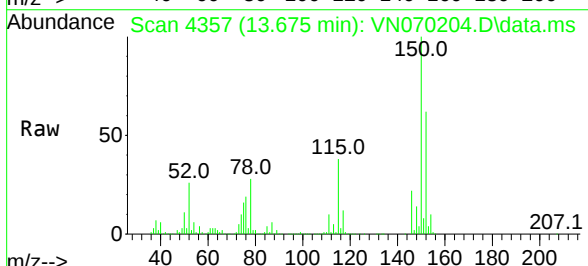
Tgt Ion:173 Resp: 381090
Ion Ratio Lower Upper
173 100
175 49.4 24.2 72.6
254 0.0 0.0 0.0

Manual Integrations
APPROVED

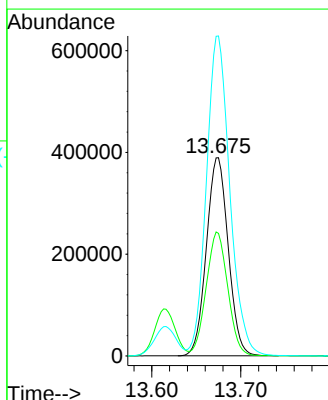
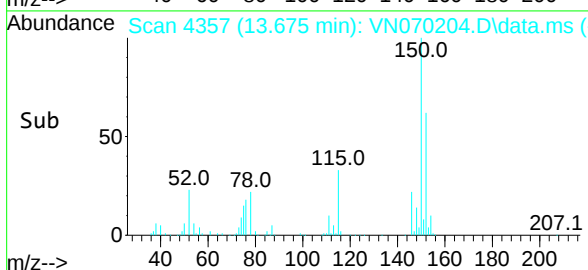
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/23/2021

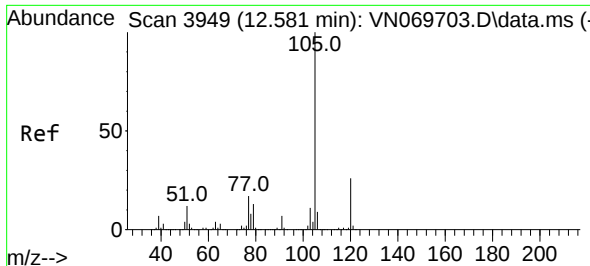


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.002 min
Lab File: VN070204.D
Acq: 18 Dec 2021 9:13



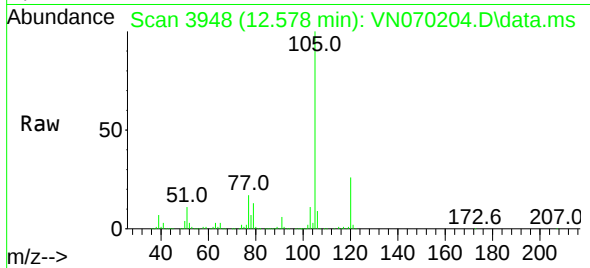
Tgt Ion:152 Resp: 662540
Ion Ratio Lower Upper
152 100
115 61.6 27.5 82.5
150 173.7 0.0 344.4





#73
Isopropylbenzene
Concen: 42.590 ug/l
RT: 12.578 min Scan# 3949
Delta R.T. -0.003 min
Lab File: VN070204.D
Acq: 18 Dec 2021 9:13

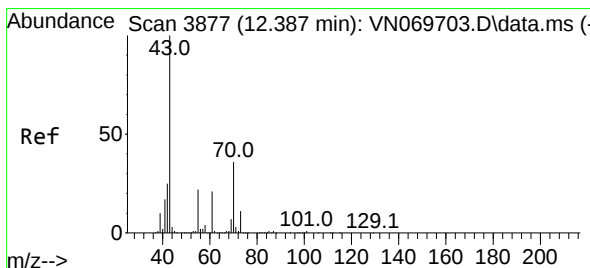
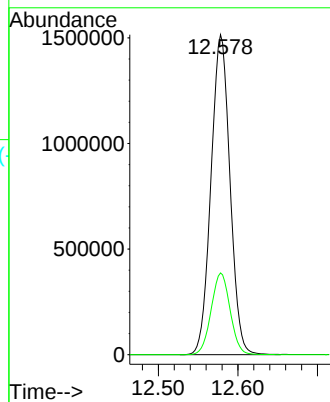
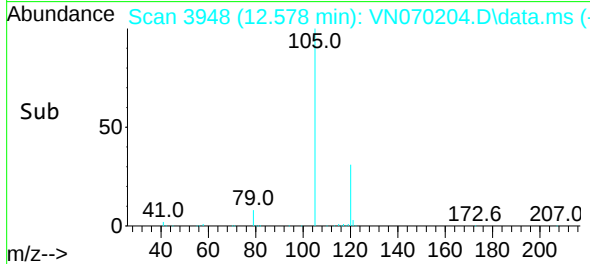
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:105 Resp: 251056
Ion Ratio Lower Upper
105 100
120 25.5 13.4 40.1

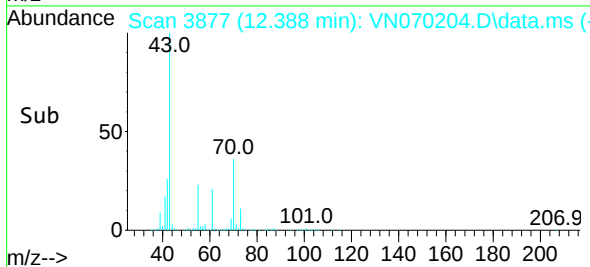
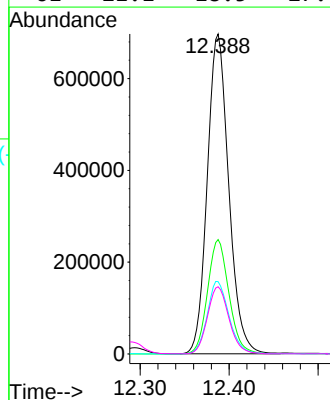
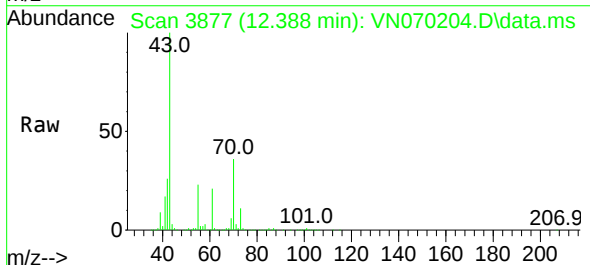
Manual Integrations
APPROVED

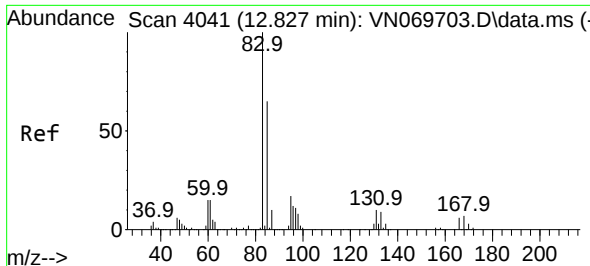
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/23/2021



#74
N-amy1 acetate
Concen: 44.685 ug/l
RT: 12.388 min Scan# 3877
Delta R.T. 0.000 min
Lab File: VN070204.D
Acq: 18 Dec 2021 9:13

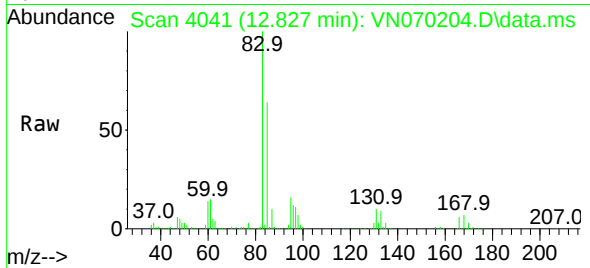
Tgt Ion: 43 Resp: 1164898
Ion Ratio Lower Upper
43 100
70 35.8 33.4 50.0
55 23.2 19.3 28.9
61 21.1 18.5 27.7





#75
1,1,2,2-Tetrachloroethane
Concen: 43.095 ug/l
RT: 12.827 min Scan# 4041
Delta R.T. 0.000 min
Lab File: VN070204.D
Acq: 18 Dec 2021 9:13

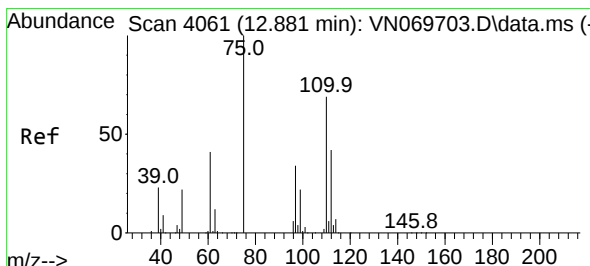
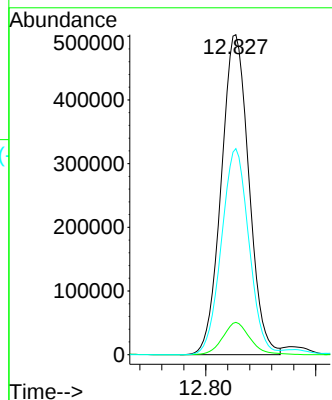
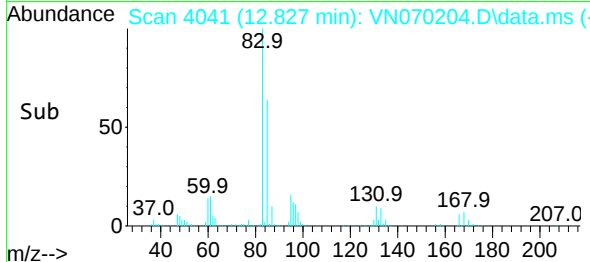
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 878456
Ion Ratio Lower Upper
83 100
131 10.0 5.5 16.5
85 64.0 32.4 97.2

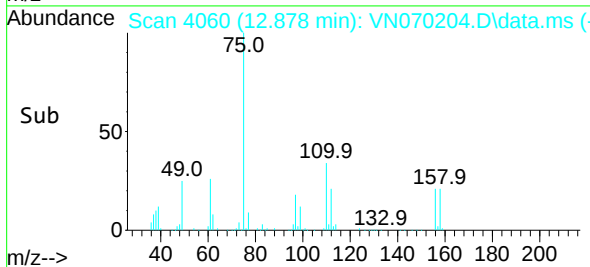
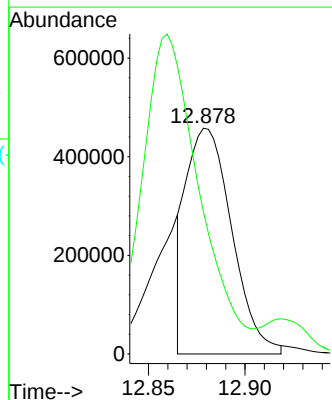
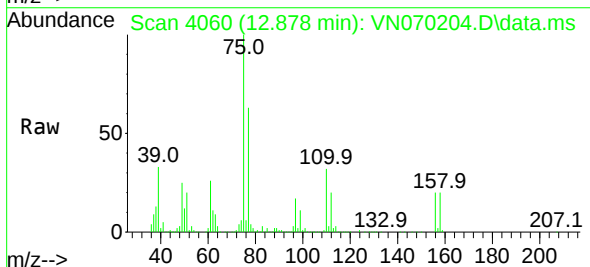
Manual Integrations
APPROVED

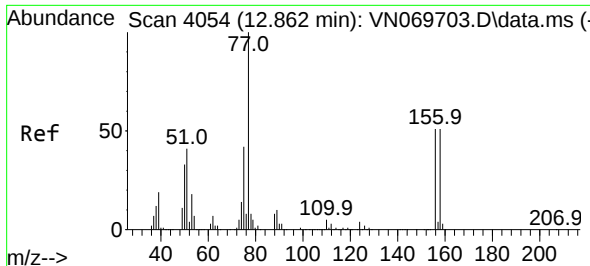
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/23/2021



#76
1,2,3-Trichloropropane
Concen: 39.818 ug/l m
RT: 12.878 min Scan# 4060
Delta R.T. -0.002 min
Lab File: VN070204.D
Acq: 18 Dec 2021 9:13

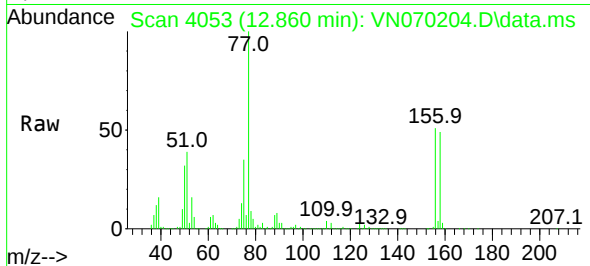
Tgt Ion: 75 Resp: 756542
Ion Ratio Lower Upper
75 100
77 177.6 82.6 247.8





#77
Bromobenzene
Concen: 41.695 ug/l
RT: 12.860 min Scan# 4054
Delta R.T. -0.002 min
Lab File: VN070204.D
Acq: 18 Dec 2021 9:13

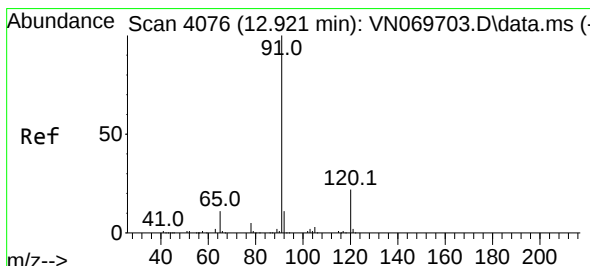
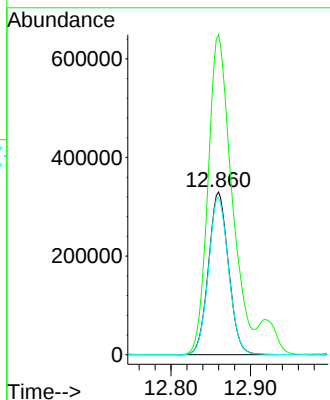
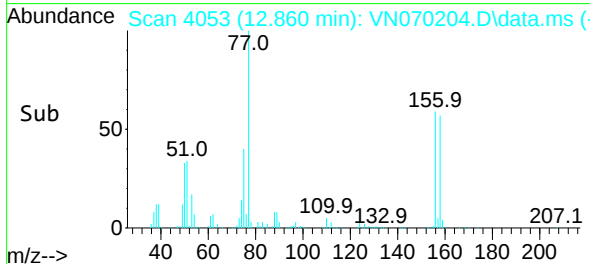
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:156 Resp: 577314
Ion Ratio Lower Upper
156 100
77 232.7 90.6 271.8
158 97.5 48.9 146.7

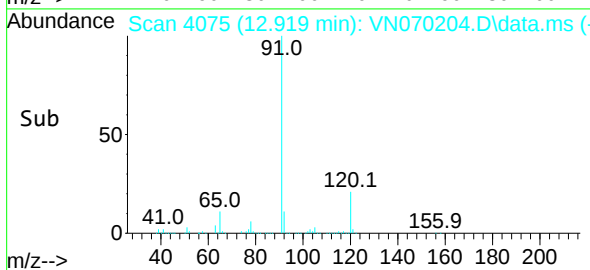
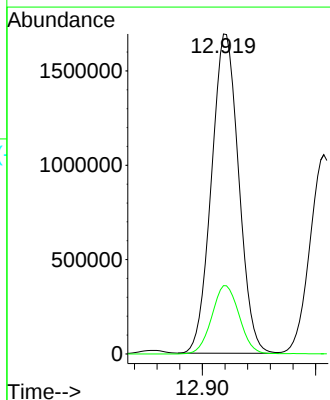
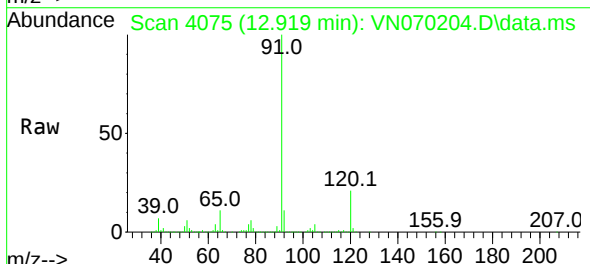
Manual Integrations
APPROVED

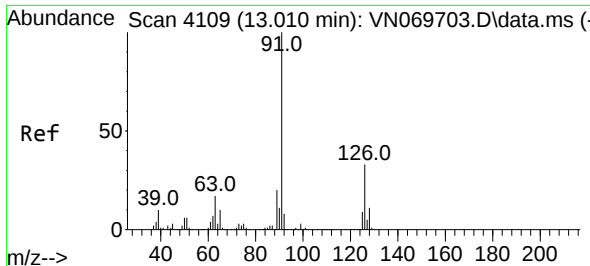
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/23/2021



#78
n-propylbenzene
Concen: 43.044 ug/l
RT: 12.919 min Scan# 4075
Delta R.T. -0.002 min
Lab File: VN070204.D
Acq: 18 Dec 2021 9:13

Tgt Ion: 91 Resp: 2823484
Ion Ratio Lower Upper
91 100
120 21.6 11.9 35.9





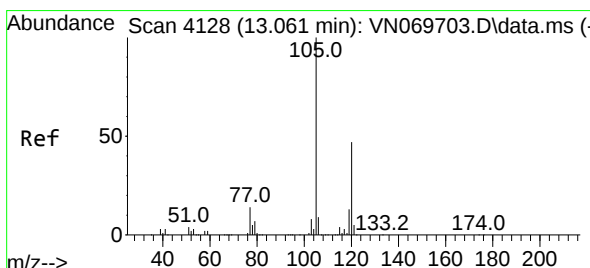
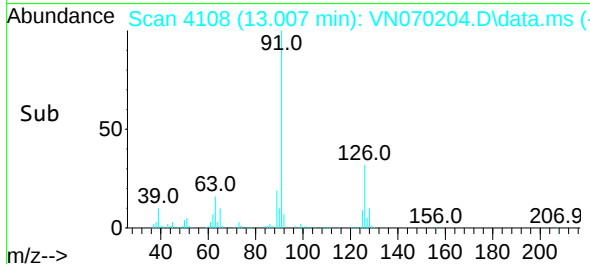
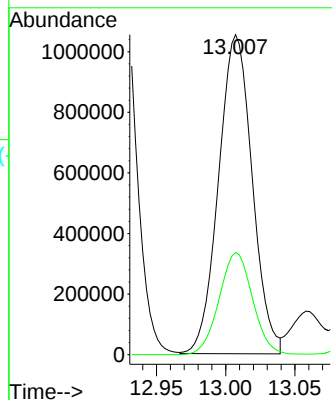
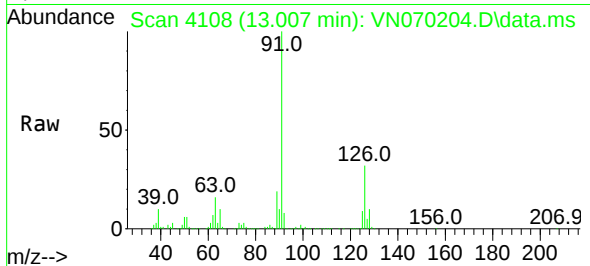
#79
2-Chlorotoluene
Concen: 43.002 ug/l
RT: 13.007 min Scan# 4109
Delta R.T. -0.002 min
Lab File: VN070204.D
Acq: 18 Dec 2021 9:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 178235
Ion Ratio Lower Upper
91 100
126 31.9 18.3 54.8

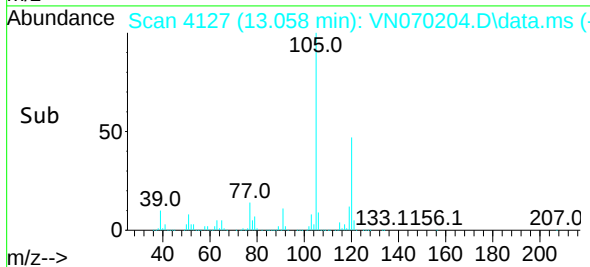
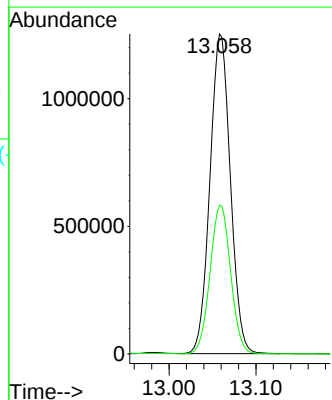
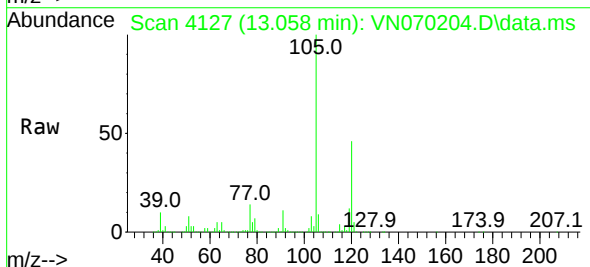
Manual Integrations
APPROVED

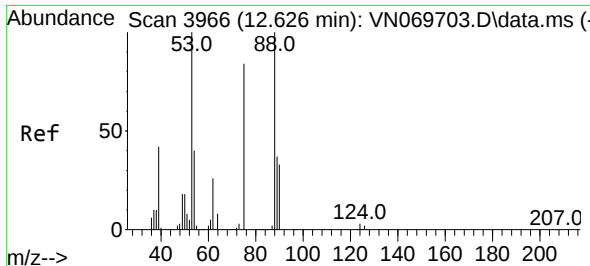
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/23/2021



#80
1,3,5-Trimethylbenzene
Concen: 43.061 ug/l
RT: 13.058 min Scan# 4127
Delta R.T. -0.002 min
Lab File: VN070204.D
Acq: 18 Dec 2021 9:13

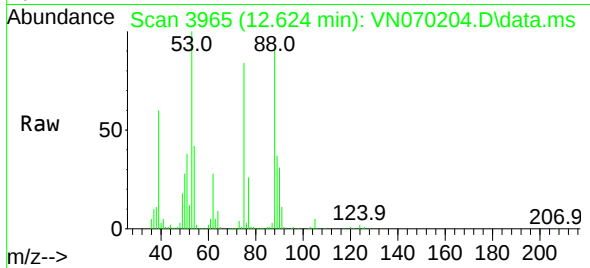
Tgt Ion:105 Resp: 2043080
Ion Ratio Lower Upper
105 100
120 46.9 24.6 73.6





#81
trans-1,4-Dichloro-2-butene
Concen: 36.117 ug/l
RT: 12.624 min Scan# 3966
Delta R.T. -0.002 min
Lab File: VN070204.D
Acq: 18 Dec 2021 9:13

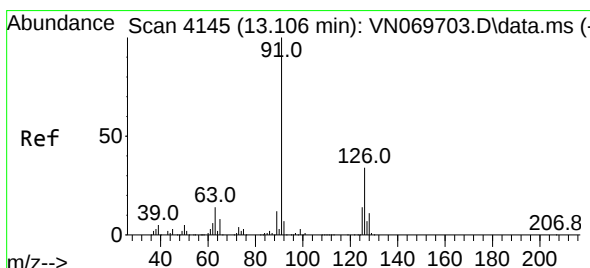
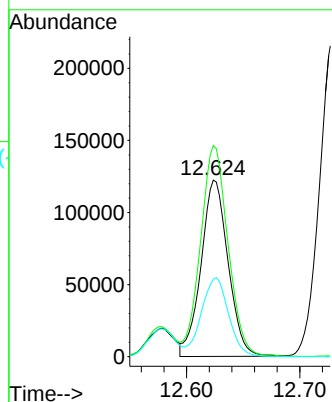
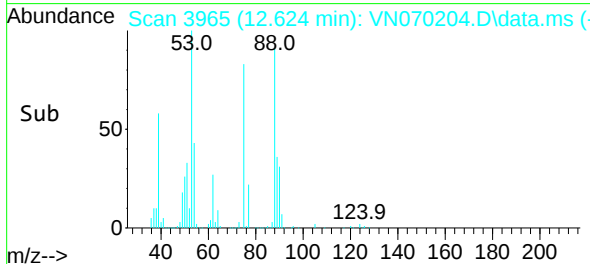
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 202549
Ion Ratio Lower Upper
75 100
53 122.4 90.5 135.7
89 45.4 38.2 57.4

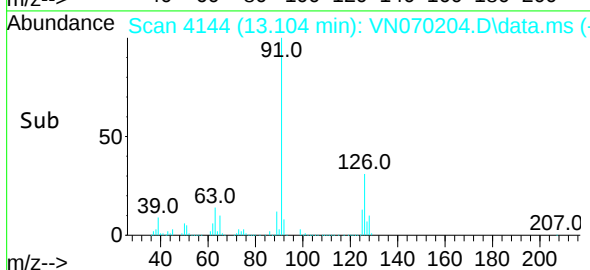
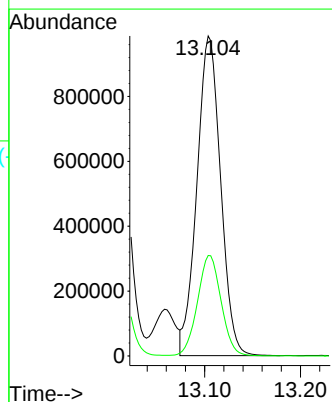
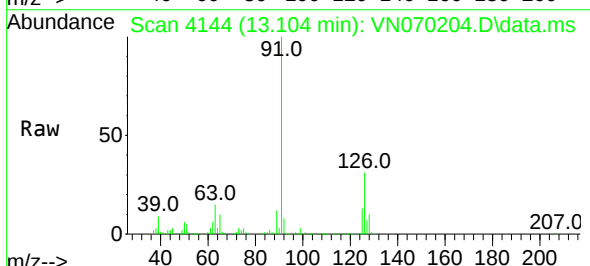
Manual Integrations
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Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/23/2021



#82
4-Chlorotoluene
Concen: 43.404 ug/l
RT: 13.104 min Scan# 4144
Delta R.T. -0.002 min
Lab File: VN070204.D
Acq: 18 Dec 2021 9:13

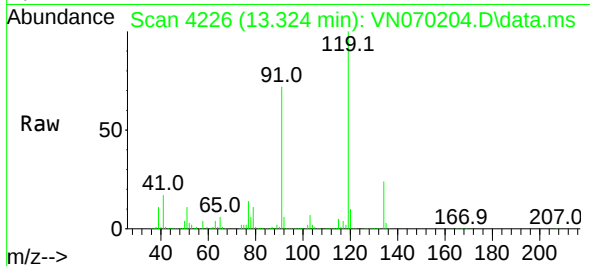
Tgt Ion: 91 Resp: 1691865
Ion Ratio Lower Upper
91 100
126 31.4 18.2 54.6





#83
 tert-Butylbenzene
 Concen: 42.679 ug/l
 RT: 13.324 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VN070204.D
 Acq: 18 Dec 2021 9:13

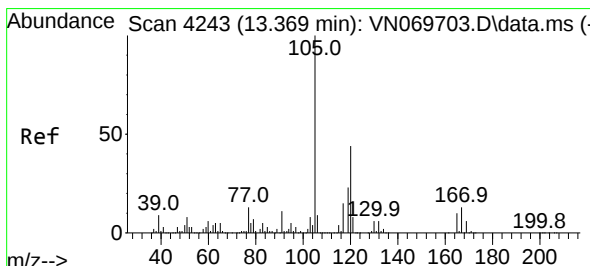
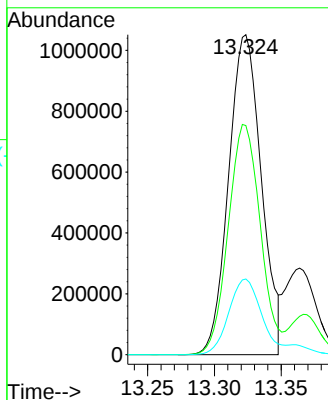
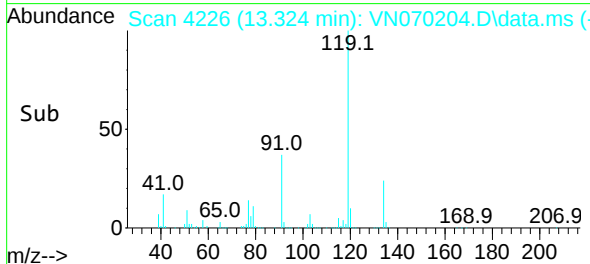
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



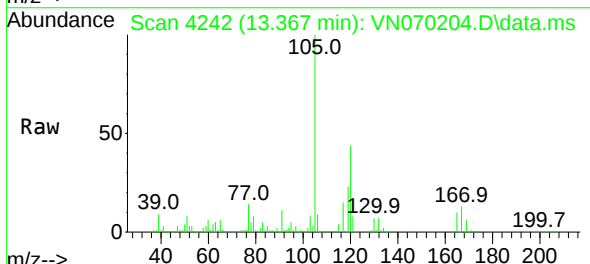
Tgt Ion:119 Resp: 179302
 Ion Ratio Lower Upper
 119 100
 91 70.7 31.5 94.5
 134 23.8 12.4 37.4

Manual Integrations
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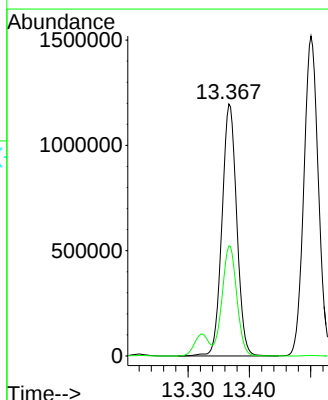
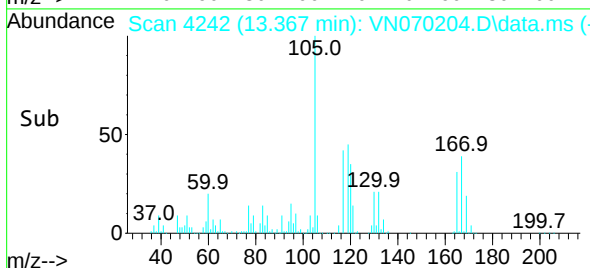
Reviewed By :John Carlone 12/20/2021
 Supervised By :Mahesh Dadoda 12/23/2021

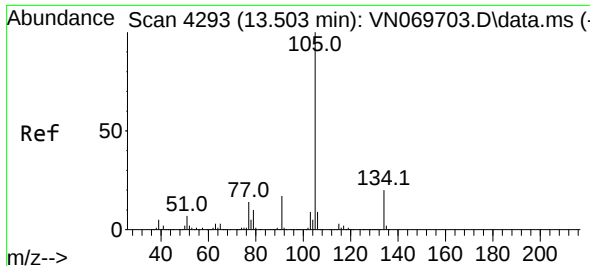


#84
 1,2,4-Trimethylbenzene
 Concen: 44.292 ug/l
 RT: 13.367 min Scan# 4242
 Delta R.T. -0.002 min
 Lab File: VN070204.D
 Acq: 18 Dec 2021 9:13



Tgt Ion:105 Resp: 2001370
 Ion Ratio Lower Upper
 105 100
 120 43.4 22.8 68.4





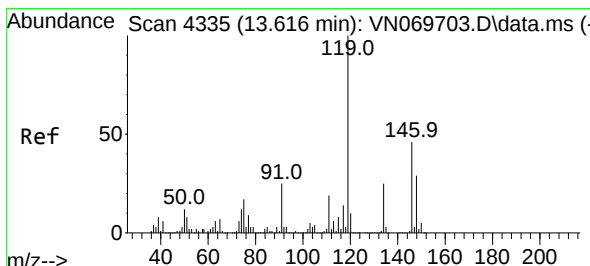
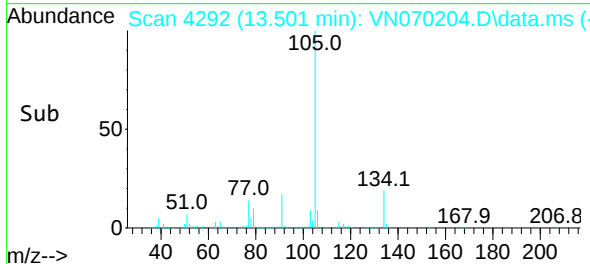
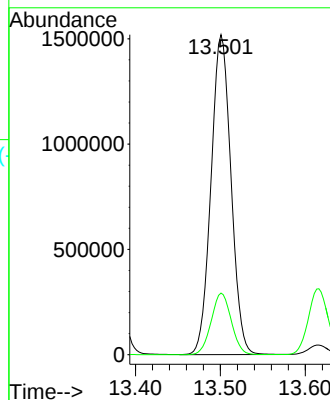
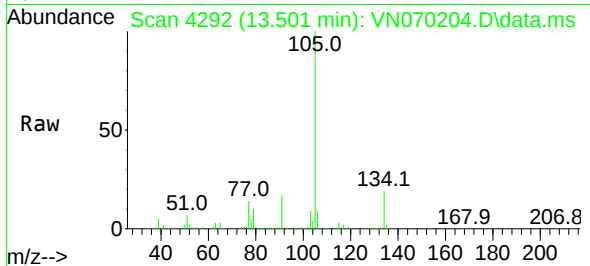
#85
 sec-Butylbenzene
 Concen: 43.532 ug/l
 RT: 13.501 min Scan# 4292
 Delta R.T. -0.002 min
 Lab File: VN070204.D
 Acq: 18 Dec 2021 9:13

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 248066
 Ion Ratio Lower Upper
 105 100
 134 19.3 10.4 31.1

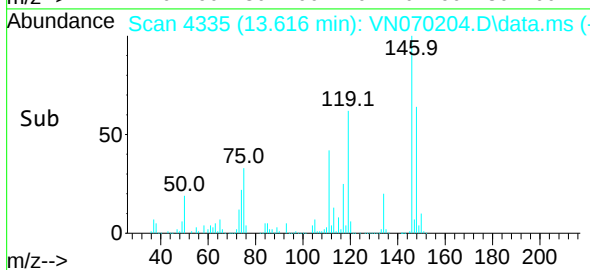
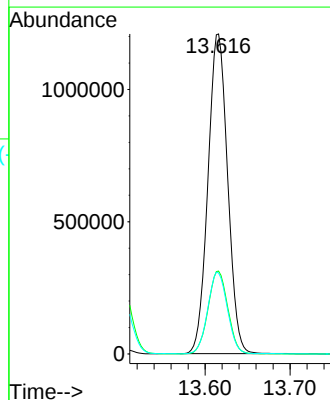
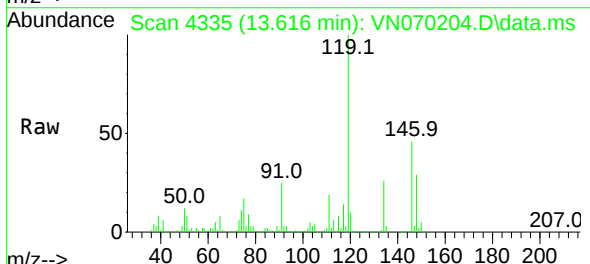
Manual Integrations
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Reviewed By :John Carlone 12/20/2021
 Supervised By :Mahesh Dadoda 12/23/2021



#86
 p-Isopropyltoluene
 Concen: 43.589 ug/l
 RT: 13.616 min Scan# 4335
 Delta R.T. 0.000 min
 Lab File: VN070204.D
 Acq: 18 Dec 2021 9:13

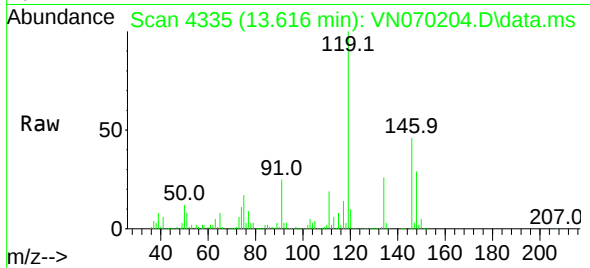
Tgt Ion:119 Resp: 1941577
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.6 40.7
 91 25.4 11.4 34.1





#87
1,3-Dichlorobenzene
Concen: 42.597 ug/l
RT: 13.616 min Scan# 4335
Delta R.T. 0.000 min
Lab File: VN070204.D
Acq: 18 Dec 2021 9:13

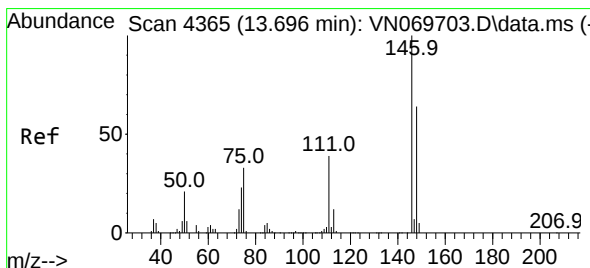
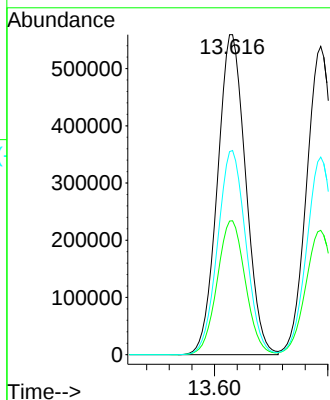
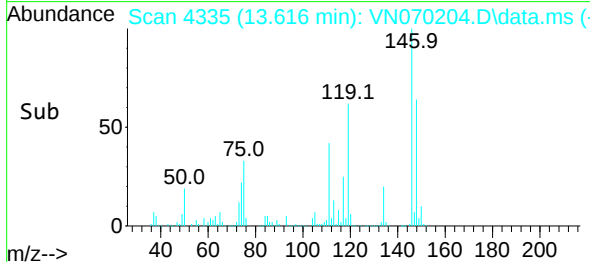
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



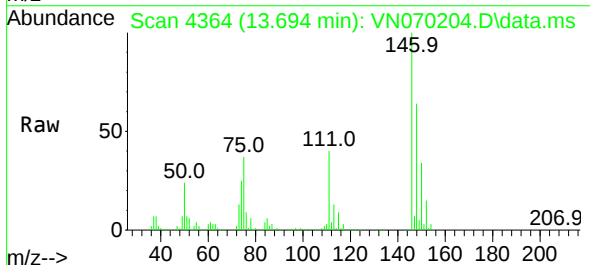
Tgt Ion:146 Resp: 968929
Ion Ratio Lower Upper
146 100
111 41.8 18.6 55.6
148 63.8 31.6 95.0

Manual Integrations
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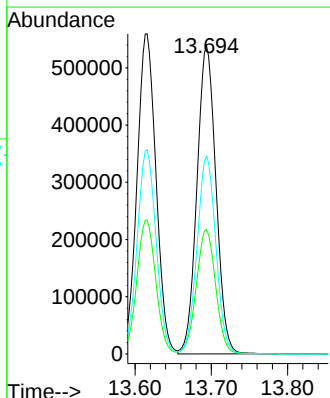
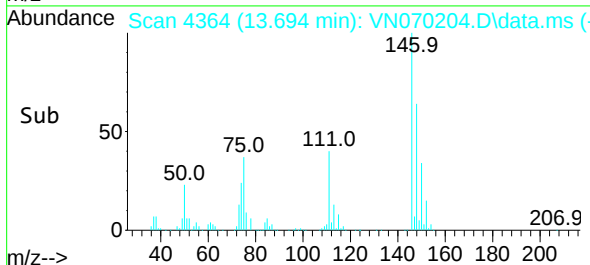
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/23/2021

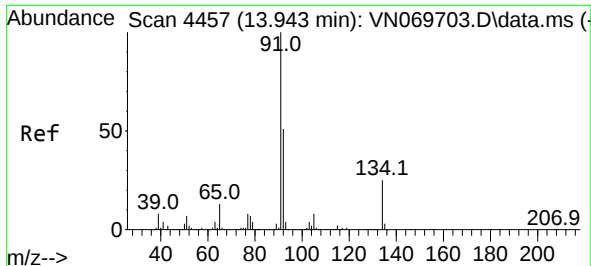


#88
1,4-Dichlorobenzene
Concen: 41.638 ug/l
RT: 13.694 min Scan# 4364
Delta R.T. -0.002 min
Lab File: VN070204.D
Acq: 18 Dec 2021 9:13



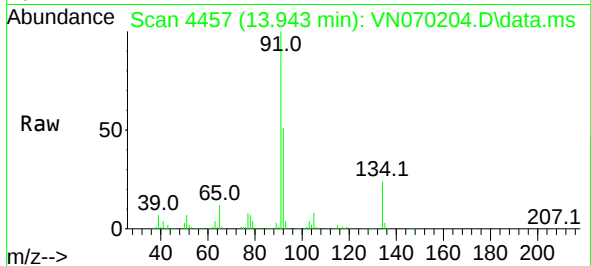
Tgt Ion:146 Resp: 930774
Ion Ratio Lower Upper
146 100
111 40.8 18.3 54.8
148 63.9 31.8 95.4





#89
n-Butylbenzene
Concen: 42.771 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. 0.000 min
Lab File: VN070204.D
Acq: 18 Dec 2021 9:13

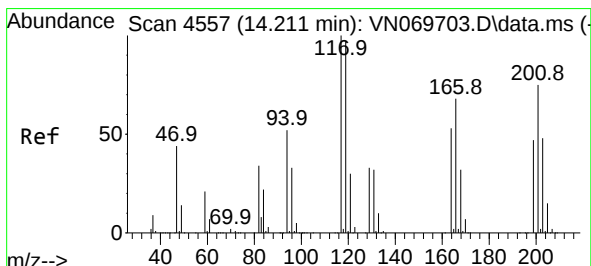
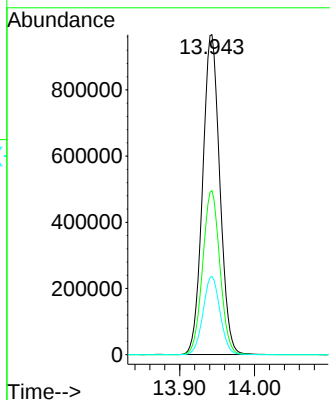
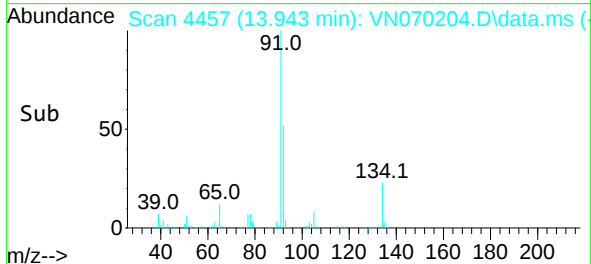
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 154544
Ion Ratio Lower Upper
91 100
92 51.5 25.4 76.0
134 24.2 13.6 40.8

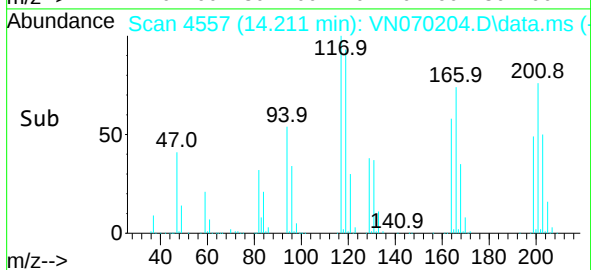
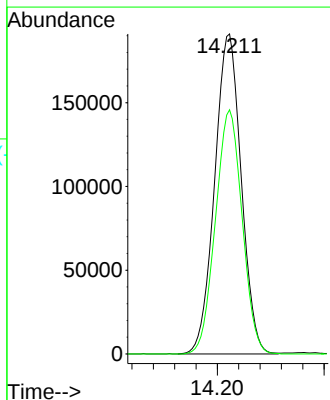
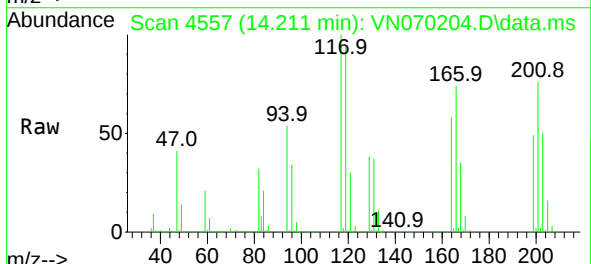
Manual Integrations
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Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/23/2021



#90
Hexachloroethane
Concen: 42.201 ug/l
RT: 14.211 min Scan# 4557
Delta R.T. 0.000 min
Lab File: VN070204.D
Acq: 18 Dec 2021 9:13

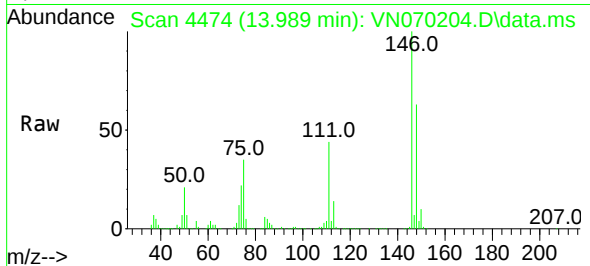
Tgt Ion:117 Resp: 330031
Ion Ratio Lower Upper
117 100
201 76.6 43.9 131.6





#91
1,2-Dichlorobenzene
Concen: 43.128 ug/l
RT: 13.989 min Scan# 4474
Delta R.T. 0.000 min
Lab File: VN070204.D
Acq: 18 Dec 2021 9:13

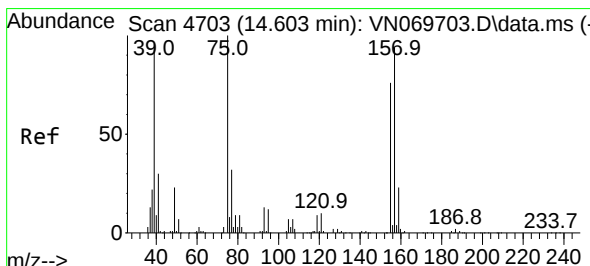
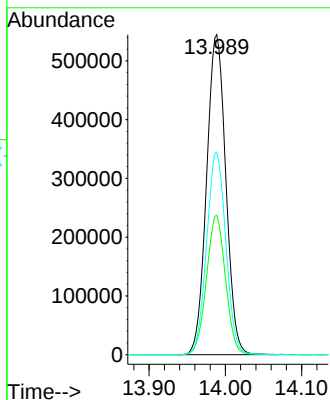
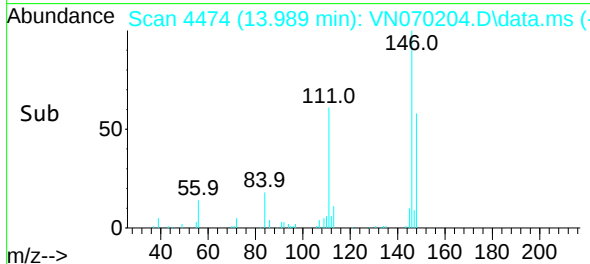
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



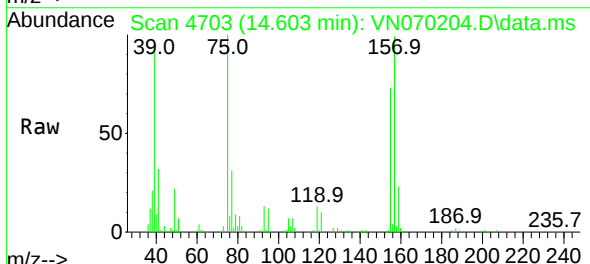
Tgt Ion:146 Resp: 95584
Ion Ratio Lower Upper
146 100
111 43.1 19.1 57.3
148 63.2 32.1 96.3

Manual Integrations
APPROVED

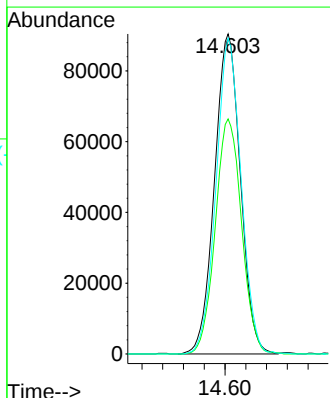
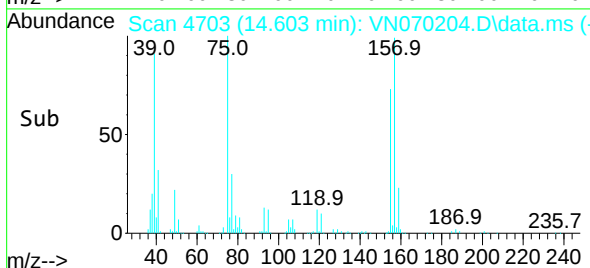
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/23/2021

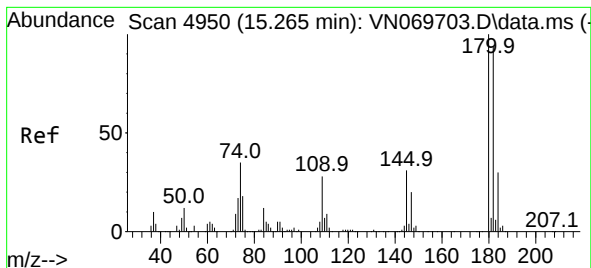


#92
1,2-Dibromo-3-Chloropropane
Concen: 42.402 ug/l
RT: 14.603 min Scan# 4703
Delta R.T. 0.000 min
Lab File: VN070204.D
Acq: 18 Dec 2021 9:13



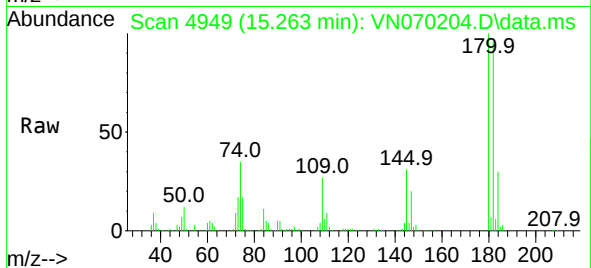
Tgt Ion: 75 Resp: 156183
Ion Ratio Lower Upper
75 100
155 74.8 46.9 140.7
157 95.8 60.6 181.7





#93
1,2,4-Trichlorobenzene
Concen: 40.541 ug/l
RT: 15.263 min Scan# 4950
Delta R.T. -0.002 min
Lab File: VN070204.D
Acq: 18 Dec 2021 9:13

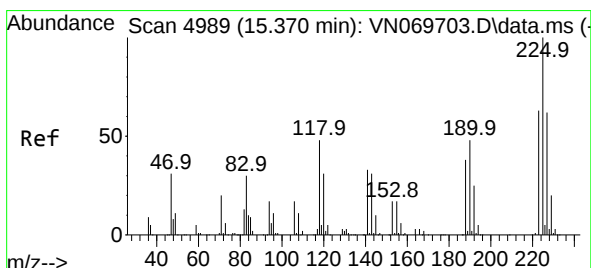
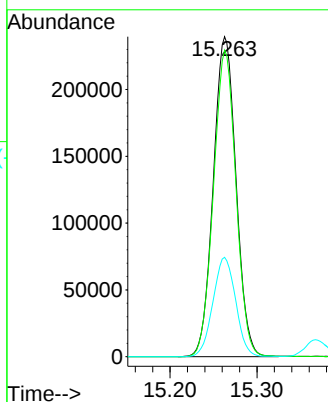
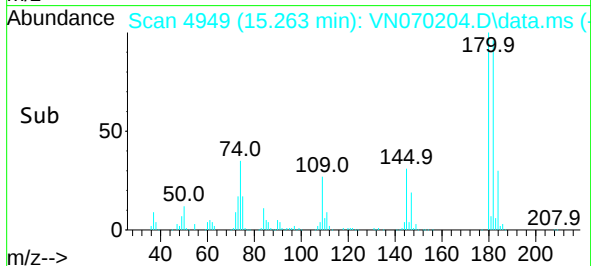
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



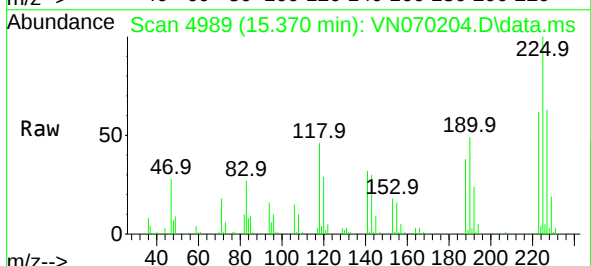
Tgt Ion:180 Resp: 434412
Ion Ratio Lower Upper
180 100
182 94.9 48.3 144.9
145 31.0 14.5 43.5

Manual Integrations
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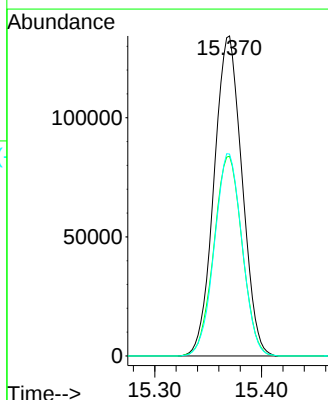
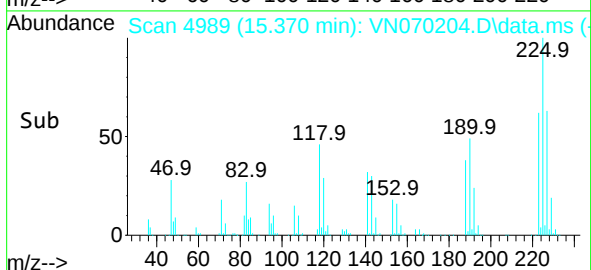
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/23/2021

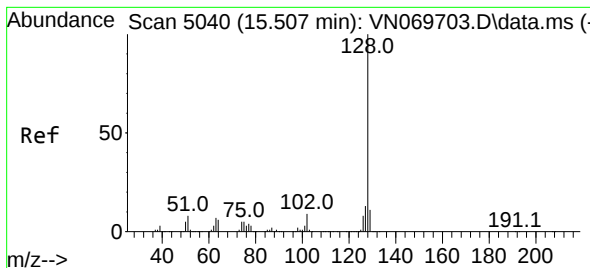


#94
Hexachlorobutadiene
Concen: 41.648 ug/l
RT: 15.370 min Scan# 4989
Delta R.T. 0.000 min
Lab File: VN070204.D
Acq: 18 Dec 2021 9:13



Tgt Ion:225 Resp: 244631
Ion Ratio Lower Upper
225 100
223 63.0 31.9 95.7
227 62.4 32.1 96.3





#95

Naphthalene

Concen: 40.134 ug/l

RT: 15.504 min Scan# 5040

Delta R.T. -0.003 min

Lab File: VN070204.D

Acq: 18 Dec 2021 9:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:128 Resp: 127180

Ion Ratio Lower Upper

128 100

127 13.0 10.5 15.7

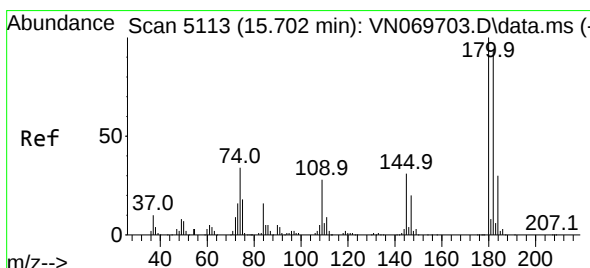
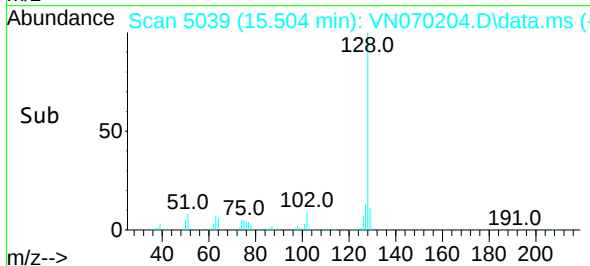
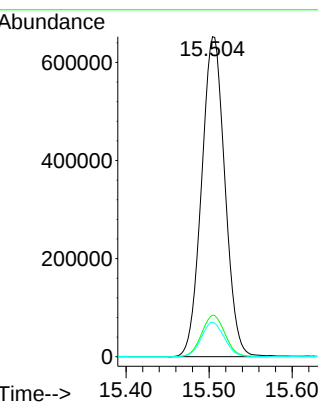
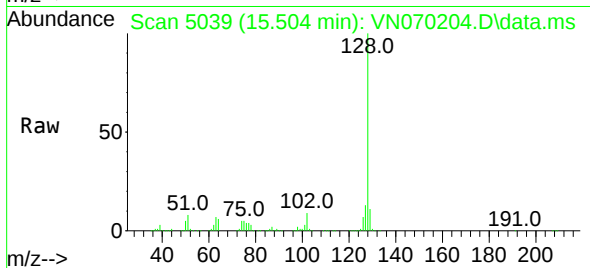
129 10.7 8.7 13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2021

Supervised By :Mahesh Dadoda 12/23/2021



#96

1,2,3-Trichlorobenzene

Concen: 42.321 ug/l

RT: 15.700 min Scan# 5112

Delta R.T. -0.002 min

Lab File: VN070204.D

Acq: 18 Dec 2021 9:13

Tgt Ion:180 Resp: 444179

Ion Ratio Lower Upper

180 100

182 94.4 47.4 142.2

145 32.2 15.0 45.1

