

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121421\
 Data File : VN070062.D
 Acq On : 14 Dec 2021 10:21
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/15/2021
 Supervised By : Mahesh Dadoda 12/21/2021

Quant Time: Dec 14 17:08:09 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	923108	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1471006	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1373742	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	618858	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	661633	46.421	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	92.840%		
35) Dibromofluoromethane	8.019	113	464426	50.404	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	100.800%		
50) Toluene-d8	10.441	98	1776499	48.017	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	96.040%		
62) 4-Bromofluorobenzene	12.728	95	671182	50.075	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	100.160%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.073	85	543924	50.519	ug/l	99
3) Chloromethane	2.301	50	662940	49.148	ug/l	100
4) Vinyl Chloride	2.448	62	611710	49.320	ug/l	98
5) Bromomethane	2.840	94	345500	51.275	ug/l	97
6) Chloroethane	3.011	64	355784	46.812	ug/l	95
7) Trichlorofluoromethane	3.374	101	802598	49.305	ug/l	95
8) Diethyl Ether	3.821	74	329029	52.481	ug/l	77
9) 1,1,2-Trichlorotrifluo...	4.205	101	505348	55.382	ug/l	95
10) Methyl Iodide	4.417	142	641080	51.428	ug/l	98
11) Tert butyl alcohol	5.380	59	547710	203.298	ug/l	98
12) 1,1-Dichloroethene	4.178	96	460887	52.415	ug/l	89
13) Acrolein	4.036	56	545379	237.712	ug/l	99
14) Allyl chloride	4.838	41	1093009	55.164	ug/l	92
15) Acrylonitrile	5.551	53	1774948	244.493	ug/l	100
16) Acetone	4.283	43	2383934	278.052	ug/l	97
17) Carbon Disulfide	4.524	76	1266553	55.754	ug/l	100
18) Methyl Acetate	4.851	43	1207544	46.661	ug/l	91
19) Methyl tert-butyl Ether	5.616	73	1744334	51.020	ug/l	95
20) Methylene Chloride	5.093	84	573844	50.347	ug/l #	83
21) trans-1,2-Dichloroethene	5.591	96	495612	51.894	ug/l	85
22) Diisopropyl ether	6.495	45	2141506	55.297	ug/l #	94
23) Vinyl Acetate	6.431	43	8502243	269.854	ug/l #	93
24) 1,1-Dichloroethane	6.385	63	1095274	54.597	ug/l	97
25) 2-Butanone	7.335	43	2913607	250.113	ug/l #	90
26) 2,2-Dichloropropane	7.324	77	851673	54.602	ug/l	96
27) cis-1,2-Dichloroethene	7.324	96	605207	52.450	ug/l	85
28) Bromochloromethane	7.657	49	563565	54.022	ug/l #	76
29) Tetrahydrofuran	7.683	42	1666805	235.635	ug/l #	86
30) Chloroform	7.815	83	1093115	53.953	ug/l	100
31) Cyclohexane	8.094	56	1006772	50.758	ug/l	87
32) 1,1,1-Trichloroethane	8.013	97	927948	53.769	ug/l	95
36) 1,1-Dichloropropene	8.220	75	786038	56.131	ug/l	96
37) Ethyl Acetate	7.413	43	995407	47.759	ug/l	95
38) Carbon Tetrachloride	8.204	117	808051	58.844	ug/l	99
39) Methylcyclohexane	9.459	83	940827	56.483	ug/l	88
40) Benzene	8.459	78	2344986	54.785	ug/l	99

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.635	41	540225	55.215	ug/l #	87
42) 1,2-Dichloroethane	8.528	62	930696	53.863	ug/l	97
43) Isopropyl Acetate	8.560	43	1586479	51.437	ug/l #	94
44) Trichloroethene	9.215	130	554253	54.252	ug/l	89
45) 1,2-Dichloropropane	9.488	63	655785	57.053	ug/l	98
46) Dibromomethane	9.574	93	415486	55.117	ug/l	93
47) Bromodichloromethane	9.759	83	901283	63.147	ug/l	99
48) Methyl methacrylate	9.558	41	746888	51.889	ug/l	84
49) 1,4-Dioxane	9.569	88	241391	934.644	ug/l #	81
51) 4-Methyl-2-Pentanone	10.331	43	5268782	263.321	ug/l	94
52) Toluene	10.505	92	1437947	55.026	ug/l	99
53) t-1,3-Dichloropropene	10.717	75	912654	52.981	ug/l	98
54) cis-1,3-Dichloropropene	10.188	75	989067	54.695	ug/l	90
55) 1,1,2-Trichloroethane	10.896	97	575439	54.576	ug/l	97
56) Ethyl methacrylate	10.760	69	952397	47.969	ug/l #	86
57) 1,3-Dichloropropane	11.044	76	1025334	55.228	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.041	63	1168536	219.896	ug/l	91
59) 2-Hexanone	11.084	43	3997166	264.080	ug/l	92
60) Dibromochloromethane	11.237	129	648052	57.014	ug/l	100
61) 1,2-Dibromoethane	11.344	107	589453	53.975	ug/l	100
64) Tetrachloroethene	10.977	164	485882	52.162	ug/l	96
65) Chlorobenzene	11.768	112	1526384	54.770	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.841	131	582651	59.399	ug/l	100
67) Ethyl Benzene	11.843	91	2903505	57.355	ug/l	95
68) m/p-Xylenes	11.953	106	2115994	114.797	ug/l	91
69) o-Xylene	12.280	106	1040737	56.054	ug/l	91
70) Styrene	12.294	104	1752546	59.528	ug/l	95
71) Bromoform	12.457	173	495366	58.551	ug/l #	100
73) Isopropylbenzene	12.578	105	2783591	50.555	ug/l	98
74) N-amyl acetate	12.388	43	1195328	49.089	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.825	83	911083	47.851	ug/l	99
76) 1,2,3-Trichloropropane	12.878	75	820338m	46.223	ug/l	
77) Bromobenzene	12.860	156	639960	49.482	ug/l	77
78) n-propylbenzene	12.919	91	3278315	53.505	ug/l	96
79) 2-Chlorotoluene	13.004	91	1977531	51.079	ug/l	93
80) 1,3,5-Trimethylbenzene	13.058	105	2308504	52.090	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.624	75	277073	51.007	ug/l	96
82) 4-Chlorotoluene	13.104	91	1936369	53.184	ug/l	92
83) tert-Butylbenzene	13.324	119	2008232	51.176	ug/l	93
84) 1,2,4-Trimethylbenzene	13.367	105	2254511	53.417	ug/l	97
85) sec-Butylbenzene	13.501	105	2869814	53.915	ug/l	97
86) p-Isopropyltoluene	13.613	119	2298338	55.240	ug/l	96
87) 1,3-Dichlorobenzene	13.616	146	1128604	53.118	ug/l	97
88) 1,4-Dichlorobenzene	13.694	146	1085967	52.010	ug/l	97
89) n-Butylbenzene	13.943	91	1942297	57.549	ug/l	97
90) Hexachloroethane	14.209	117	451662	61.831	ug/l	88
91) 1,2-Dichlorobenzene	13.989	146	1079216	52.131	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.603	75	176045	51.168	ug/l	77
93) 1,2,4-Trichlorobenzene	15.263	180	513536	50.544	ug/l	98
94) Hexachlorobutadiene	15.367	225	302427	55.122	ug/l	99
95) Naphthalene	15.504	128	1271815	42.686	ug/l	100
96) 1,2,3-Trichlorobenzene	15.700	180	493893	49.916	ug/l	99

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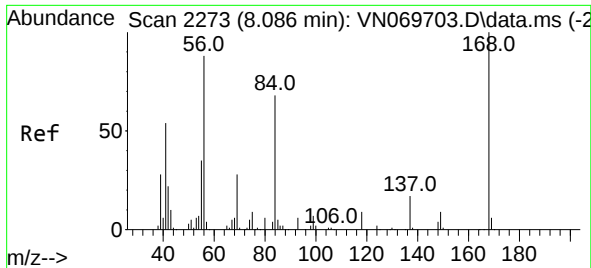
Manual Integrations
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Response via : Initial Calibration

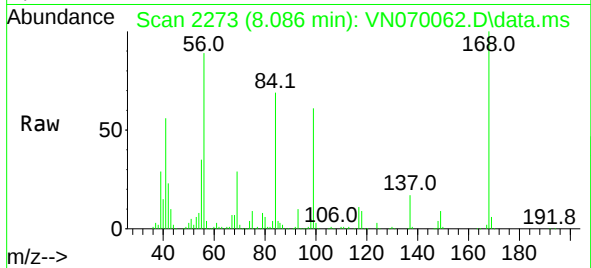
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.000 min
Lab File: VN070062.D
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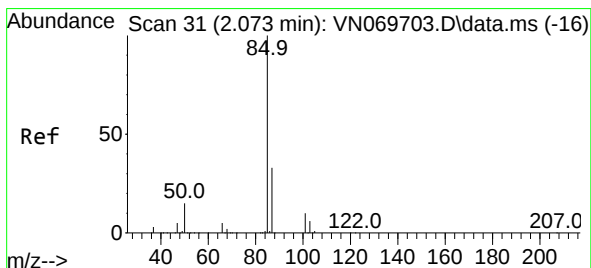
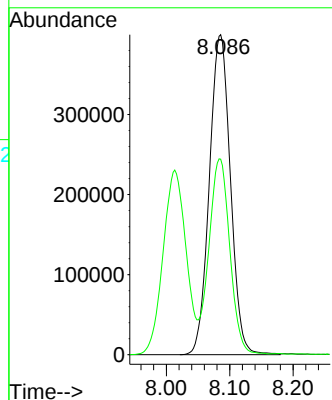
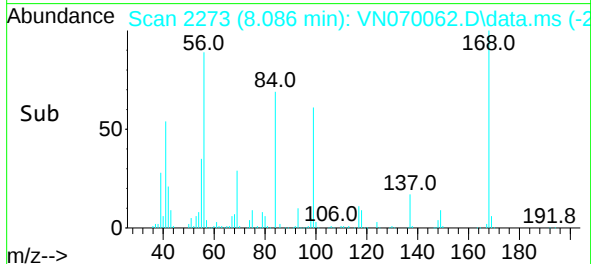
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MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 923108
Ion Ratio Lower Upper
168 100
99 60.8 41.3 61.9

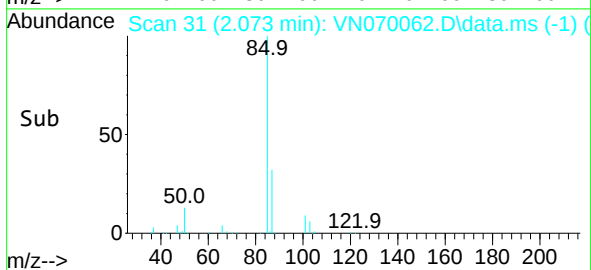
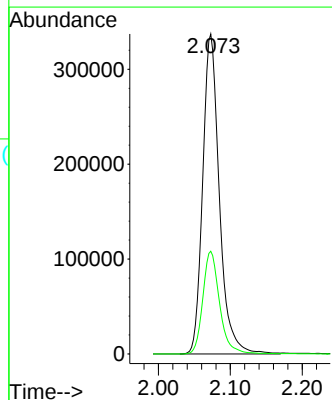
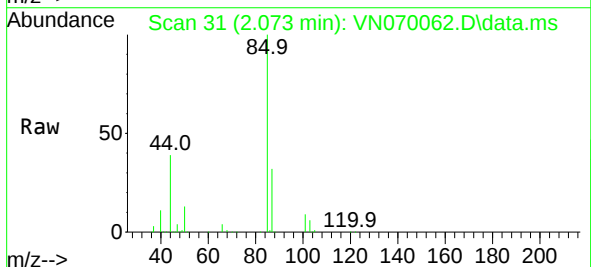
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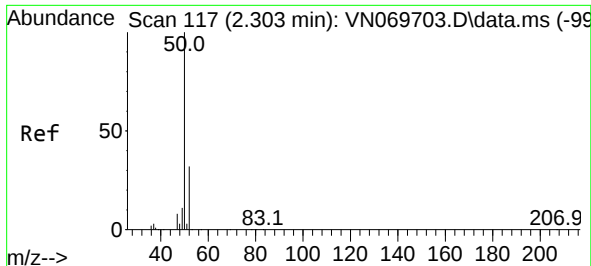
Reviewed By :John Carlone 12/15/2021
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#2
Dichlorodifluoromethane
Concen: 50.519 ug/l
RT: 2.073 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN070062.D
Acq: 14 Dec 2021 10:21

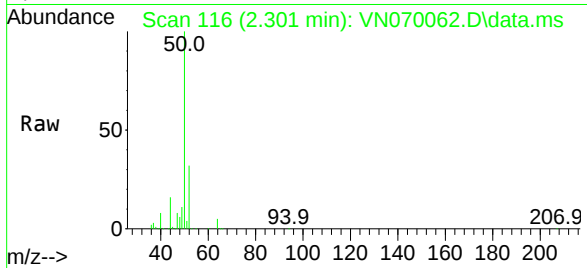
Tgt Ion: 85 Resp: 543924
Ion Ratio Lower Upper
85 100
87 32.1 16.3 48.9





#3
Chloromethane
Concen: 49.148 ug/l
RT: 2.301 min Scan# 116
Delta R.T. -0.002 min
Lab File: VN070062.D
Acq: 14 Dec 2021 10:21

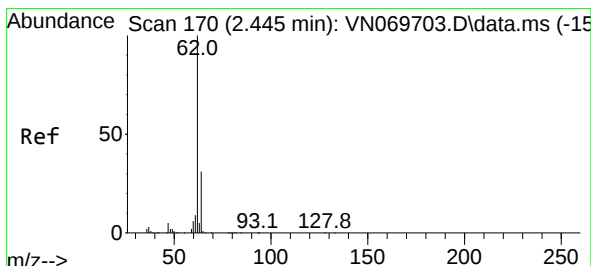
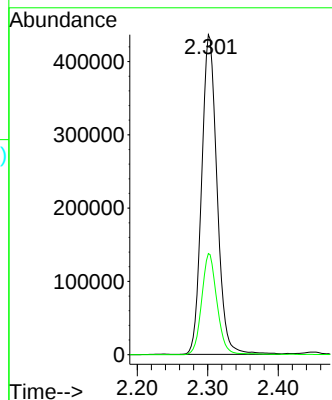
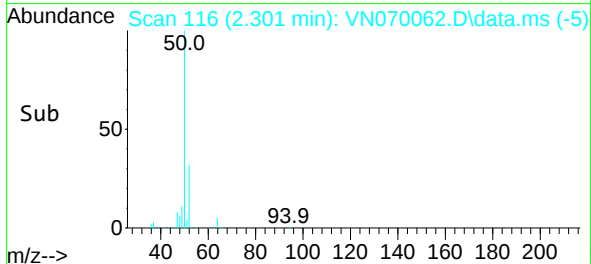
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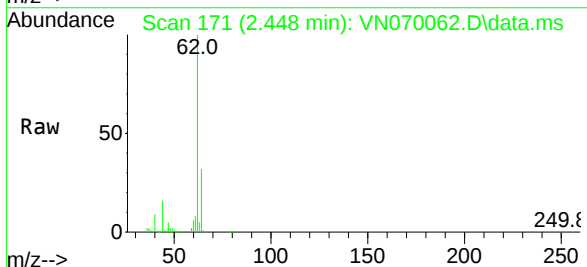
Tgt Ion: 50 Resp: 662940
Ion Ratio Lower Upper
50 100
52 31.7 25.4 38.0

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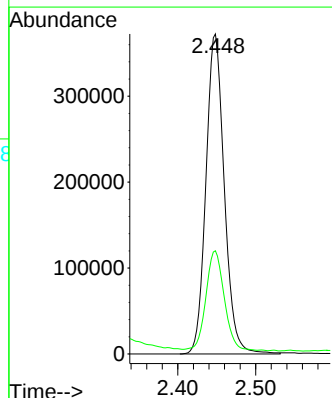
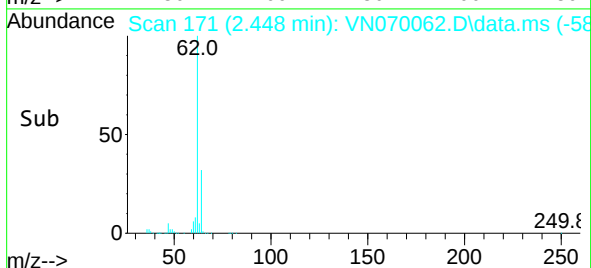
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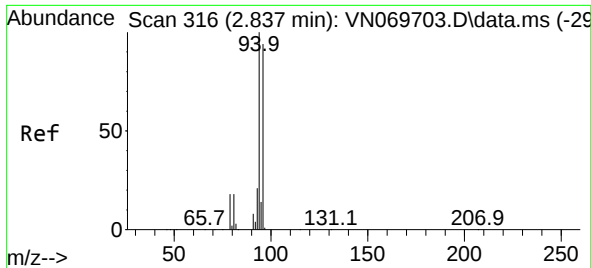


#4
Vinyl Chloride
Concen: 49.320 ug/l
RT: 2.448 min Scan# 171
Delta R.T. 0.003 min
Lab File: VN070062.D
Acq: 14 Dec 2021 10:21



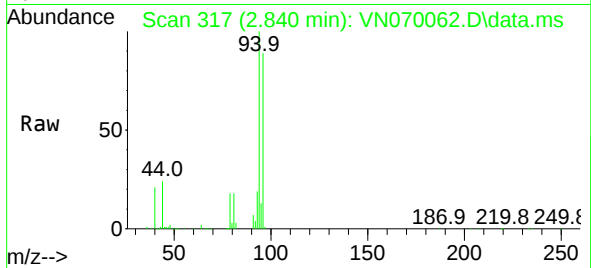
Tgt Ion: 62 Resp: 611710
Ion Ratio Lower Upper
62 100
64 31.3 25.8 38.6





#5
Bromomethane
Concen: 51.275 ug/l
RT: 2.840 min Scan# 316
Delta R.T. 0.003 min
Lab File: VN070062.D
Acq: 14 Dec 2021 10:21

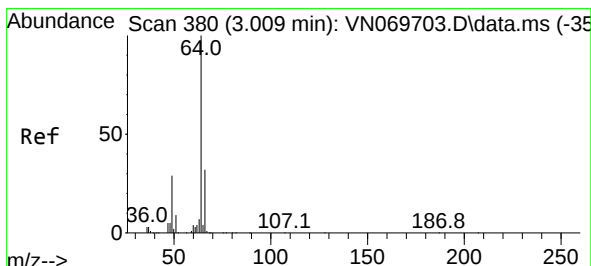
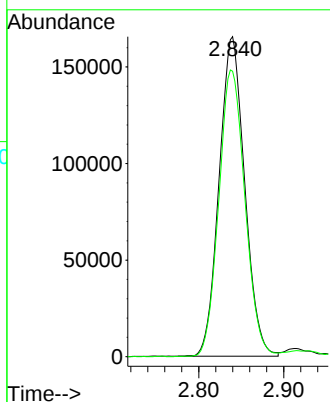
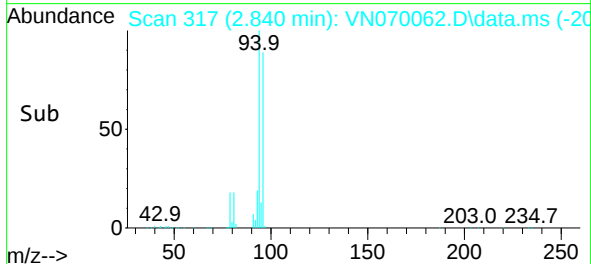
Instrument :
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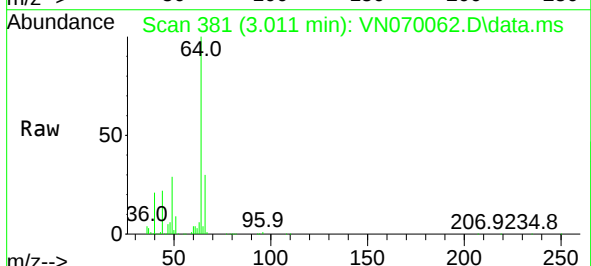
Tgt Ion: 94 Resp: 345500
Ion Ratio Lower Upper
94 100
96 89.2 73.8 110.8

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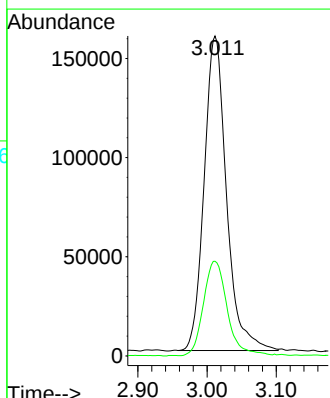
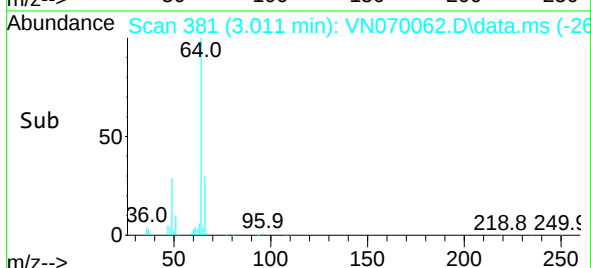
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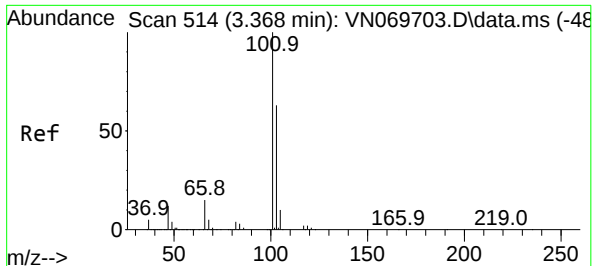


#6
Chloroethane
Concen: 46.812 ug/l
RT: 3.011 min Scan# 381
Delta R.T. 0.003 min
Lab File: VN070062.D
Acq: 14 Dec 2021 10:21



Tgt Ion: 64 Resp: 355784
Ion Ratio Lower Upper
64 100
66 30.0 26.3 39.5





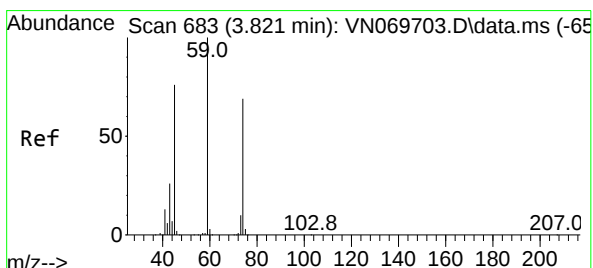
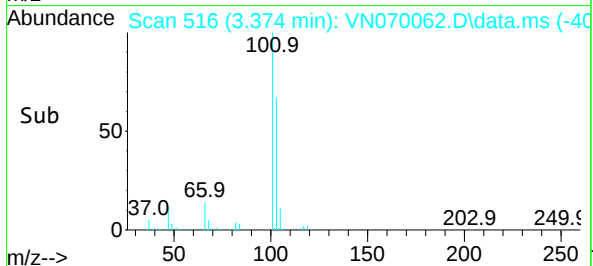
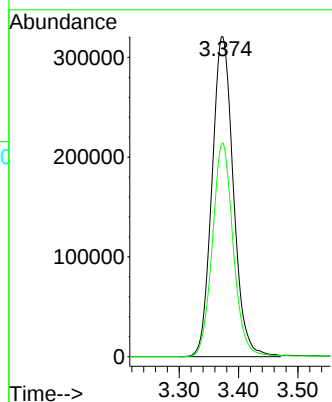
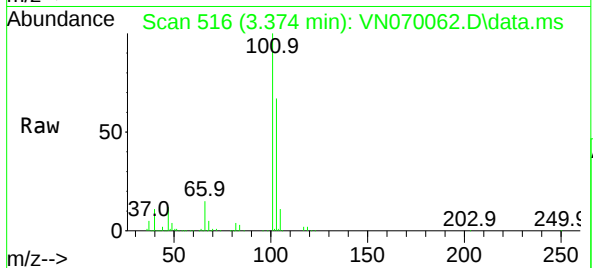
#7
Trichlorofluoromethane
Concen: 49.305 ug/l
RT: 3.374 min Scan# 514
Delta R.T. 0.006 min
Lab File: VN070062.D
Acq: 14 Dec 2021 10:21

Instrument :
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ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 802598
Ion Ratio Lower Upper
101 100
103 66.8 50.1 75.1

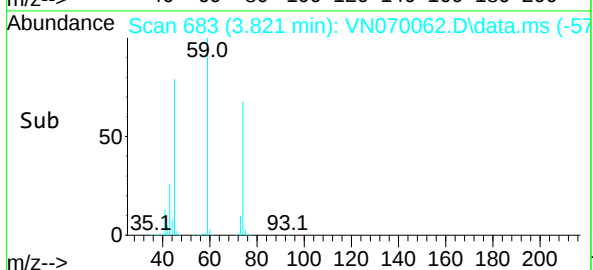
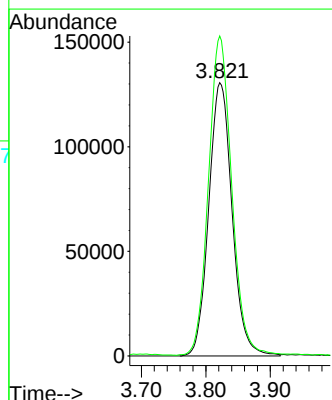
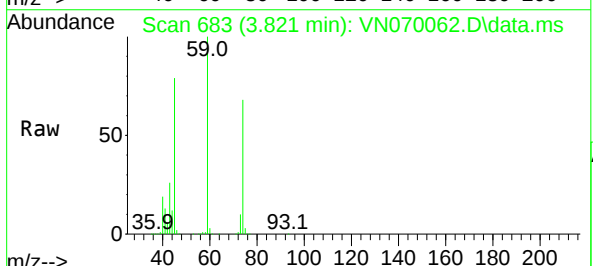
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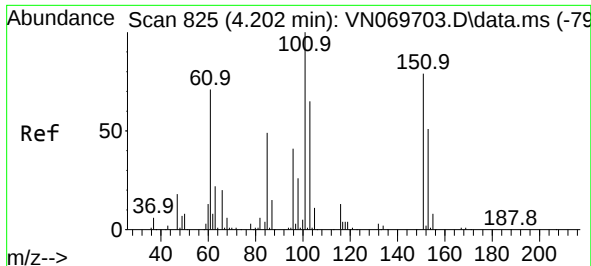
Reviewed By :John Carlone 12/15/2021
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#8
Diethyl Ether
Concen: 52.481 ug/l
RT: 3.821 min Scan# 683
Delta R.T. 0.000 min
Lab File: VN070062.D
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Tgt Ion: 74 Resp: 329029
Ion Ratio Lower Upper
74 100
45 116.1 47.0 141.2





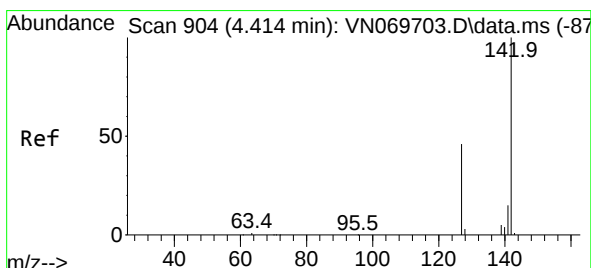
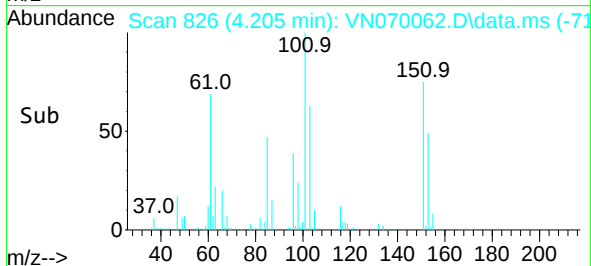
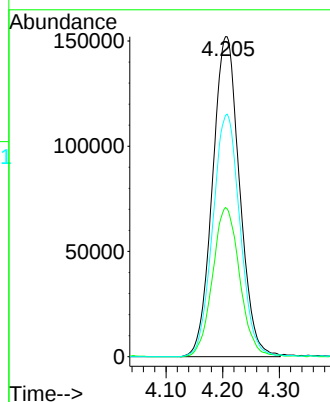
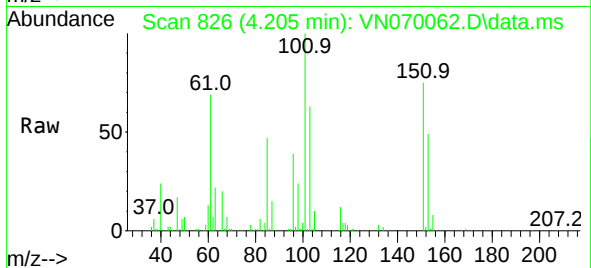
#9
1,1,2-Trichlorotrifluoroethane
Concen: 55.382 ug/l
RT: 4.205 min Scan# 825
Delta R.T. 0.003 min
Lab File: VN070062.D
Acq: 14 Dec 2021 10:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 50534
Ion Ratio Lower Upper
101 100
85 46.7 37.2 55.8
151 76.2 65.9 98.9

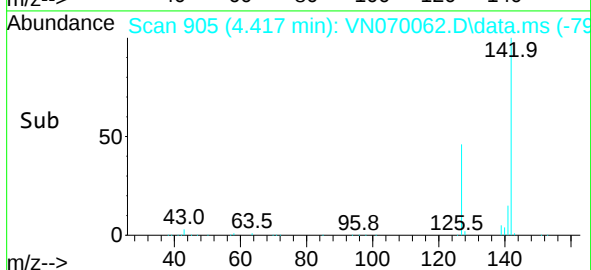
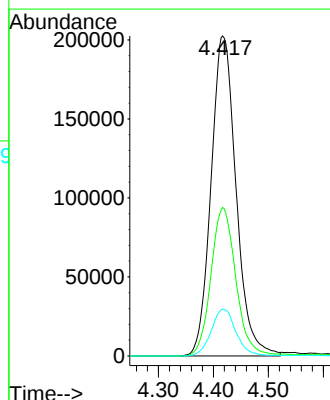
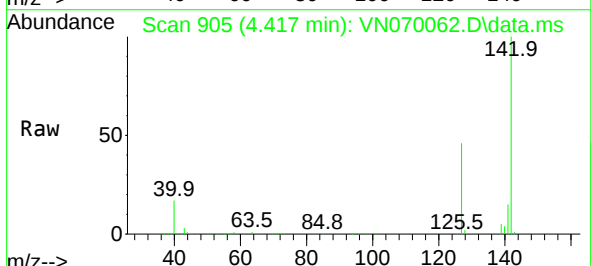
Manual Integrations
APPROVED

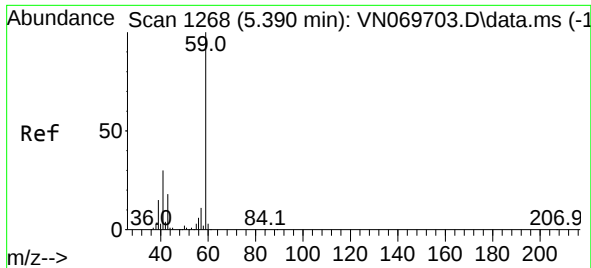
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021



#10
Methyl Iodide
Concen: 51.428 ug/l
RT: 4.417 min Scan# 905
Delta R.T. 0.003 min
Lab File: VN070062.D
Acq: 14 Dec 2021 10:21

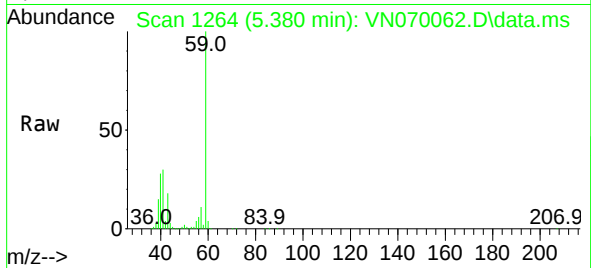
Tgt Ion:142 Resp: 641080
Ion Ratio Lower Upper
142 100
127 46.1 35.4 53.0
141 14.5 11.6 17.4





#11
Tert butyl alcohol
Concen: 203.298 ug/l
RT: 5.380 min Scan# 11
Delta R.T. -0.010 min
Lab File: VN070062.D
Acq: 14 Dec 2021 10:21

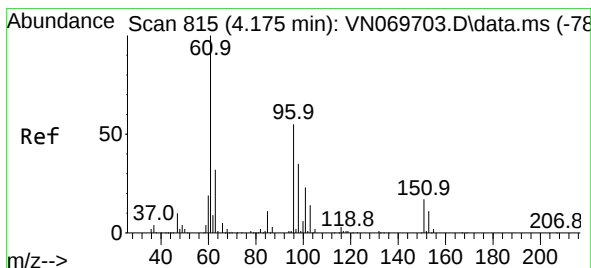
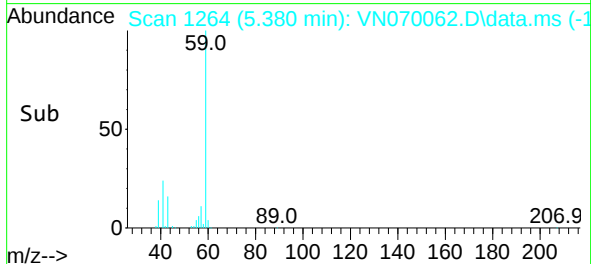
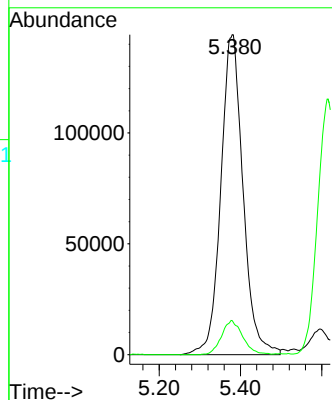
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 59 Resp: 547710
Ion Ratio Lower Upper
59 100
57 10.3 8.7 13.1

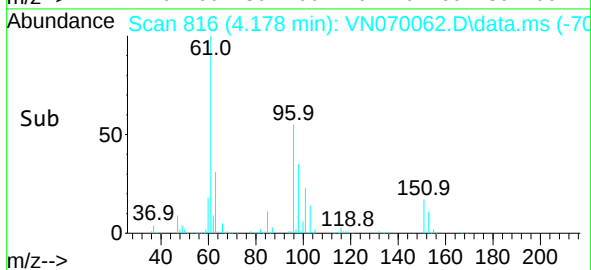
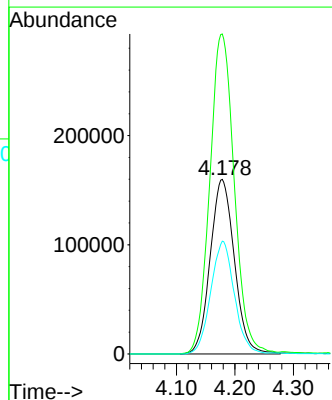
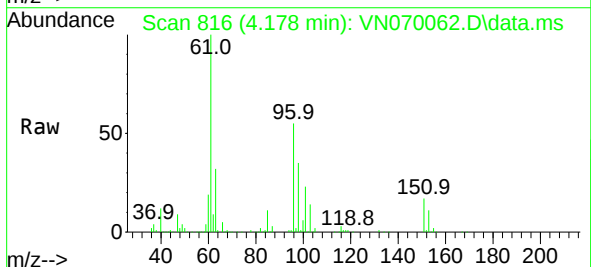
Manual Integrations
APPROVED

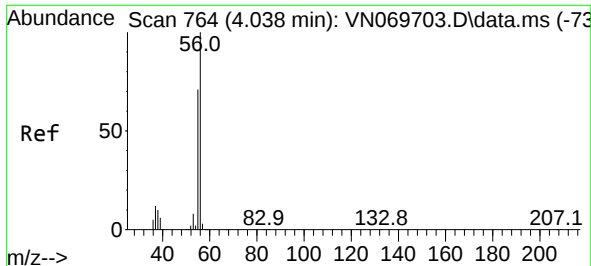
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021



#12
1,1-Dichloroethene
Concen: 52.415 ug/l
RT: 4.178 min Scan# 816
Delta R.T. 0.003 min
Lab File: VN070062.D
Acq: 14 Dec 2021 10:21

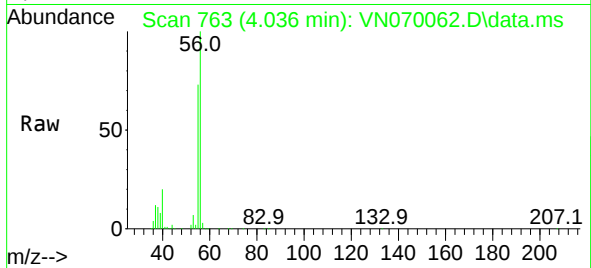
Tgt Ion: 96 Resp: 460887
Ion Ratio Lower Upper
96 100
61 183.3 131.0 196.6
98 64.6 52.4 78.6





#13
Acrolein
Concen: 237.712 ug/l
RT: 4.036 min Scan# 70
Delta R.T. -0.002 min
Lab File: VN070062.D
Acq: 14 Dec 2021 10:21

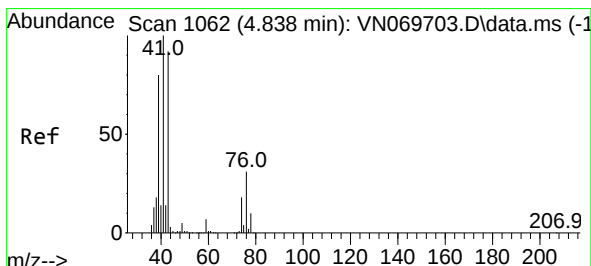
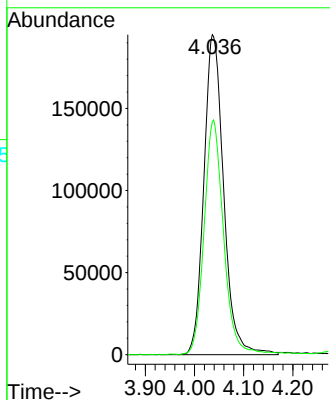
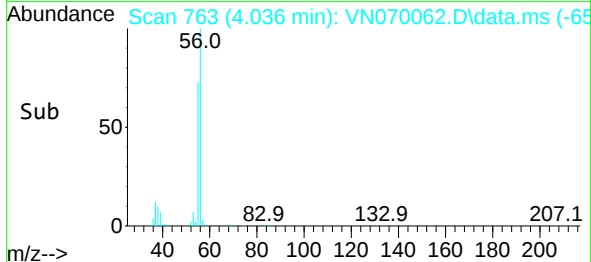
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



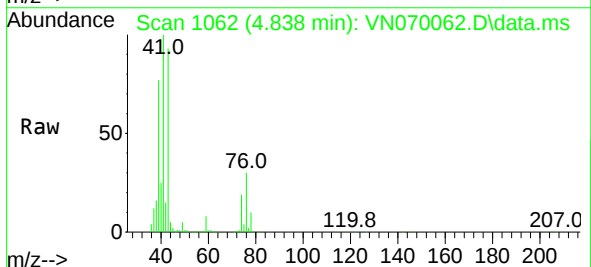
Tgt Ion: 56 Resp: 545379
Ion Ratio Lower Upper
56 100
55 71.3 56.6 85.0

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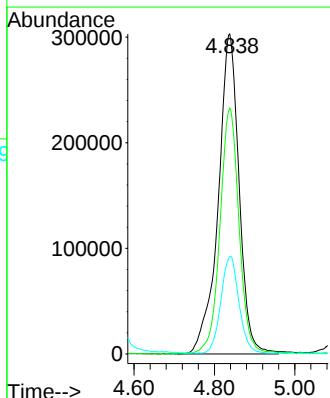
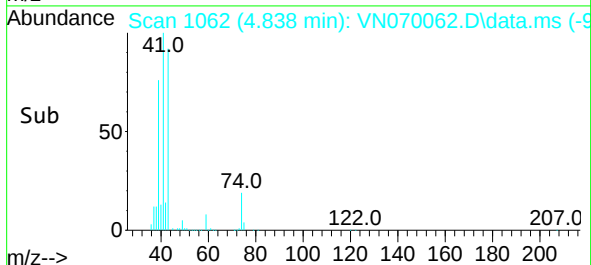
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021

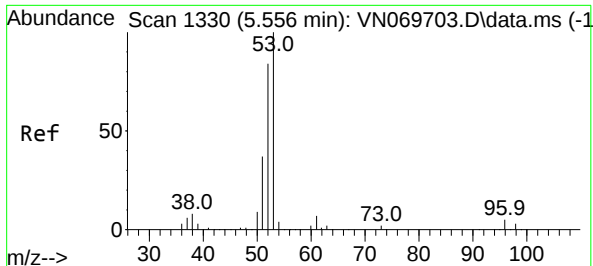


#14
Allyl chloride
Concen: 55.164 ug/l
RT: 4.838 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VN070062.D
Acq: 14 Dec 2021 10:21



Tgt Ion: 41 Resp: 1093009
Ion Ratio Lower Upper
41 100
39 70.2 61.2 91.8
76 26.2 26.0 39.0





#15

Acrylonitrile

Concen: 244.493 ug/l

RT: 5.551 min Scan# 1

Delta R.T. -0.005 min

Lab File: VN070062.D

Acq: 14 Dec 2021 10:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 53 Resp: 177494

Ion Ratio Lower Upper

53 100

52 82.8 66.2 99.2

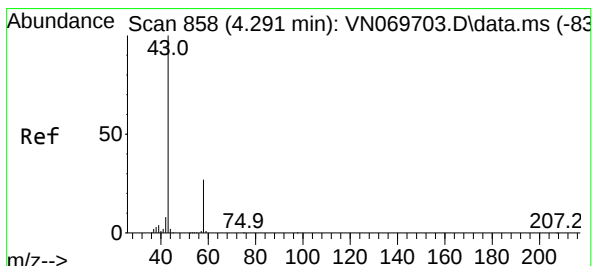
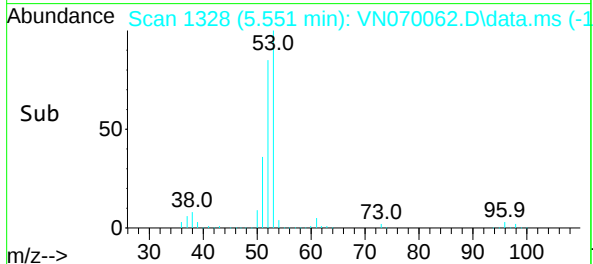
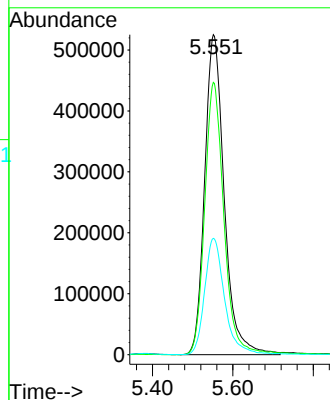
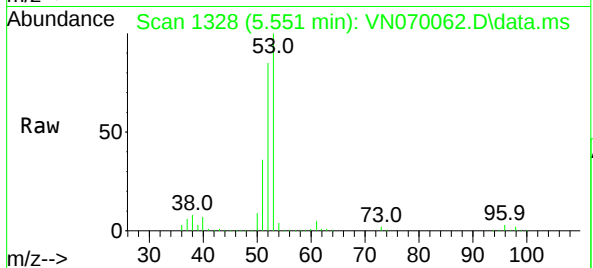
51 37.0 29.6 44.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2021

Supervised By :Mahesh Dadoda 12/21/2021



#16

Acetone

Concen: 278.052 ug/l

RT: 4.283 min Scan# 855

Delta R.T. -0.008 min

Lab File: VN070062.D

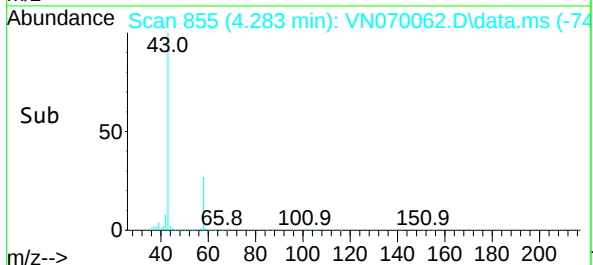
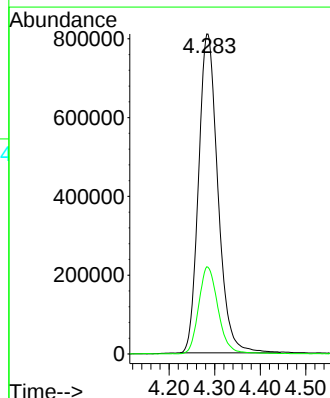
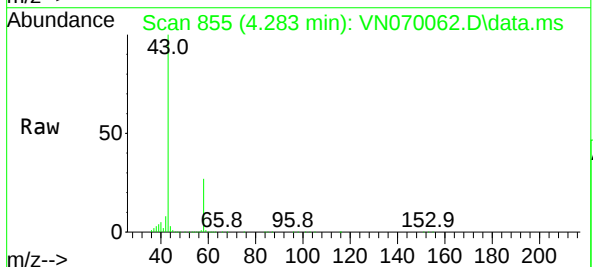
Acq: 14 Dec 2021 10:21

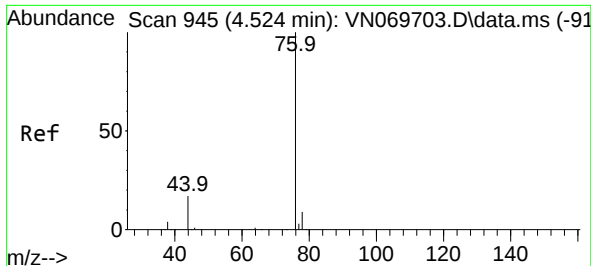
Tgt Ion: 43 Resp: 2383934

Ion Ratio Lower Upper

43 100

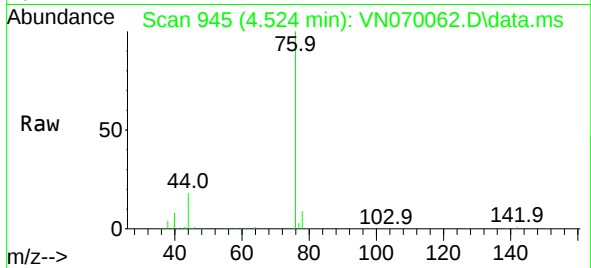
58 27.3 23.1 34.7





#17
Carbon Disulfide
Concen: 55.754 ug/l
RT: 4.524 min Scan# 945
Delta R.T. 0.000 min
Lab File: VN070062.D
Acq: 14 Dec 2021 10:21

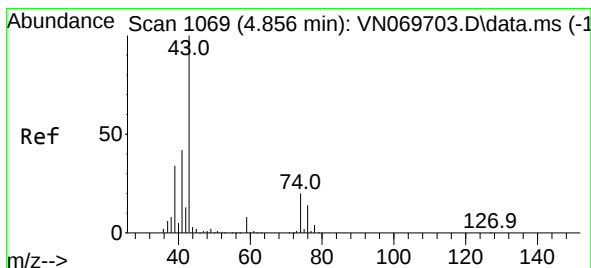
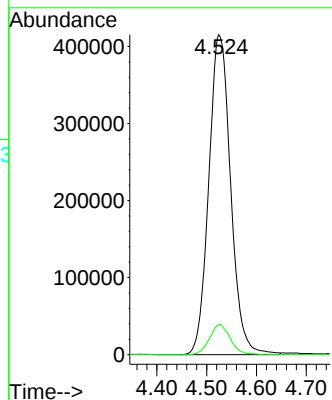
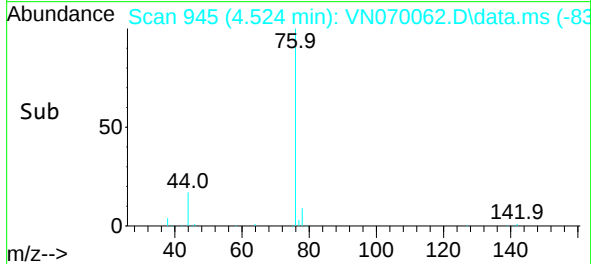
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



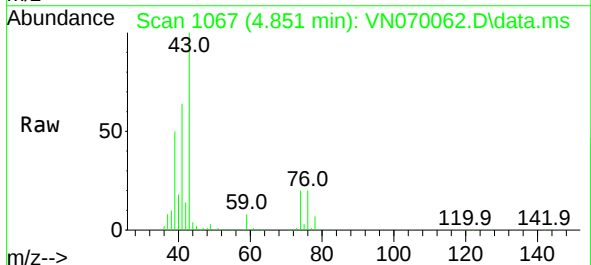
Tgt Ion: 76 Resp: 126655
Ion Ratio Lower Upper
76 100
78 9.4 7.5 11.3

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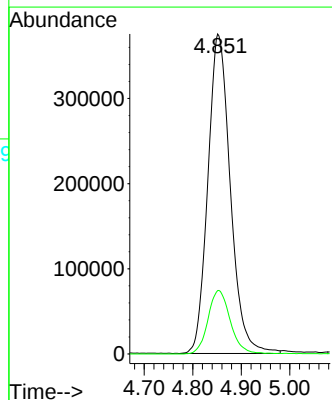
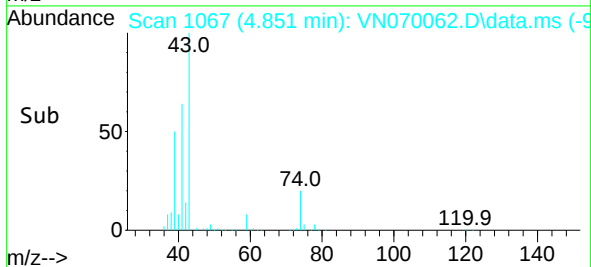
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021

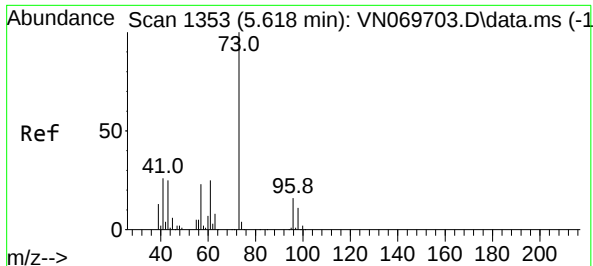


#18
Methyl Acetate
Concen: 46.661 ug/l
RT: 4.851 min Scan# 1067
Delta R.T. -0.005 min
Lab File: VN070062.D
Acq: 14 Dec 2021 10:21



Tgt Ion: 43 Resp: 1207544
Ion Ratio Lower Upper
43 100
74 19.7 19.4 29.2





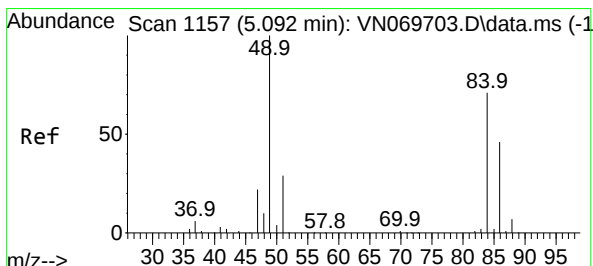
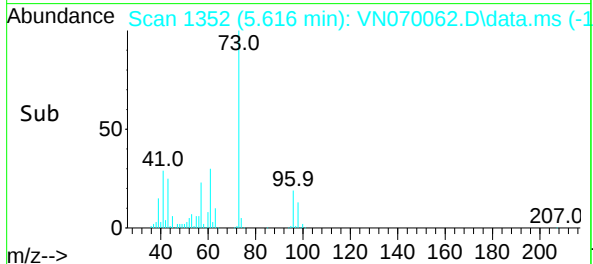
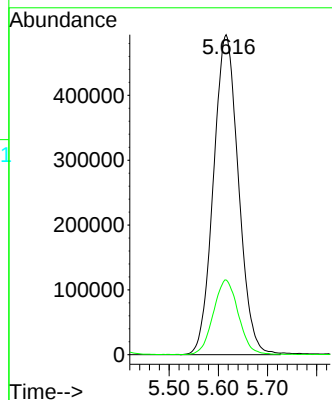
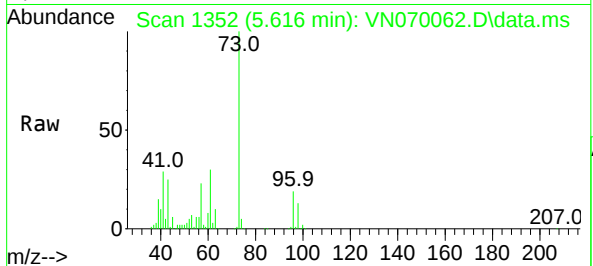
#19
Methyl tert-butyl Ether
Concen: 51.020 ug/l
RT: 5.616 min Scan# 1135
Delta R.T. -0.002 min
Lab File: VN070062.D
Acq: 14 Dec 2021 10:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 1744334
Ion Ratio Lower Upper
73 100
57 23.3 16.8 25.2

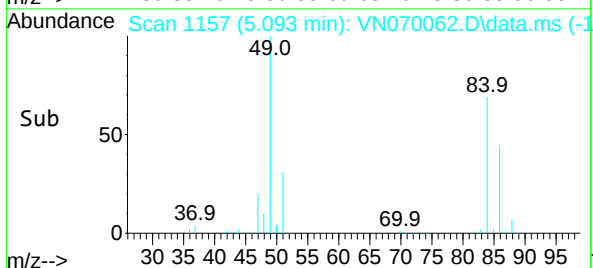
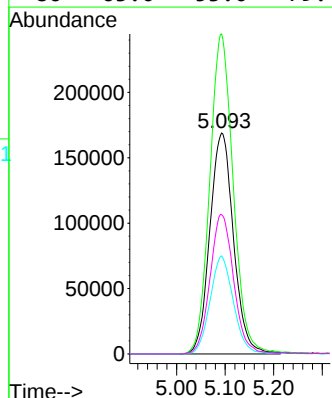
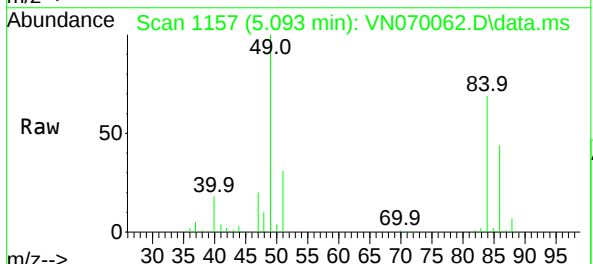
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021



#20
Methylene Chloride
Concen: 50.347 ug/l
RT: 5.093 min Scan# 1157
Delta R.T. 0.000 min
Lab File: VN070062.D
Acq: 14 Dec 2021 10:21

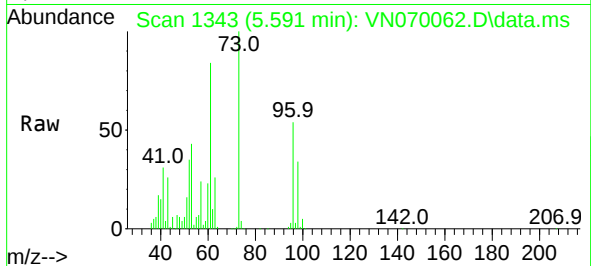
Tgt Ion: 84 Resp: 573844
Ion Ratio Lower Upper
84 100
49 144.7 93.5 140.3#
51 44.4 29.4 44.2#
86 63.0 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 51.894 ug/l
RT: 5.591 min Scan# 11
Delta R.T. -0.002 min
Lab File: VN070062.D
Acq: 14 Dec 2021 10:21

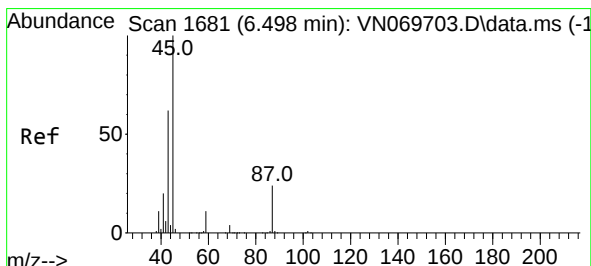
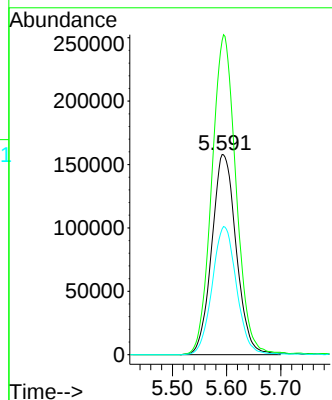
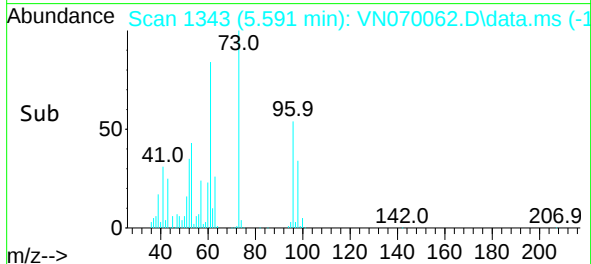
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 495612
Ion Ratio Lower Upper
96 100
61 156.9 105.8 158.6
98 62.8 52.0 78.0

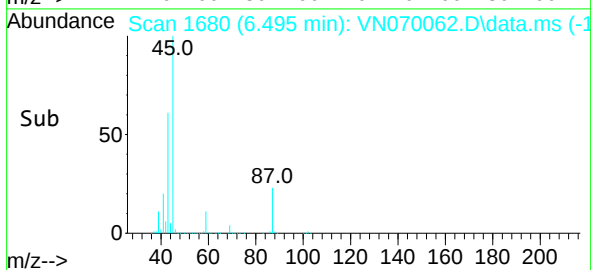
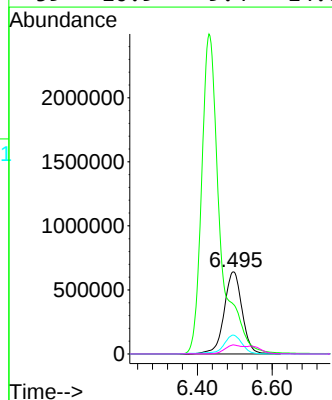
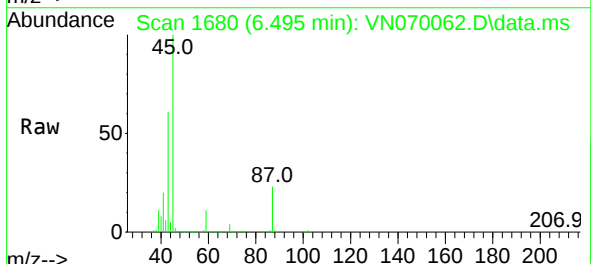
Manual Integrations
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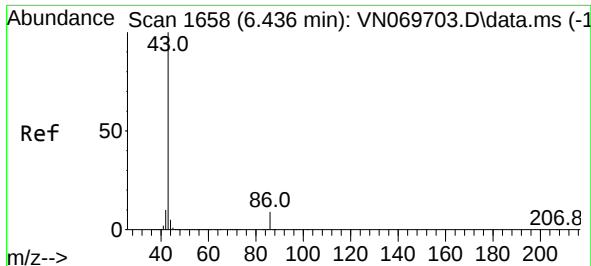
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021



#22
Diisopropyl ether
Concen: 55.297 ug/l
RT: 6.495 min Scan# 1680
Delta R.T. -0.002 min
Lab File: VN070062.D
Acq: 14 Dec 2021 10:21

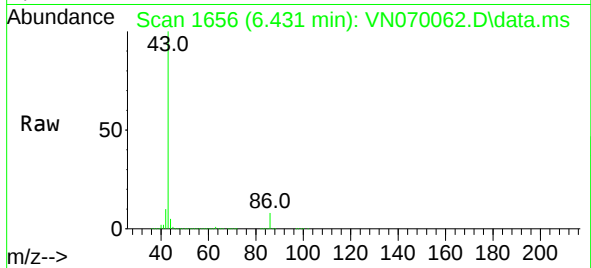
Tgt Ion: 45 Resp: 2141506
Ion Ratio Lower Upper
45 100
43 60.8 51.7 77.5
87 23.0 23.2 34.8#
59 10.9 9.4 14.0





#23
 Vinyl Acetate
 Concen: 269.854 ug/l
 RT: 6.431 min Scan# 1656
 Delta R.T. -0.005 min
 Lab File: VN070062.D
 Acq: 14 Dec 2021 10:21

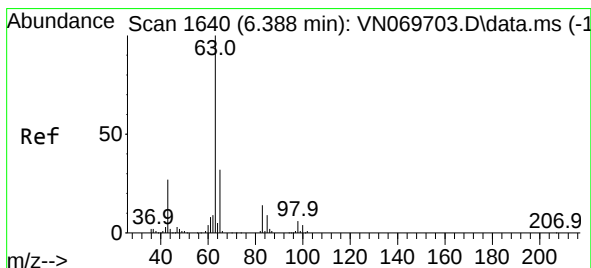
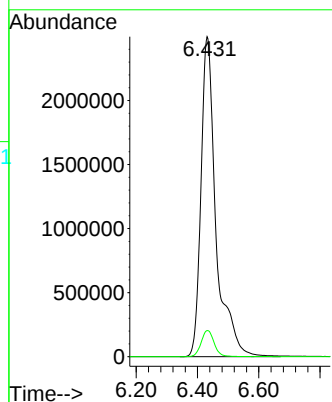
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



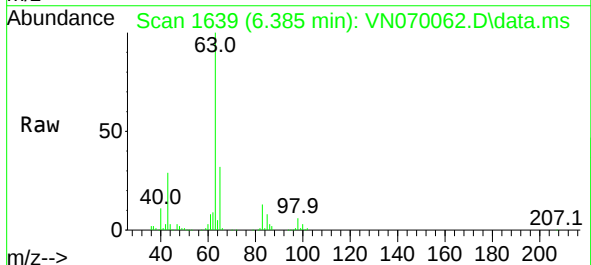
Tgt Ion: 43 Resp: 850224
 Ion Ratio Lower Upper
 43 100
 86 8.1 8.5 12.7

Manual Integrations
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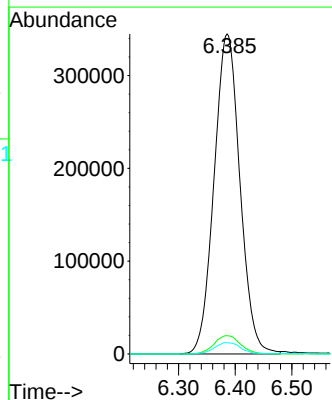
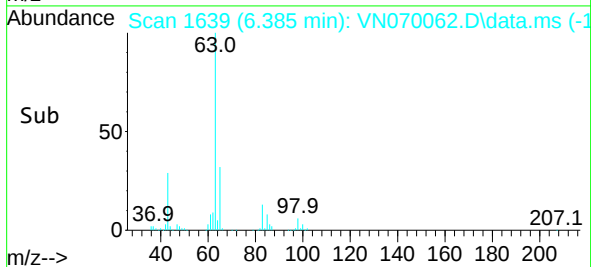
Reviewed By :John Carlone 12/15/2021
 Supervised By :Mahesh Dadoda 12/21/2021

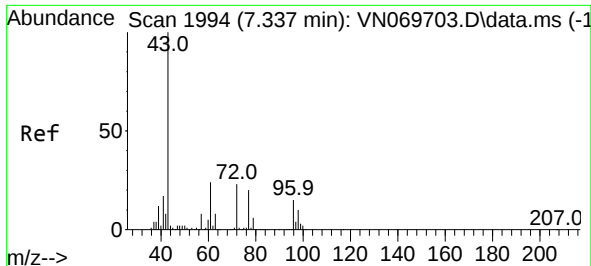


#24
 1,1-Dichloroethane
 Concen: 54.597 ug/l
 RT: 6.385 min Scan# 1639
 Delta R.T. -0.002 min
 Lab File: VN070062.D
 Acq: 14 Dec 2021 10:21



Tgt Ion: 63 Resp: 1095274
 Ion Ratio Lower Upper
 63 100
 98 5.7 3.3 9.9
 100 3.5 2.1 6.5





#25

2-Butanone

Concen: 250.113 ug/l

RT: 7.335 min Scan# 1994

Delta R.T. -0.002 min

Lab File: VN070062.D

Acq: 14 Dec 2021 10:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 291360

Ion Ratio Lower Upper

43 100

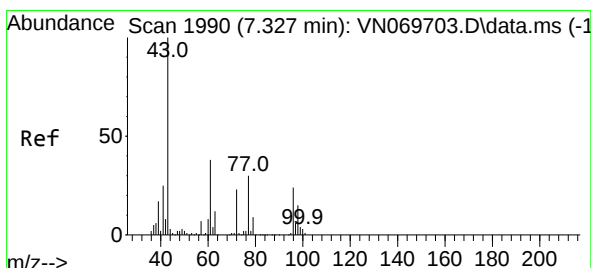
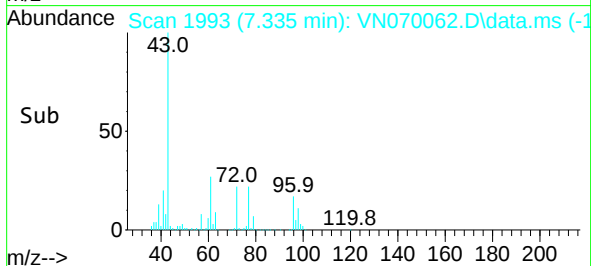
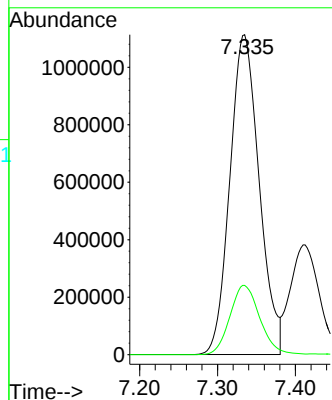
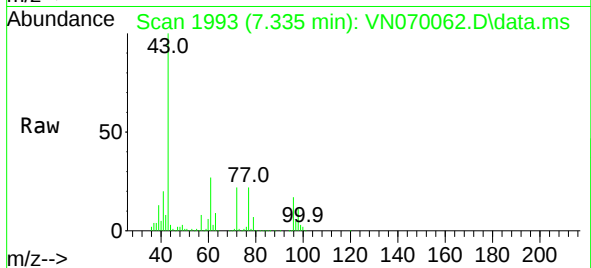
72 21.7 21.7 32.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2021

Supervised By :Mahesh Dadoda 12/21/2021



#26

2,2-Dichloropropane

Concen: 54.602 ug/l

RT: 7.324 min Scan# 1989

Delta R.T. -0.002 min

Lab File: VN070062.D

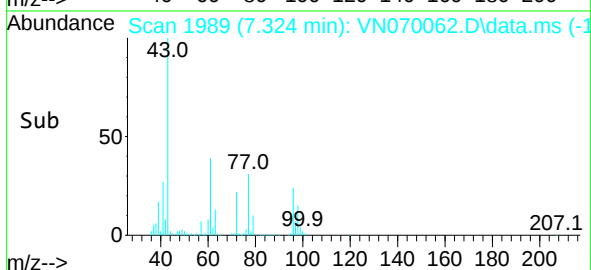
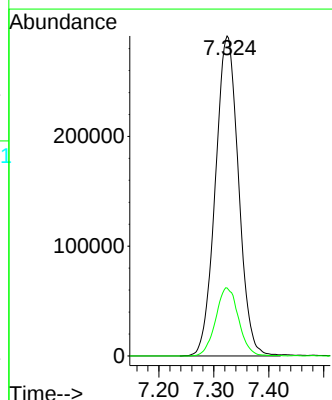
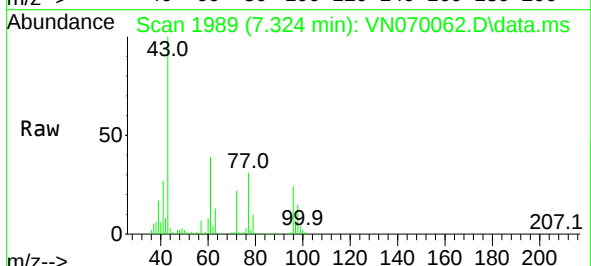
Acq: 14 Dec 2021 10:21

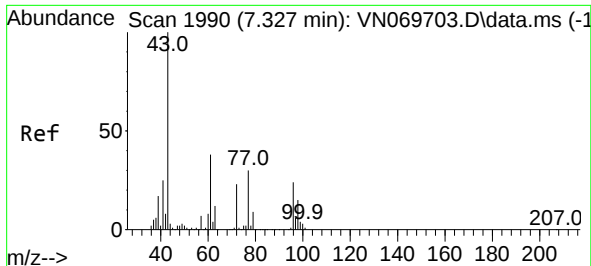
Tgt Ion: 77 Resp: 851673

Ion Ratio Lower Upper

77 100

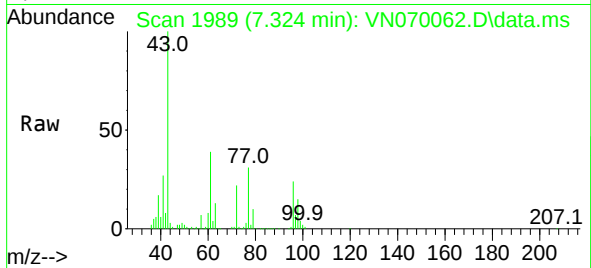
97 21.1 11.6 34.8





#27
 cis-1,2-Dichloroethene
 Concen: 52.450 ug/l
 RT: 7.324 min Scan# 1989
 Delta R.T. -0.002 min
 Lab File: VN070062.D
 Acq: 14 Dec 2021 10:21

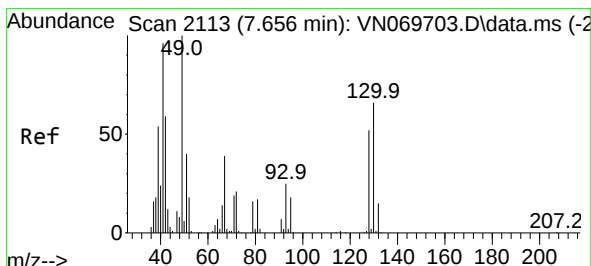
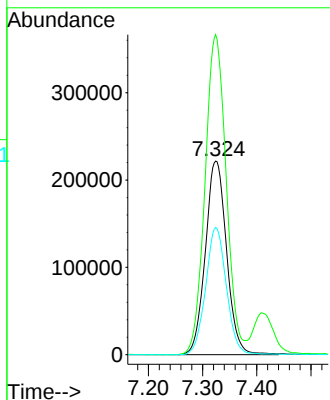
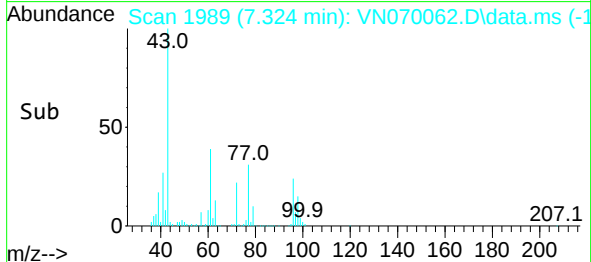
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 60520
 Ion Ratio Lower Upper
 96 100
 61 164.1 0.0 275.0
 98 64.0 0.0 129.6

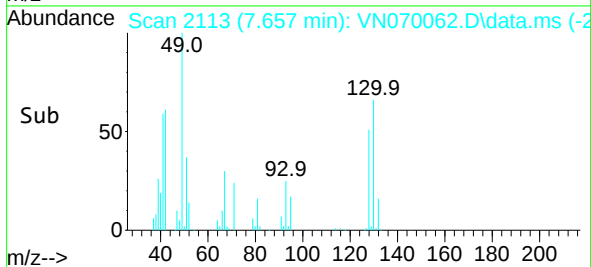
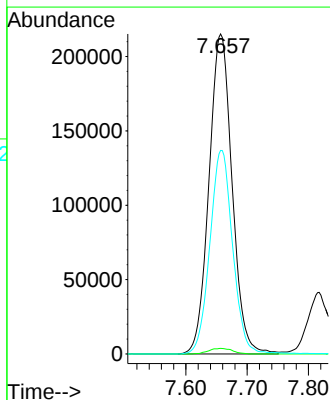
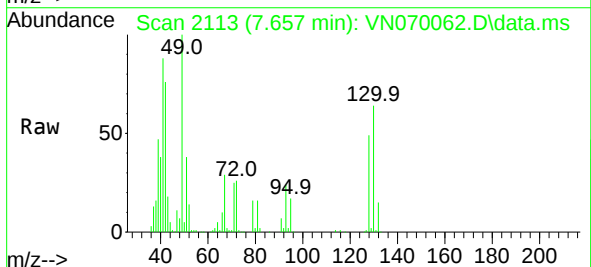
Manual Integrations
 APPROVED

Reviewed By :John Carlone 12/15/2021
 Supervised By :Mahesh Dadoda 12/21/2021



#28
 Bromochloromethane
 Concen: 54.022 ug/l
 RT: 7.657 min Scan# 2113
 Delta R.T. 0.000 min
 Lab File: VN070062.D
 Acq: 14 Dec 2021 10:21

Tgt Ion: 49 Resp: 563565
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 4.0
 130 62.6 67.8 101.8#





#29

Tetrahydrofuran

Concen: 235.635 ug/l

RT: 7.683 min Scan# 2124

Delta R.T. -0.002 min

Lab File: VN070062.D

Acq: 14 Dec 2021 10:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 166680

Ion Ratio Lower Upper

42 100

72 36.0 36.3 54.5

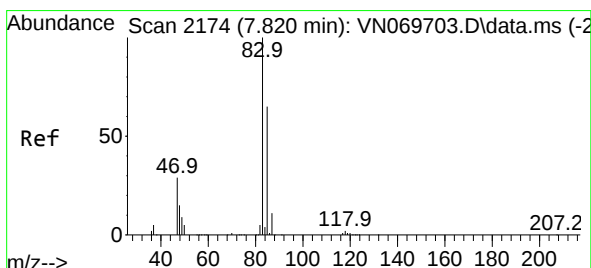
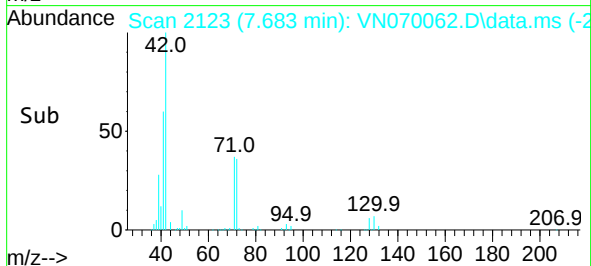
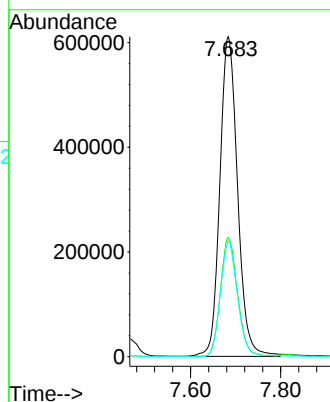
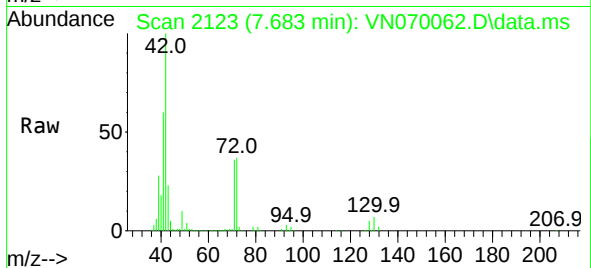
71 34.8 34.7 52.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2021

Supervised By :Mahesh Dadoda 12/21/2021



#30

Chloroform

Concen: 53.953 ug/l

RT: 7.815 min Scan# 2172

Delta R.T. -0.005 min

Lab File: VN070062.D

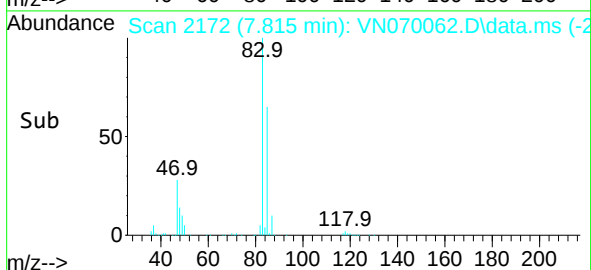
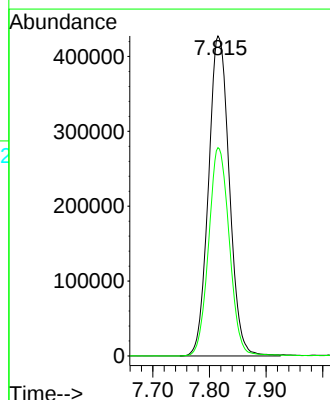
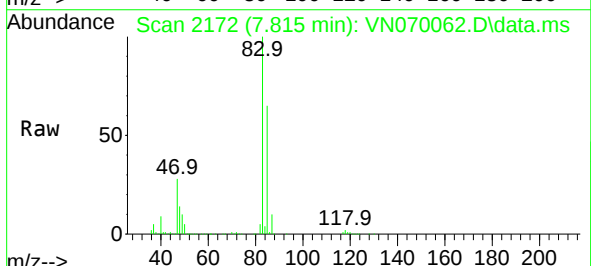
Acq: 14 Dec 2021 10:21

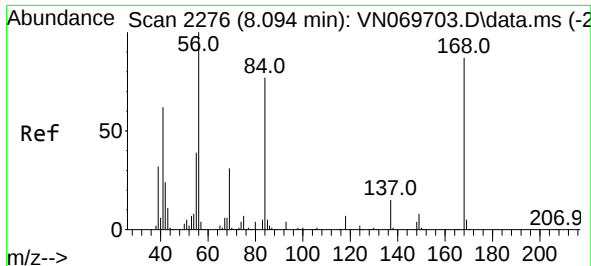
Tgt Ion: 83 Resp: 1093115

Ion Ratio Lower Upper

83 100

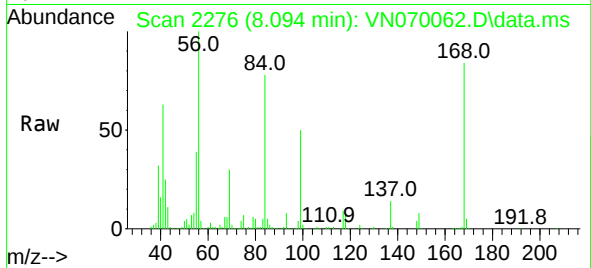
85 65.1 51.9 77.9





#31
Cyclohexane
Concen: 50.758 ug/l
RT: 8.094 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN070062.D
Acq: 14 Dec 2021 10:21

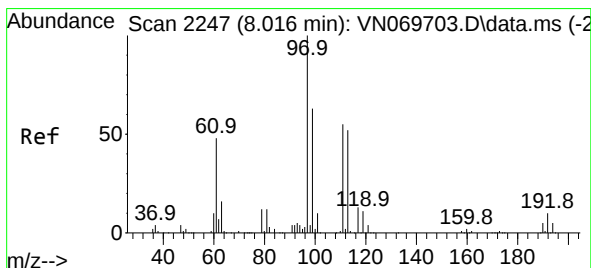
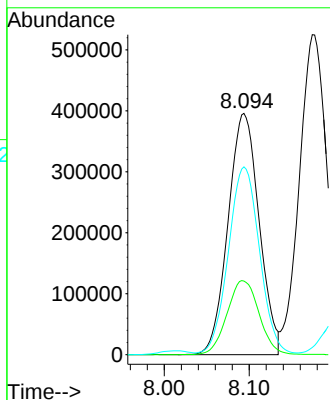
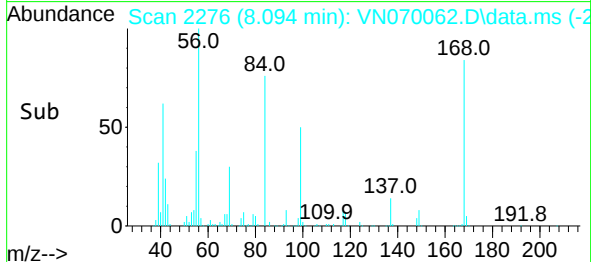
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 100677
Ion Ratio Lower Upper
56 100
69 30.5 27.1 40.7
84 76.2 73.4 110.0

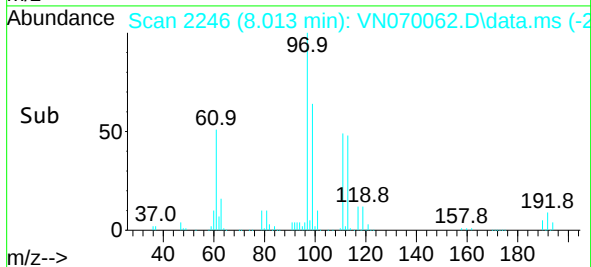
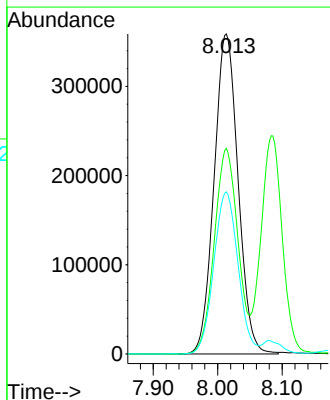
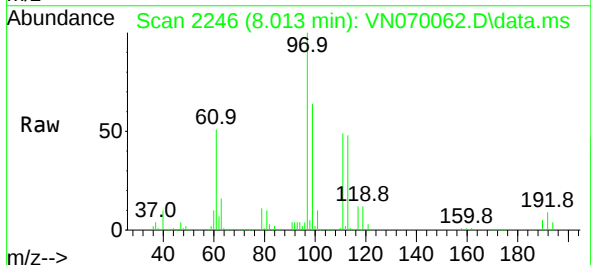
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021



#32
1,1,1-Trichloroethane
Concen: 53.769 ug/l
RT: 8.013 min Scan# 2246
Delta R.T. -0.002 min
Lab File: VN070062.D
Acq: 14 Dec 2021 10:21

Tgt Ion: 97 Resp: 927948
Ion Ratio Lower Upper
97 100
99 62.6 50.1 75.1
61 51.3 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 46.421 ug/l

RT: 8.437 min Scan# 2404

Delta R.T. 0.000 min

Lab File: VN070062.D

Acq: 14 Dec 2021 10:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 66163

Ion Ratio Lower Upper

65 100

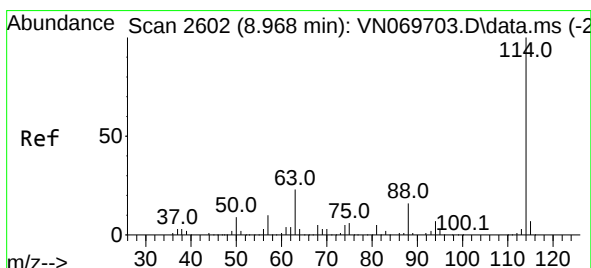
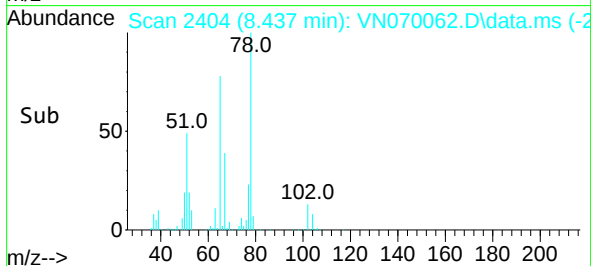
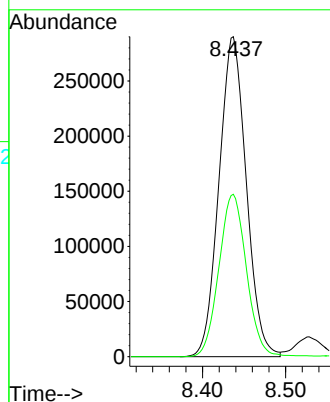
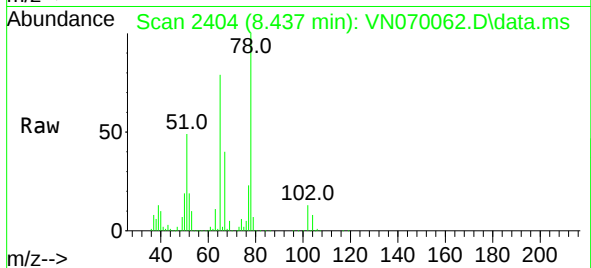
67 51.3 0.0 103.0

Manual Integrations

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Reviewed By :John Carlone 12/15/2021

Supervised By :Mahesh Dadoda 12/21/2021



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.965 min Scan# 2601

Delta R.T. -0.003 min

Lab File: VN070062.D

Acq: 14 Dec 2021 10:21

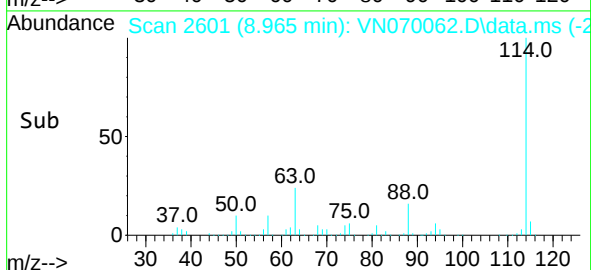
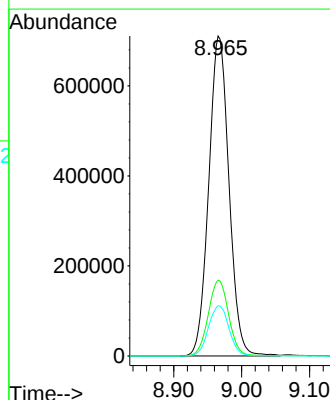
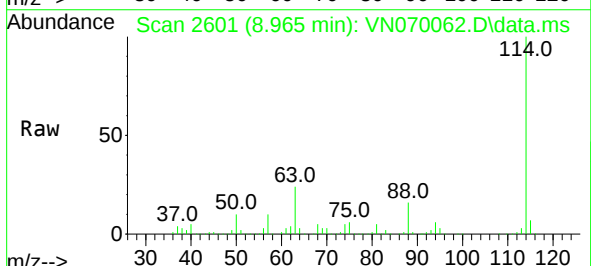
Tgt Ion:114 Resp: 1471006

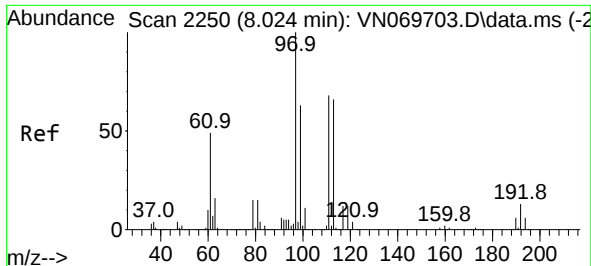
Ion Ratio Lower Upper

114 100

63 23.7 0.0 37.8

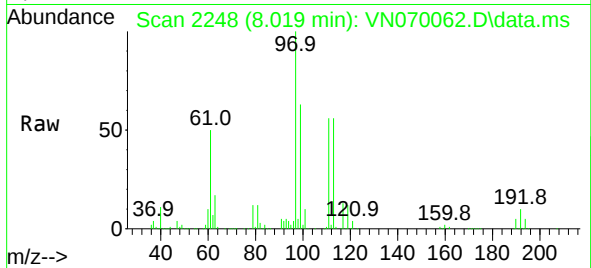
88 15.7 0.0 27.4





#35
Dibromofluoromethane
Concen: 50.404 ug/l
RT: 8.019 min Scan# 21
Delta R.T. -0.005 min
Lab File: VN070062.D
Acq: 14 Dec 2021 10:21

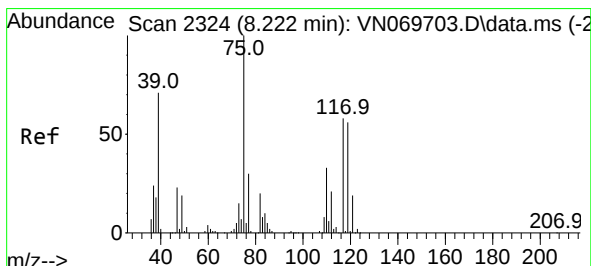
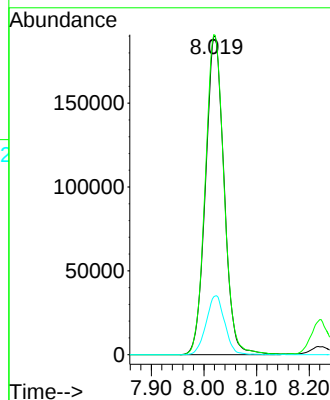
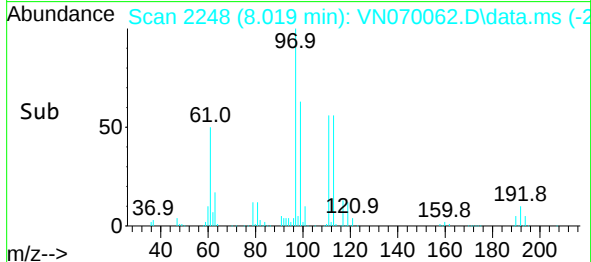
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



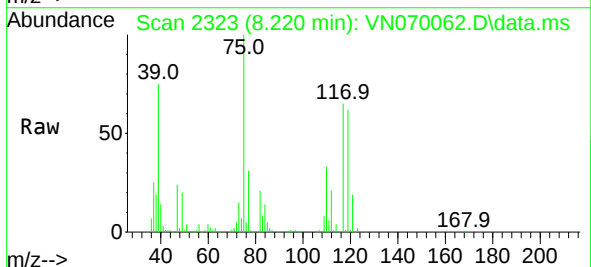
Tgt Ion: 113 Resp: 464420
Ion Ratio Lower Upper
113 100
111 101.6 82.2 123.2
192 18.5 16.9 25.3

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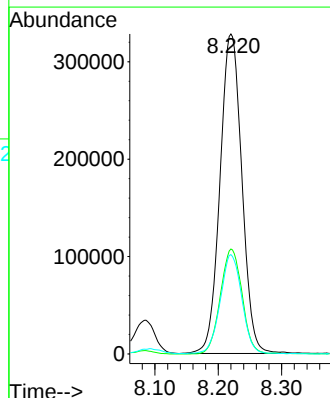
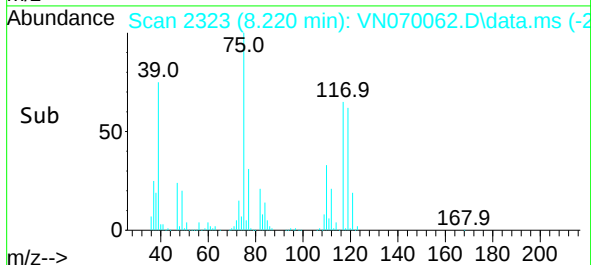
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021

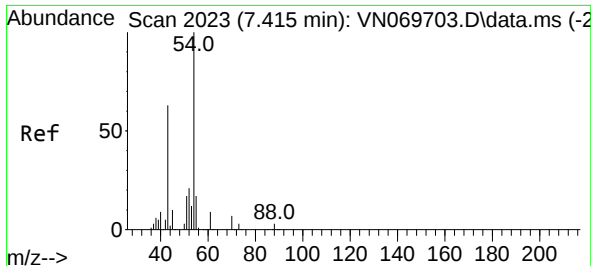


#36
1,1-Dichloropropene
Concen: 56.131 ug/l
RT: 8.220 min Scan# 2323
Delta R.T. -0.002 min
Lab File: VN070062.D
Acq: 14 Dec 2021 10:21



Tgt Ion: 75 Resp: 786038
Ion Ratio Lower Upper
75 100
110 32.7 18.4 55.2
77 30.7 24.4 36.6





#37

Ethyl Acetate

Concen: 47.759 ug/l

RT: 7.413 min Scan# 20

Delta R.T. -0.002 min

Lab File: VN070062.D

Acq: 14 Dec 2021 10:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 99540

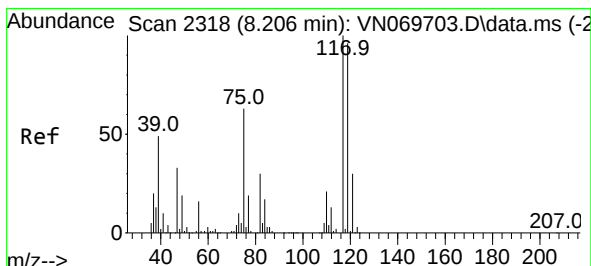
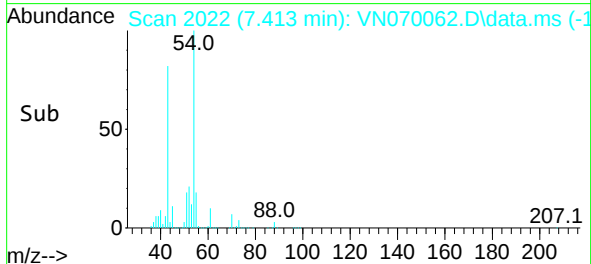
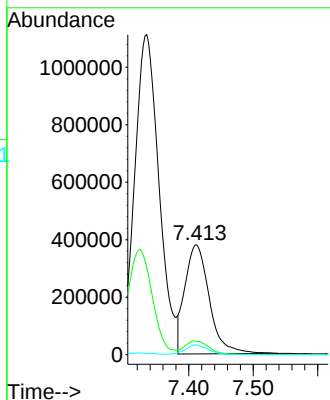
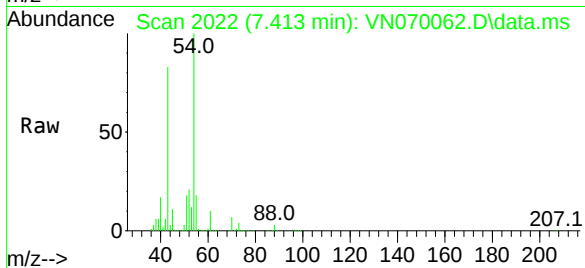
Ion	Ratio	Lower	Upper
43	100		
61	12.0	11.5	17.3
70	8.4	7.9	11.9

Manual Integrations

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Reviewed By :John Carlone 12/15/2021

Supervised By :Mahesh Dadoda 12/21/2021



#38

Carbon Tetrachloride

Concen: 58.844 ug/l

RT: 8.204 min Scan# 2317

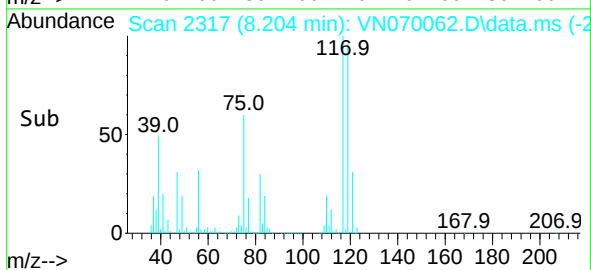
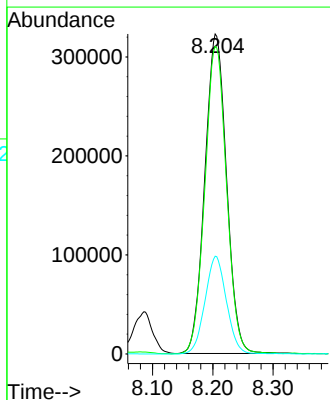
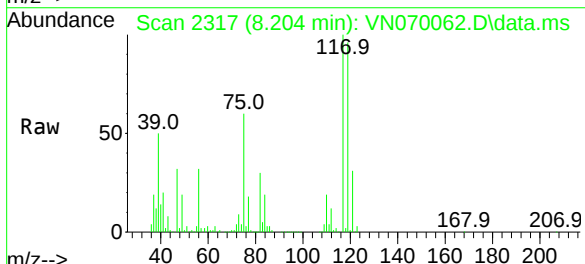
Delta R.T. -0.002 min

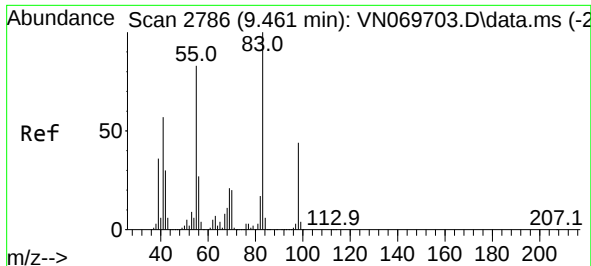
Lab File: VN070062.D

Acq: 14 Dec 2021 10:21

Tgt Ion: 117 Resp: 808051

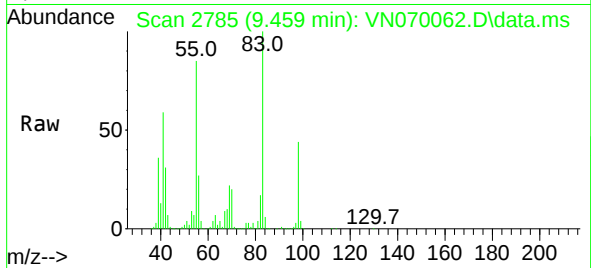
Ion	Ratio	Lower	Upper
117	100		
119	96.2	76.1	114.1
121	30.6	24.2	36.2





#39
Methylcyclohexane
Concen: 56.483 ug/l
RT: 9.459 min Scan# 21
Delta R.T. -0.002 min
Lab File: VN070062.D
Acq: 14 Dec 2021 10:21

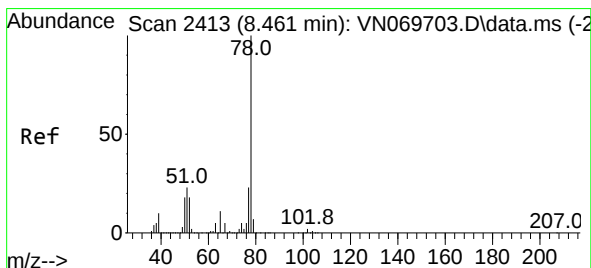
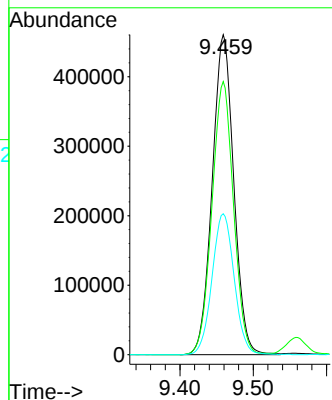
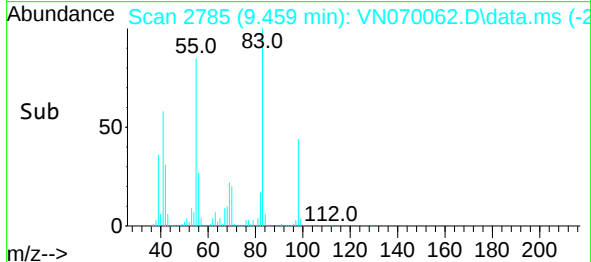
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 94082
Ion Ratio Lower Upper
83 100
55 85.4 58.1 87.1
98 44.0 38.4 57.6

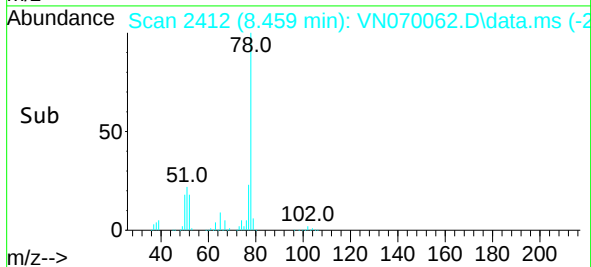
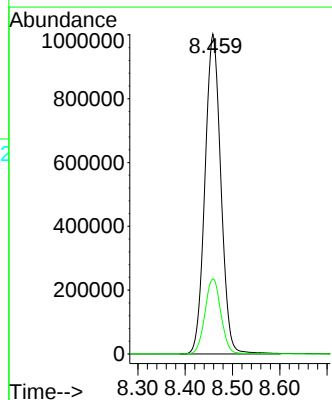
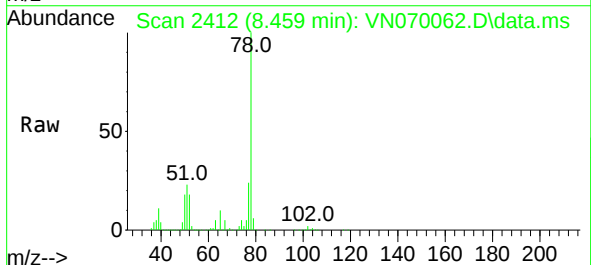
Manual Integrations
APPROVED

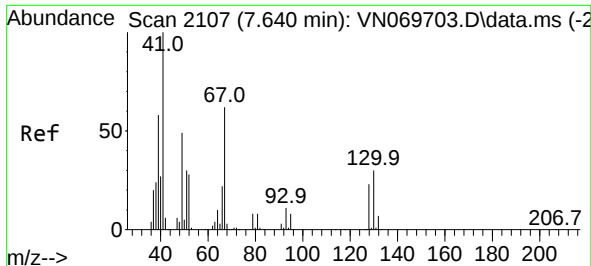
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021



#40
Benzene
Concen: 54.785 ug/l
RT: 8.459 min Scan# 2412
Delta R.T. -0.002 min
Lab File: VN070062.D
Acq: 14 Dec 2021 10:21

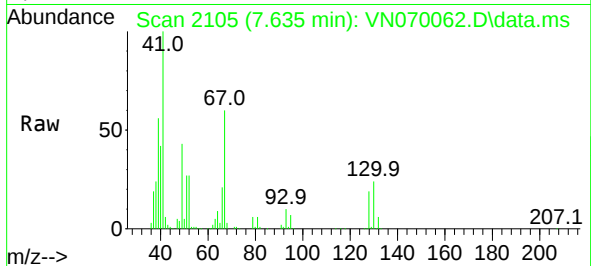
Tgt Ion: 78 Resp: 2344986
Ion Ratio Lower Upper
78 100
77 23.5 18.6 27.8





#41
Methacrylonitrile
Concen: 55.215 ug/l
RT: 7.635 min Scan# 2107
Delta R.T. -0.005 min
Lab File: VN070062.D
Acq: 14 Dec 2021 10:21

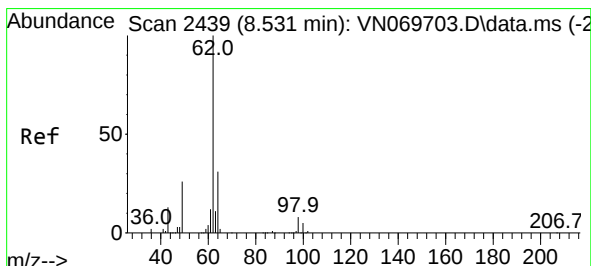
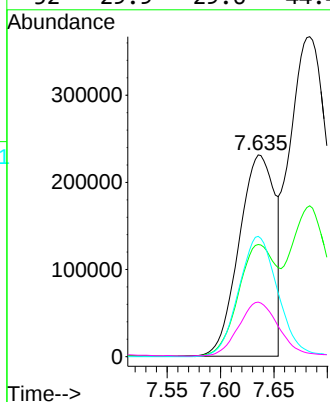
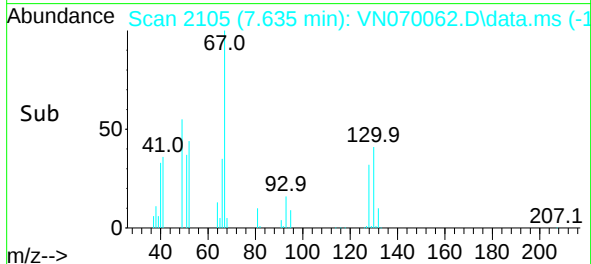
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 540225
Ion Ratio Lower Upper
41 100
39 59.6 48.1 72.1
67 65.7 68.3 102.5
52 29.9 29.6 44.4

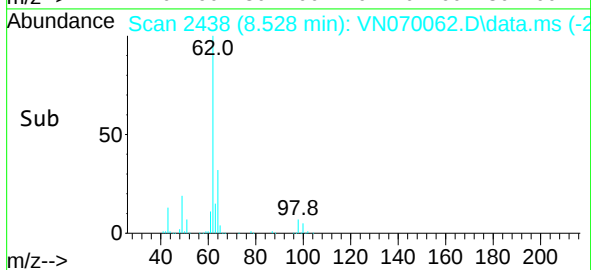
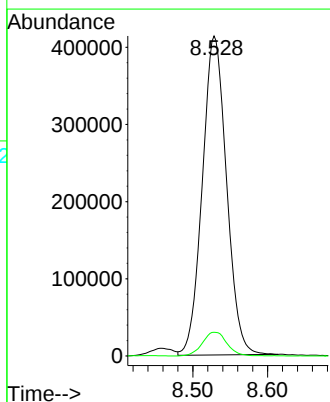
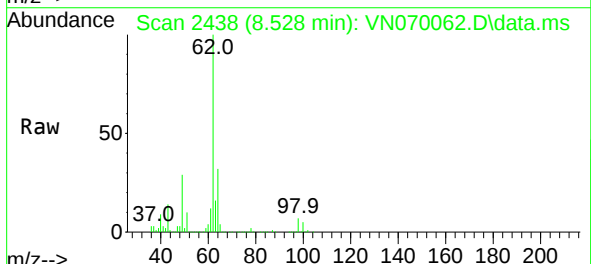
Manual Integrations
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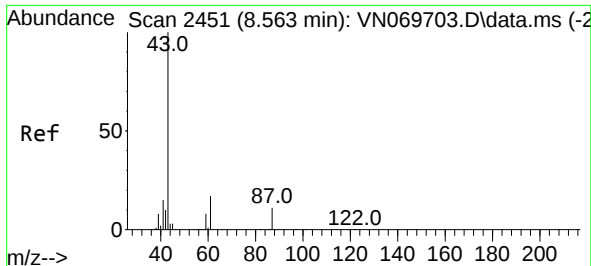
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021



#42
1,2-Dichloroethane
Concen: 53.863 ug/l
RT: 8.528 min Scan# 2438
Delta R.T. -0.002 min
Lab File: VN070062.D
Acq: 14 Dec 2021 10:21

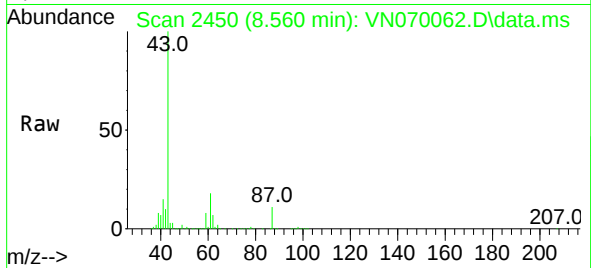
Tgt Ion: 62 Resp: 930696
Ion Ratio Lower Upper
62 100
98 7.6 0.0 17.6





#43
Isopropyl Acetate
Concen: 51.437 ug/l
RT: 8.560 min Scan# 2451
Delta R.T. -0.002 min
Lab File: VN070062.D
Acq: 14 Dec 2021 10:21

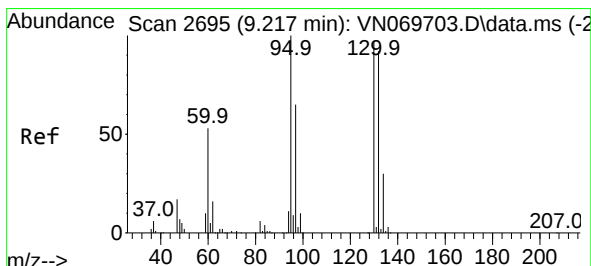
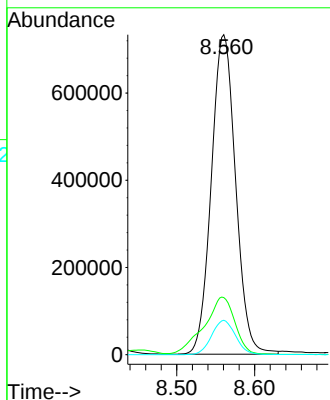
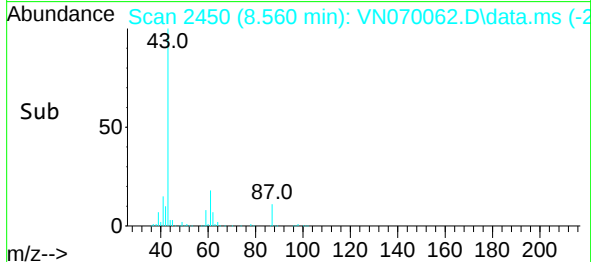
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 1586479
Ion Ratio Lower Upper
43 100
61 22.9 20.4 30.6
87 10.6 11.2 16.8

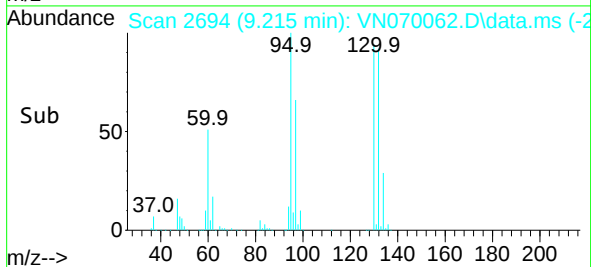
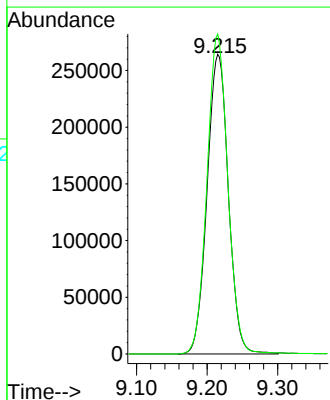
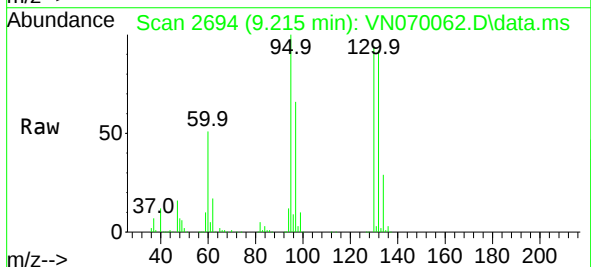
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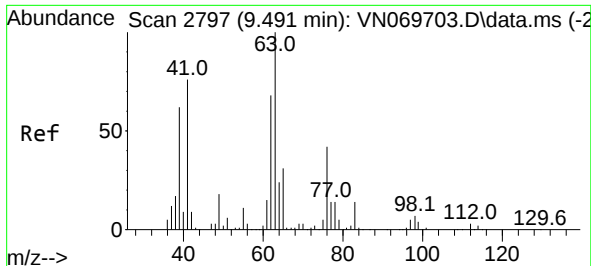
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021



#44
Trichloroethene
Concen: 54.252 ug/l
RT: 9.215 min Scan# 2694
Delta R.T. -0.002 min
Lab File: VN070062.D
Acq: 14 Dec 2021 10:21

Tgt Ion:130 Resp: 554253
Ion Ratio Lower Upper
130 100
95 106.8 0.0 191.2





#45

1,2-Dichloropropane

Concen: 57.053 ug/l

RT: 9.488 min Scan# 21

Delta R.T. -0.002 min

Lab File: VN070062.D

Acq: 14 Dec 2021 10:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 65578

Ion Ratio Lower Upper

63 100

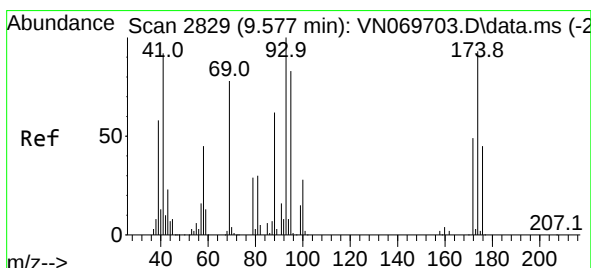
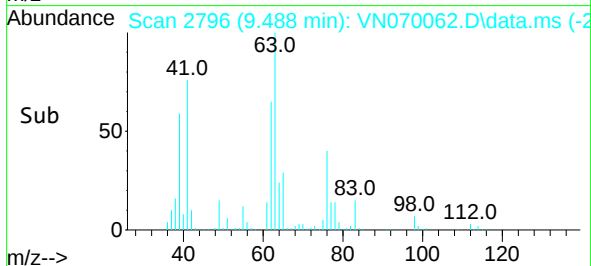
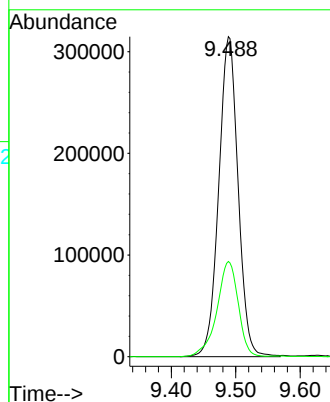
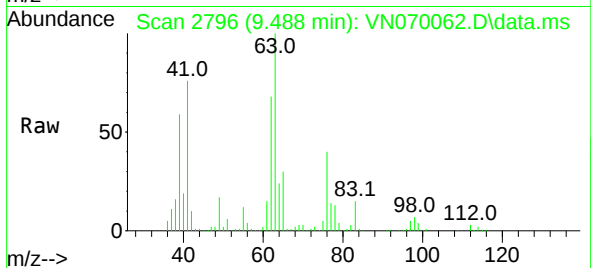
65 29.7 24.7 37.1

Manual Integrations

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Reviewed By :John Carlone 12/15/2021

Supervised By :Mahesh Dadoda 12/21/2021



#46

Dibromomethane

Concen: 55.117 ug/l

RT: 9.574 min Scan# 2828

Delta R.T. -0.002 min

Lab File: VN070062.D

Acq: 14 Dec 2021 10:21

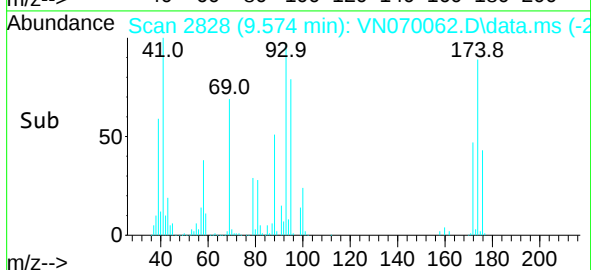
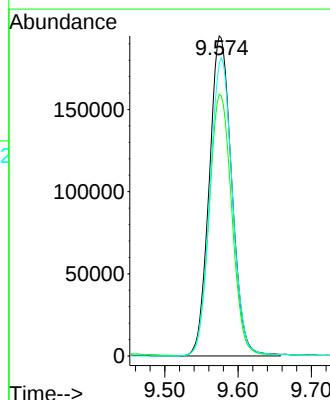
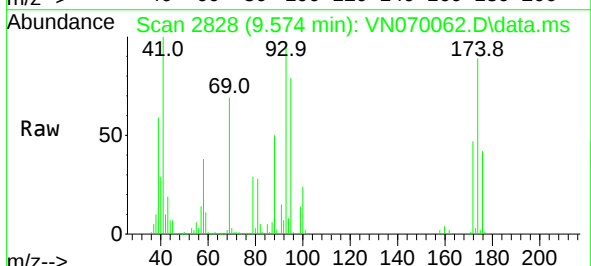
Tgt Ion: 93 Resp: 415486

Ion Ratio Lower Upper

93 100

95 81.9 65.9 98.9

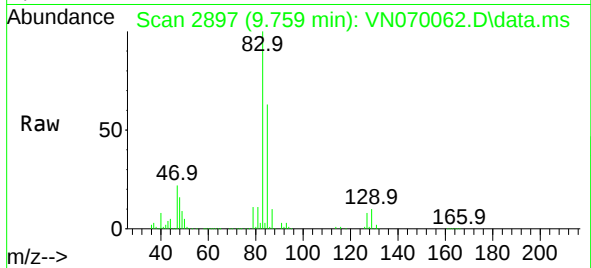
174 92.8 84.6 127.0





#47
Bromodichloromethane
Concen: 63.147 ug/l
RT: 9.759 min Scan# 2897
Delta R.T. -0.002 min
Lab File: VN070062.D
Acq: 14 Dec 2021 10:21

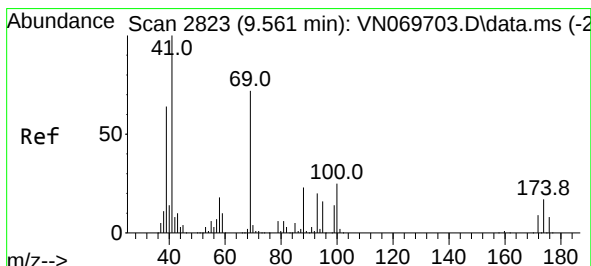
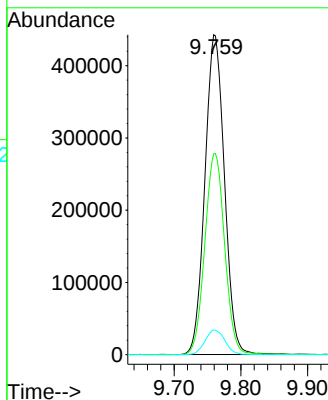
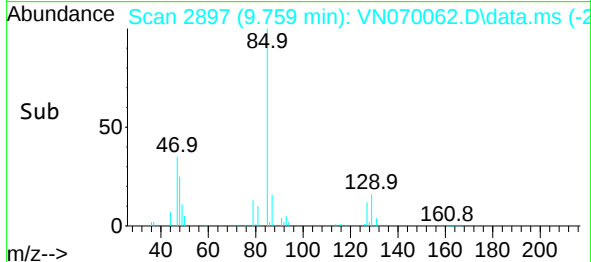
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 90128
Ion Ratio Lower Upper
83 100
85 62.8 50.9 76.3
127 7.8 7.1 10.7

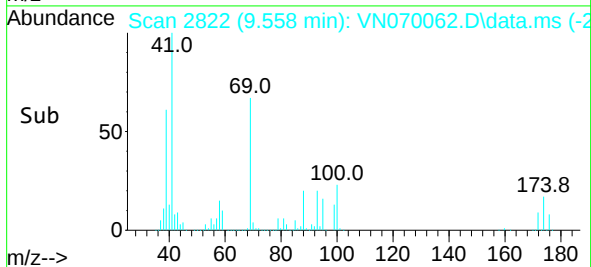
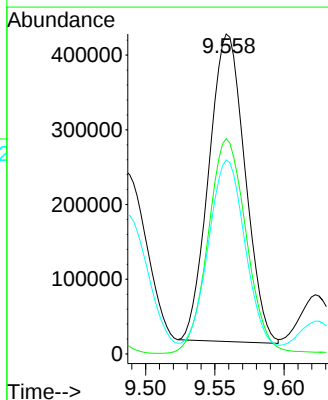
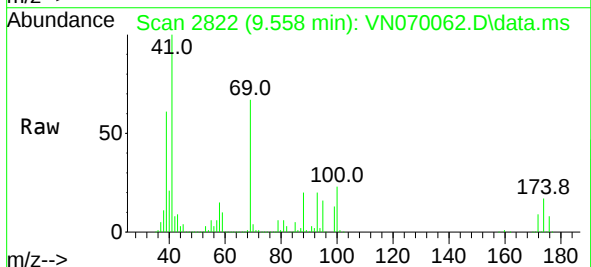
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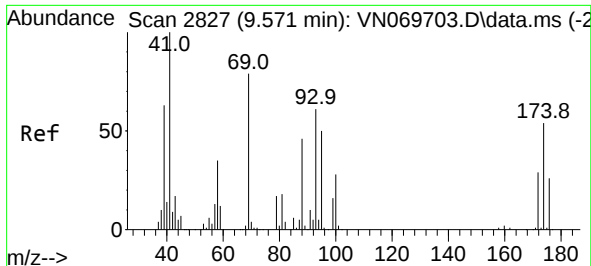
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021



#48
Methyl methacrylate
Concen: 51.889 ug/l
RT: 9.558 min Scan# 2822
Delta R.T. -0.003 min
Lab File: VN070062.D
Acq: 14 Dec 2021 10:21

Tgt Ion: 41 Resp: 746888
Ion Ratio Lower Upper
41 100
69 74.3 72.4 108.6
39 60.6 58.4 87.6





#49

1,4-Dioxane

Concen: 934.644 ug/l

RT: 9.569 min Scan# 2827

Delta R.T. -0.002 min

Lab File: VN070062.D

Acq: 14 Dec 2021 10:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 24139

Ion Ratio Lower Upper

88 100

43 38.4 23.4 35.2

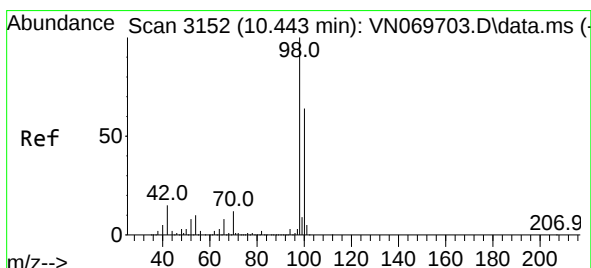
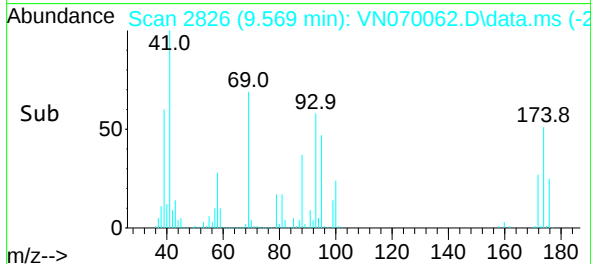
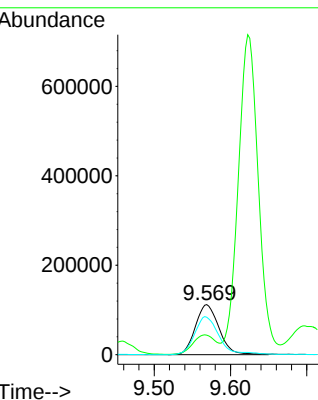
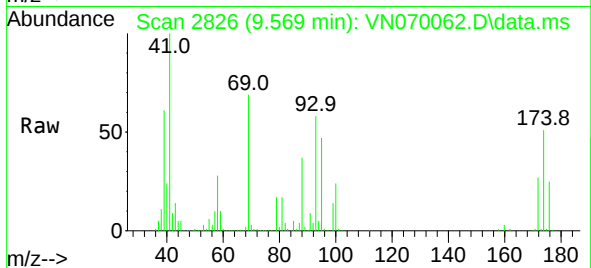
58 79.0 50.6 75.8

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Reviewed By :John Carlone 12/15/2021

Supervised By :Mahesh Dadoda 12/21/2021



#50

Toluene-d8

Concen: 48.017 ug/l

RT: 10.441 min Scan# 3151

Delta R.T. -0.002 min

Lab File: VN070062.D

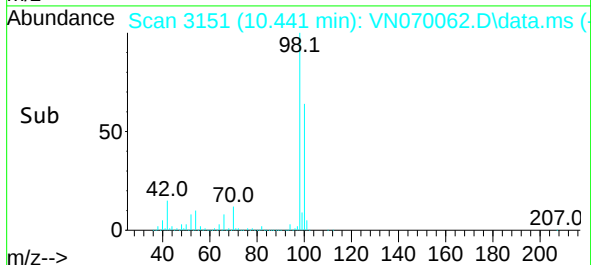
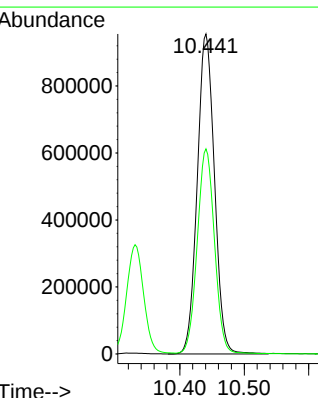
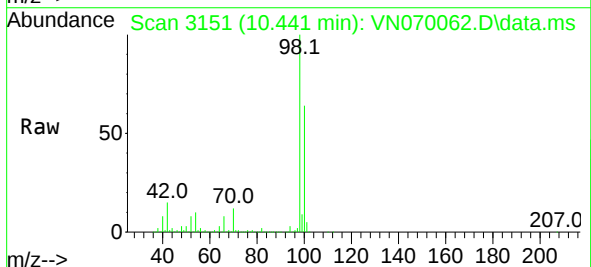
Acq: 14 Dec 2021 10:21

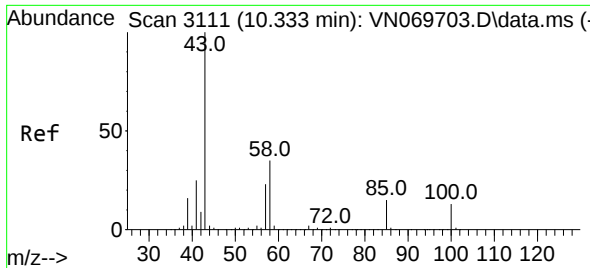
Tgt Ion: 98 Resp: 1776499

Ion Ratio Lower Upper

98 100

100 64.0 50.4 75.6





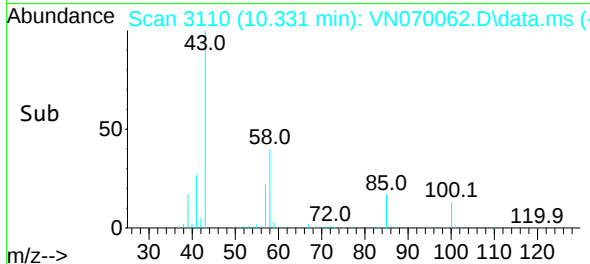
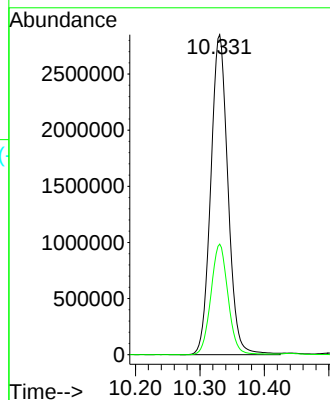
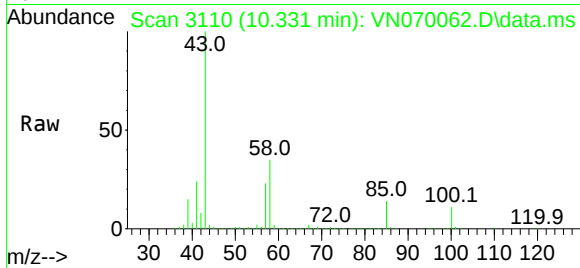
#51
4-Methyl-2-Pentanone
Concen: 263.321 ug/l
RT: 10.331 min Scan# 3111
Delta R.T. -0.002 min
Lab File: VN070062.D
Acq: 14 Dec 2021 10:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 526878
Ion Ratio Lower Upper
43 100
58 34.5 30.4 45.6

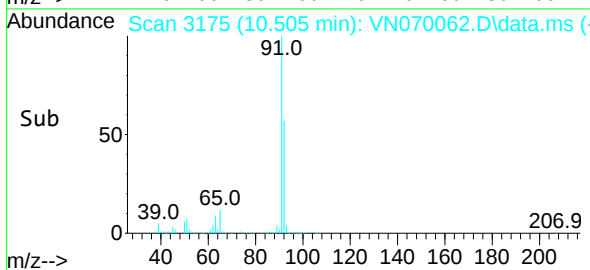
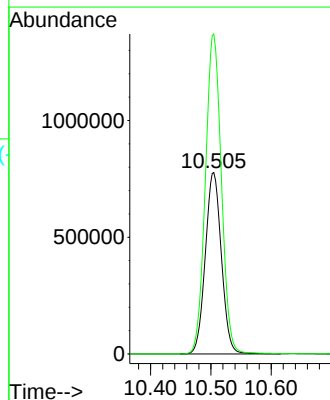
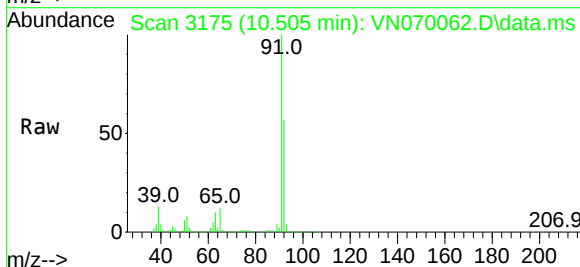
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Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021



#52
Toluene
Concen: 55.026 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.002 min
Lab File: VN070062.D
Acq: 14 Dec 2021 10:21

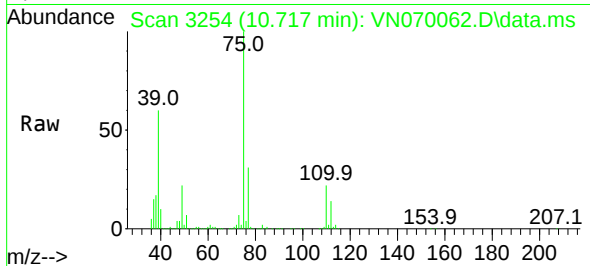
Tgt Ion: 92 Resp: 1437947
Ion Ratio Lower Upper
92 100
91 176.2 142.0 213.0





#53
t-1,3-Dichloropropene
Concen: 52.981 ug/l
RT: 10.717 min Scan# 31
Delta R.T. -0.002 min
Lab File: VN070062.D
Acq: 14 Dec 2021 10:21

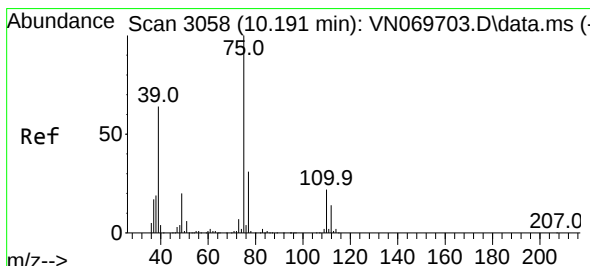
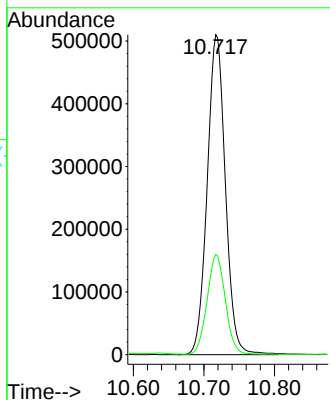
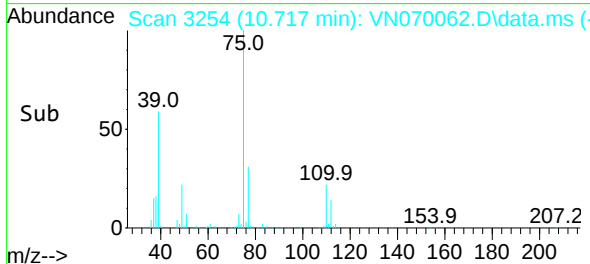
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 912654
Ion Ratio Lower Upper
75 100
77 31.2 25.6 38.4

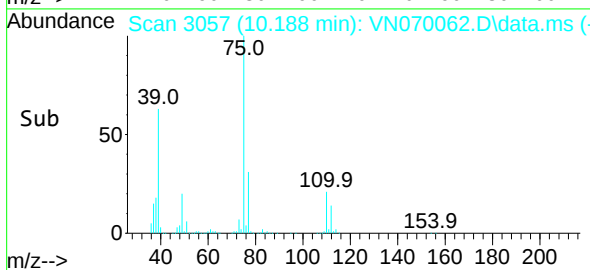
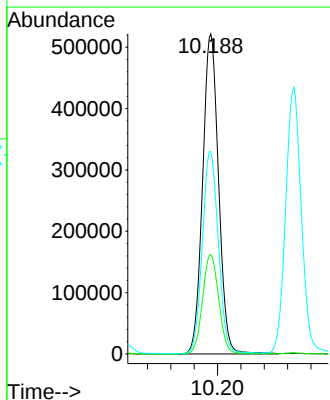
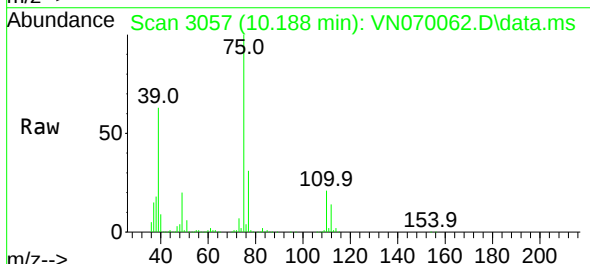
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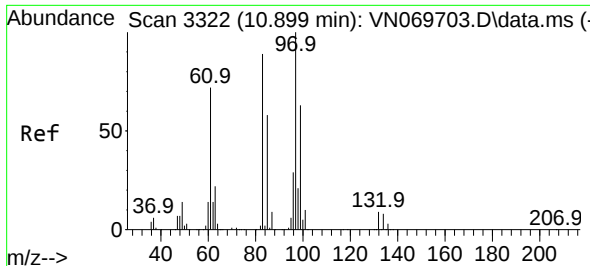
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021



#54
cis-1,3-Dichloropropene
Concen: 54.695 ug/l
RT: 10.188 min Scan# 3057
Delta R.T. -0.003 min
Lab File: VN070062.D
Acq: 14 Dec 2021 10:21

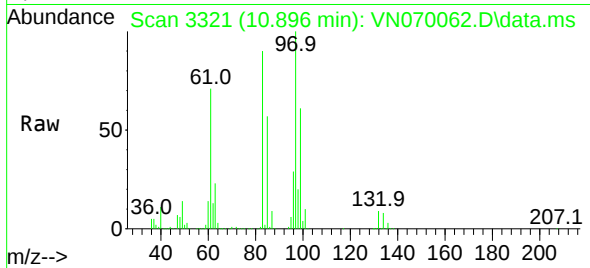
Tgt Ion: 75 Resp: 989067
Ion Ratio Lower Upper
75 100
77 31.0 26.4 39.6
39 63.0 42.5 63.7





#55
1,1,2-Trichloroethane
Concen: 54.576 ug/l
RT: 10.896 min Scan# 31
Delta R.T. -0.002 min
Lab File: VN070062.D
Acq: 14 Dec 2021 10:21

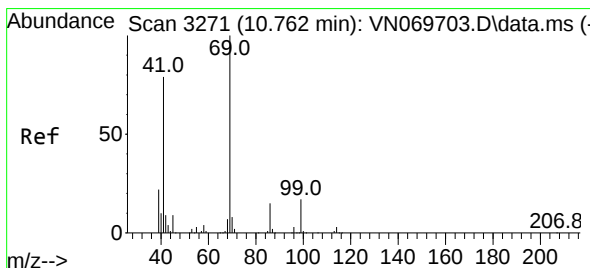
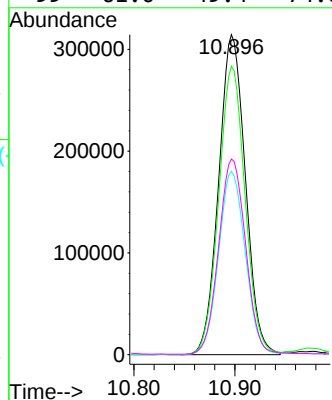
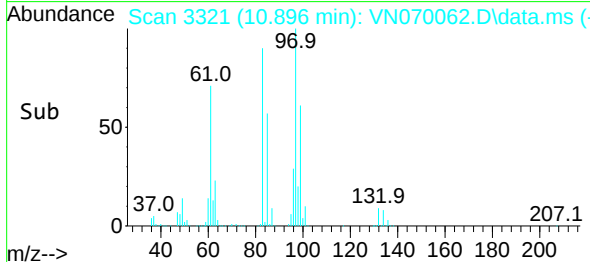
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



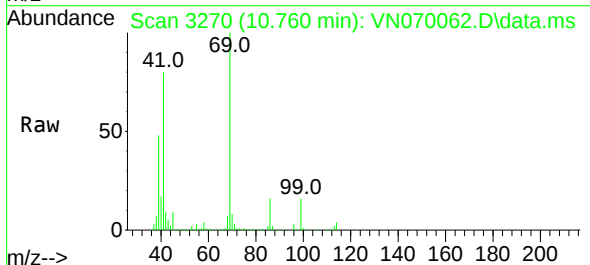
Tgt Ion: 97 Resp: 575439
Ion Ratio Lower Upper
97 100
83 90.1 67.8 101.6
85 57.3 45.4 68.2
99 61.0 49.4 74.0

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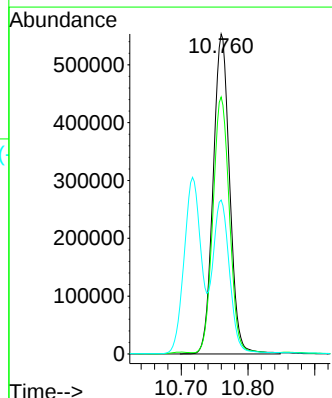
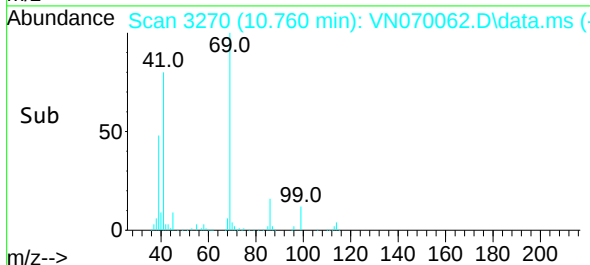
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021



#56
Ethyl methacrylate
Concen: 47.969 ug/l
RT: 10.760 min Scan# 3270
Delta R.T. -0.002 min
Lab File: VN070062.D
Acq: 14 Dec 2021 10:21



Tgt Ion: 69 Resp: 952397
Ion Ratio Lower Upper
69 100
41 79.7 51.4 77.0#
39 46.5 34.6 52.0





#57

1,3-Dichloropropane

Concen: 55.228 ug/l

RT: 11.044 min Scan# 31

Delta R.T. -0.002 min

Lab File: VN070062.D

Acq: 14 Dec 2021 10:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 1025334

Ion Ratio Lower Upper

76 100

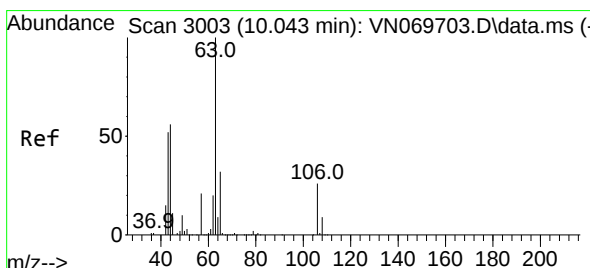
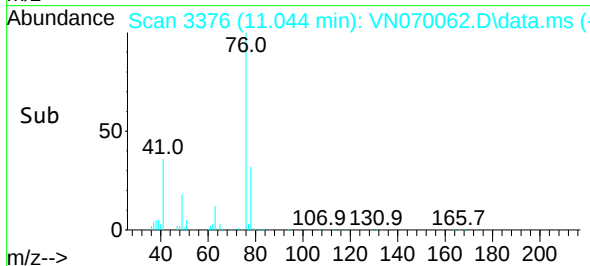
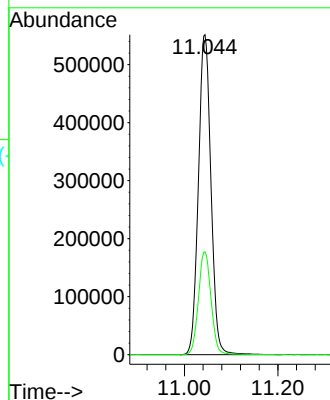
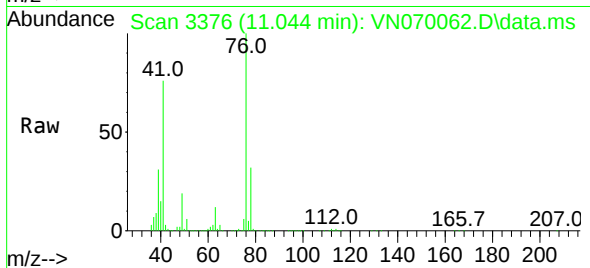
78 32.4 25.7 38.5

Manual Integrations

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Reviewed By :John Carlone 12/15/2021

Supervised By :Mahesh Dadoda 12/21/2021



#58

2-Chloroethyl Vinyl ether

Concen: 219.896 ug/l

RT: 10.041 min Scan# 3002

Delta R.T. -0.002 min

Lab File: VN070062.D

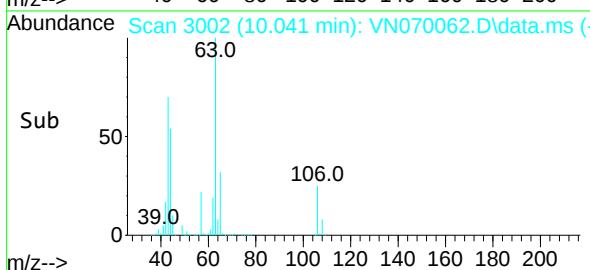
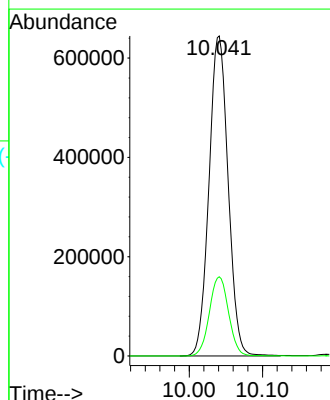
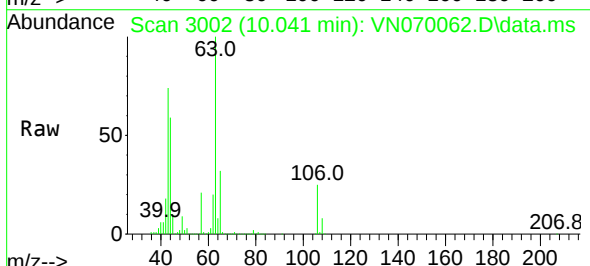
Acq: 14 Dec 2021 10:21

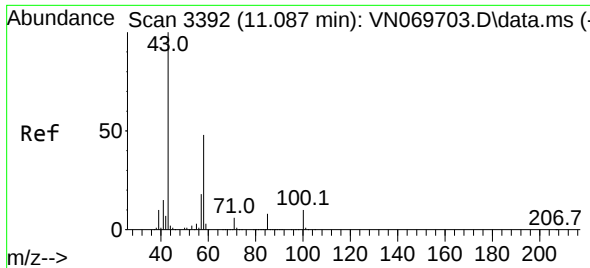
Tgt Ion: 63 Resp: 1168536

Ion Ratio Lower Upper

63 100

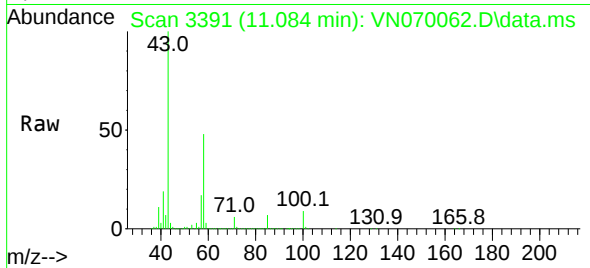
106 24.8 23.9 35.9





#59
2-Hexanone
Concen: 264.080 ug/l
RT: 11.084 min Scan# 3392
Delta R.T. -0.003 min
Lab File: VN070062.D
Acq: 14 Dec 2021 10:21

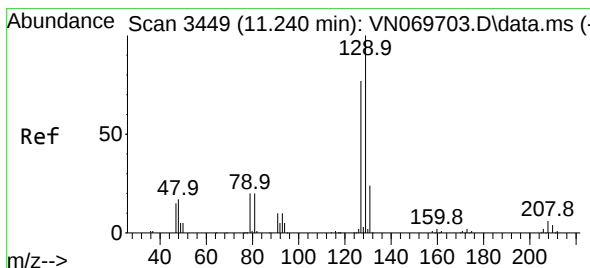
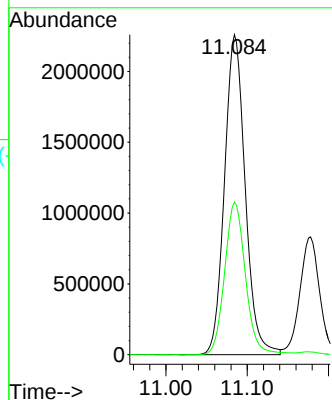
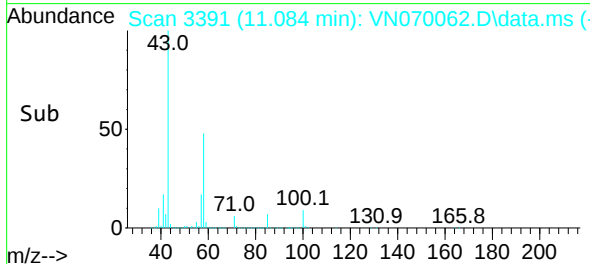
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 399716
Ion Ratio Lower Upper
43 100
58 48.1 26.9 80.7

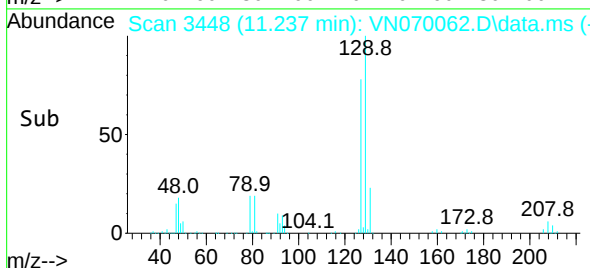
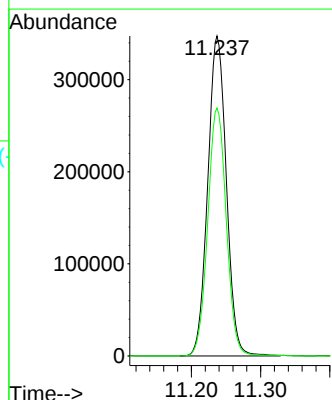
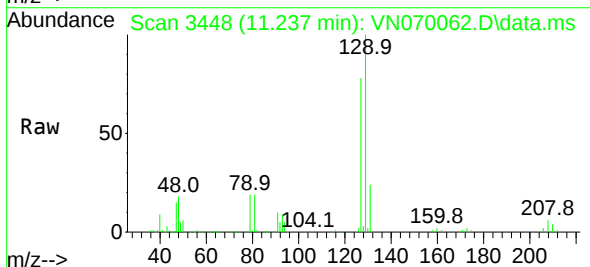
Manual Integrations
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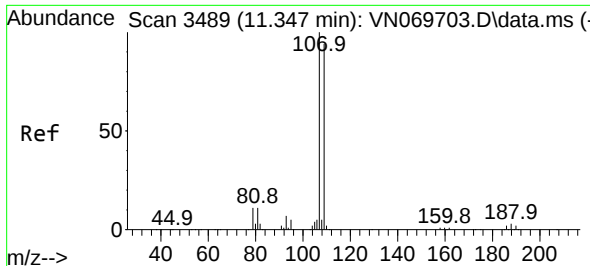
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021



#60
Dibromochloromethane
Concen: 57.014 ug/l
RT: 11.237 min Scan# 3448
Delta R.T. -0.003 min
Lab File: VN070062.D
Acq: 14 Dec 2021 10:21

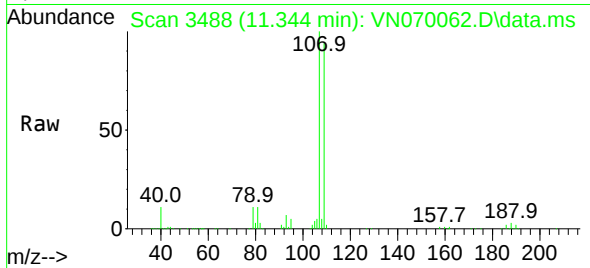
Tgt Ion:129 Resp: 648052
Ion Ratio Lower Upper
129 100
127 77.4 38.6 116.0





#61
1,2-Dibromoethane
Concen: 53.975 ug/l
RT: 11.344 min Scan# 3488
Delta R.T. -0.003 min
Lab File: VN070062.D
Acq: 14 Dec 2021 10:21

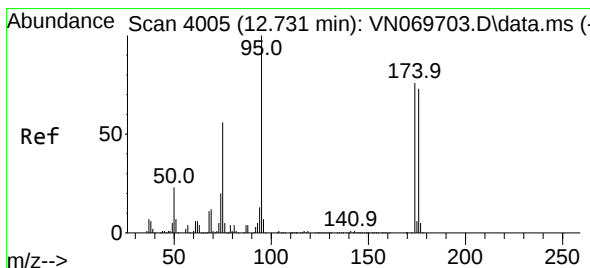
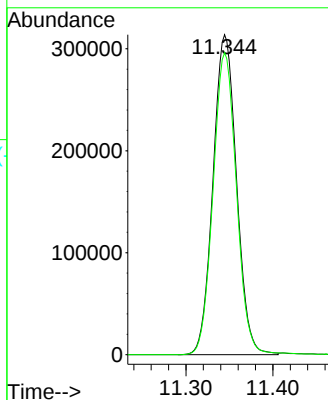
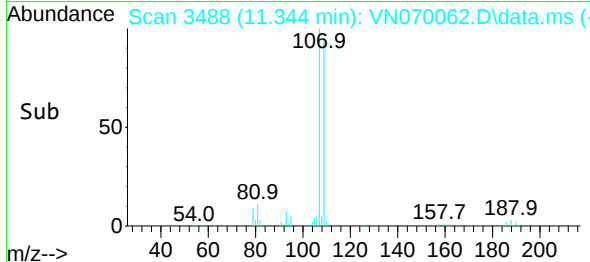
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:107 Resp: 58945
Ion Ratio Lower Upper
107 100
109 94.2 75.7 113.5

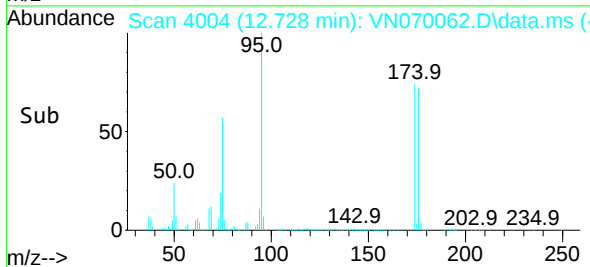
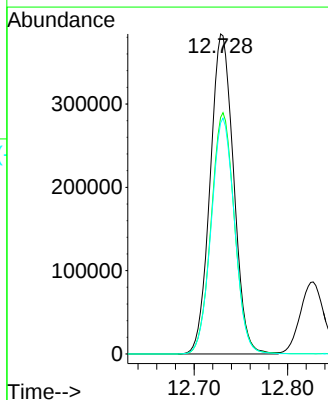
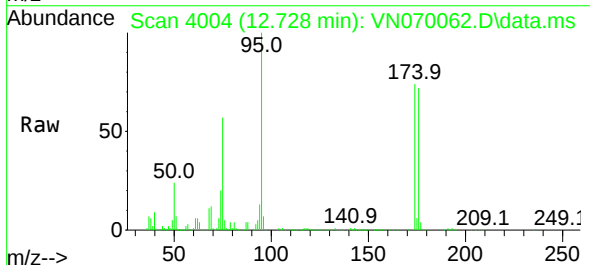
Manual Integrations
APPROVED

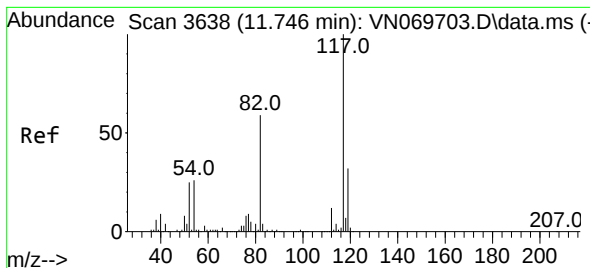
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021



#62
4-Bromofluorobenzene
Concen: 50.075 ug/l
RT: 12.728 min Scan# 4004
Delta R.T. -0.003 min
Lab File: VN070062.D
Acq: 14 Dec 2021 10:21

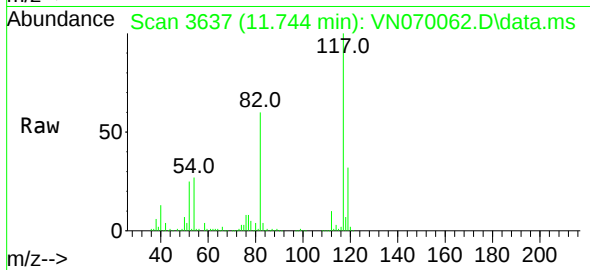
Tgt Ion: 95 Resp: 671182
Ion Ratio Lower Upper
95 100
174 75.1 0.0 187.2
176 73.4 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3638
Delta R.T. -0.002 min
Lab File: VN070062.D
Acq: 14 Dec 2021 10:21

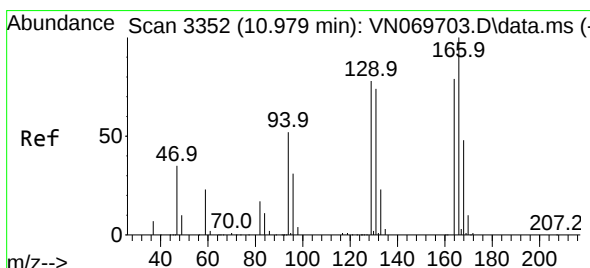
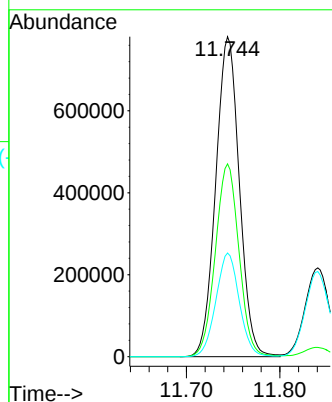
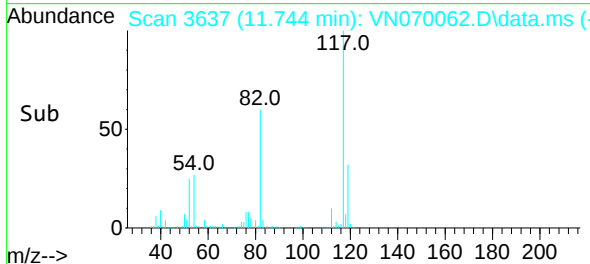
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 137374
Ion Ratio Lower Upper
117 100
82 60.3 42.4 63.6
119 32.4 25.4 38.2

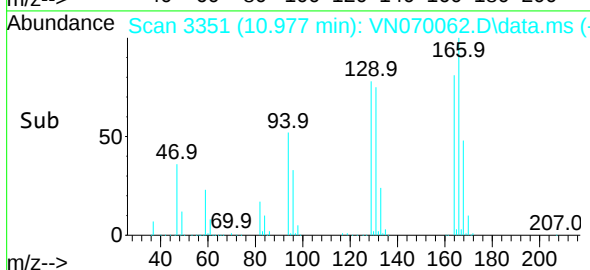
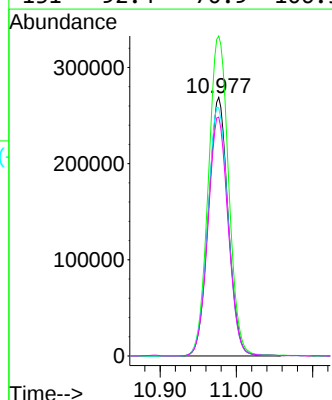
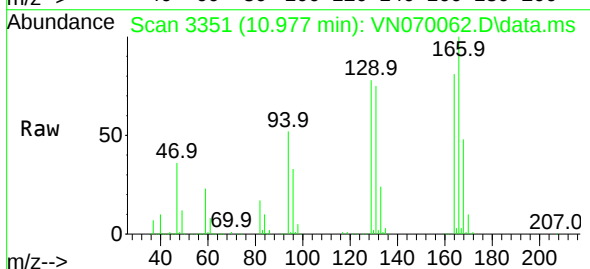
Manual Integrations
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Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021



#64
Tetrachloroethene
Concen: 52.162 ug/l
RT: 10.977 min Scan# 3351
Delta R.T. -0.002 min
Lab File: VN070062.D
Acq: 14 Dec 2021 10:21

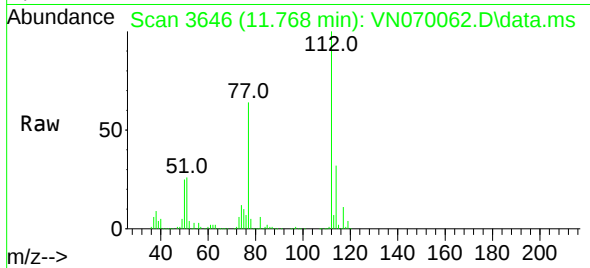
Tgt Ion:164 Resp: 485882
Ion Ratio Lower Upper
164 100
166 123.8 101.9 152.9
129 96.0 72.0 108.0
131 92.4 70.9 106.3





#65
Chlorobenzene
Concen: 54.770 ug/l
RT: 11.768 min Scan# 3646
Delta R.T. -0.003 min
Lab File: VN070062.D
Acq: 14 Dec 2021 10:21

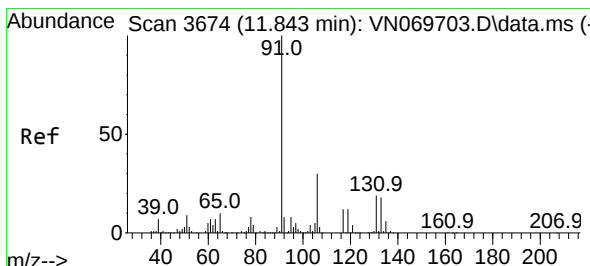
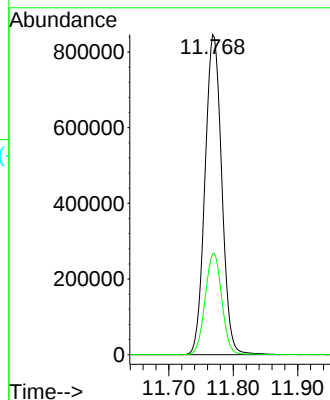
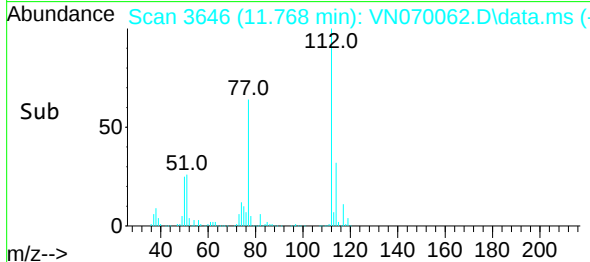
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



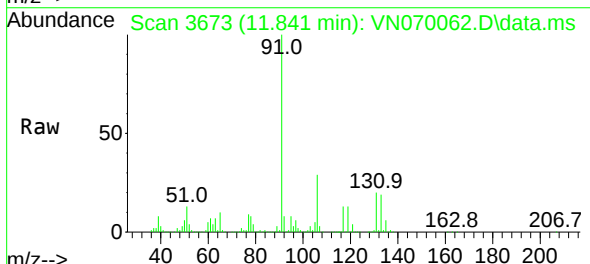
Tgt Ion:112 Resp: 1526384
Ion Ratio Lower Upper
112 100
114 31.6 25.4 38.0

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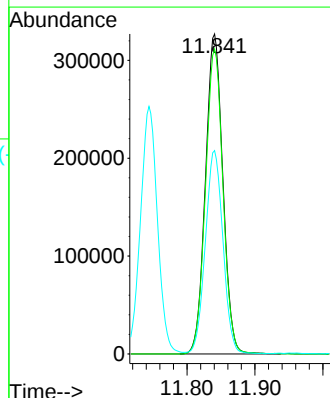
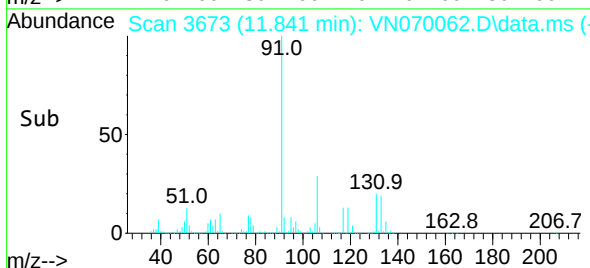
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021



#66
1,1,1,2-Tetrachloroethane
Concen: 59.399 ug/l
RT: 11.841 min Scan# 3673
Delta R.T. -0.002 min
Lab File: VN070062.D
Acq: 14 Dec 2021 10:21



Tgt Ion:131 Resp: 582651
Ion Ratio Lower Upper
131 100
133 95.5 47.9 143.7
119 64.1 32.1 96.5





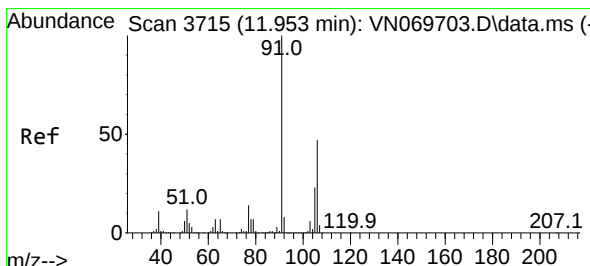
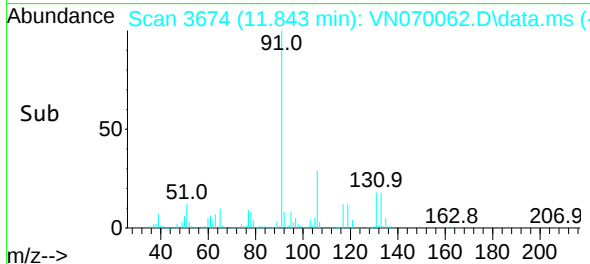
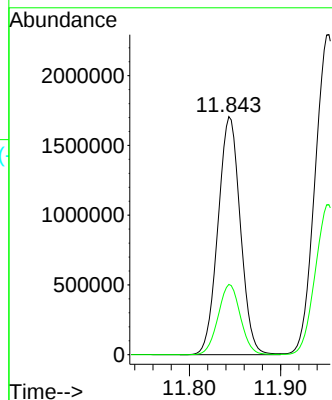
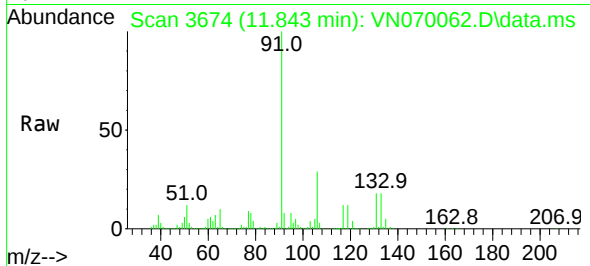
#67
Ethyl Benzene
Concen: 57.355 ug/l
RT: 11.843 min Scan# 3675
Delta R.T. -0.002 min
Lab File: VN070062.D
Acq: 14 Dec 2021 10:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 290350
Ion Ratio Lower Upper
91 100
106 29.5 25.7 38.5

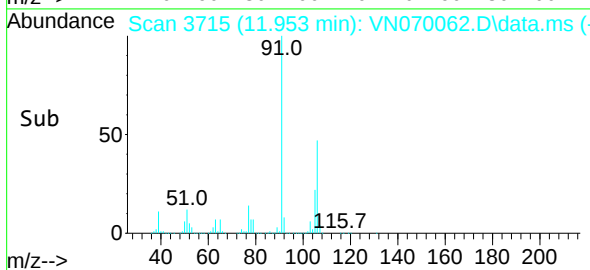
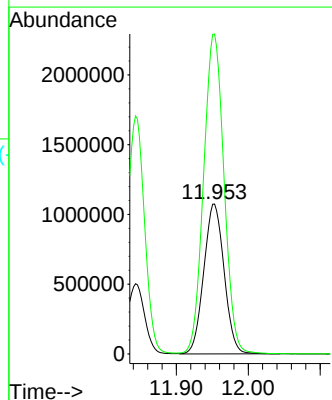
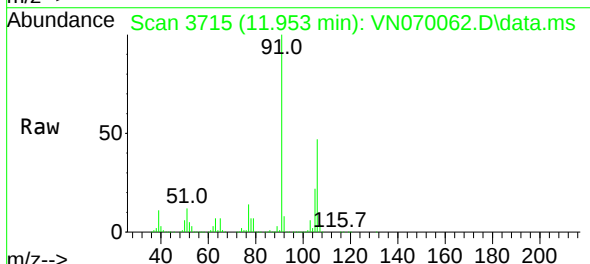
Manual Integrations
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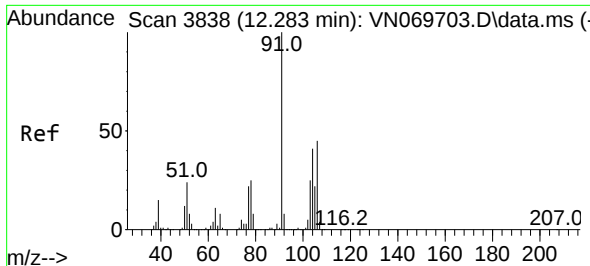
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021



#68
m/p-Xylenes
Concen: 114.797 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. 0.000 min
Lab File: VN070062.D
Acq: 14 Dec 2021 10:21

Tgt Ion:106 Resp: 2115994
Ion Ratio Lower Upper
106 100
91 214.4 160.6 240.8





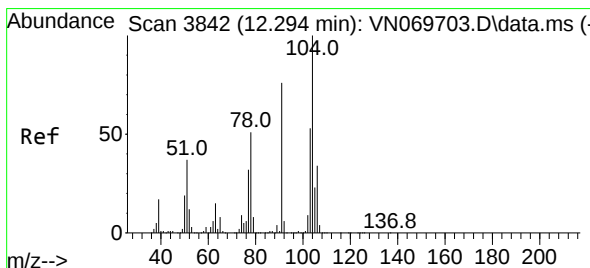
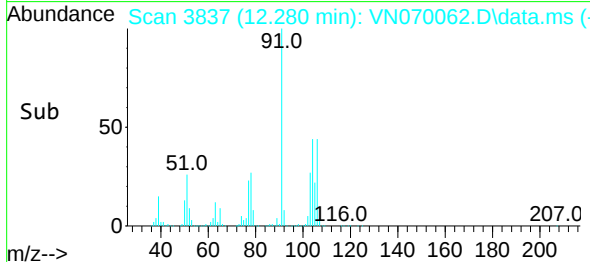
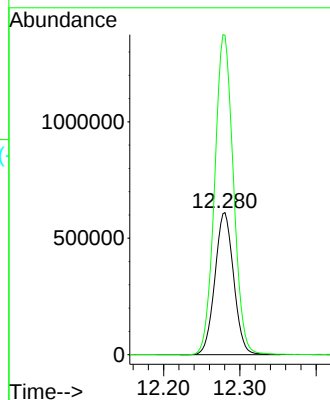
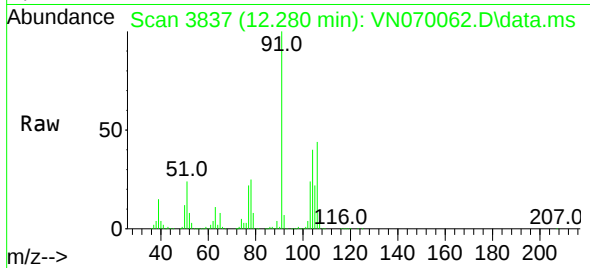
#69
o-Xylene
Concen: 56.054 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. -0.002 min
Lab File: VN070062.D
Acq: 14 Dec 2021 10:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 104073
Ion Ratio Lower Upper
106 100
91 225.9 105.8 317.3

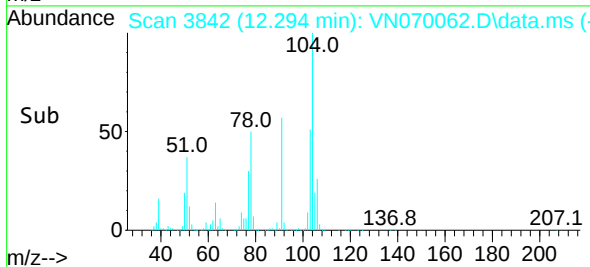
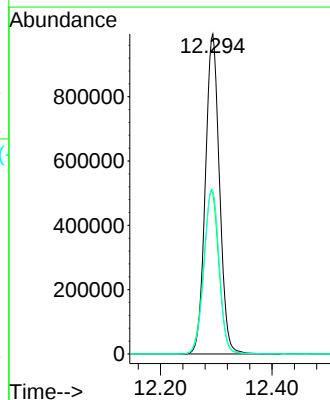
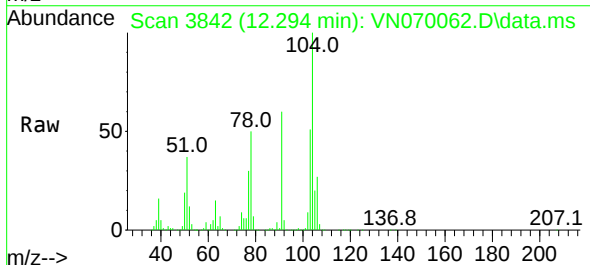
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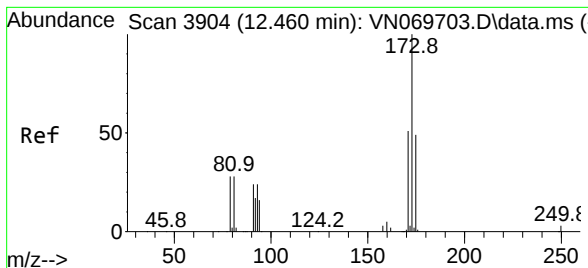
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021



#70
Styrene
Concen: 59.528 ug/l
RT: 12.294 min Scan# 3842
Delta R.T. -0.000 min
Lab File: VN070062.D
Acq: 14 Dec 2021 10:21

Tgt Ion:104 Resp: 1752546
Ion Ratio Lower Upper
104 100
78 54.8 38.7 58.1
103 55.6 45.0 67.6





#71

Bromoform

Concen: 58.551 ug/l

RT: 12.457 min Scan# 3903

Delta R.T. -0.003 min

Lab File: VN070062.D

Acq: 14 Dec 2021 10:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:173 Resp: 495360

Ion Ratio Lower Upper

173 100

175 48.3 24.2 72.6

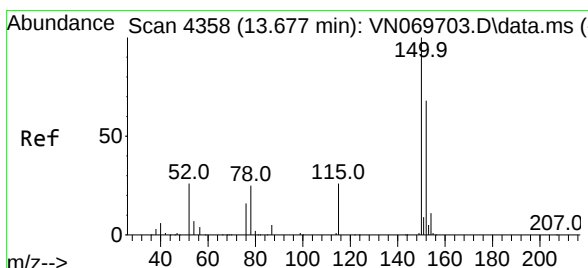
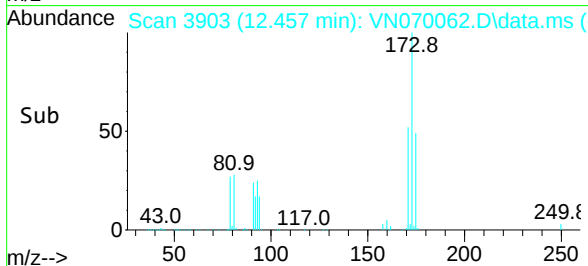
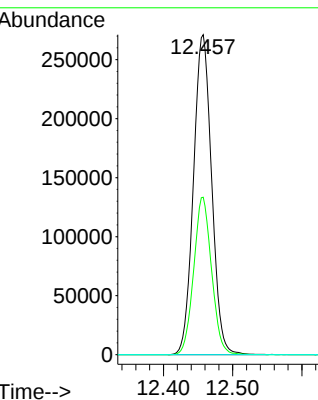
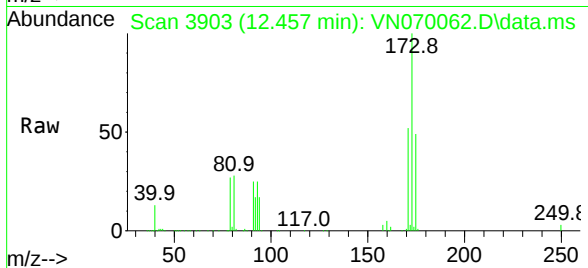
254 0.0 0.0 0.0

Manual Integrations

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Reviewed By :John Carlone 12/15/2021

Supervised By :Mahesh Dadoda 12/21/2021



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.672 min Scan# 4356

Delta R.T. -0.005 min

Lab File: VN070062.D

Acq: 14 Dec 2021 10:21

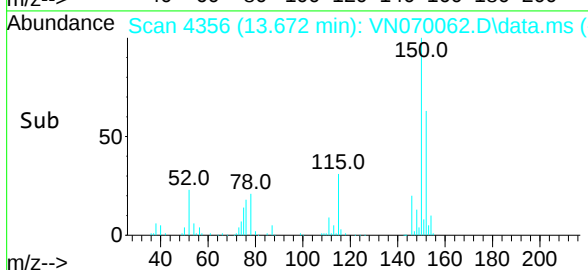
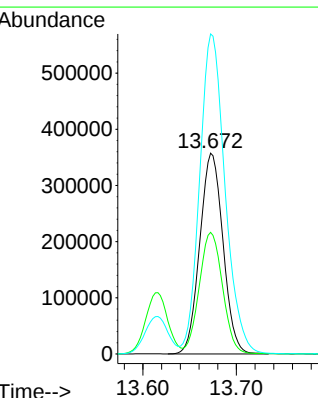
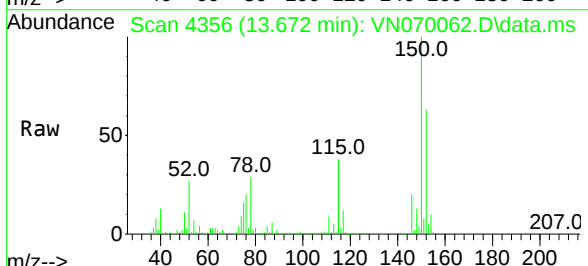
Tgt Ion:152 Resp: 618858

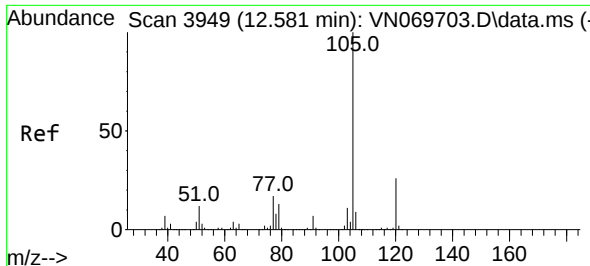
Ion Ratio Lower Upper

152 100

115 60.4 27.5 82.5

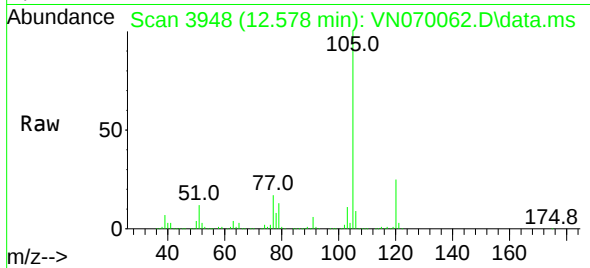
150 173.9 0.0 344.4





#73
Isopropylbenzene
Concen: 50.555 ug/l
RT: 12.578 min Scan# 3948
Delta R.T. -0.002 min
Lab File: VN070062.D
Acq: 14 Dec 2021 10:21

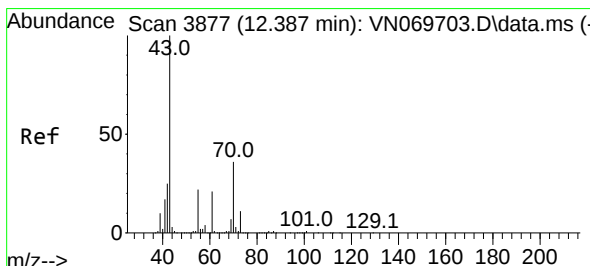
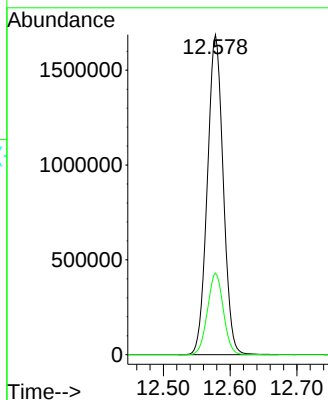
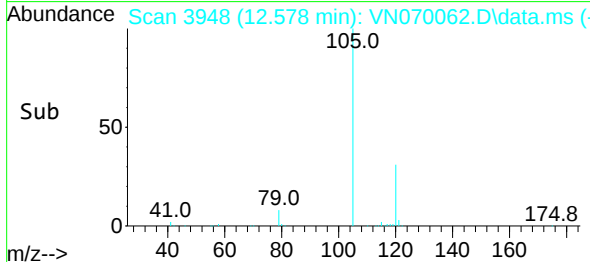
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



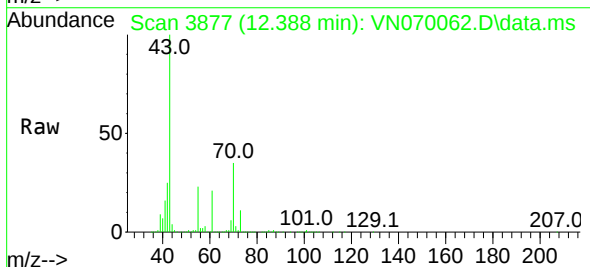
Tgt Ion:105 Resp: 278359
Ion Ratio Lower Upper
105 100
120 25.5 13.4 40.1

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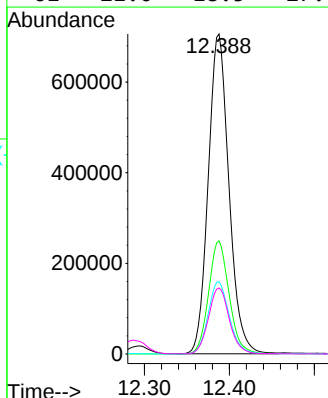
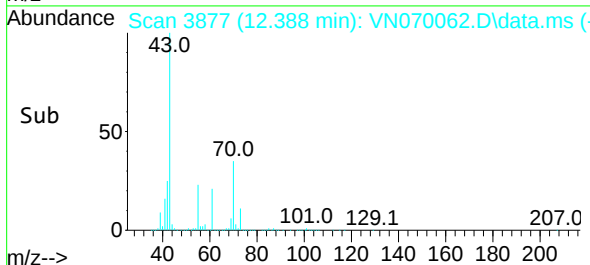
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021

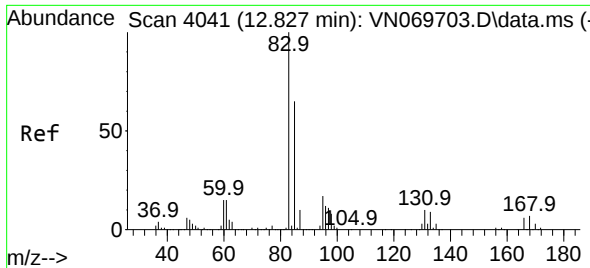


#74
N-ethyl acetate
Concen: 49.089 ug/l
RT: 12.388 min Scan# 3877
Delta R.T. 0.000 min
Lab File: VN070062.D
Acq: 14 Dec 2021 10:21



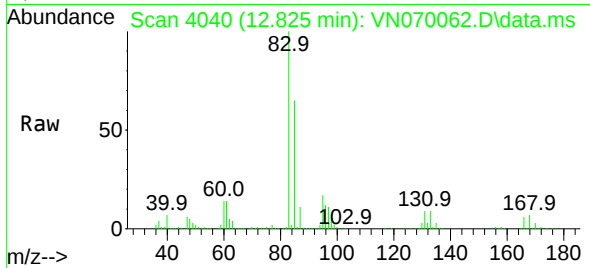
Tgt Ion: 43 Resp: 1195328
Ion Ratio Lower Upper
43 100
70 35.1 33.4 50.0
55 23.0 19.3 28.9
61 21.0 18.5 27.7





#75
1,1,2,2-Tetrachloroethane
Concen: 47.851 ug/l
RT: 12.825 min Scan# 4041
Delta R.T. -0.002 min
Lab File: VN070062.D
Acq: 14 Dec 2021 10:21

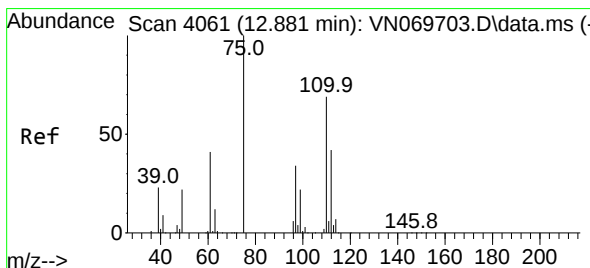
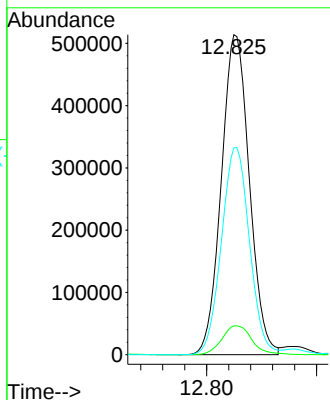
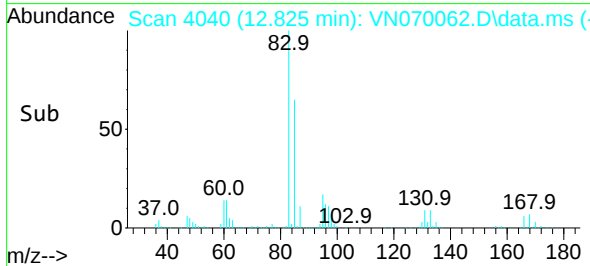
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



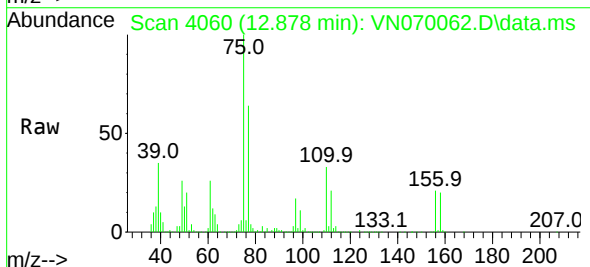
Tgt Ion: 83 Resp: 911083
Ion Ratio Lower Upper
83 100
131 9.7 5.5 16.5
85 64.8 32.4 97.2

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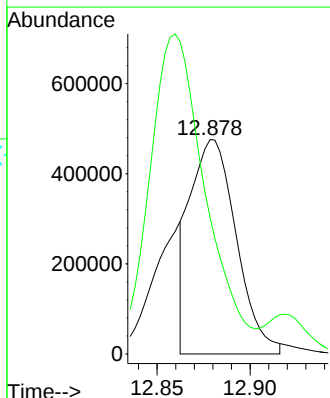
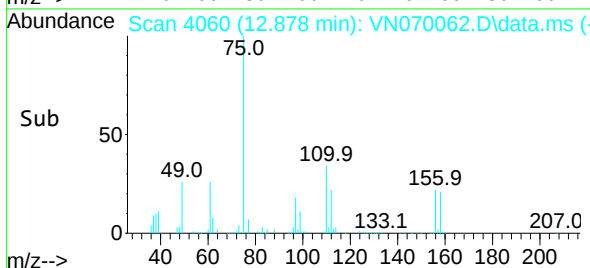
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021

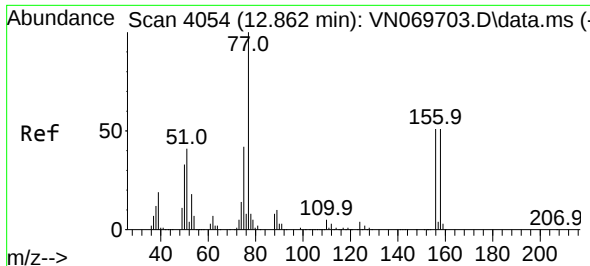


#76
1,2,3-Trichloropropane
Concen: 46.223 ug/l m
RT: 12.878 min Scan# 4060
Delta R.T. -0.002 min
Lab File: VN070062.D
Acq: 14 Dec 2021 10:21



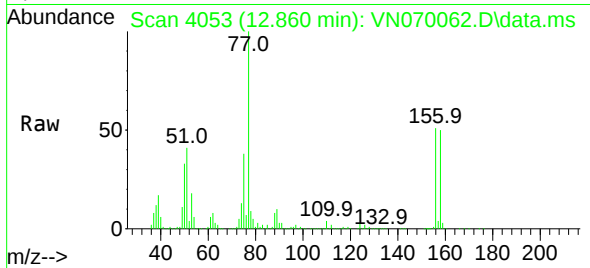
Tgt Ion: 75 Resp: 820338
Ion Ratio Lower Upper
75 100
77 180.4 82.6 247.8





#77
Bromobenzene
Concen: 49.482 ug/l
RT: 12.860 min Scan# 4054
Delta R.T. -0.002 min
Lab File: VN070062.D
Acq: 14 Dec 2021 10:21

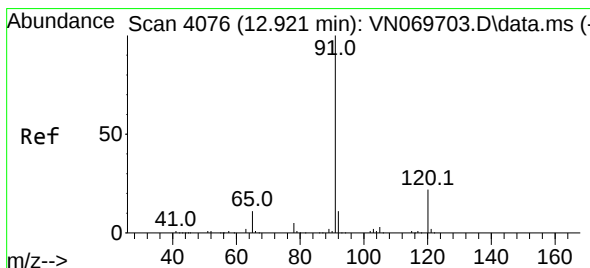
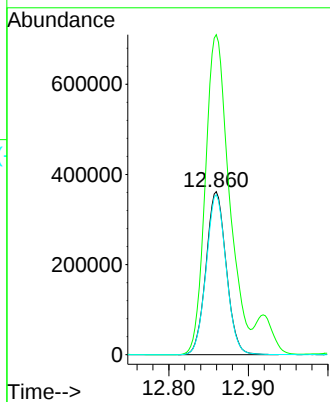
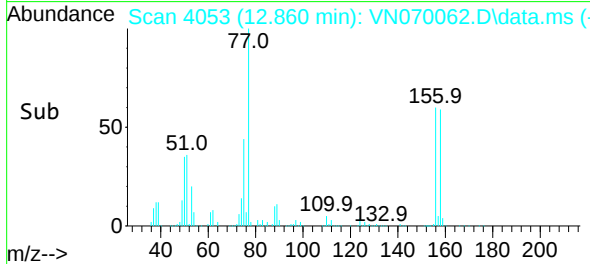
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:156 Resp: 639960
Ion Ratio Lower Upper
156 100
77 231.3 90.6 271.8
158 97.4 48.9 146.7

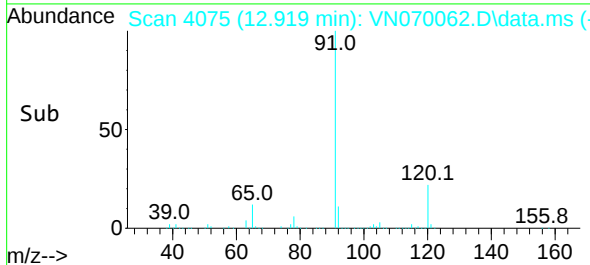
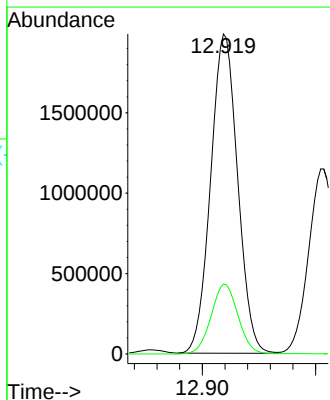
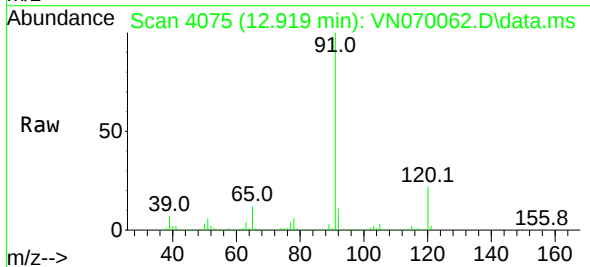
Manual Integrations
APPROVED

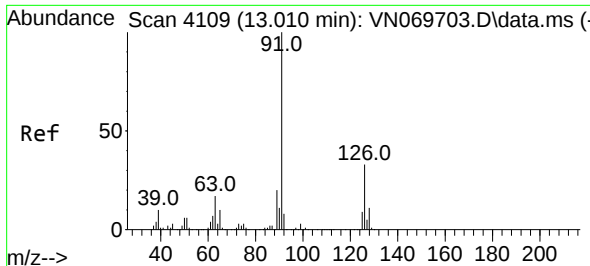
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021



#78
n-propylbenzene
Concen: 53.505 ug/l
RT: 12.919 min Scan# 4075
Delta R.T. -0.002 min
Lab File: VN070062.D
Acq: 14 Dec 2021 10:21

Tgt Ion: 91 Resp: 3278315
Ion Ratio Lower Upper
91 100
120 21.9 11.9 35.9





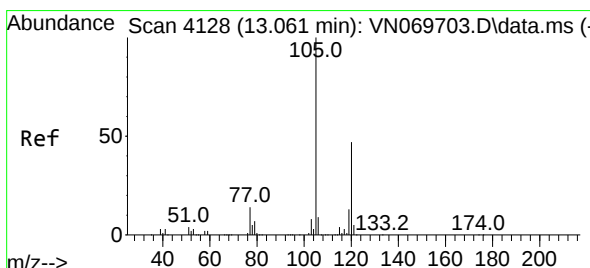
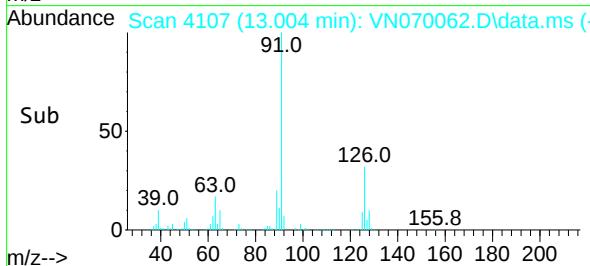
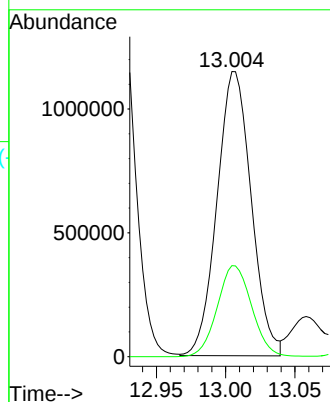
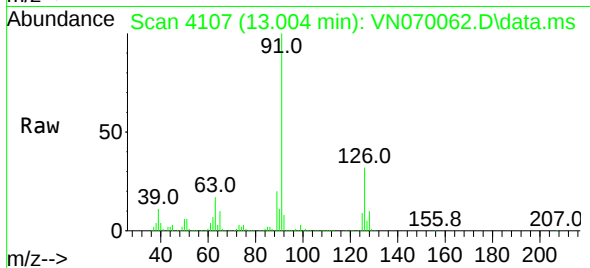
#79
2-Chlorotoluene
Concen: 51.079 ug/l
RT: 13.004 min Scan# 4109
Delta R.T. -0.005 min
Lab File: VN070062.D
Acq: 14 Dec 2021 10:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 197753
Ion Ratio Lower Upper
91 100
126 32.2 18.3 54.8

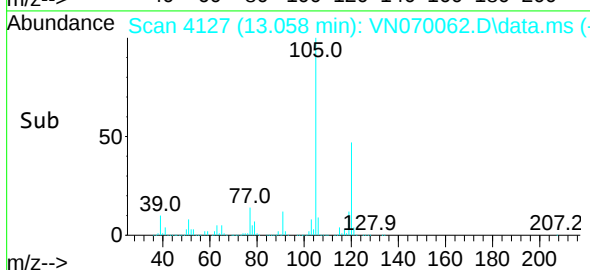
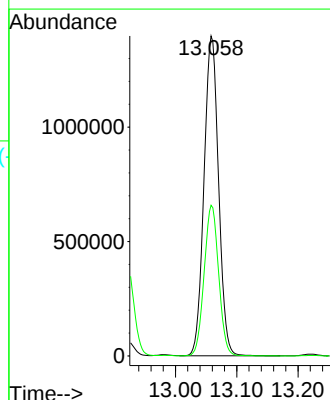
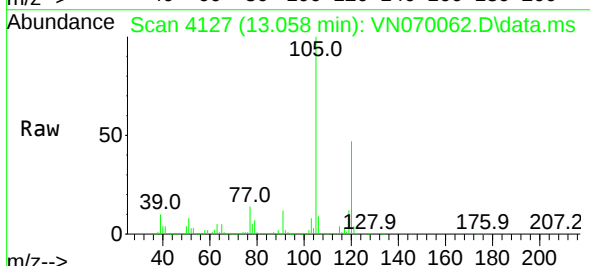
Manual Integrations
APPROVED

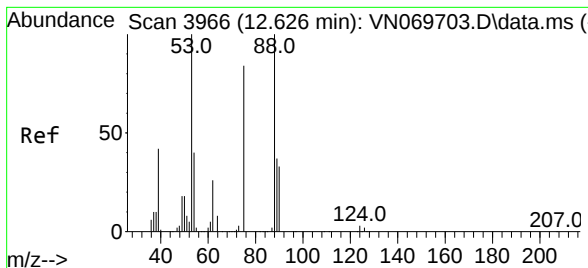
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021



#80
1,3,5-Trimethylbenzene
Concen: 52.090 ug/l
RT: 13.058 min Scan# 4127
Delta R.T. -0.002 min
Lab File: VN070062.D
Acq: 14 Dec 2021 10:21

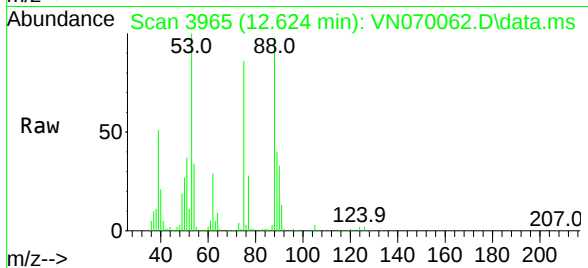
Tgt Ion:105 Resp: 2308504
Ion Ratio Lower Upper
105 100
120 46.9 24.6 73.6





#81
trans-1,4-Dichloro-2-butene
Concen: 51.007 ug/l
RT: 12.624 min Scan# 3966
Delta R.T. -0.002 min
Lab File: VN070062.D
Acq: 14 Dec 2021 10:21

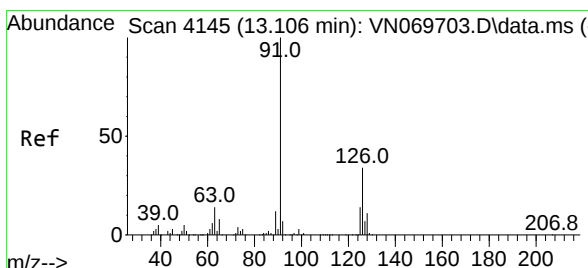
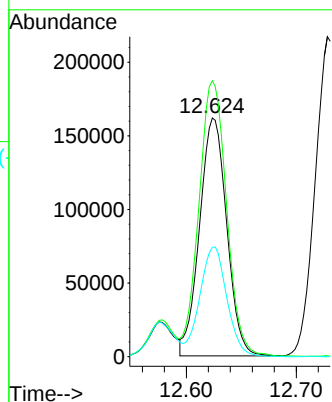
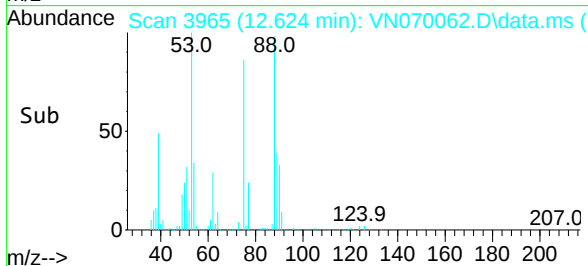
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



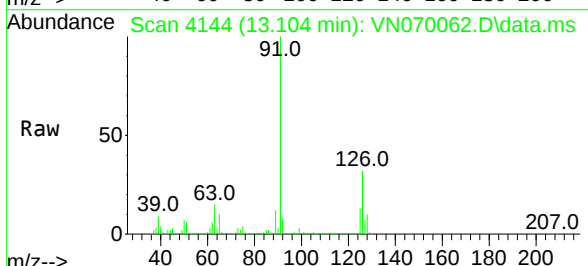
Tgt Ion: 75 Resp: 27707
Ion Ratio Lower Upper
75 100
53 118.1 90.5 135.7
89 46.3 38.2 57.4

Manual Integrations
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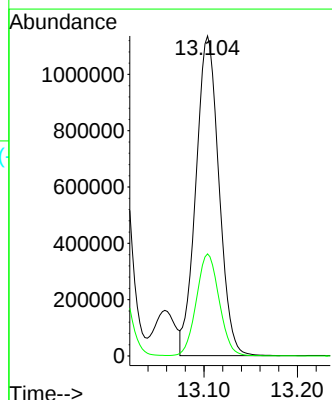
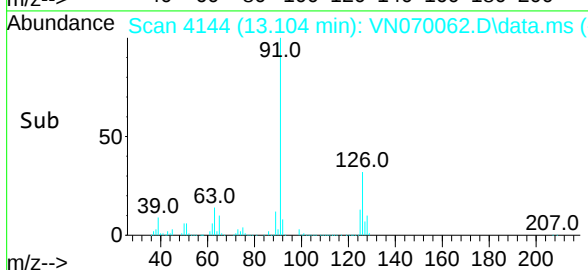
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021



#82
4-Chlorotoluene
Concen: 53.184 ug/l
RT: 13.104 min Scan# 4144
Delta R.T. -0.002 min
Lab File: VN070062.D
Acq: 14 Dec 2021 10:21



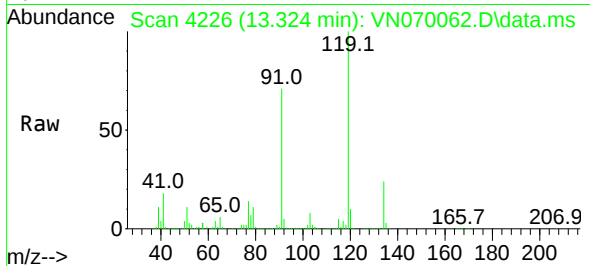
Tgt Ion: 91 Resp: 1936369
Ion Ratio Lower Upper
91 100
126 31.7 18.2 54.6





#83
tert-Butylbenzene
Concen: 51.176 ug/l
RT: 13.324 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN070062.D
Acq: 14 Dec 2021 10:21

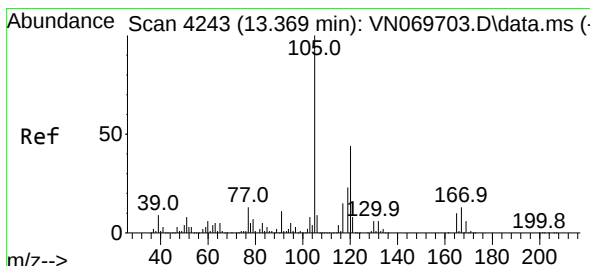
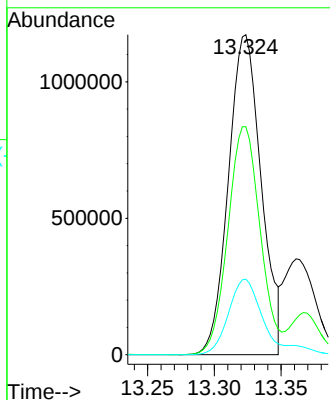
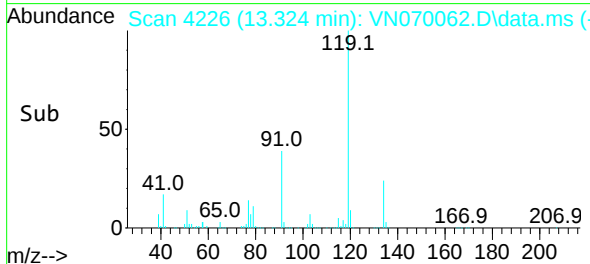
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



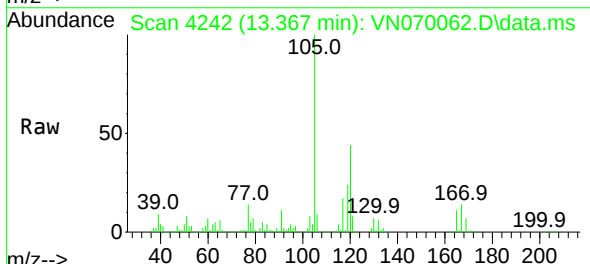
Tgt Ion:119 Resp: 200823
Ion Ratio Lower Upper
119 100
91 70.2 31.5 94.5
134 25.7 12.4 37.4

Manual Integrations
APPROVED

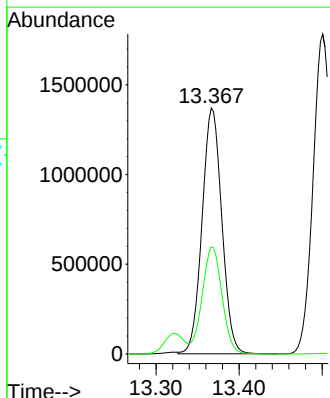
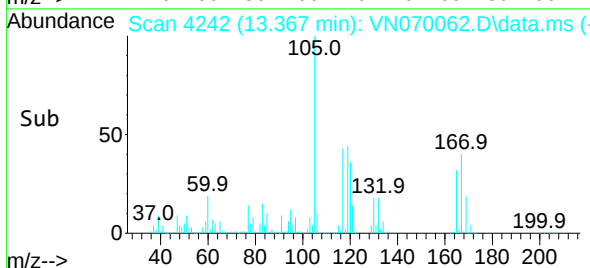
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021

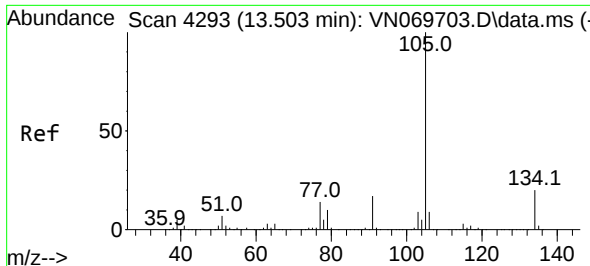


#84
1,2,4-Trimethylbenzene
Concen: 53.417 ug/l
RT: 13.367 min Scan# 4242
Delta R.T. -0.002 min
Lab File: VN070062.D
Acq: 14 Dec 2021 10:21



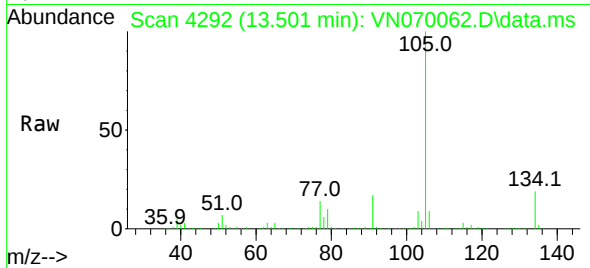
Tgt Ion:105 Resp: 2254511
Ion Ratio Lower Upper
105 100
120 43.7 22.8 68.4





#85
 sec-Butylbenzene
 Concen: 53.915 ug/l
 RT: 13.501 min Scan# 4292
 Delta R.T. -0.002 min
 Lab File: VN070062.D
 Acq: 14 Dec 2021 10:21

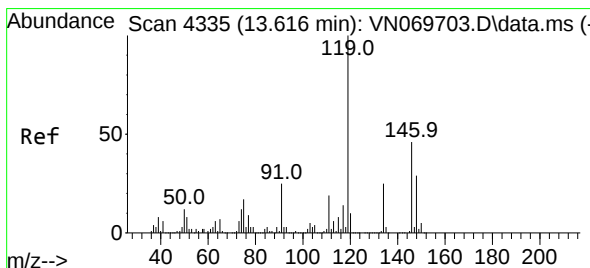
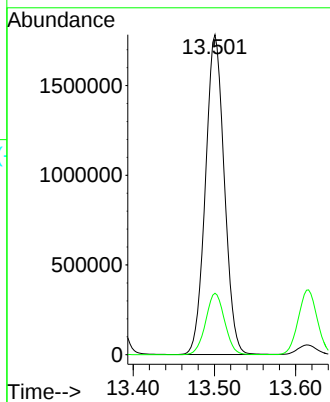
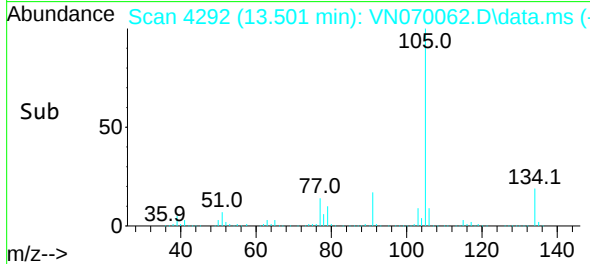
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



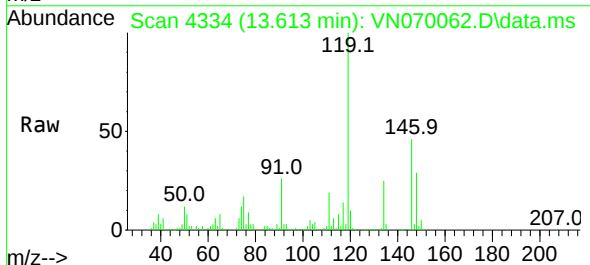
Tgt Ion:105 Resp: 2869814
 Ion Ratio Lower Upper
 105 100
 134 19.4 10.4 31.1

Manual Integrations
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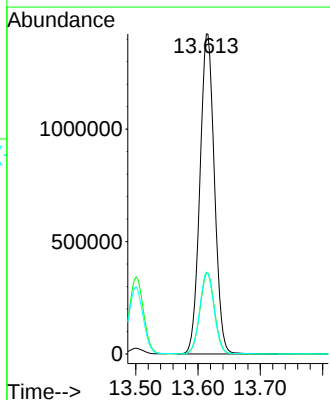
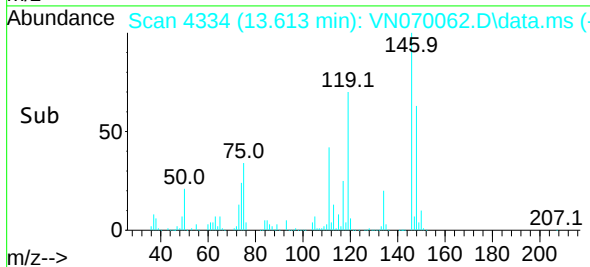
Reviewed By :John Carlone 12/15/2021
 Supervised By :Mahesh Dadoda 12/21/2021



#86
 p-Isopropyltoluene
 Concen: 55.240 ug/l
 RT: 13.613 min Scan# 4334
 Delta R.T. -0.002 min
 Lab File: VN070062.D
 Acq: 14 Dec 2021 10:21



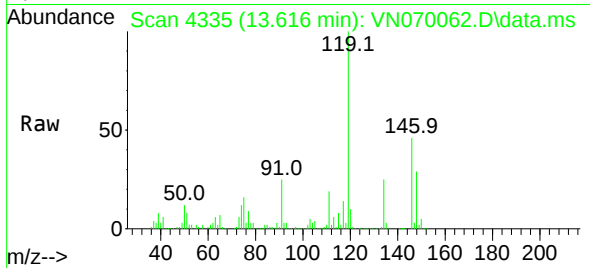
Tgt Ion:119 Resp: 2298338
 Ion Ratio Lower Upper
 119 100
 134 25.5 13.6 40.7
 91 25.2 11.4 34.1





#87
1,3-Dichlorobenzene
Concen: 53.118 ug/l
RT: 13.616 min Scan# 4335
Delta R.T. 0.000 min
Lab File: VN070062.D
Acq: 14 Dec 2021 10:21

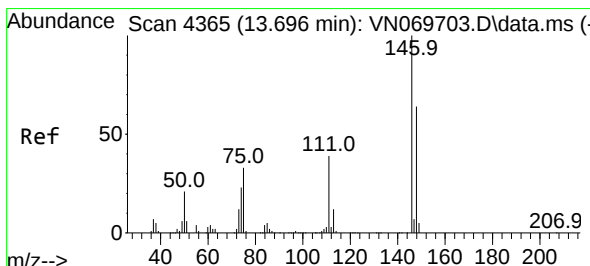
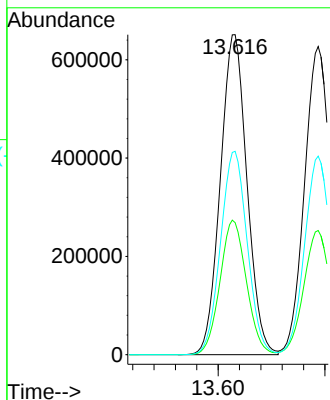
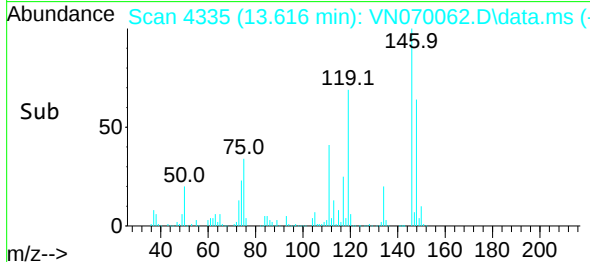
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



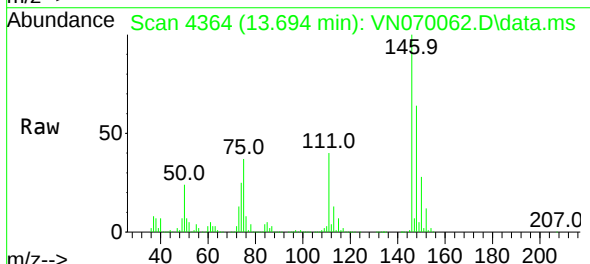
Tgt Ion:146 Resp: 1128604
Ion Ratio Lower Upper
146 100
111 41.7 18.6 55.6
148 63.8 31.6 95.0

Manual Integrations
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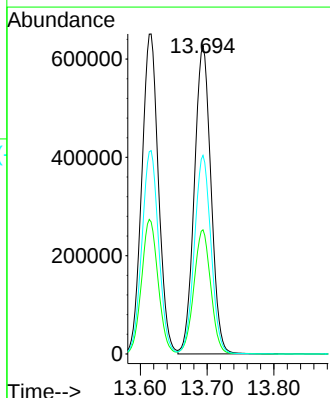
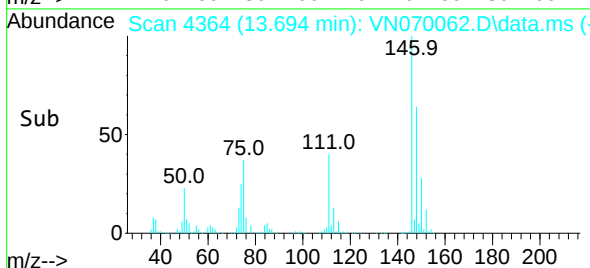
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021



#88
1,4-Dichlorobenzene
Concen: 52.010 ug/l
RT: 13.694 min Scan# 4364
Delta R.T. -0.002 min
Lab File: VN070062.D
Acq: 14 Dec 2021 10:21



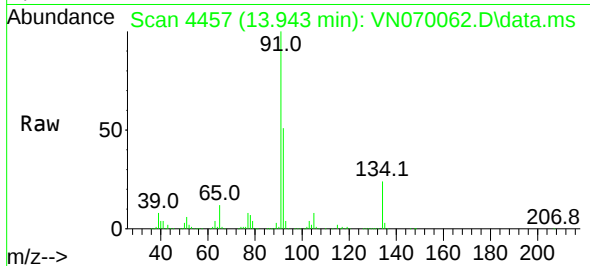
Tgt Ion:146 Resp: 1085967
Ion Ratio Lower Upper
146 100
111 40.8 18.3 54.8
148 64.2 31.8 95.4





#89
n-Butylbenzene
Concen: 57.549 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. 0.000 min
Lab File: VN070062.D
Acq: 14 Dec 2021 10:21

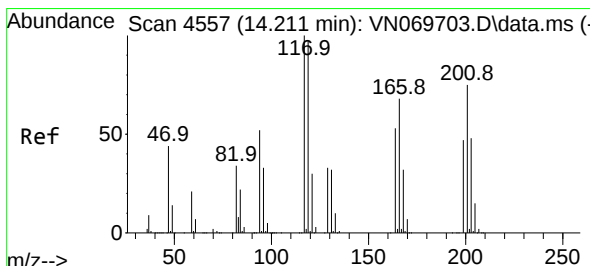
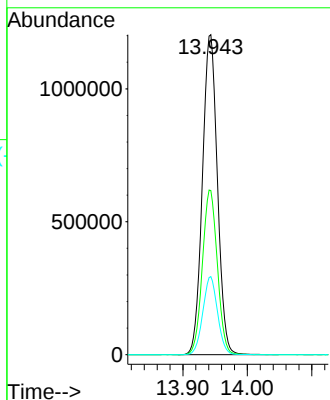
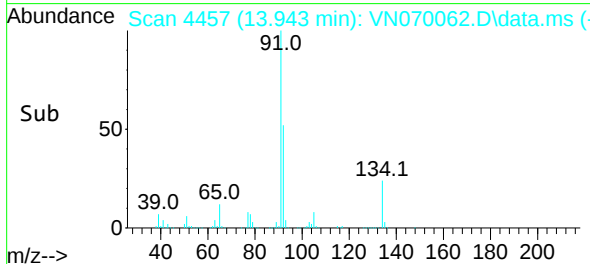
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 194229
Ion Ratio Lower Upper
91 100
92 51.3 25.4 76.0
134 24.0 13.6 40.8

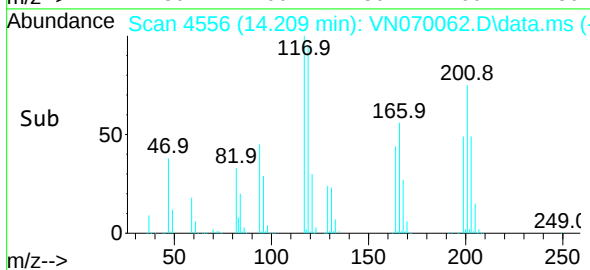
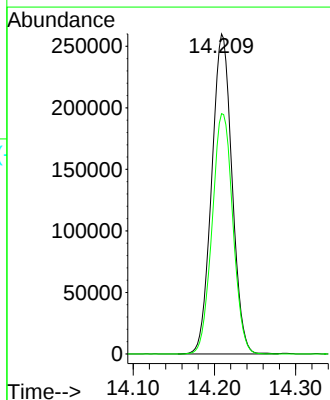
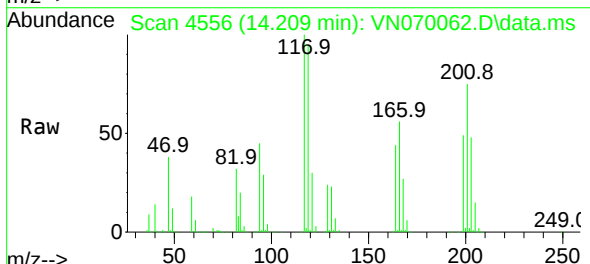
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021



#90
Hexachloroethane
Concen: 61.831 ug/l
RT: 14.209 min Scan# 4556
Delta R.T. -0.002 min
Lab File: VN070062.D
Acq: 14 Dec 2021 10:21

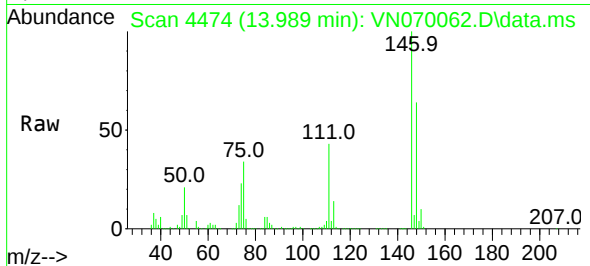
Tgt Ion:117 Resp: 451662
Ion Ratio Lower Upper
117 100
201 76.5 43.9 131.6





#91
1,2-Dichlorobenzene
Concen: 52.131 ug/l
RT: 13.989 min Scan# 4474
Delta R.T. 0.000 min
Lab File: VN070062.D
Acq: 14 Dec 2021 10:21

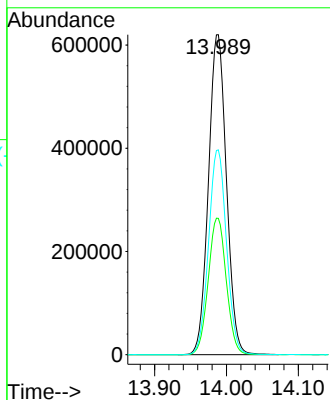
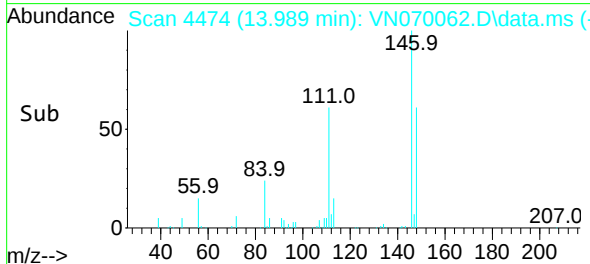
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



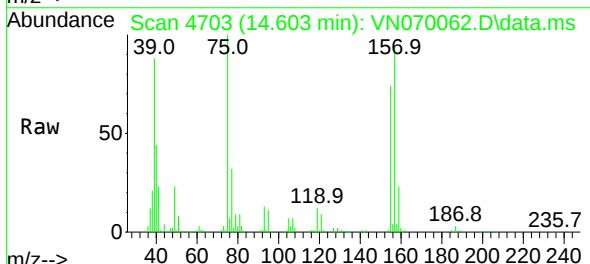
Tgt Ion:146 Resp: 1079210
Ion Ratio Lower Upper
146 100
111 42.9 19.1 57.3
148 63.9 32.1 96.3

Manual Integrations
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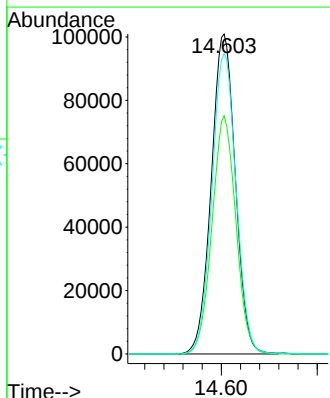
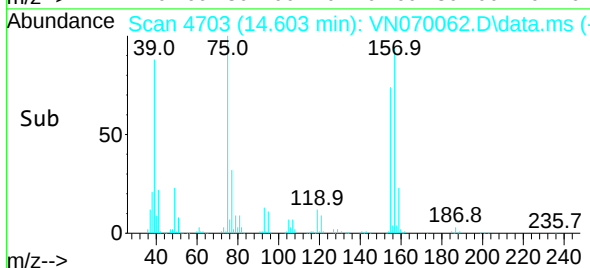
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021

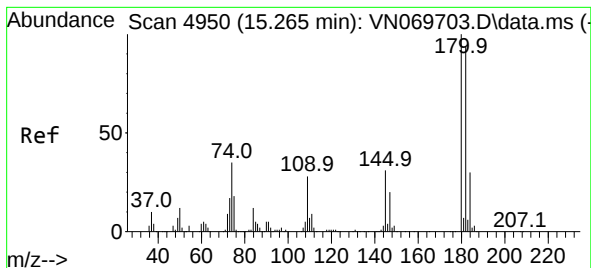


#92
1,2-Dibromo-3-Chloropropane
Concen: 51.168 ug/l
RT: 14.603 min Scan# 4703
Delta R.T. 0.000 min
Lab File: VN070062.D
Acq: 14 Dec 2021 10:21



Tgt Ion: 75 Resp: 176045
Ion Ratio Lower Upper
75 100
155 73.8 46.9 140.7
157 94.2 60.6 181.7





#93

1,2,4-Trichlorobenzene

Concen: 50.544 ug/l

RT: 15.263 min Scan# 4950

Delta R.T. -0.002 min

Lab File: VN070062.D

Acq: 14 Dec 2021 10:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

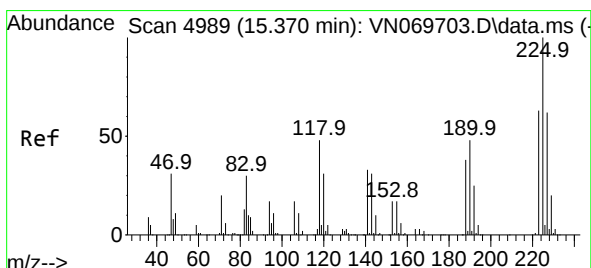
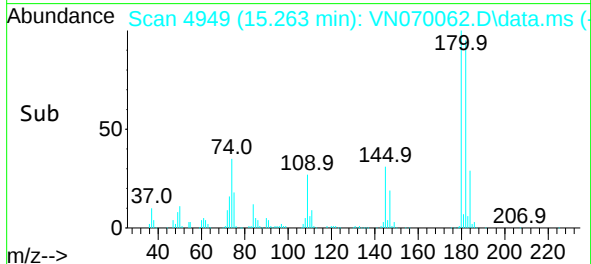
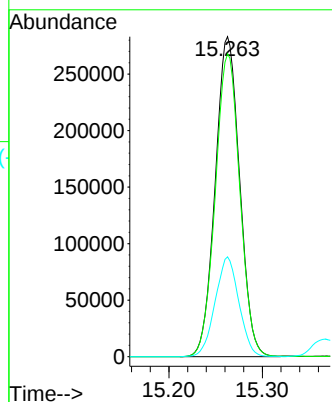
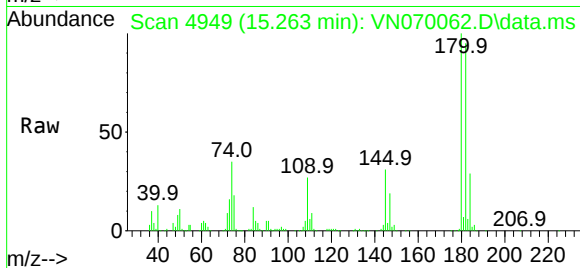
Tgt Ion:180	Resp: 51353
Ion Ratio	Lower Upper
180	100
182	95.3 48.3 144.9
145	30.5 14.5 43.5

Manual Integrations

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Reviewed By :John Carlone 12/15/2021

Supervised By :Mahesh Dadoda 12/21/2021



#94

Hexachlorobutadiene

Concen: 55.122 ug/l

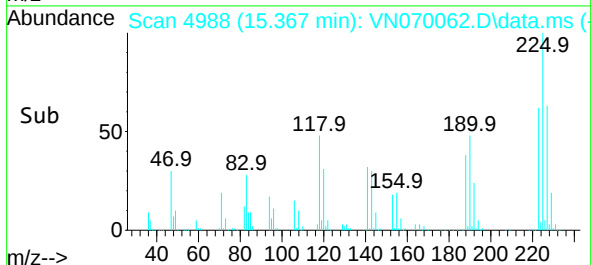
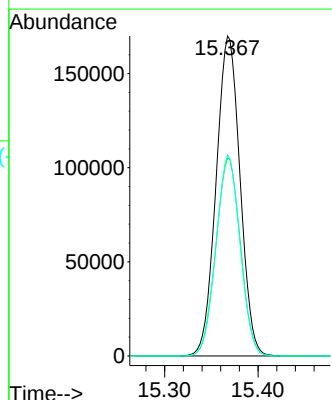
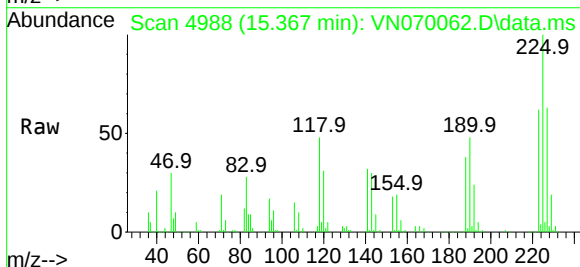
RT: 15.367 min Scan# 4988

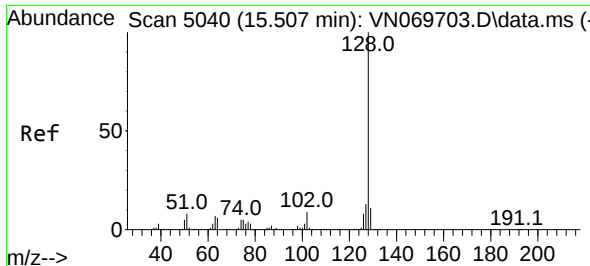
Delta R.T. -0.002 min

Lab File: VN070062.D

Acq: 14 Dec 2021 10:21

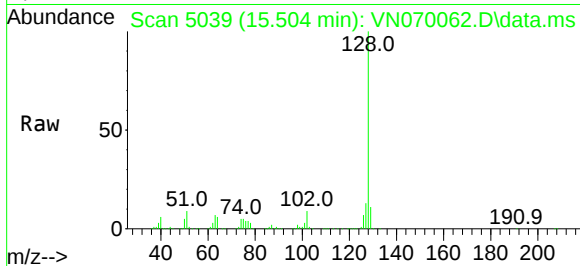
Tgt Ion:225	Resp: 302427
Ion Ratio	Lower Upper
225	100
223	63.5 31.9 95.7
227	63.1 32.1 96.3





#95
Naphthalene
Concen: 42.686 ug/l
RT: 15.504 min Scan# 5040
Delta R.T. -0.003 min
Lab File: VN070062.D
Acq: 14 Dec 2021 10:21

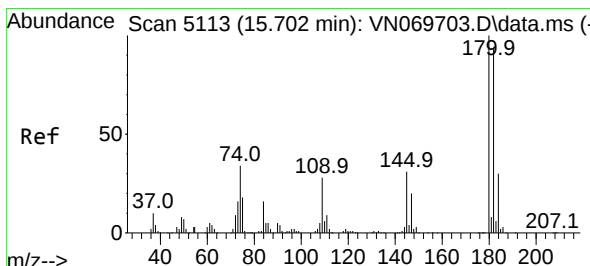
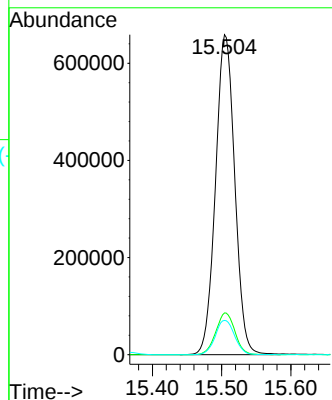
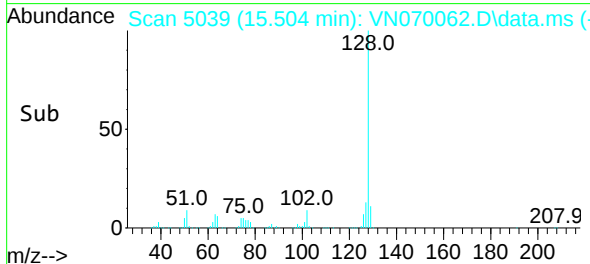
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:128 Resp: 127181
Ion Ratio Lower Upper
128 100
127 13.0 10.5 15.7
129 10.8 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021



#96
1,2,3-Trichlorobenzene
Concen: 49.916 ug/l
RT: 15.700 min Scan# 5112
Delta R.T. -0.002 min
Lab File: VN070062.D
Acq: 14 Dec 2021 10:21

Tgt Ion:180 Resp: 493893
Ion Ratio Lower Upper
180 100
182 94.5 47.4 142.2
145 32.5 15.0 45.1

