

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011122\
 Data File : VN070562.D
 Acq On : 11 Jan 2022 11:44
 Operator : JC/MD
 Sample : VN0111WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0111WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/12/2022
 Supervised By : Mahesh Dadoda 01/12/2022

Quant Time: Jan 12 05:57:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 27 18:47:12 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.083	168	955806	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1530960	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.741	117	1417245	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	598067	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	679997	49.481	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	98.960%		
35) Dibromofluoromethane	8.019	113	518500	55.975	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	111.940%		
50) Toluene-d8	10.438	98	2099583	55.485	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	110.960%		
62) 4-Bromofluorobenzene	12.728	95	762635	55.800	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	111.600%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	194941	17.985	ug/l	100
3) Chloromethane	2.303	50	271245	18.396	ug/l	100
4) Vinyl Chloride	2.451	62	249305	18.571	ug/l	97
5) Bromomethane	2.866	94	150983	21.790	ug/l	100
6) Chloroethane	3.030	64	161135	19.931	ug/l	96
7) Trichlorofluoromethane	3.384	101	323818	20.041	ug/l	99
8) Diethyl Ether	3.824	74	146583	20.579	ug/l	82
9) 1,1,2-Trichlorotrifluo...	4.213	101	206227	20.867	ug/l	94
10) Methyl Iodide	4.425	142	265062	19.818	ug/l	97
11) Tert butyl alcohol	5.361	59	190031	83.047	ug/l #	82
12) 1,1-Dichloroethene	4.183	96	193358	19.863	ug/l	92
13) Acrolein	4.039	56	122007	65.714	ug/l	99
14) Allyl chloride	4.840	41	440536	19.961	ug/l	85
15) Acrylonitrile	5.554	53	689694	96.589	ug/l	99
16) Acetone	4.283	43	762270	85.445	ug/l	97
17) Carbon Disulfide	4.535	76	474949	17.874	ug/l	99
18) Methyl Acetate	4.854	43	485373	18.809	ug/l	92
19) Methyl tert-butyl Ether	5.613	73	742575	20.541	ug/l	96
20) Methylene Chloride	5.095	84	242628	19.657	ug/l	89
21) trans-1,2-Dichloroethene	5.599	96	206891	20.073	ug/l #	85
22) Diisopropyl ether	6.493	45	942708	21.930	ug/l #	89
23) Vinyl Acetate	6.431	43	3438467	103.094	ug/l #	94
24) 1,1-Dichloroethane	6.388	63	457996	20.548	ug/l	97
25) 2-Butanone	7.332	43	1028408	91.554	ug/l	92
26) 2,2-Dichloropropane	7.324	77	342940	19.503	ug/l	98
27) cis-1,2-Dichloroethene	7.324	96	250935	20.404	ug/l	87
28) Bromochloromethane	7.657	49	254000	23.301	ug/l #	77
29) Tetrahydrofuran	7.681	42	637095	95.062	ug/l #	87
30) Chloroform	7.815	83	437086	20.326	ug/l	99
31) Cyclohexane	8.091	56	451125	20.802	ug/l	89
32) 1,1,1-Trichloroethane	8.013	97	355491	19.607	ug/l	98
36) 1,1-Dichloropropene	8.220	75	323245	21.095	ug/l	96
37) Ethyl Acetate	7.410	43	381466	19.205	ug/l	97
38) Carbon Tetrachloride	8.204	117	284772	19.462	ug/l	100
39) Methylcyclohexane	9.456	83	389583	21.000	ug/l	88
40) Benzene	8.458	78	1010377	21.507	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.632	41	209162	21.053	ug/l #	85
42) 1,2-Dichloroethane	8.525	62	343305	19.442	ug/l	100
43) Isopropyl Acetate	8.558	43	620237	19.806	ug/l	96
44) Trichloroethene	9.215	130	231853	20.771	ug/l	90
45) 1,2-Dichloropropane	9.486	63	284162	22.465	ug/l	99
46) Dibromomethane	9.574	93	161489	20.532	ug/l	94
47) Bromodichloromethane	9.759	83	322271	20.635	ug/l	99
48) Methyl methacrylate	9.555	41	276044	18.480	ug/l #	86
49) 1,4-Dioxane	9.566	88	78913	360.901	ug/l #	86
51) 4-Methyl-2-Pentanone	10.328	43	1950061	99.100	ug/l	97
52) Toluene	10.502	92	617665	21.721	ug/l	97
53) t-1,3-Dichloropropene	10.714	75	350958	20.758	ug/l	98
54) cis-1,3-Dichloropropene	10.186	75	396338	21.670	ug/l	97
55) 1,1,2-Trichloroethane	10.894	97	239942	21.326	ug/l	98
56) Ethyl methacrylate	10.757	69	387777	20.859	ug/l	88
57) 1,3-Dichloropropane	11.041	76	429326	21.574	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.038	63	382795	93.157	ug/l	90
59) 2-Hexanone	11.081	43	1406479	98.014	ug/l	95
60) Dibromochloromethane	11.234	129	227043	20.683	ug/l	100
61) 1,2-Dibromoethane	11.342	107	233324	20.424	ug/l	99
64) Tetrachloroethene	10.974	164	213594	20.812	ug/l	96
65) Chlorobenzene	11.765	112	630450	20.965	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.838	131	219146	20.414	ug/l	99
67) Ethyl Benzene	11.840	91	1187000	21.544	ug/l	96
68) m/p-Xylenes	11.950	106	877694	43.763	ug/l	94
69) o-Xylene	12.278	106	436365	21.875	ug/l	94
70) Styrene	12.291	104	696716	22.067	ug/l	97
71) Bromoform	12.455	173	156249	19.612	ug/l #	100
73) Isopropylbenzene	12.575	105	1131579	20.374	ug/l	98
74) N-amyl acetate	12.385	43	425426	18.218	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.825	83	362757	18.932	ug/l	99
76) 1,2,3-Trichloropropane	12.876	75	311051m	19.341	ug/l	
77) Bromobenzene	12.857	156	259585	20.358	ug/l	81
78) n-propylbenzene	12.916	91	1288404	20.937	ug/l	96
79) 2-Chlorotoluene	13.004	91	797362	20.195	ug/l	92
80) 1,3,5-Trimethylbenzene	13.055	105	930886	20.916	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.621	75	90648	18.518	ug/l	96
82) 4-Chlorotoluene	13.101	91	756139	20.445	ug/l	92
83) tert-Butylbenzene	13.321	119	795043	20.287	ug/l	95
84) 1,2,4-Trimethylbenzene	13.364	105	911928	21.279	ug/l	98
85) sec-Butylbenzene	13.498	105	1110709	20.875	ug/l	97
86) p-Isopropyltoluene	13.613	119	890831	21.314	ug/l	97
87) 1,3-Dichlorobenzene	13.613	146	437124	20.479	ug/l	97
88) 1,4-Dichlorobenzene	13.691	146	421927	20.039	ug/l	96
89) n-Butylbenzene	13.938	91	709119	20.341	ug/l	97
90) Hexachloroethane	14.206	117	137872	18.988	ug/l	92
91) 1,2-Dichlorobenzene	13.986	146	420737	20.106	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.600	75	51871	16.122	ug/l	80
93) 1,2,4-Trichlorobenzene	15.260	180	187371	19.004	ug/l	98
94) Hexachlorobutadiene	15.367	225	127433	22.238	ug/l	99
95) Naphthalene	15.504	128	397414	15.857	ug/l	100
96) 1,2,3-Trichlorobenzene	15.697	180	171526	18.713	ug/l	99

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Response via : Initial Calibration

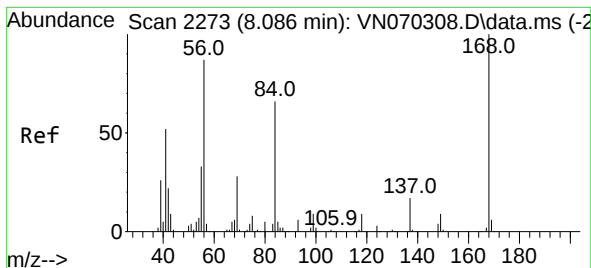
Instrument :
MSVOA_N
ClientSampleId :
VN0111WBS01

Manual Integrations
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Supervised By :Mahesh Dadoda 01/12/2022

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

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.083 min Scan# 21

Delta R.T. -0.003 min

Lab File: VN070562.D

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Instrument :

MSVOA_N

ClientSampleId :

VN0111WBS01

Tgt Ion:168 Resp: 955800

Ion Ratio Lower Upper

168 100

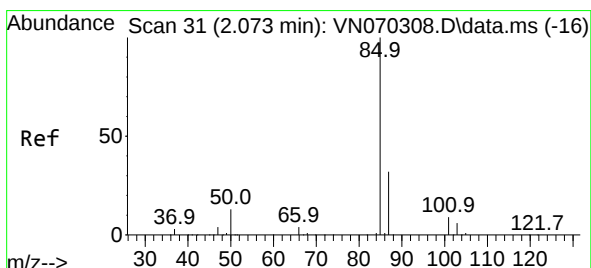
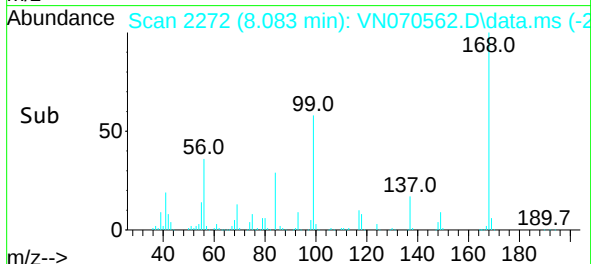
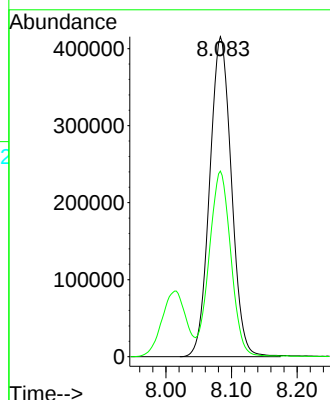
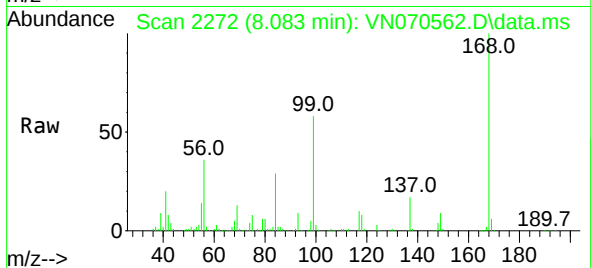
99 57.8 41.3 61.9

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 17.985 ug/l

RT: 2.073 min Scan# 31

Delta R.T. -0.000 min

Lab File: VN070562.D

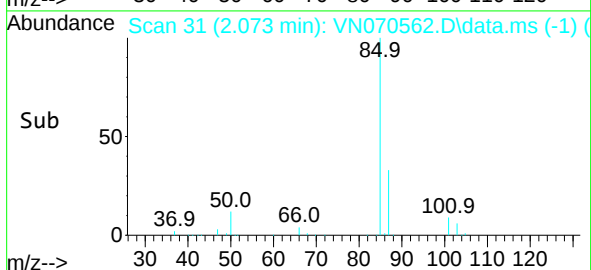
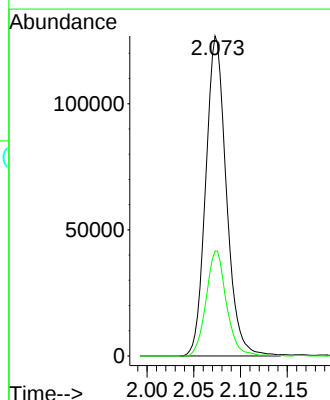
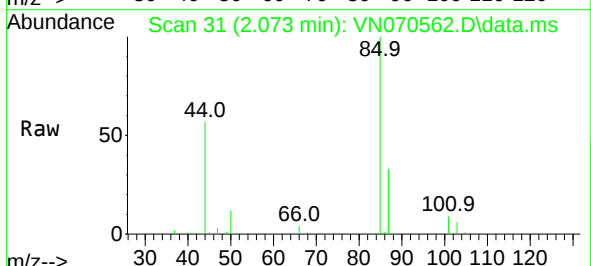
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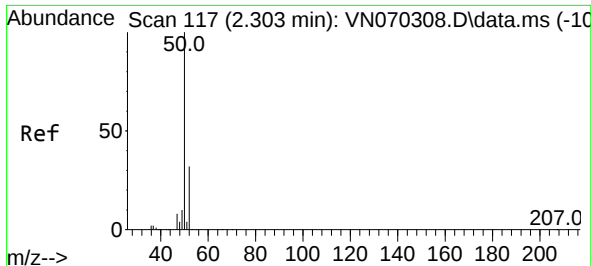
Tgt Ion: 85 Resp: 194941

Ion Ratio Lower Upper

85 100

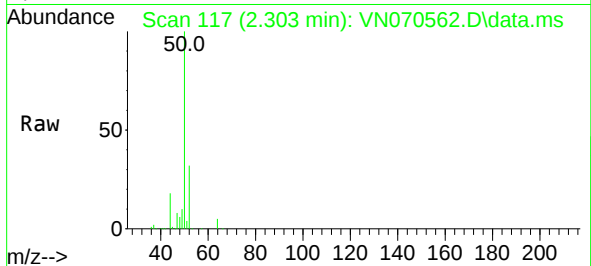
87 32.8 16.3 48.9





#3
Chloromethane
Concen: 18.396 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN070562.D
Acq: 11 Jan 2022 11:44

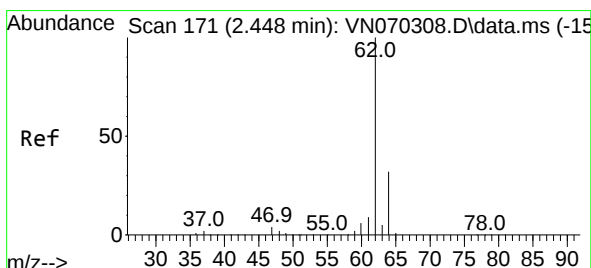
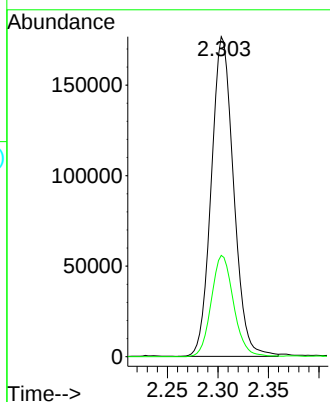
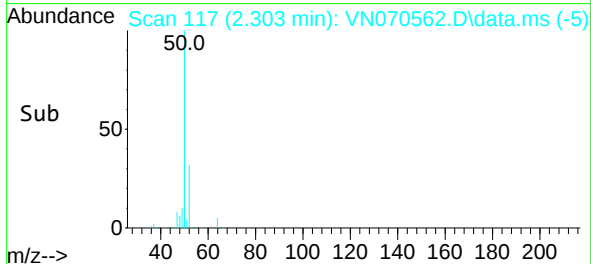
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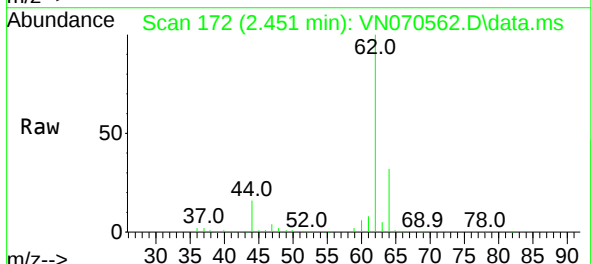
Tgt Ion: 50 Resp: 271245
Ion Ratio Lower Upper
50 100
52 31.7 25.4 38.0

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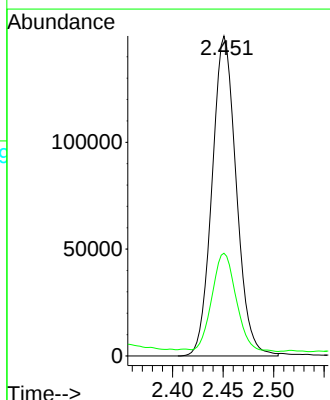
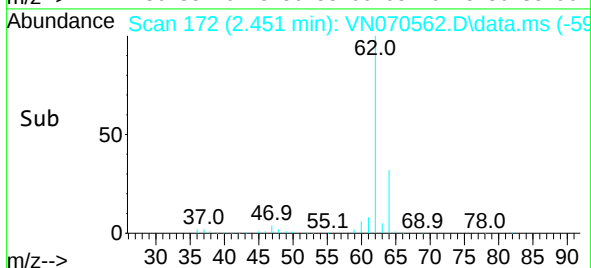
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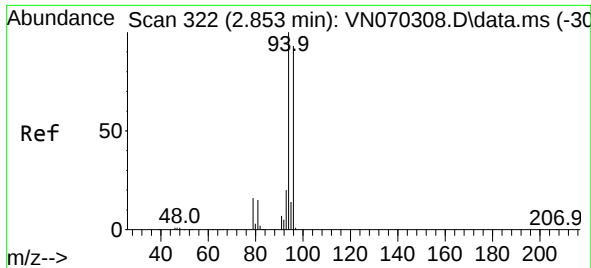


#4
Vinyl Chloride
Concen: 18.571 ug/l
RT: 2.451 min Scan# 172
Delta R.T. 0.003 min
Lab File: VN070562.D
Acq: 11 Jan 2022 11:44



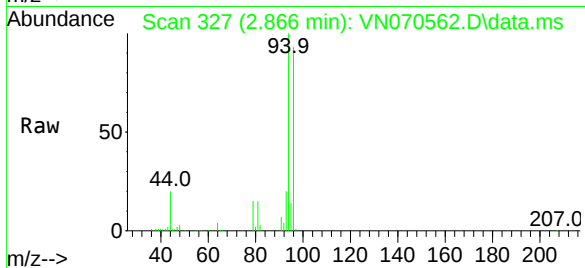
Tgt Ion: 62 Resp: 249305
Ion Ratio Lower Upper
62 100
64 30.7 25.8 38.6





#5
Bromomethane
Concen: 21.790 ug/l
RT: 2.866 min Scan# 31
Delta R.T. 0.013 min
Lab File: VN070562.D
Acq: 11 Jan 2022 11:44

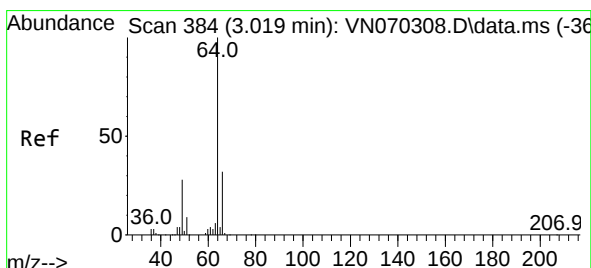
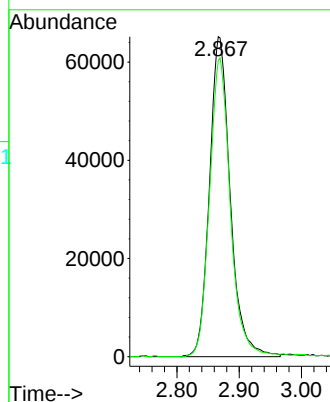
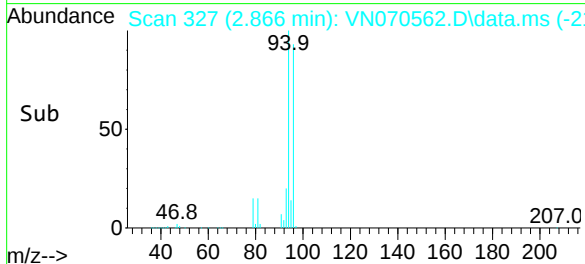
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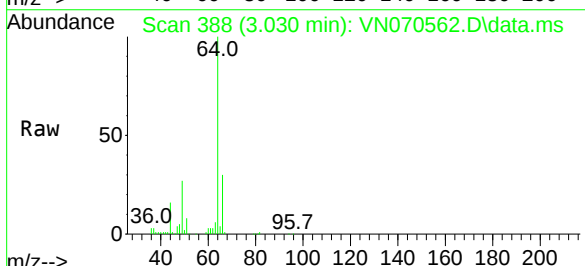
Tgt Ion: 94 Resp: 15098
Ion Ratio Lower Upper
94 100
96 92.6 73.8 110.8

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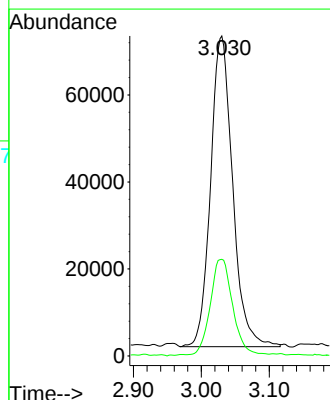
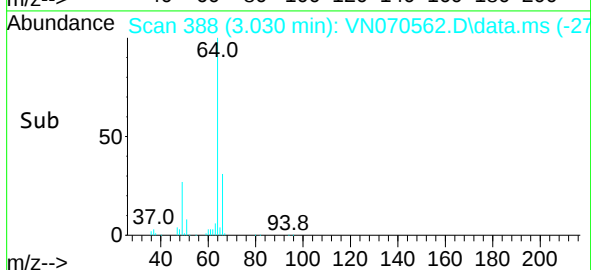
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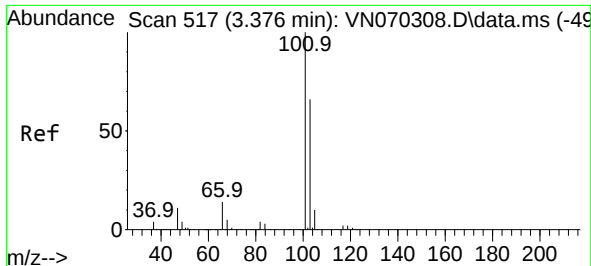


#6
Chloroethane
Concen: 19.931 ug/l
RT: 3.030 min Scan# 388
Delta R.T. 0.011 min
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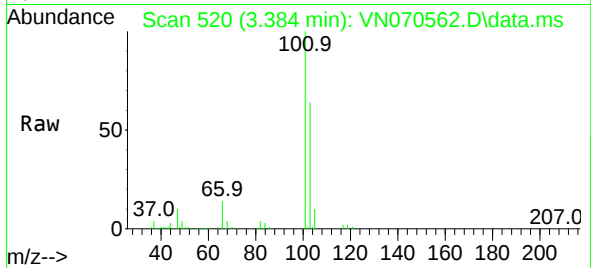
Tgt Ion: 64 Resp: 161135
Ion Ratio Lower Upper
64 100
66 30.6 26.3 39.5





#7
Trichlorofluoromethane
Concen: 20.041 ug/l
RT: 3.384 min Scan# 517
Delta R.T. 0.008 min
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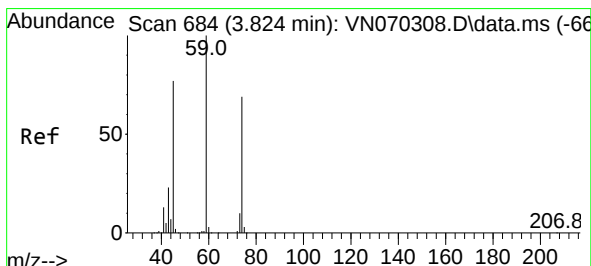
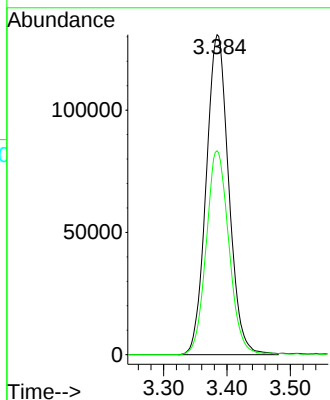
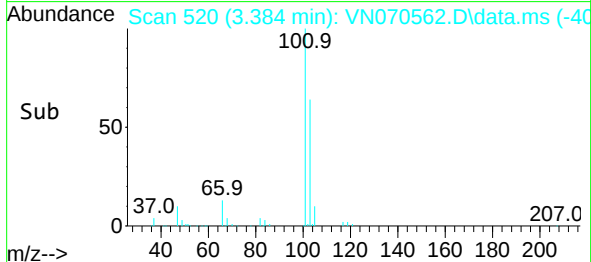
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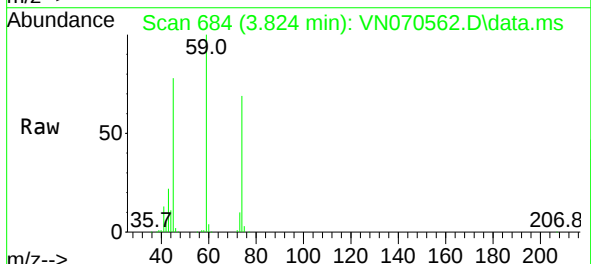
Tgt Ion:101 Resp: 323818
Ion Ratio Lower Upper
101 100
103 63.7 50.1 75.1

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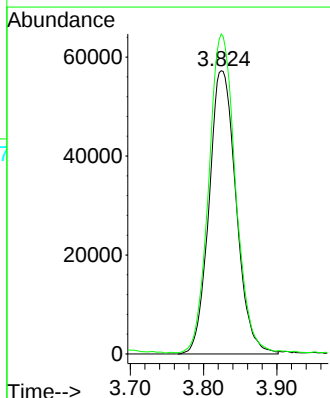
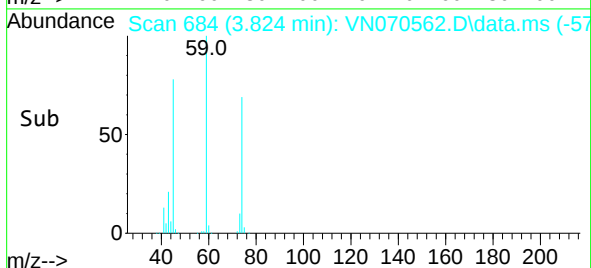
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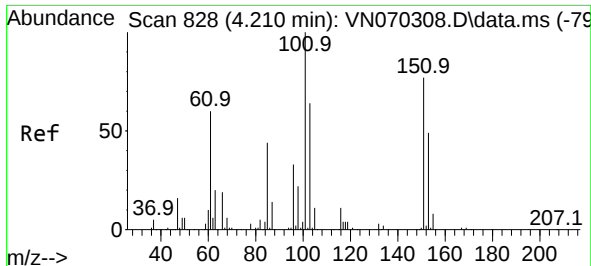


#8
Diethyl Ether
Concen: 20.579 ug/l
RT: 3.824 min Scan# 684
Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 146583
Ion Ratio Lower Upper
74 100
45 111.0 47.0 141.2





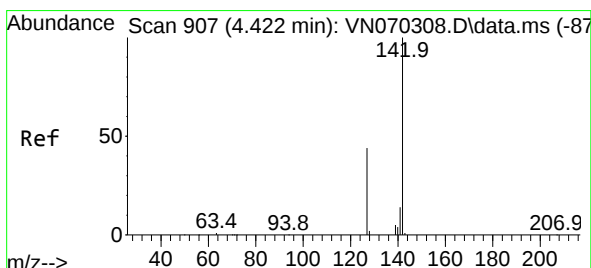
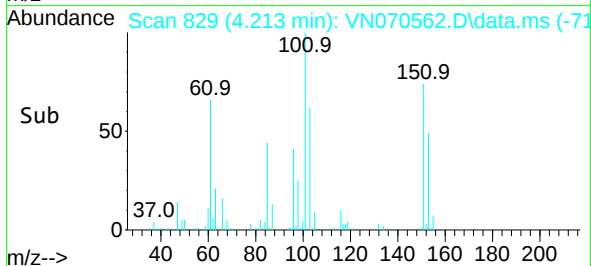
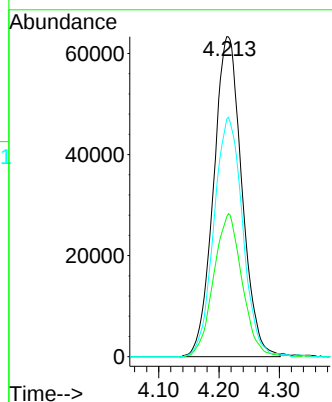
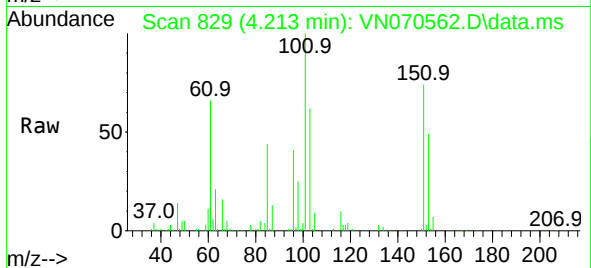
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.867 ug/l
RT: 4.213 min Scan# 81
Delta R.T. 0.003 min
Lab File: VN070562.D
Acq: 11 Jan 2022 11:44

Instrument :
MSVOA_N
ClientSampleId :
VN0111WBS01

Tgt Ion:101 Resp: 20622
Ion Ratio Lower Upper
101 100
85 44.9 37.2 55.8
151 75.8 65.9 98.9

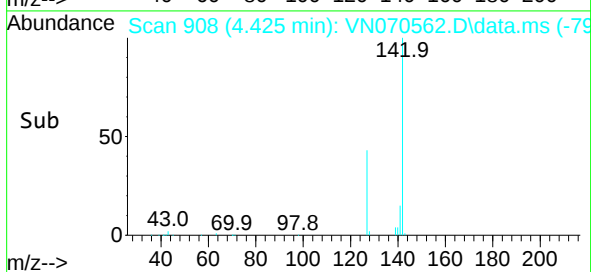
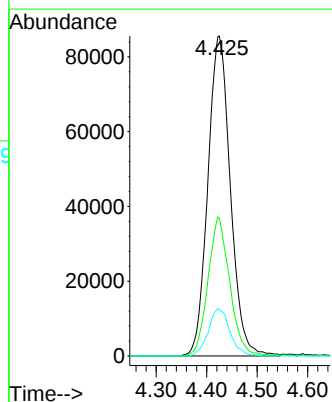
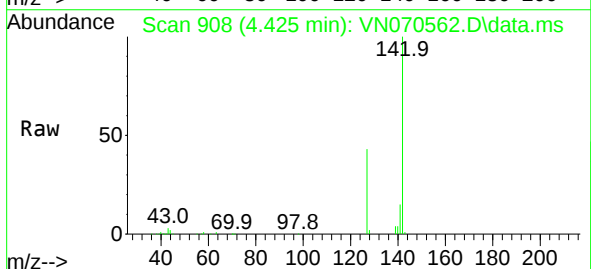
Manual Integrations
APPROVED

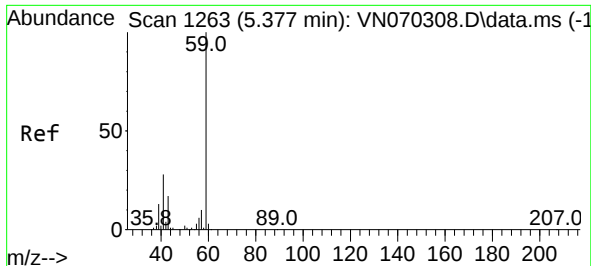
Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022



#10
Methyl Iodide
Concen: 19.818 ug/l
RT: 4.425 min Scan# 908
Delta R.T. 0.003 min
Lab File: VN070562.D
Acq: 11 Jan 2022 11:44

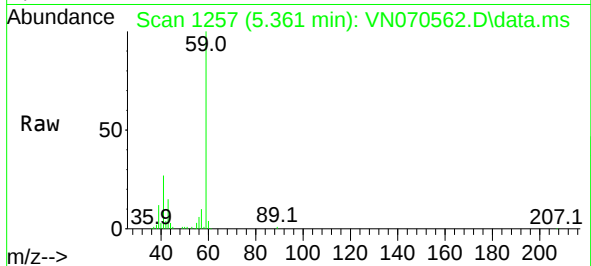
Tgt Ion:142 Resp: 265062
Ion Ratio Lower Upper
142 100
127 41.9 35.4 53.0
141 14.2 11.6 17.4





#11
Tert butyl alcohol
Concen: 83.047 ug/l
RT: 5.361 min Scan# 11
Delta R.T. -0.016 min
Lab File: VN070562.D
Acq: 11 Jan 2022 11:44

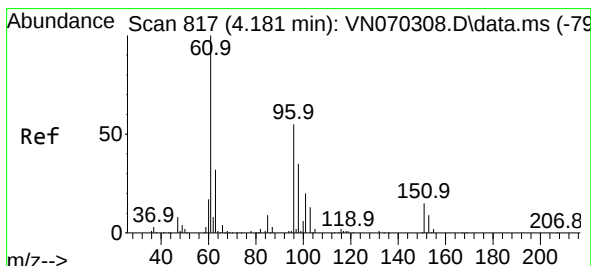
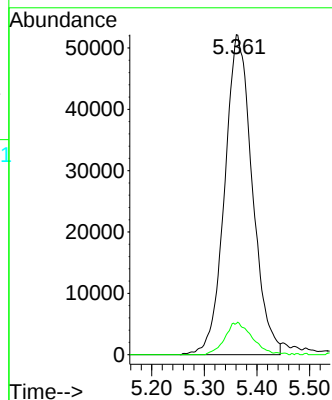
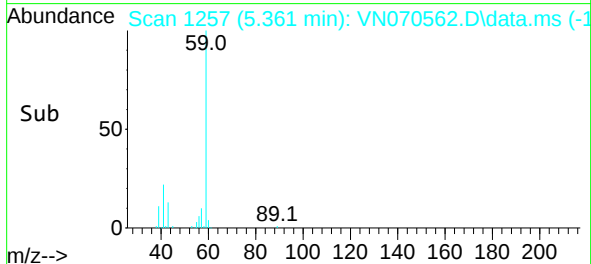
Instrument :
MSVOA_N
ClientSampleId :
VN0111WBS01



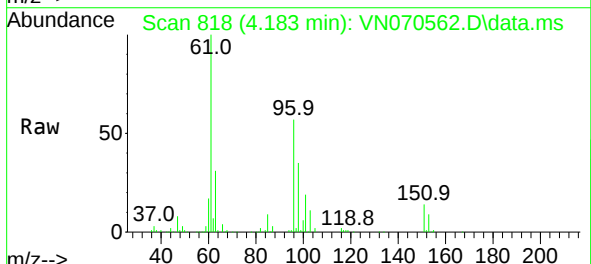
Tgt Ion: 59 Resp: 19003
Ion Ratio Lower Upper
59 100
57 4.0 8.7 13.1

Manual Integrations
APPROVED

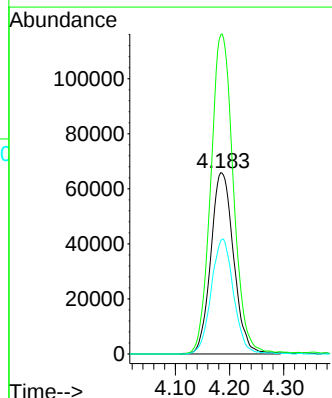
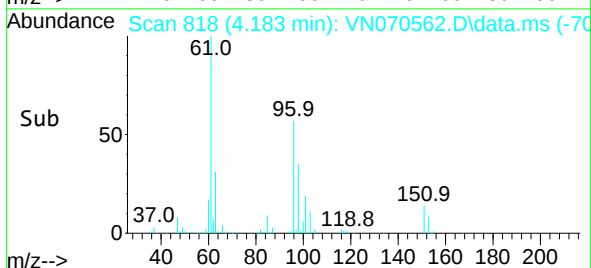
Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022

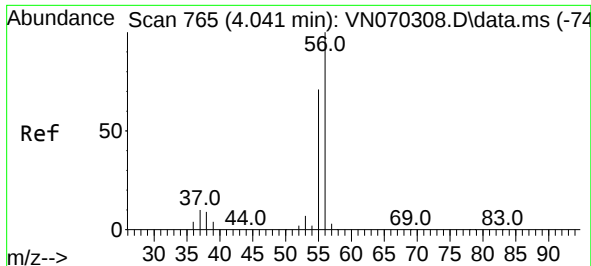


#12
1,1-Dichloroethene
Concen: 19.863 ug/l
RT: 4.183 min Scan# 818
Delta R.T. 0.002 min
Lab File: VN070562.D
Acq: 11 Jan 2022 11:44



Tgt Ion: 96 Resp: 193358
Ion Ratio Lower Upper
96 100
61 175.9 131.0 196.6
98 62.3 52.4 78.6





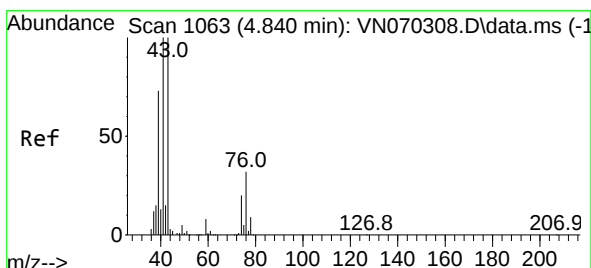
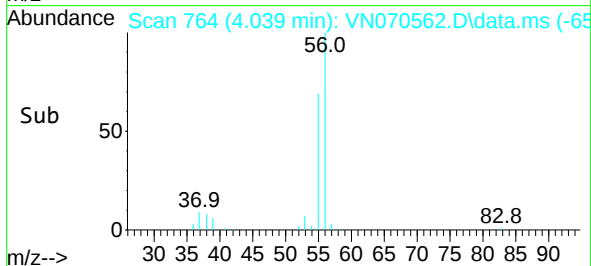
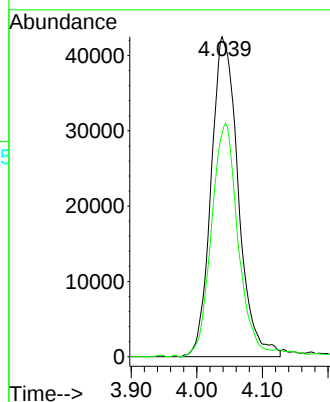
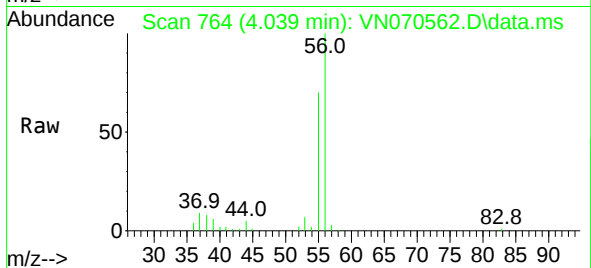
#13
Acrolein
Concen: 65.714 ug/l
RT: 4.039 min Scan# 765
Delta R.T. -0.002 min
Lab File: VN070562.D
Acq: 11 Jan 2022 11:44

Instrument :
MSVOA_N
ClientSampleId :
VN0111WBS01

Tgt Ion: 56 Resp: 12200
Ion Ratio Lower Upper
56 100
55 71.3 56.6 85.0

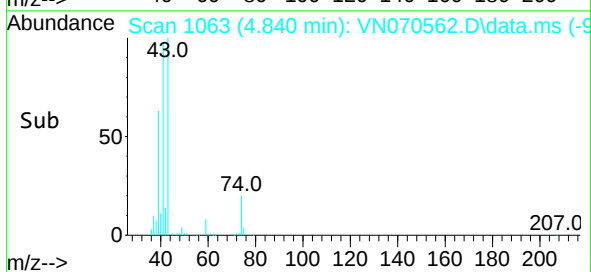
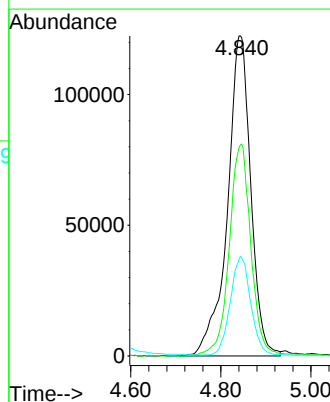
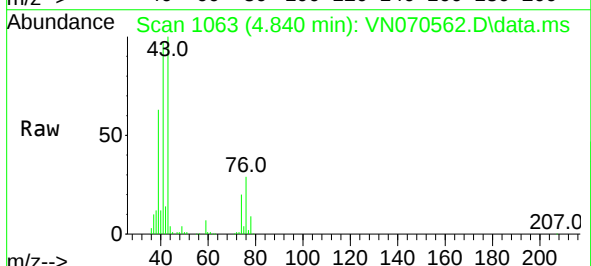
Manual Integrations
APPROVED

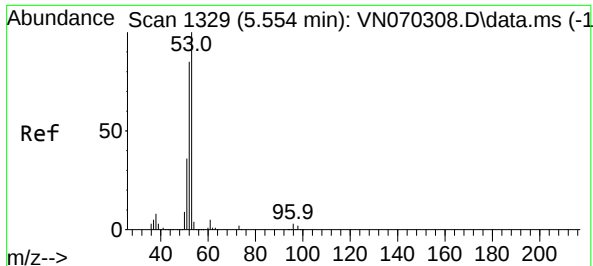
Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022



#14
Allyl chloride
Concen: 19.961 ug/l
RT: 4.840 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VN070562.D
Acq: 11 Jan 2022 11:44

Tgt Ion: 41 Resp: 440536
Ion Ratio Lower Upper
41 100
39 61.5 61.2 91.8
76 26.9 26.0 39.0





#15

Acrylonitrile

Concen: 96.589 ug/l

RT: 5.554 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN070562.D

Acq: 11 Jan 2022 11:44

Instrument :

MSVOA_N

ClientSampleId :

VN0111WBS01

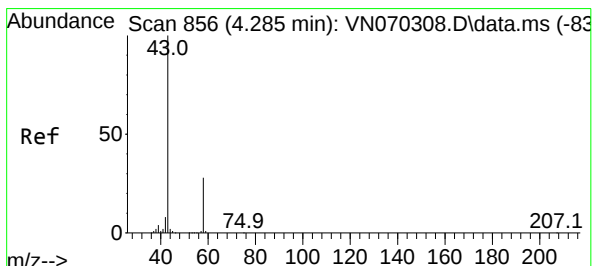
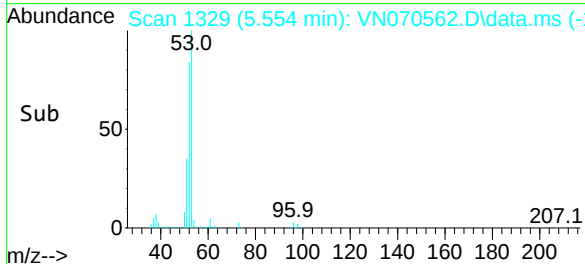
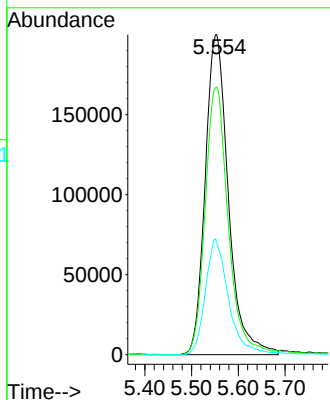
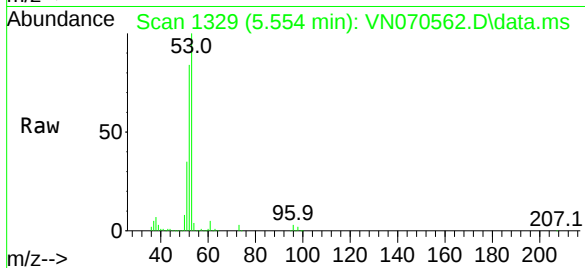
Tgt Ion:	53	Resp:	689694
Ion	Ratio	Lower	Upper
53	100		
52	83.0	66.2	99.2
51	35.8	29.6	44.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/12/2022

Supervised By :Mahesh Dadoda 01/12/2022



#16

Acetone

Concen: 85.445 ug/l

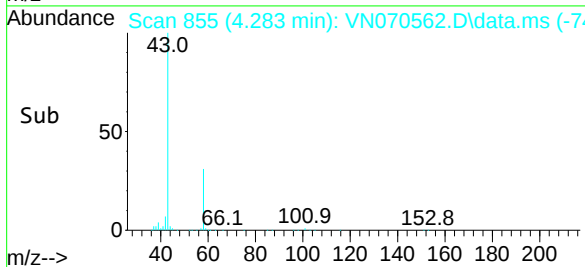
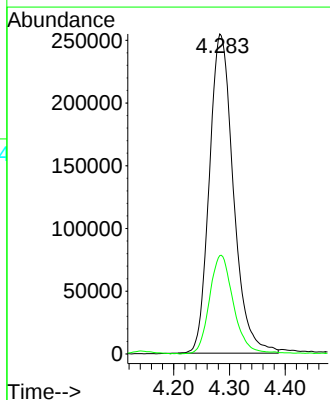
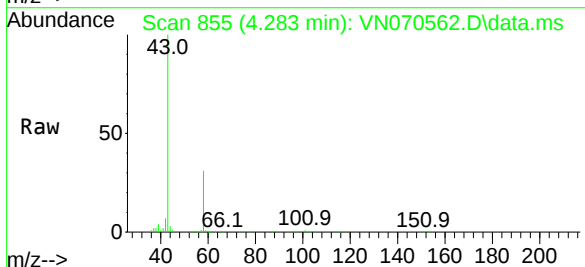
RT: 4.283 min Scan# 855

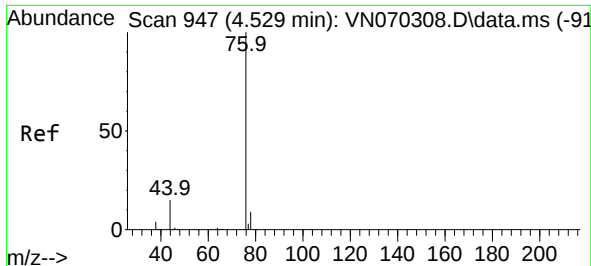
Delta R.T. -0.002 min

Lab File: VN070562.D

Acq: 11 Jan 2022 11:44

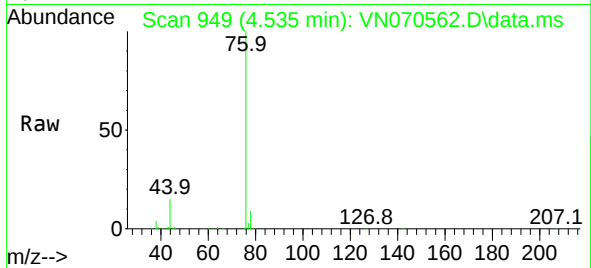
Tgt Ion:	43	Resp:	762270
Ion	Ratio	Lower	Upper
43	100		
58	30.7	23.1	34.7





#17
Carbon Disulfide
Concen: 17.874 ug/l
RT: 4.535 min Scan# 947
Delta R.T. 0.006 min
Lab File: VN070562.D
Acq: 11 Jan 2022 11:44

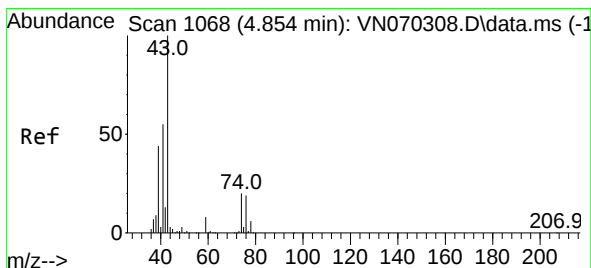
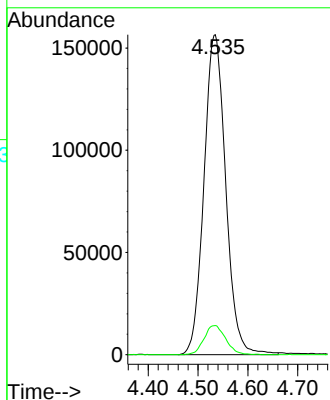
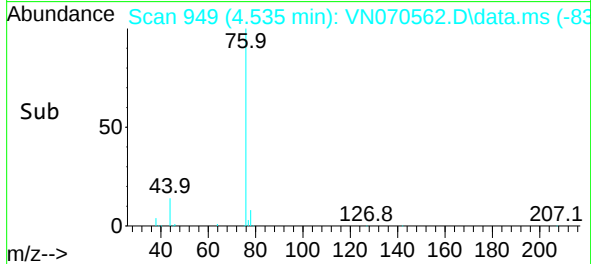
Instrument :
MSVOA_N
ClientSampleId :
VN0111WBS01



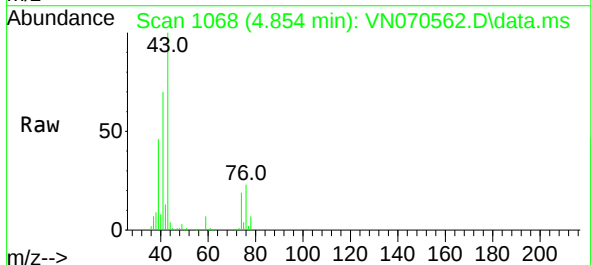
Tgt Ion: 76 Resp: 474949
Ion Ratio Lower Upper
76 100
78 9.1 7.5 11.3

Manual Integrations
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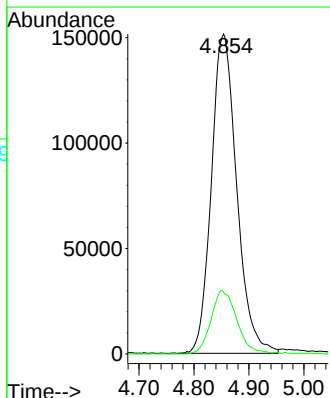
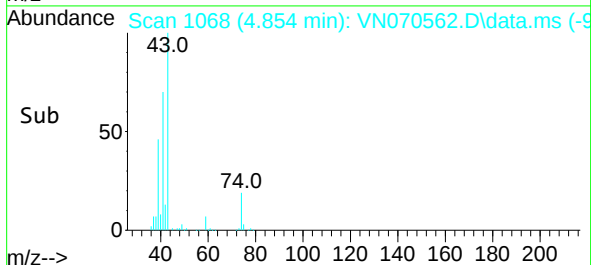
Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022

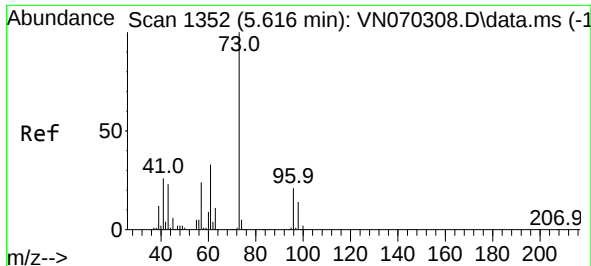


#18
Methyl Acetate
Concen: 18.809 ug/l
RT: 4.854 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VN070562.D
Acq: 11 Jan 2022 11:44



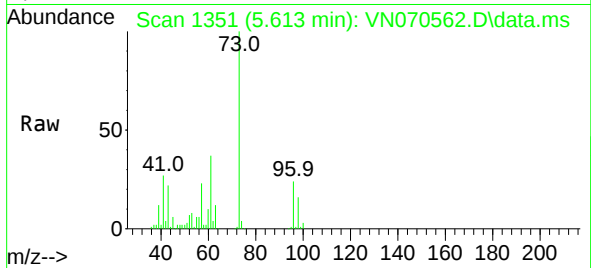
Tgt Ion: 43 Resp: 485373
Ion Ratio Lower Upper
43 100
74 20.2 19.4 29.2





#19
Methyl tert-butyl Ether
Concen: 20.541 ug/l
RT: 5.613 min Scan# 11351
Delta R.T. -0.003 min
Lab File: VN070562.D
Acq: 11 Jan 2022 11:44

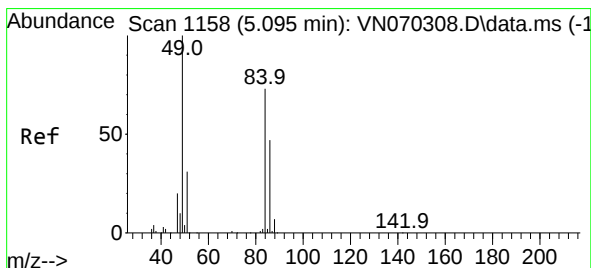
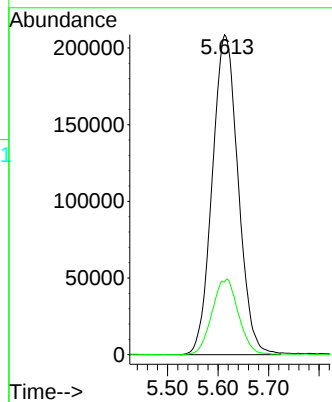
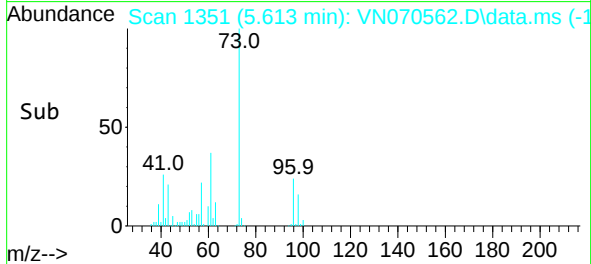
Instrument :
MSVOA_N
ClientSampleId :
VN0111WBS01



Tgt Ion: 73 Resp: 74257
Ion Ratio Lower Upper
73 100
57 22.8 16.8 25.2

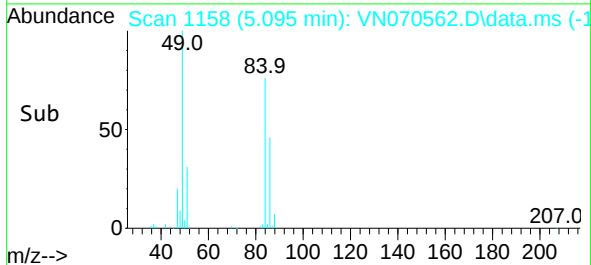
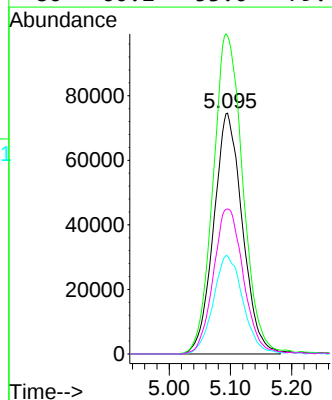
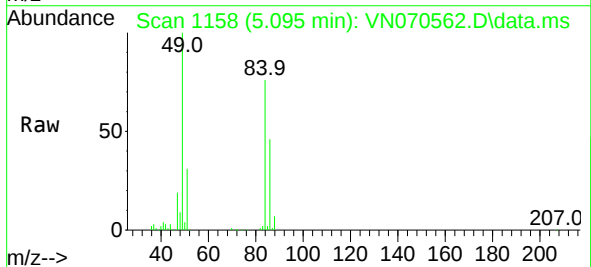
Manual Integrations
APPROVED

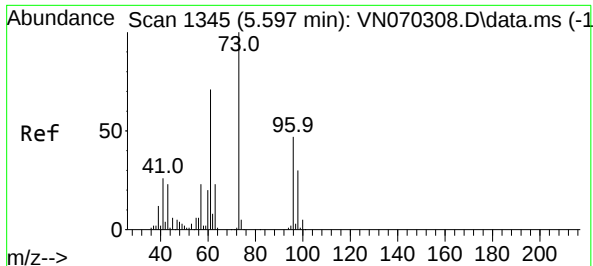
Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022



#20
Methylene Chloride
Concen: 19.657 ug/l
RT: 5.095 min Scan# 1158
Delta R.T. 0.000 min
Lab File: VN070562.D
Acq: 11 Jan 2022 11:44

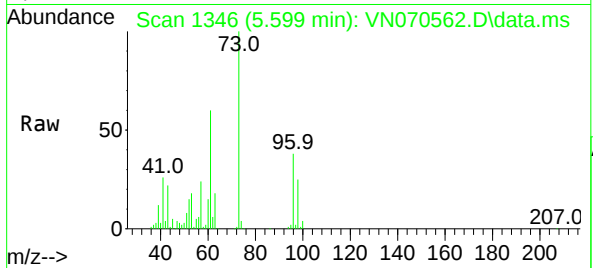
Tgt Ion: 84 Resp: 242628
Ion Ratio Lower Upper
84 100
49 131.9 93.5 140.3
51 40.7 29.4 44.2
86 60.2 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 20.073 ug/l
RT: 5.599 min Scan# 11
Delta R.T. 0.002 min
Lab File: VN070562.D
Acq: 11 Jan 2022 11:44

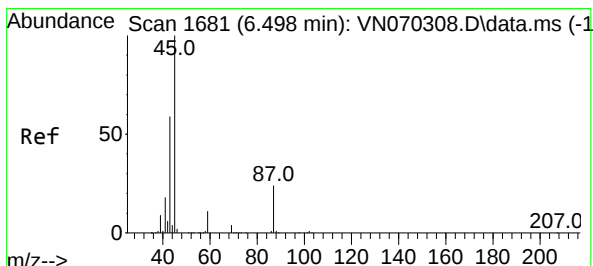
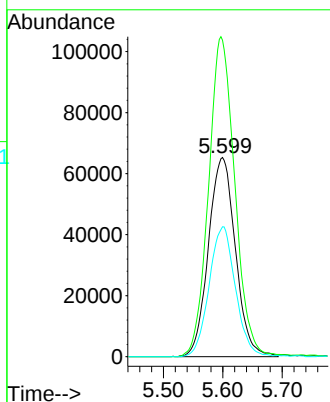
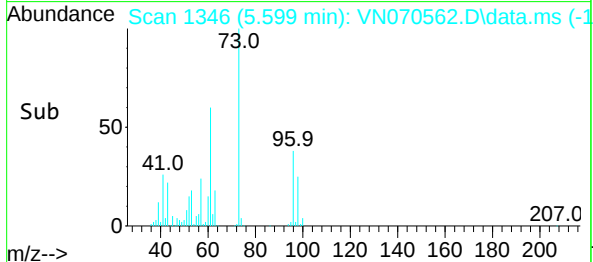
Instrument :
MSVOA_N
ClientSampleId :
VN0111WBS01



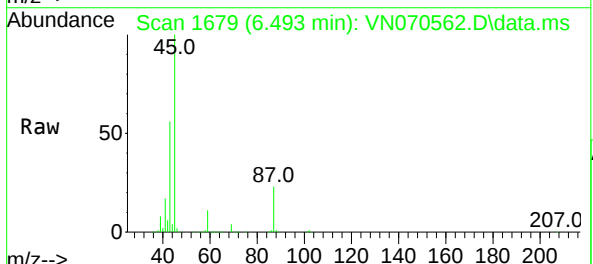
Tgt Ion: 96 Resp: 20689
Ion Ratio Lower Upper
96 100
61 158.9 105.8 158.6
98 65.2 52.0 78.0

Manual Integrations
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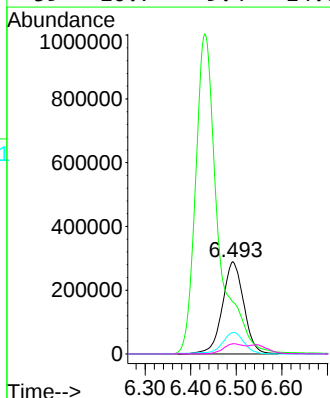
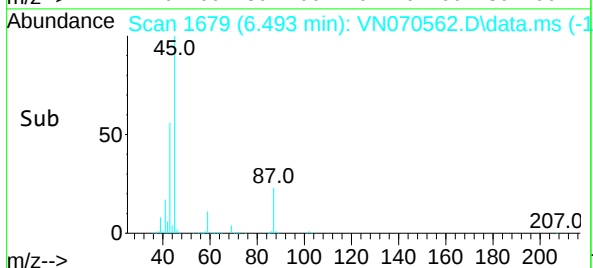
Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022

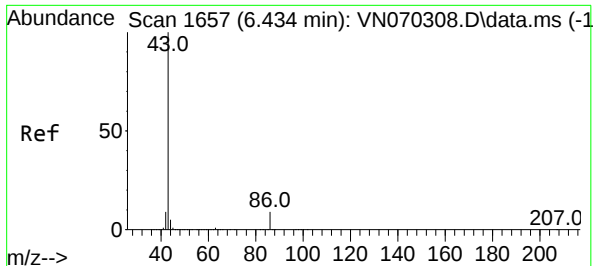


#22
Diisopropyl ether
Concen: 21.930 ug/l
RT: 6.493 min Scan# 1679
Delta R.T. -0.005 min
Lab File: VN070562.D
Acq: 11 Jan 2022 11:44



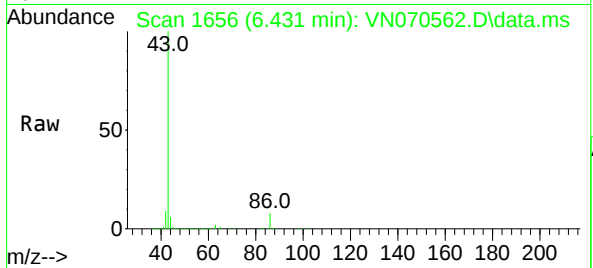
Tgt Ion: 45 Resp: 942708
Ion Ratio Lower Upper
45 100
43 54.4 51.7 77.5
87 23.2 23.2 34.8#
59 10.7 9.4 14.0





#23
 Vinyl Acetate
 Concen: 103.094 ug/l
 RT: 6.431 min Scan# 1656
 Delta R.T. -0.003 min
 Lab File: VN070562.D
 Acq: 11 Jan 2022 11:44

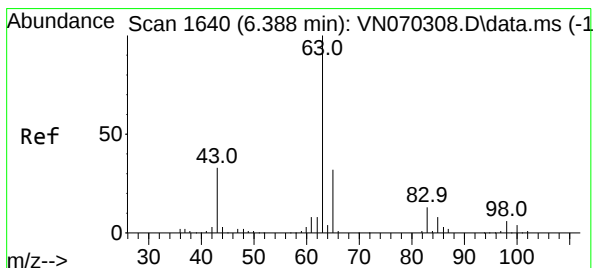
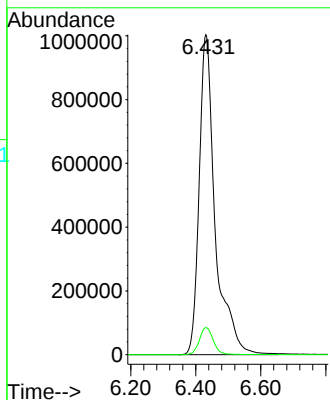
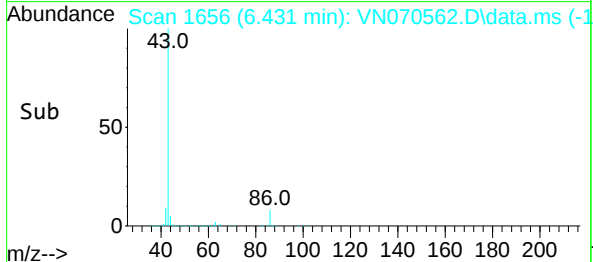
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0111WBS01



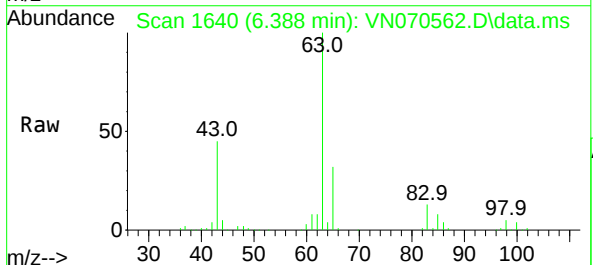
Tgt Ion: 43 Resp: 343846
 Ion Ratio Lower Upper
 43 100
 86 8.5 8.5 12.7

Manual Integrations
 APPROVED

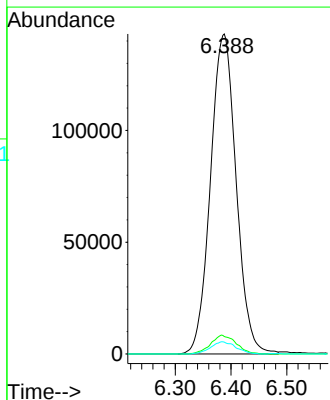
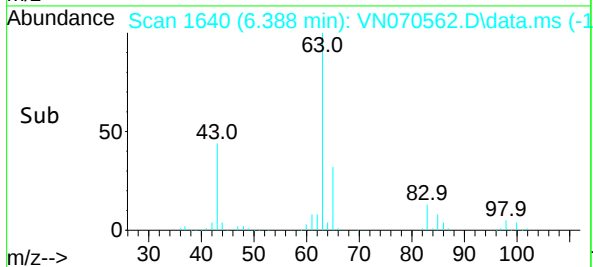
Reviewed By :John Carlone 01/12/2022
 Supervised By :Mahesh Dadoda 01/12/2022

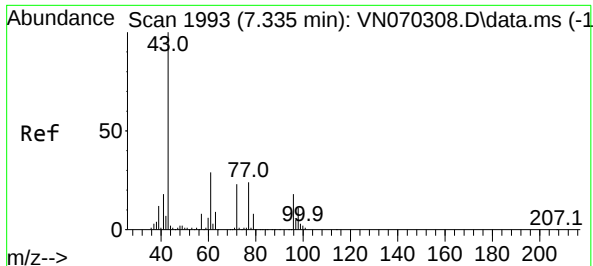


#24
 1,1-Dichloroethane
 Concen: 20.548 ug/l
 RT: 6.388 min Scan# 1640
 Delta R.T. -0.000 min
 Lab File: VN070562.D
 Acq: 11 Jan 2022 11:44



Tgt Ion: 63 Resp: 457996
 Ion Ratio Lower Upper
 63 100
 98 5.5 3.3 9.9
 100 3.7 2.1 6.5





#25

2-Butanone

Concen: 91.554 ug/l

RT: 7.332 min Scan# 1993

Delta R.T. -0.003 min

Lab File: VN070562.D

Acq: 11 Jan 2022 11:44

Instrument :

MSVOA_N

ClientSampleId :

VN0111WBS01

Tgt Ion: 43 Resp: 1028408

Ion Ratio Lower Upper

43 100

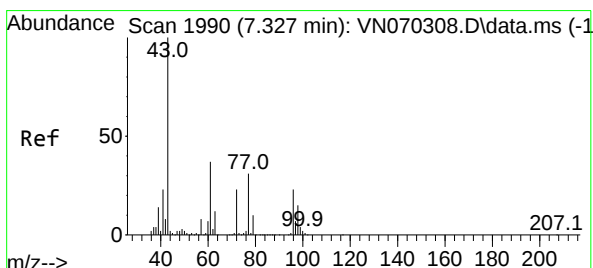
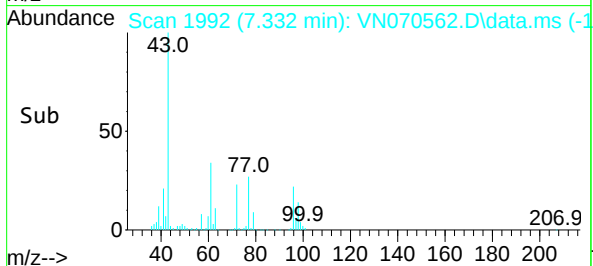
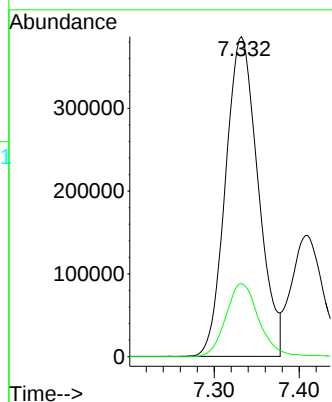
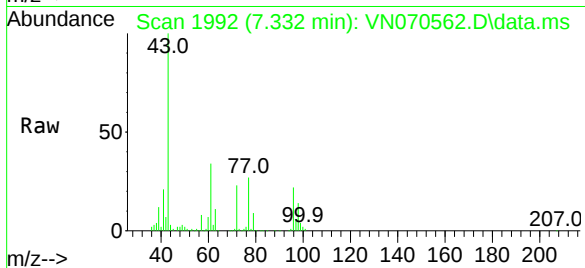
72 22.8 21.7 32.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/12/2022

Supervised By :Mahesh Dadoda 01/12/2022



#26

2,2-Dichloropropane

Concen: 19.503 ug/l

RT: 7.324 min Scan# 1989

Delta R.T. -0.003 min

Lab File: VN070562.D

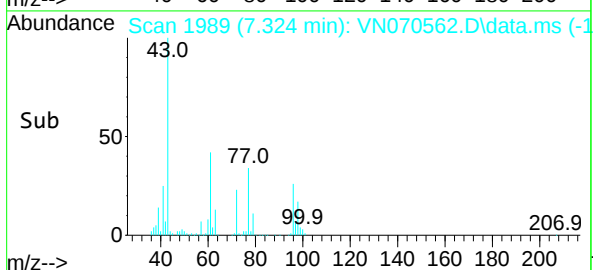
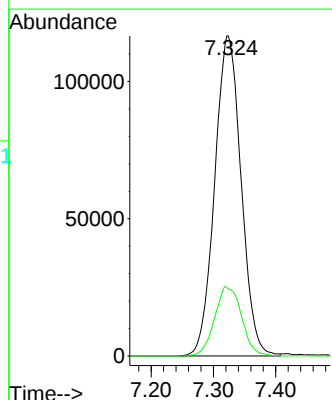
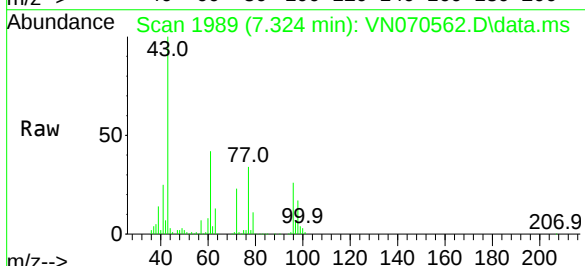
Acq: 11 Jan 2022 11:44

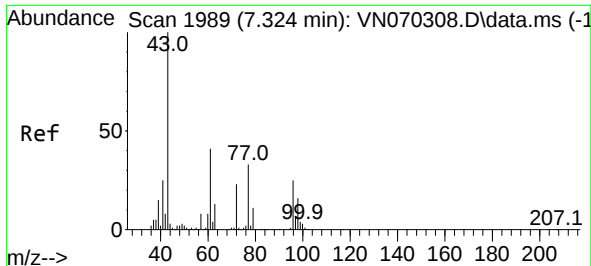
Tgt Ion: 77 Resp: 342940

Ion Ratio Lower Upper

77 100

97 22.1 11.6 34.8





#27

cis-1,2-Dichloroethene

Concen: 20.404 ug/l

RT: 7.324 min Scan# 1989

Delta R.T. -0.000 min

Lab File: VN070562.D

Acq: 11 Jan 2022 11:44

Instrument :

MSVOA_N

ClientSampleId :

VN0111WBS01

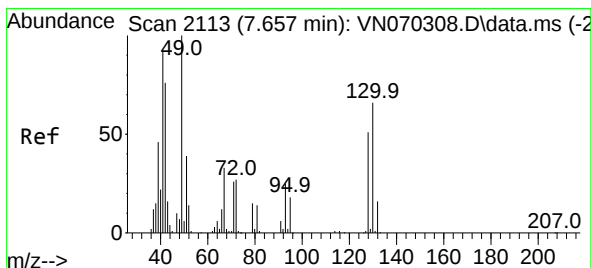
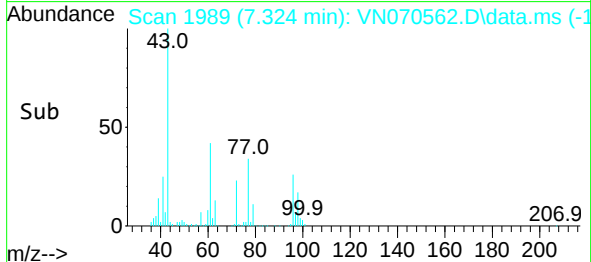
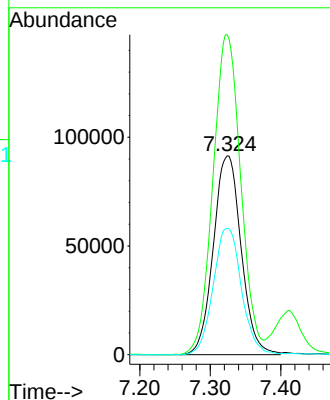
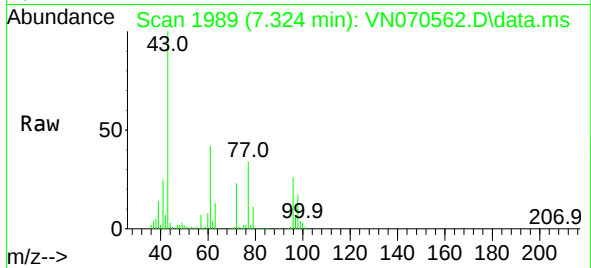
Tgt Ion:	96	Resp:	25093
Ion Ratio	Lower	Upper	
96	100		
61	160.0	0.0	275.0
98	64.4	0.0	129.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/12/2022

Supervised By :Mahesh Dadoda 01/12/2022



#28

Bromochloromethane

Concen: 23.301 ug/l

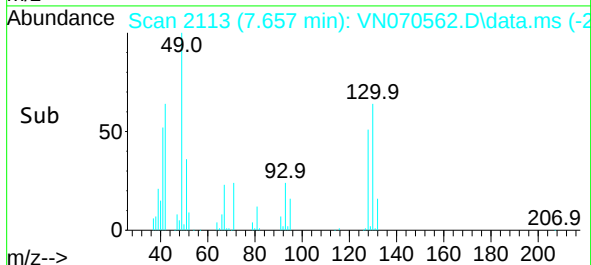
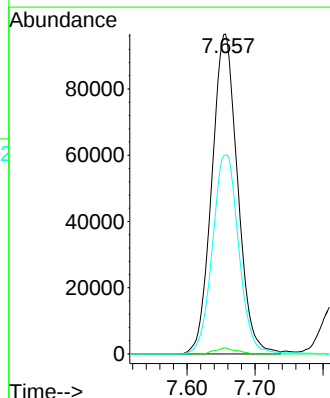
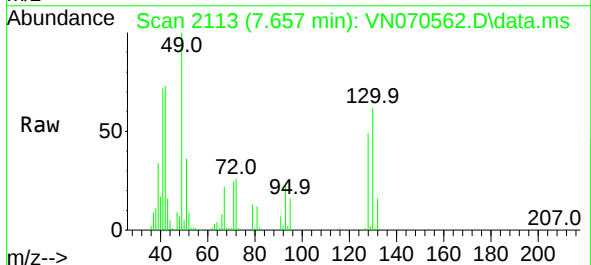
RT: 7.657 min Scan# 2113

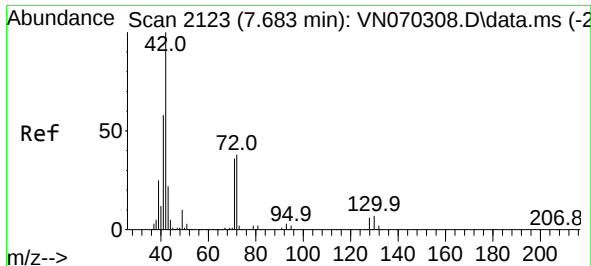
Delta R.T. -0.000 min

Lab File: VN070562.D

Acq: 11 Jan 2022 11:44

Tgt Ion:	49	Resp:	254000
Ion Ratio	Lower	Upper	
49	100		
129	1.6	0.0	4.0
130	63.3	67.8	101.8





#29

Tetrahydrofuran

Concen: 95.062 ug/l

RT: 7.681 min Scan# 2123

Delta R.T. -0.002 min

Lab File: VN070562.D

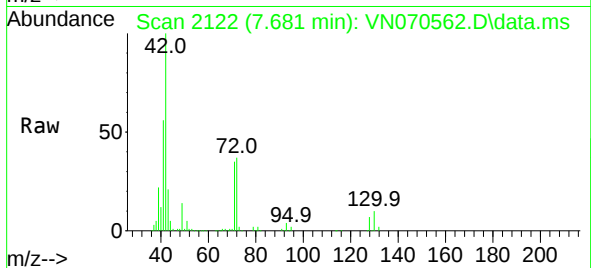
Acq: 11 Jan 2022 11:44

Instrument :

MSVOA_N

ClientSampleId :

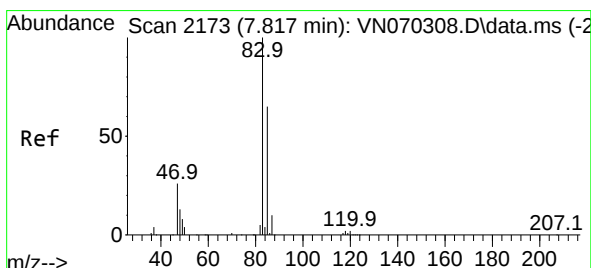
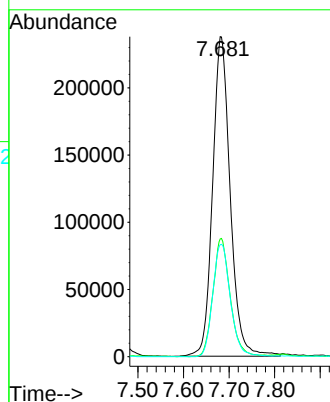
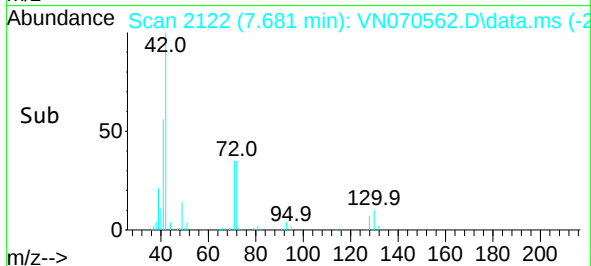
VN0111WBS01



Tgt Ion:	42	Resp:	637099
Ion Ratio	Lower	Upper	
42	100		
72	36.2	36.3	54.5
71	35.1	34.7	52.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022



#30

Chloroform

Concen: 20.326 ug/l

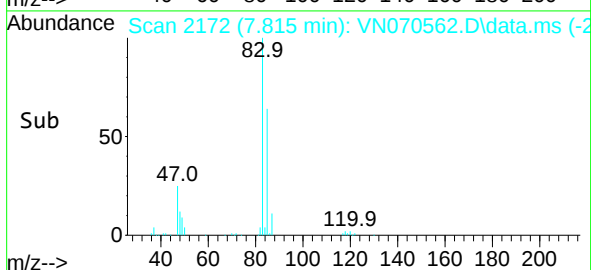
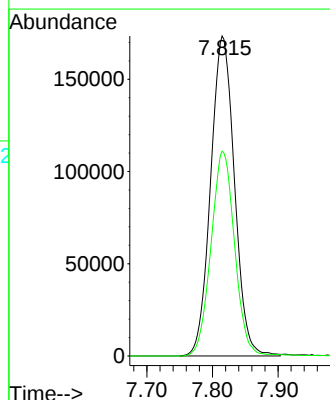
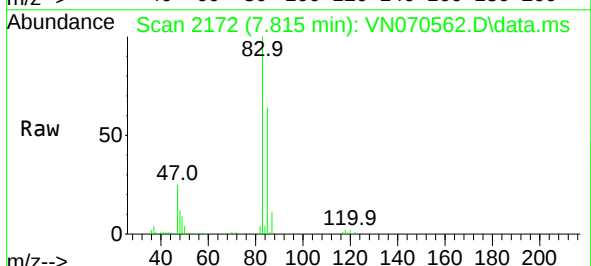
RT: 7.815 min Scan# 2172

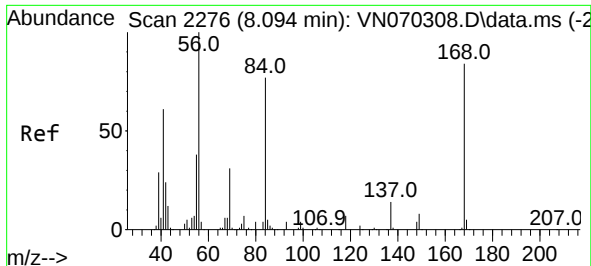
Delta R.T. -0.002 min

Lab File: VN070562.D

Acq: 11 Jan 2022 11:44

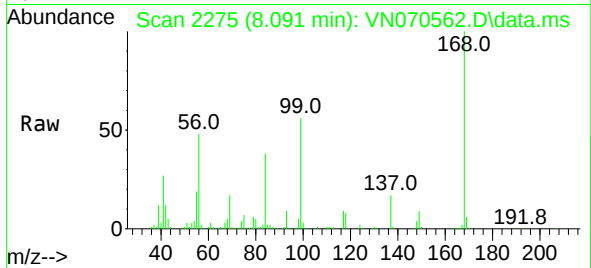
Tgt Ion:	83	Resp:	437086
Ion Ratio	Lower	Upper	
83	100		
85	64.0	51.9	77.9





#31
Cyclohexane
Concen: 20.802 ug/l
RT: 8.091 min Scan# 2275
Delta R.T. -0.003 min
Lab File: VN070562.D
Acq: 11 Jan 2022 11:44

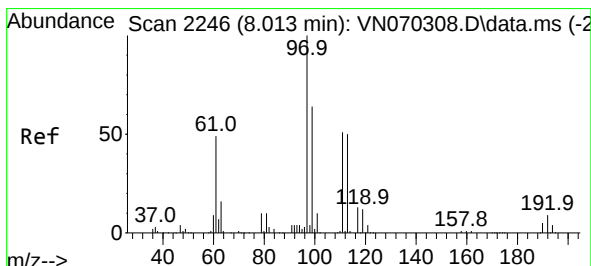
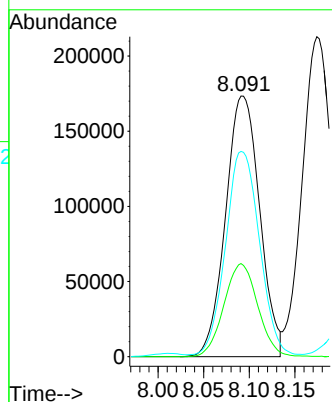
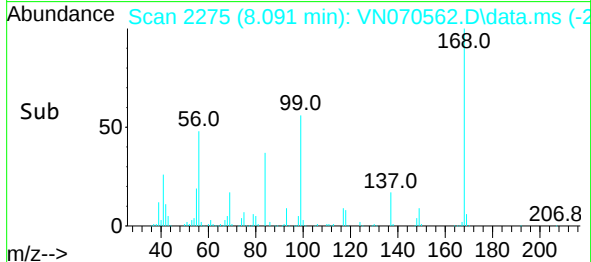
Instrument :
MSVOA_N
ClientSampleId :
VN0111WBS01



Tgt Ion: 56 Resp: 45112
Ion Ratio Lower Upper
56 100
69 35.7 27.1 40.7
84 77.8 73.4 110.0

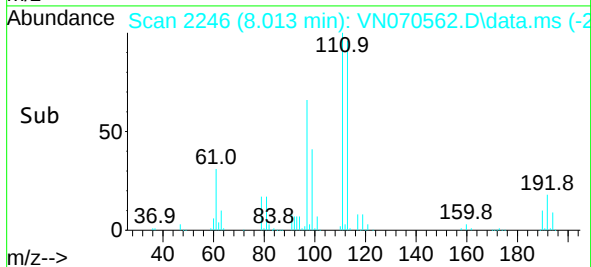
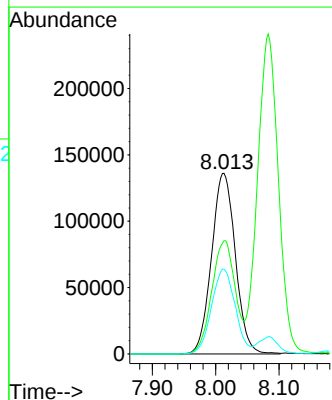
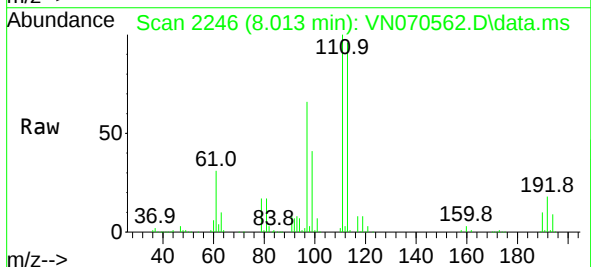
Manual Integrations
APPROVED

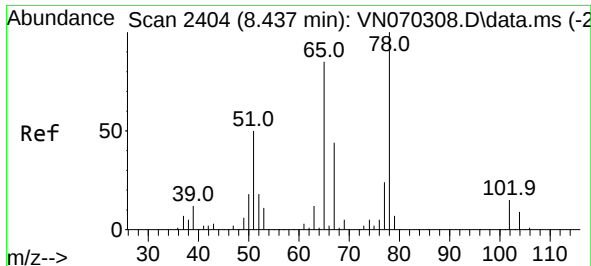
Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022



#32
1,1,1-Trichloroethane
Concen: 19.607 ug/l
RT: 8.013 min Scan# 2246
Delta R.T. 0.000 min
Lab File: VN070562.D
Acq: 11 Jan 2022 11:44

Tgt Ion: 97 Resp: 355491
Ion Ratio Lower Upper
97 100
99 62.2 50.1 75.1
61 46.8 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 49.481 ug/l

RT: 8.434 min Scan# 2404

Delta R.T. -0.003 min

Lab File: VN070562.D

Acq: 11 Jan 2022 11:44

Instrument :

MSVOA_N

ClientSampleId :

VN0111WBS01

Tgt Ion: 65 Resp: 67999

Ion Ratio Lower Upper

65 100

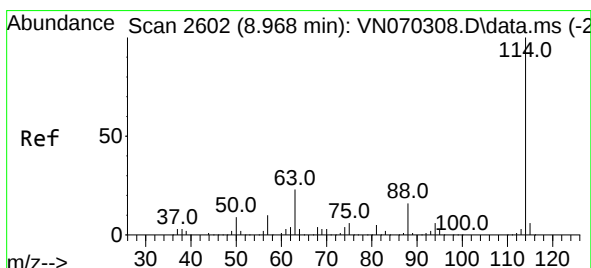
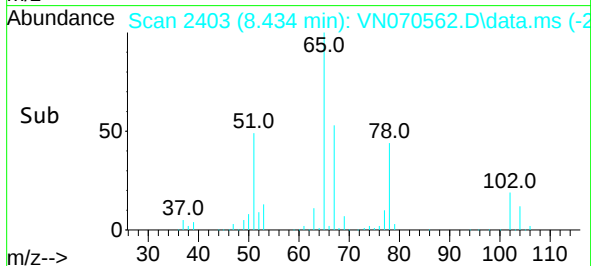
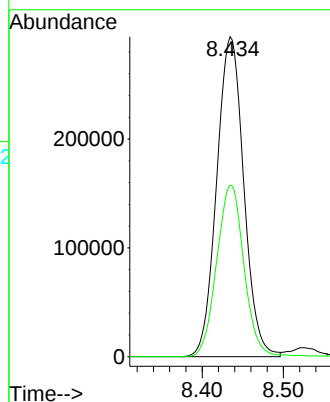
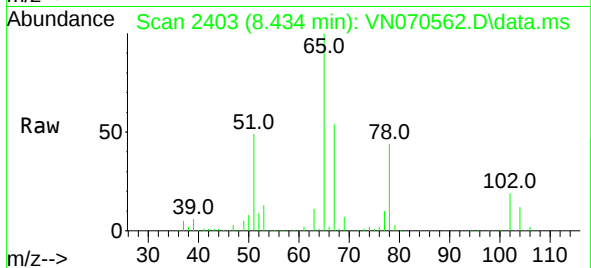
67 54.1 0.0 103.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/12/2022

Supervised By :Mahesh Dadoda 01/12/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.965 min Scan# 2601

Delta R.T. -0.003 min

Lab File: VN070562.D

Acq: 11 Jan 2022 11:44

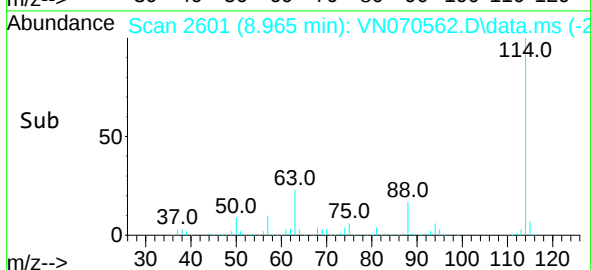
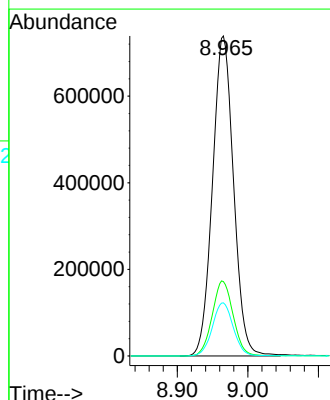
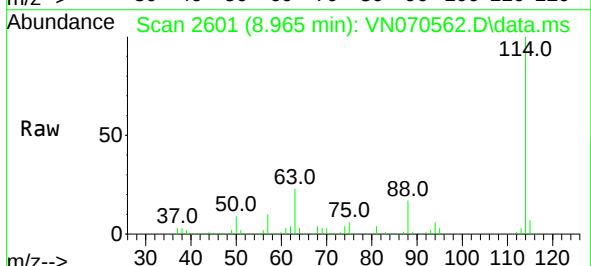
Tgt Ion:114 Resp: 1530960

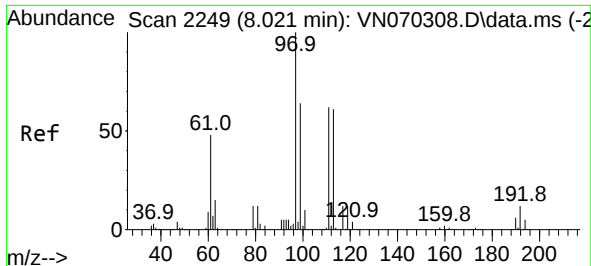
Ion Ratio Lower Upper

114 100

63 23.2 0.0 37.8

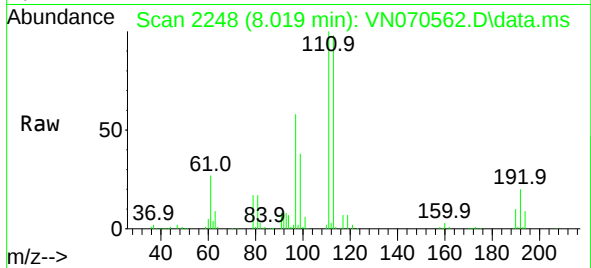
88 16.6 0.0 27.4





#35
Dibromofluoromethane
Concen: 55.975 ug/l
RT: 8.019 min Scan# 2113
Delta R.T. -0.002 min
Lab File: VN070562.D
Acq: 11 Jan 2022 11:44

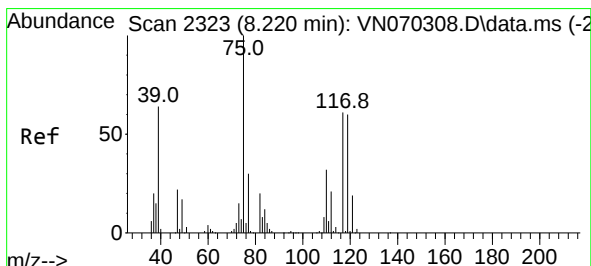
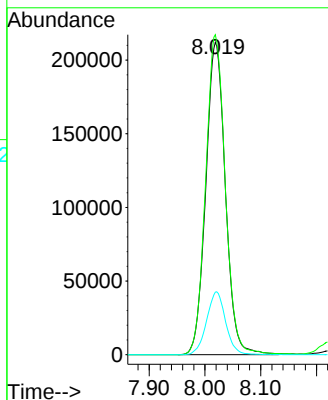
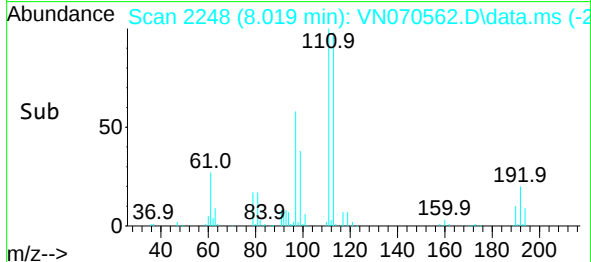
Instrument :
MSVOA_N
ClientSampleId :
VN0111WBS01



Tgt Ion:113 Resp: 518500
Ion Ratio Lower Upper
113 100
111 102.5 82.2 123.2
192 19.6 16.9 25.3

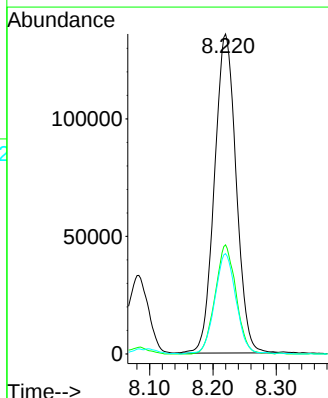
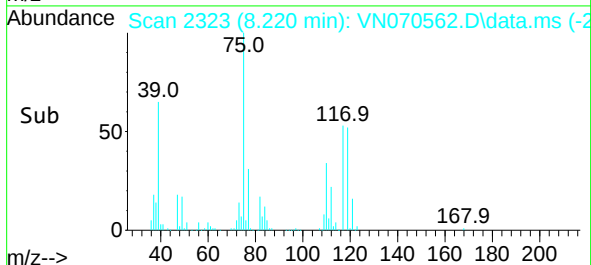
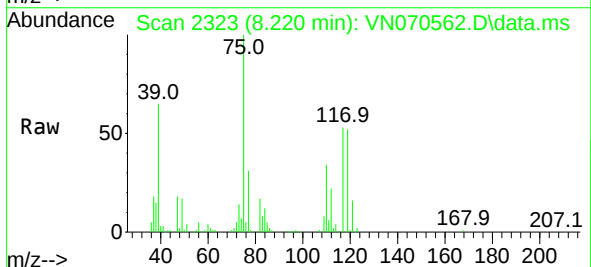
Manual Integrations
APPROVED

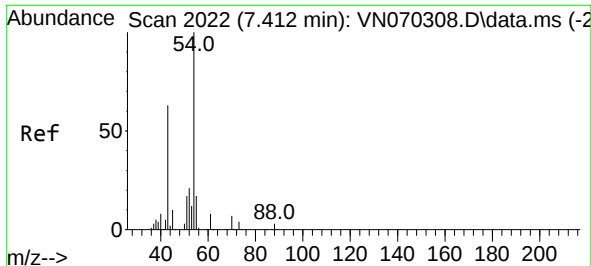
Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022



#36
1,1-Dichloropropene
Concen: 21.095 ug/l
RT: 8.220 min Scan# 2323
Delta R.T. -0.000 min
Lab File: VN070562.D
Acq: 11 Jan 2022 11:44

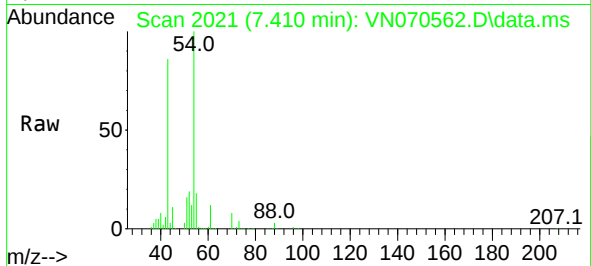
Tgt Ion: 75 Resp: 323245
Ion Ratio Lower Upper
75 100
110 33.0 18.4 55.2
77 30.8 24.4 36.6





#37
Ethyl Acetate
Concen: 19.205 ug/l
RT: 7.410 min Scan# 2022
Delta R.T. -0.002 min
Lab File: VN070562.D
Acq: 11 Jan 2022 11:44

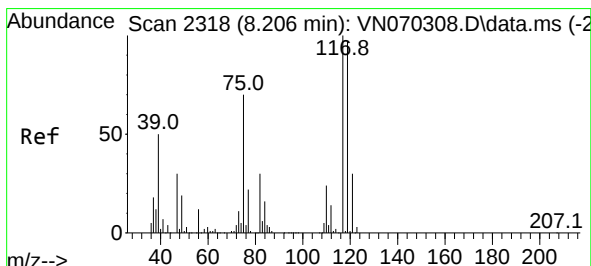
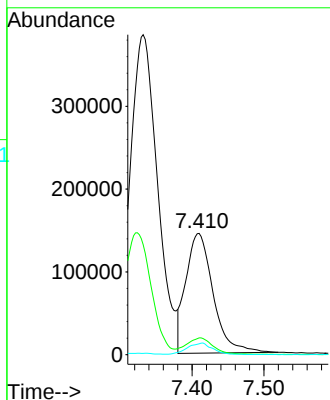
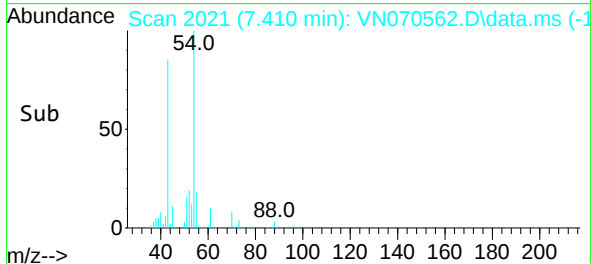
Instrument :
MSVOA_N
ClientSampleId :
VN0111WBS01



Tgt Ion: 43 Resp: 381460
Ion Ratio Lower Upper
43 100
61 13.5 11.5 17.3
70 8.8 7.9 11.9

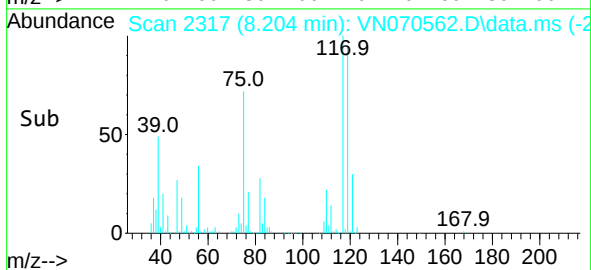
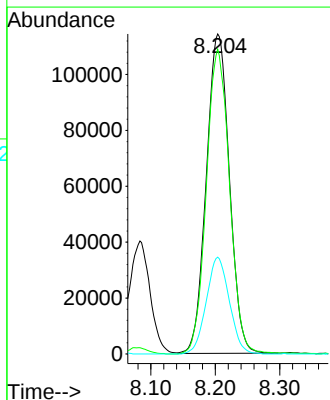
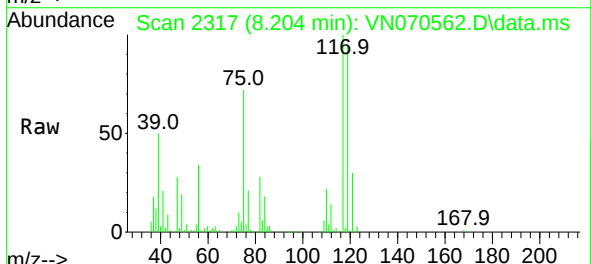
Manual Integrations
APPROVED

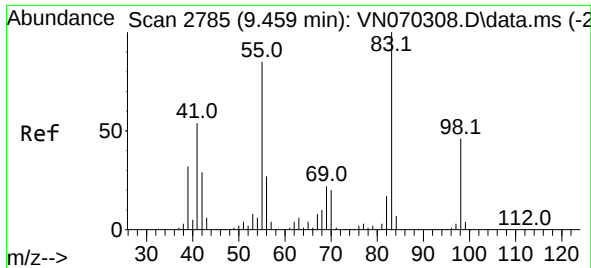
Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022



#38
Carbon Tetrachloride
Concen: 19.462 ug/l
RT: 8.204 min Scan# 2317
Delta R.T. -0.002 min
Lab File: VN070562.D
Acq: 11 Jan 2022 11:44

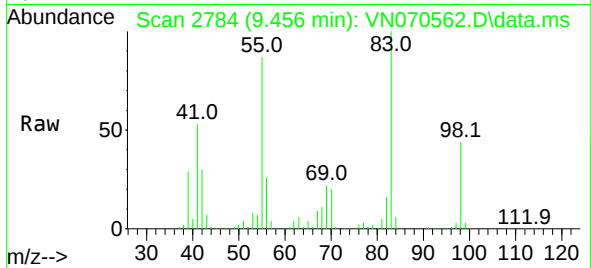
Tgt Ion:117 Resp: 284772
Ion Ratio Lower Upper
117 100
119 95.4 76.1 114.1
121 30.3 24.2 36.2





#39
Methylcyclohexane
Concen: 21.000 ug/l
RT: 9.456 min Scan# 21
Delta R.T. -0.003 min
Lab File: VN070562.D
Acq: 11 Jan 2022 11:44

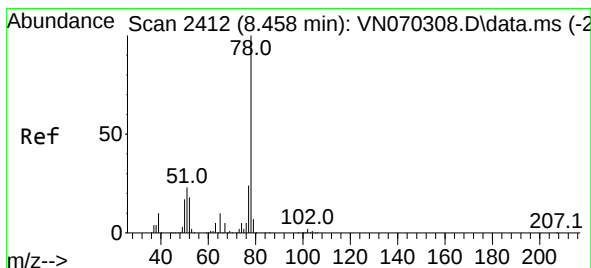
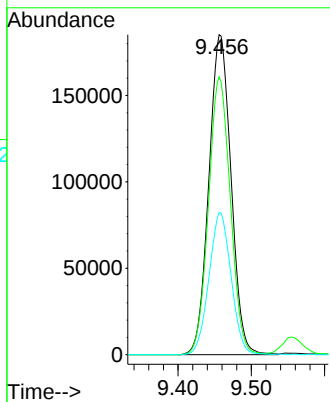
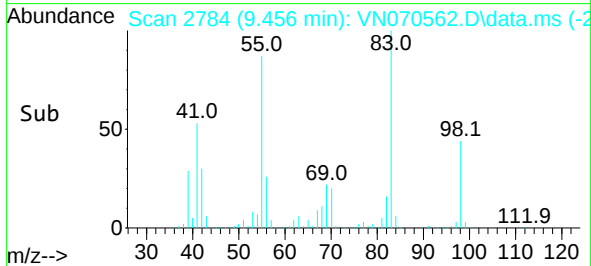
Instrument :
MSVOA_N
ClientSampleId :
VN0111WBS01



Tgt Ion: 83 Resp: 38958
Ion Ratio Lower Upper
83 100
55 86.9 58.1 87.1
98 44.4 38.4 57.6

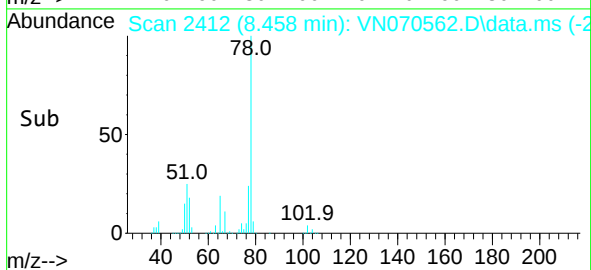
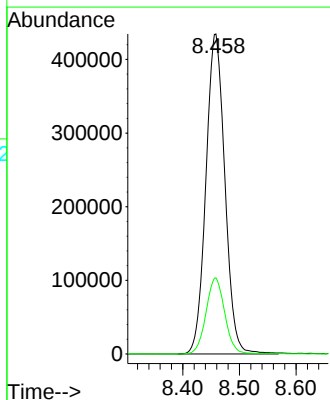
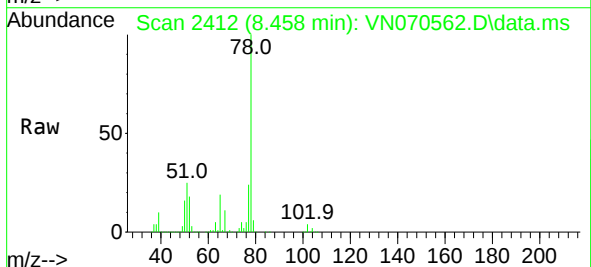
Manual Integrations
APPROVED

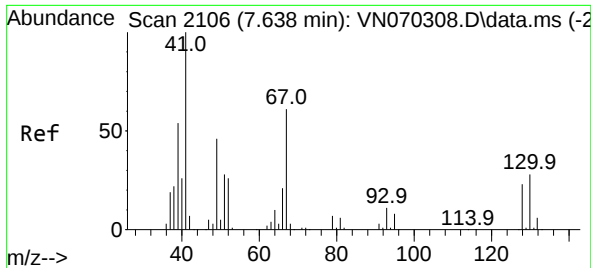
Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022



#40
Benzene
Concen: 21.507 ug/l
RT: 8.458 min Scan# 2412
Delta R.T. 0.000 min
Lab File: VN070562.D
Acq: 11 Jan 2022 11:44

Tgt Ion: 78 Resp: 1010377
Ion Ratio Lower Upper
78 100
77 23.8 18.6 27.8





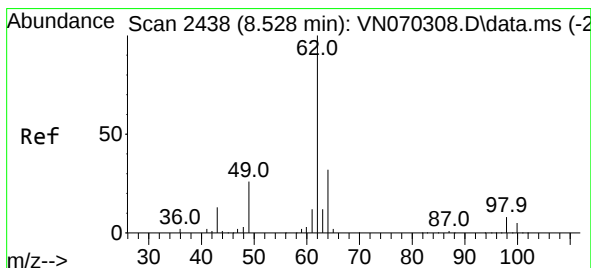
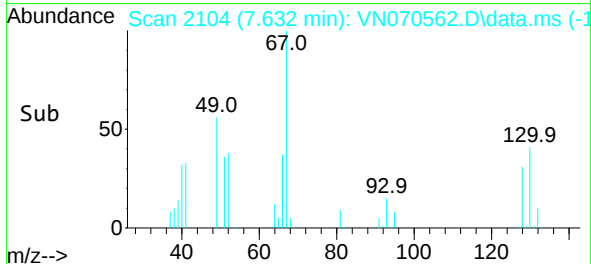
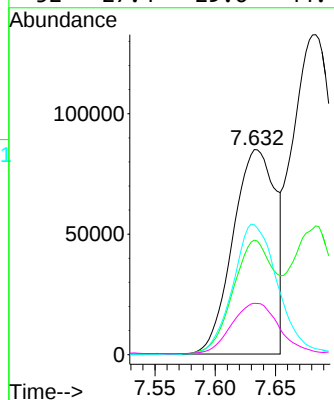
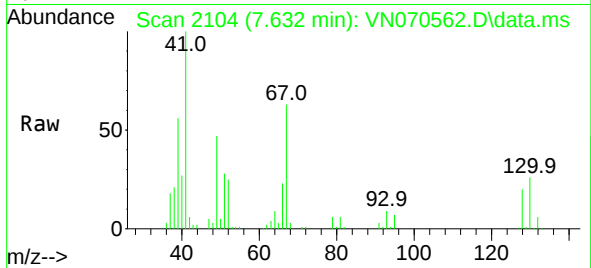
#41
Methacrylonitrile
Concen: 21.053 ug/l
RT: 7.632 min Scan# 2106
Delta R.T. -0.006 min
Lab File: VN070562.D
Acq: 11 Jan 2022 11:44

Instrument :
MSVOA_N
ClientSampleId :
VN0111WBS01

Tgt Ion: 41 Resp: 209162
Ion Ratio Lower Upper
41 100
39 53.3 48.1 72.1
67 67.8 68.3 102.5
52 27.4 29.6 44.4#

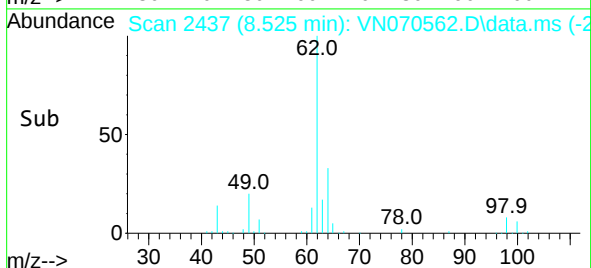
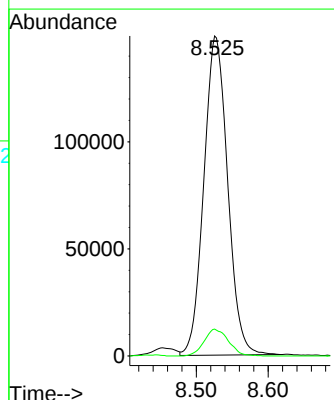
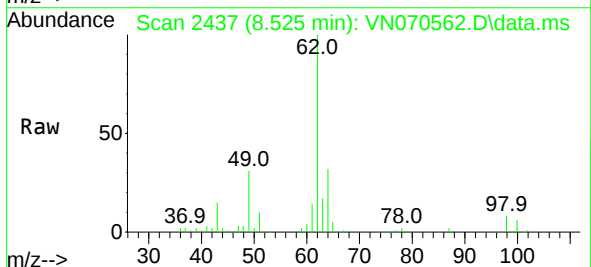
Manual Integrations
APPROVED

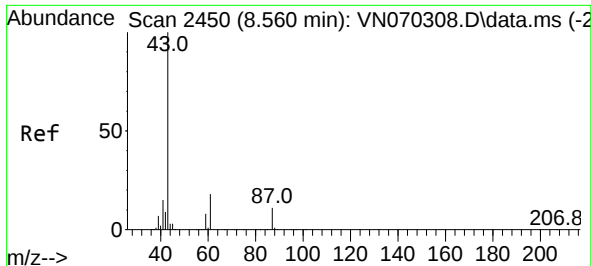
Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022



#42
1,2-Dichloroethane
Concen: 19.442 ug/l
RT: 8.525 min Scan# 2437
Delta R.T. -0.003 min
Lab File: VN070562.D
Acq: 11 Jan 2022 11:44

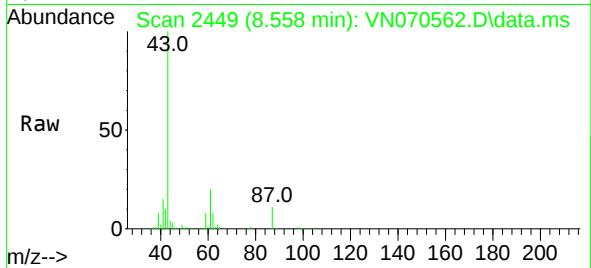
Tgt Ion: 62 Resp: 343305
Ion Ratio Lower Upper
62 100
98 8.6 0.0 17.6





#43
Isopropyl Acetate
Concen: 19.806 ug/l
RT: 8.558 min Scan# 2449
Delta R.T. -0.002 min
Lab File: VN070562.D
Acq: 11 Jan 2022 11:44

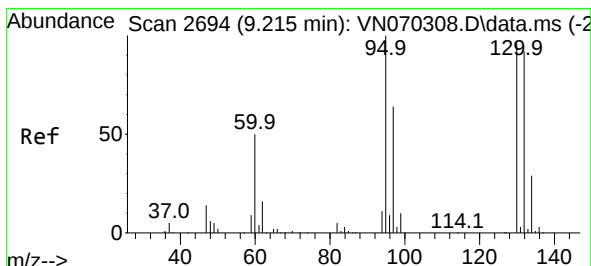
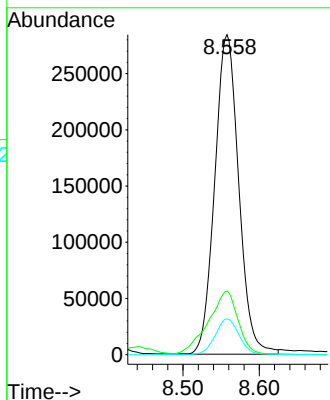
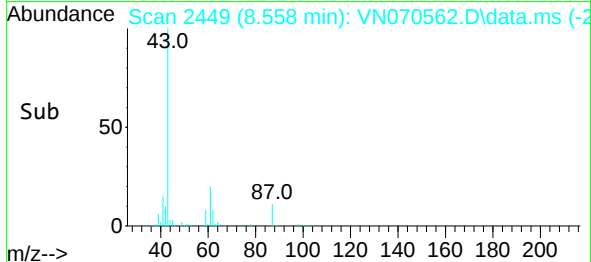
Instrument :
MSVOA_N
ClientSampleId :
VN0111WBS01



Tgt Ion: 43 Resp: 62023
Ion Ratio Lower Upper
43 100
61 24.5 20.4 30.6
87 11.3 11.2 16.8

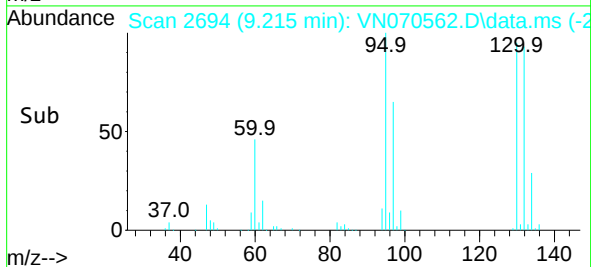
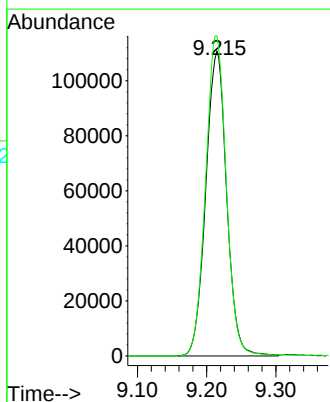
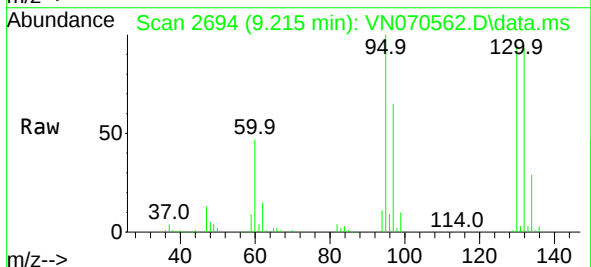
Manual Integrations
APPROVED

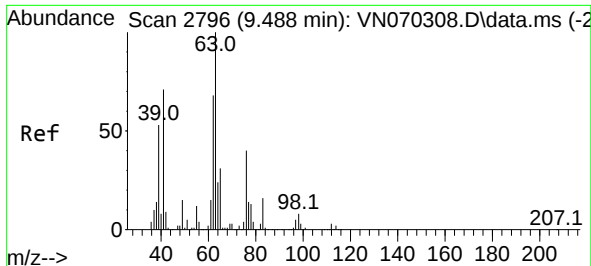
Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022



#44
Trichloroethene
Concen: 20.771 ug/l
RT: 9.215 min Scan# 2694
Delta R.T. -0.000 min
Lab File: VN070562.D
Acq: 11 Jan 2022 11:44

Tgt Ion:130 Resp: 231853
Ion Ratio Lower Upper
130 100
95 105.0 0.0 191.2





#45

1,2-Dichloropropane

Concen: 22.465 ug/l

RT: 9.486 min Scan# 21

Delta R.T. -0.002 min

Lab File: VN070562.D

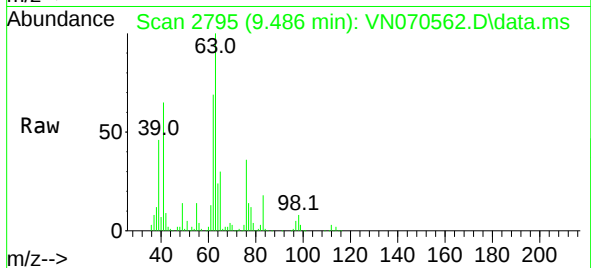
Acq: 11 Jan 2022 11:44

Instrument :

MSVOA_N

ClientSampleId :

VN0111WBS01



Tgt Ion: 63 Resp: 28416

Ion Ratio Lower Upper

63 100

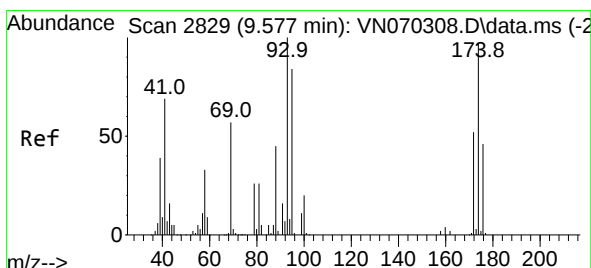
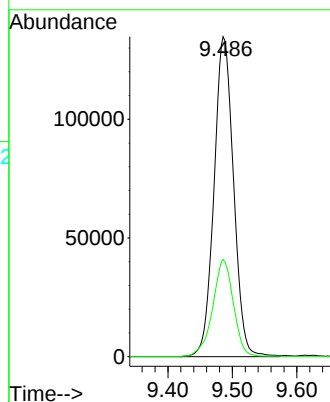
65 30.3 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/12/2022

Supervised By :Mahesh Dadoda 01/12/2022



#46

Dibromomethane

Concen: 20.532 ug/l

RT: 9.574 min Scan# 2828

Delta R.T. -0.003 min

Lab File: VN070562.D

Acq: 11 Jan 2022 11:44

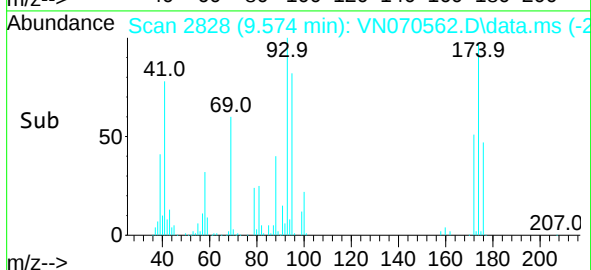
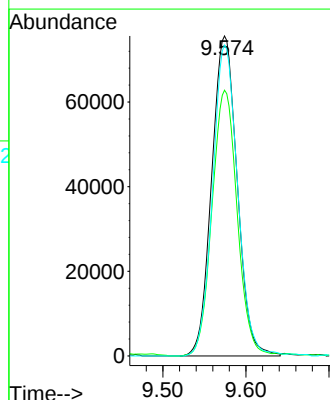
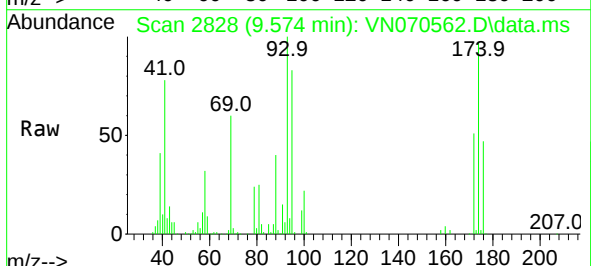
Tgt Ion: 93 Resp: 161489

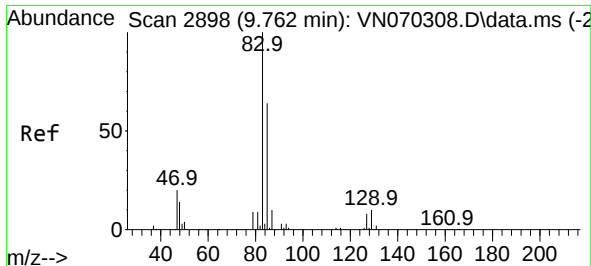
Ion Ratio Lower Upper

93 100

95 81.9 65.9 98.9

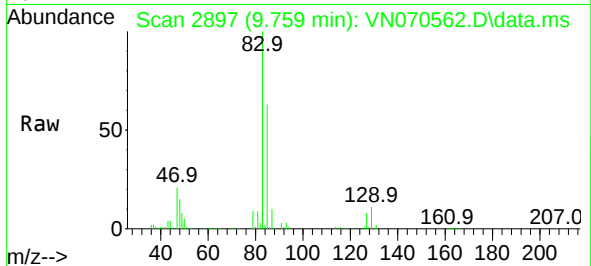
174 95.3 84.6 127.0





#47
Bromodichloromethane
Concen: 20.635 ug/l
RT: 9.759 min Scan# 2897
Delta R.T. -0.003 min
Lab File: VN070562.D
Acq: 11 Jan 2022 11:44

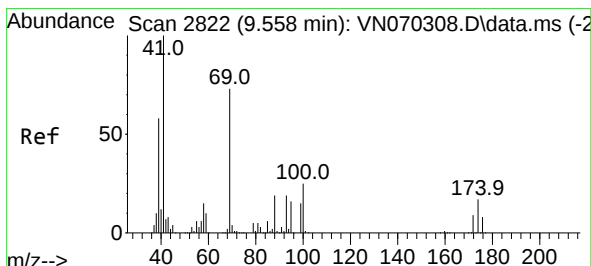
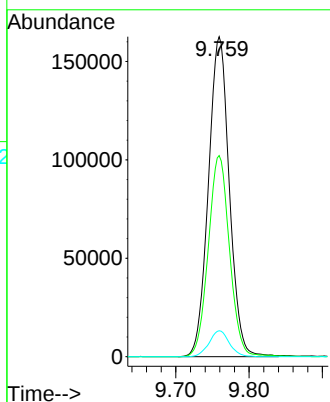
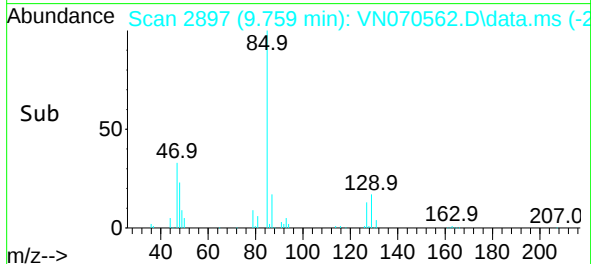
Instrument :
MSVOA_N
ClientSampleId :
VN0111WBS01



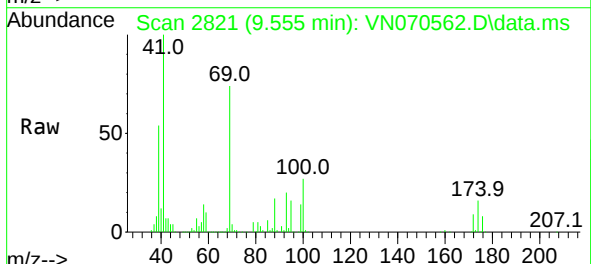
Tgt Ion: 83 Resp: 32227
Ion Ratio Lower Upper
83 100
85 62.8 50.9 76.3
127 8.1 7.1 10.7

Manual Integrations
APPROVED

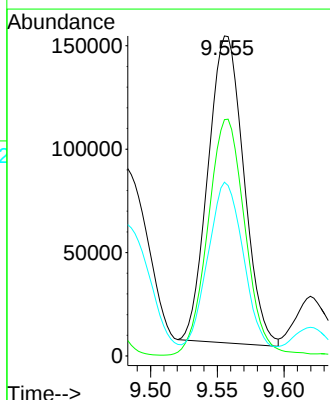
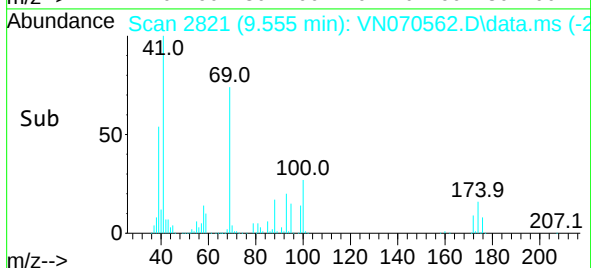
Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022

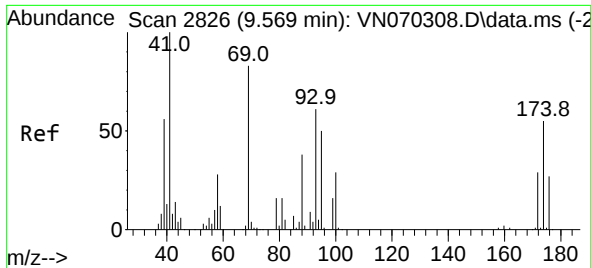


#48
Methyl methacrylate
Concen: 18.480 ug/l
RT: 9.555 min Scan# 2821
Delta R.T. -0.003 min
Lab File: VN070562.D
Acq: 11 Jan 2022 11:44



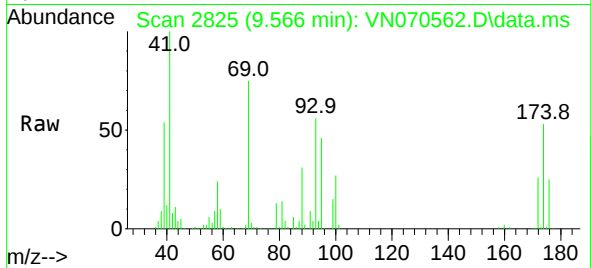
Tgt Ion: 41 Resp: 276044
Ion Ratio Lower Upper
41 100
69 80.0 72.4 108.6
39 57.9 58.4 87.6#





#49
1,4-Dioxane
Concen: 360.901 ug/l
RT: 9.566 min Scan# 2826
Delta R.T. -0.003 min
Lab File: VN070562.D
Acq: 11 Jan 2022 11:44

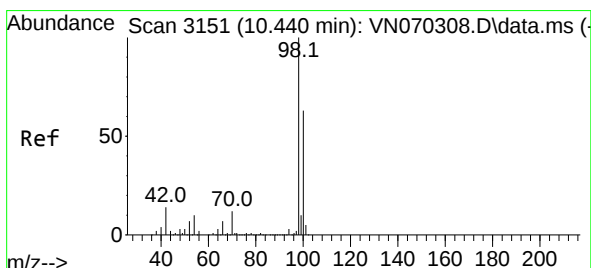
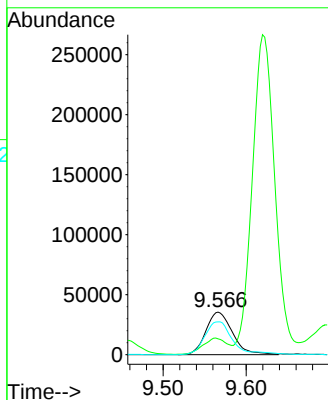
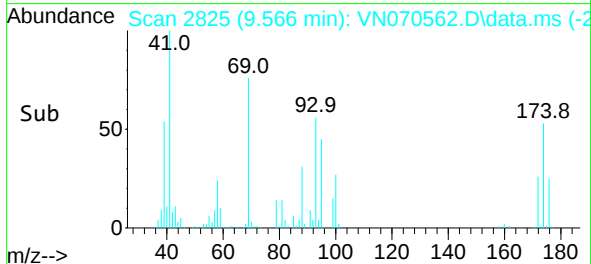
Instrument :
MSVOA_N
ClientSampleId :
VN0111WBS01



Tgt Ion: 88 Resp: 7891
Ion Ratio Lower Upper
88 100
43 34.0 23.4 35.2
58 76.3 50.6 75.8

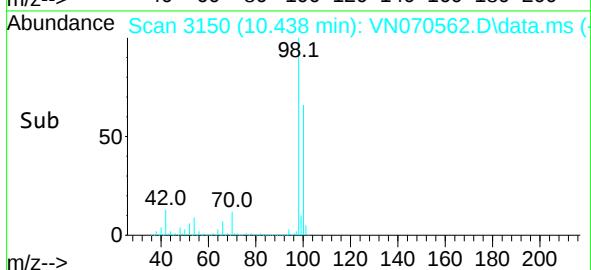
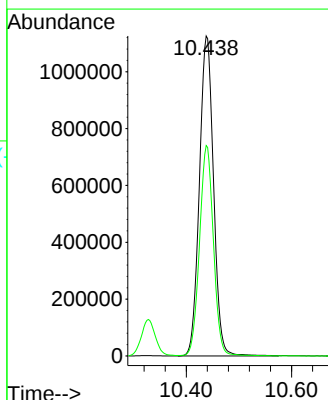
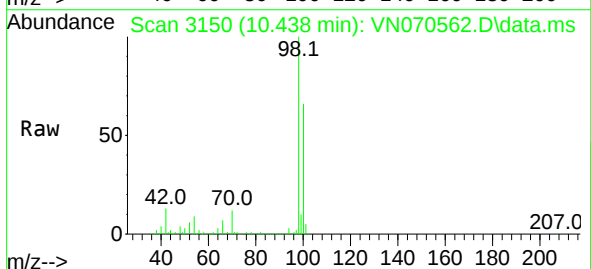
Manual Integrations
APPROVED

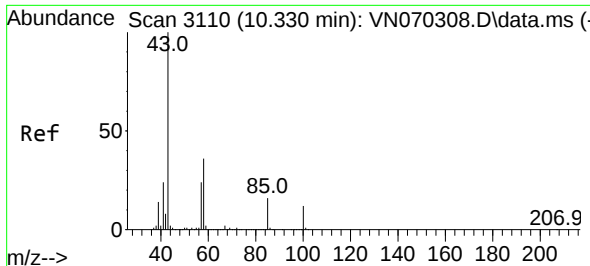
Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022



#50
Toluene-d8
Concen: 55.485 ug/l
RT: 10.438 min Scan# 3150
Delta R.T. -0.002 min
Lab File: VN070562.D
Acq: 11 Jan 2022 11:44

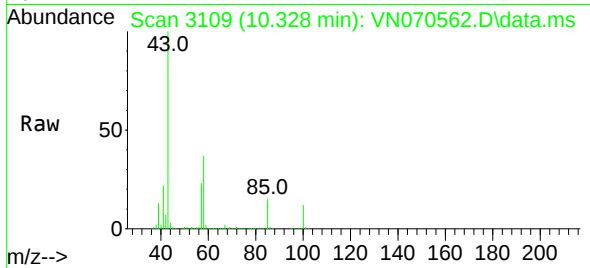
Tgt Ion: 98 Resp: 2099583
Ion Ratio Lower Upper
98 100
100 64.5 50.4 75.6





#51
4-Methyl-2-Pentanone
Concen: 99.100 ug/l
RT: 10.328 min Scan# 3110
Delta R.T. -0.002 min
Lab File: VN070562.D
Acq: 11 Jan 2022 11:44

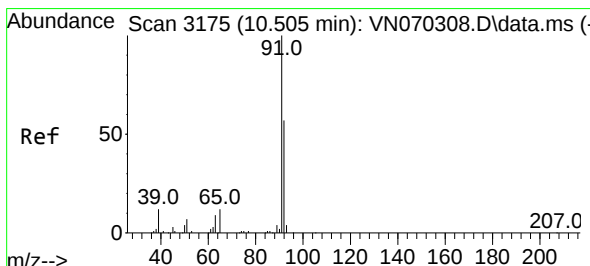
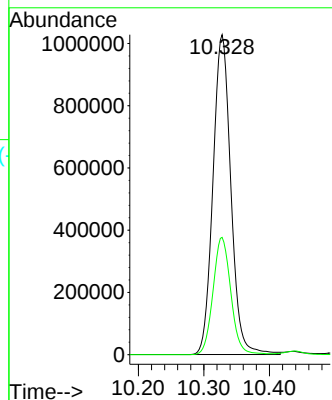
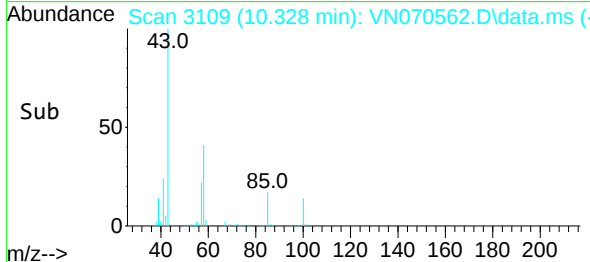
Instrument :
MSVOA_N
ClientSampleId :
VN0111WBS01



Tgt Ion: 43 Resp: 195006
Ion Ratio Lower Upper
43 100
58 36.5 30.4 45.6

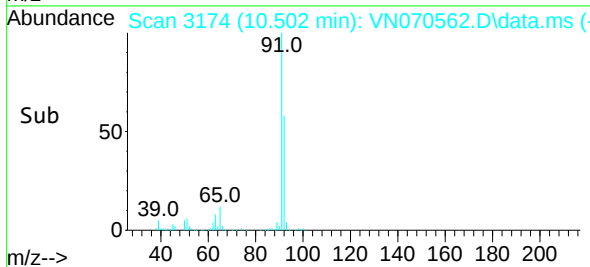
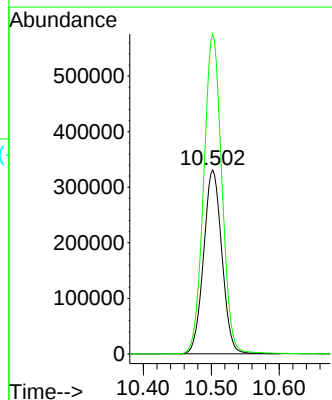
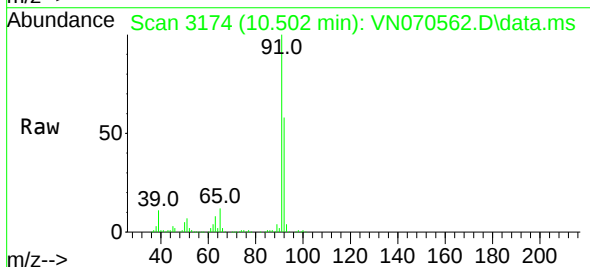
Manual Integrations
APPROVED

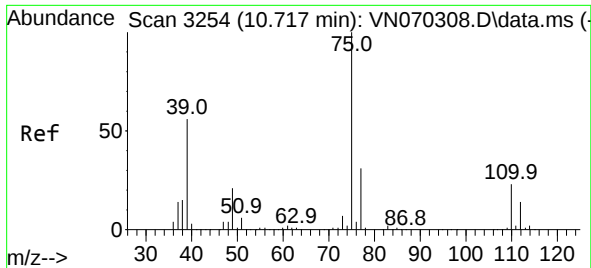
Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022



#52
Toluene
Concen: 21.721 ug/l
RT: 10.502 min Scan# 3174
Delta R.T. -0.003 min
Lab File: VN070562.D
Acq: 11 Jan 2022 11:44

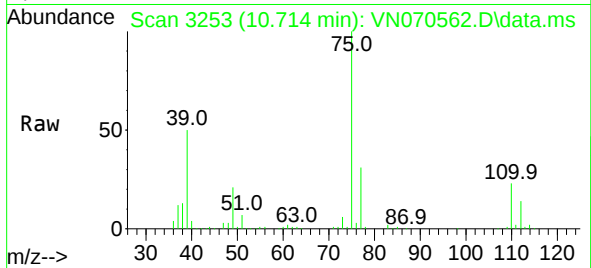
Tgt Ion: 92 Resp: 617665
Ion Ratio Lower Upper
92 100
91 172.9 142.0 213.0





#53
t-1,3-Dichloropropene
Concen: 20.758 ug/l
RT: 10.714 min Scan# 31
Delta R.T. -0.003 min
Lab File: VN070562.D
Acq: 11 Jan 2022 11:44

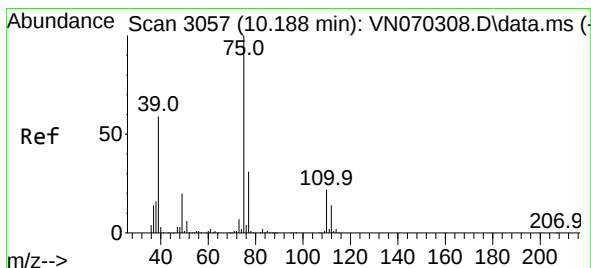
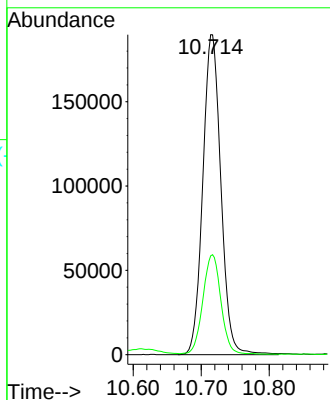
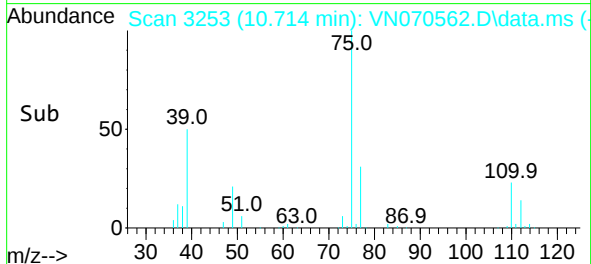
Instrument :
MSVOA_N
ClientSampleId :
VN0111WBS01



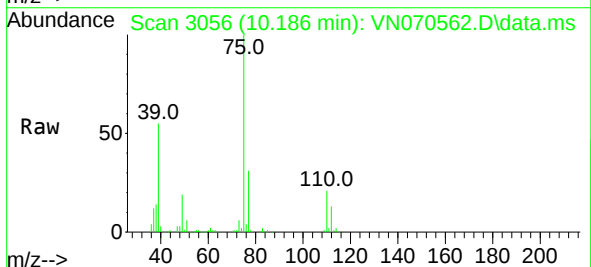
Tgt Ion: 75 Resp: 350958
Ion Ratio Lower Upper
75 100
77 30.7 25.6 38.4

Manual Integrations
APPROVED

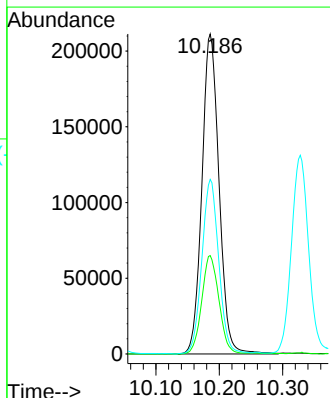
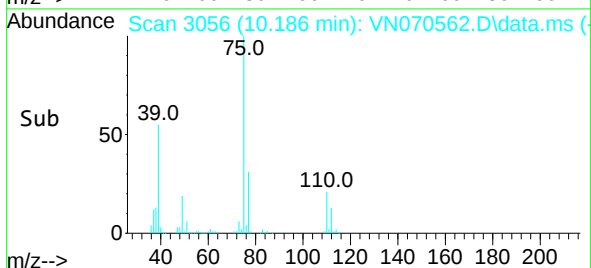
Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022

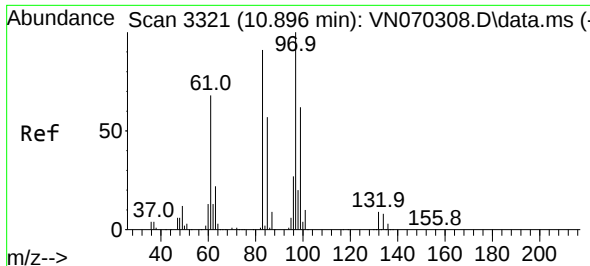


#54
cis-1,3-Dichloropropene
Concen: 21.670 ug/l
RT: 10.186 min Scan# 3056
Delta R.T. -0.002 min
Lab File: VN070562.D
Acq: 11 Jan 2022 11:44



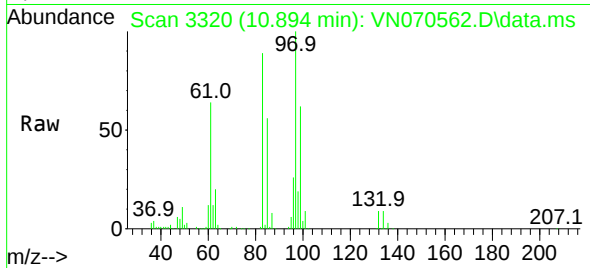
Tgt Ion: 75 Resp: 396338
Ion Ratio Lower Upper
75 100
77 30.8 26.4 39.6
39 54.5 42.5 63.7





#55
1,1,2-Trichloroethane
Concen: 21.326 ug/l
RT: 10.894 min Scan# 31
Delta R.T. -0.002 min
Lab File: VN070562.D
Acq: 11 Jan 2022 11:44

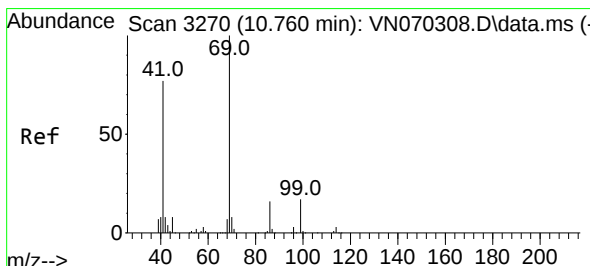
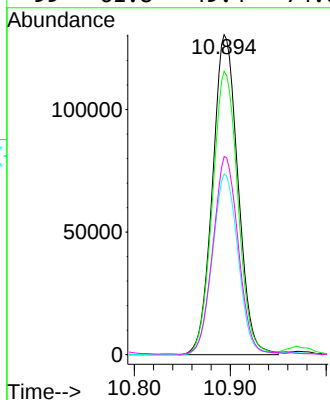
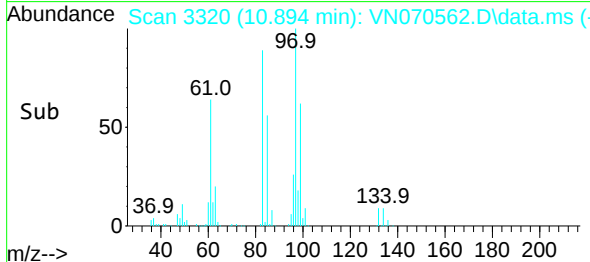
Instrument :
MSVOA_N
ClientSampleId :
VN0111WBS01



Tgt Ion: 97 Resp: 23994
Ion Ratio Lower Upper
97 100
83 88.6 67.8 101.6
85 56.5 45.4 68.2
99 61.8 49.4 74.0

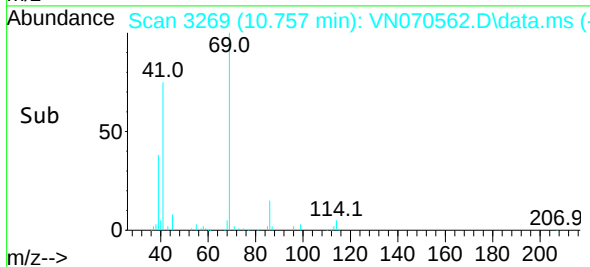
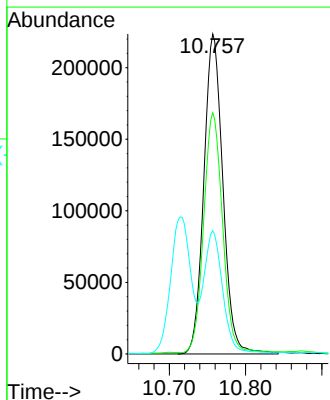
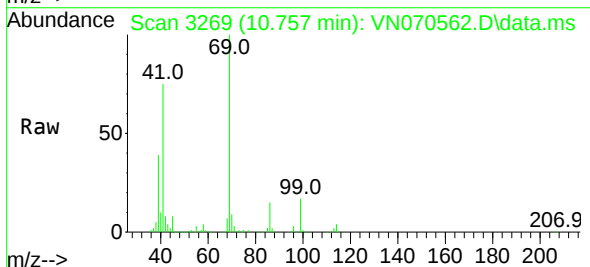
Manual Integrations
APPROVED

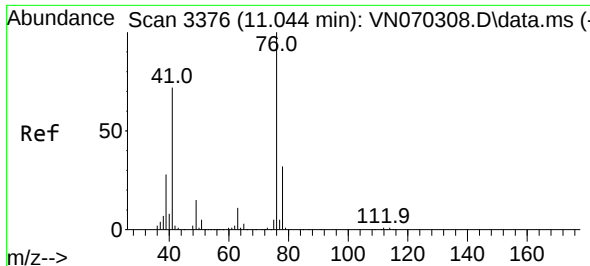
Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022



#56
Ethyl methacrylate
Concen: 20.859 ug/l
RT: 10.757 min Scan# 3269
Delta R.T. -0.003 min
Lab File: VN070562.D
Acq: 11 Jan 2022 11:44

Tgt Ion: 69 Resp: 387777
Ion Ratio Lower Upper
69 100
41 74.1 51.4 77.0
39 36.8 34.6 52.0





#57

1,3-Dichloropropane

Concen: 21.574 ug/l

RT: 11.041 min Scan# 31

Delta R.T. -0.003 min

Lab File: VN070562.D

Acq: 11 Jan 2022 11:44

Instrument :

MSVOA_N

ClientSampleId :

VN0111WBS01

Tgt Ion: 76 Resp: 429320

Ion Ratio Lower Upper

76 100

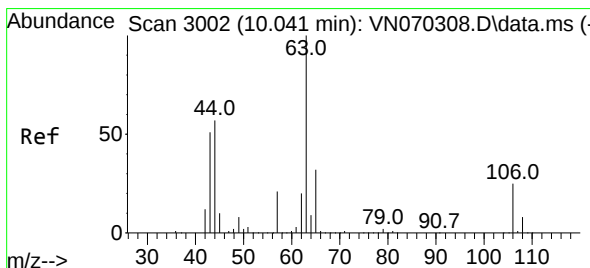
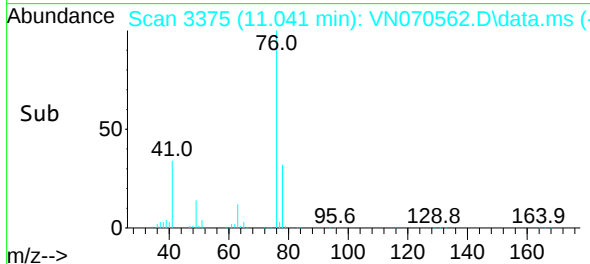
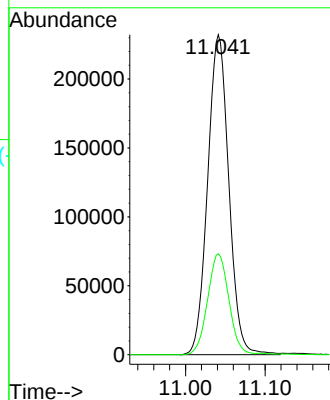
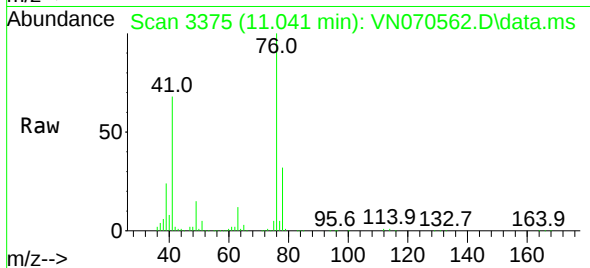
78 31.7 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/12/2022

Supervised By :Mahesh Dadoda 01/12/2022



#58

2-Chloroethyl Vinyl ether

Concen: 93.157 ug/l

RT: 10.038 min Scan# 3001

Delta R.T. -0.003 min

Lab File: VN070562.D

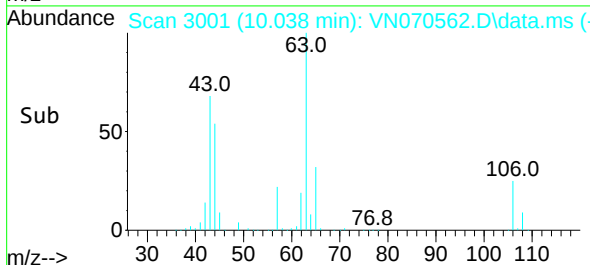
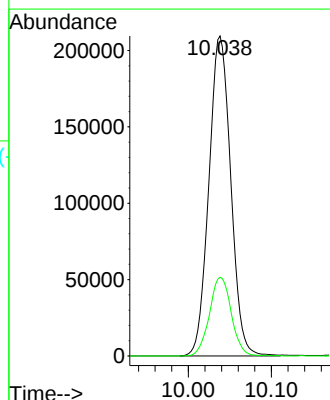
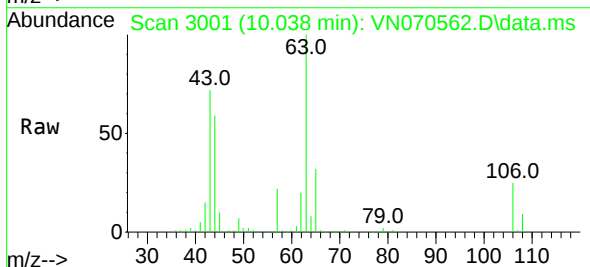
Acq: 11 Jan 2022 11:44

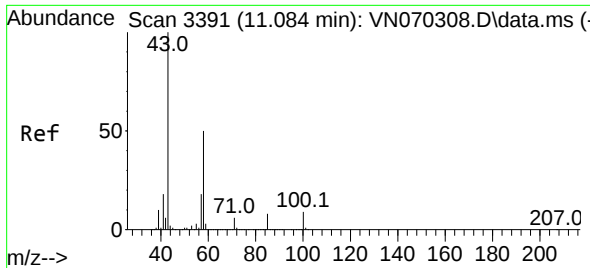
Tgt Ion: 63 Resp: 382795

Ion Ratio Lower Upper

63 100

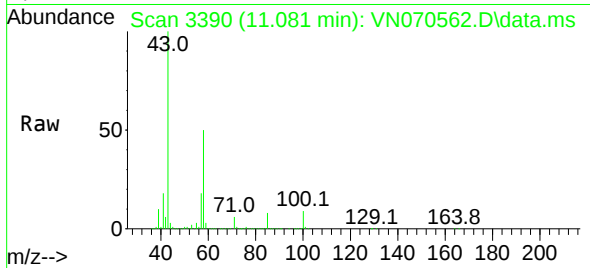
106 24.6 23.9 35.9





#59
2-Hexanone
Concen: 98.014 ug/l
RT: 11.081 min Scan# 3391
Delta R.T. -0.003 min
Lab File: VN070562.D
Acq: 11 Jan 2022 11:44

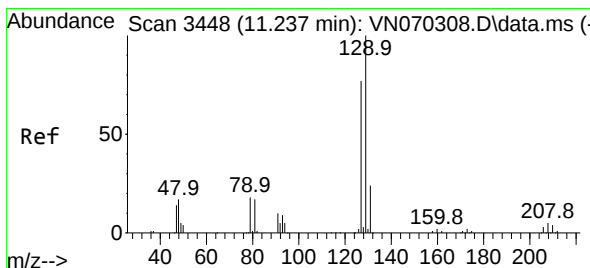
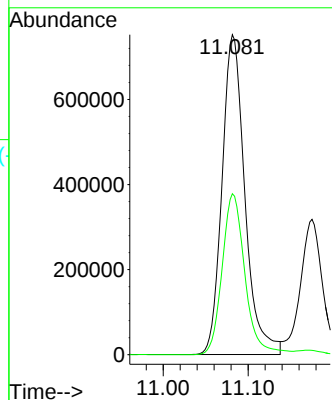
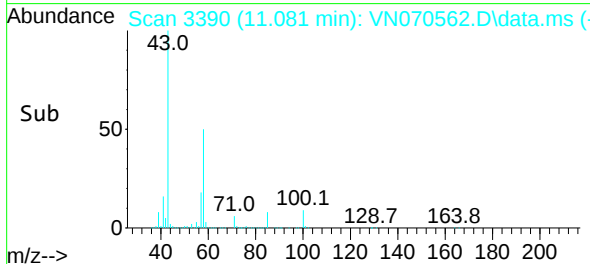
Instrument :
MSVOA_N
ClientSampleId :
VN0111WBS01



Tgt Ion: 43 Resp: 1406479
Ion Ratio Lower Upper
43 100
58 50.3 26.9 80.7

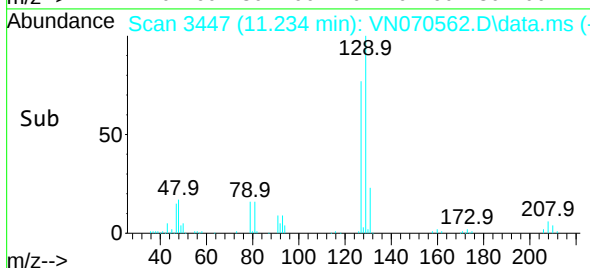
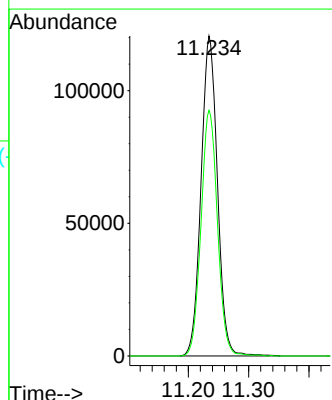
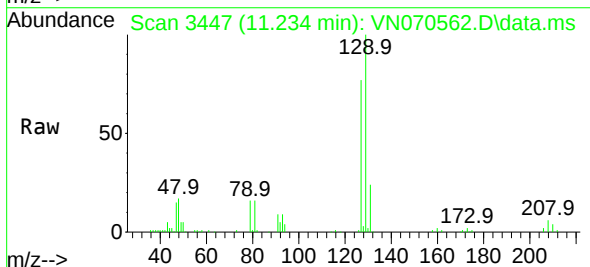
Manual Integrations
APPROVED

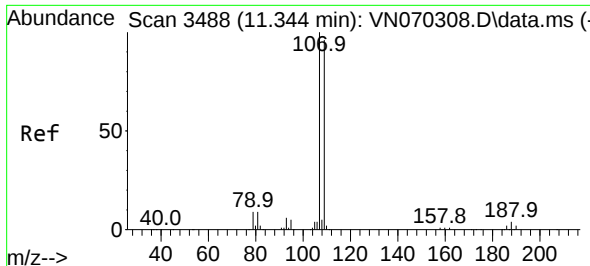
Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022



#60
Dibromochloromethane
Concen: 20.683 ug/l
RT: 11.234 min Scan# 3447
Delta R.T. -0.003 min
Lab File: VN070562.D
Acq: 11 Jan 2022 11:44

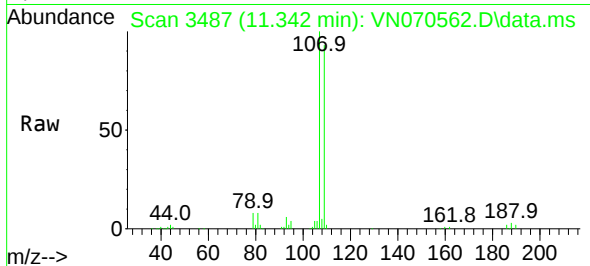
Tgt Ion:129 Resp: 227043
Ion Ratio Lower Upper
129 100
127 77.1 38.6 116.0





#61
1,2-Dibromoethane
Concen: 20.424 ug/l
RT: 11.342 min Scan# 3488
Delta R.T. -0.002 min
Lab File: VN070562.D
Acq: 11 Jan 2022 11:44

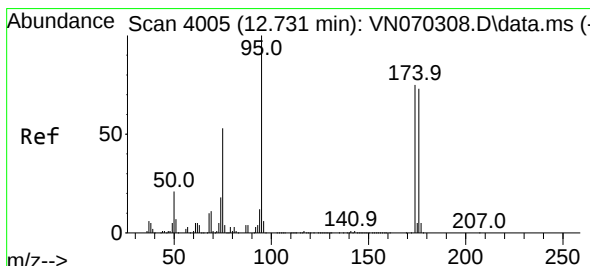
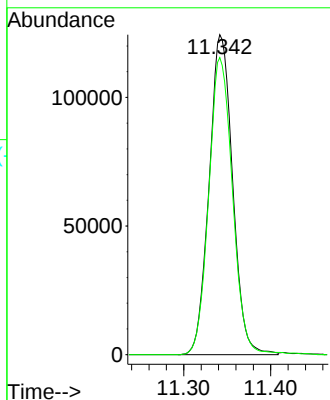
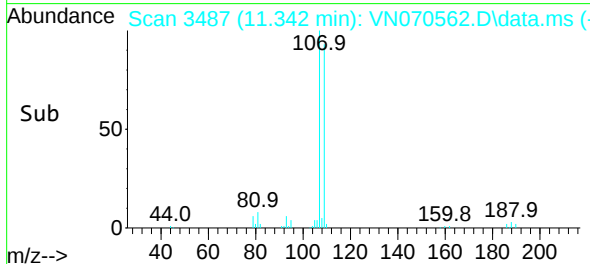
Instrument :
MSVOA_N
ClientSampleId :
VN0111WBS01



Tgt Ion:107 Resp: 233324
Ion Ratio Lower Upper
107 100
109 93.9 75.7 113.5

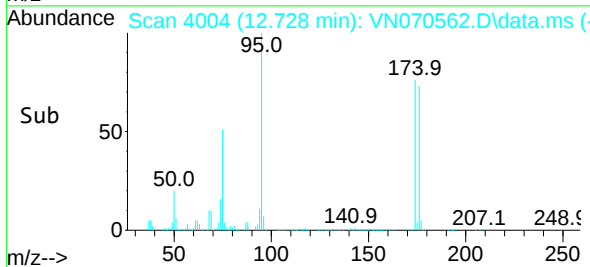
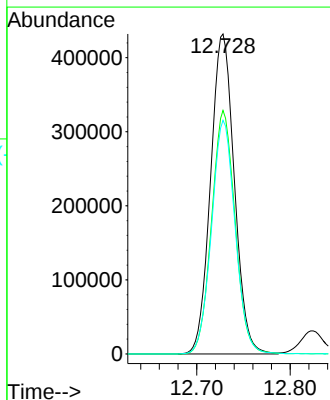
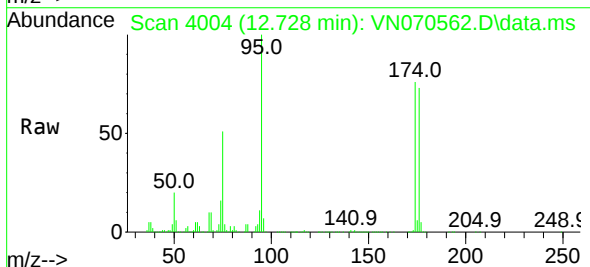
Manual Integrations
APPROVED

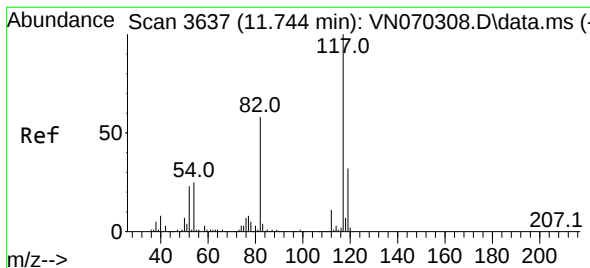
Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022



#62
4-Bromofluorobenzene
Concen: 55.800 ug/l
RT: 12.728 min Scan# 4004
Delta R.T. -0.003 min
Lab File: VN070562.D
Acq: 11 Jan 2022 11:44

Tgt Ion: 95 Resp: 762635
Ion Ratio Lower Upper
95 100
174 75.2 0.0 187.2
176 72.7 0.0 181.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.741 min Scan# 3637

Delta R.T. -0.003 min

Lab File: VN070562.D

Acq: 11 Jan 2022 11:44

Instrument :

MSVOA_N

ClientSampleId :

VN0111WBS01

Tgt Ion:117 Resp: 141724

Ion Ratio Lower Upper

117 100

82 58.9 42.4 63.6

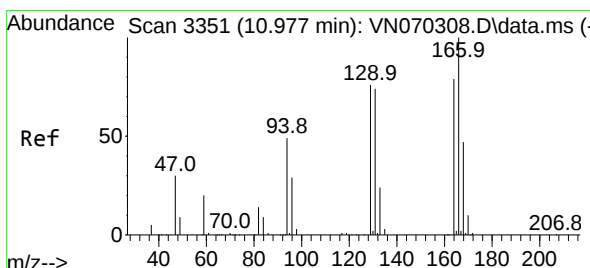
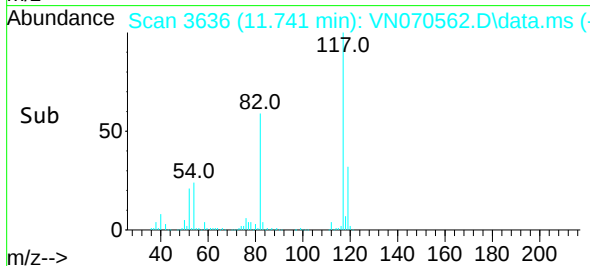
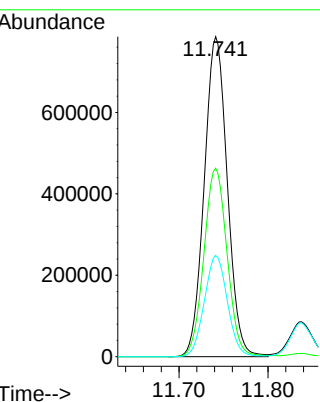
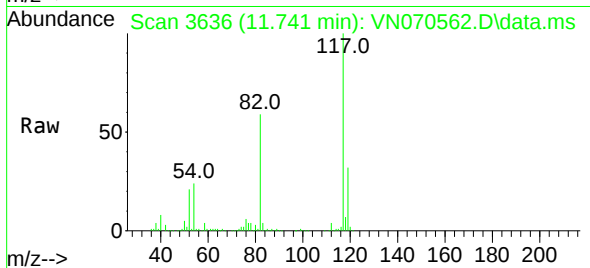
119 31.7 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/12/2022

Supervised By :Mahesh Dadoda 01/12/2022



#64

Tetrachloroethene

Concen: 20.812 ug/l

RT: 10.974 min Scan# 3350

Delta R.T. -0.003 min

Lab File: VN070562.D

Acq: 11 Jan 2022 11:44

Tgt Ion:164 Resp: 213594

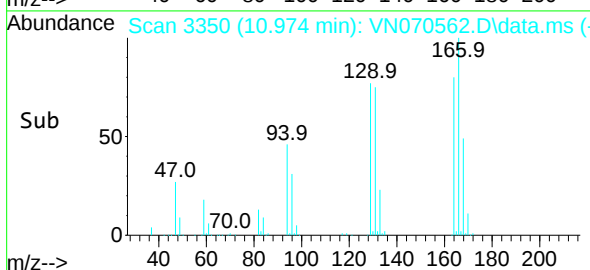
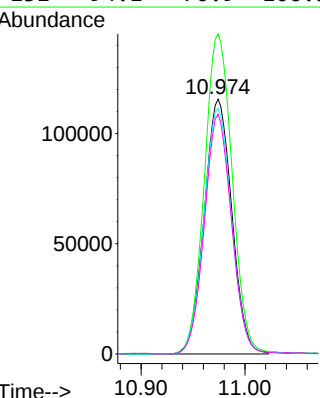
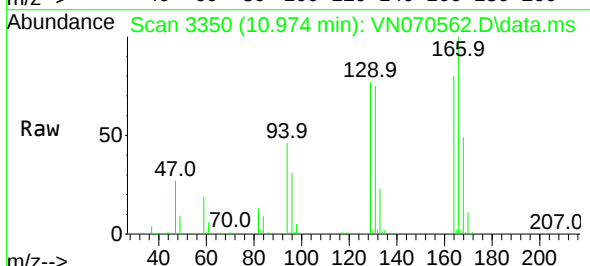
Ion Ratio Lower Upper

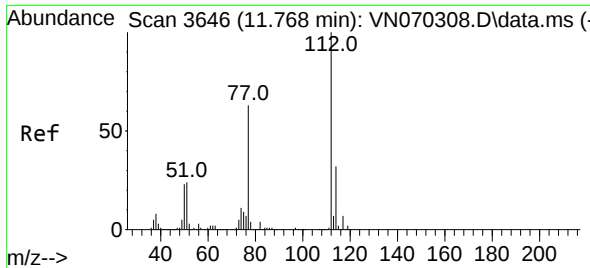
164 100

166 125.7 101.9 152.9

129 96.5 72.0 108.0

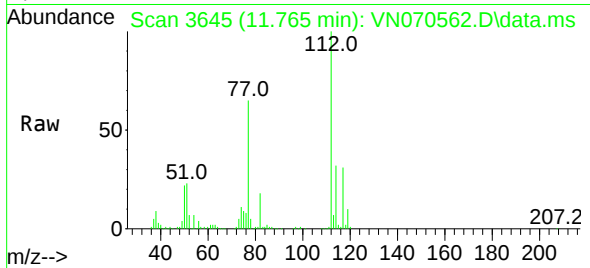
131 94.1 70.9 106.3





#65
Chlorobenzene
Concen: 20.965 ug/l
RT: 11.765 min Scan# 3645
Delta R.T. -0.003 min
Lab File: VN070562.D
Acq: 11 Jan 2022 11:44

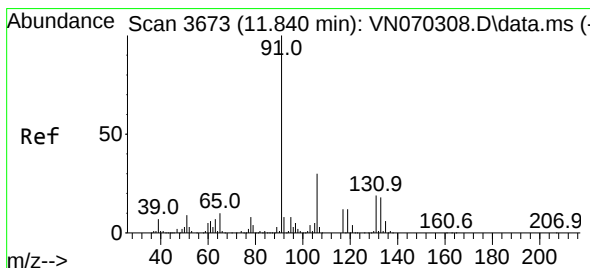
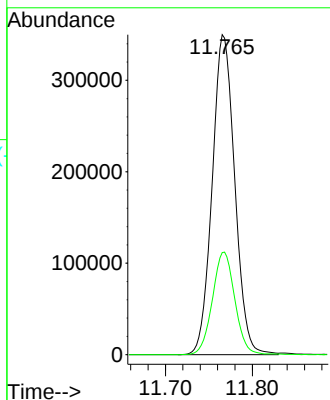
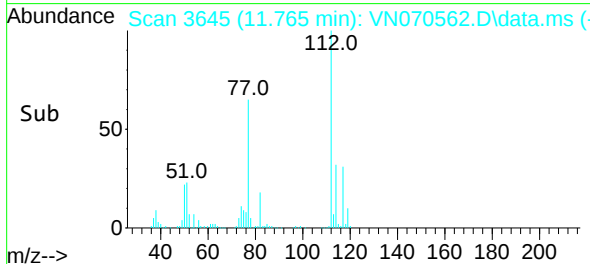
Instrument :
MSVOA_N
ClientSampleId :
VN0111WBS01



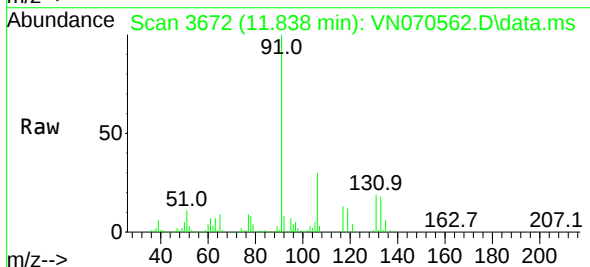
Tgt Ion:112 Resp: 630450
Ion Ratio Lower Upper
112 100
114 31.9 25.4 38.0

Manual Integrations
APPROVED

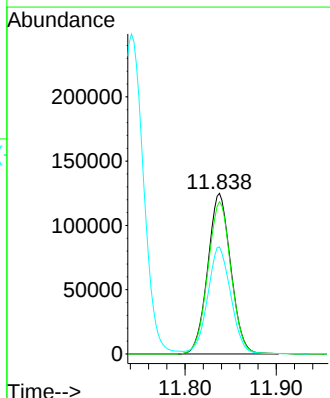
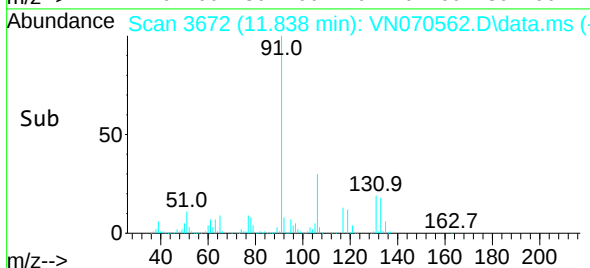
Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022

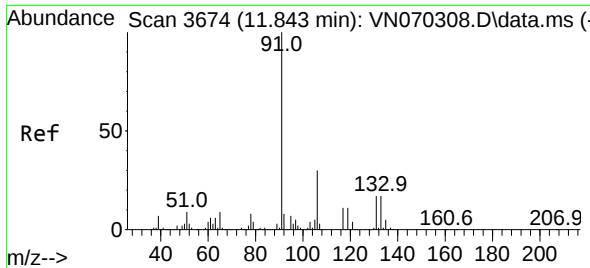


#66
1,1,1,2-Tetrachloroethane
Concen: 20.414 ug/l
RT: 11.838 min Scan# 3672
Delta R.T. -0.002 min
Lab File: VN070562.D
Acq: 11 Jan 2022 11:44



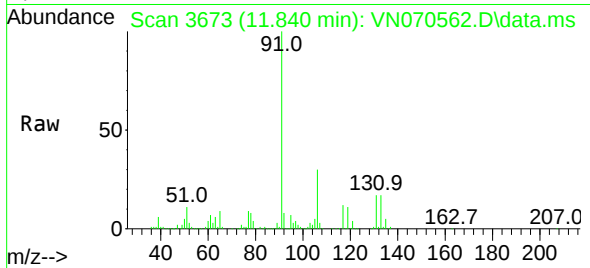
Tgt Ion:131 Resp: 219146
Ion Ratio Lower Upper
131 100
133 95.8 47.9 143.7
119 66.6 32.1 96.5





#67
Ethyl Benzene
Concen: 21.544 ug/l
RT: 11.840 min Scan# 3674
Delta R.T. -0.003 min
Lab File: VN070562.D
Acq: 11 Jan 2022 11:44

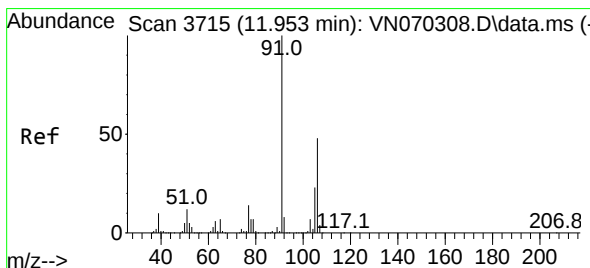
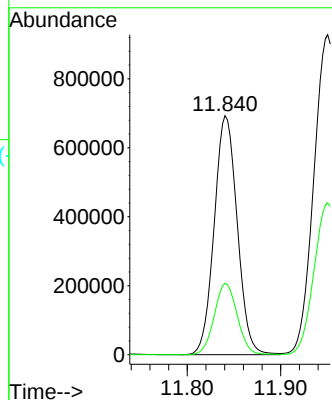
Instrument :
MSVOA_N
ClientSampleId :
VN0111WBS01



Tgt Ion: 91 Resp: 1187000
Ion Ratio Lower Upper
91 100
106 29.9 25.7 38.5

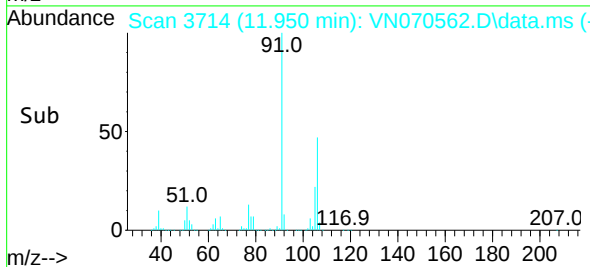
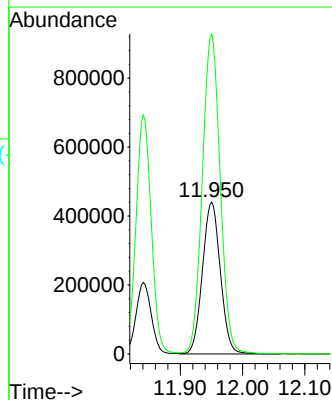
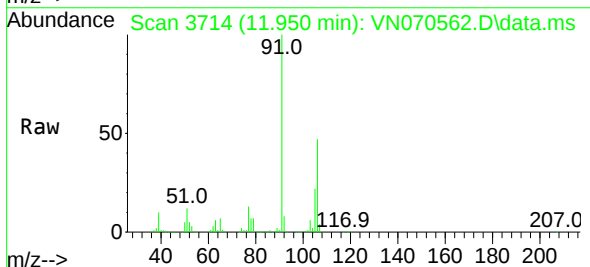
Manual Integrations
APPROVED

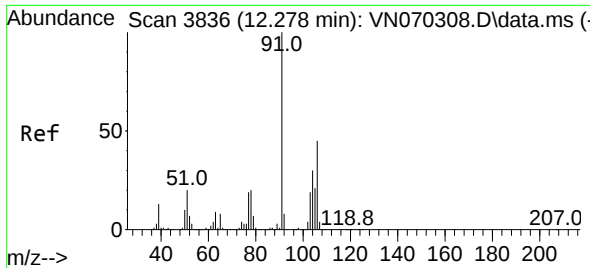
Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022



#68
m/p-Xylenes
Concen: 43.763 ug/l
RT: 11.950 min Scan# 3714
Delta R.T. -0.003 min
Lab File: VN070562.D
Acq: 11 Jan 2022 11:44

Tgt Ion:106 Resp: 877694
Ion Ratio Lower Upper
106 100
91 210.5 160.6 240.8





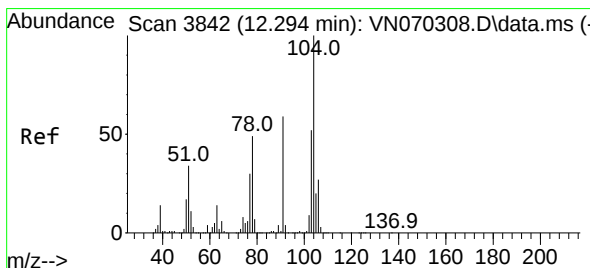
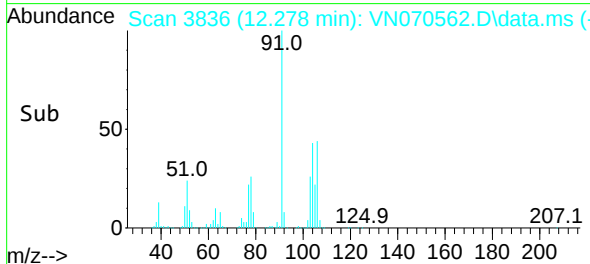
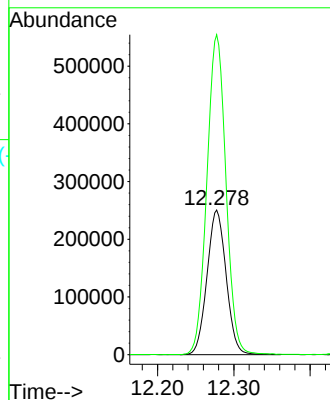
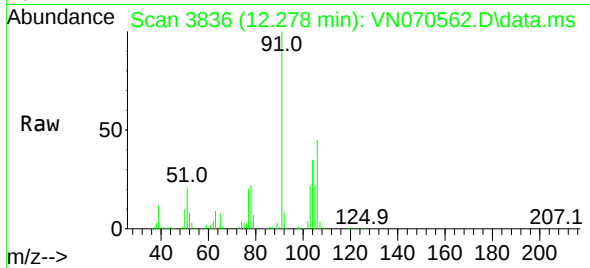
#69
o-Xylene
Concen: 21.875 ug/l
RT: 12.278 min Scan# 3836
Delta R.T. -0.000 min
Lab File: VN070562.D
Acq: 11 Jan 2022 11:44

Instrument :
MSVOA_N
ClientSampleId :
VN0111WBS01

Tgt Ion:106 Resp: 43636
Ion Ratio Lower Upper
106 100
91 220.4 105.8 317.3

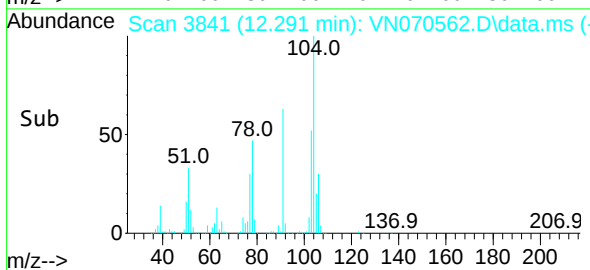
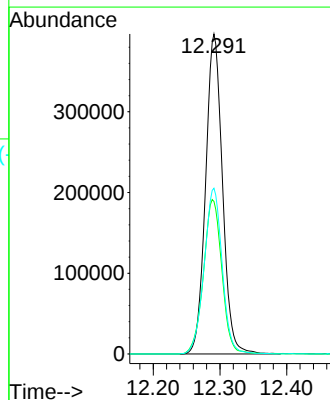
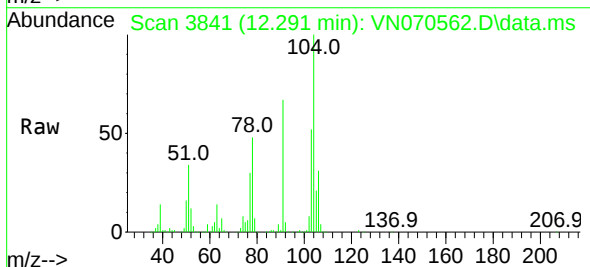
Manual Integrations
APPROVED

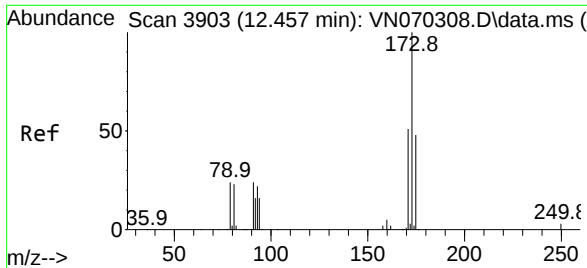
Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022



#70
Styrene
Concen: 22.067 ug/l
RT: 12.291 min Scan# 3841
Delta R.T. -0.003 min
Lab File: VN070562.D
Acq: 11 Jan 2022 11:44

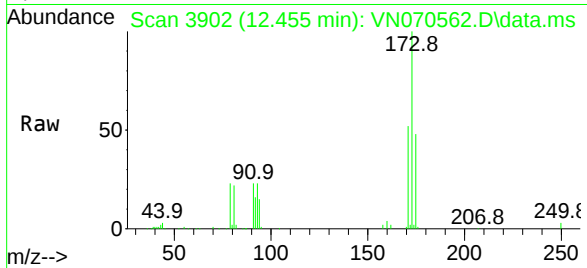
Tgt Ion:104 Resp: 696716
Ion Ratio Lower Upper
104 100
78 52.5 38.7 58.1
103 55.4 45.0 67.6





#71
Bromoform
Concen: 19.612 ug/l
RT: 12.455 min Scan# 3902
Delta R.T. -0.002 min
Lab File: VN070562.D
Acq: 11 Jan 2022 11:44

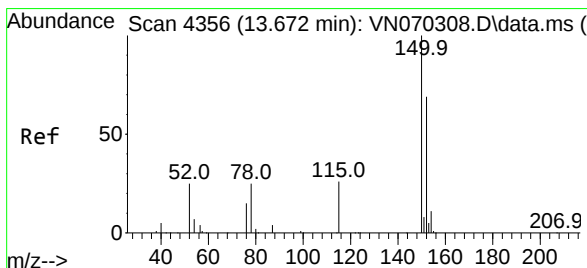
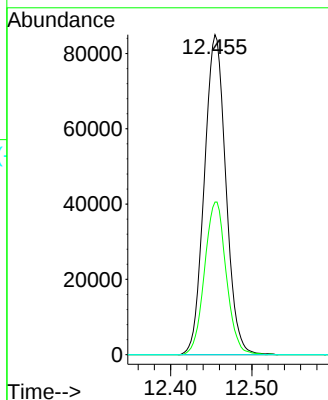
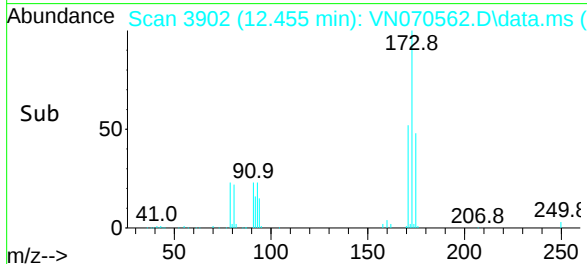
Instrument :
MSVOA_N
ClientSampleId :
VN0111WBS01



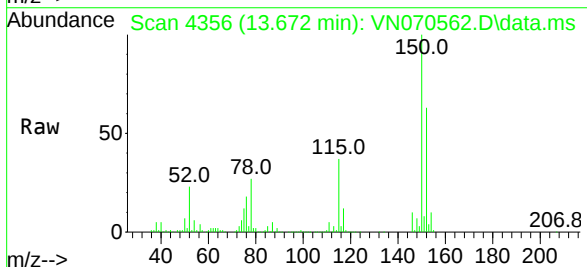
Tgt Ion:173 Resp: 156249
Ion Ratio Lower Upper
173 100
175 48.2 24.2 72.6
254 0.0 0.0 0.0

Manual Integrations
APPROVED

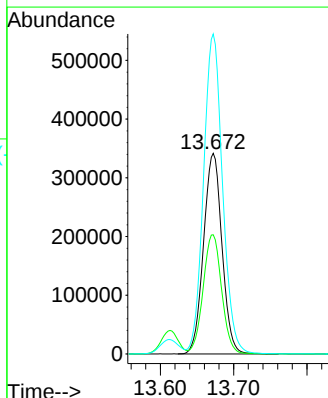
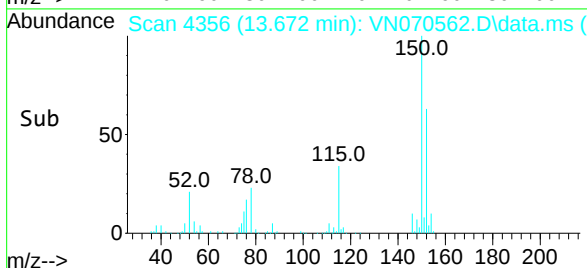
Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022

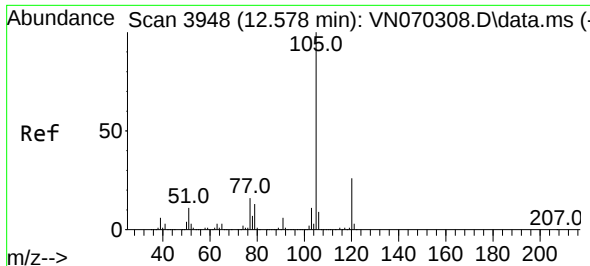


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.672 min Scan# 4356
Delta R.T. 0.000 min
Lab File: VN070562.D
Acq: 11 Jan 2022 11:44



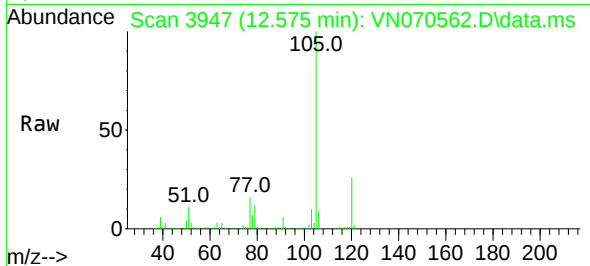
Tgt Ion:152 Resp: 598067
Ion Ratio Lower Upper
152 100
115 59.6 27.5 82.5
150 164.3 0.0 344.4





#73
Isopropylbenzene
Concen: 20.374 ug/l
RT: 12.575 min Scan# 3948
Delta R.T. -0.003 min
Lab File: VN070562.D
Acq: 11 Jan 2022 11:44

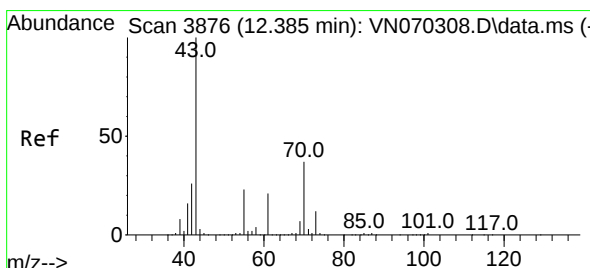
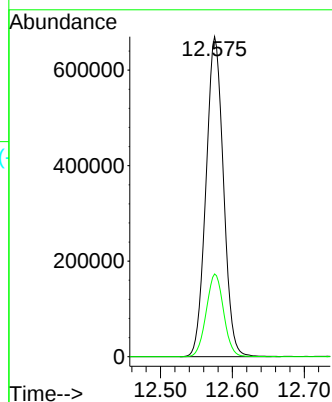
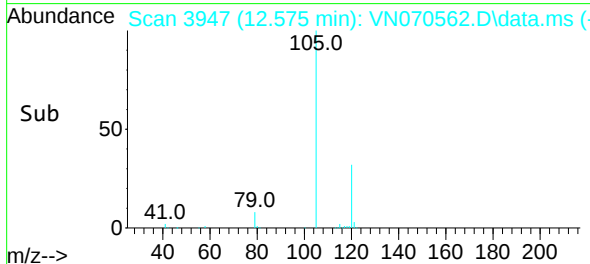
Instrument :
MSVOA_N
ClientSampleId :
VN0111WBS01



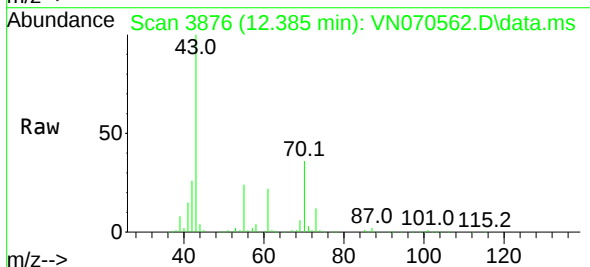
Tgt Ion:105 Resp: 1131579
Ion Ratio Lower Upper
105 100
120 25.8 13.4 40.1

Manual Integrations
APPROVED

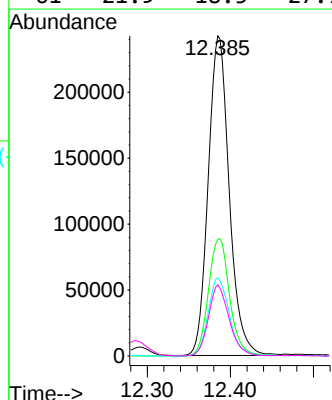
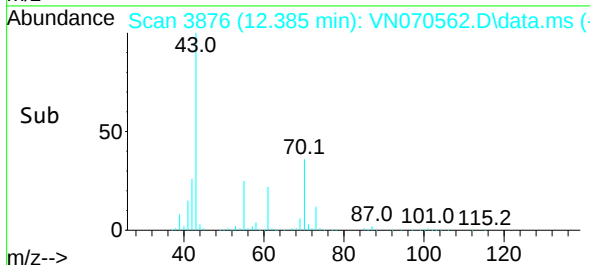
Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022

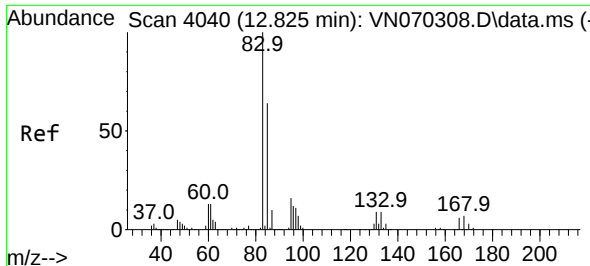


#74
N-ethyl acetate
Concen: 18.218 ug/l
RT: 12.385 min Scan# 3876
Delta R.T. -0.000 min
Lab File: VN070562.D
Acq: 11 Jan 2022 11:44



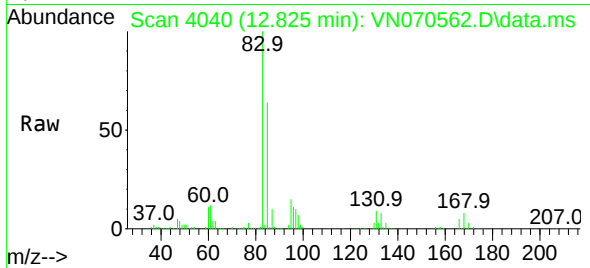
Tgt Ion: 43 Resp: 425426
Ion Ratio Lower Upper
43 100
70 37.0 33.4 50.0
55 24.6 19.3 28.9
61 21.9 18.5 27.7





#75
1,1,2,2-Tetrachloroethane
Concen: 18.932 ug/l
RT: 12.825 min Scan# 4040
Delta R.T. -0.000 min
Lab File: VN070562.D
Acq: 11 Jan 2022 11:44

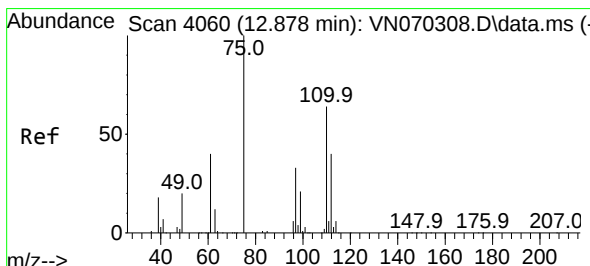
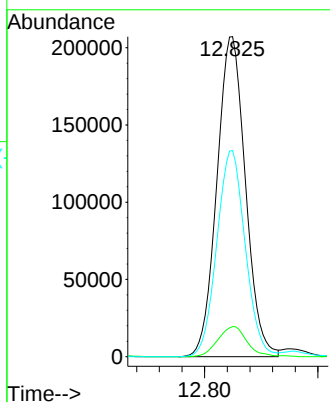
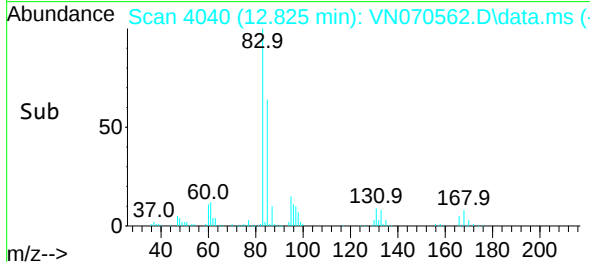
Instrument :
MSVOA_N
ClientSampleId :
VN0111WBS01



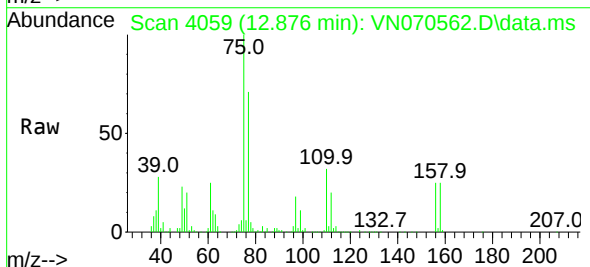
Tgt Ion: 83 Resp: 36275
Ion Ratio Lower Upper
83 100
131 9.5 5.5 16.5
85 64.0 32.4 97.2

Manual Integrations
APPROVED

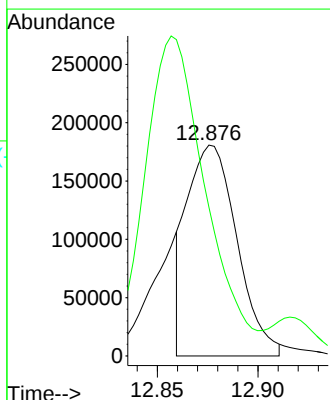
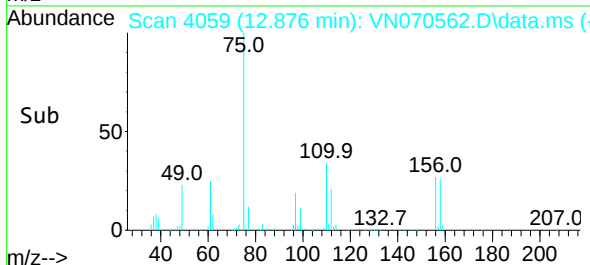
Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022

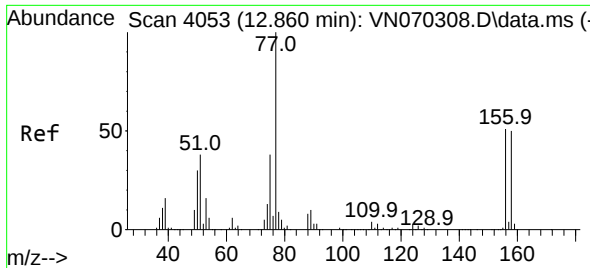


#76
1,2,3-Trichloropropane
Concen: 19.341 ug/l m
RT: 12.876 min Scan# 4059
Delta R.T. -0.002 min
Lab File: VN070562.D
Acq: 11 Jan 2022 11:44



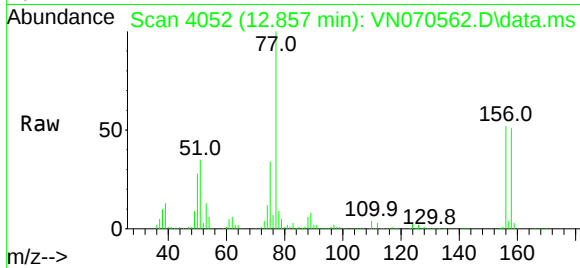
Tgt Ion: 75 Resp: 311051
Ion Ratio Lower Upper
75 100
77 185.6 82.6 247.8





#77
Bromobenzene
Concen: 20.358 ug/l
RT: 12.857 min Scan# 4052
Delta R.T. -0.003 min
Lab File: VN070562.D
Acq: 11 Jan 2022 11:44

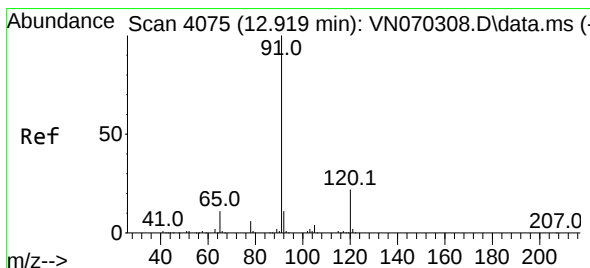
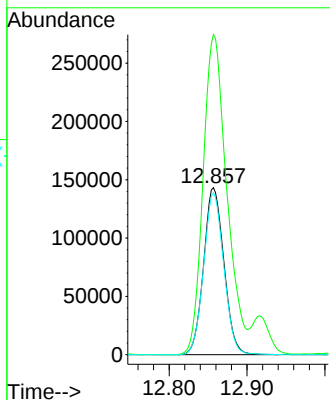
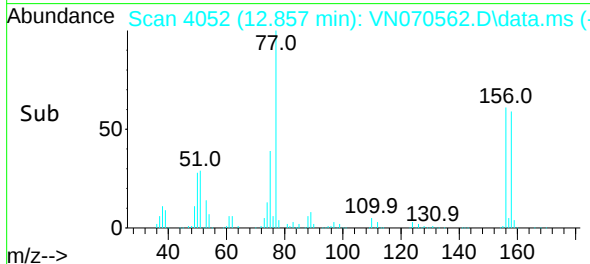
Instrument :
MSVOA_N
ClientSampleId :
VN0111WBS01



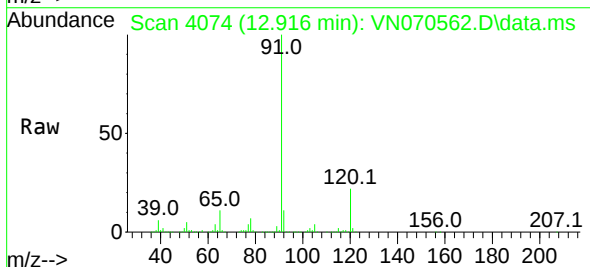
Tgt Ion:156 Resp: 25958
Ion Ratio Lower Upper
156 100
77 222.4 90.6 271.8
158 96.3 48.9 146.7

Manual Integrations
APPROVED

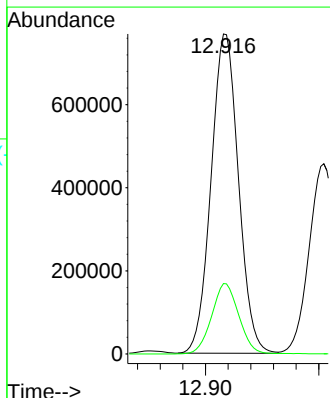
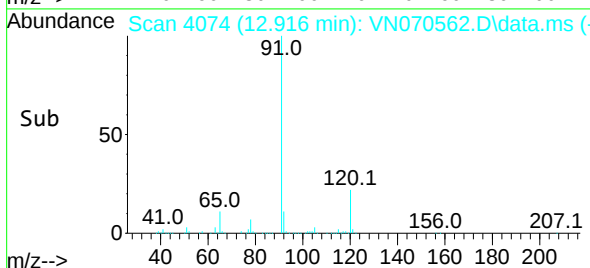
Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022

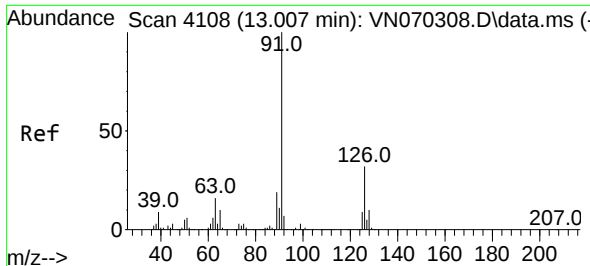


#78
n-propylbenzene
Concen: 20.937 ug/l
RT: 12.916 min Scan# 4074
Delta R.T. -0.003 min
Lab File: VN070562.D
Acq: 11 Jan 2022 11:44



Tgt Ion: 91 Resp: 1288404
Ion Ratio Lower Upper
91 100
120 22.0 11.9 35.9





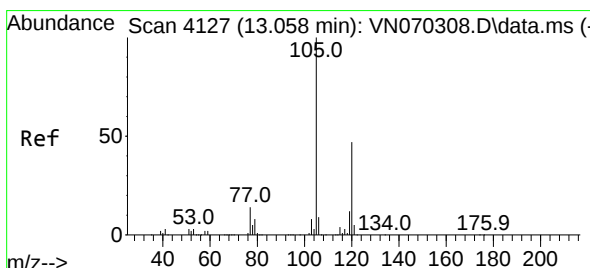
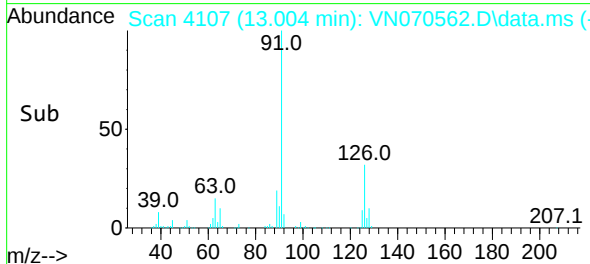
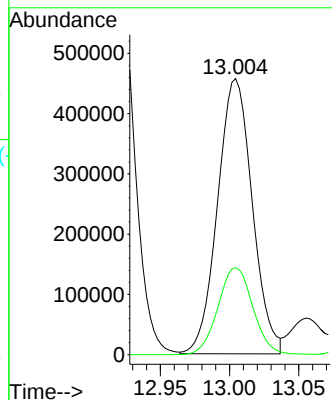
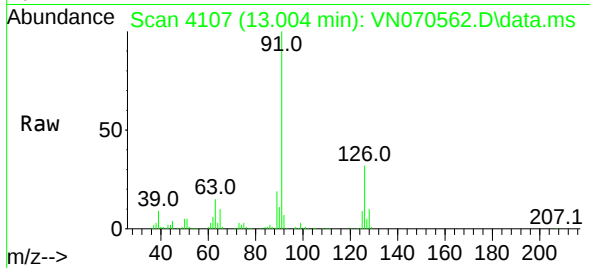
#79
2-Chlorotoluene
Concen: 20.195 ug/l
RT: 13.004 min Scan# 4108
Delta R.T. -0.003 min
Lab File: VN070562.D
Acq: 11 Jan 2022 11:44

Instrument :
MSVOA_N
ClientSampleId :
VN0111WBS01

Tgt Ion: 91 Resp: 797362
Ion Ratio Lower Upper
91 100
126 31.9 18.3 54.8

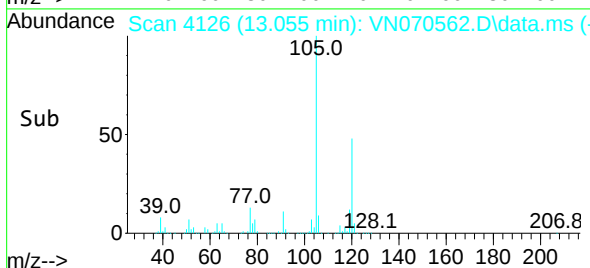
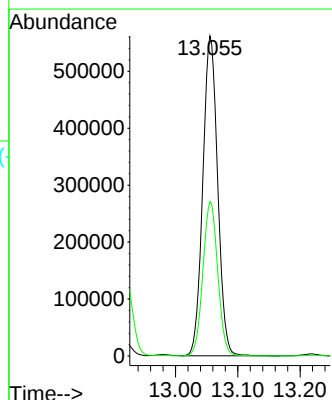
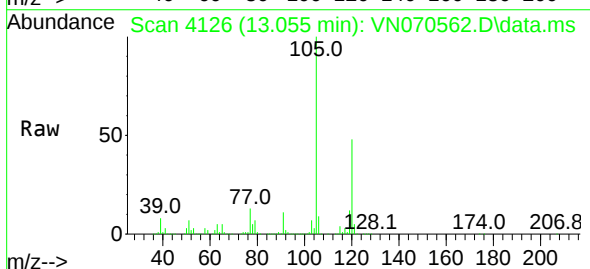
Manual Integrations
APPROVED

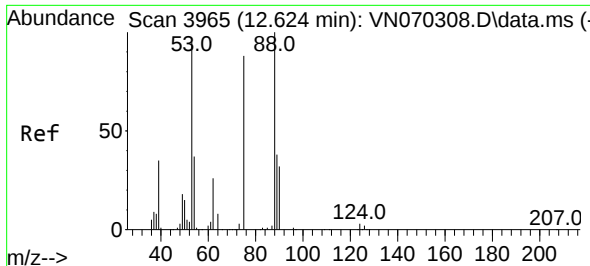
Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022



#80
1,3,5-Trimethylbenzene
Concen: 20.916 ug/l
RT: 13.055 min Scan# 4126
Delta R.T. -0.003 min
Lab File: VN070562.D
Acq: 11 Jan 2022 11:44

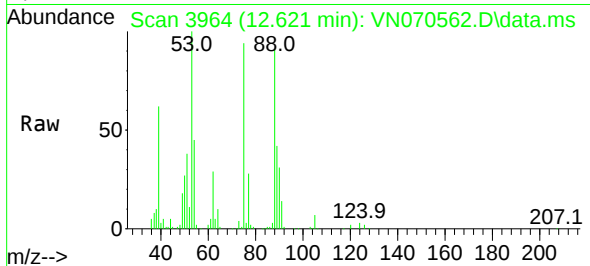
Tgt Ion:105 Resp: 930886
Ion Ratio Lower Upper
105 100
120 48.0 24.6 73.6





#81
trans-1,4-Dichloro-2-butene
Concen: 18.518 ug/l
RT: 12.621 min Scan# 3964
Delta R.T. -0.003 min
Lab File: VN070562.D
Acq: 11 Jan 2022 11:44

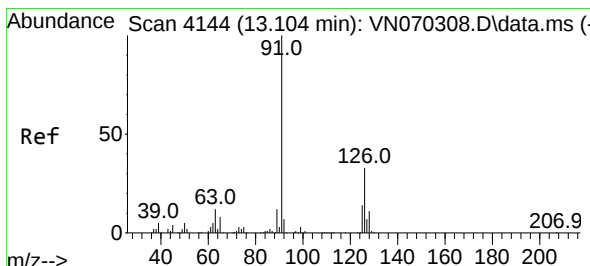
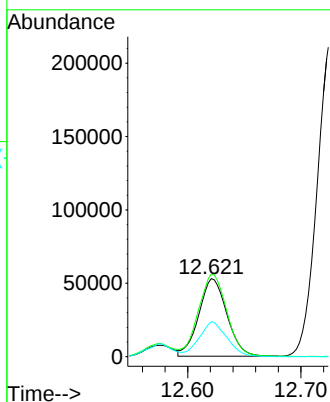
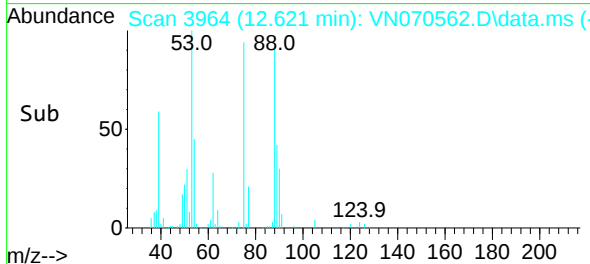
Instrument :
MSVOA_N
ClientSampleId :
VN0111WBS01



Tgt Ion: 75 Resp: 90648
Ion Ratio Lower Upper
75 100
53 108.6 90.5 135.7
89 45.0 38.2 57.4

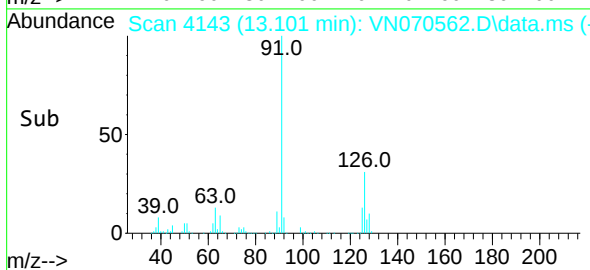
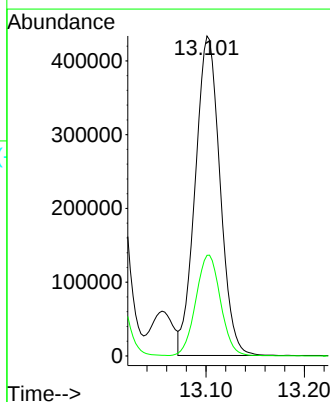
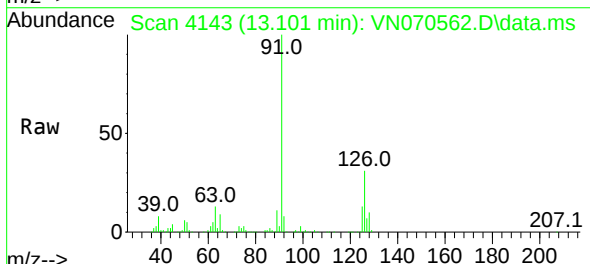
Manual Integrations
APPROVED

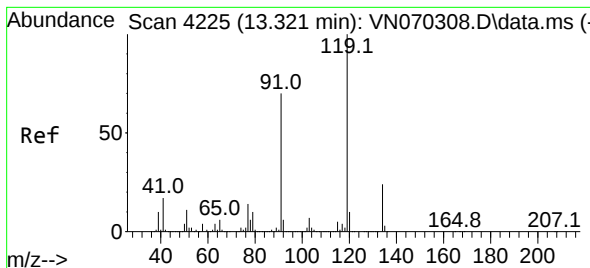
Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022



#82
4-Chlorotoluene
Concen: 20.445 ug/l
RT: 13.101 min Scan# 4143
Delta R.T. -0.003 min
Lab File: VN070562.D
Acq: 11 Jan 2022 11:44

Tgt Ion: 91 Resp: 756139
Ion Ratio Lower Upper
91 100
126 31.6 18.2 54.6





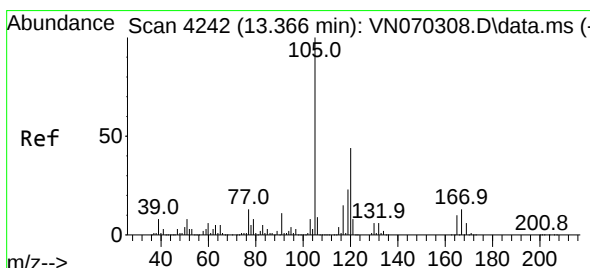
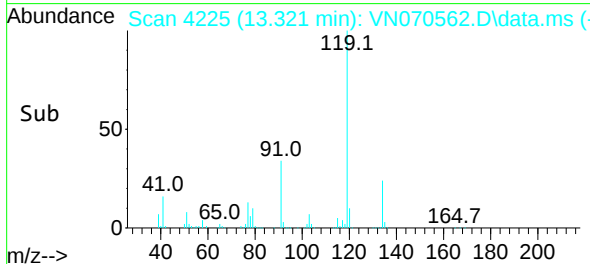
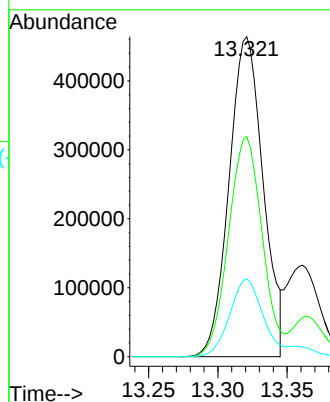
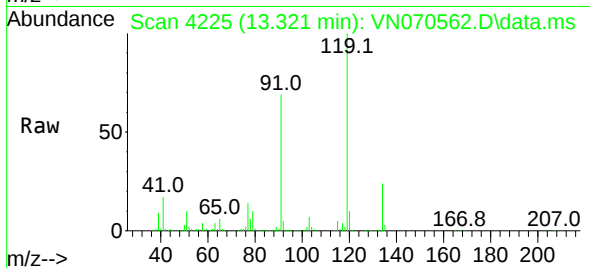
#83
tert-Butylbenzene
Concen: 20.287 ug/l
RT: 13.321 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN070562.D
Acq: 11 Jan 2022 11:44

Instrument :
MSVOA_N
ClientSampleId :
VN0111WBS01

Tgt Ion:119 Resp: 79504
Ion Ratio Lower Upper
119 100
91 68.0 31.5 94.5
134 23.9 12.4 37.4

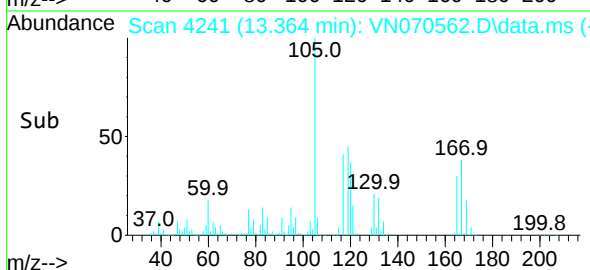
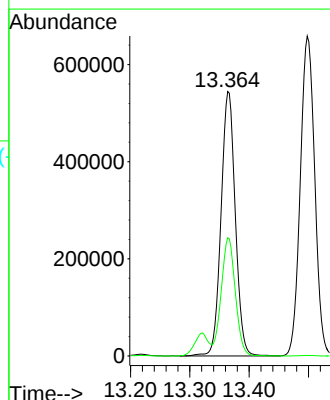
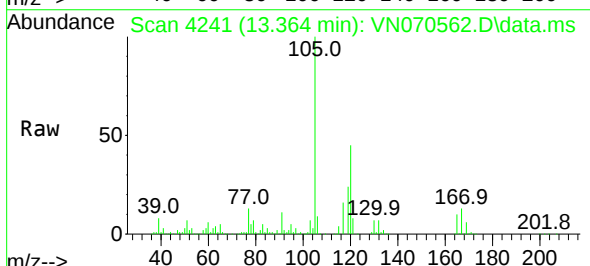
Manual Integrations
APPROVED

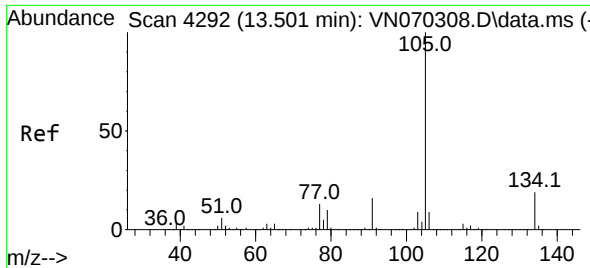
Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022



#84
1,2,4-Trimethylbenzene
Concen: 21.279 ug/l
RT: 13.364 min Scan# 4241
Delta R.T. -0.002 min
Lab File: VN070562.D
Acq: 11 Jan 2022 11:44

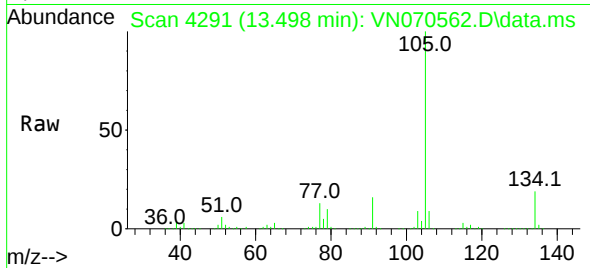
Tgt Ion:105 Resp: 911928
Ion Ratio Lower Upper
105 100
120 44.2 22.8 68.4





#85
 sec-Butylbenzene
 Concen: 20.875 ug/l
 RT: 13.498 min Scan# 4292
 Delta R.T. -0.003 min
 Lab File: VN070562.D
 Acq: 11 Jan 2022 11:44

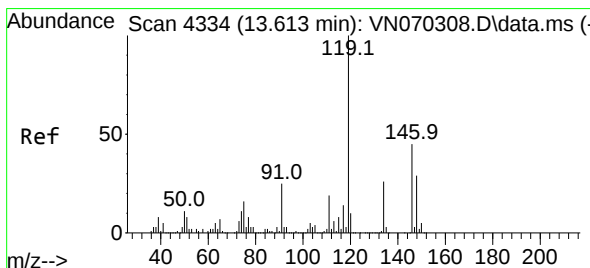
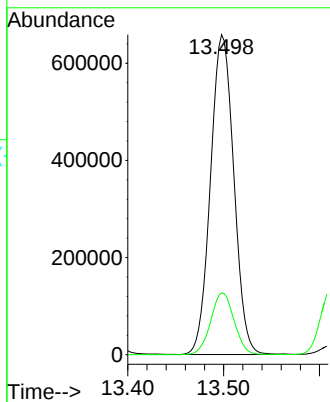
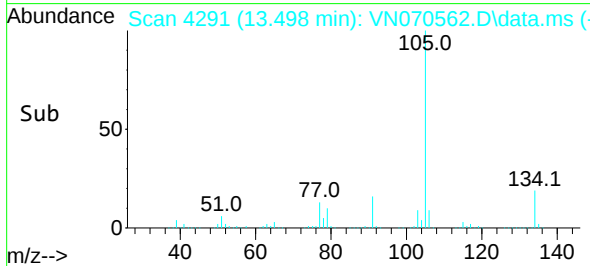
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0111WBS01



Tgt Ion:105 Resp: 1110709
 Ion Ratio Lower Upper
 105 100
 134 19.4 10.4 31.1

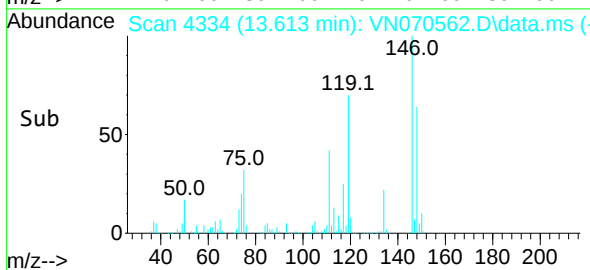
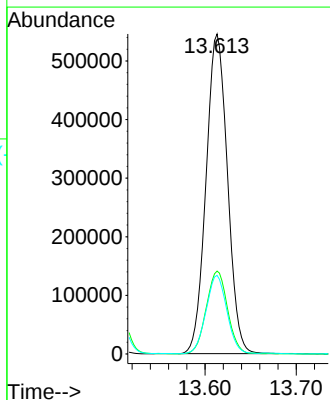
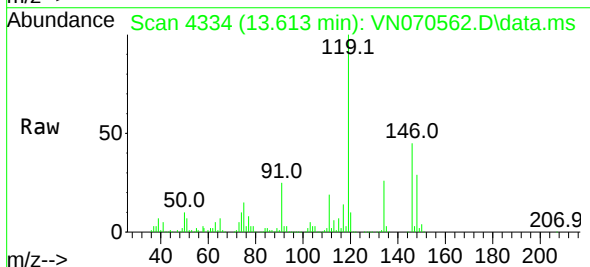
Manual Integrations
 APPROVED

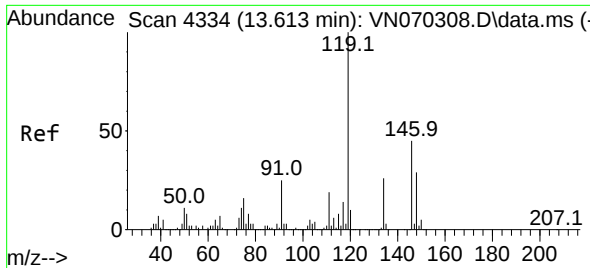
Reviewed By :John Carlone 01/12/2022
 Supervised By :Mahesh Dadoda 01/12/2022



#86
 p-Isopropyltoluene
 Concen: 21.314 ug/l
 RT: 13.613 min Scan# 4334
 Delta R.T. 0.000 min
 Lab File: VN070562.D
 Acq: 11 Jan 2022 11:44

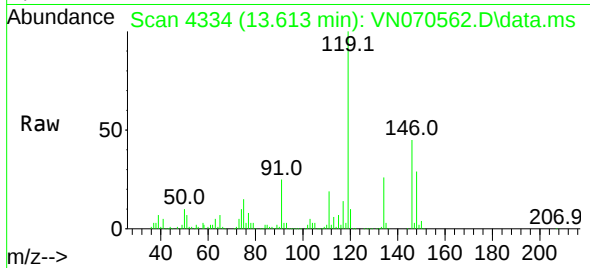
Tgt Ion:119 Resp: 890831
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.6 40.7
 91 23.8 11.4 34.1





#87
1,3-Dichlorobenzene
Concen: 20.479 ug/l
RT: 13.613 min Scan# 4334
Delta R.T. 0.000 min
Lab File: VN070562.D
Acq: 11 Jan 2022 11:44

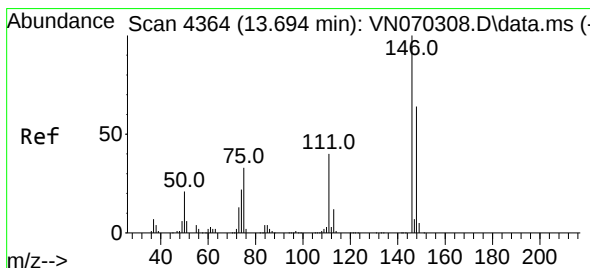
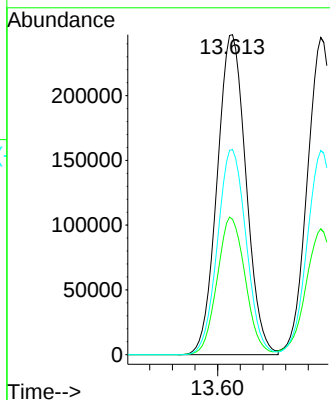
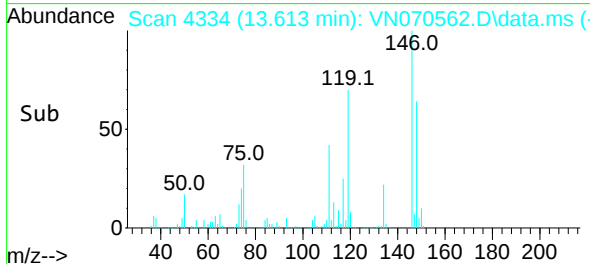
Instrument :
MSVOA_N
ClientSampleId :
VN0111WBS01



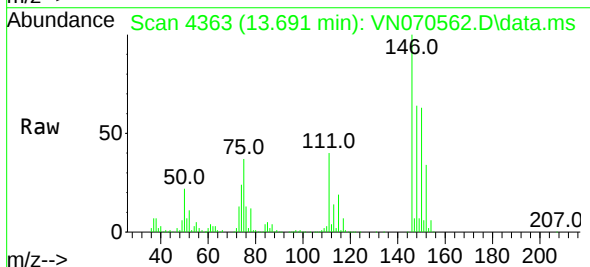
Tgt Ion:146 Resp: 437124
Ion Ratio Lower Upper
146 100
111 41.8 18.6 55.6
148 63.9 31.6 95.0

Manual Integrations
APPROVED

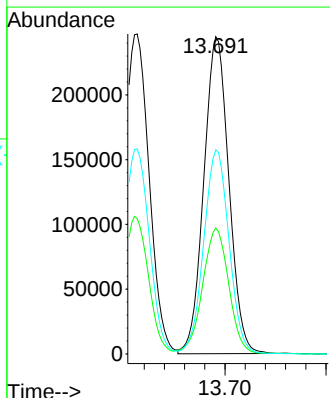
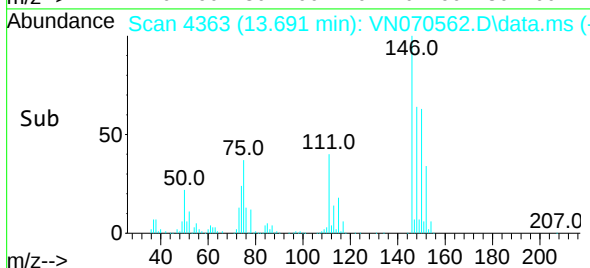
Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022

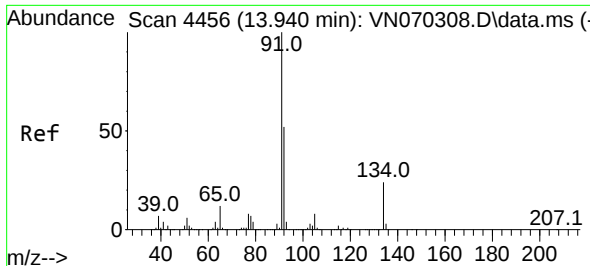


#88
1,4-Dichlorobenzene
Concen: 20.039 ug/l
RT: 13.691 min Scan# 4363
Delta R.T. -0.003 min
Lab File: VN070562.D
Acq: 11 Jan 2022 11:44



Tgt Ion:146 Resp: 421927
Ion Ratio Lower Upper
146 100
111 41.2 18.3 54.8
148 64.9 31.8 95.4





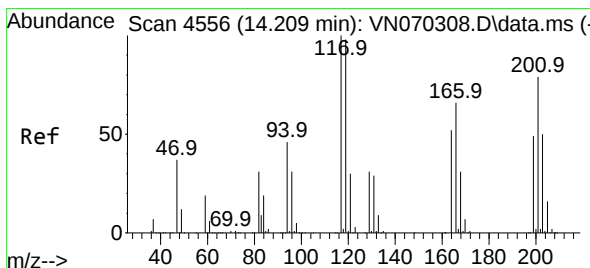
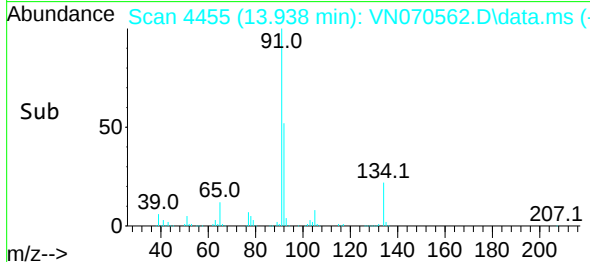
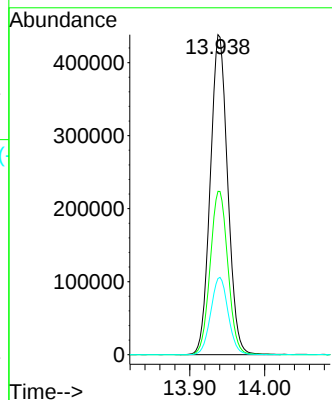
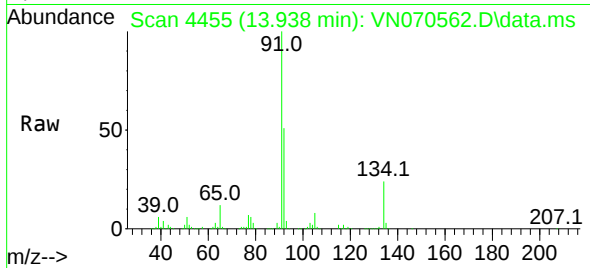
#89
n-Butylbenzene
Concen: 20.341 ug/l
RT: 13.938 min Scan# 4455
Delta R.T. -0.002 min
Lab File: VN070562.D
Acq: 11 Jan 2022 11:44

Instrument :
MSVOA_N
ClientSampleId :
VN0111WBS01

Tgt Ion: 91 Resp: 709119
Ion Ratio Lower Upper
91 100
92 51.9 25.4 76.0
134 24.2 13.6 40.8

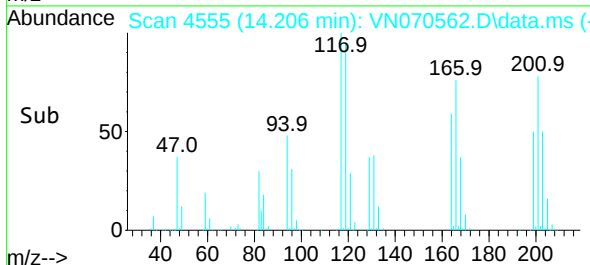
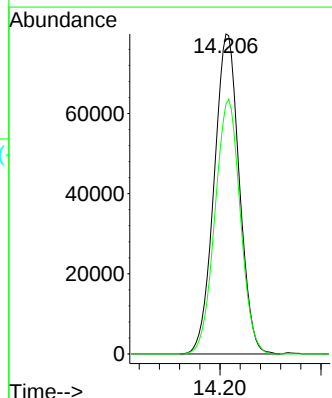
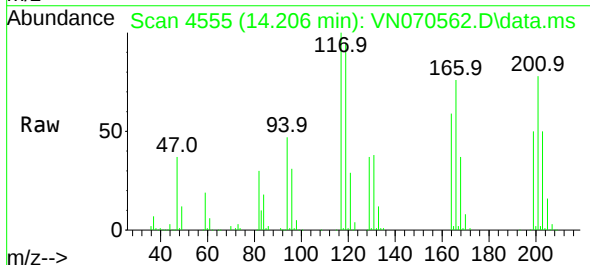
Manual Integrations
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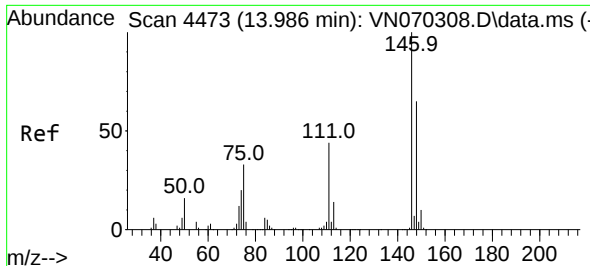
Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022



#90
Hexachloroethane
Concen: 18.988 ug/l
RT: 14.206 min Scan# 4555
Delta R.T. -0.003 min
Lab File: VN070562.D
Acq: 11 Jan 2022 11:44

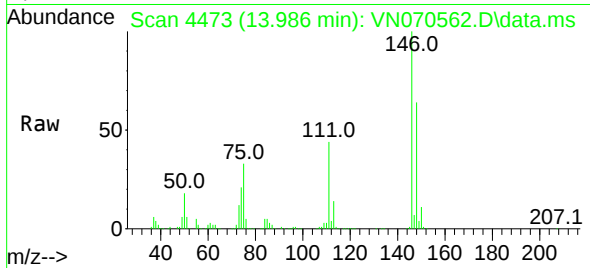
Tgt Ion:117 Resp: 137872
Ion Ratio Lower Upper
117 100
201 80.2 43.9 131.6





#91
1,2-Dichlorobenzene
Concen: 20.106 ug/l
RT: 13.986 min Scan# 4473
Delta R.T. -0.000 min
Lab File: VN070562.D
Acq: 11 Jan 2022 11:44

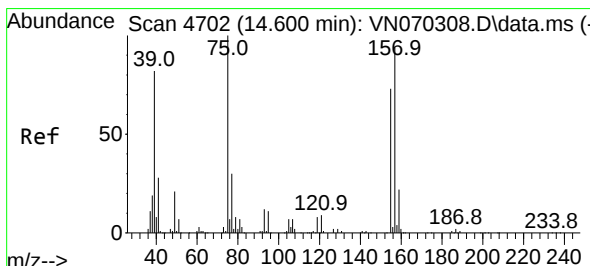
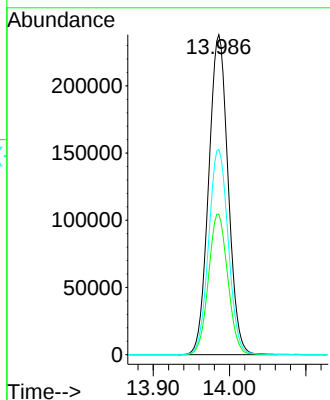
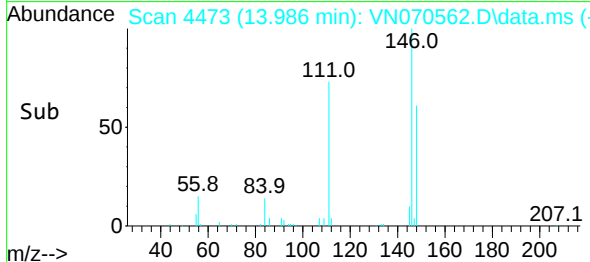
Instrument :
MSVOA_N
ClientSampleId :
VN0111WBS01



Tgt Ion:146 Resp: 42073
Ion Ratio Lower Upper
146 100
111 43.6 19.1 57.3
148 64.9 32.1 96.3

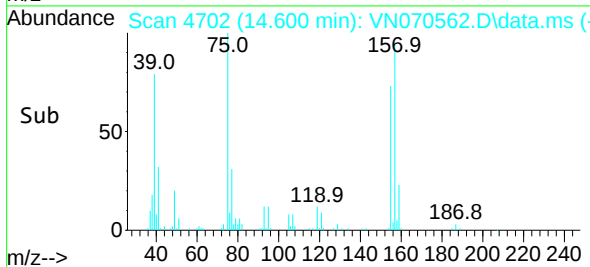
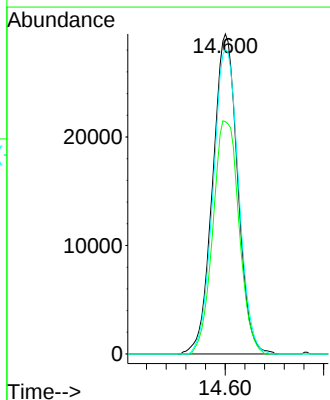
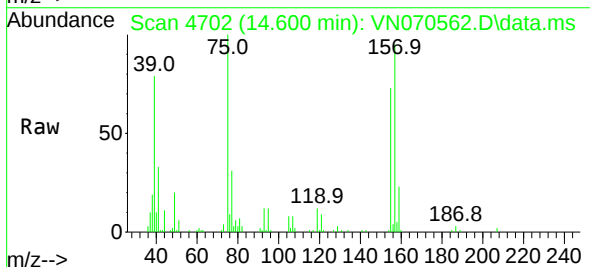
Manual Integrations
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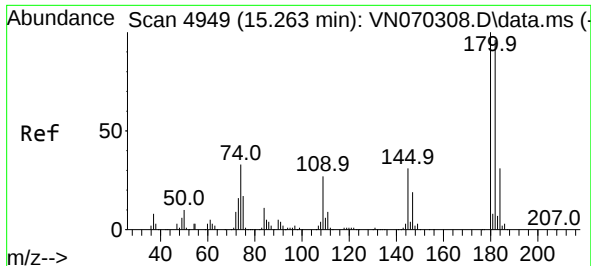
Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 16.122 ug/l
RT: 14.600 min Scan# 4702
Delta R.T. 0.000 min
Lab File: VN070562.D
Acq: 11 Jan 2022 11:44

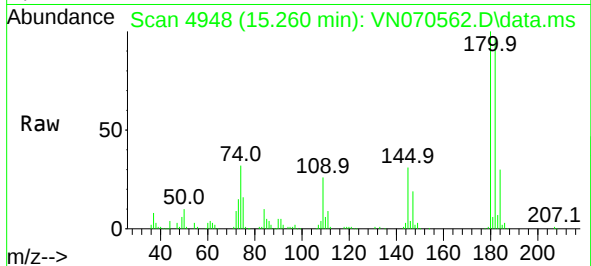
Tgt Ion: 75 Resp: 51871
Ion Ratio Lower Upper
75 100
155 76.2 46.9 140.7
157 97.0 60.6 181.7





#93
1,2,4-Trichlorobenzene
Concen: 19.004 ug/l
RT: 15.260 min Scan# 4949
Delta R.T. -0.003 min
Lab File: VN070562.D
Acq: 11 Jan 2022 11:44

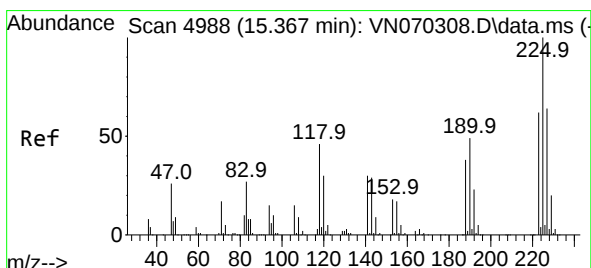
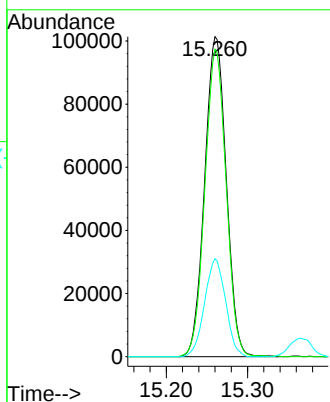
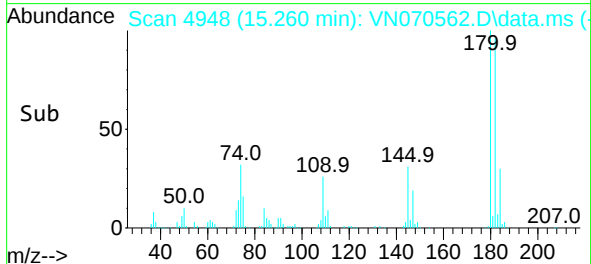
Instrument :
MSVOA_N
ClientSampleId :
VN0111WBS01



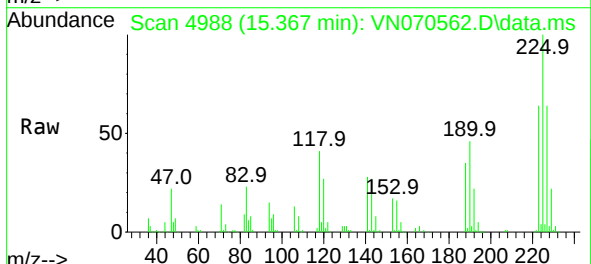
Tgt Ion:180 Resp: 18737
Ion Ratio Lower Upper
180 100
182 94.1 48.3 144.9
145 29.7 14.5 43.5

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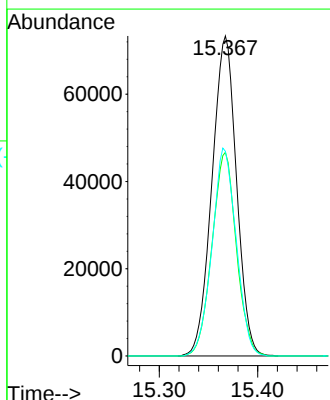
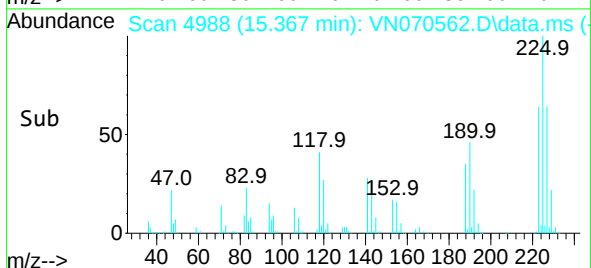
Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022

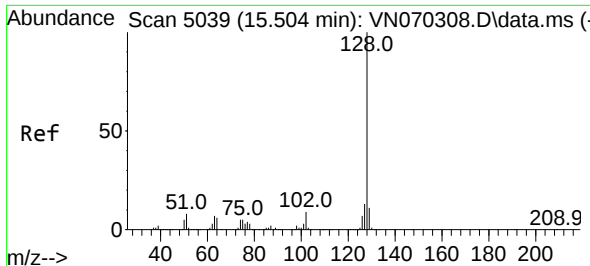


#94
Hexachlorobutadiene
Concen: 22.238 ug/l
RT: 15.367 min Scan# 4988
Delta R.T. 0.000 min
Lab File: VN070562.D
Acq: 11 Jan 2022 11:44



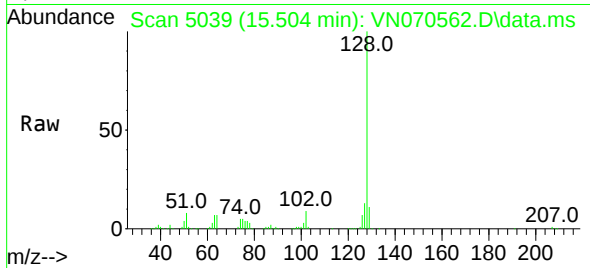
Tgt Ion:225 Resp: 127433
Ion Ratio Lower Upper
225 100
223 63.1 31.9 95.7
227 64.0 32.1 96.3





#95
Naphthalene
Concen: 15.857 ug/l
RT: 15.504 min Scan# 5039
Delta R.T. -0.000 min
Lab File: VN070562.D
Acq: 11 Jan 2022 11:44

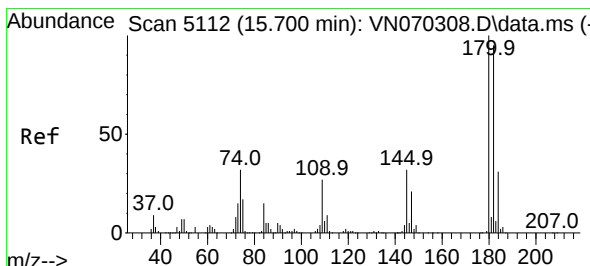
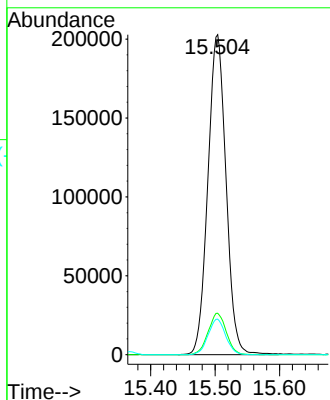
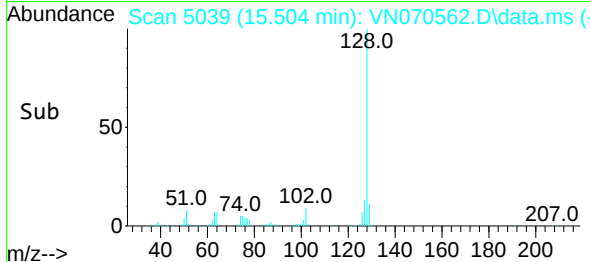
Instrument :
MSVOA_N
ClientSampleId :
VN0111WBS01



Tgt Ion:128 Resp: 397414
Ion Ratio Lower Upper
128 100
127 12.9 10.5 15.7
129 10.8 8.7 13.1

Manual Integrations
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Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022



#96
1,2,3-Trichlorobenzene
Concen: 18.713 ug/l
RT: 15.697 min Scan# 5111
Delta R.T. -0.003 min
Lab File: VN070562.D
Acq: 11 Jan 2022 11:44

Tgt Ion:180 Resp: 171526
Ion Ratio Lower Upper
180 100
182 95.6 47.4 142.2
145 32.0 15.0 45.1

