

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121421\
 Data File : VN070075.D
 Acq On : 14 Dec 2021 16:52
 Operator : JC/MD
 Sample : VN1214WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1214WBSD01

Manual Integrations
 APPROVED

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

Quant Time: Dec 15 05:19:11 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 03 08:46:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	927266	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1563534	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1433502	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	586754	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	801981	56.016	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 112.040%			
35) Dibromofluoromethane	8.024	113	544852	55.633	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 111.260%			
50) Toluene-d8	10.440	98	2126557	54.077	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 108.160%			
62) 4-Bromofluorobenzene	12.731	95	752837	52.844	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 105.680%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.073	85	202171	18.693	ug/l	99
3) Chloromethane	2.303	50	269914	19.921	ug/l	98
4) Vinyl Chloride	2.445	62	243309	19.529	ug/l	99
5) Bromomethane	2.850	94	137026	20.244	ug/l	100
6) Chloroethane	3.017	64	149634	19.600	ug/l	96
7) Trichlorofluoromethane	3.373	101	305909	18.708	ug/l	97
8) Diethyl Ether	3.821	74	137688	21.863	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.205	101	187555	20.462	ug/l	96
10) Methyl Iodide	4.419	142	242624	19.376	ug/l	98
11) Tert butyl alcohol	5.388	59	256749	94.872	ug/l	96
12) 1,1-Dichloroethene	4.175	96	174768	19.787	ug/l	88
13) Acrolein	4.039	56	205926	89.353	ug/l	99
14) Allyl chloride	4.835	41	402176	20.207	ug/l #	89
15) Acrylonitrile	5.557	53	792033	108.611	ug/l	99
16) Acetone	4.291	43	806733	93.672	ug/l	96
17) Carbon Disulfide	4.524	76	367131	16.089	ug/l	98
18) Methyl Acetate	4.859	43	547809	21.073	ug/l #	89
19) Methyl tert-butyl Ether	5.621	73	724207	21.087	ug/l	95
20) Methylene Chloride	5.093	84	233149	20.364	ug/l #	85
21) trans-1,2-Dichloroethene	5.597	96	194015	20.223	ug/l	87
22) Diisopropyl ether	6.498	45	881025	22.647	ug/l #	94
23) Vinyl Acetate	6.436	43	2918007	92.200	ug/l #	94
24) 1,1-Dichloroethane	6.388	63	433694	21.522	ug/l	98
25) 2-Butanone	7.337	43	1182309	101.038	ug/l #	89
26) 2,2-Dichloropropane	7.324	77	283447	18.091	ug/l	98
27) cis-1,2-Dichloroethene	7.327	96	236977	20.445	ug/l	85
28) Bromochloromethane	7.659	49	212609	20.289	ug/l #	78
29) Tetrahydrofuran	7.689	42	775175	109.095	ug/l #	86
30) Chloroform	7.817	83	436179	21.432	ug/l	98
31) Cyclohexane	8.094	56	407390	20.447	ug/l	88
32) 1,1,1-Trichloroethane	8.013	97	351604	20.282	ug/l	96
36) 1,1-Dichloropropene	8.222	75	302963	20.354	ug/l	95
37) Ethyl Acetate	7.415	43	434895	19.631	ug/l #	95
38) Carbon Tetrachloride	8.206	117	272923	18.699	ug/l	99
39) Methylcyclohexane	9.459	83	335939	18.975	ug/l #	86
40) Benzene	8.458	78	954453	20.979	ug/l	99

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	226215	21.752	ug/l #	89
42) 1,2-Dichloroethane	8.531	62	380683	20.728	ug/l	96
43) Isopropyl Acetate	8.563	43	658968	20.101	ug/l #	94
44) Trichloroethene	9.217	130	213734	19.683	ug/l	93
45) 1,2-Dichloropropane	9.491	63	258171	21.132	ug/l	100
46) Dibromomethane	9.577	93	163316	20.383	ug/l	93
47) Bromodichloromethane	9.762	83	310747	20.484	ug/l	98
48) Methyl methacrylate	9.561	41	300831	19.663	ug/l	88
49) 1,4-Dioxane	9.571	88	110372	402.060	ug/l #	85
51) 4-Methyl-2-Pentanone	10.330	43	2307355	108.492	ug/l	95
52) Toluene	10.505	92	574596	20.687	ug/l	98
53) t-1,3-Dichloropropene	10.719	75	295234	18.068	ug/l	98
54) cis-1,3-Dichloropropene	10.188	75	339901	19.037	ug/l #	88
55) 1,1,2-Trichloroethane	10.899	97	234463	20.921	ug/l	97
56) Ethyl methacrylate	10.762	69	369666	18.964	ug/l #	87
57) 1,3-Dichloropropane	11.044	76	418336	21.200	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.041	63	392290	82.034	ug/l	90
59) 2-Hexanone	11.087	43	1648873	102.489	ug/l	92
60) Dibromochloromethane	11.237	129	200700	18.296	ug/l	99
61) 1,2-Dibromoethane	11.347	107	224979	19.382	ug/l	99
64) Tetrachloroethene	10.977	164	191321	19.683	ug/l	93
65) Chlorobenzene	11.771	112	588384	20.232	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.840	131	197646	19.309	ug/l	99
67) Ethyl Benzene	11.846	91	1092989	20.690	ug/l	95
68) m/p-Xylenes	11.953	106	798008	41.489	ug/l	92
69) o-Xylene	12.280	106	395397	20.408	ug/l	91
70) Styrene	12.294	104	630736	20.531	ug/l	95
71) Bromoform	12.457	173	135619	17.376	ug/l #	99
73) Isopropylbenzene	12.578	105	1035168	19.829	ug/l	97
74) N-amyl acetate	12.388	43	424770	18.399	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.827	83	367930	20.381	ug/l	99
76) 1,2,3-Trichloropropane	12.881	75	321312m	19.095	ug/l	
77) Bromobenzene	12.860	156	236946	19.323	ug/l	75
78) n-propylbenzene	12.921	91	1152091	19.832	ug/l	96
79) 2-Chlorotoluene	13.007	91	737168	20.083	ug/l	92
80) 1,3,5-Trimethylbenzene	13.061	105	833542	19.837	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.626	75	72979	17.103	ug/l #	79
82) 4-Chlorotoluene	13.104	91	678219	19.647	ug/l	93
83) tert-Butylbenzene	13.324	119	737603	19.825	ug/l	93
84) 1,2,4-Trimethylbenzene	13.369	105	809045	20.218	ug/l	97
85) sec-Butylbenzene	13.501	105	991257	19.642	ug/l	97
86) p-Isopropyltoluene	13.616	119	774898	19.644	ug/l	95
87) 1,3-Dichlorobenzene	13.616	146	396480	19.682	ug/l	96
88) 1,4-Dichlorobenzene	13.694	146	381874	19.290	ug/l	95
89) n-Butylbenzene	13.943	91	592594	18.519	ug/l	98
90) Hexachloroethane	14.209	117	114231	16.493	ug/l	88
91) 1,2-Dichlorobenzene	13.989	146	397269	20.240	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.603	75	56724	17.389	ug/l	74
93) 1,2,4-Trichlorobenzene	15.265	180	163785	18.912	ug/l	98
94) Hexachlorobutadiene	15.367	225	103024	19.805	ug/l	99
95) Naphthalene	15.507	128	462875	18.841	ug/l	99
96) 1,2,3-Trichlorobenzene	15.700	180	165643	19.231	ug/l	99

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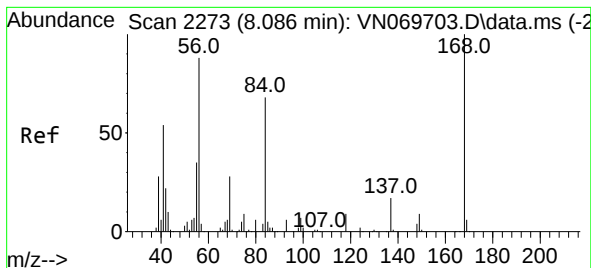
Manual Integrations
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Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.086 min Scan# 2273

Delta R.T. -0.000 min

Lab File: VN070075.D

Acq: 14 Dec 2021 16:52

Instrument :

MSVOA_N

ClientSampleId :

VN1214WBSD01

Tgt Ion:168 Resp: 927260

Ion Ratio Lower Upper

168 100

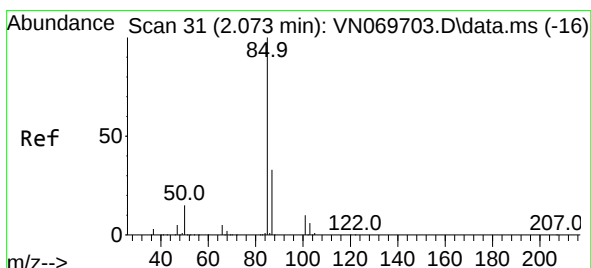
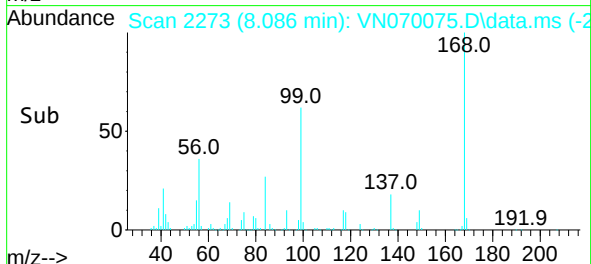
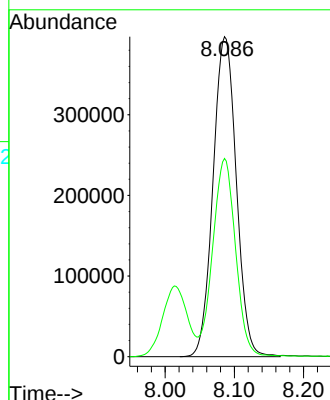
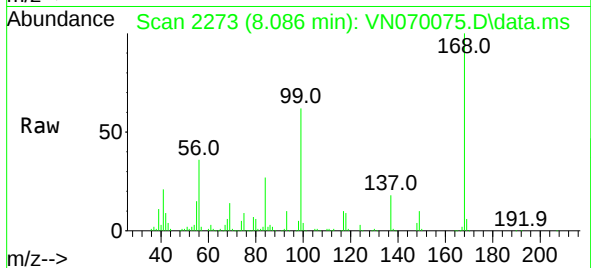
99 61.6 41.3 61.9

Manual Integrations

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Supervised By :Mahesh Dadoda 12/21/2021



#2

Dichlorodifluoromethane

Concen: 18.693 ug/l

RT: 2.073 min Scan# 31

Delta R.T. 0.000 min

Lab File: VN070075.D

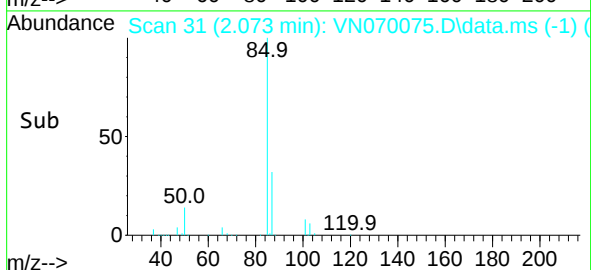
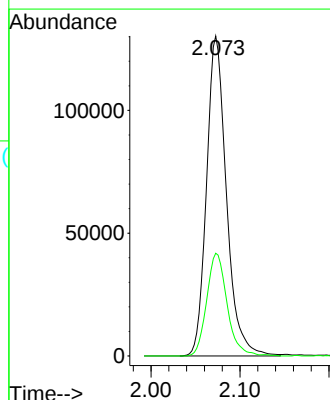
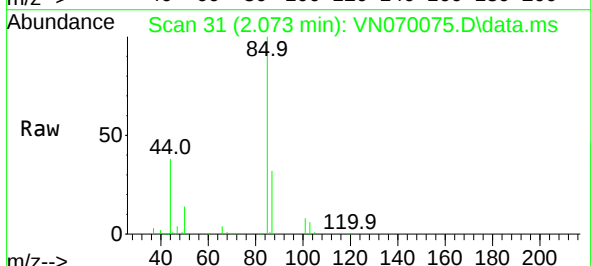
Acq: 14 Dec 2021 16:52

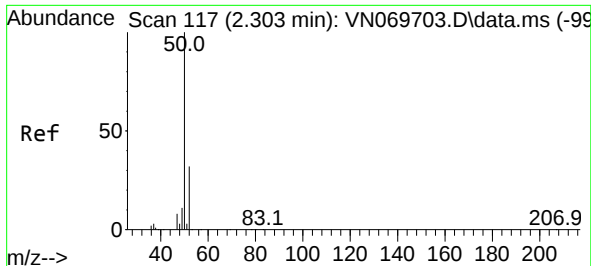
Tgt Ion: 85 Resp: 202171

Ion Ratio Lower Upper

85 100

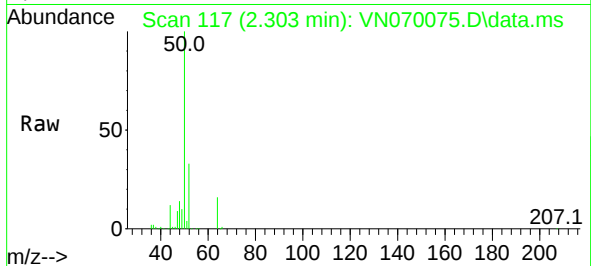
87 32.1 16.3 48.9





#3
Chloromethane
Concen: 19.921 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN070075.D
Acq: 14 Dec 2021 16:52

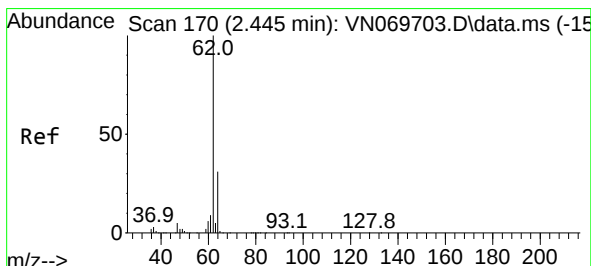
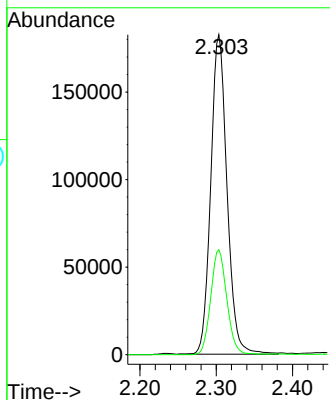
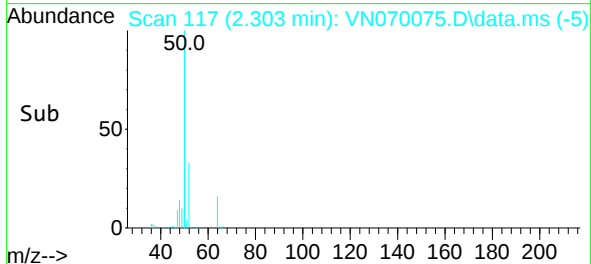
Instrument :
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ClientSampleId :
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Tgt Ion: 50 Resp: 269914
Ion Ratio Lower Upper
50 100
52 32.9 25.4 38.0

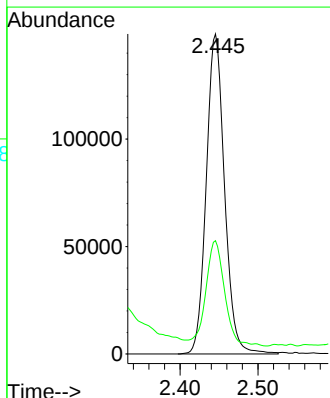
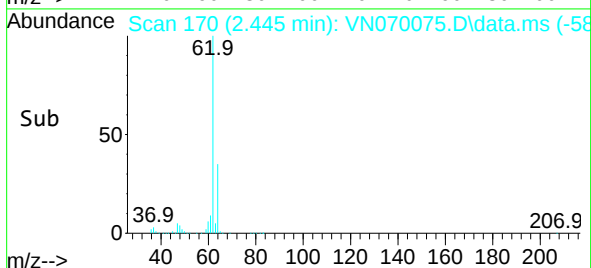
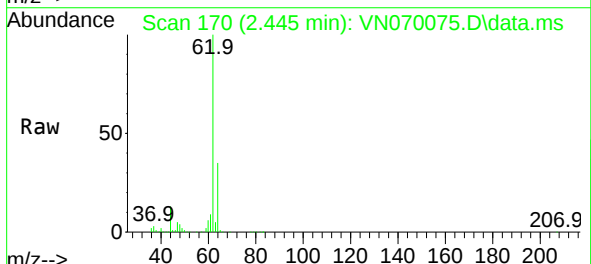
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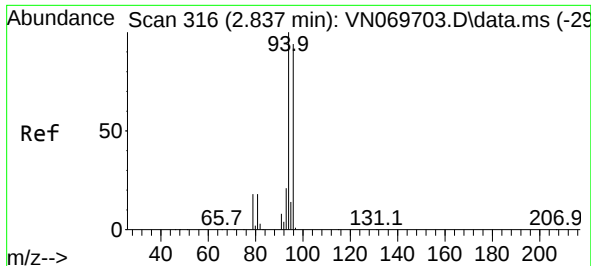
Reviewed By :John Carlone 12/15/2021
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#4
Vinyl Chloride
Concen: 19.529 ug/l
RT: 2.445 min Scan# 170
Delta R.T. 0.000 min
Lab File: VN070075.D
Acq: 14 Dec 2021 16:52

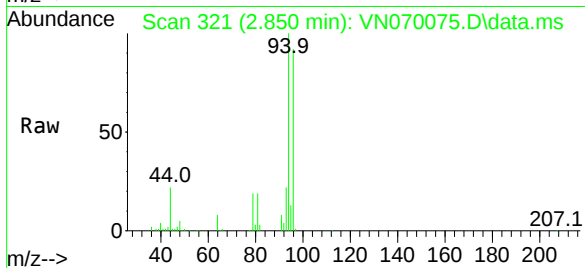
Tgt Ion: 62 Resp: 243309
Ion Ratio Lower Upper
62 100
64 32.5 25.8 38.6





#5
Bromomethane
Concen: 20.244 ug/l
RT: 2.850 min Scan# 316
Delta R.T. 0.014 min
Lab File: VN070075.D
Acq: 14 Dec 2021 16:52

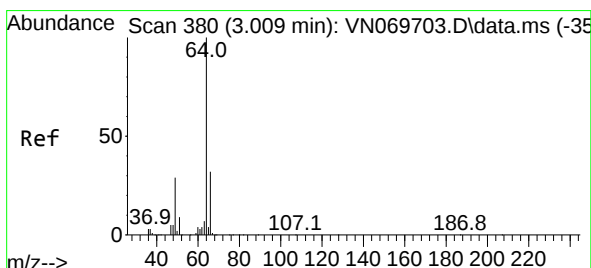
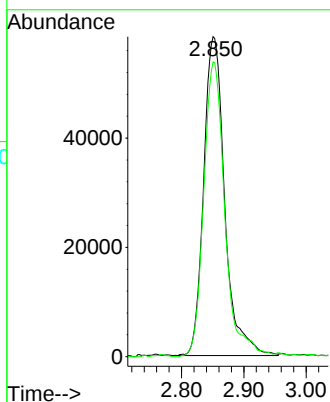
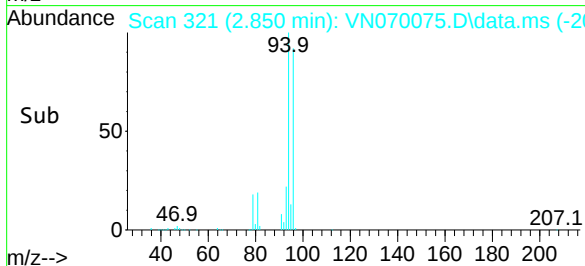
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Tgt Ion: 94 Resp: 137020
Ion Ratio Lower Upper
94 100
96 92.4 73.8 110.8

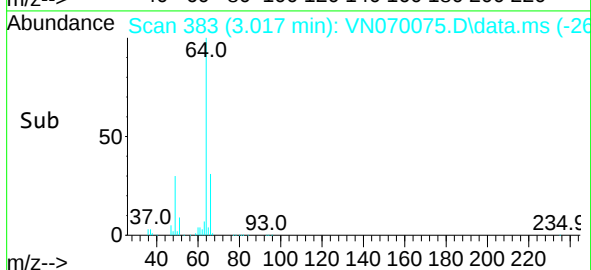
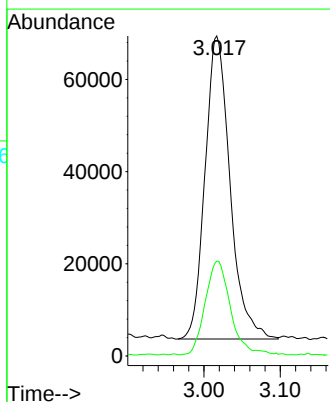
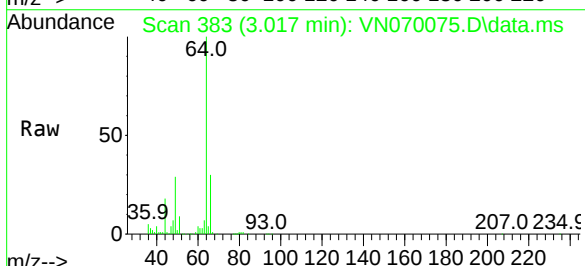
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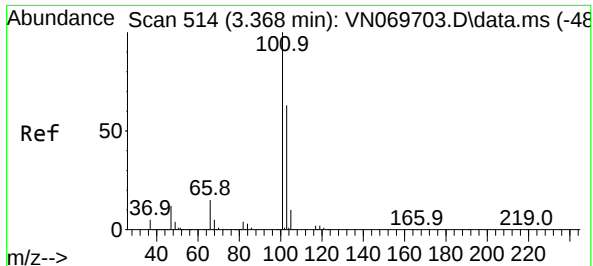
Reviewed By :John Carlone 12/15/2021
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#6
Chloroethane
Concen: 19.600 ug/l
RT: 3.017 min Scan# 383
Delta R.T. 0.008 min
Lab File: VN070075.D
Acq: 14 Dec 2021 16:52

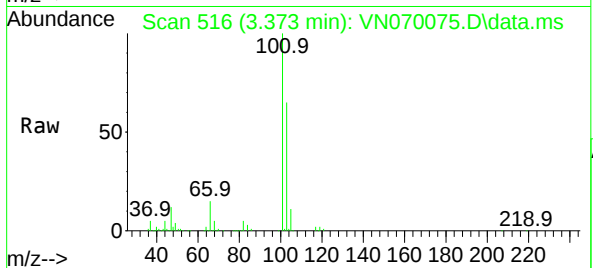
Tgt Ion: 64 Resp: 149634
Ion Ratio Lower Upper
64 100
66 30.9 26.3 39.5





#7
 Trichlorofluoromethane
 Concen: 18.708 ug/l
 RT: 3.373 min Scan# 514
 Delta R.T. 0.005 min
 Lab File: VN070075.D
 Acq: 14 Dec 2021 16:52

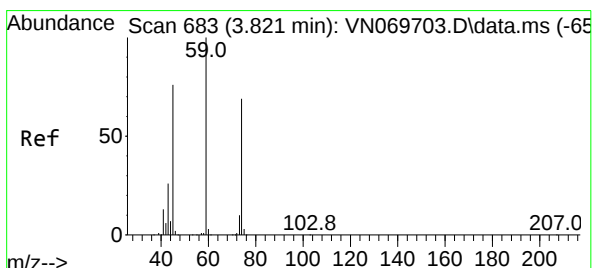
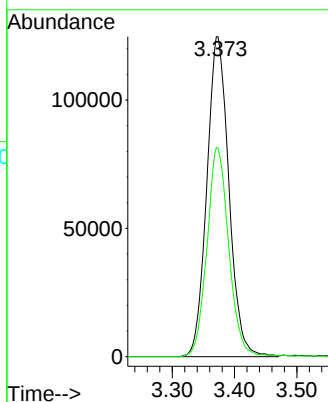
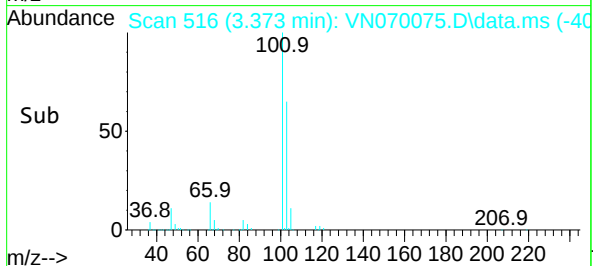
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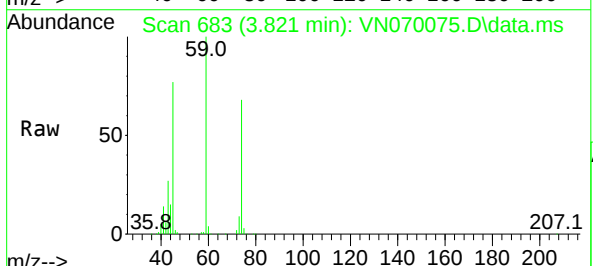
Tgt Ion:101 Resp: 305909
 Ion Ratio Lower Upper
 101 100
 103 65.2 50.1 75.1

Manual Integrations
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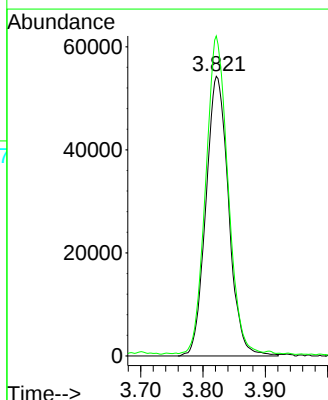
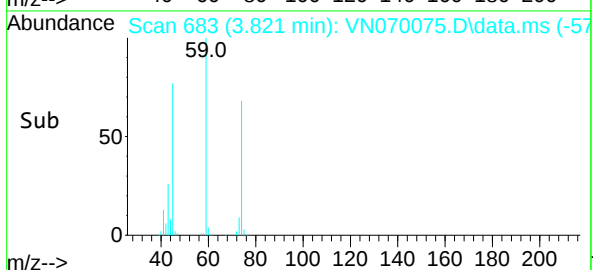
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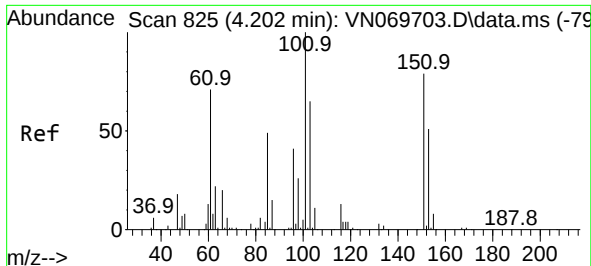


#8
 Diethyl Ether
 Concen: 21.863 ug/l
 RT: 3.821 min Scan# 683
 Delta R.T. 0.000 min
 Lab File: VN070075.D
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Tgt Ion: 74 Resp: 137688
 Ion Ratio Lower Upper
 74 100
 45 110.3 47.0 141.2





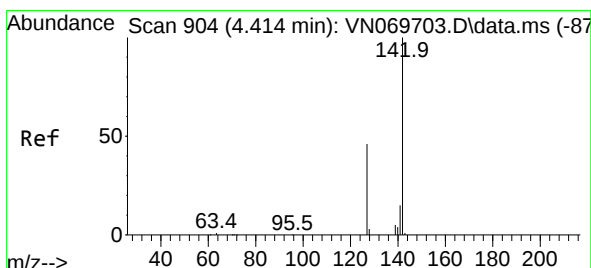
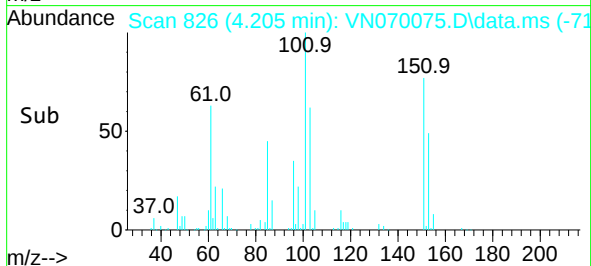
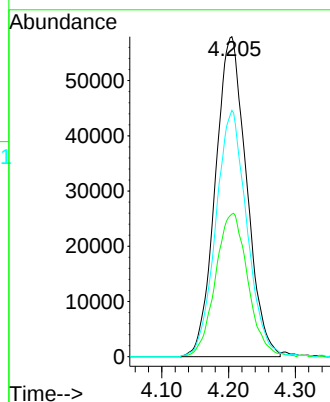
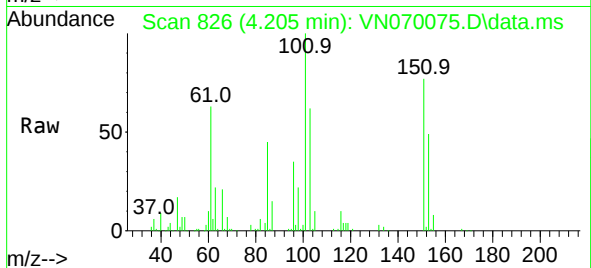
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.462 ug/l
RT: 4.205 min Scan# 81
Delta R.T. 0.003 min
Lab File: VN070075.D
Acq: 14 Dec 2021 16:52

Instrument :
MSVOA_N
ClientSampleId :
VN1214WBSD01

Tgt Ion:101 Resp: 18755
Ion Ratio Lower Upper
101 100
85 46.7 37.2 55.8
151 76.8 65.9 98.9

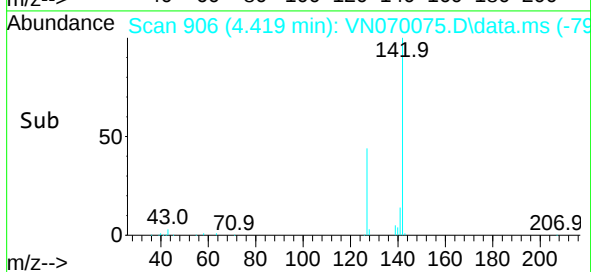
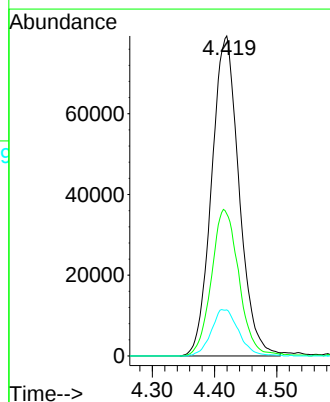
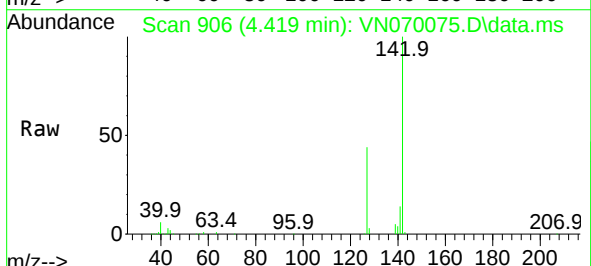
Manual Integrations
APPROVED

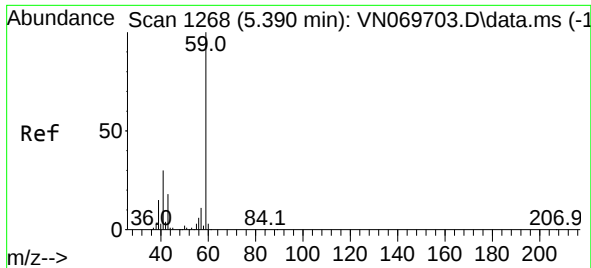
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021



#10
Methyl Iodide
Concen: 19.376 ug/l
RT: 4.419 min Scan# 906
Delta R.T. 0.005 min
Lab File: VN070075.D
Acq: 14 Dec 2021 16:52

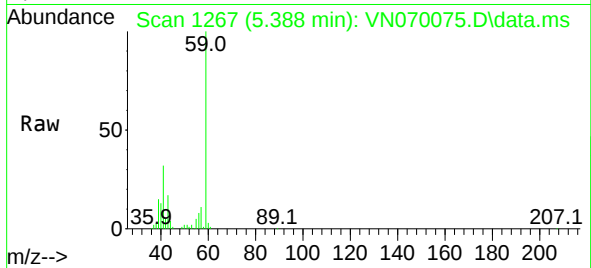
Tgt Ion:142 Resp: 242624
Ion Ratio Lower Upper
142 100
127 46.1 35.4 53.0
141 14.5 11.6 17.4





#11
Tert butyl alcohol
Concen: 94.872 ug/l
RT: 5.388 min Scan# 11
Delta R.T. -0.003 min
Lab File: VN070075.D
Acq: 14 Dec 2021 16:52

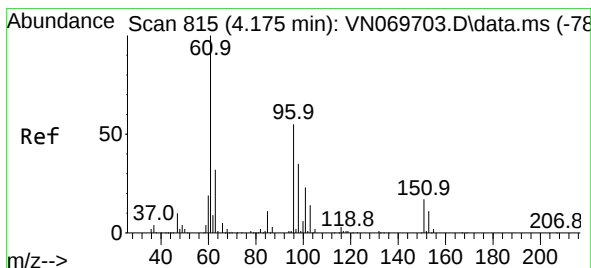
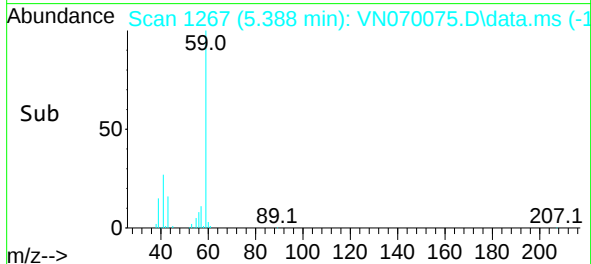
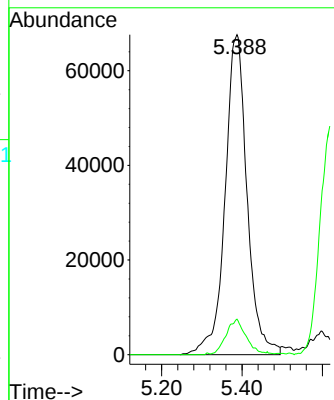
Instrument :
MSVOA_N
ClientSampleId :
VN1214WBSD01



Tgt Ion: 59 Resp: 256749
Ion Ratio Lower Upper
59 100
57 9.5 8.7 13.1

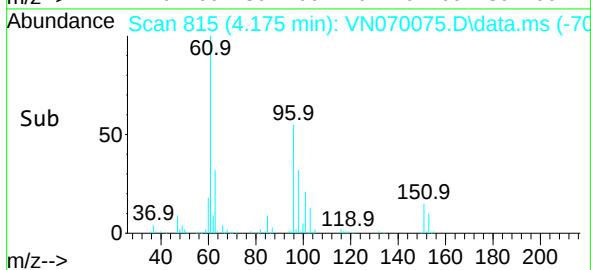
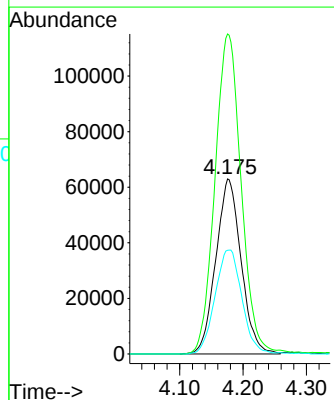
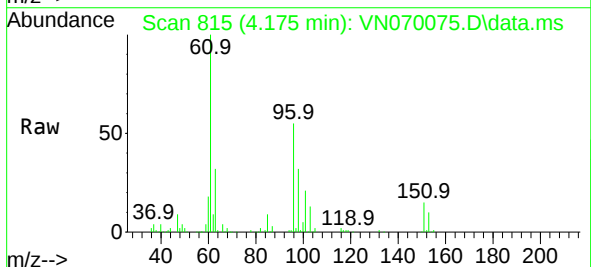
Manual Integrations
APPROVED

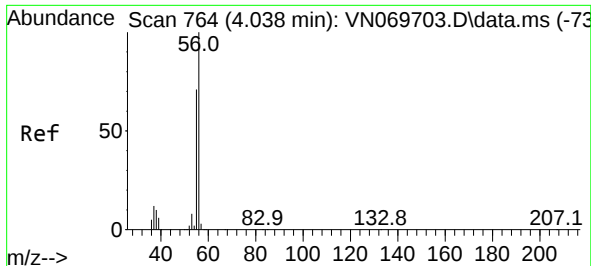
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021



#12
1,1-Dichloroethene
Concen: 19.787 ug/l
RT: 4.175 min Scan# 815
Delta R.T. 0.000 min
Lab File: VN070075.D
Acq: 14 Dec 2021 16:52

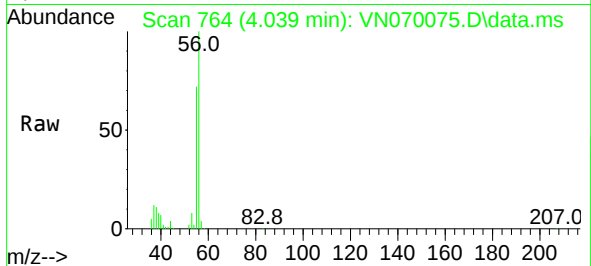
Tgt Ion: 96 Resp: 174768
Ion Ratio Lower Upper
96 100
61 182.8 131.0 196.6
98 59.3 52.4 78.6





#13
Acrolein
Concen: 89.353 ug/l
RT: 4.039 min Scan# 70
Delta R.T. 0.000 min
Lab File: VN070075.D
Acq: 14 Dec 2021 16:52

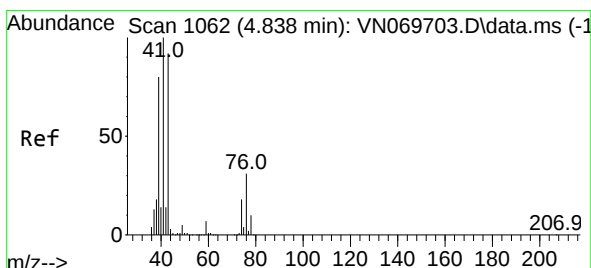
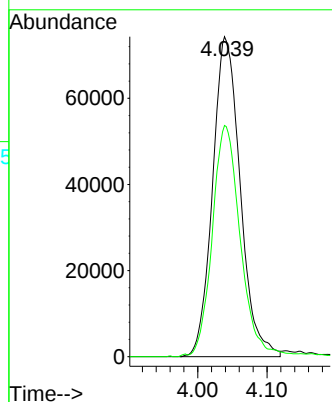
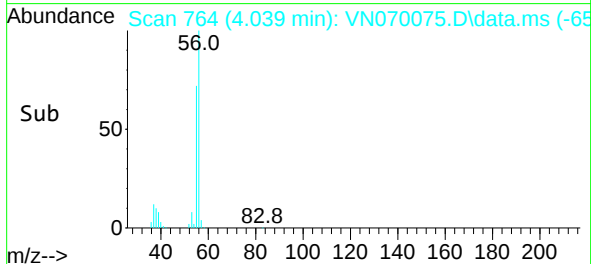
Instrument :
MSVOA_N
ClientSampleId :
VN1214WBSD01



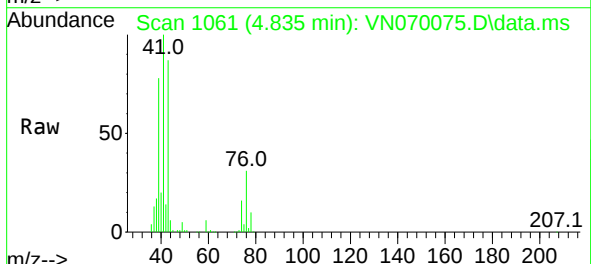
Tgt Ion: 56 Resp: 205920
Ion Ratio Lower Upper
56 100
55 71.4 56.6 85.0

Manual Integrations
APPROVED

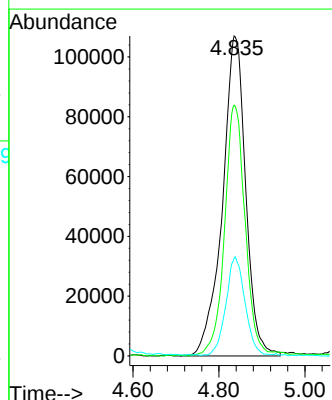
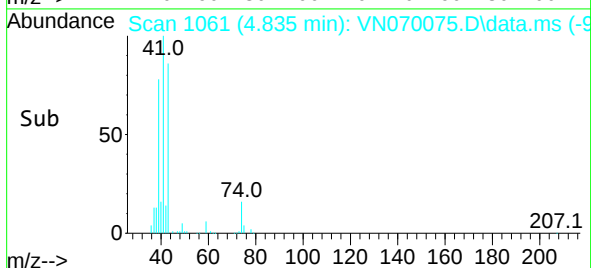
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021

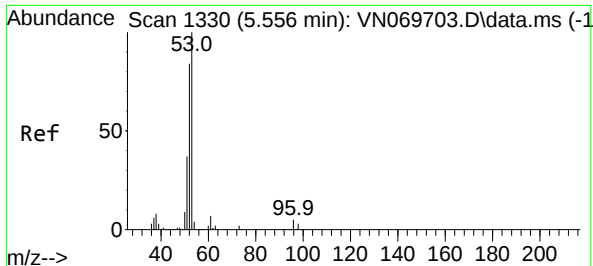


#14
Allyl chloride
Concen: 20.207 ug/l
RT: 4.835 min Scan# 1061
Delta R.T. -0.003 min
Lab File: VN070075.D
Acq: 14 Dec 2021 16:52



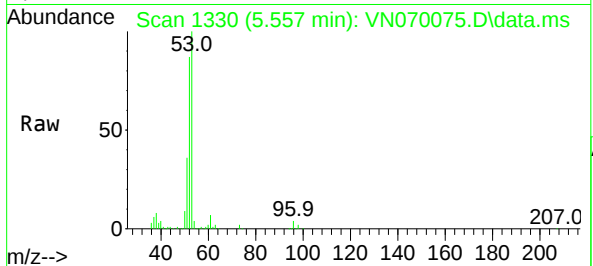
Tgt Ion: 41 Resp: 402176
Ion Ratio Lower Upper
41 100
39 68.4 61.2 91.8
76 25.1 26.0 39.0#





#15
Acrylonitrile
Concen: 108.611 ug/l
RT: 5.557 min Scan# 1330
Delta R.T. 0.000 min
Lab File: VN070075.D
Acq: 14 Dec 2021 16:52

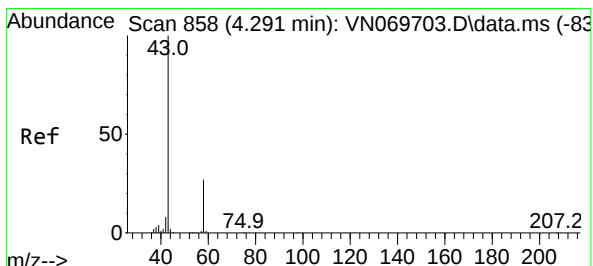
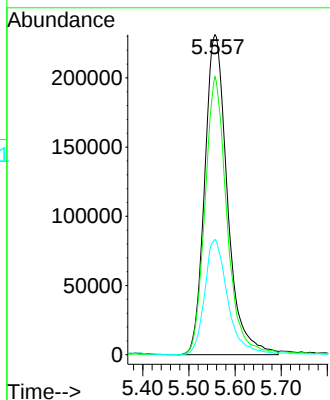
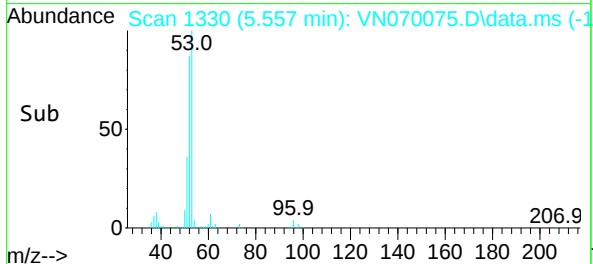
Instrument :
MSVOA_N
ClientSampleId :
VN1214WBSD01



Tgt Ion: 53 Resp: 792033
Ion Ratio Lower Upper
53 100
52 83.3 66.2 99.2
51 36.5 29.6 44.4

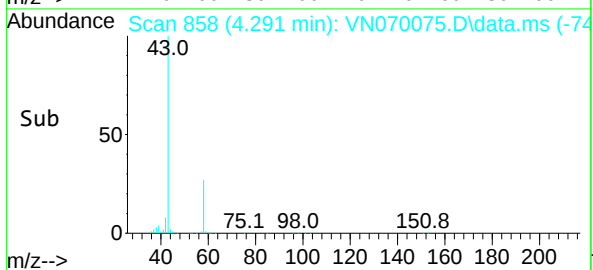
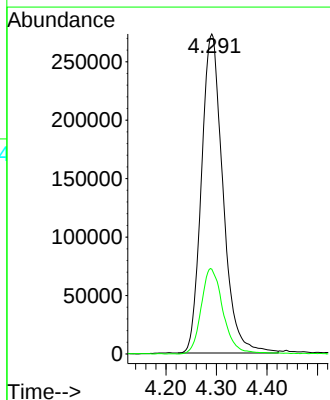
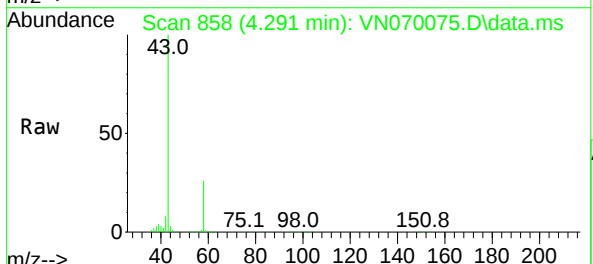
Manual Integrations
APPROVED

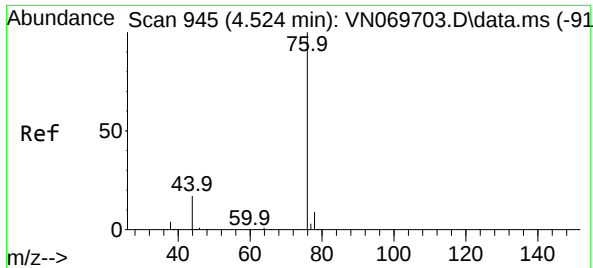
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021



#16
Acetone
Concen: 93.672 ug/l
RT: 4.291 min Scan# 858
Delta R.T. 0.000 min
Lab File: VN070075.D
Acq: 14 Dec 2021 16:52

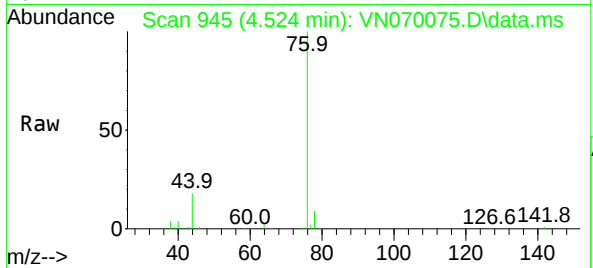
Tgt Ion: 43 Resp: 806733
Ion Ratio Lower Upper
43 100
58 26.6 23.1 34.7





#17
Carbon Disulfide
Concen: 16.089 ug/l
RT: 4.524 min Scan# 945
Delta R.T. 0.000 min
Lab File: VN070075.D
Acq: 14 Dec 2021 16:52

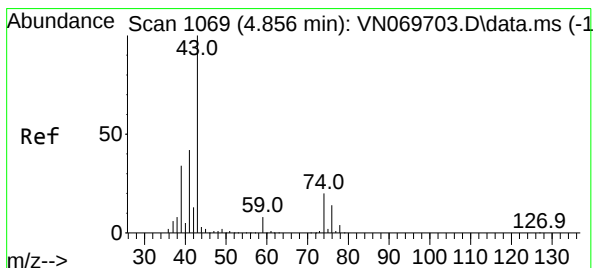
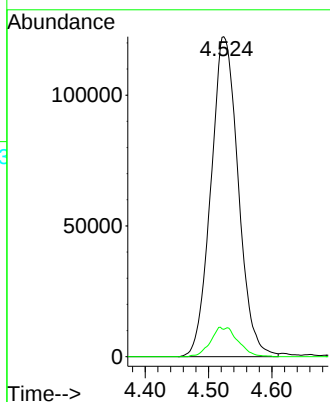
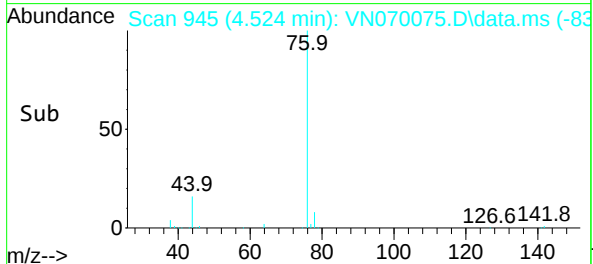
Instrument :
MSVOA_N
ClientSampleId :
VN1214WBSD01



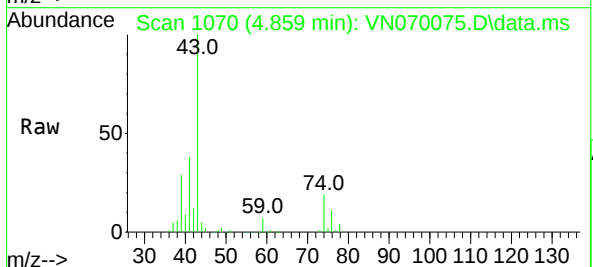
Tgt Ion: 76 Resp: 36713
Ion Ratio Lower Upper
76 100
78 8.6 7.5 11.3

Manual Integrations
APPROVED

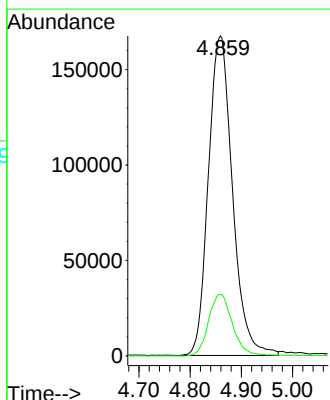
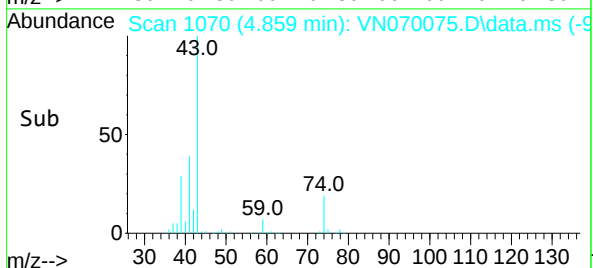
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021

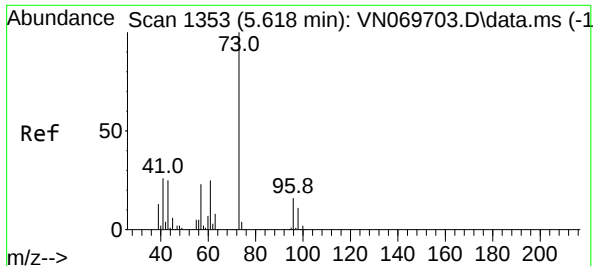


#18
Methyl Acetate
Concen: 21.073 ug/l
RT: 4.859 min Scan# 1070
Delta R.T. 0.003 min
Lab File: VN070075.D
Acq: 14 Dec 2021 16:52



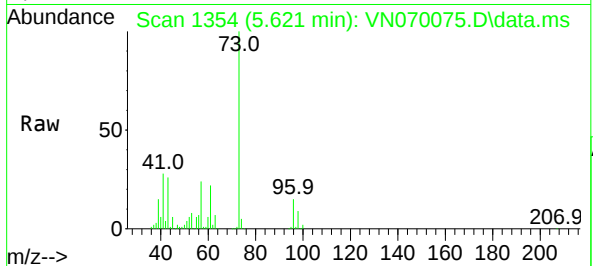
Tgt Ion: 43 Resp: 547809
Ion Ratio Lower Upper
43 100
74 19.0 19.4 29.2#





#19
Methyl tert-butyl Ether
Concen: 21.087 ug/l
RT: 5.621 min Scan# 11354
Delta R.T. 0.003 min
Lab File: VN070075.D
Acq: 14 Dec 2021 16:52

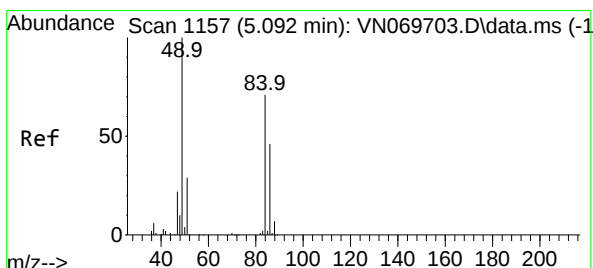
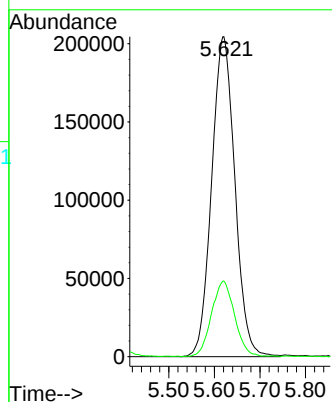
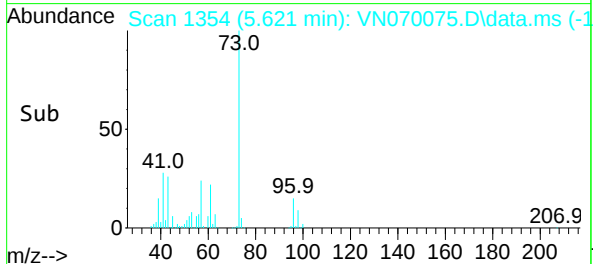
Instrument :
MSVOA_N
ClientSampleId :
VN1214WBSD01



Tgt Ion: 73 Resp: 72420
Ion Ratio Lower Upper
73 100
57 23.6 16.8 25.2

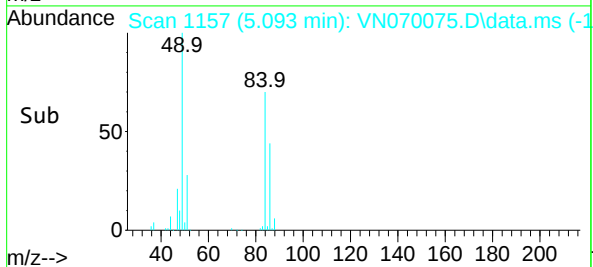
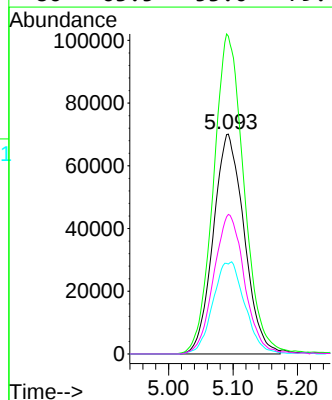
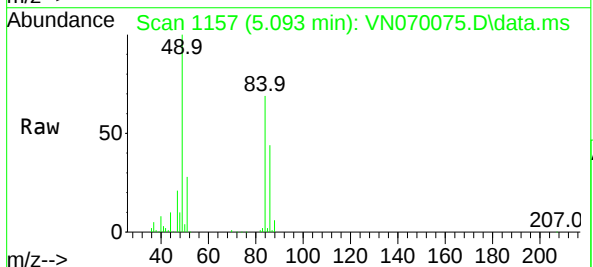
Manual Integrations
APPROVED

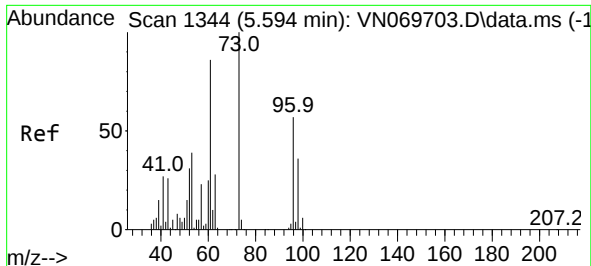
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021



#20
Methylene Chloride
Concen: 20.364 ug/l
RT: 5.093 min Scan# 1157
Delta R.T. 0.000 min
Lab File: VN070075.D
Acq: 14 Dec 2021 16:52

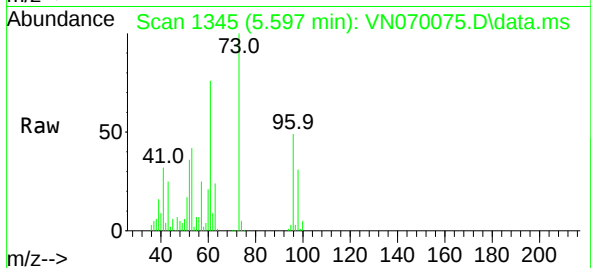
Tgt Ion: 84 Resp: 233149
Ion Ratio Lower Upper
84 100
49 144.2 93.5 140.3#
51 40.9 29.4 44.2
86 63.5 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 20.223 ug/l
RT: 5.597 min Scan# 11
Delta R.T. 0.003 min
Lab File: VN070075.D
Acq: 14 Dec 2021 16:52

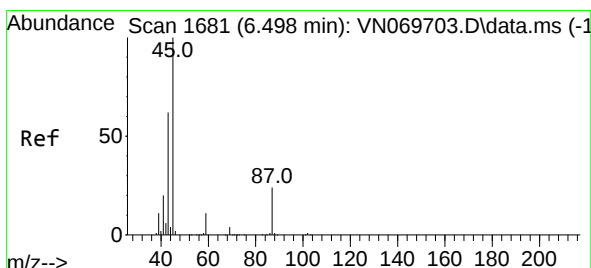
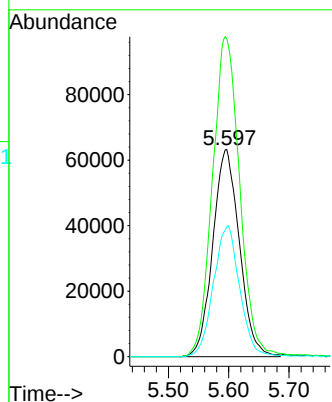
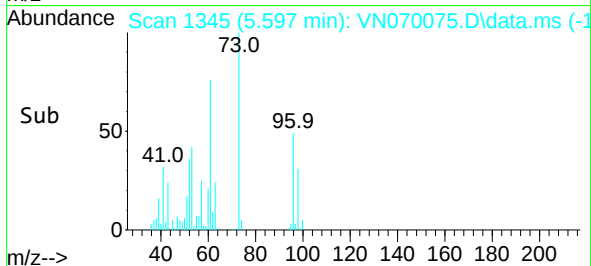
Instrument :
MSVOA_N
ClientSampleId :
VN1214WBSD01



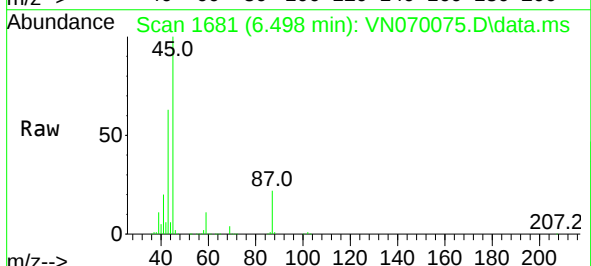
Tgt Ion: 96 Resp: 194015
Ion Ratio Lower Upper
96 100
61 153.5 105.8 158.6
98 62.6 52.0 78.0

Manual Integrations
APPROVED

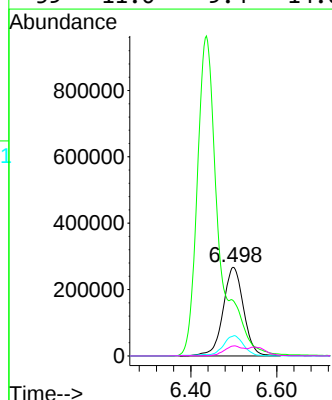
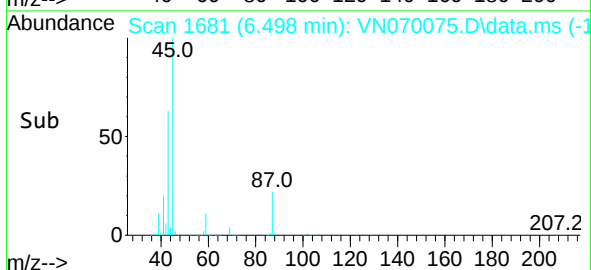
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021

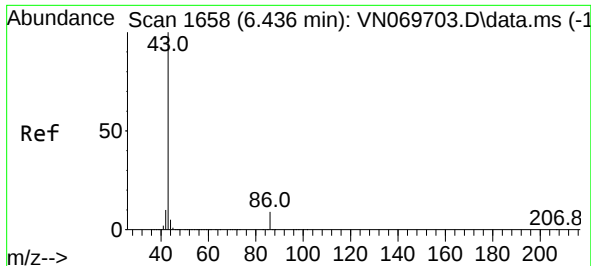


#22
Diisopropyl ether
Concen: 22.647 ug/l
RT: 6.498 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VN070075.D
Acq: 14 Dec 2021 16:52



Tgt Ion: 45 Resp: 881025
Ion Ratio Lower Upper
45 100
43 61.1 51.7 77.5
87 22.3 23.2 34.8#
59 11.0 9.4 14.0





#23

Vinyl Acetate

Concen: 92.200 ug/l

RT: 6.436 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN070075.D

Acq: 14 Dec 2021 16:52

Instrument :

MSVOA_N

ClientSampleId :

VN1214WBSD01

Tgt Ion: 43 Resp: 291800

Ion Ratio Lower Upper

43 100

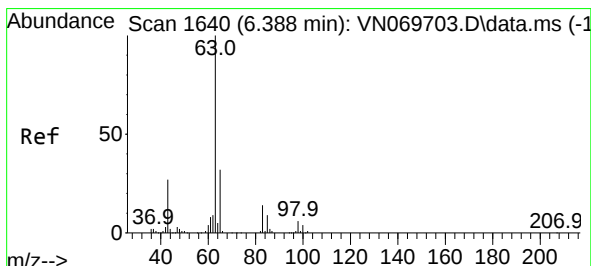
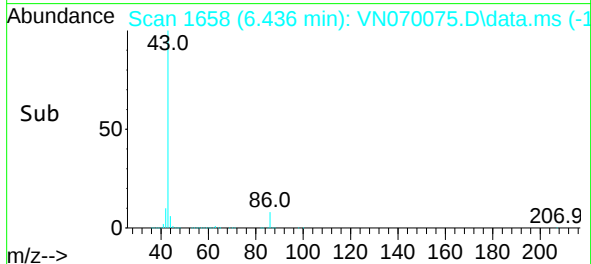
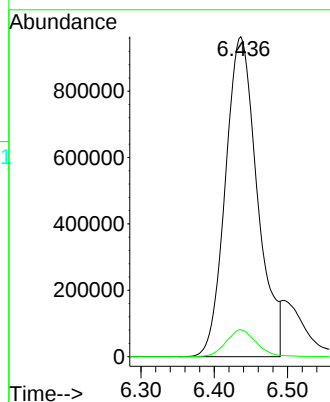
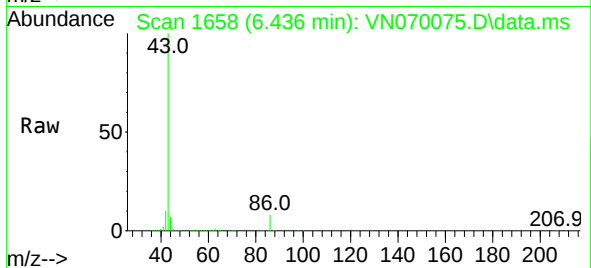
86 8.4 8.5 12.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2021

Supervised By :Mahesh Dadoda 12/21/2021



#24

1,1-Dichloroethane

Concen: 21.522 ug/l

RT: 6.388 min Scan# 1640

Delta R.T. 0.000 min

Lab File: VN070075.D

Acq: 14 Dec 2021 16:52

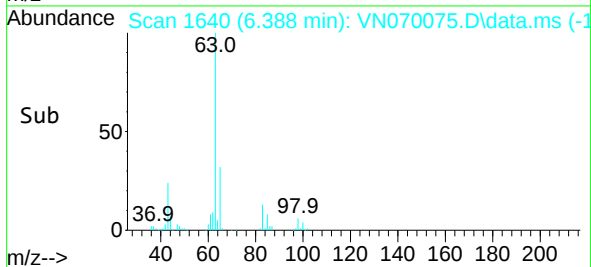
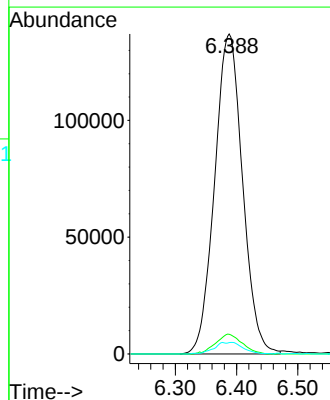
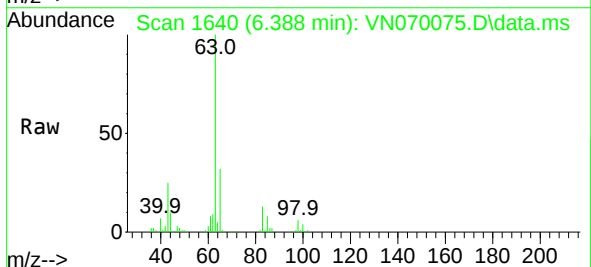
Tgt Ion: 63 Resp: 433694

Ion Ratio Lower Upper

63 100

98 6.2 3.3 9.9

100 3.5 2.1 6.5





#25

2-Butanone

Concen: 101.038 ug/l

RT: 7.337 min Scan# 1994

Delta R.T. 0.000 min

Lab File: VN070075.D

Acq: 14 Dec 2021 16:52

Instrument :

MSVOA_N

ClientSampleId :

VN1214WBSD01

Tgt Ion: 43 Resp: 1182309

Ion Ratio Lower Upper

43 100

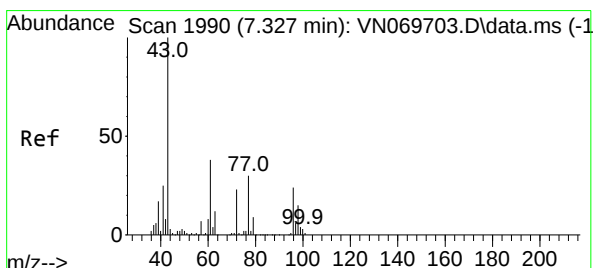
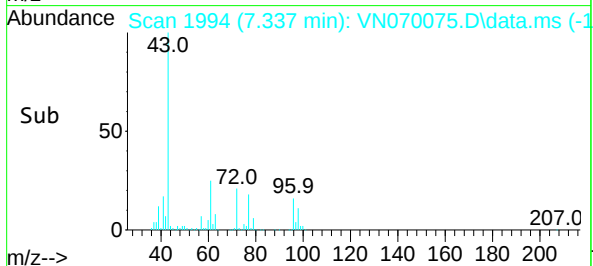
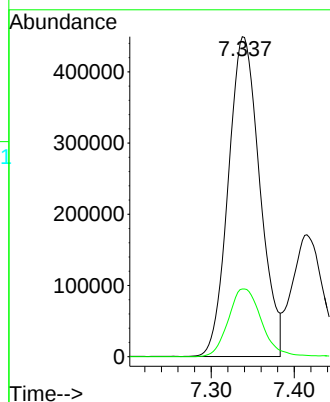
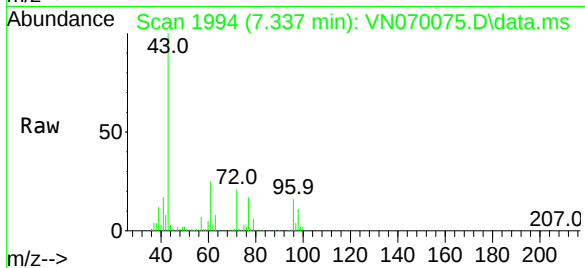
72 21.2 21.7 32.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2021

Supervised By :Mahesh Dadoda 12/21/2021



#26

2,2-Dichloropropane

Concen: 18.091 ug/l

RT: 7.324 min Scan# 1989

Delta R.T. -0.003 min

Lab File: VN070075.D

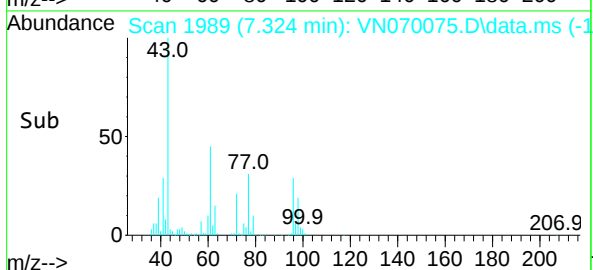
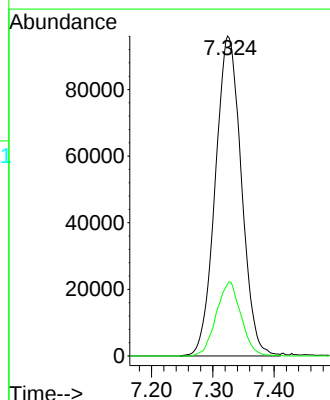
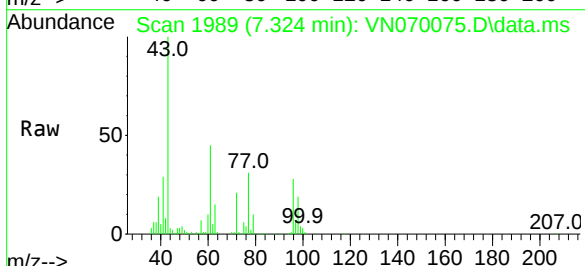
Acq: 14 Dec 2021 16:52

Tgt Ion: 77 Resp: 283447

Ion Ratio Lower Upper

77 100

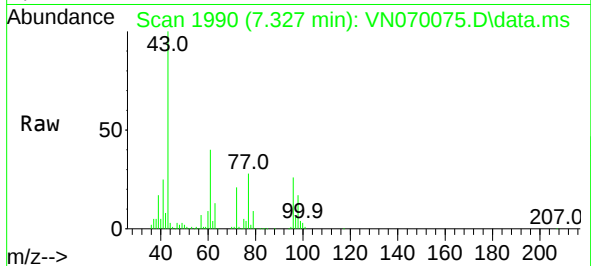
97 22.0 11.6 34.8





#27
 cis-1,2-Dichloroethene
 Concen: 20.445 ug/l
 RT: 7.327 min Scan# 1990
 Delta R.T. 0.000 min
 Lab File: VN070075.D
 Acq: 14 Dec 2021 16:52

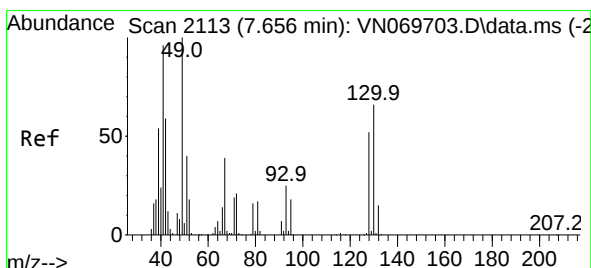
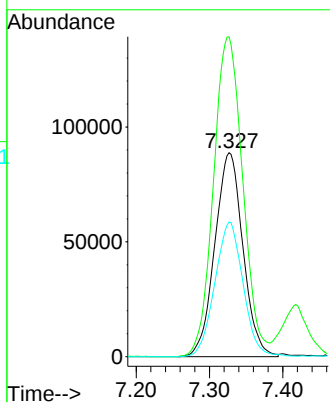
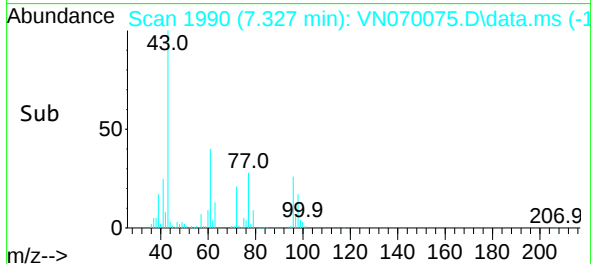
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1214WBSD01



Tgt Ion: 96 Resp: 23697
 Ion Ratio Lower Upper
 96 100
 61 163.0 0.0 275.0
 98 66.2 0.0 129.6

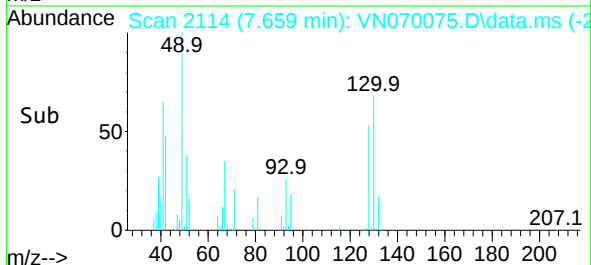
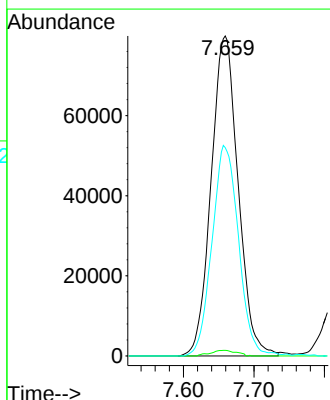
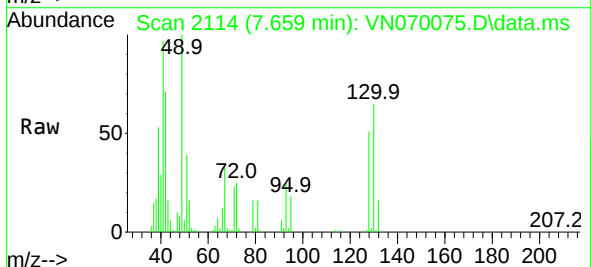
Manual Integrations
 APPROVED

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



#28
 Bromochloromethane
 Concen: 20.289 ug/l
 RT: 7.659 min Scan# 2114
 Delta R.T. 0.003 min
 Lab File: VN070075.D
 Acq: 14 Dec 2021 16:52

Tgt Ion: 49 Resp: 212609
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 4.0
 130 64.5 67.8 101.8#





#29

Tetrahydrofuran

Concen: 109.095 ug/l

RT: 7.689 min Scan# 2124

Delta R.T. 0.003 min

Lab File: VN070075.D

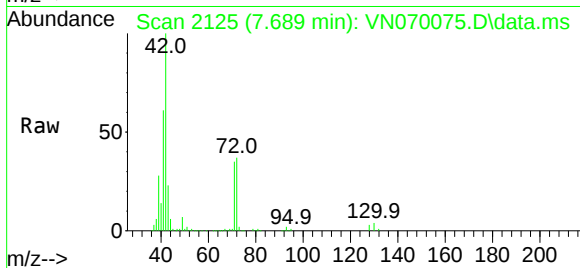
Acq: 14 Dec 2021 16:52

Instrument :

MSVOA_N

ClientSampleId :

VN1214WBSD01



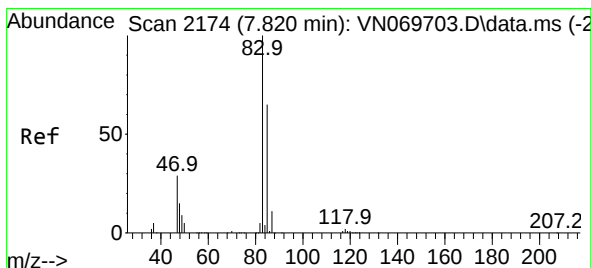
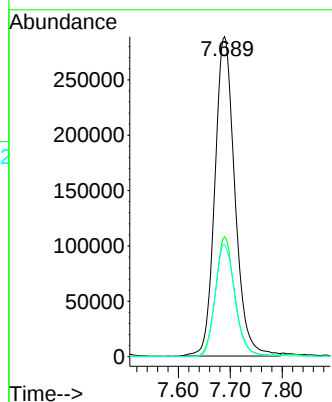
Tgt Ion:	42	Resp:	775179
Ion Ratio	100	Lower	Upper
42	100		
72	36.3	36.3	54.5
71	34.9	34.7	52.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2021

Supervised By :Mahesh Dadoda 12/21/2021



#30

Chloroform

Concen: 21.432 ug/l

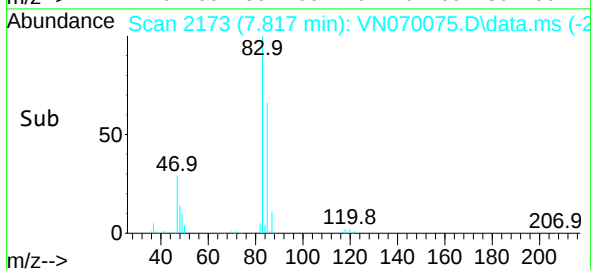
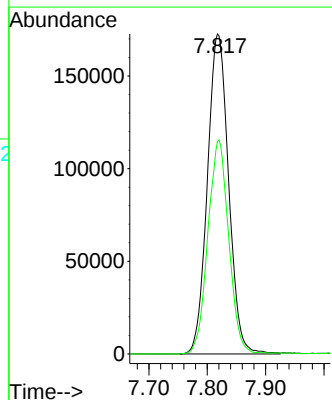
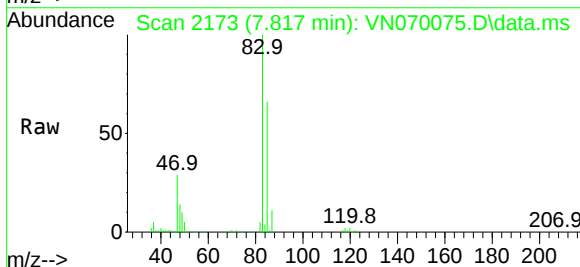
RT: 7.817 min Scan# 2173

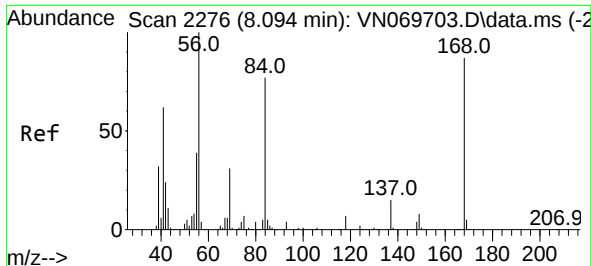
Delta R.T. -0.003 min

Lab File: VN070075.D

Acq: 14 Dec 2021 16:52

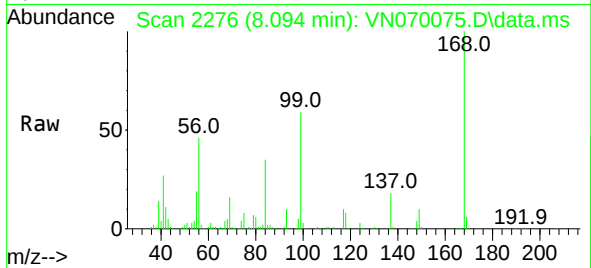
Tgt Ion:	83	Resp:	436179
Ion Ratio	100	Lower	Upper
83	100		
85	66.4	51.9	77.9





#31
Cyclohexane
Concen: 20.447 ug/l
RT: 8.094 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN070075.D
Acq: 14 Dec 2021 16:52

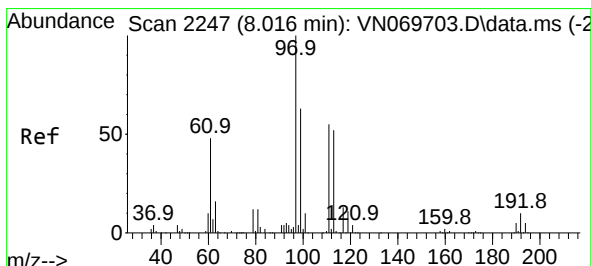
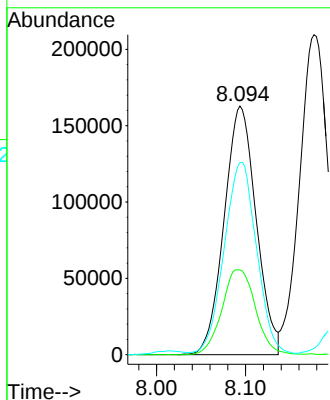
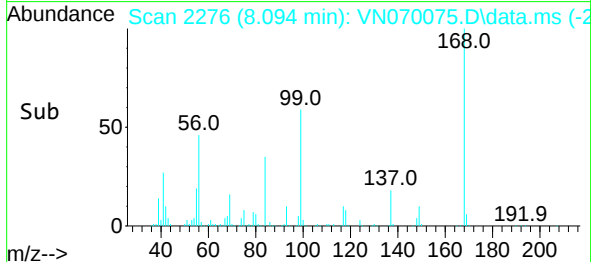
Instrument :
MSVOA_N
ClientSampleId :
VN1214WBSD01



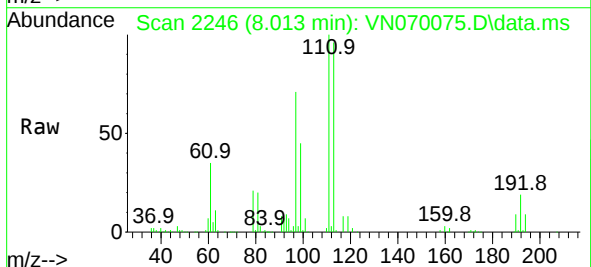
Tgt Ion: 56 Resp: 407390
Ion Ratio Lower Upper
56 100
69 34.1 27.1 40.7
84 75.9 73.4 110.0

Manual Integrations
APPROVED

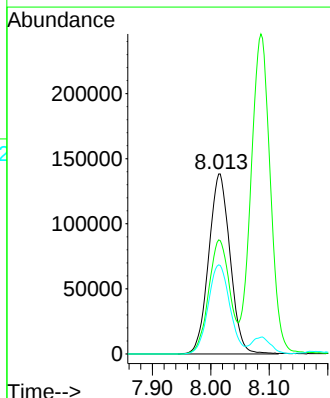
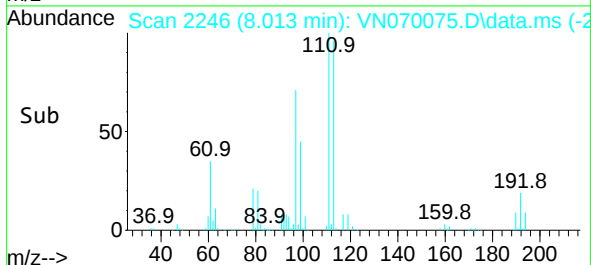
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021

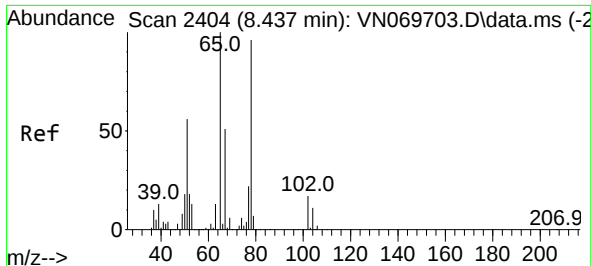


#32
1,1,1-Trichloroethane
Concen: 20.282 ug/l
RT: 8.013 min Scan# 2246
Delta R.T. -0.003 min
Lab File: VN070075.D
Acq: 14 Dec 2021 16:52



Tgt Ion: 97 Resp: 351604
Ion Ratio Lower Upper
97 100
99 61.9 50.1 75.1
61 50.1 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 56.016 ug/l

RT: 8.437 min Scan# 2404

Delta R.T. 0.000 min

Lab File: VN070075.D

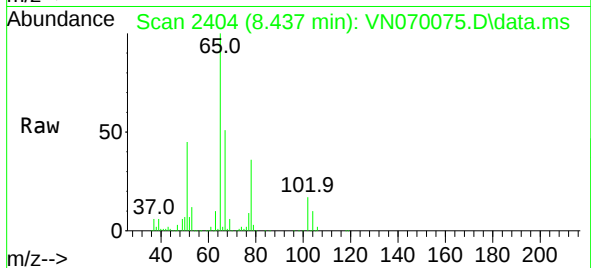
Acq: 14 Dec 2021 16:52

Instrument :

MSVOA_N

ClientSampleId :

VN1214WBSD01



Tgt Ion: 65 Resp: 80198

Ion Ratio Lower Upper

65 100

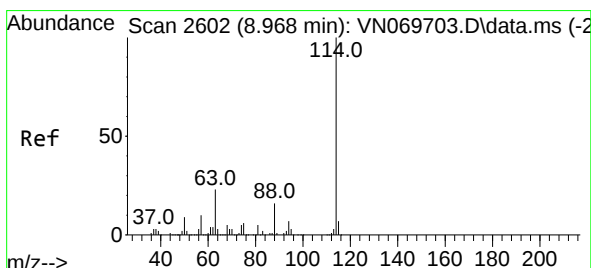
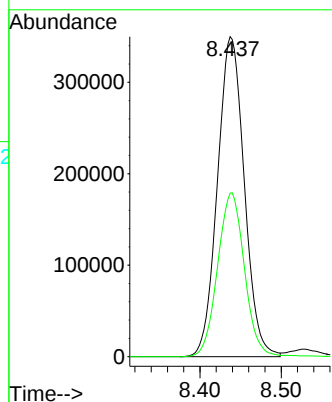
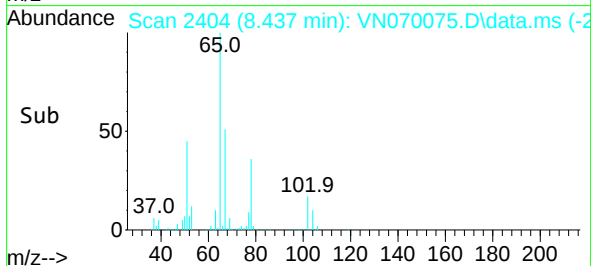
67 51.4 0.0 103.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2021

Supervised By :Mahesh Dadoda 12/21/2021



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.968 min Scan# 2602

Delta R.T. 0.000 min

Lab File: VN070075.D

Acq: 14 Dec 2021 16:52

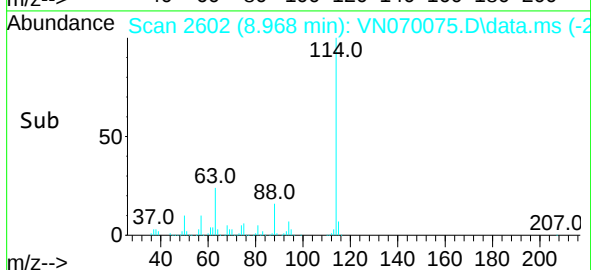
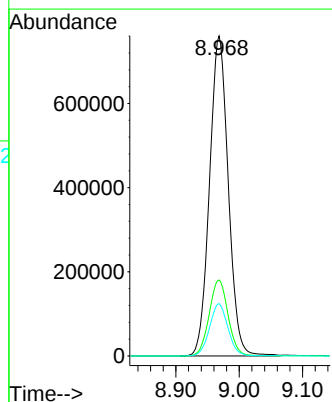
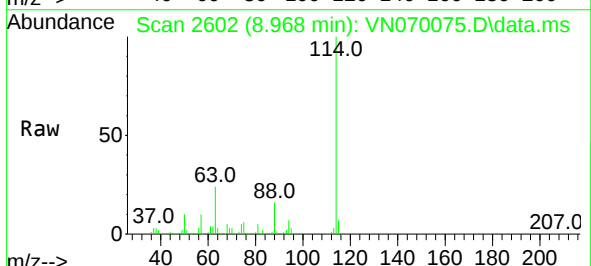
Tgt Ion:114 Resp: 1563534

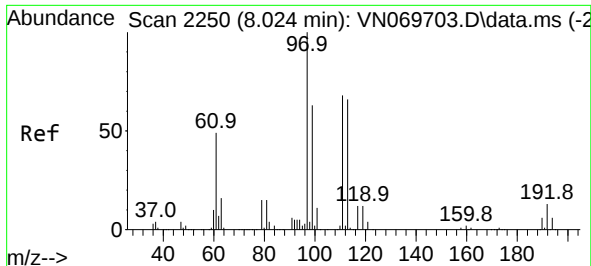
Ion Ratio Lower Upper

114 100

63 23.8 0.0 37.8

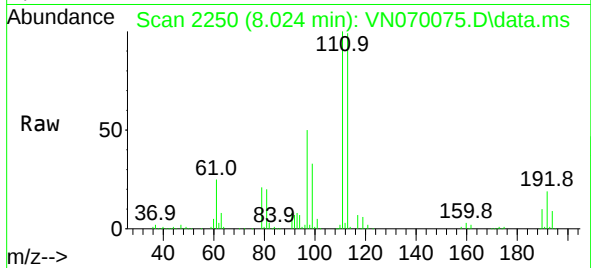
88 16.4 0.0 27.4





#35
 Dibromofluoromethane
 Concen: 55.633 ug/l
 RT: 8.024 min Scan# 2113
 Delta R.T. 0.000 min
 Lab File: VN070075.D
 Acq: 14 Dec 2021 16:52

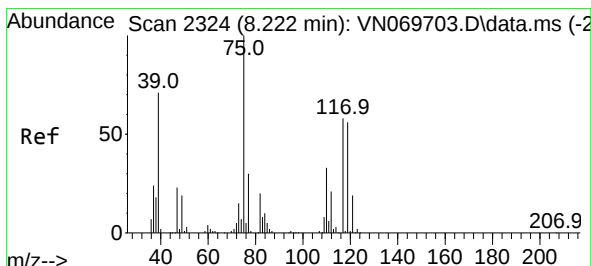
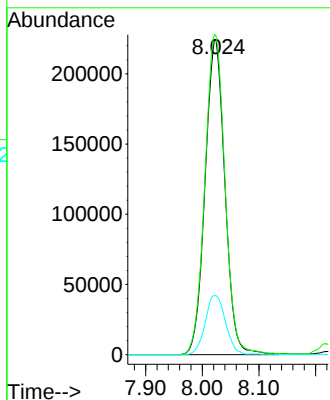
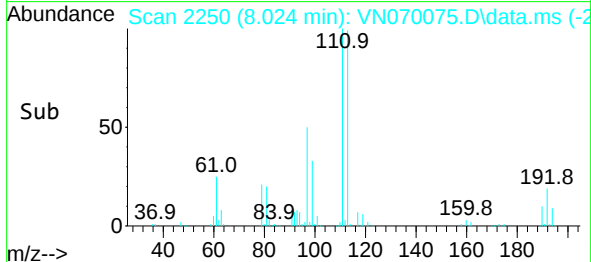
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1214WBSD01



Tgt Ion: 113 Resp: 54485
 Ion Ratio Lower Upper
 113 100
 111 103.7 82.2 123.2
 192 19.3 16.9 25.3

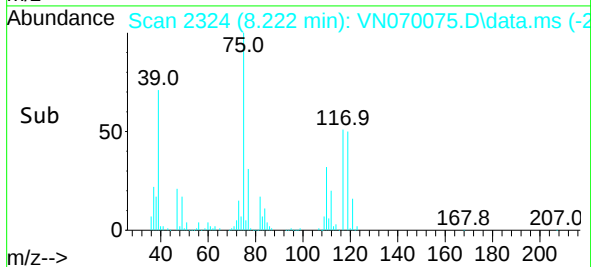
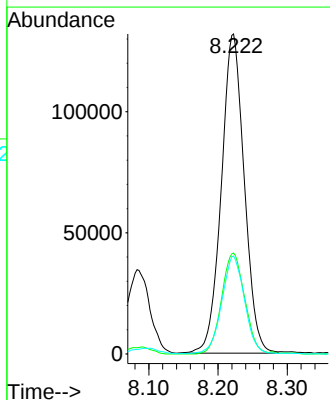
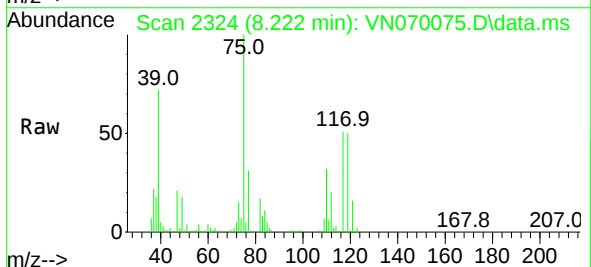
Manual Integrations
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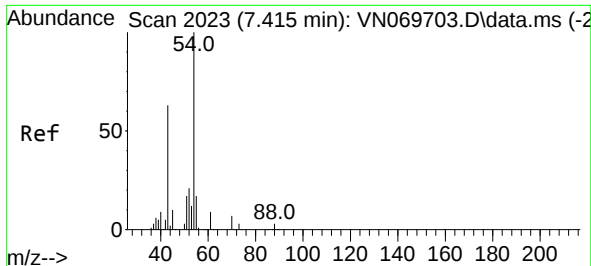
Reviewed By : John Carlone 12/15/2021
 Supervised By : Mahesh Dadoda 12/21/2021



#36
 1,1-Dichloropropene
 Concen: 20.354 ug/l
 RT: 8.222 min Scan# 2324
 Delta R.T. 0.000 min
 Lab File: VN070075.D
 Acq: 14 Dec 2021 16:52

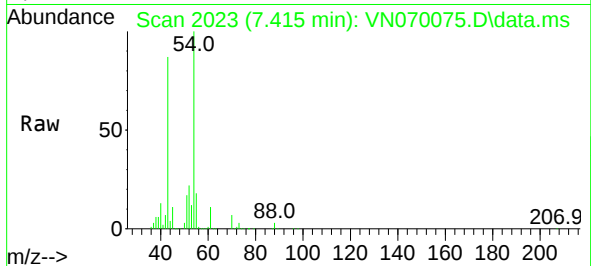
Tgt Ion: 75 Resp: 302963
 Ion Ratio Lower Upper
 75 100
 110 31.9 18.4 55.2
 77 30.1 24.4 36.6





#37
Ethyl Acetate
Concen: 19.631 ug/l
RT: 7.415 min Scan# 2023
Delta R.T. 0.000 min
Lab File: VN070075.D
Acq: 14 Dec 2021 16:52

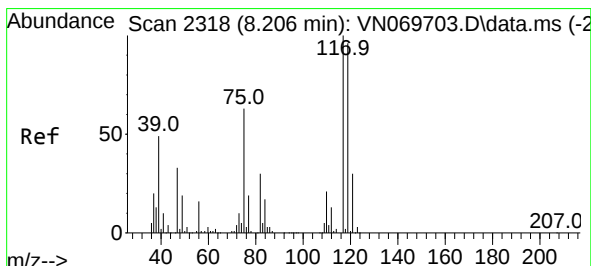
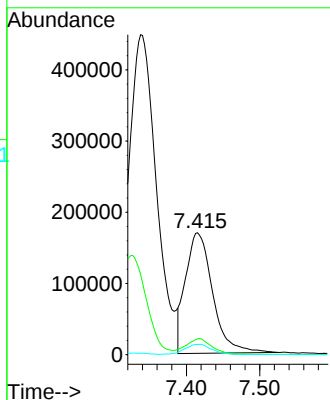
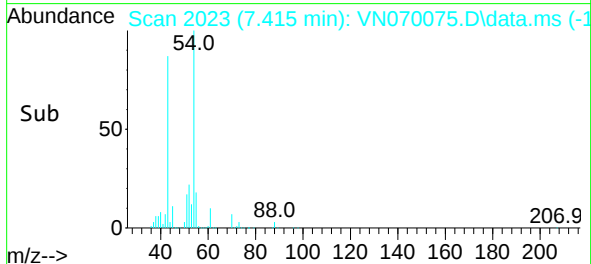
Instrument :
MSVOA_N
ClientSampleId :
VN1214WBSD01



Tgt Ion: 43 Resp: 43489
Ion Ratio Lower Upper
43 100
61 12.6 11.5 17.3
70 7.8 7.9 11.9

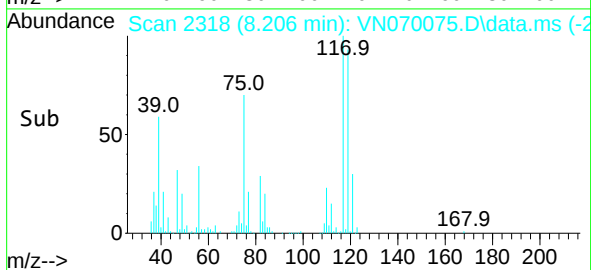
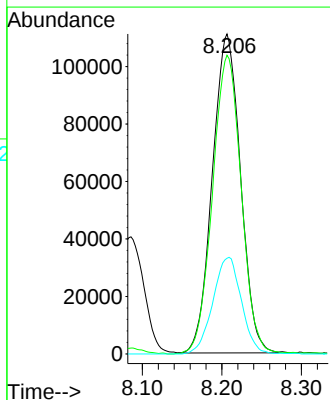
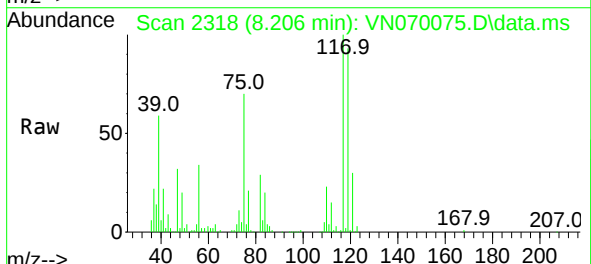
Manual Integrations
APPROVED

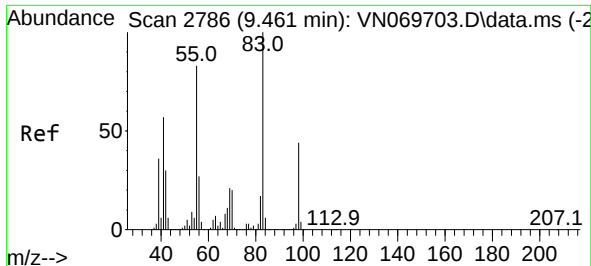
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021



#38
Carbon Tetrachloride
Concen: 18.699 ug/l
RT: 8.206 min Scan# 2318
Delta R.T. 0.000 min
Lab File: VN070075.D
Acq: 14 Dec 2021 16:52

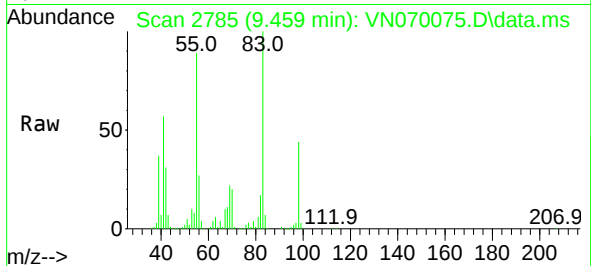
Tgt Ion:117 Resp: 272923
Ion Ratio Lower Upper
117 100
119 93.5 76.1 114.1
121 30.0 24.2 36.2





#39
Methylcyclohexane
Concen: 18.975 ug/l
RT: 9.459 min Scan# 21
Delta R.T. -0.003 min
Lab File: VN070075.D
Acq: 14 Dec 2021 16:52

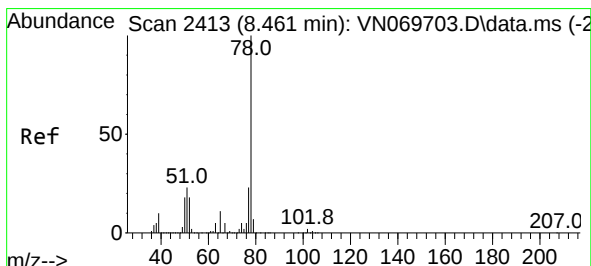
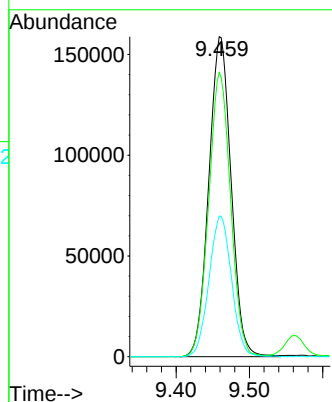
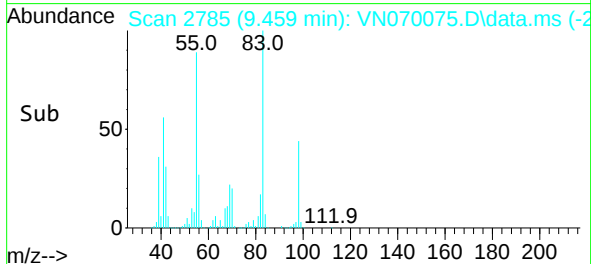
Instrument :
MSVOA_N
ClientSampleId :
VN1214WBSD01



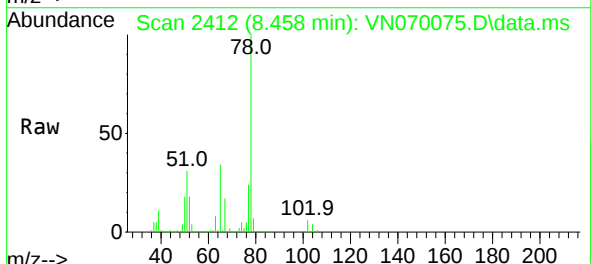
Tgt Ion: 83 Resp: 335939
Ion Ratio Lower Upper
83 100
55 88.8 58.1 87.1
98 43.9 38.4 57.6

Manual Integrations
APPROVED

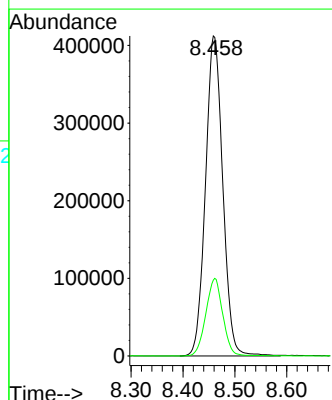
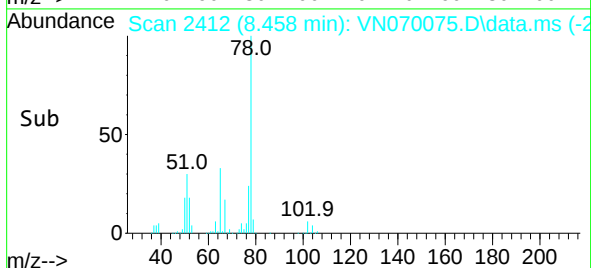
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021

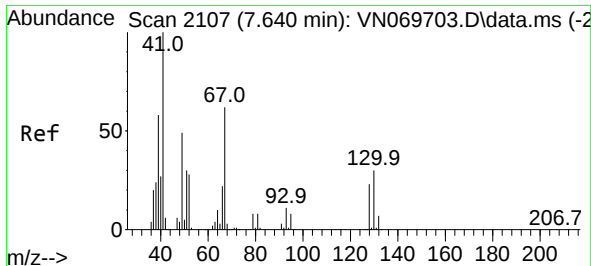


#40
Benzene
Concen: 20.979 ug/l
RT: 8.458 min Scan# 2412
Delta R.T. -0.003 min
Lab File: VN070075.D
Acq: 14 Dec 2021 16:52



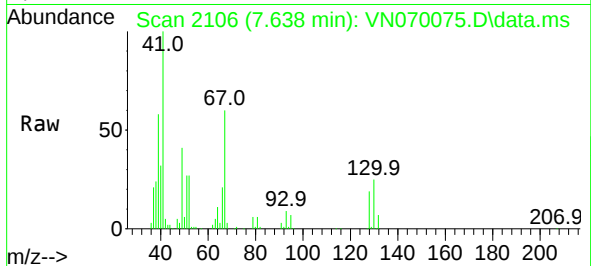
Tgt Ion: 78 Resp: 954453
Ion Ratio Lower Upper
78 100
77 23.7 18.6 27.8





#41
Methacrylonitrile
Concen: 21.752 ug/l
RT: 7.638 min Scan# 2106
Delta R.T. -0.002 min
Lab File: VN070075.D
Acq: 14 Dec 2021 16:52

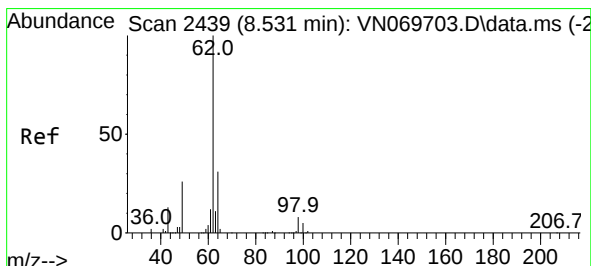
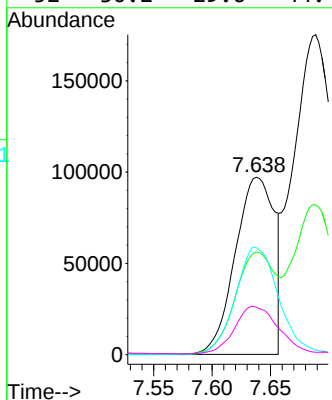
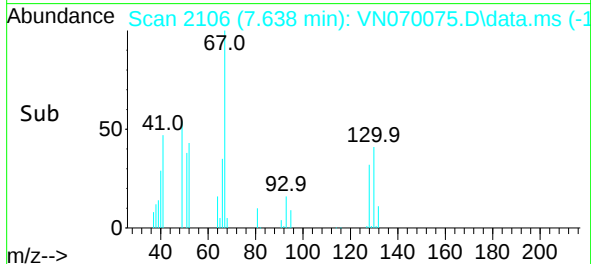
Instrument :
MSVOA_N
ClientSampleId :
VN1214WBSD01



Tgt Ion: 41 Resp: 226215
Ion Ratio Lower Upper
41 100
39 60.4 48.1 72.1
67 68.1 68.3 102.5
52 30.2 29.6 44.4

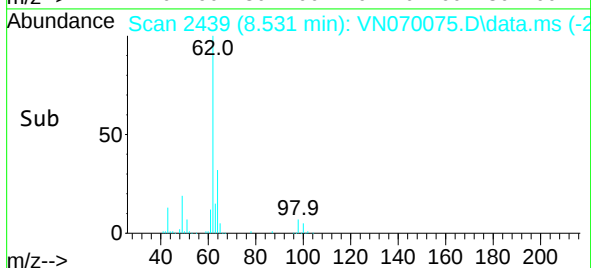
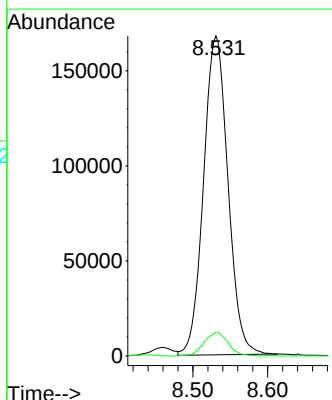
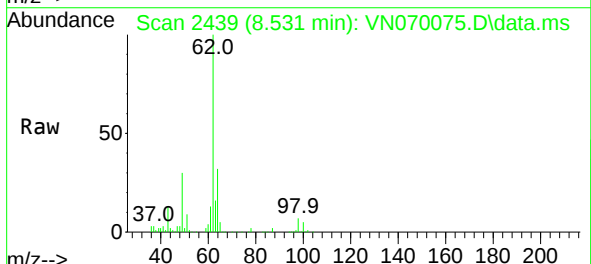
Manual Integrations
APPROVED

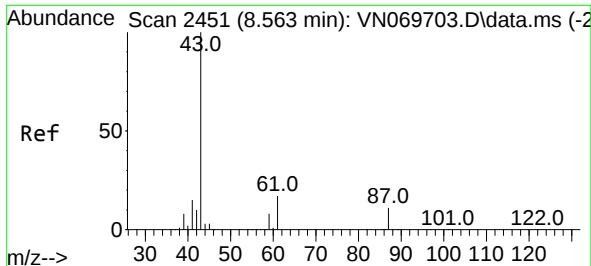
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021



#42
1,2-Dichloroethane
Concen: 20.728 ug/l
RT: 8.531 min Scan# 2439
Delta R.T. 0.000 min
Lab File: VN070075.D
Acq: 14 Dec 2021 16:52

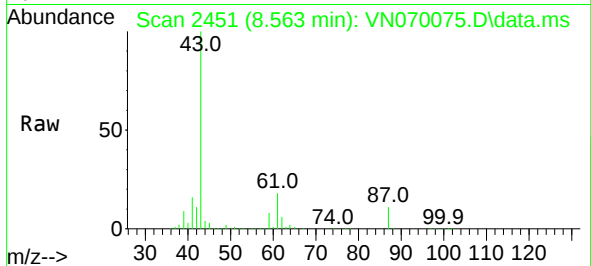
Tgt Ion: 62 Resp: 380683
Ion Ratio Lower Upper
62 100
98 7.3 0.0 17.6





#43
Isopropyl Acetate
Concen: 20.101 ug/l
RT: 8.563 min Scan# 2451
Delta R.T. 0.000 min
Lab File: VN070075.D
Acq: 14 Dec 2021 16:52

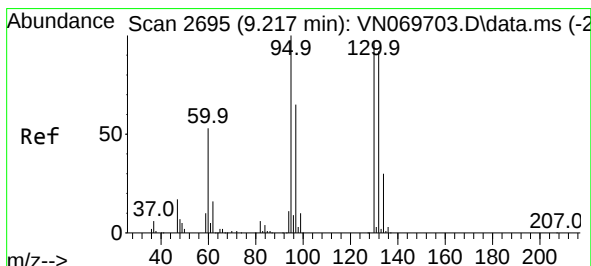
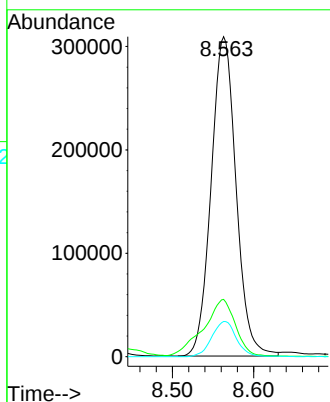
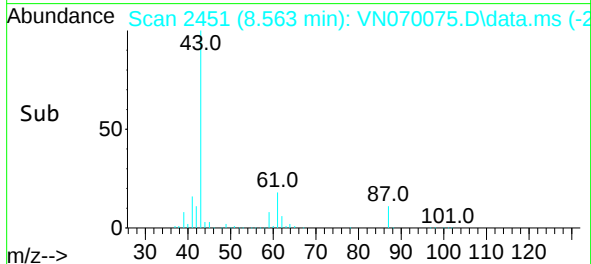
Instrument :
MSVOA_N
ClientSampleId :
VN1214WBSD01



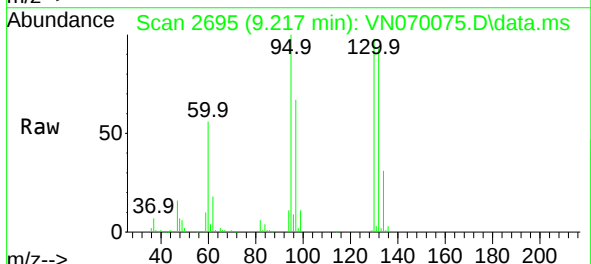
Tgt Ion: 43 Resp: 65896
Ion Ratio Lower Upper
43 100
61 22.9 20.4 30.6
87 11.0 11.2 16.8

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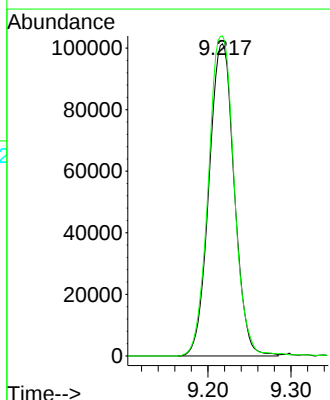
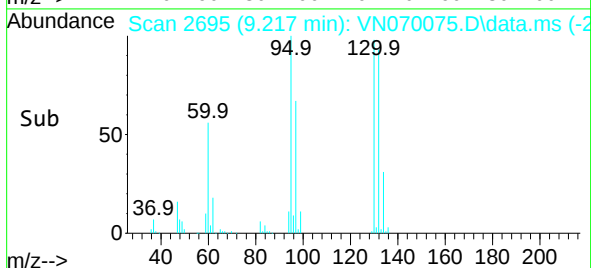
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021

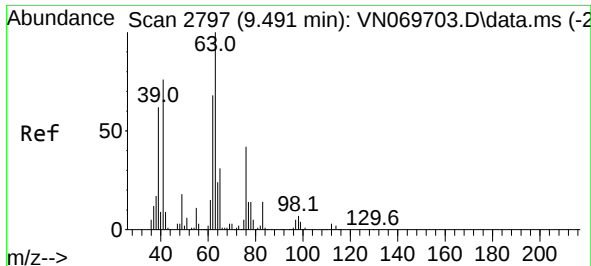


#44
Trichloroethene
Concen: 19.683 ug/l
RT: 9.217 min Scan# 2695
Delta R.T. 0.000 min
Lab File: VN070075.D
Acq: 14 Dec 2021 16:52



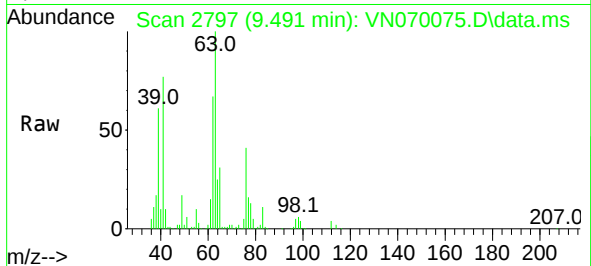
Tgt Ion:130 Resp: 213734
Ion Ratio Lower Upper
130 100
95 102.5 0.0 191.2





#45
1,2-Dichloropropane
Concen: 21.132 ug/l
RT: 9.491 min Scan# 2797
Delta R.T. 0.000 min
Lab File: VN070075.D
Acq: 14 Dec 2021 16:52

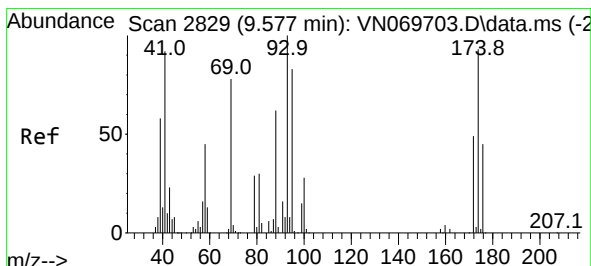
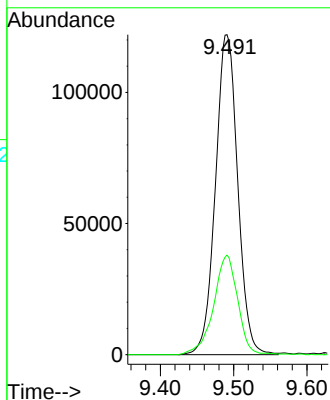
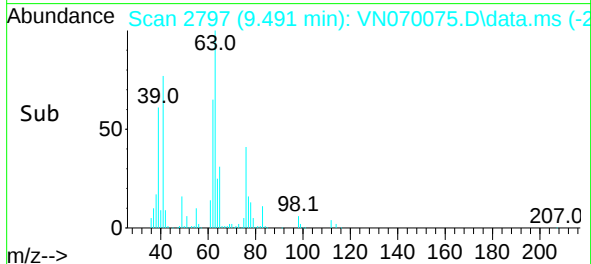
Instrument :
MSVOA_N
ClientSampleId :
VN1214WBSD01



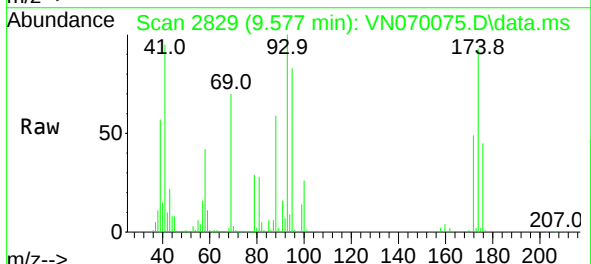
Tgt Ion: 63 Resp: 25817
Ion Ratio Lower Upper
63 100
65 31.1 24.7 37.1

Manual Integrations
APPROVED

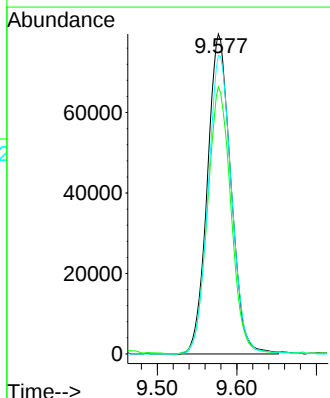
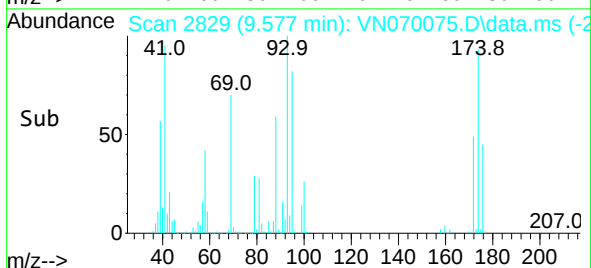
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021

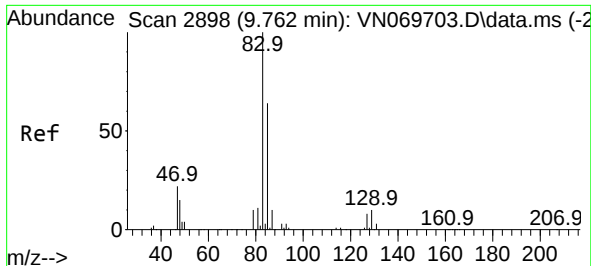


#46
Dibromomethane
Concen: 20.383 ug/l
RT: 9.577 min Scan# 2829
Delta R.T. 0.000 min
Lab File: VN070075.D
Acq: 14 Dec 2021 16:52



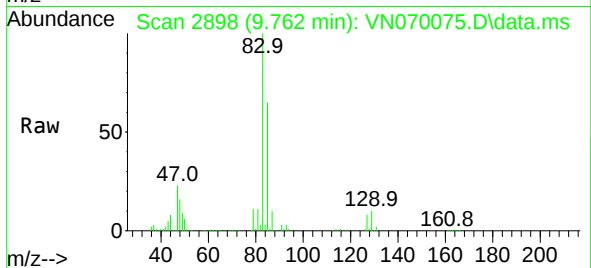
Tgt Ion: 93 Resp: 163316
Ion Ratio Lower Upper
93 100
95 83.7 65.9 98.9
174 93.8 84.6 127.0





#47
Bromodichloromethane
Concen: 20.484 ug/l
RT: 9.762 min Scan# 2898
Delta R.T. 0.000 min
Lab File: VN070075.D
Acq: 14 Dec 2021 16:52

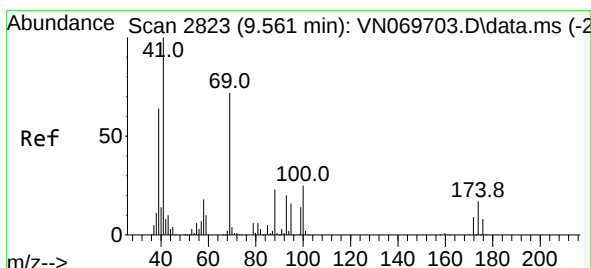
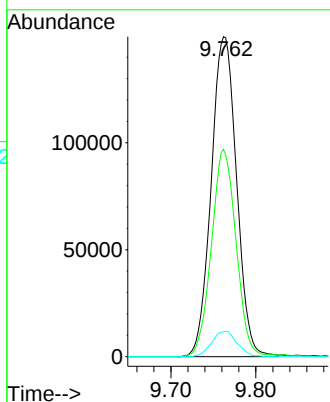
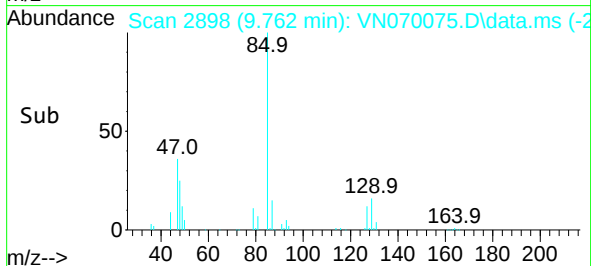
Instrument :
MSVOA_N
ClientSampleId :
VN1214WBSD01



Tgt Ion: 83 Resp: 31074
Ion Ratio Lower Upper
83 100
85 64.8 50.9 76.3
127 7.8 7.1 10.7

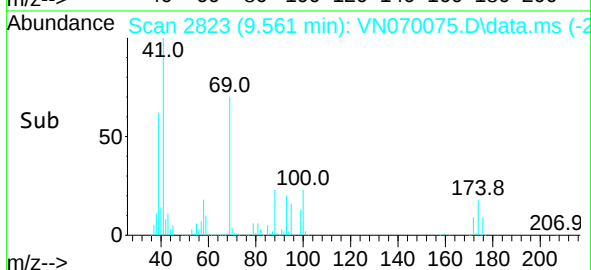
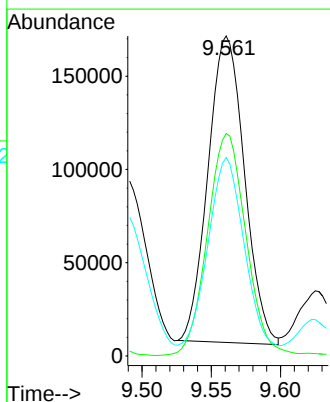
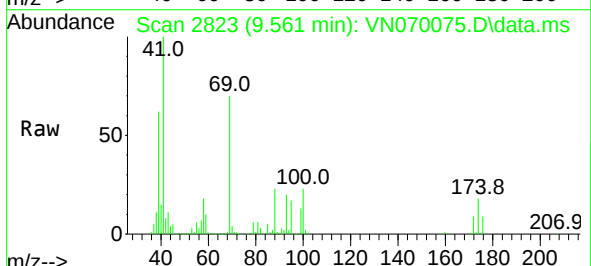
Manual Integrations
APPROVED

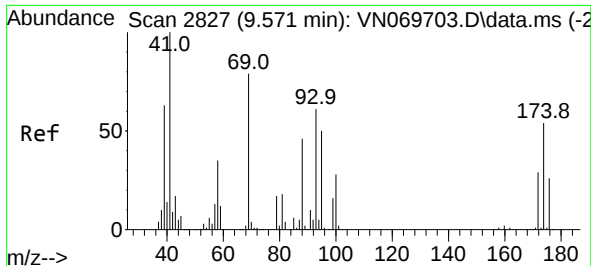
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021



#48
Methyl methacrylate
Concen: 19.663 ug/l
RT: 9.561 min Scan# 2823
Delta R.T. -0.000 min
Lab File: VN070075.D
Acq: 14 Dec 2021 16:52

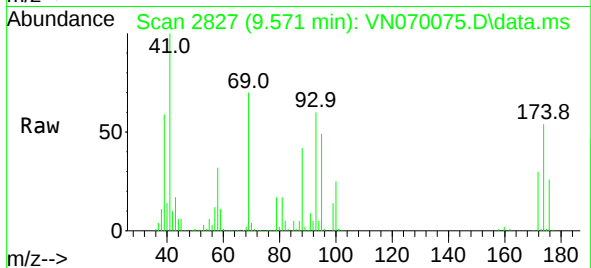
Tgt Ion: 41 Resp: 300831
Ion Ratio Lower Upper
41 100
69 76.4 72.4 108.6
39 65.6 58.4 87.6





#49
1,4-Dioxane
Concen: 402.060 ug/l
RT: 9.571 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN070075.D
Acq: 14 Dec 2021 16:52

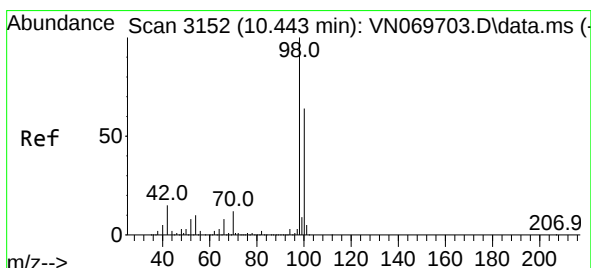
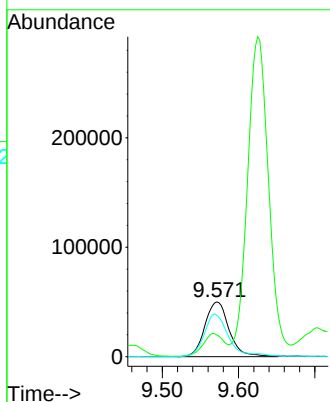
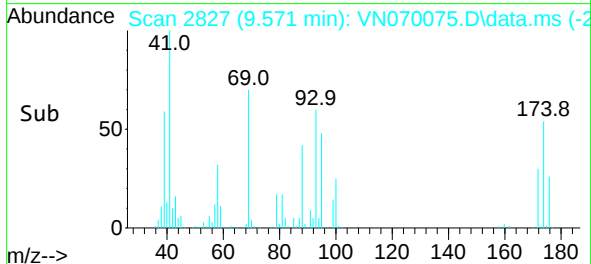
Instrument :
MSVOA_N
ClientSampleId :
VN1214WBSD01



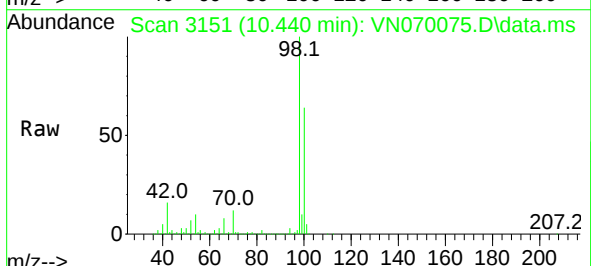
Tgt Ion: 88 Resp: 110372
Ion Ratio Lower Upper
88 100
43 36.2 23.4 35.2
58 75.5 50.6 75.8

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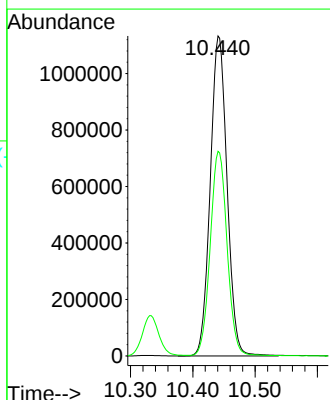
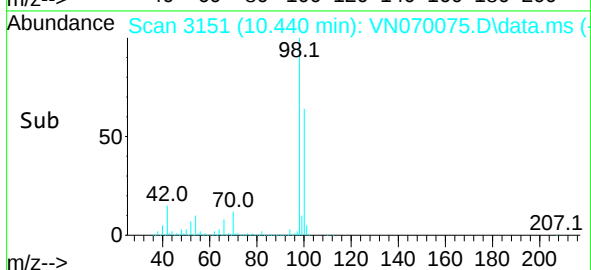
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021

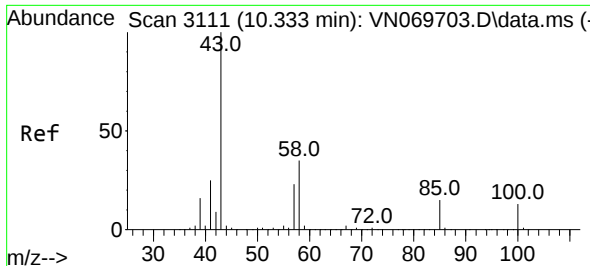


#50
Toluene-d8
Concen: 54.077 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. -0.003 min
Lab File: VN070075.D
Acq: 14 Dec 2021 16:52



Tgt Ion: 98 Resp: 2126557
Ion Ratio Lower Upper
98 100
100 63.9 50.4 75.6





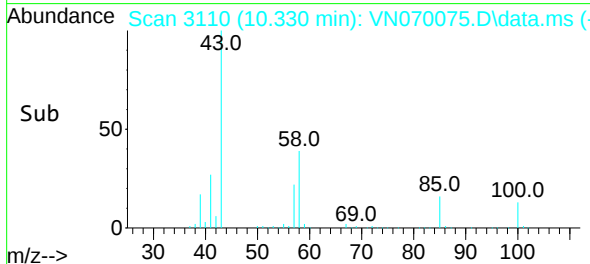
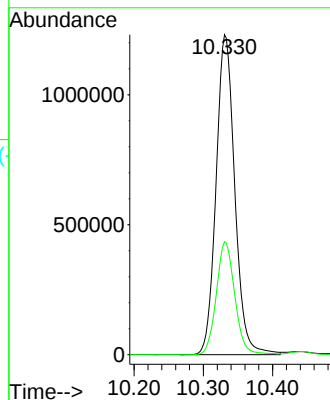
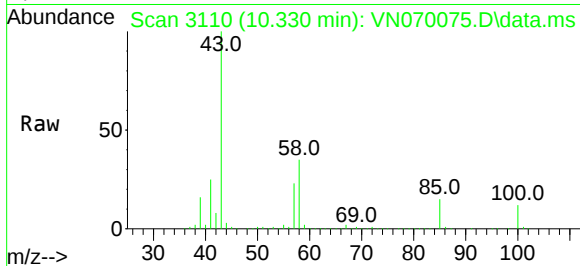
#51
4-Methyl-2-Pentanone
Concen: 108.492 ug/l
RT: 10.330 min Scan# 3111
Delta R.T. -0.003 min
Lab File: VN070075.D
Acq: 14 Dec 2021 16:52

Instrument :
MSVOA_N
ClientSampleId :
VN1214WBSD01

Tgt Ion: 43 Resp: 230735
Ion Ratio Lower Upper
43 100
58 34.9 30.4 45.6

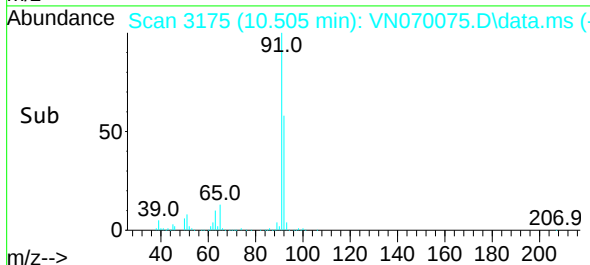
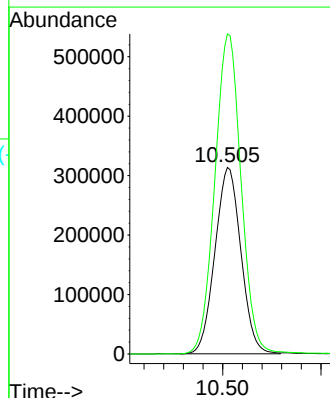
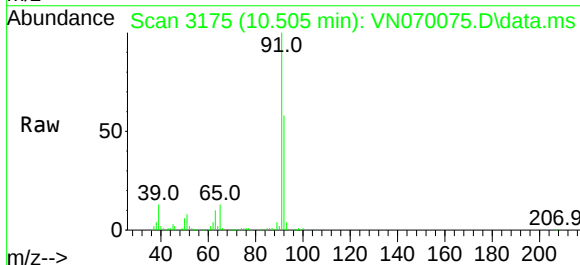
Manual Integrations
APPROVED

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



#52
Toluene
Concen: 20.687 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.003 min
Lab File: VN070075.D
Acq: 14 Dec 2021 16:52

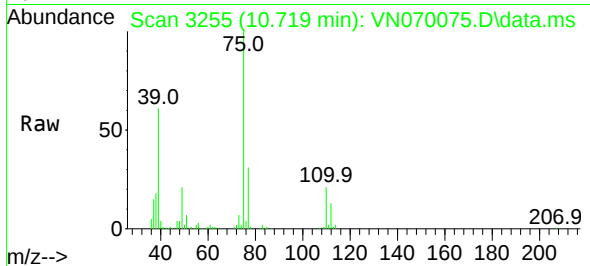
Tgt Ion: 92 Resp: 574596
Ion Ratio Lower Upper
92 100
91 174.7 142.0 213.0





#53
t-1,3-Dichloropropene
Concen: 18.068 ug/l
RT: 10.719 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN070075.D
Acq: 14 Dec 2021 16:52

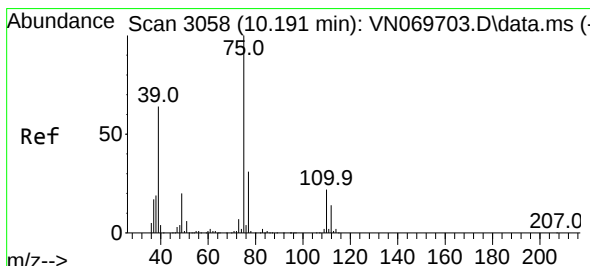
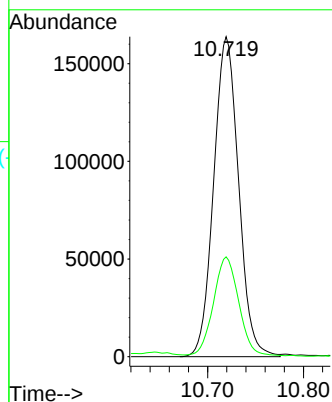
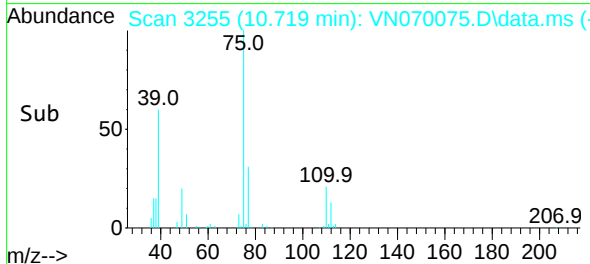
Instrument :
MSVOA_N
ClientSampleId :
VN1214WBSD01



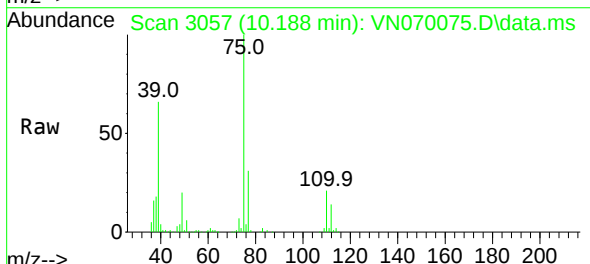
Tgt Ion: 75 Resp: 295234
Ion Ratio Lower Upper
75 100
77 30.8 25.6 38.4

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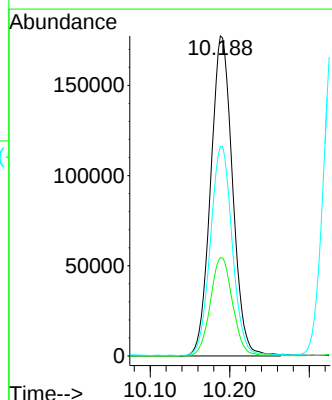
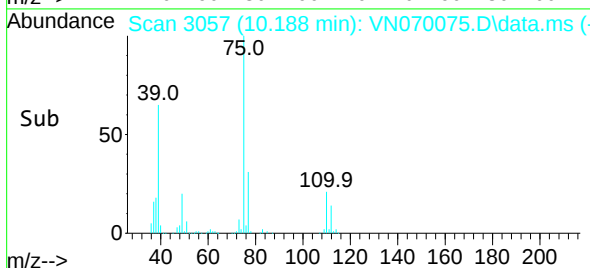
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021

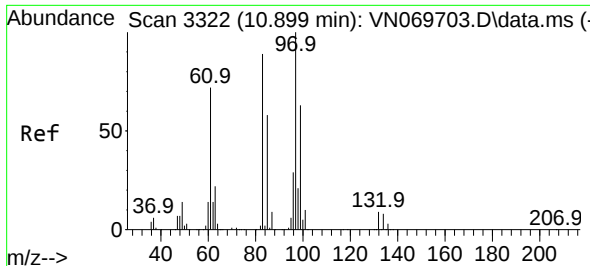


#54
cis-1,3-Dichloropropene
Concen: 19.037 ug/l
RT: 10.188 min Scan# 3057
Delta R.T. -0.003 min
Lab File: VN070075.D
Acq: 14 Dec 2021 16:52



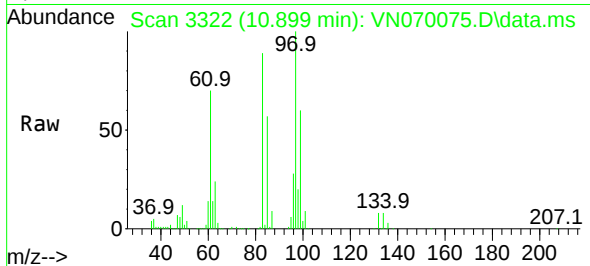
Tgt Ion: 75 Resp: 339901
Ion Ratio Lower Upper
75 100
77 30.7 26.4 39.6
39 65.3 42.5 63.7#





#55
1,1,2-Trichloroethane
Concen: 20.921 ug/l
RT: 10.899 min Scan# 3322
Delta R.T. 0.000 min
Lab File: VN070075.D
Acq: 14 Dec 2021 16:52

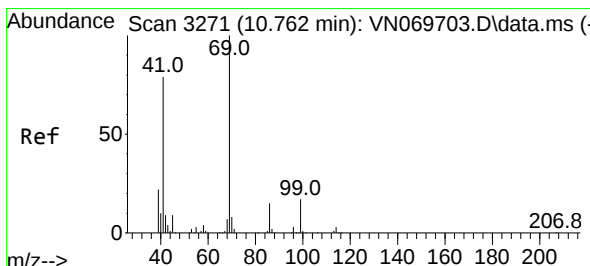
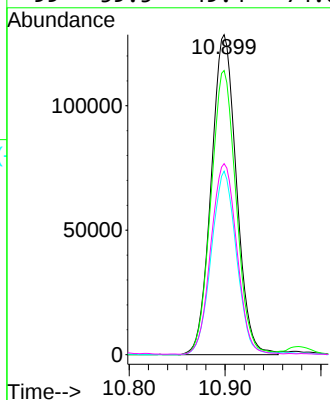
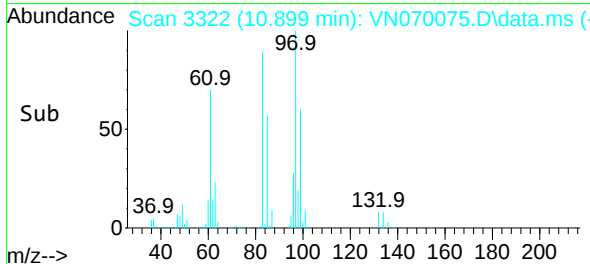
Instrument :
MSVOA_N
ClientSampleId :
VN1214WBSD01



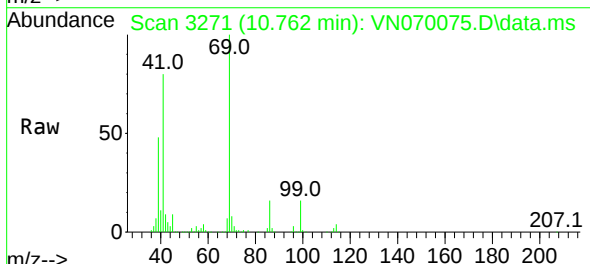
Tgt Ion: 97 Resp: 234466
Ion Ratio Lower Upper
97 100
83 88.8 67.8 101.6
85 57.4 45.4 68.2
99 59.5 49.4 74.0

Manual Integrations
APPROVED

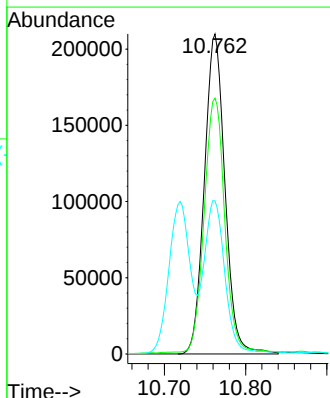
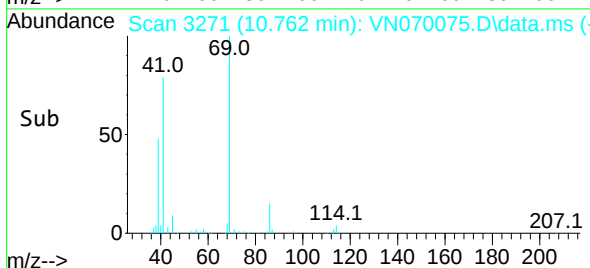
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021



#56
Ethyl methacrylate
Concen: 18.964 ug/l
RT: 10.762 min Scan# 3271
Delta R.T. 0.000 min
Lab File: VN070075.D
Acq: 14 Dec 2021 16:52



Tgt Ion: 69 Resp: 369666
Ion Ratio Lower Upper
69 100
41 79.0 51.4 77.0#
39 46.4 34.6 52.0





#57

1,3-Dichloropropane

Concen: 21.200 ug/l

RT: 11.044 min Scan# 31

Delta R.T. -0.003 min

Lab File: VN070075.D

Acq: 14 Dec 2021 16:52

Instrument :

MSVOA_N

ClientSampleId :

VN1214WBSD01

Tgt Ion: 76 Resp: 418330

Ion Ratio Lower Upper

76 100

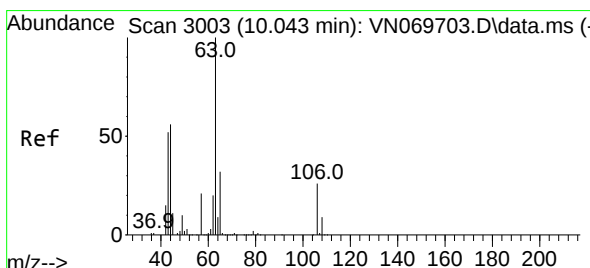
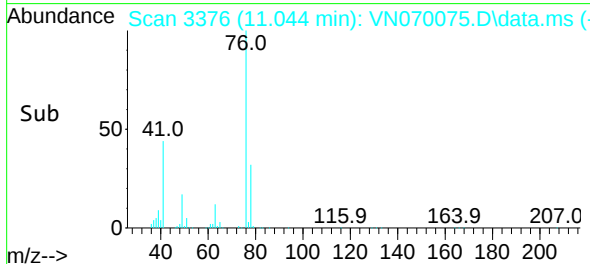
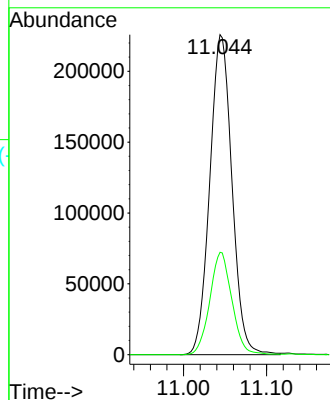
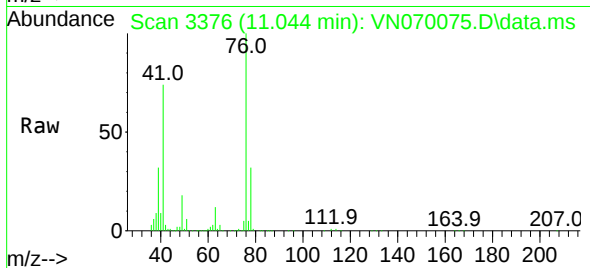
78 31.9 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2021

Supervised By :Mahesh Dadoda 12/21/2021



#58

2-Chloroethyl Vinyl ether

Concen: 82.034 ug/l

RT: 10.041 min Scan# 3002

Delta R.T. -0.002 min

Lab File: VN070075.D

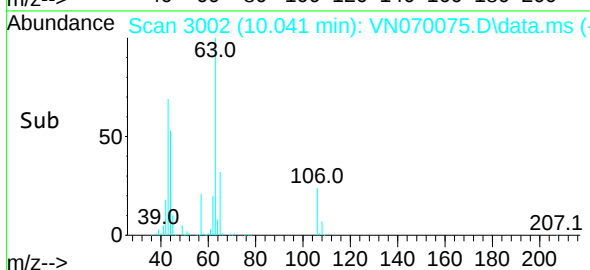
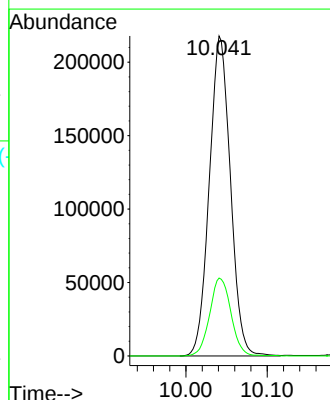
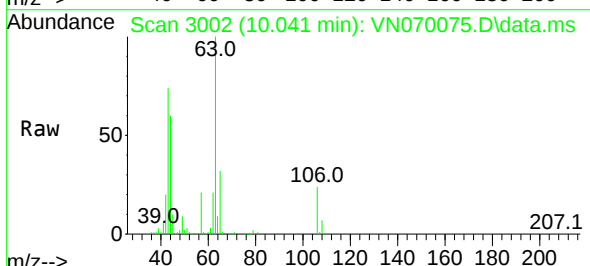
Acq: 14 Dec 2021 16:52

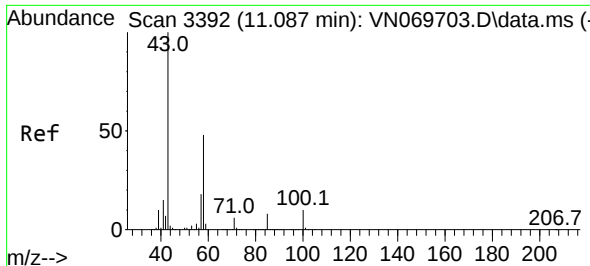
Tgt Ion: 63 Resp: 392290

Ion Ratio Lower Upper

63 100

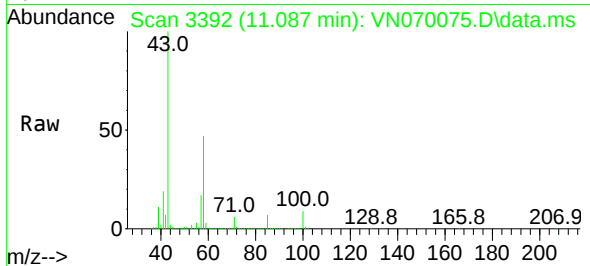
106 24.6 23.9 35.9





#59
2-Hexanone
Concen: 102.489 ug/l
RT: 11.087 min Scan# 3392
Delta R.T. -0.000 min
Lab File: VN070075.D
Acq: 14 Dec 2021 16:52

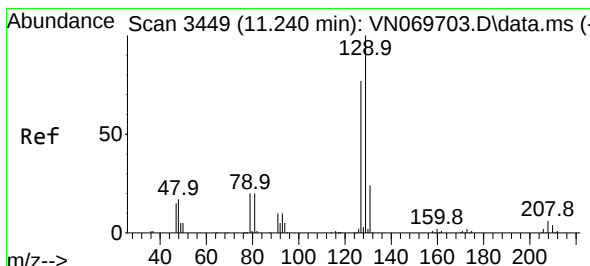
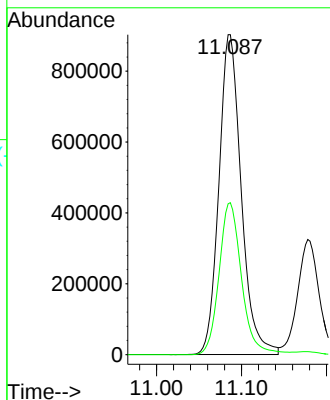
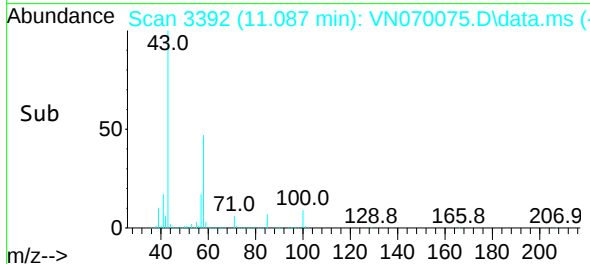
Instrument :
MSVOA_N
ClientSampleId :
VN1214WBSD01



Tgt Ion: 43 Resp: 164887
Ion Ratio Lower Upper
43 100
58 48.0 26.9 80.7

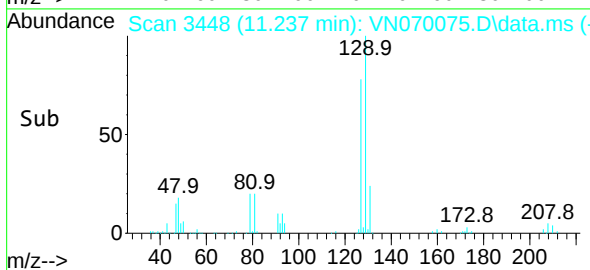
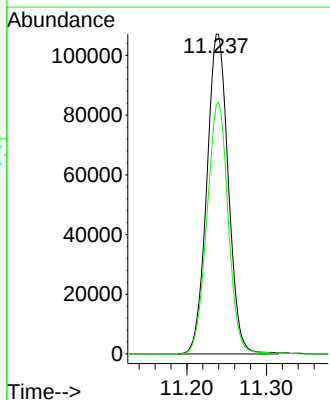
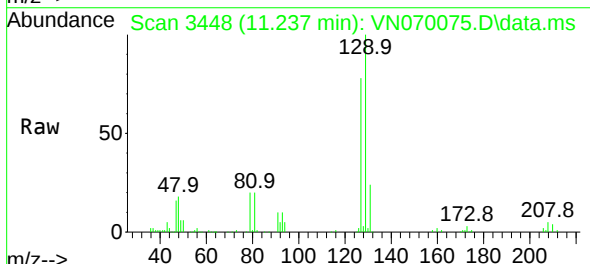
Manual Integrations
APPROVED

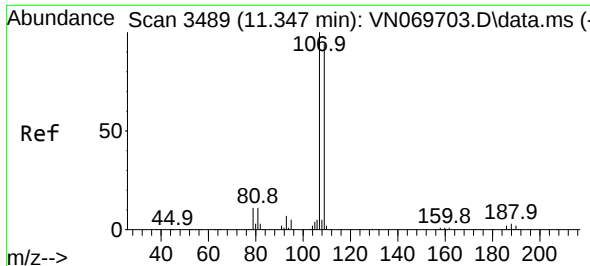
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021



#60
Dibromochloromethane
Concen: 18.296 ug/l
RT: 11.237 min Scan# 3448
Delta R.T. -0.003 min
Lab File: VN070075.D
Acq: 14 Dec 2021 16:52

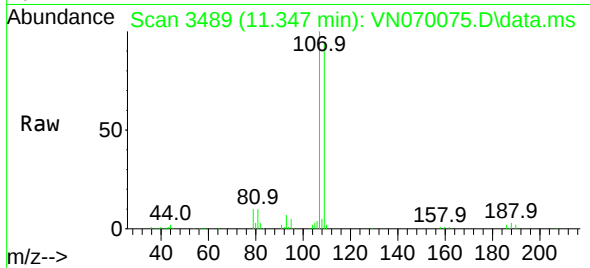
Tgt Ion:129 Resp: 200700
Ion Ratio Lower Upper
129 100
127 78.0 38.6 116.0





#61
1,2-Dibromoethane
Concen: 19.382 ug/l
RT: 11.347 min Scan# 3489
Delta R.T. -0.000 min
Lab File: VN070075.D
Acq: 14 Dec 2021 16:52

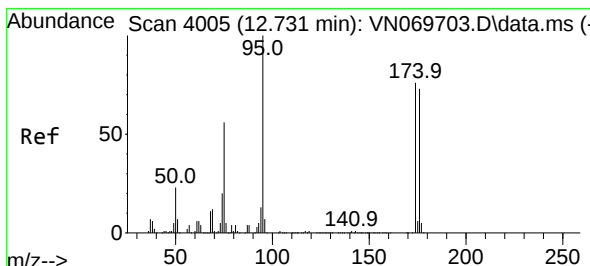
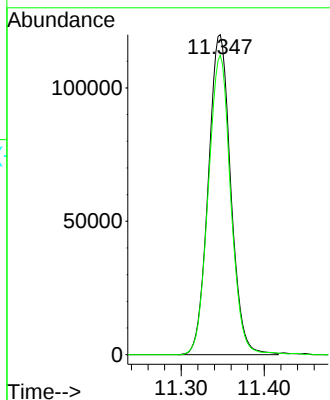
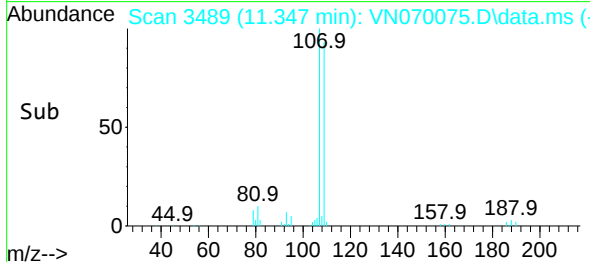
Instrument :
MSVOA_N
ClientSampleId :
VN1214WBSD01



Tgt Ion:107 Resp: 224979
Ion Ratio Lower Upper
107 100
109 93.5 75.7 113.5

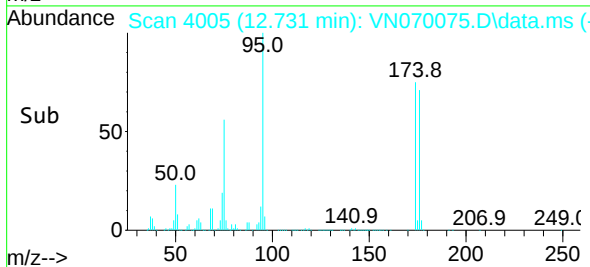
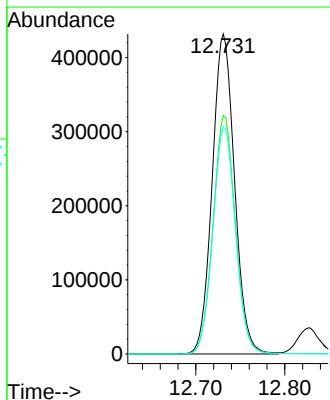
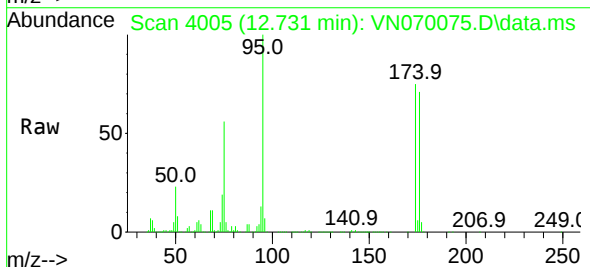
Manual Integrations
APPROVED

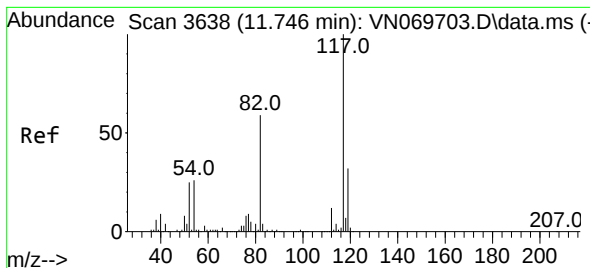
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021



#62
4-Bromofluorobenzene
Concen: 52.844 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070075.D
Acq: 14 Dec 2021 16:52

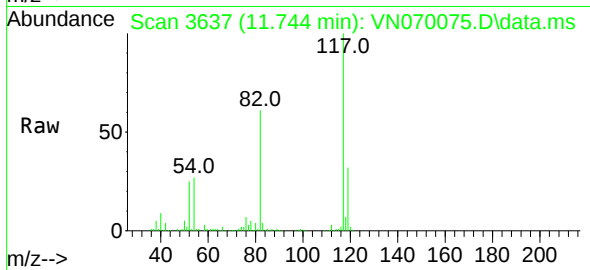
Tgt Ion: 95 Resp: 752837
Ion Ratio Lower Upper
95 100
174 74.6 0.0 187.2
176 72.2 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3638
Delta R.T. -0.002 min
Lab File: VN070075.D
Acq: 14 Dec 2021 16:52

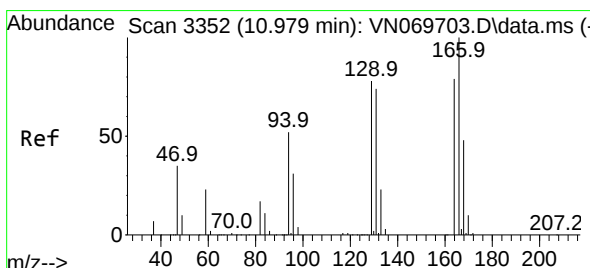
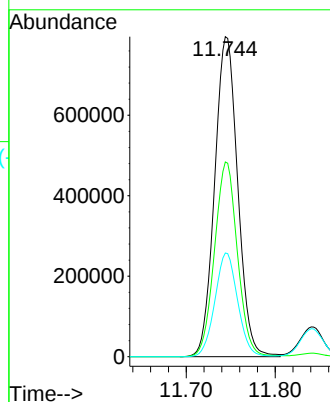
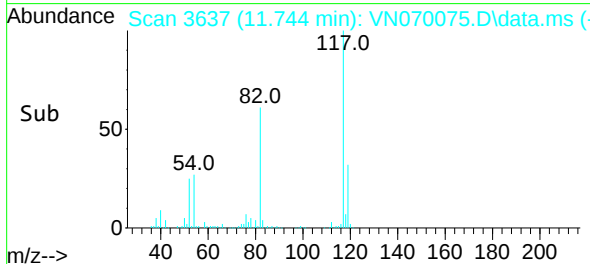
Instrument :
MSVOA_N
ClientSampleId :
VN1214WBSD01



Tgt Ion:117 Resp: 143350
Ion Ratio Lower Upper
117 100
82 60.9 42.4 63.6
119 32.4 25.4 38.2

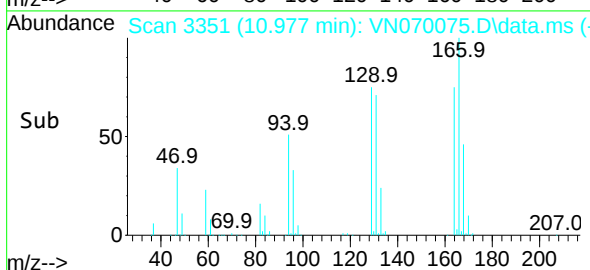
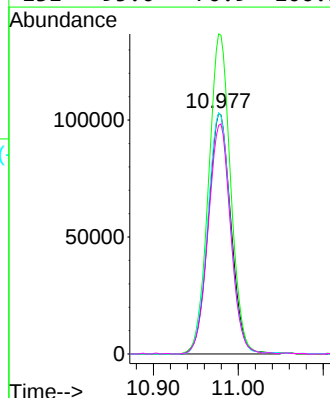
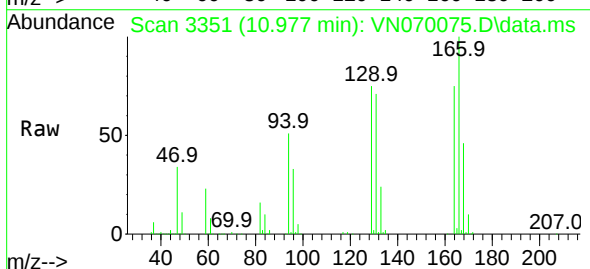
Manual Integrations
APPROVED

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



#64
Tetrachloroethene
Concen: 19.683 ug/l
RT: 10.977 min Scan# 3351
Delta R.T. -0.002 min
Lab File: VN070075.D
Acq: 14 Dec 2021 16:52

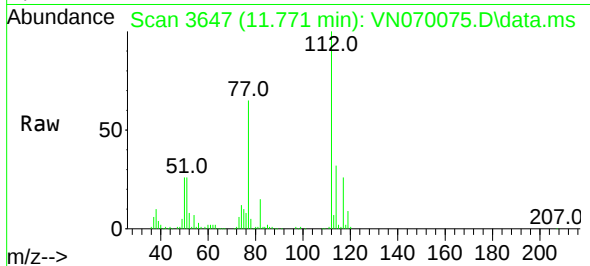
Tgt Ion:164 Resp: 191321
Ion Ratio Lower Upper
164 100
166 132.9 101.9 152.9
129 100.1 72.0 108.0
131 95.0 70.9 106.3





#65
Chlorobenzene
Concen: 20.232 ug/l
RT: 11.771 min Scan# 3647
Delta R.T. -0.000 min
Lab File: VN070075.D
Acq: 14 Dec 2021 16:52

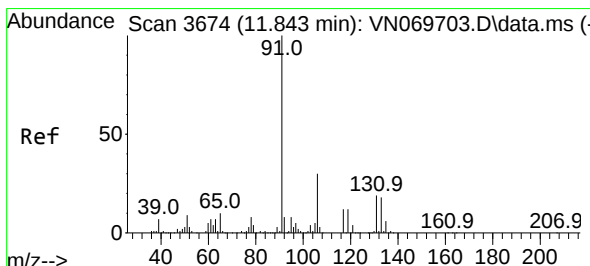
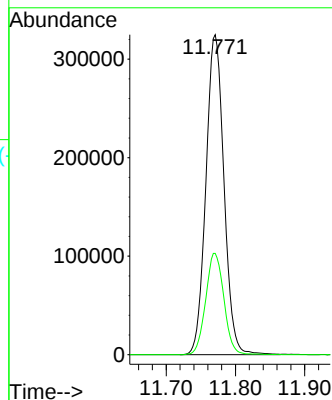
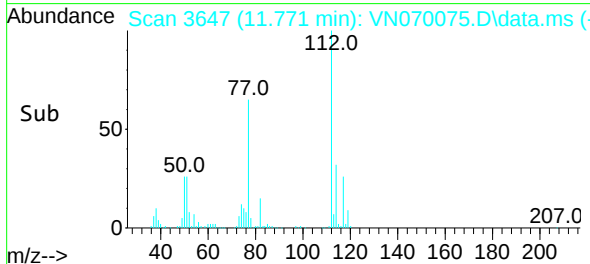
Instrument :
MSVOA_N
ClientSampleId :
VN1214WBSD01



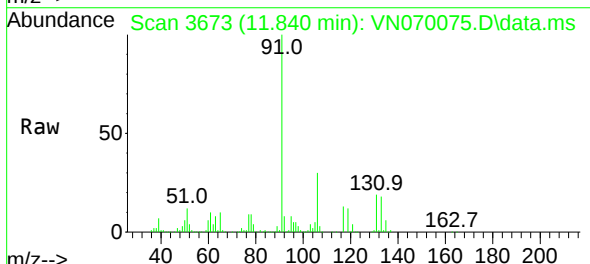
Tgt Ion:112 Resp: 588384
Ion Ratio Lower Upper
112 100
114 31.7 25.4 38.0

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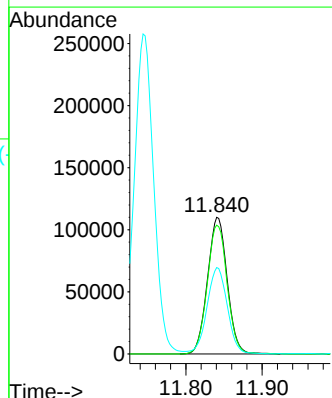
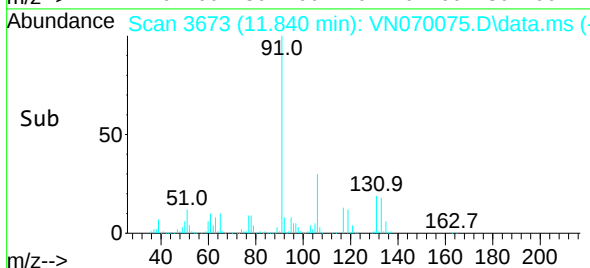
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021



#66
1,1,1,2-Tetrachloroethane
Concen: 19.309 ug/l
RT: 11.840 min Scan# 3673
Delta R.T. -0.003 min
Lab File: VN070075.D
Acq: 14 Dec 2021 16:52



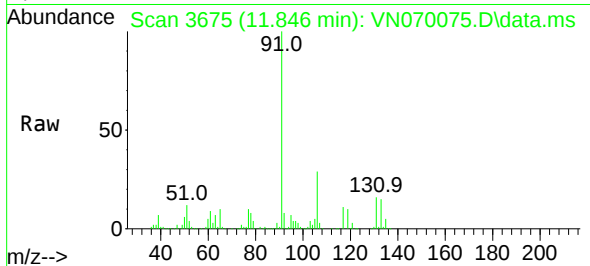
Tgt Ion:131 Resp: 197646
Ion Ratio Lower Upper
131 100
133 95.1 47.9 143.7
119 64.8 32.1 96.5





#67
Ethyl Benzene
Concen: 20.690 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. 0.000 min
Lab File: VN070075.D
Acq: 14 Dec 2021 16:52

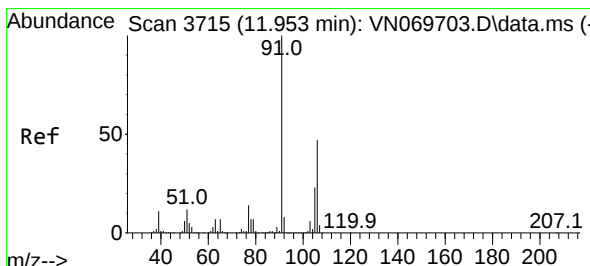
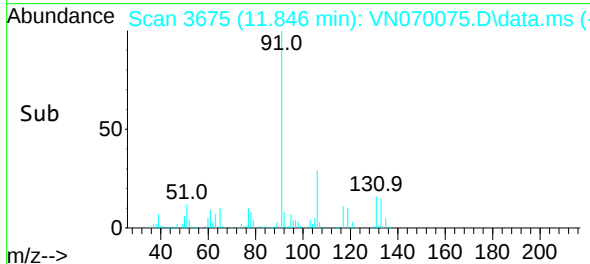
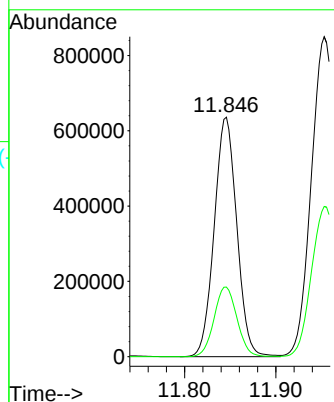
Instrument :
MSVOA_N
ClientSampleId :
VN1214WBSD01



Tgt Ion: 91 Resp: 1092989
Ion Ratio Lower Upper
91 100
106 29.1 25.7 38.5

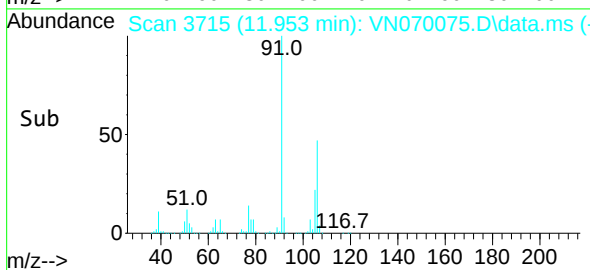
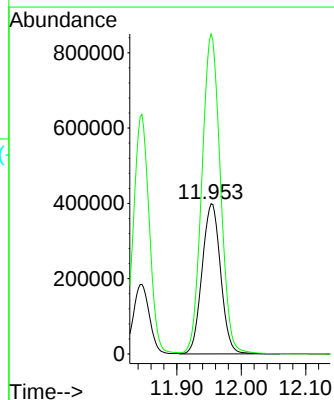
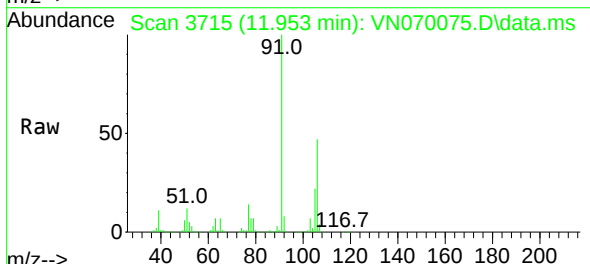
Manual Integrations
APPROVED

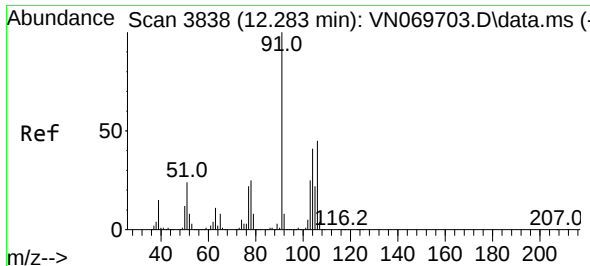
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021



#68
m/p-Xylenes
Concen: 41.489 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. 0.000 min
Lab File: VN070075.D
Acq: 14 Dec 2021 16:52

Tgt Ion:106 Resp: 798008
Ion Ratio Lower Upper
106 100
91 212.5 160.6 240.8





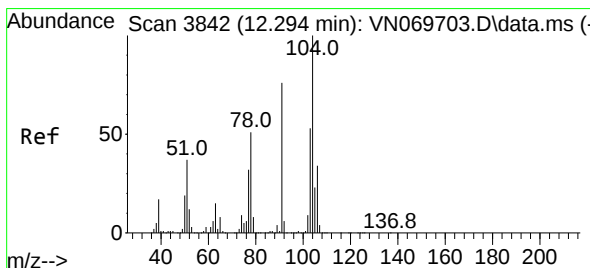
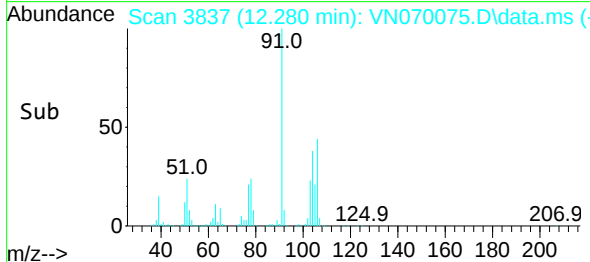
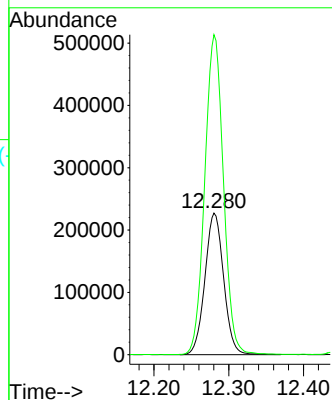
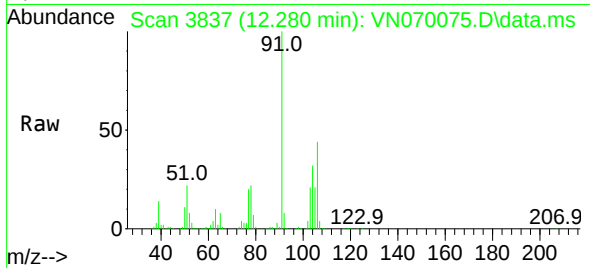
#69
o-Xylene
Concen: 20.408 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. -0.003 min
Lab File: VN070075.D
Acq: 14 Dec 2021 16:52

Instrument :
MSVOA_N
ClientSampleId :
VN1214WBSD01

Tgt Ion:106 Resp: 395397
Ion Ratio Lower Upper
106 100
91 225.8 105.8 317.3

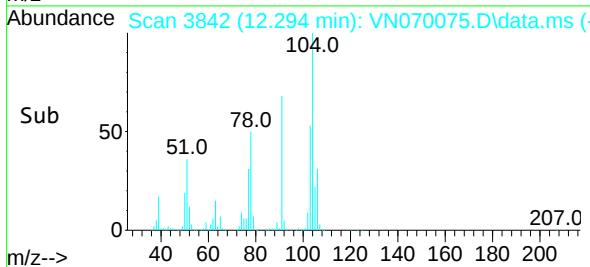
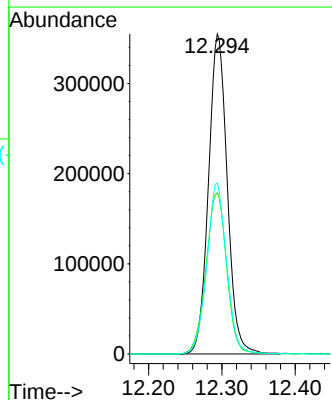
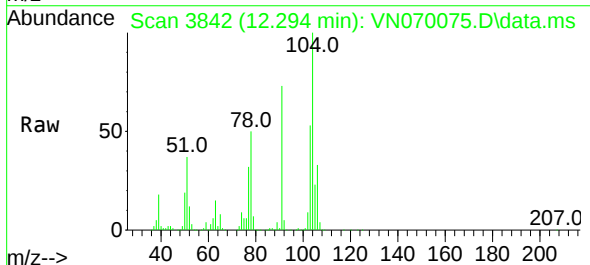
Manual Integrations
APPROVED

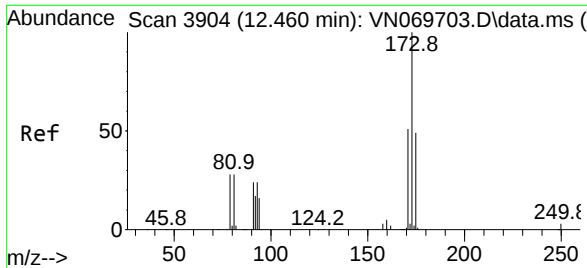
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021



#70
Styrene
Concen: 20.531 ug/l
RT: 12.294 min Scan# 3842
Delta R.T. -0.000 min
Lab File: VN070075.D
Acq: 14 Dec 2021 16:52

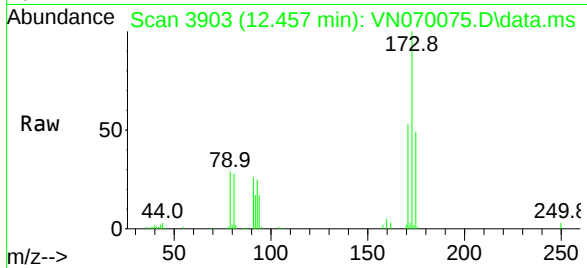
Tgt Ion:104 Resp: 630736
Ion Ratio Lower Upper
104 100
78 55.4 38.7 58.1
103 56.1 45.0 67.6





#71
Bromoform
Concen: 17.376 ug/l
RT: 12.457 min Scan# 3904
Delta R.T. -0.003 min
Lab File: VN070075.D
Acq: 14 Dec 2021 16:52

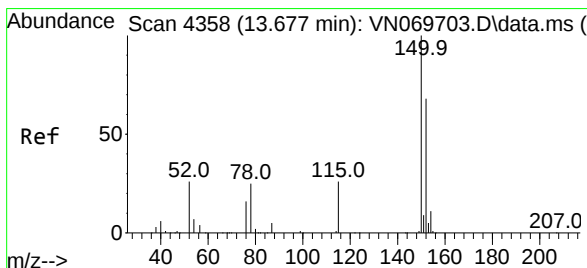
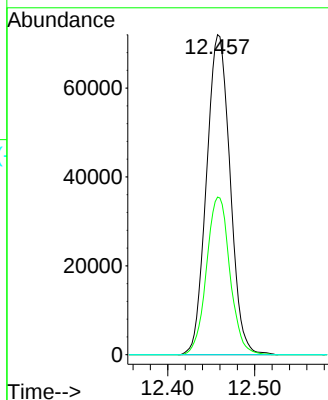
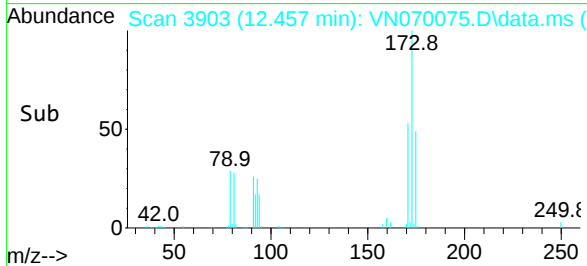
Instrument :
MSVOA_N
ClientSampleId :
VN1214WBSD01



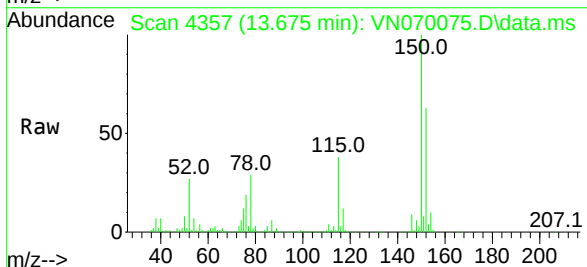
Tgt Ion:173 Resp: 135619
Ion Ratio Lower Upper
173 100
175 48.9 24.2 72.6
254 0.0 0.0 0.0

Manual Integrations
APPROVED

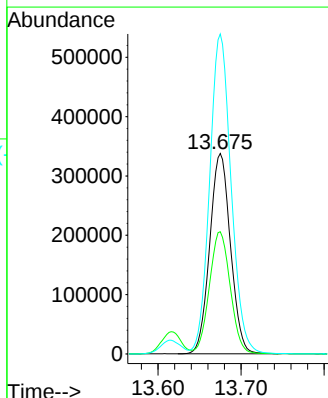
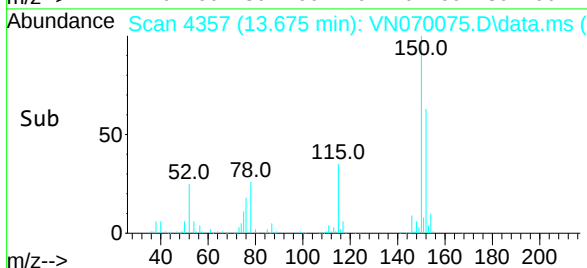
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021

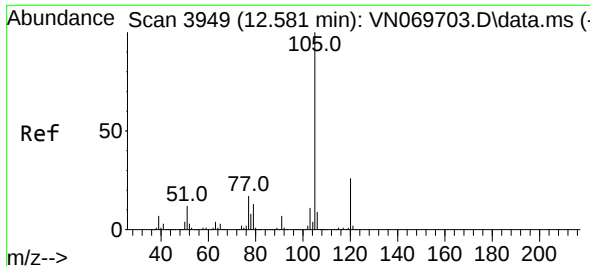


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.003 min
Lab File: VN070075.D
Acq: 14 Dec 2021 16:52



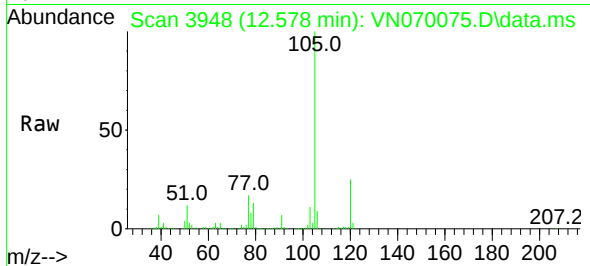
Tgt Ion:152 Resp: 586754
Ion Ratio Lower Upper
152 100
115 61.2 27.5 82.5
150 164.9 0.0 344.4





#73
Isopropylbenzene
Concen: 19.829 ug/l
RT: 12.578 min Scan# 3948
Delta R.T. -0.003 min
Lab File: VN070075.D
Acq: 14 Dec 2021 16:52

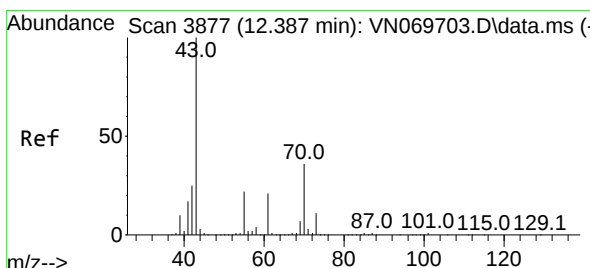
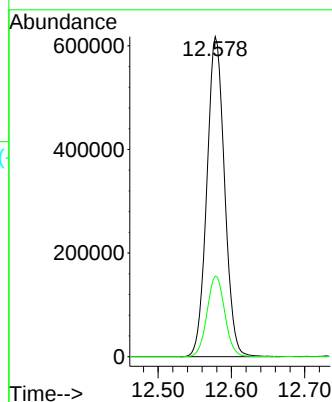
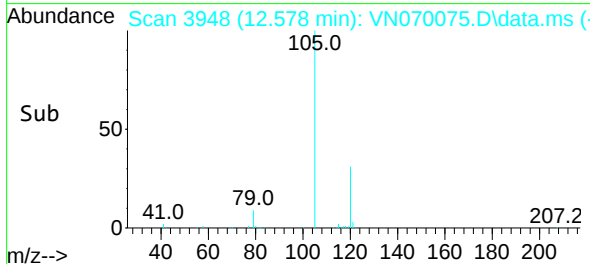
Instrument :
MSVOA_N
ClientSampleId :
VN1214WBSD01



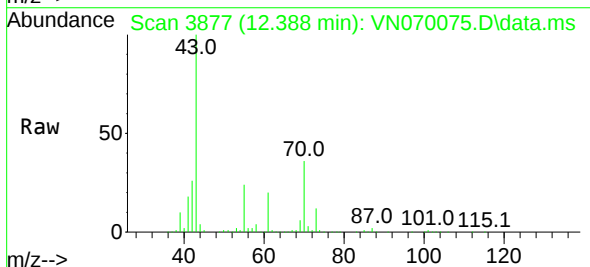
Tgt Ion:105 Resp: 1035168
Ion Ratio Lower Upper
105 100
120 25.3 13.4 40.1

Manual Integrations
APPROVED

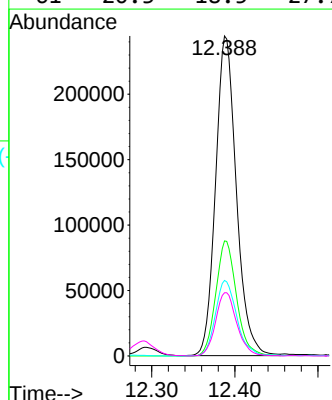
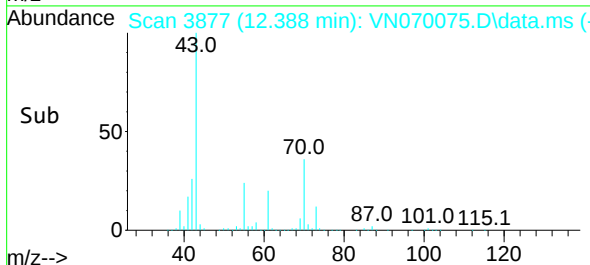
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021

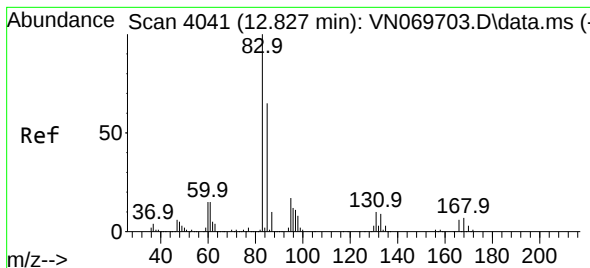


#74
N-ethyl acetate
Concen: 18.399 ug/l
RT: 12.388 min Scan# 3877
Delta R.T. 0.000 min
Lab File: VN070075.D
Acq: 14 Dec 2021 16:52



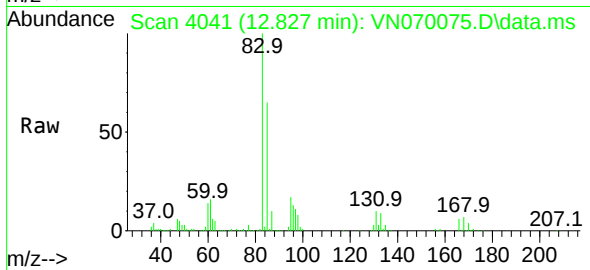
Tgt Ion: 43 Resp: 424770
Ion Ratio Lower Upper
43 100
70 35.9 33.4 50.0
55 24.5 19.3 28.9
61 20.3 18.5 27.7





#75
1,1,2,2-Tetrachloroethane
Concen: 20.381 ug/l
RT: 12.827 min Scan# 4041
Delta R.T. 0.000 min
Lab File: VN070075.D
Acq: 14 Dec 2021 16:52

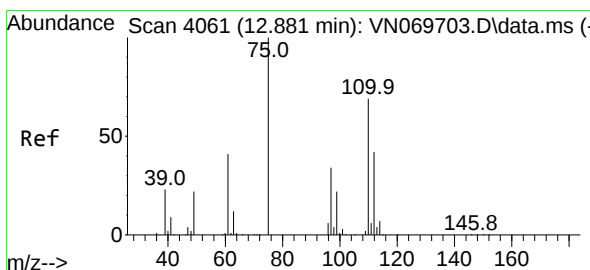
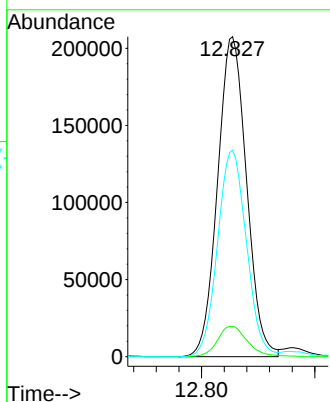
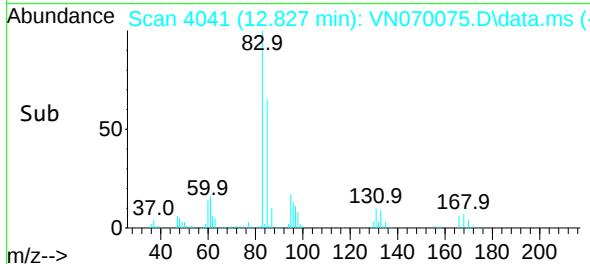
Instrument :
MSVOA_N
ClientSampleId :
VN1214WBSD01



Tgt Ion: 83 Resp: 367930
Ion Ratio Lower Upper
83 100
131 9.9 5.5 16.5
85 64.3 32.4 97.2

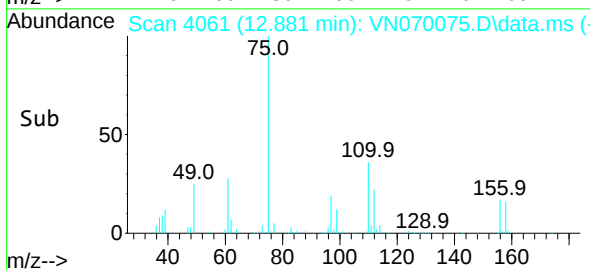
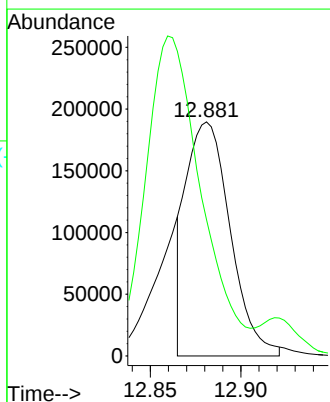
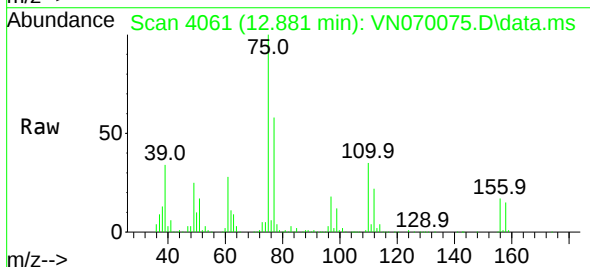
Manual Integrations
APPROVED

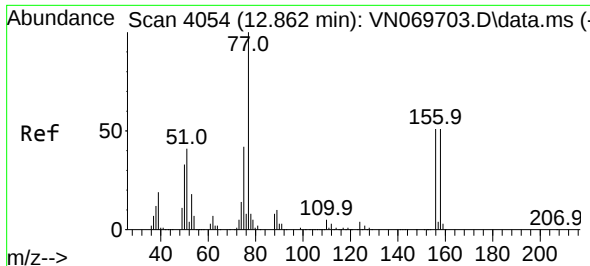
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021



#76
1,2,3-Trichloropropane
Concen: 19.095 ug/l m
RT: 12.881 min Scan# 4061
Delta R.T. 0.000 min
Lab File: VN070075.D
Acq: 14 Dec 2021 16:52

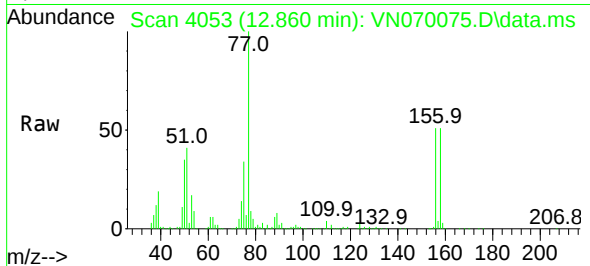
Tgt Ion: 75 Resp: 321312
Ion Ratio Lower Upper
75 100
77 0.0 82.6 247.8#





#77
Bromobenzene
Concen: 19.323 ug/l
RT: 12.860 min Scan# 4054
Delta R.T. -0.003 min
Lab File: VN070075.D
Acq: 14 Dec 2021 16:52

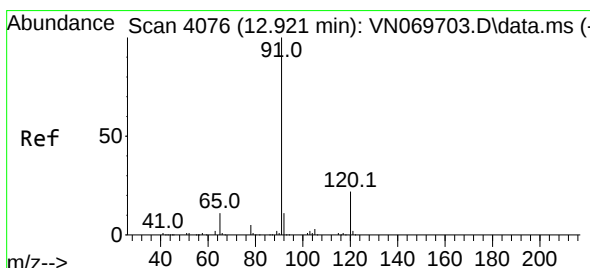
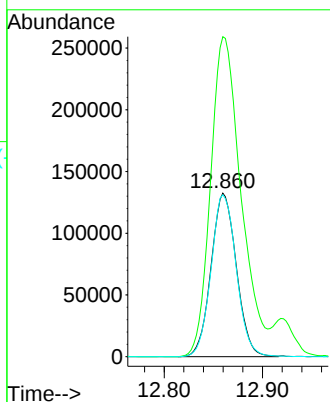
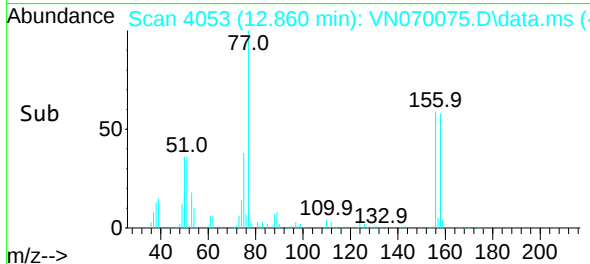
Instrument :
MSVOA_N
ClientSampleId :
VN1214WBSD01



Tgt Ion:156 Resp: 236940
Ion Ratio Lower Upper
156 100
77 234.4 90.6 271.8
158 98.9 48.9 146.7

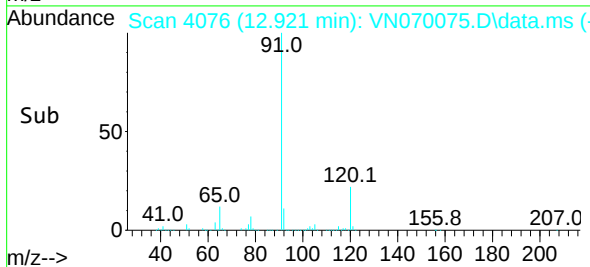
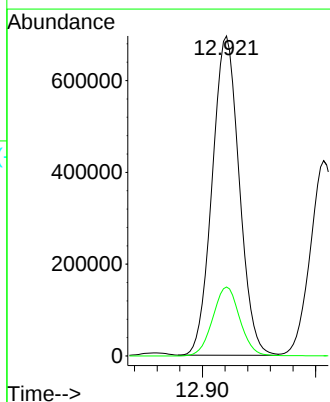
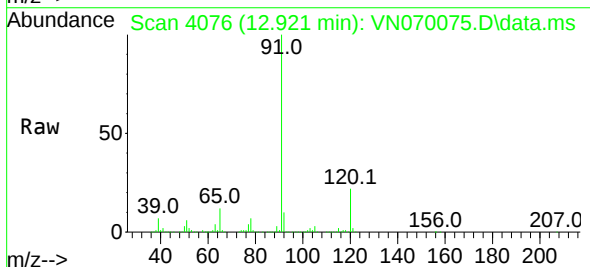
Manual Integrations
APPROVED

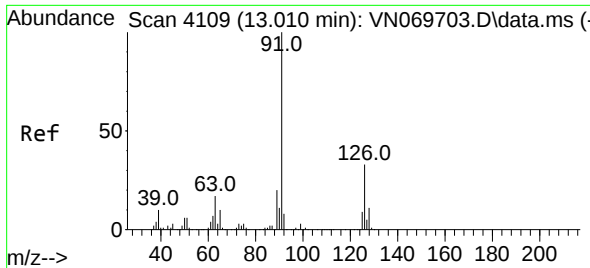
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021



#78
n-propylbenzene
Concen: 19.832 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.000 min
Lab File: VN070075.D
Acq: 14 Dec 2021 16:52

Tgt Ion: 91 Resp: 1152091
Ion Ratio Lower Upper
91 100
120 21.7 11.9 35.9





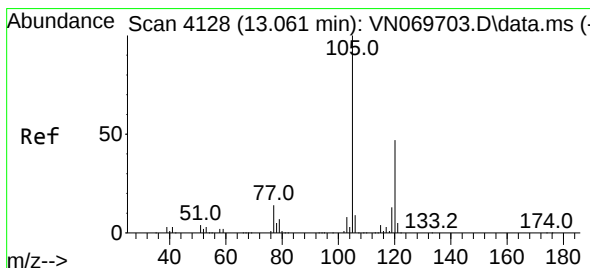
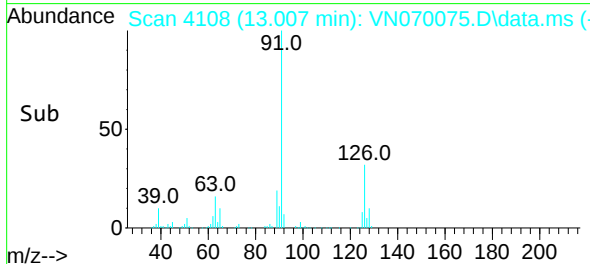
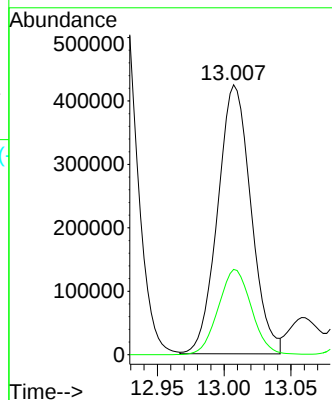
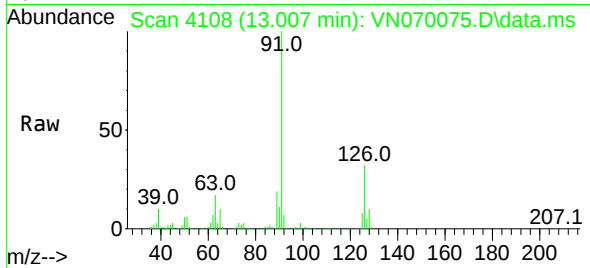
#79
2-Chlorotoluene
Concen: 20.083 ug/l
RT: 13.007 min Scan# 4109
Delta R.T. -0.003 min
Lab File: VN070075.D
Acq: 14 Dec 2021 16:52

Instrument :
MSVOA_N
ClientSampleId :
VN1214WBSD01

Tgt Ion: 91 Resp: 737168
Ion Ratio Lower Upper
91 100
126 31.6 18.3 54.8

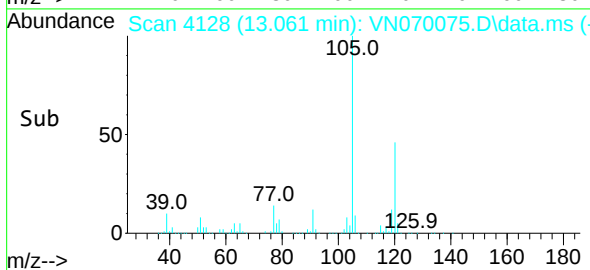
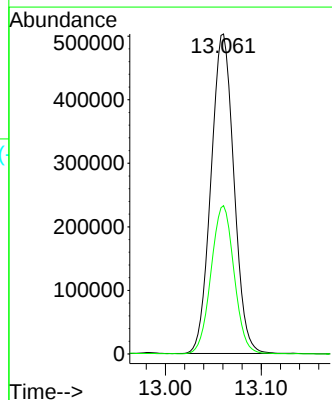
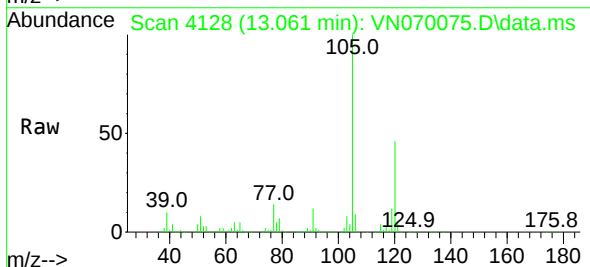
Manual Integrations
APPROVED

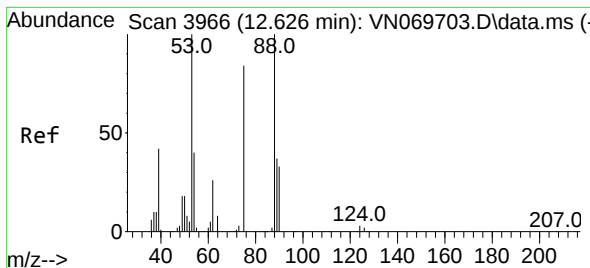
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021



#80
1,3,5-Trimethylbenzene
Concen: 19.837 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. 0.000 min
Lab File: VN070075.D
Acq: 14 Dec 2021 16:52

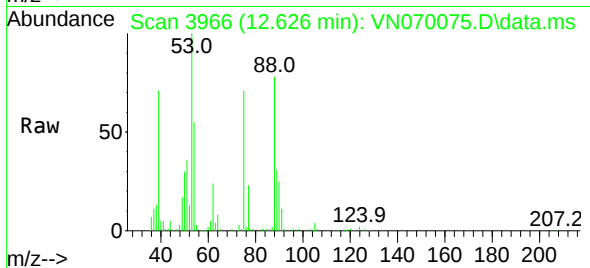
Tgt Ion:105 Resp: 833542
Ion Ratio Lower Upper
105 100
120 46.6 24.6 73.6





#81
trans-1,4-Dichloro-2-butene
Concen: 17.103 ug/l
RT: 12.626 min Scan# 3966
Delta R.T. 0.000 min
Lab File: VN070075.D
Acq: 14 Dec 2021 16:52

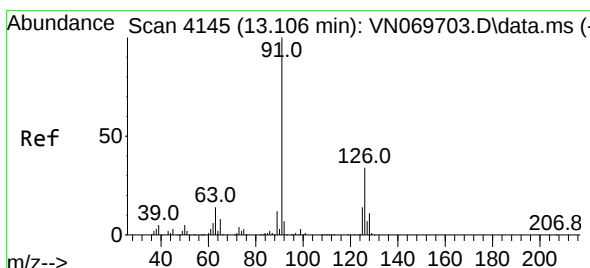
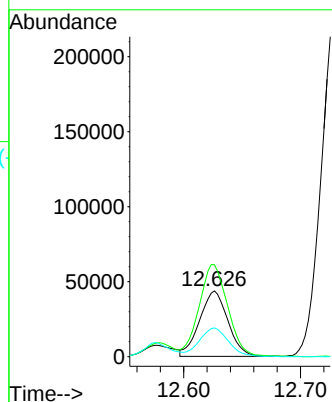
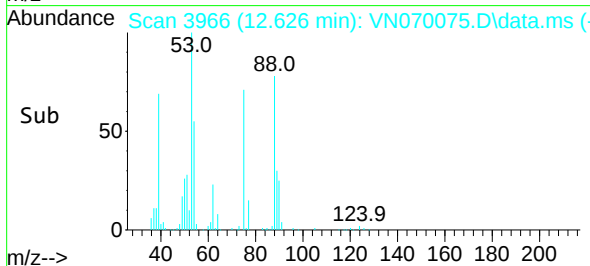
Instrument :
MSVOA_N
ClientSampleId :
VN1214WBSD01



Tgt Ion: 75 Resp: 72979
Ion Ratio Lower Upper
75 100
53 143.7 90.5 135.7
89 44.5 38.2 57.4

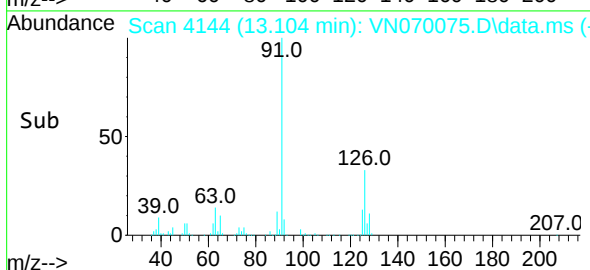
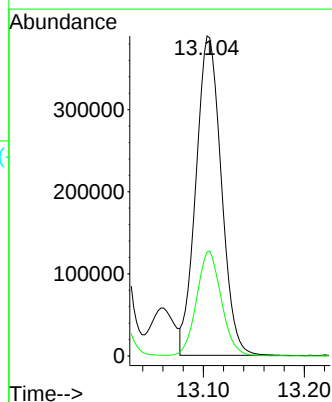
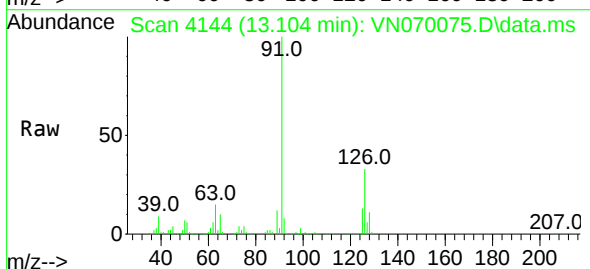
Manual Integrations
APPROVED

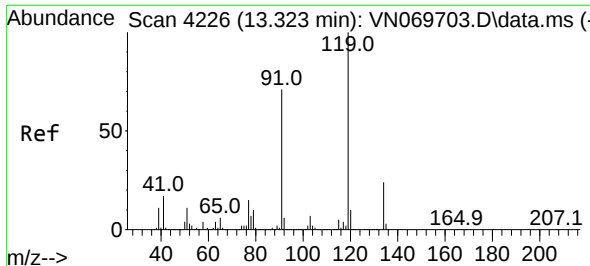
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021



#82
4-Chlorotoluene
Concen: 19.647 ug/l
RT: 13.104 min Scan# 4144
Delta R.T. -0.003 min
Lab File: VN070075.D
Acq: 14 Dec 2021 16:52

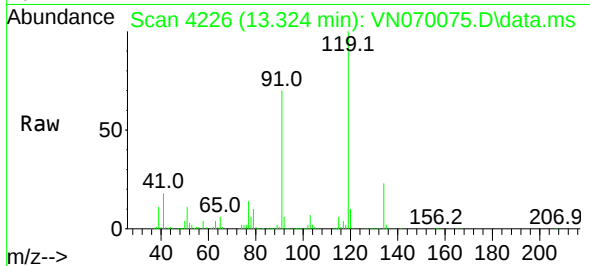
Tgt Ion: 91 Resp: 678219
Ion Ratio Lower Upper
91 100
126 32.0 18.2 54.6





#83
tert-Butylbenzene
Concen: 19.825 ug/l
RT: 13.324 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN070075.D
Acq: 14 Dec 2021 16:52

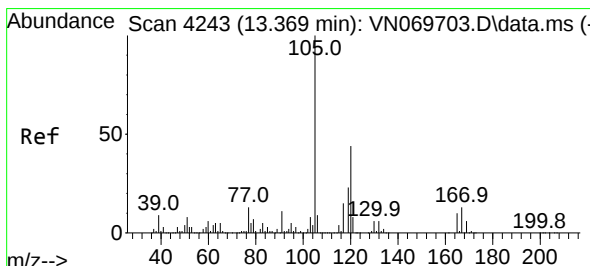
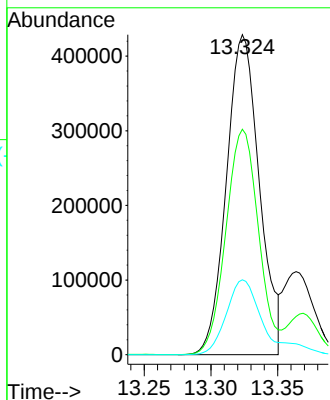
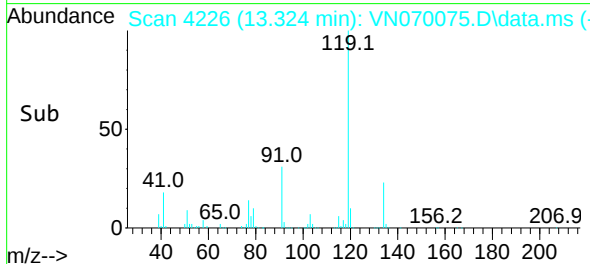
Instrument :
MSVOA_N
ClientSampleId :
VN1214WBSD01



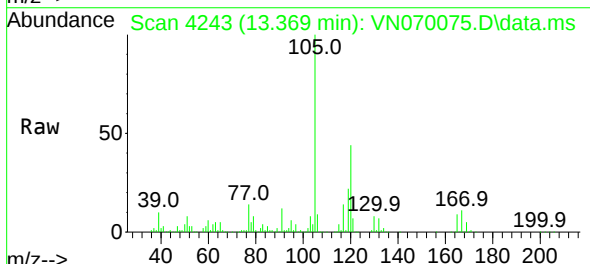
Tgt Ion:119 Resp: 737600
Ion Ratio Lower Upper
119 100
91 70.1 31.5 94.5
134 26.4 12.4 37.4

Manual Integrations
APPROVED

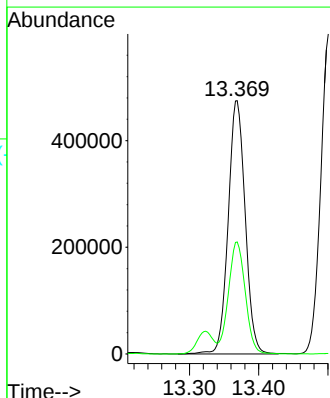
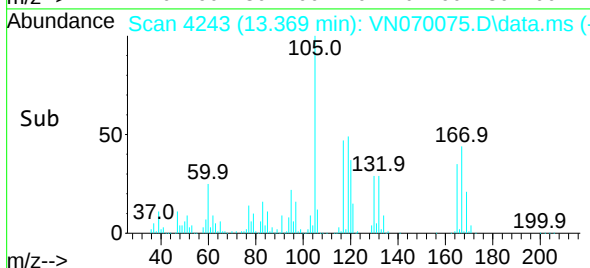
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021

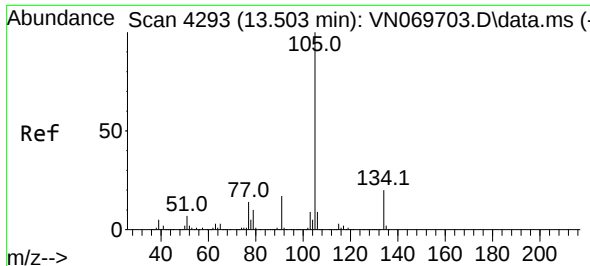


#84
1,2,4-Trimethylbenzene
Concen: 20.218 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. 0.000 min
Lab File: VN070075.D
Acq: 14 Dec 2021 16:52



Tgt Ion:105 Resp: 809045
Ion Ratio Lower Upper
105 100
120 43.9 22.8 68.4





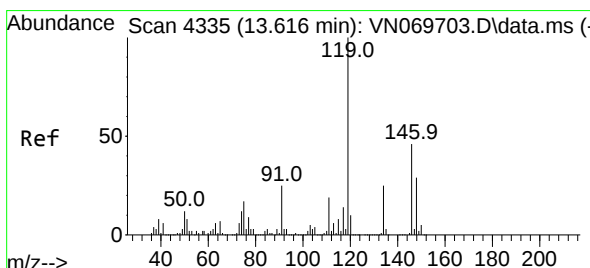
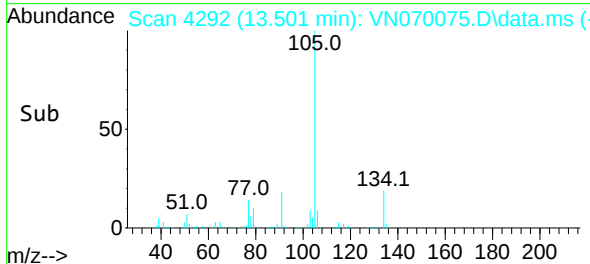
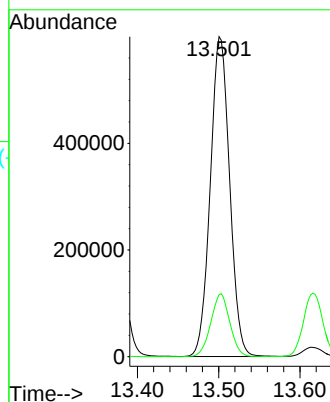
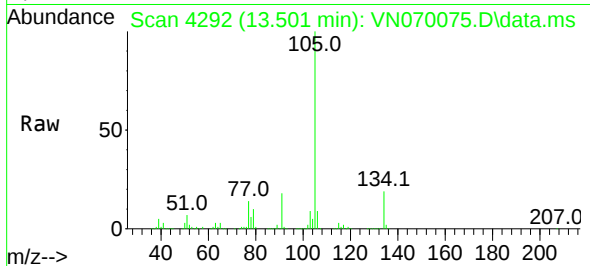
#85
 sec-Butylbenzene
 Concen: 19.642 ug/l
 RT: 13.501 min Scan# 41
 Delta R.T. -0.003 min
 Lab File: VN070075.D
 Acq: 14 Dec 2021 16:52

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1214WBSD01

Tgt Ion:105 Resp: 99125
 Ion Ratio Lower Upper
 105 100
 134 19.4 10.4 31.1

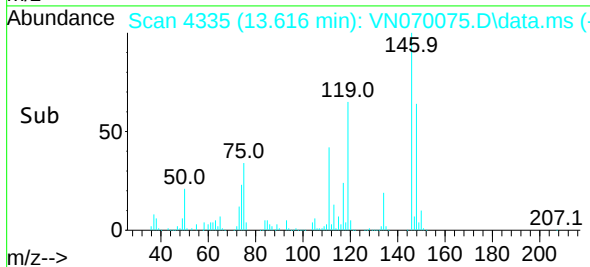
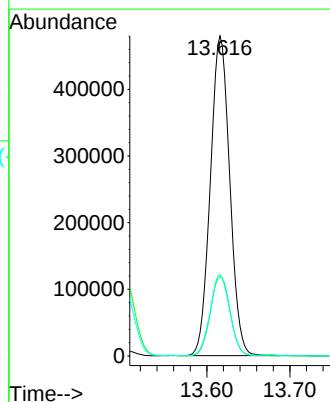
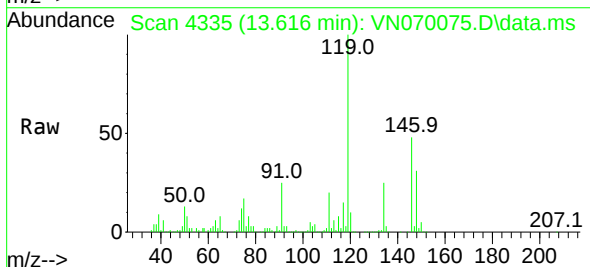
Manual Integrations
 APPROVED

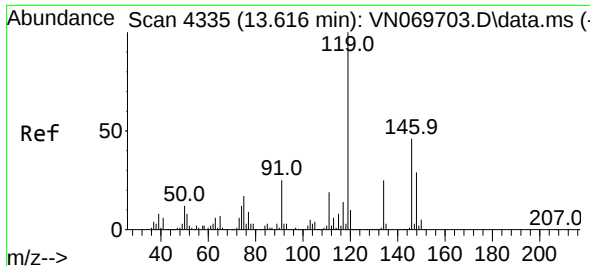
Reviewed By :John Carlone 12/15/2021
 Supervised By :Mahesh Dadoda 12/21/2021



#86
 p-Isopropyltoluene
 Concen: 19.644 ug/l
 RT: 13.616 min Scan# 4335
 Delta R.T. 0.000 min
 Lab File: VN070075.D
 Acq: 14 Dec 2021 16:52

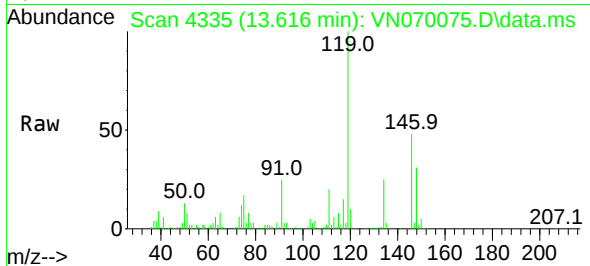
Tgt Ion:119 Resp: 774898
 Ion Ratio Lower Upper
 119 100
 134 25.4 13.6 40.7
 91 25.6 11.4 34.1





#87
1,3-Dichlorobenzene
Concen: 19.682 ug/l
RT: 13.616 min Scan# 4335
Delta R.T. 0.000 min
Lab File: VN070075.D
Acq: 14 Dec 2021 16:52

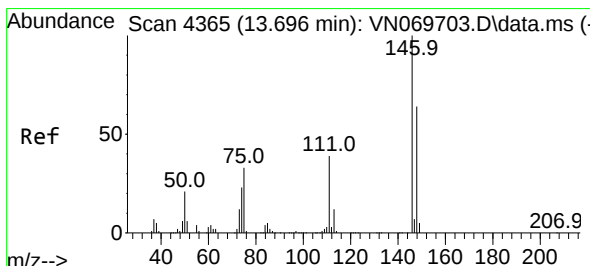
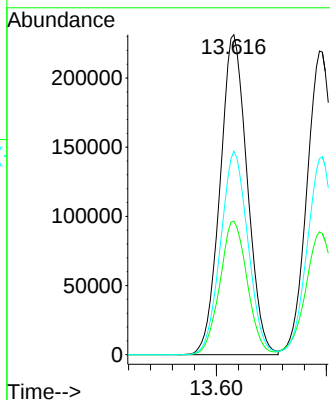
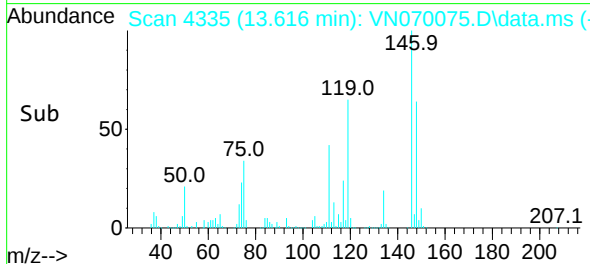
Instrument :
MSVOA_N
ClientSampleId :
VN1214WBSD01



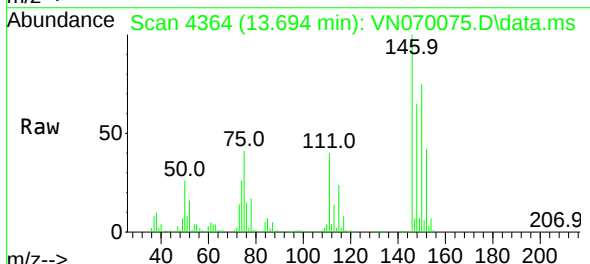
Tgt Ion:146 Resp: 396480
Ion Ratio Lower Upper
146 100
111 42.1 18.6 55.6
148 64.3 31.6 95.0

Manual Integrations
APPROVED

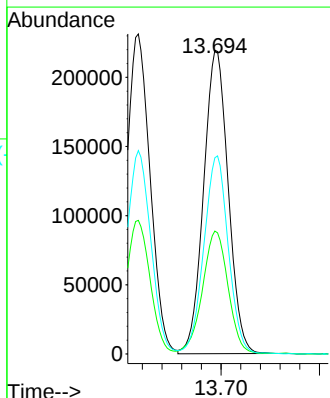
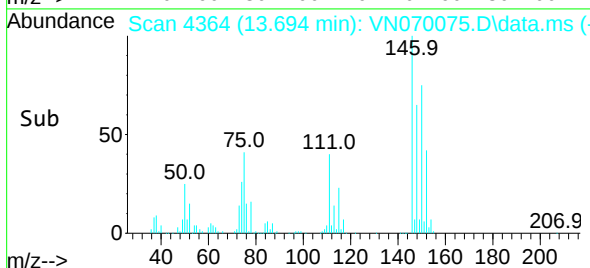
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021



#88
1,4-Dichlorobenzene
Concen: 19.290 ug/l
RT: 13.694 min Scan# 4364
Delta R.T. -0.003 min
Lab File: VN070075.D
Acq: 14 Dec 2021 16:52



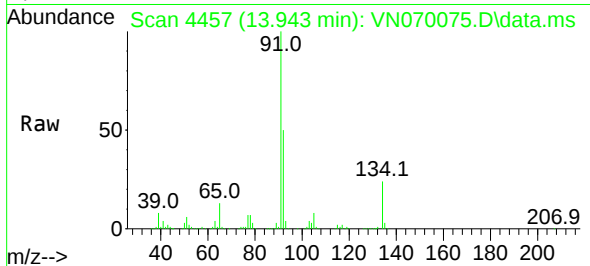
Tgt Ion:146 Resp: 381874
Ion Ratio Lower Upper
146 100
111 41.9 18.3 54.8
148 65.0 31.8 95.4





#89
n-Butylbenzene
Concen: 18.519 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. 0.000 min
Lab File: VN070075.D
Acq: 14 Dec 2021 16:52

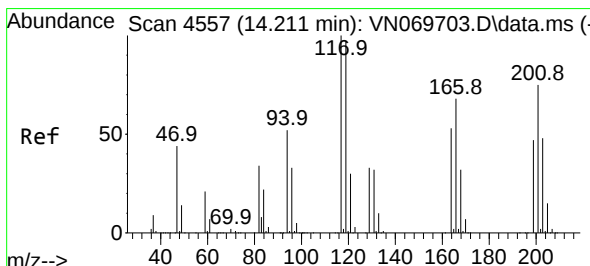
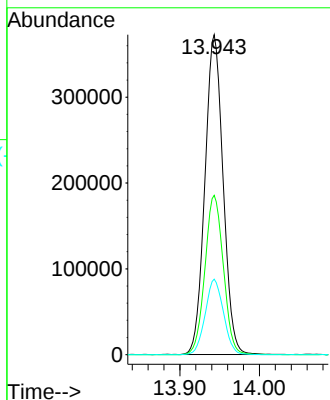
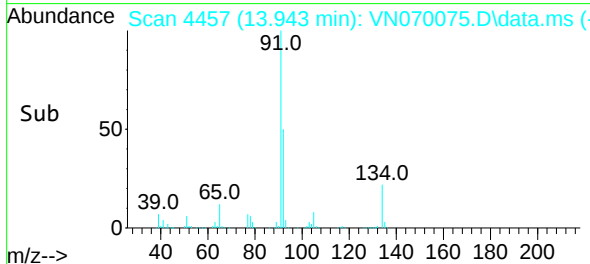
Instrument :
MSVOA_N
ClientSampleId :
VN1214WBSD01



Tgt Ion: 91 Resp: 592594
Ion Ratio Lower Upper
91 100
92 50.6 25.4 76.0
134 23.8 13.6 40.8

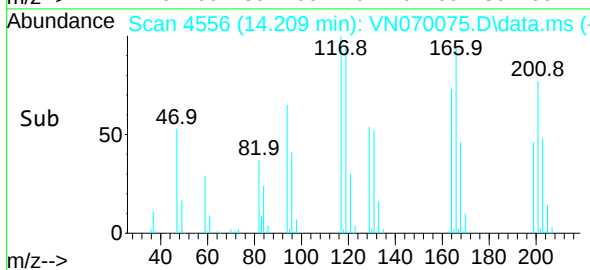
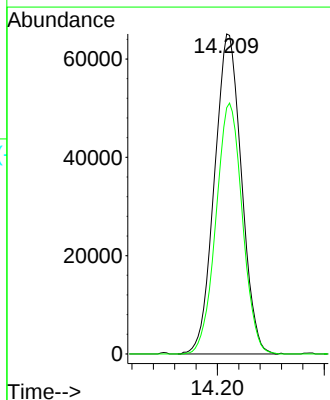
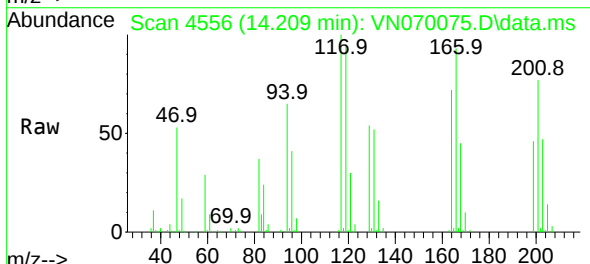
Manual Integrations
APPROVED

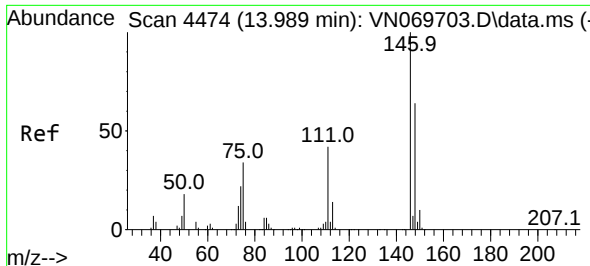
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021



#90
Hexachloroethane
Concen: 16.493 ug/l
RT: 14.209 min Scan# 4556
Delta R.T. -0.003 min
Lab File: VN070075.D
Acq: 14 Dec 2021 16:52

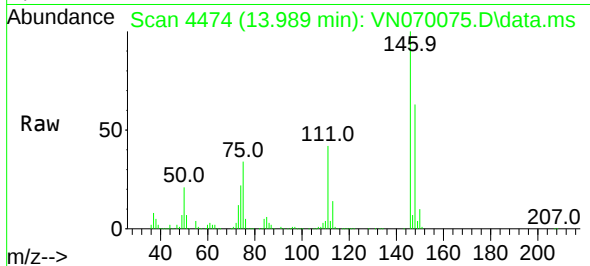
Tgt Ion:117 Resp: 114231
Ion Ratio Lower Upper
117 100
201 76.7 43.9 131.6





#91
1,2-Dichlorobenzene
Concen: 20.240 ug/l
RT: 13.989 min Scan# 4474
Delta R.T. 0.000 min
Lab File: VN070075.D
Acq: 14 Dec 2021 16:52

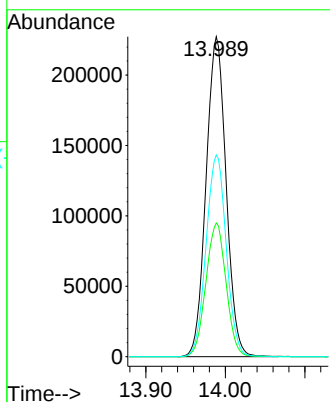
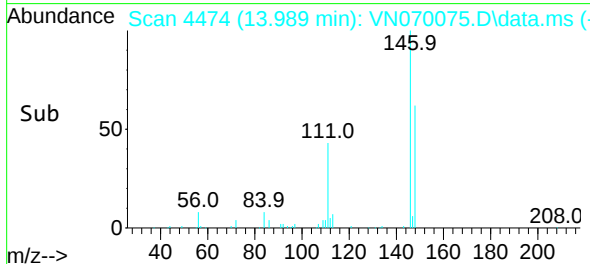
Instrument :
MSVOA_N
ClientSampleId :
VN1214WBSD01



Tgt Ion:146 Resp: 397269
Ion Ratio Lower Upper
146 100
111 42.1 19.1 57.3
148 63.7 32.1 96.3

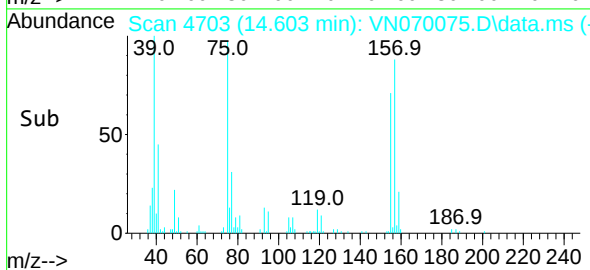
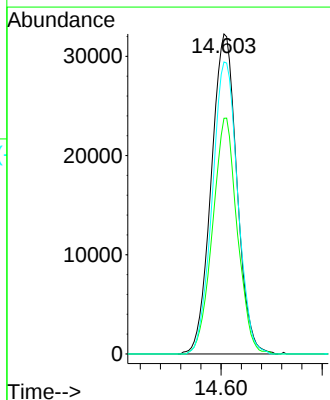
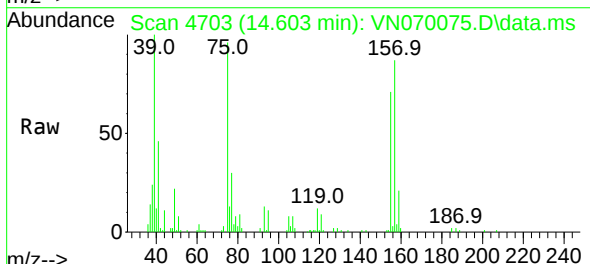
Manual Integrations
APPROVED

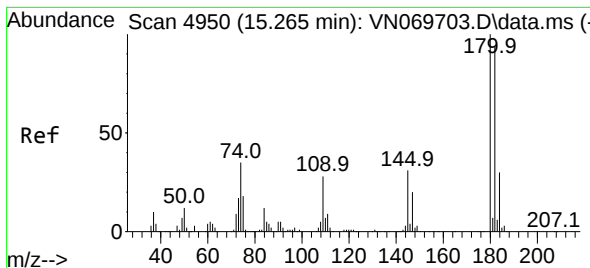
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021



#92
1,2-Dibromo-3-Chloropropane
Concen: 17.389 ug/l
RT: 14.603 min Scan# 4703
Delta R.T. 0.000 min
Lab File: VN070075.D
Acq: 14 Dec 2021 16:52

Tgt Ion: 75 Resp: 56724
Ion Ratio Lower Upper
75 100
155 71.0 46.9 140.7
157 90.6 60.6 181.7





#93

1,2,4-Trichlorobenzene

Concen: 18.912 ug/l

RT: 15.265 min Scan# 4950

Delta R.T. 0.000 min

Lab File: VN070075.D

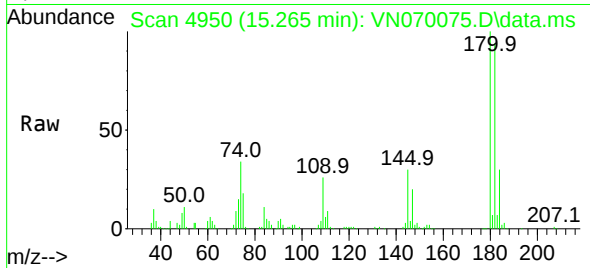
Acq: 14 Dec 2021 16:52

Instrument :

MSVOA_N

ClientSampleId :

VN1214WBSD01



Tgt Ion:180 Resp: 16378

Ion Ratio Lower Upper

180 100

182 95.4 48.3 144.9

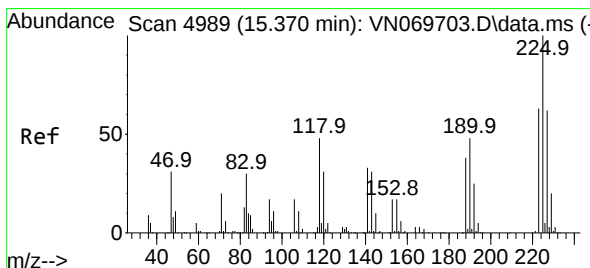
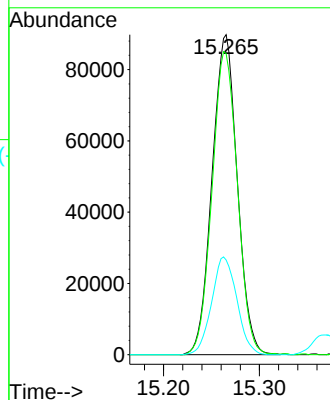
145 30.6 14.5 43.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2021

Supervised By :Mahesh Dadoda 12/21/2021



#94

Hexachlorobutadiene

Concen: 19.805 ug/l

RT: 15.367 min Scan# 4988

Delta R.T. -0.003 min

Lab File: VN070075.D

Acq: 14 Dec 2021 16:52

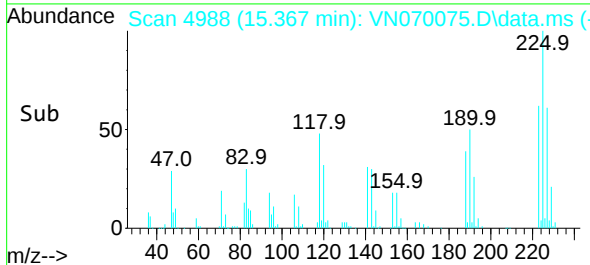
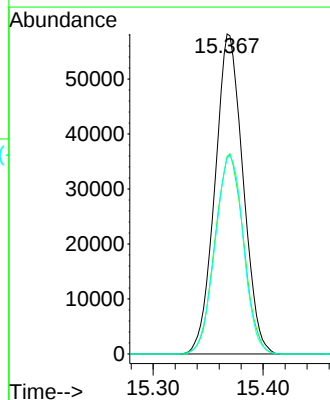
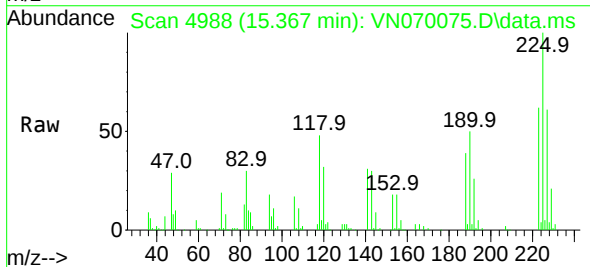
Tgt Ion:225 Resp: 103024

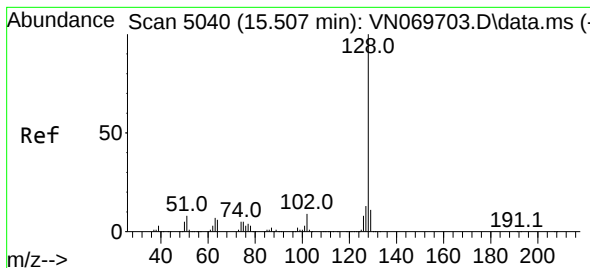
Ion Ratio Lower Upper

225 100

223 63.7 31.9 95.7

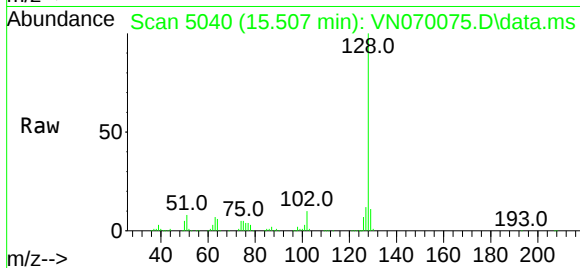
227 62.9 32.1 96.3





#95
Naphthalene
Concen: 18.841 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN070075.D
Acq: 14 Dec 2021 16:52

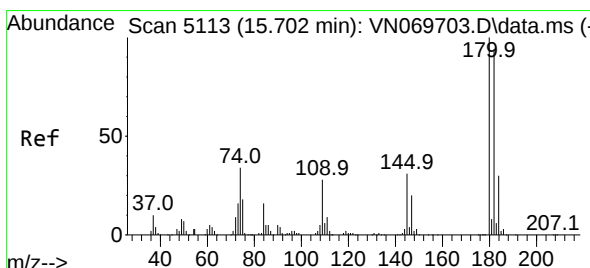
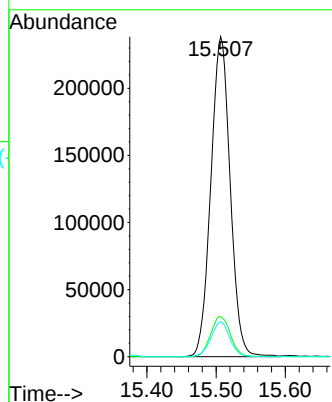
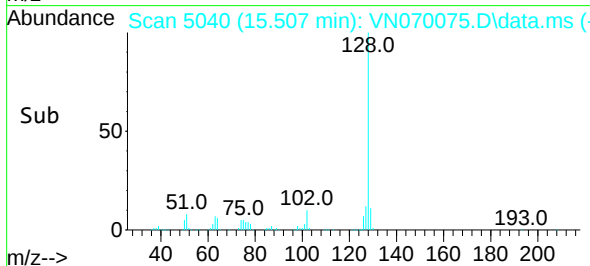
Instrument :
MSVOA_N
ClientSampleId :
VN1214WBSD01



Tgt Ion:128 Resp: 462875
Ion Ratio Lower Upper
128 100
127 12.8 10.5 15.7
129 10.6 8.7 13.1

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 19.231 ug/l
RT: 15.700 min Scan# 5112
Delta R.T. -0.002 min
Lab File: VN070075.D
Acq: 14 Dec 2021 16:52

Tgt Ion:180 Resp: 165643
Ion Ratio Lower Upper
180 100
182 95.1 47.4 142.2
145 32.7 15.0 45.1

