

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121721\
 Data File : VN070182.D
 Acq On : 17 Dec 2021 23:51
 Operator : JC/MD
 Sample : VN1217WBS03
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1217WBS03

Manual Integrations
 APPROVED

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

Quant Time: Dec 18 06:01:26 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	960772	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1606965	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1466526	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	596039	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	820626	55.319	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 110.640%			
35) Dibromofluoromethane	8.021	113	558494	55.485	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 110.960%			
50) Toluene-d8	10.441	98	2154006	53.295	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 106.580%			
62) 4-Bromofluorobenzene	12.731	95	783284	53.495	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 106.980%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.073	85	193764	17.291	ug/l	98
3) Chloromethane	2.303	50	242511	17.274	ug/l	99
4) Vinyl Chloride	2.446	62	228854	17.728	ug/l	96
5) Bromomethane	2.853	94	132940	18.956	ug/l	99
6) Chloroethane	3.019	64	143102	18.090	ug/l	96
7) Trichlorofluoromethane	3.374	101	306281	18.078	ug/l	100
8) Diethyl Ether	3.824	74	140997	21.608	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.205	101	192660	20.286	ug/l	95
10) Methyl Iodide	4.417	142	236614	18.237	ug/l	98
11) Tert butyl alcohol	5.382	59	284222	101.361	ug/l #	87
12) 1,1-Dichloroethene	4.175	96	177732	19.421	ug/l	89
13) Acrolein	4.041	56	235681	98.698	ug/l	97
14) Allyl chloride	4.838	41	411595	19.959	ug/l #	91
15) Acrylonitrile	5.557	53	786531	104.095	ug/l	99
16) Acetone	4.291	43	751289	84.192	ug/l	97
17) Carbon Disulfide	4.527	76	379427	16.048	ug/l	99
18) Methyl Acetate	4.859	43	551040	20.458	ug/l	91
19) Methyl tert-butyl Ether	5.621	73	773871	21.747	ug/l	96
20) Methylene Chloride	5.093	84	233335	19.670	ug/l	86
21) trans-1,2-Dichloroethene	5.597	96	190202	19.135	ug/l	87
22) Diisopropyl ether	6.501	45	908777	22.546	ug/l #	92
23) Vinyl Acetate	6.436	43	3508211	106.983	ug/l	95
24) 1,1-Dichloroethane	6.388	63	438554	21.004	ug/l	97
25) 2-Butanone	7.340	43	1178334	97.186	ug/l	91
26) 2,2-Dichloropropane	7.324	77	284800	17.543	ug/l	96
27) cis-1,2-Dichloroethene	7.327	96	239283	19.924	ug/l	85
28) Bromochloromethane	7.657	49	183758	16.924	ug/l #	78
29) Tetrahydrofuran	7.689	42	777370	105.588	ug/l	88
30) Chloroform	7.820	83	448409	21.265	ug/l	99
31) Cyclohexane	8.094	56	398651	19.311	ug/l	89
32) 1,1,1-Trichloroethane	8.013	97	367135	20.439	ug/l	96
36) 1,1-Dichloropropene	8.223	75	302103	19.748	ug/l	96
37) Ethyl Acetate	7.415	43	458209	20.124	ug/l	95
38) Carbon Tetrachloride	8.206	117	288981	19.264	ug/l	98
39) Methylcyclohexane	9.459	83	339775	18.673	ug/l	89
40) Benzene	8.461	78	951680	20.353	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	230623	21.577	ug/l	90
42) 1,2-Dichloroethane	8.531	62	393988	20.873	ug/l	96
43) Isopropyl Acetate	8.563	43	715679	21.240	ug/l #	94
44) Trichloroethene	9.218	130	221567	19.853	ug/l	92
45) 1,2-Dichloropropane	9.491	63	263681	20.999	ug/l	100
46) Dibromomethane	9.580	93	168646	20.479	ug/l	93
47) Bromodichloromethane	9.762	83	326008	20.909	ug/l	100
48) Methyl methacrylate	9.561	41	327510	20.828	ug/l	88
49) 1,4-Dioxane	9.569	88	111174	394.036	ug/l #	83
51) 4-Methyl-2-Pentanone	10.331	43	2408004	110.164	ug/l	95
52) Toluene	10.505	92	587163	20.568	ug/l	98
53) t-1,3-Dichloropropene	10.719	75	333822	19.598	ug/l	98
54) cis-1,3-Dichloropropene	10.188	75	366380	19.868	ug/l #	89
55) 1,1,2-Trichloroethane	10.899	97	242668	21.068	ug/l	96
56) Ethyl methacrylate	10.762	69	408932	20.237	ug/l #	89
57) 1,3-Dichloropropane	11.044	76	431174	21.260	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.041	63	555439	106.067	ug/l	91
59) 2-Hexanone	11.084	43	1727383	104.467	ug/l	93
60) Dibromochloromethane	11.237	129	223728	19.643	ug/l	99
61) 1,2-Dibromoethane	11.347	107	240334	20.145	ug/l	100
64) Tetrachloroethene	10.977	164	203887	20.503	ug/l	95
65) Chlorobenzene	11.771	112	616807	20.732	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.841	131	224053	21.396	ug/l	98
67) Ethyl Benzene	11.846	91	1150403	21.287	ug/l	96
68) m/p-Xylenes	11.953	106	838802	42.628	ug/l	92
69) o-Xylene	12.280	106	418930	21.136	ug/l	90
70) Styrene	12.294	104	660986	21.031	ug/l	95
71) Bromoform	12.457	173	160133	19.634	ug/l #	99
73) Isopropylbenzene	12.578	105	1108747	20.908	ug/l	97
74) N-amyl acetate	12.388	43	482701	20.582	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.827	83	392860	21.423	ug/l	99
76) 1,2,3-Trichloropropane	12.881	75	357463m	20.913	ug/l	
77) Bromobenzene	12.860	156	252216	20.248	ug/l	76
78) n-propylbenzene	12.921	91	1207988	20.470	ug/l	96
79) 2-Chlorotoluene	13.007	91	776721	20.830	ug/l	92
80) 1,3,5-Trimethylbenzene	13.061	105	898240	21.044	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.626	75	85870	19.167	ug/l	89
82) 4-Chlorotoluene	13.104	91	719774	20.526	ug/l	92
83) tert-Butylbenzene	13.324	119	787229	20.829	ug/l	92
84) 1,2,4-Trimethylbenzene	13.369	105	875542	21.539	ug/l	97
85) sec-Butylbenzene	13.501	105	1060136	20.679	ug/l	97
86) p-Isopropyltoluene	13.616	119	826276	20.620	ug/l	96
87) 1,3-Dichlorobenzene	13.616	146	411791	20.123	ug/l	96
88) 1,4-Dichlorobenzene	13.694	146	394760	19.630	ug/l	95
89) n-Butylbenzene	13.943	91	630684	19.402	ug/l	97
90) Hexachloroethane	14.211	117	134700	19.146	ug/l	87
91) 1,2-Dichlorobenzene	13.989	146	412497	20.688	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.603	75	67545	20.384	ug/l	78
93) 1,2,4-Trichlorobenzene	15.263	180	181580	20.377	ug/l	98
94) Hexachlorobutadiene	15.370	225	111795	21.157	ug/l	98
95) Naphthalene	15.507	128	551977	21.425	ug/l	100
96) 1,2,3-Trichlorobenzene	15.700	180	185837	20.985	ug/l	98

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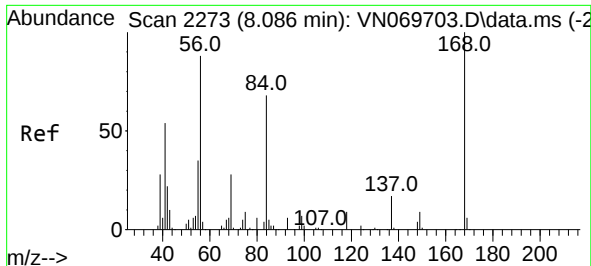
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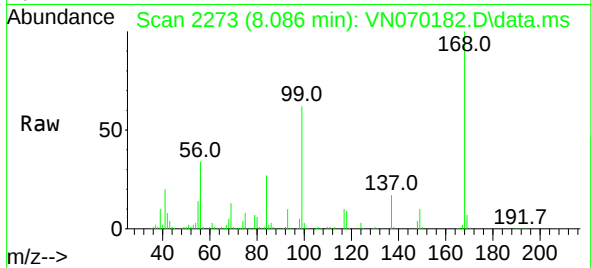
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
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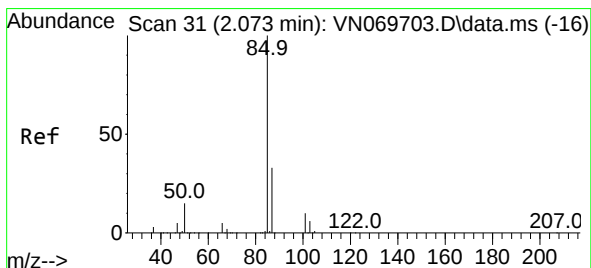
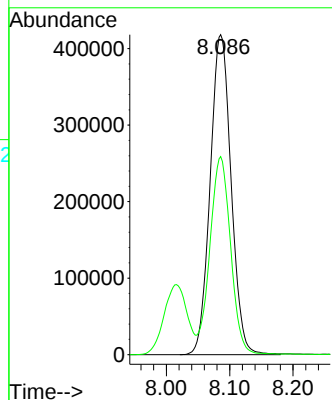
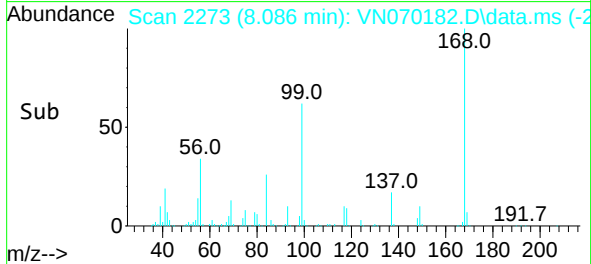
Instrument :
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Tgt Ion:168 Resp: 960772
Ion Ratio Lower Upper
168 100
99 61.7 41.3 61.9

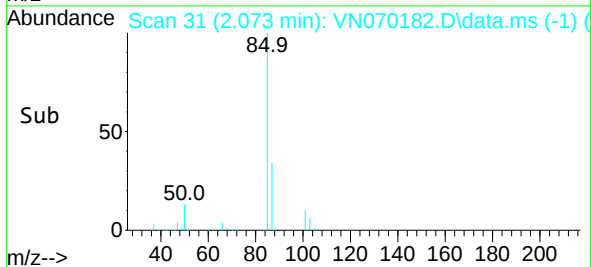
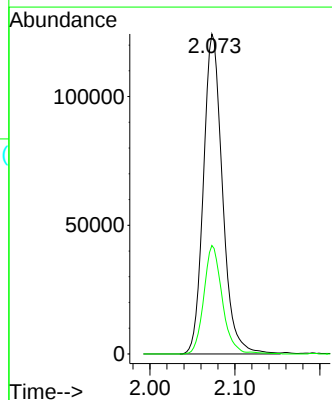
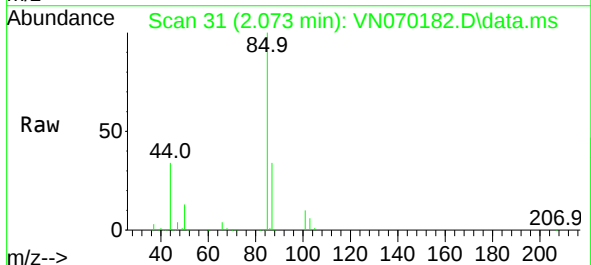
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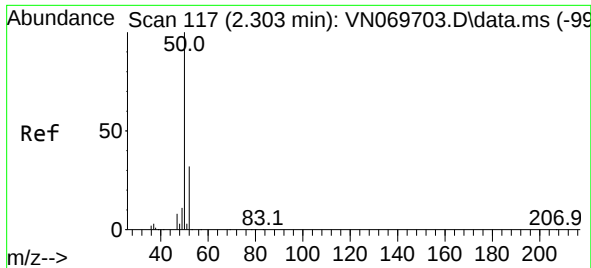
Reviewed By :John Carlone 12/20/2021
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#2
Dichlorodifluoromethane
Concen: 17.291 ug/l
RT: 2.073 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN070182.D
Acq: 17 Dec 2021 23:51

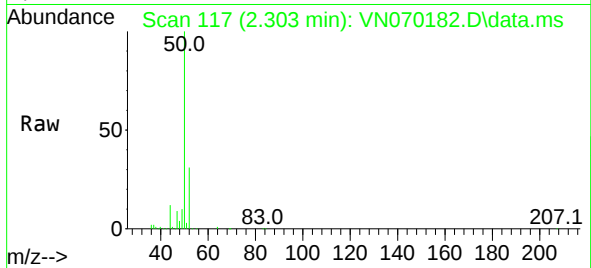
Tgt Ion: 85 Resp: 193764
Ion Ratio Lower Upper
85 100
87 33.9 16.3 48.9





#3
Chloromethane
Concen: 17.274 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN070182.D
Acq: 17 Dec 2021 23:51

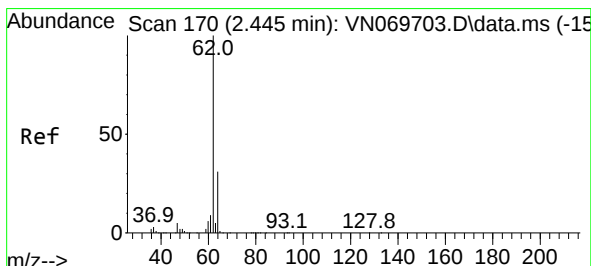
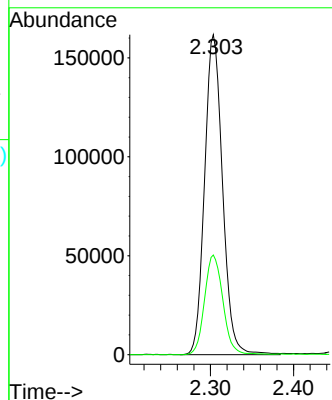
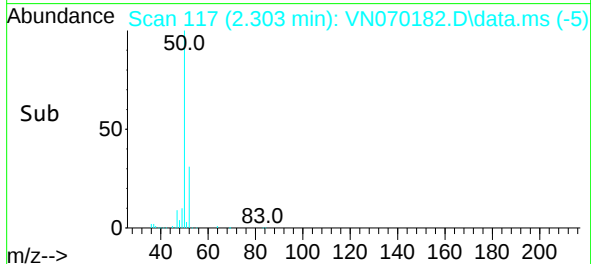
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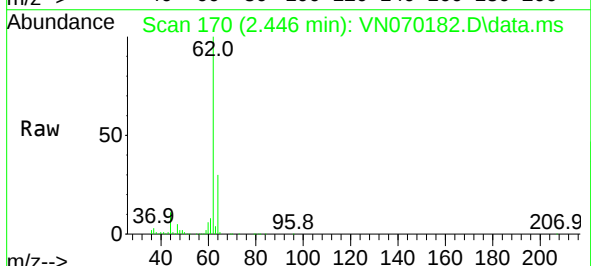
Tgt Ion: 50 Resp: 24251
Ion Ratio Lower Upper
50 100
52 31.1 25.4 38.0

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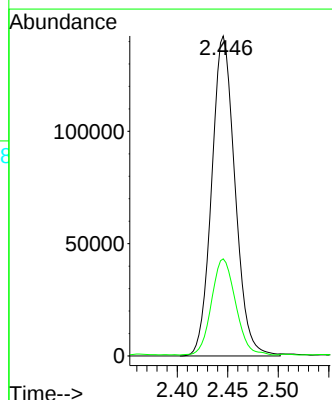
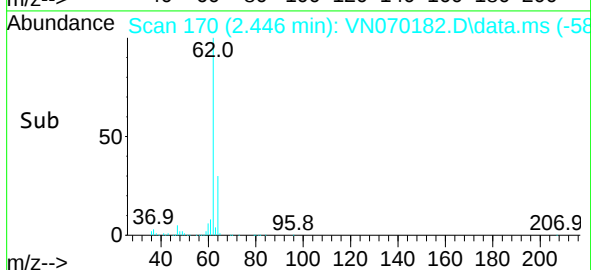
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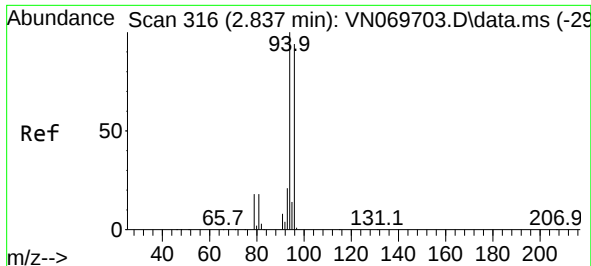


#4
Vinyl Chloride
Concen: 17.728 ug/l
RT: 2.446 min Scan# 170
Delta R.T. 0.000 min
Lab File: VN070182.D
Acq: 17 Dec 2021 23:51



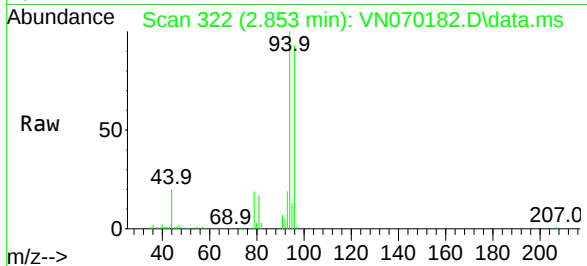
Tgt Ion: 62 Resp: 228854
Ion Ratio Lower Upper
62 100
64 30.0 25.8 38.6





#5
Bromomethane
Concen: 18.956 ug/l
RT: 2.853 min Scan# 316
Delta R.T. 0.016 min
Lab File: VN070182.D
Acq: 17 Dec 2021 23:51

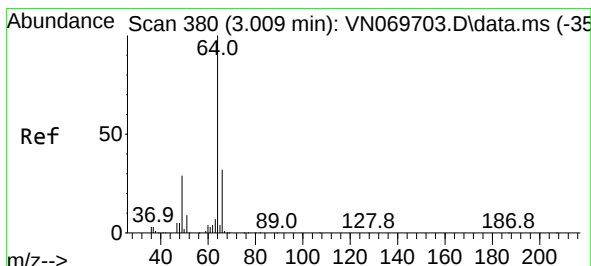
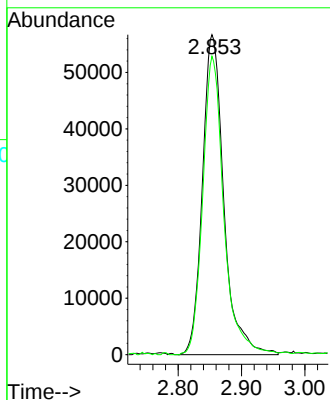
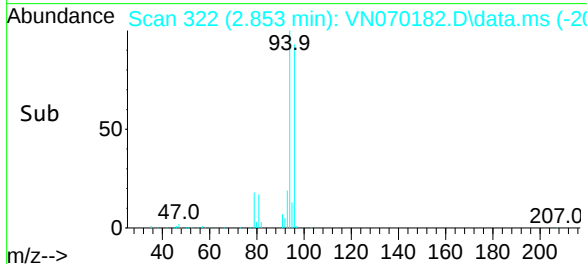
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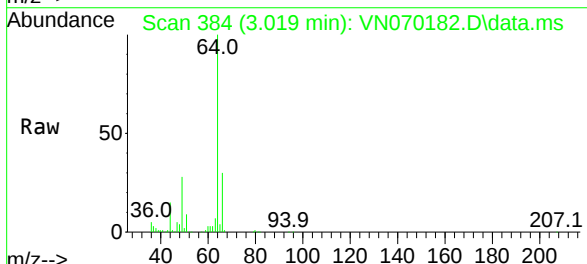
Tgt Ion: 94 Resp: 132940
Ion Ratio Lower Upper
94 100
96 93.3 73.8 110.8

Manual Integrations
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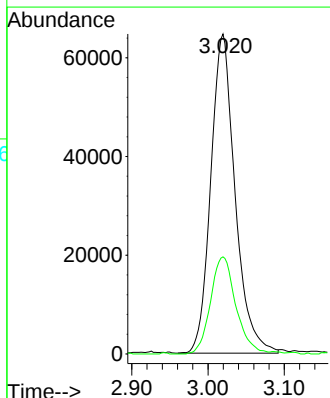
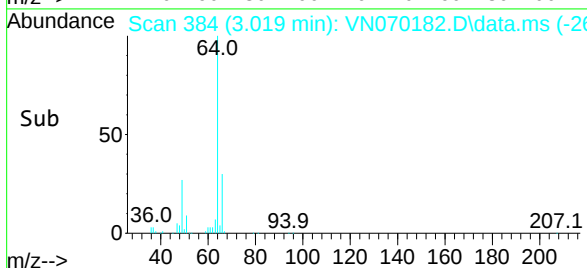
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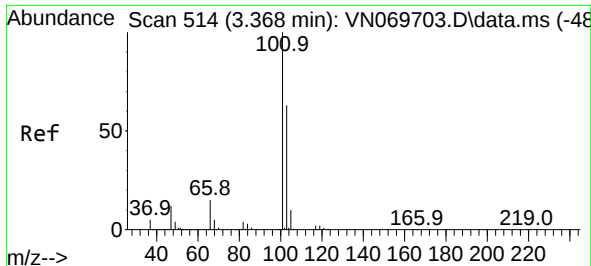


#6
Chloroethane
Concen: 18.090 ug/l
RT: 3.019 min Scan# 384
Delta R.T. 0.011 min
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Tgt Ion: 64 Resp: 143102
Ion Ratio Lower Upper
64 100
66 30.4 26.3 39.5





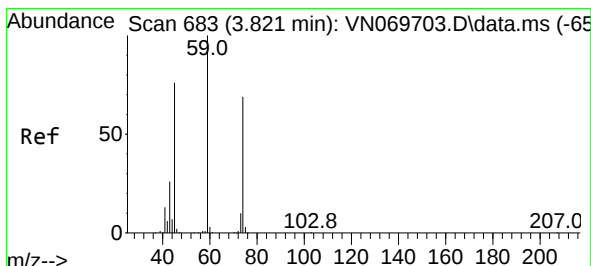
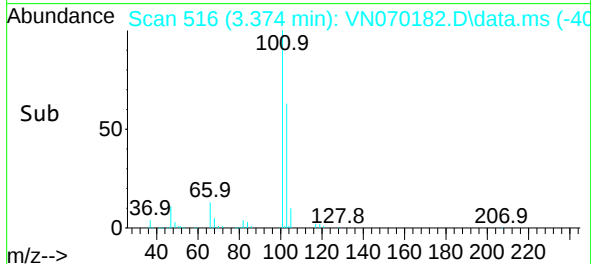
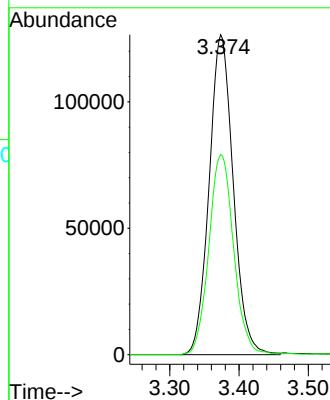
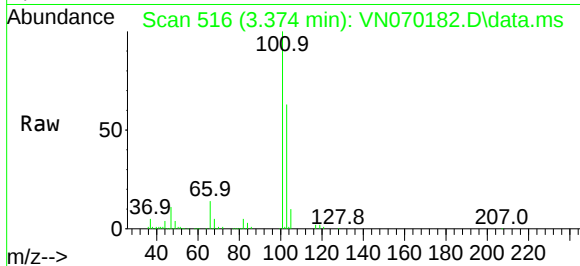
#7
 Trichlorofluoromethane
 Concen: 18.078 ug/l
 RT: 3.374 min Scan# 514
 Delta R.T. 0.006 min
 Lab File: VN070182.D
 Acq: 17 Dec 2021 23:51

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Tgt Ion:101 Resp: 30628
 Ion Ratio Lower Upper
 101 100
 103 62.6 50.1 75.1

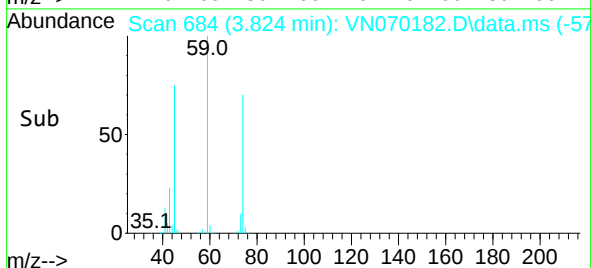
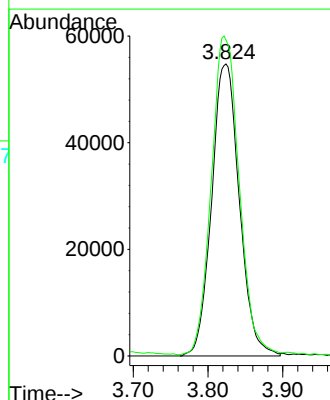
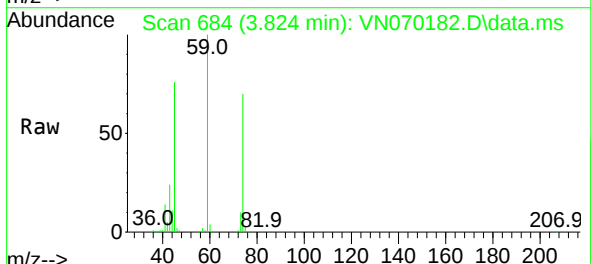
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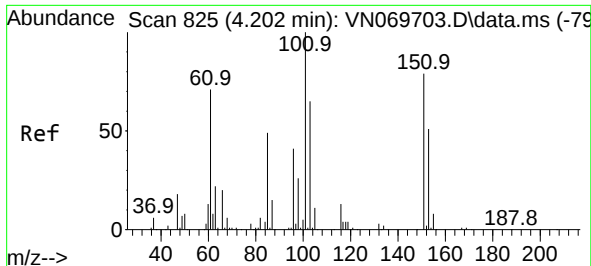
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#8
 Diethyl Ether
 Concen: 21.608 ug/l
 RT: 3.824 min Scan# 684
 Delta R.T. 0.003 min
 Lab File: VN070182.D
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Tgt Ion: 74 Resp: 140997
 Ion Ratio Lower Upper
 74 100
 45 109.7 47.0 141.2





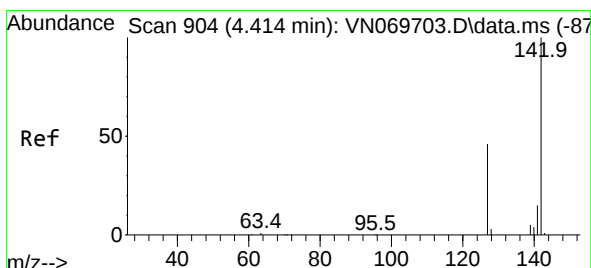
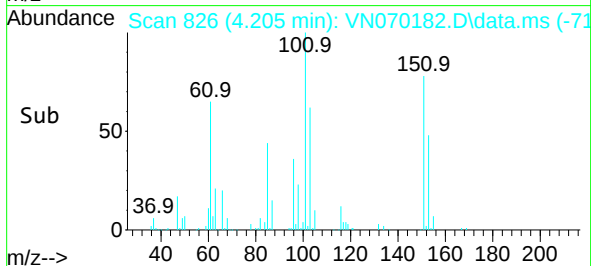
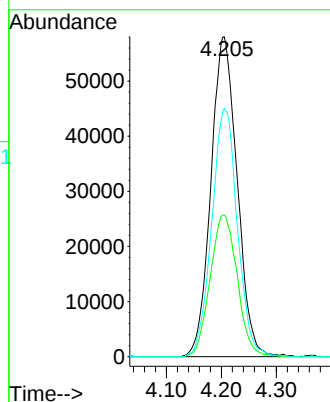
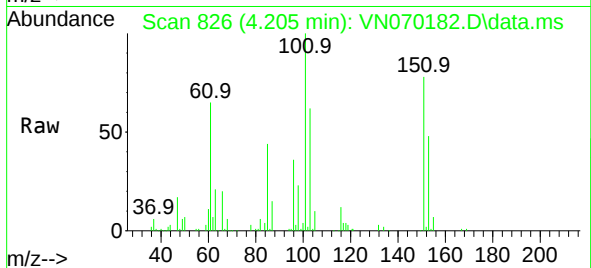
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.286 ug/l
RT: 4.205 min Scan# 825
Delta R.T. 0.003 min
Lab File: VN070182.D
Acq: 17 Dec 2021 23:51

Instrument :
MSVOA_N
Client Sample Id :
VN1217WBS03

Tgt Ion:101 Resp: 192660
Ion Ratio Lower Upper
101 100
85 45.4 37.2 55.8
151 75.7 65.9 98.9

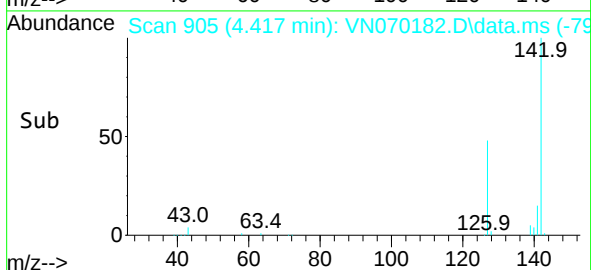
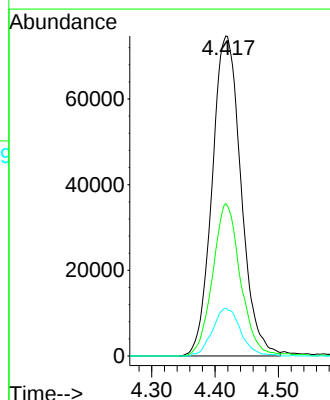
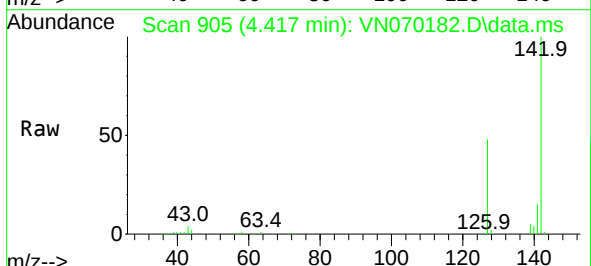
Manual Integrations
APPROVED

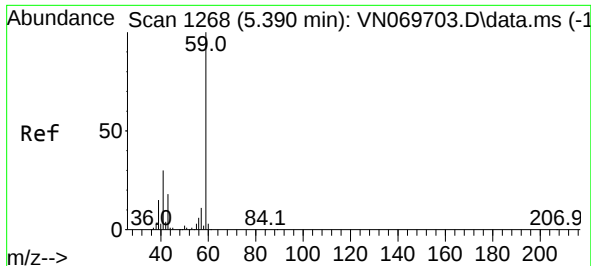
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/23/2021



#10
Methyl Iodide
Concen: 18.237 ug/l
RT: 4.417 min Scan# 905
Delta R.T. 0.003 min
Lab File: VN070182.D
Acq: 17 Dec 2021 23:51

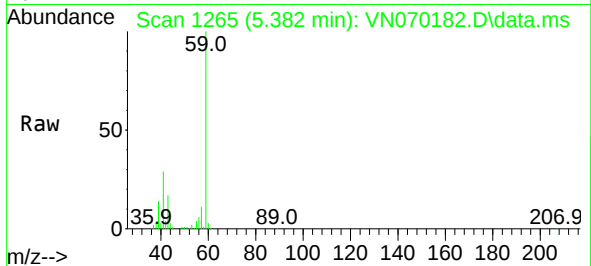
Tgt Ion:142 Resp: 236614
Ion Ratio Lower Upper
142 100
127 45.8 35.4 53.0
141 14.5 11.6 17.4





#11
Tert butyl alcohol
Concen: 101.361 ug/l
RT: 5.382 min Scan# 1265
Delta R.T. -0.008 min
Lab File: VN070182.D
Acq: 17 Dec 2021 23:51

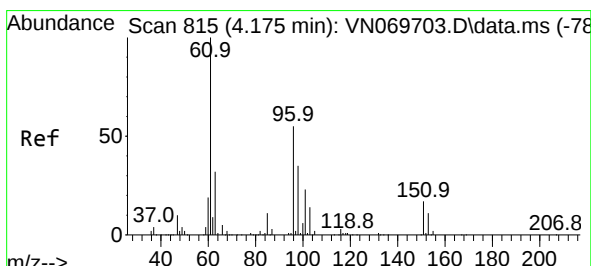
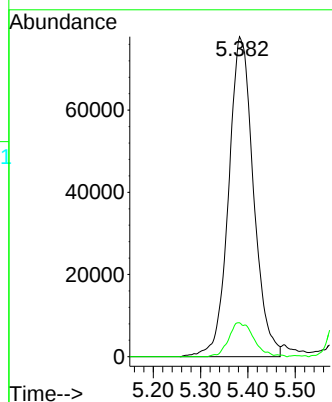
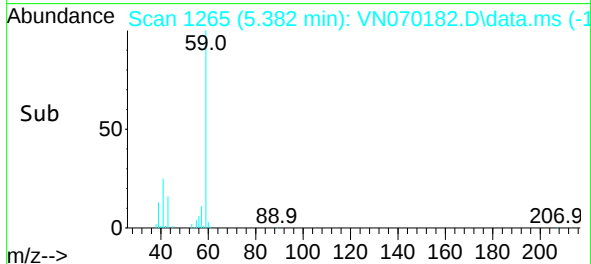
Instrument :
MSVOA_N
ClientSampleId :
VN1217WBS03



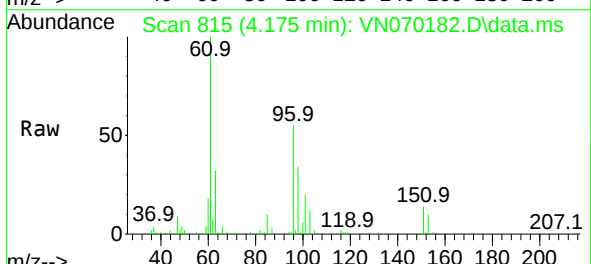
Tgt Ion: 59 Resp: 28422
Ion Ratio Lower Upper
59 100
57 6.2 8.7 13.1

Manual Integrations
APPROVED

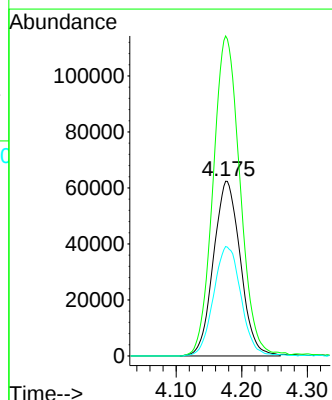
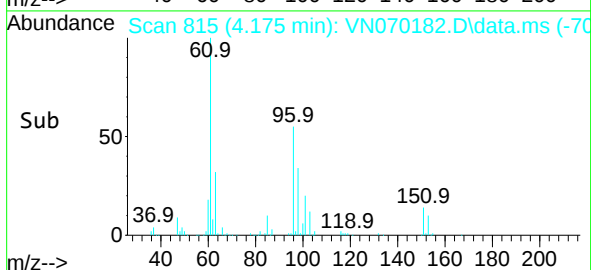
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/23/2021



#12
1,1-Dichloroethene
Concen: 19.421 ug/l
RT: 4.175 min Scan# 815
Delta R.T. 0.000 min
Lab File: VN070182.D
Acq: 17 Dec 2021 23:51



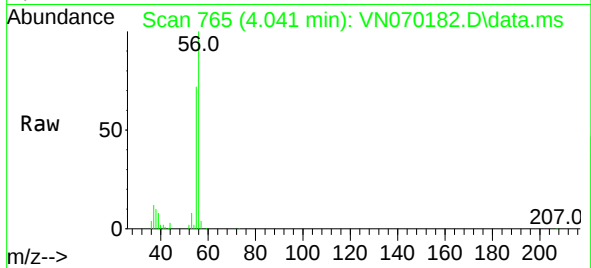
Tgt Ion: 96 Resp: 177732
Ion Ratio Lower Upper
96 100
61 183.2 131.0 196.6
98 62.6 52.4 78.6





#13
Acrolein
Concen: 98.698 ug/l
RT: 4.041 min Scan# 765
Delta R.T. 0.003 min
Lab File: VN070182.D
Acq: 17 Dec 2021 23:51

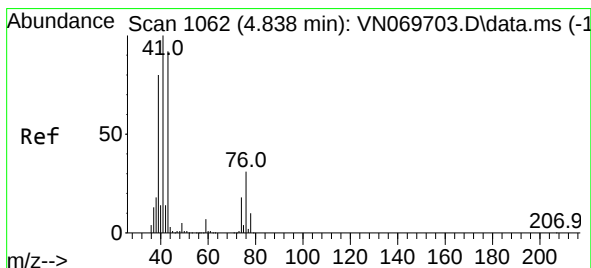
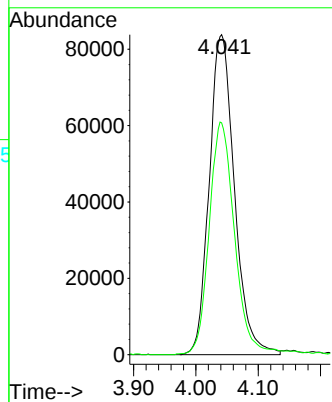
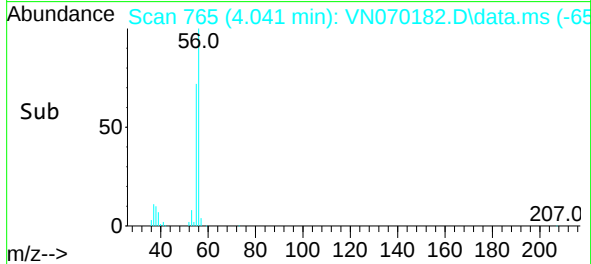
Instrument :
MSVOA_N
ClientSampleId :
VN1217WBS03



Tgt Ion: 56 Resp: 23568
Ion Ratio Lower Upper
56 100
55 73.4 56.6 85.0

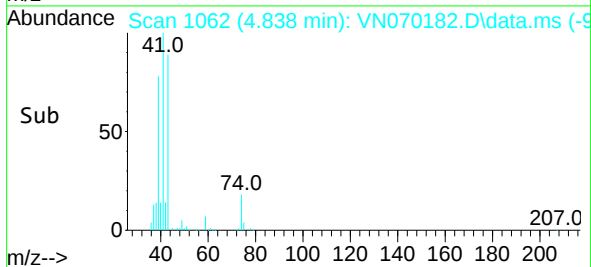
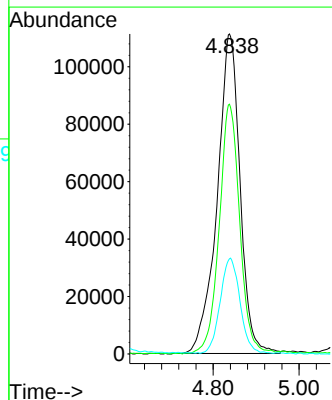
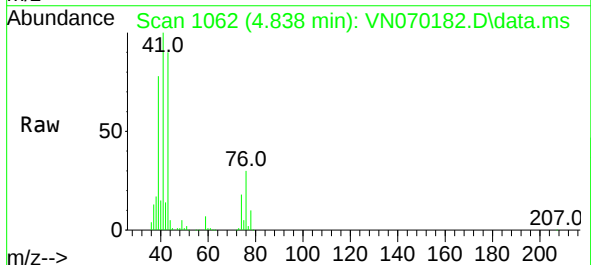
Manual Integrations
APPROVED

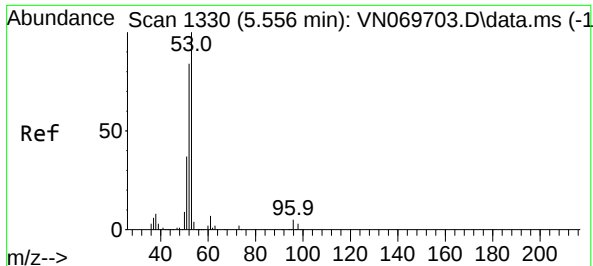
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/23/2021



#14
Allyl chloride
Concen: 19.959 ug/l
RT: 4.838 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VN070182.D
Acq: 17 Dec 2021 23:51

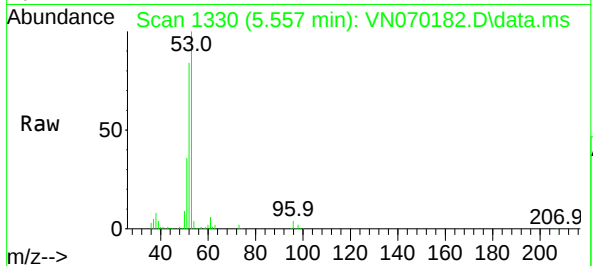
Tgt Ion: 41 Resp: 411595
Ion Ratio Lower Upper
41 100
39 70.0 61.2 91.8
76 25.6 26.0 39.0





#15
Acrylonitrile
Concen: 104.095 ug/l
RT: 5.557 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN070182.D
Acq: 17 Dec 2021 23:51

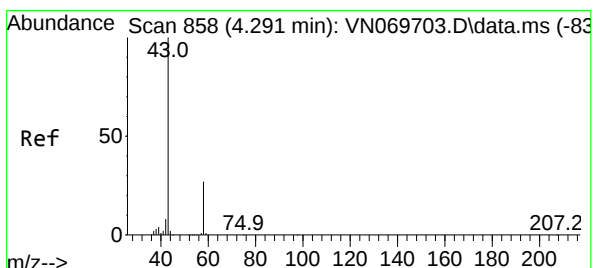
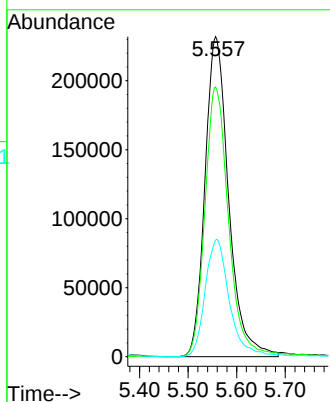
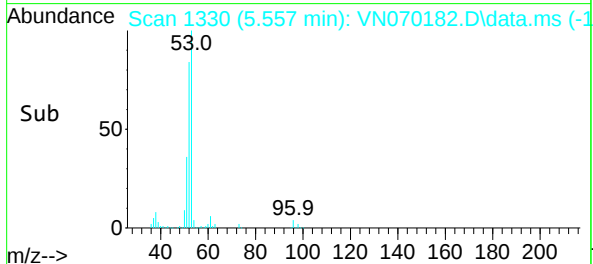
Instrument :
MSVOA_N
ClientSampleId :
VN1217WBS03



Tgt Ion: 53 Resp: 78653
Ion Ratio Lower Upper
53 100
52 84.3 66.2 99.2
51 37.4 29.6 44.4

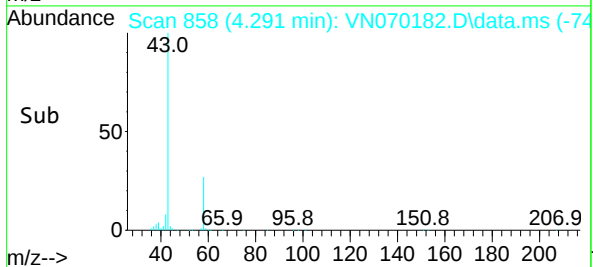
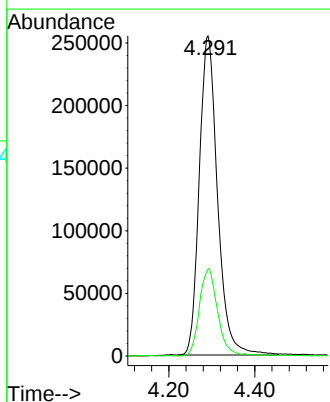
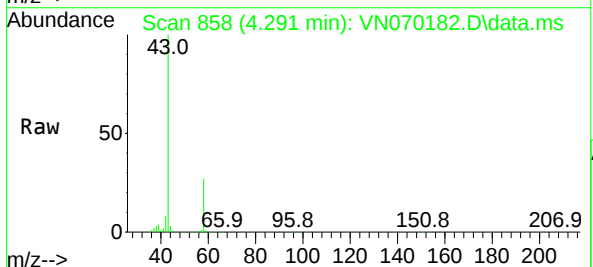
Manual Integrations
APPROVED

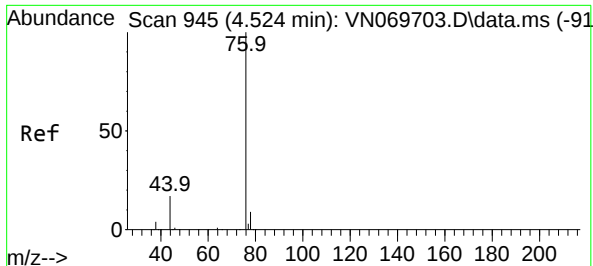
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/23/2021



#16
Acetone
Concen: 84.192 ug/l
RT: 4.291 min Scan# 858
Delta R.T. 0.000 min
Lab File: VN070182.D
Acq: 17 Dec 2021 23:51

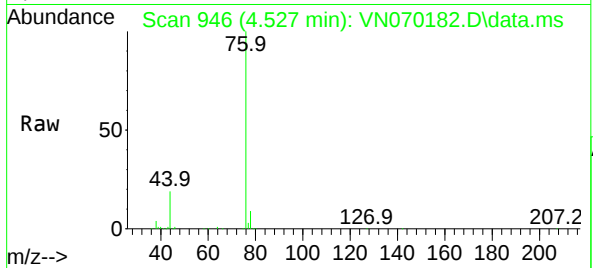
Tgt Ion: 43 Resp: 751289
Ion Ratio Lower Upper
43 100
58 27.2 23.1 34.7





#17
Carbon Disulfide
Concen: 16.048 ug/l
RT: 4.527 min Scan# 945
Delta R.T. 0.003 min
Lab File: VN070182.D
Acq: 17 Dec 2021 23:51

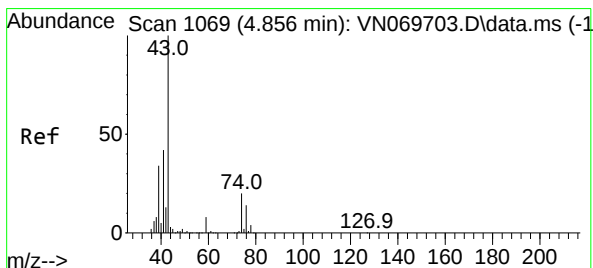
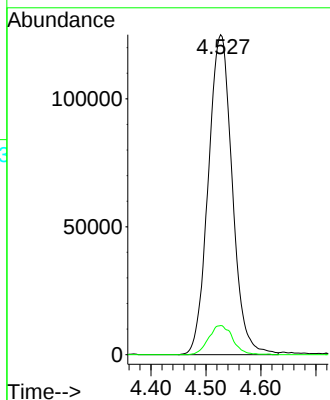
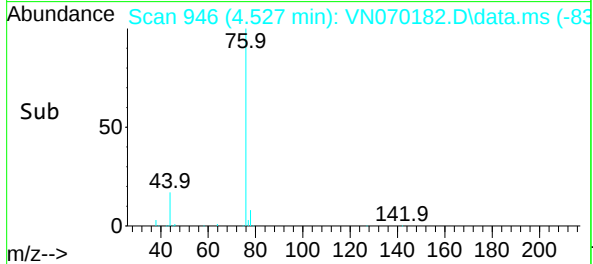
Instrument :
MSVOA_N
ClientSampleId :
VN1217WBS03



Tgt Ion: 76 Resp: 37942
Ion Ratio Lower Upper
76 100
78 9.1 7.5 11.3

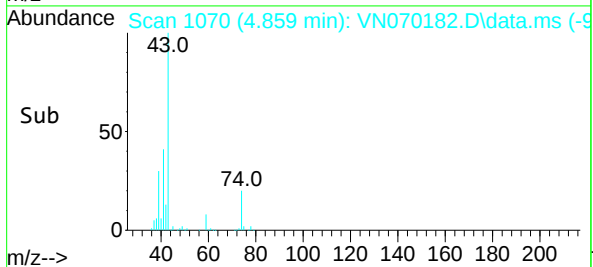
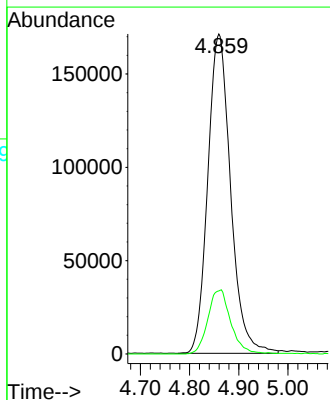
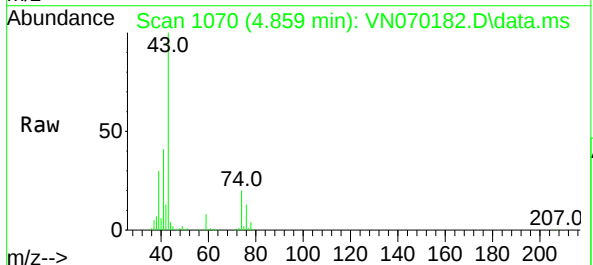
Manual Integrations
APPROVED

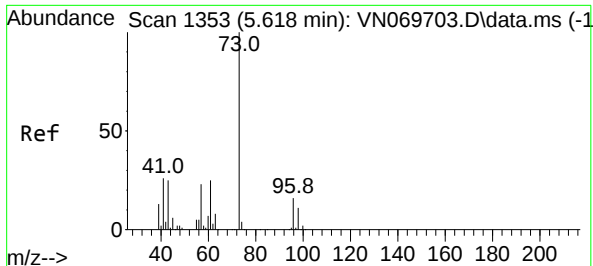
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/23/2021



#18
Methyl Acetate
Concen: 20.458 ug/l
RT: 4.859 min Scan# 1070
Delta R.T. 0.003 min
Lab File: VN070182.D
Acq: 17 Dec 2021 23:51

Tgt Ion: 43 Resp: 551040
Ion Ratio Lower Upper
43 100
74 20.1 19.4 29.2





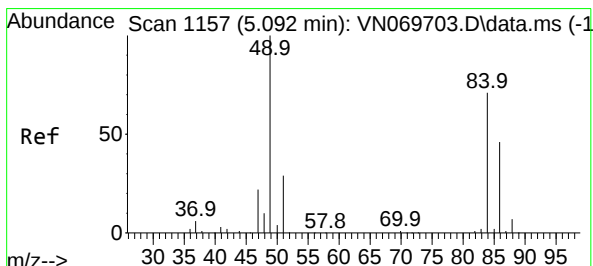
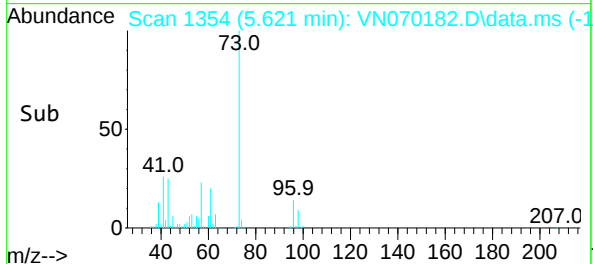
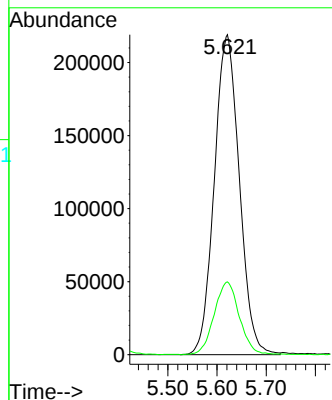
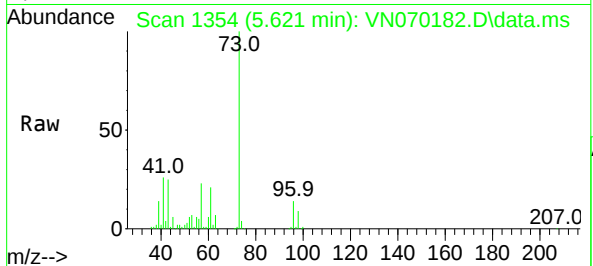
#19
Methyl tert-butyl Ether
Concen: 21.747 ug/l
RT: 5.621 min Scan# 1135
Delta R.T. 0.003 min
Lab File: VN070182.D
Acq: 17 Dec 2021 23:51

Instrument :
MSVOA_N
ClientSampleId :
VN1217WBS03

Tgt Ion: 73 Resp: 77387
Ion Ratio Lower Upper
73 100
57 22.7 16.8 25.2

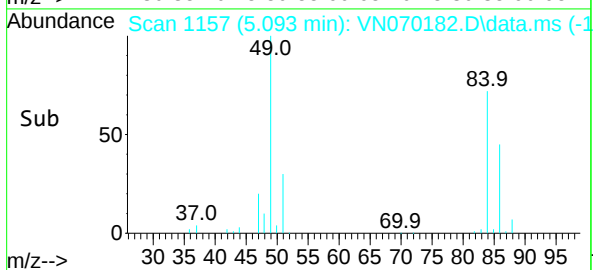
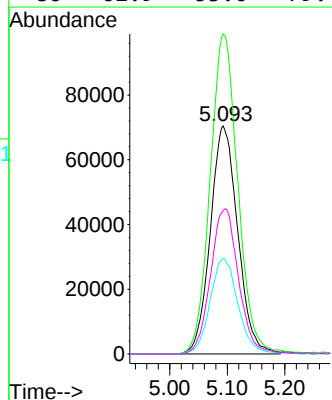
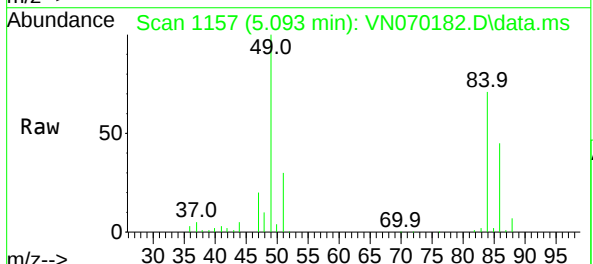
Manual Integrations
APPROVED

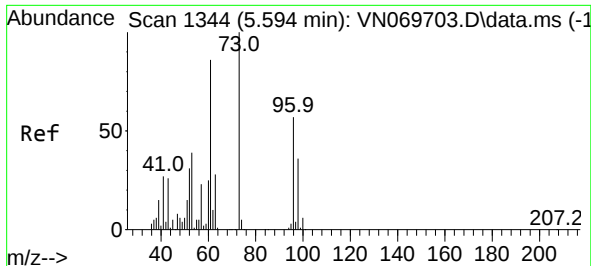
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/23/2021



#20
Methylene Chloride
Concen: 19.670 ug/l
RT: 5.093 min Scan# 1157
Delta R.T. 0.000 min
Lab File: VN070182.D
Acq: 17 Dec 2021 23:51

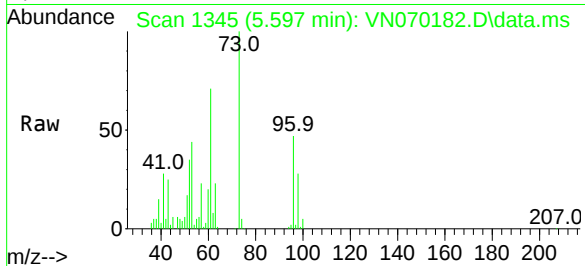
Tgt Ion: 84 Resp: 233335
Ion Ratio Lower Upper
84 100
49 140.1 93.5 140.3
51 41.8 29.4 44.2
86 62.9 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 19.135 ug/l
RT: 5.597 min Scan# 11
Delta R.T. 0.003 min
Lab File: VN070182.D
Acq: 17 Dec 2021 23:51

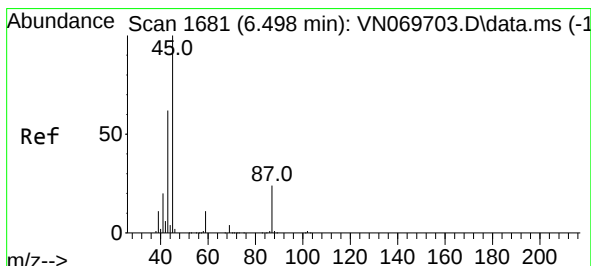
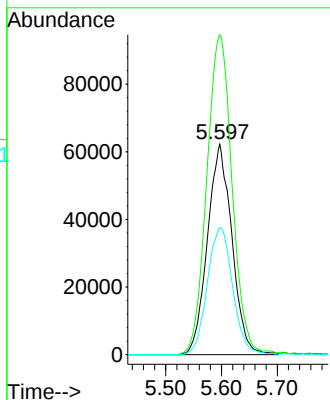
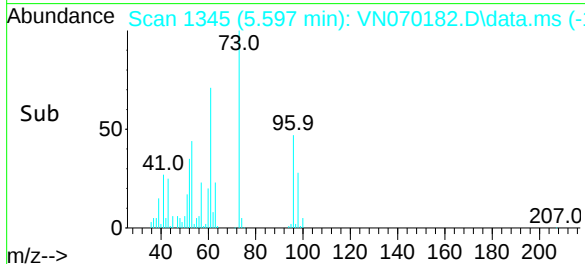
Instrument :
MSVOA_N
ClientSampleId :
VN1217WBS03



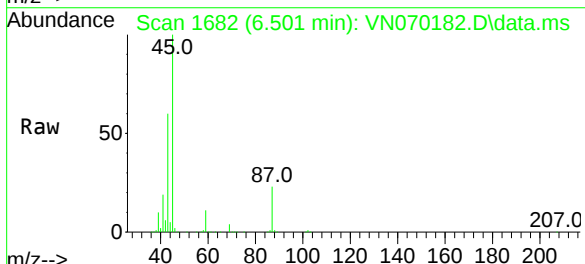
Tgt Ion: 96 Resp: 19020
Ion Ratio Lower Upper
96 100
61 152.1 105.8 158.6
98 60.4 52.0 78.0

Manual Integrations
APPROVED

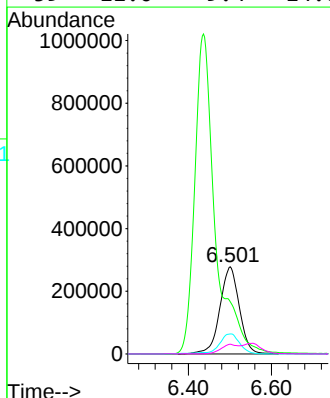
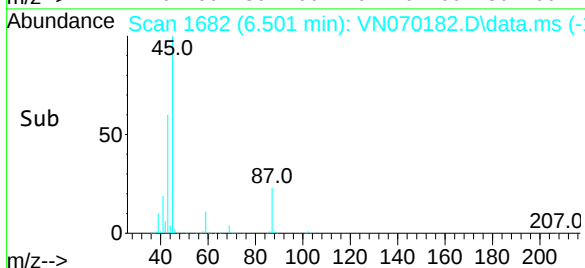
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/23/2021

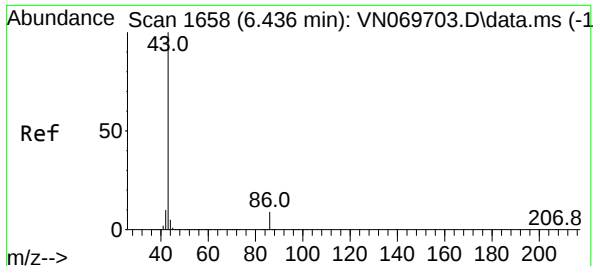


#22
Diisopropyl ether
Concen: 22.546 ug/l
RT: 6.501 min Scan# 1682
Delta R.T. 0.003 min
Lab File: VN070182.D
Acq: 17 Dec 2021 23:51



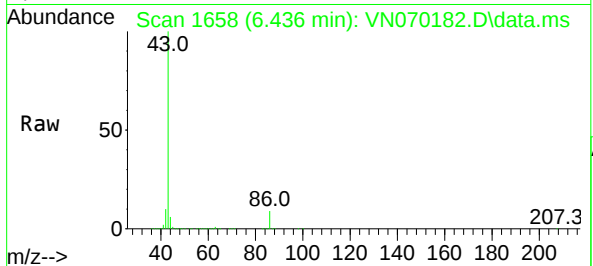
Tgt Ion: 45 Resp: 908777
Ion Ratio Lower Upper
45 100
43 58.4 51.7 77.5
87 22.8 23.2 34.8#
59 11.0 9.4 14.0





#23
 Vinyl Acetate
 Concen: 106.983 ug/l
 RT: 6.436 min Scan# 1658
 Delta R.T. 0.000 min
 Lab File: VN070182.D
 Acq: 17 Dec 2021 23:51

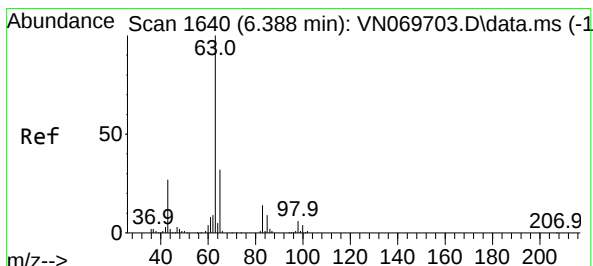
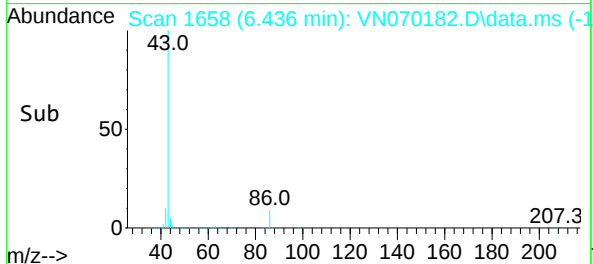
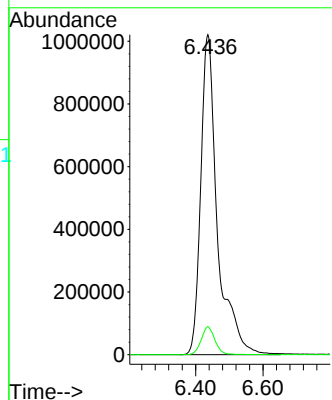
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1217WBS03



Tgt Ion: 43 Resp: 350821
 Ion Ratio Lower Upper
 43 100
 86 8.8 8.5 12.7

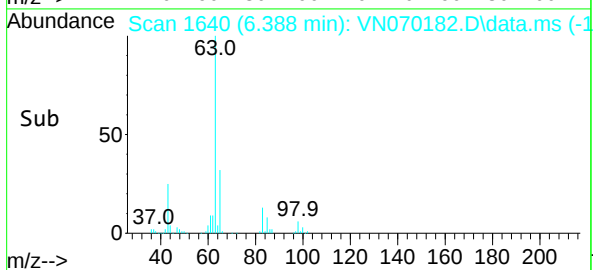
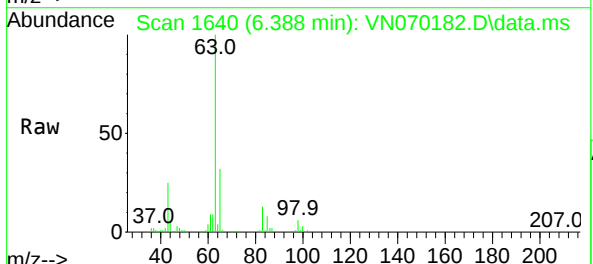
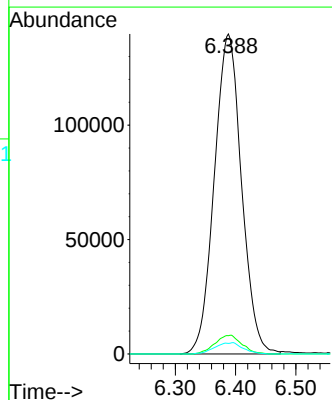
Manual Integrations
 APPROVED

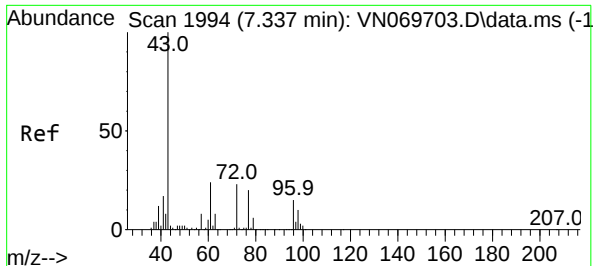
Reviewed By :John Carlone 12/20/2021
 Supervised By :Mahesh Dadoda 12/23/2021



#24
 1,1-Dichloroethane
 Concen: 21.004 ug/l
 RT: 6.388 min Scan# 1640
 Delta R.T. 0.000 min
 Lab File: VN070182.D
 Acq: 17 Dec 2021 23:51

Tgt Ion: 63 Resp: 438554
 Ion Ratio Lower Upper
 63 100
 98 5.7 3.3 9.9
 100 3.3 2.1 6.5





#25

2-Butanone

Concen: 97.186 ug/l

RT: 7.340 min Scan# 1994

Delta R.T. 0.003 min

Lab File: VN070182.D

Acq: 17 Dec 2021 23:51

Instrument :

MSVOA_N

ClientSampleId :

VN1217WBS03

Tgt Ion: 43 Resp: 1178334

Ion Ratio Lower Upper

43 100

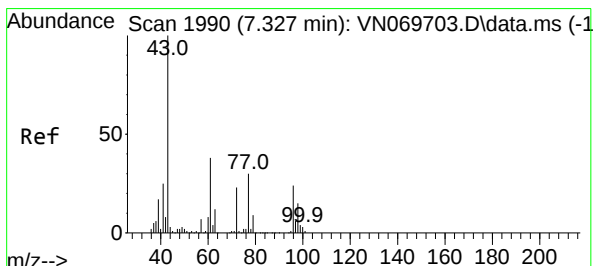
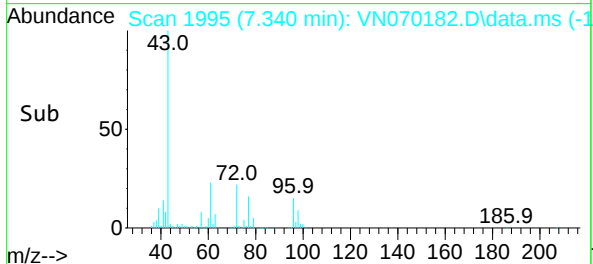
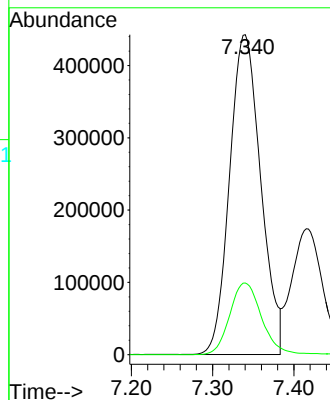
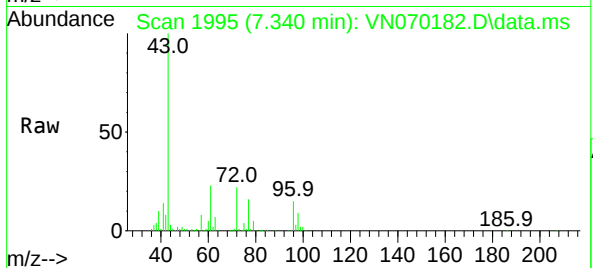
72 22.4 21.7 32.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2021

Supervised By :Mahesh Dadoda 12/23/2021



#26

2,2-Dichloropropane

Concen: 17.543 ug/l

RT: 7.324 min Scan# 1989

Delta R.T. -0.002 min

Lab File: VN070182.D

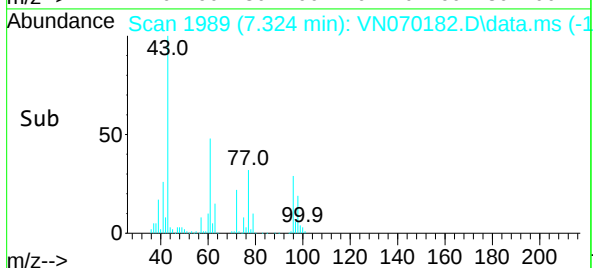
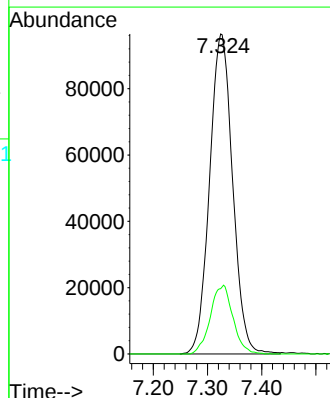
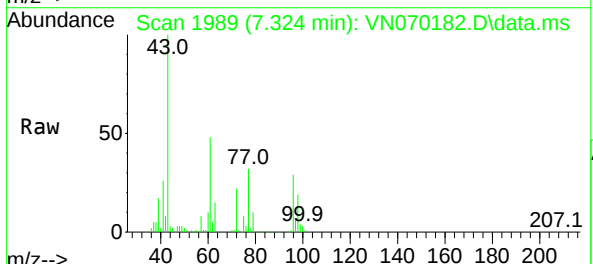
Acq: 17 Dec 2021 23:51

Tgt Ion: 77 Resp: 284800

Ion Ratio Lower Upper

77 100

97 21.1 11.6 34.8





#27

cis-1,2-Dichloroethene

Concen: 19.924 ug/l

RT: 7.327 min Scan# 1990

Delta R.T. 0.000 min

Lab File: VN070182.D

Acq: 17 Dec 2021 23:51

Instrument :

MSVOA_N

ClientSampleId :

VN1217WBS03

Tgt Ion: 96 Resp: 23928

Ion Ratio Lower Upper

96 100

61 163.0 0.0 275.0

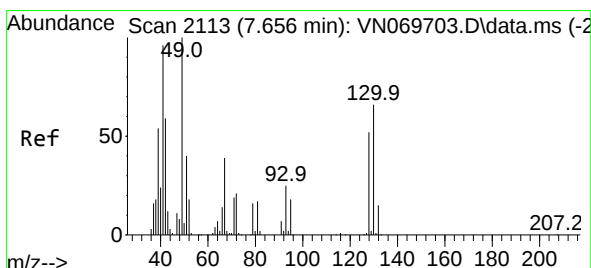
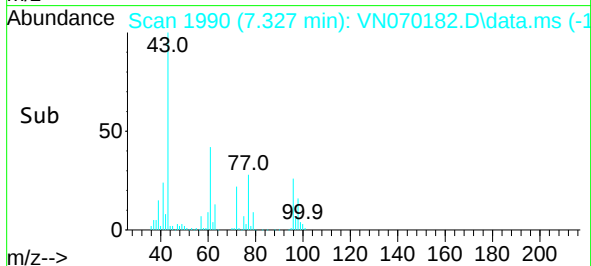
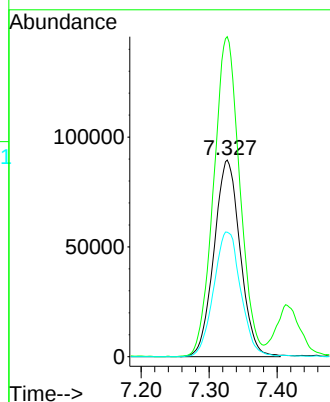
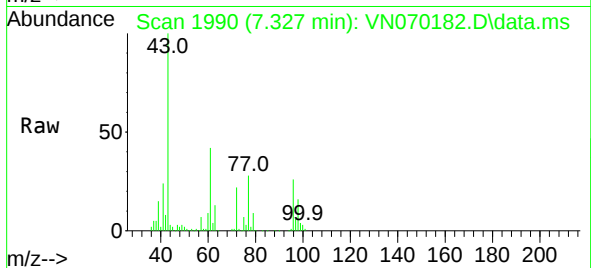
98 65.6 0.0 129.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2021

Supervised By :Mahesh Dadoda 12/23/2021



#28

Bromochloromethane

Concen: 16.924 ug/l

RT: 7.657 min Scan# 2113

Delta R.T. 0.000 min

Lab File: VN070182.D

Acq: 17 Dec 2021 23:51

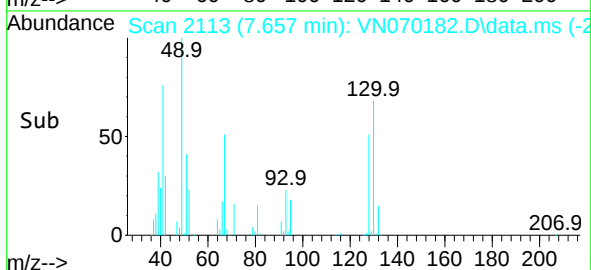
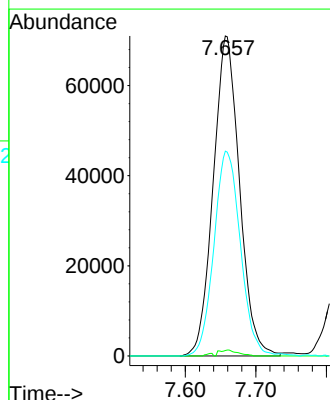
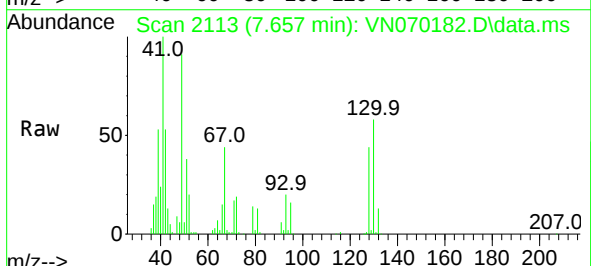
Tgt Ion: 49 Resp: 183758

Ion Ratio Lower Upper

49 100

129 0.9 0.0 4.0

130 64.3 67.8 101.8





#29

Tetrahydrofuran

Concen: 105.588 ug/l

RT: 7.689 min Scan# 2124

Delta R.T. 0.003 min

Lab File: VN070182.D

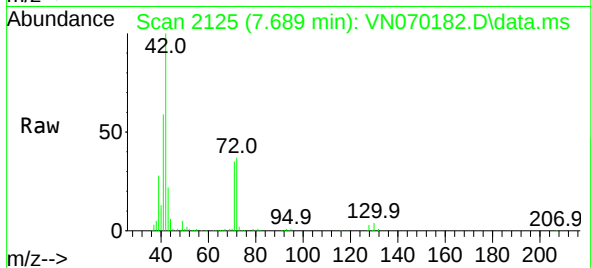
Acq: 17 Dec 2021 23:51

Instrument :

MSVOA_N

ClientSampleId :

VN1217WBS03



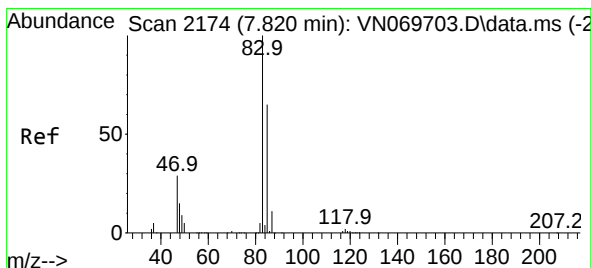
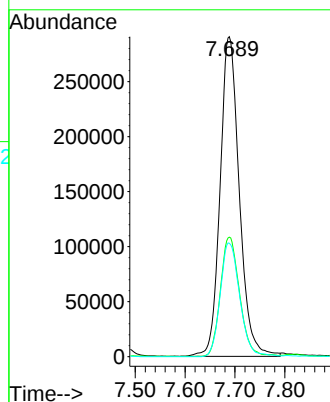
Tgt Ion:	42	Resp:	777370
Ion Ratio	100	Lower	Upper
42	100		
72	37.1	36.3	54.5
71	36.2	34.7	52.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2021

Supervised By :Mahesh Dadoda 12/23/2021



#30

Chloroform

Concen: 21.265 ug/l

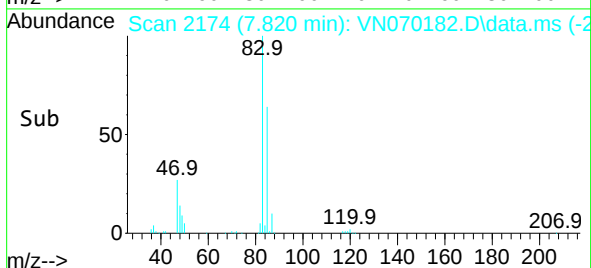
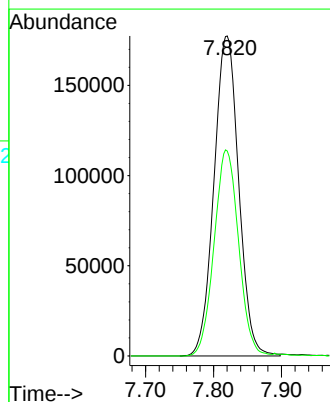
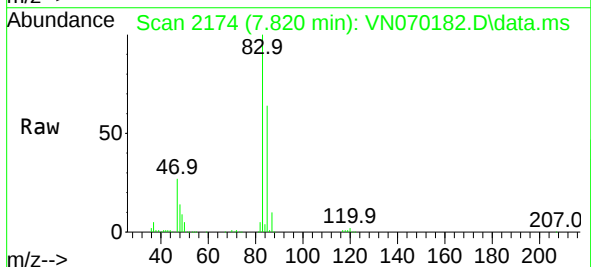
RT: 7.820 min Scan# 2174

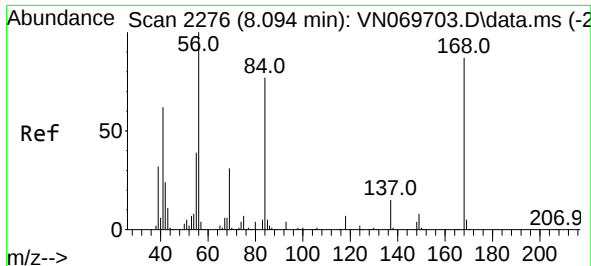
Delta R.T. 0.000 min

Lab File: VN070182.D

Acq: 17 Dec 2021 23:51

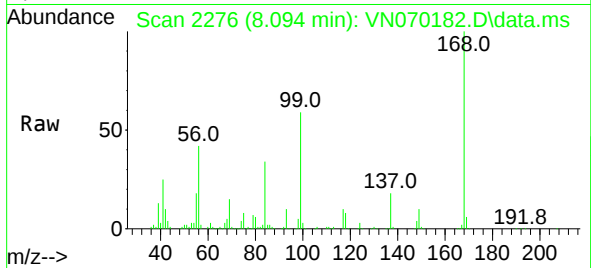
Tgt Ion:	83	Resp:	448409
Ion Ratio	100	Lower	Upper
83	100		
85	64.0	51.9	77.9





#31
Cyclohexane
Concen: 19.311 ug/l
RT: 8.094 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN070182.D
Acq: 17 Dec 2021 23:51

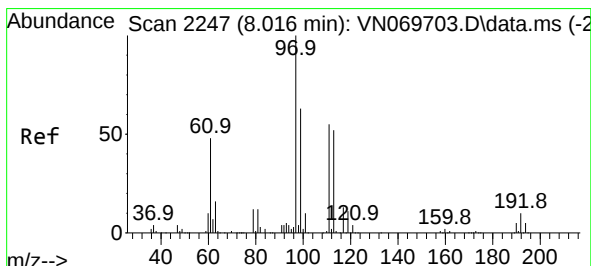
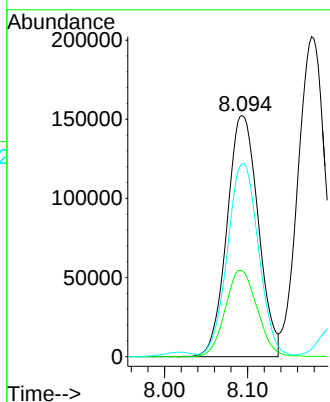
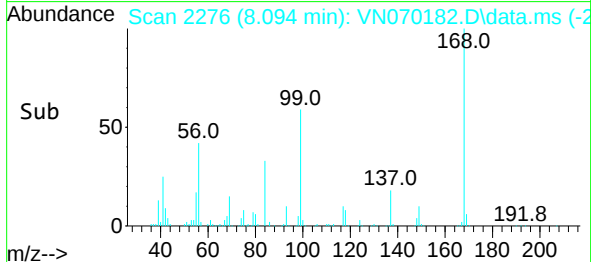
Instrument :
MSVOA_N
ClientSampleId :
VN1217WBS03



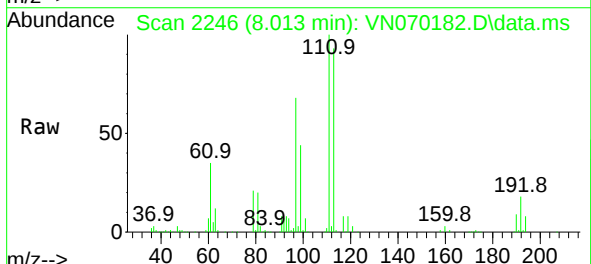
Tgt Ion: 56 Resp: 39865
Ion Ratio Lower Upper
56 100
69 35.6 27.1 40.7
84 78.4 73.4 110.0

Manual Integrations
APPROVED

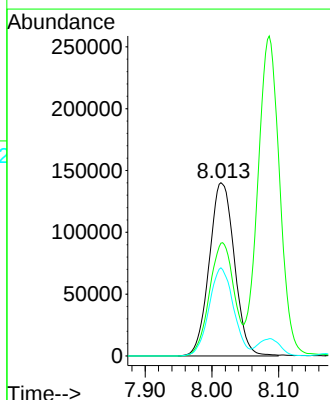
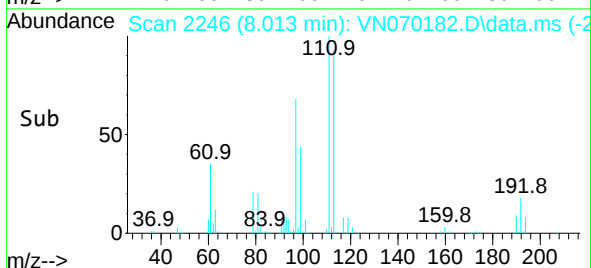
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/23/2021

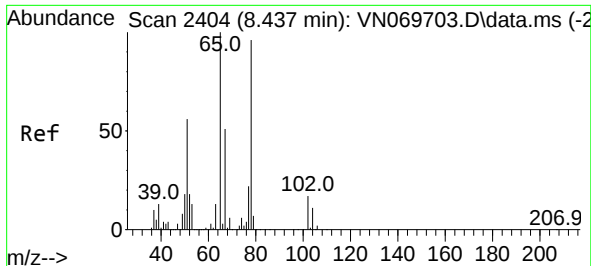


#32
1,1,1-Trichloroethane
Concen: 20.439 ug/l
RT: 8.013 min Scan# 2246
Delta R.T. -0.002 min
Lab File: VN070182.D
Acq: 17 Dec 2021 23:51



Tgt Ion: 97 Resp: 367135
Ion Ratio Lower Upper
97 100
99 63.3 50.1 75.1
61 49.6 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 55.319 ug/l

RT: 8.437 min Scan# 2404

Delta R.T. 0.000 min

Lab File: VN070182.D

Acq: 17 Dec 2021 23:51

Instrument :

MSVOA_N

ClientSampleId :

VN1217WBS03

Tgt Ion: 65 Resp: 820620

Ion Ratio Lower Upper

65 100

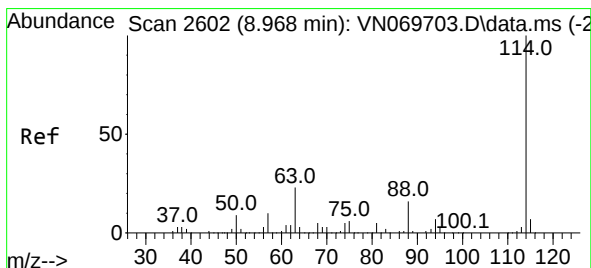
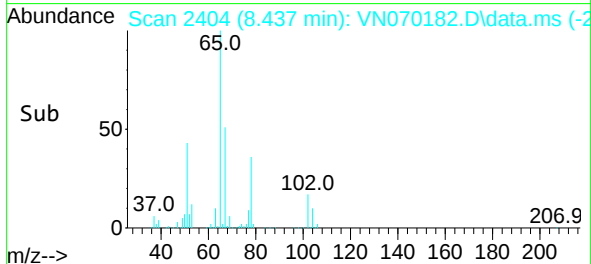
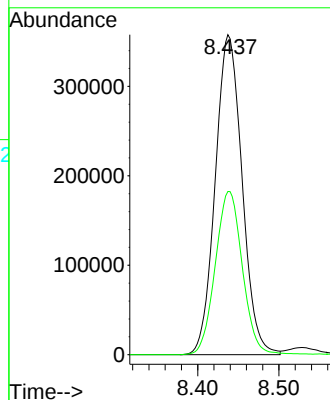
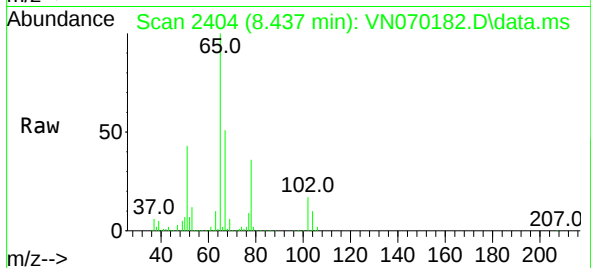
67 51.7 0.0 103.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2021

Supervised By :Mahesh Dadoda 12/23/2021



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.968 min Scan# 2602

Delta R.T. 0.000 min

Lab File: VN070182.D

Acq: 17 Dec 2021 23:51

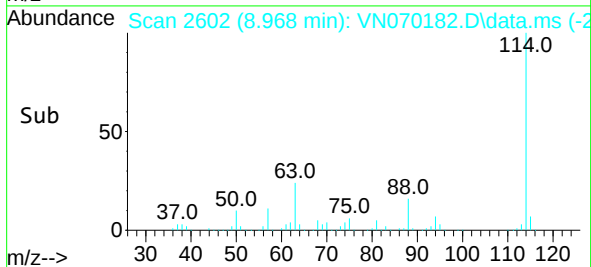
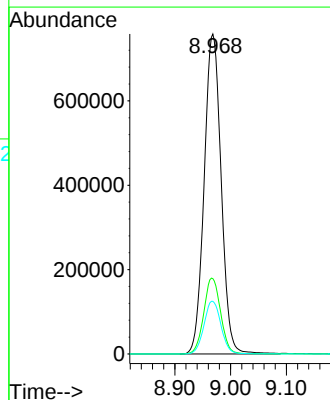
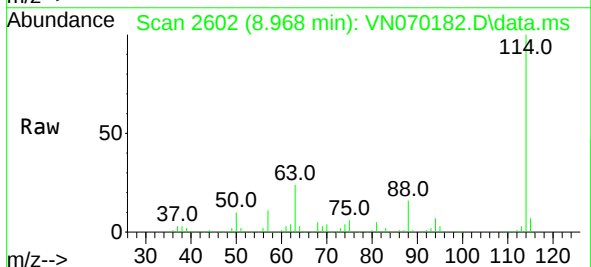
Tgt Ion:114 Resp: 1606965

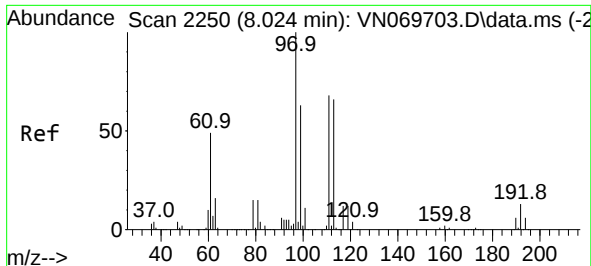
Ion Ratio Lower Upper

114 100

63 23.6 0.0 37.8

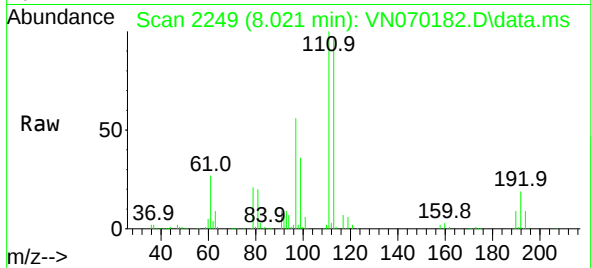
88 16.5 0.0 27.4





#35
Dibromofluoromethane
Concen: 55.485 ug/l
RT: 8.021 min Scan# 2249
Delta R.T. -0.002 min
Lab File: VN070182.D
Acq: 17 Dec 2021 23:51

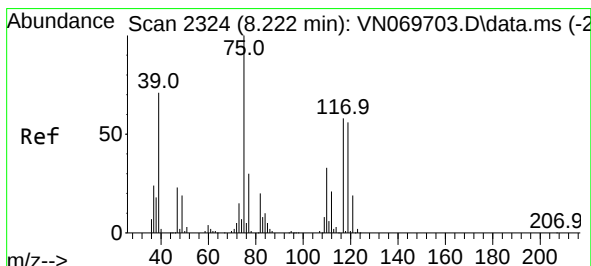
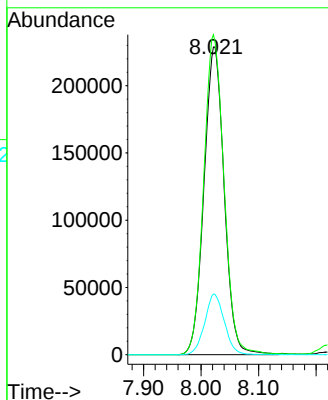
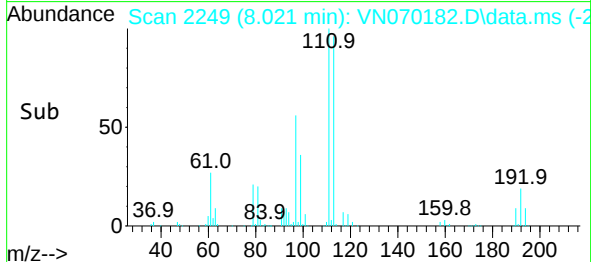
Instrument :
MSVOA_N
ClientSampleId :
VN1217WBS03



Tgt Ion: 113 Resp: 558494
Ion Ratio Lower Upper
113 100
111 104.3 82.2 123.2
192 19.1 16.9 25.3

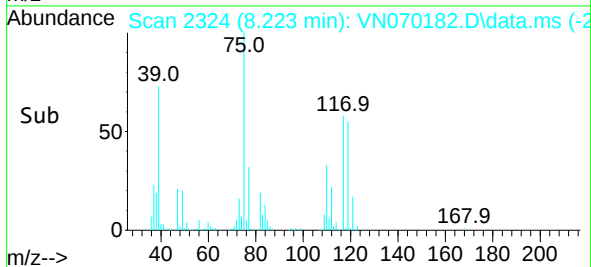
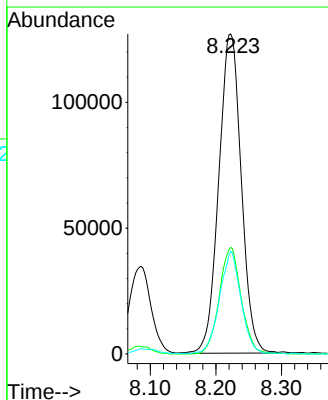
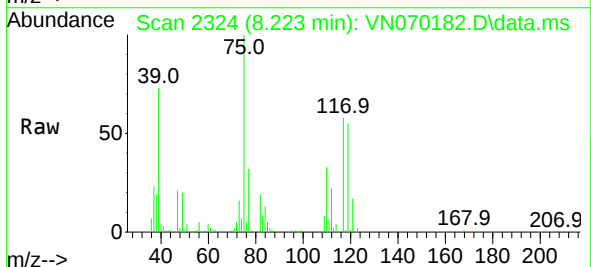
Manual Integrations
APPROVED

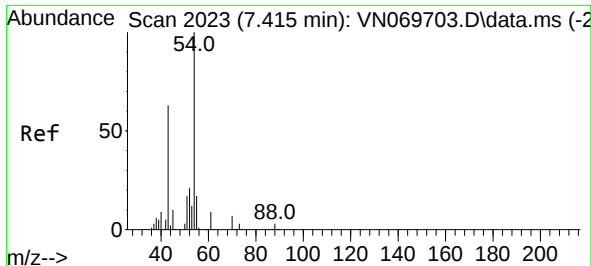
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/23/2021



#36
1,1-Dichloropropene
Concen: 19.748 ug/l
RT: 8.223 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VN070182.D
Acq: 17 Dec 2021 23:51

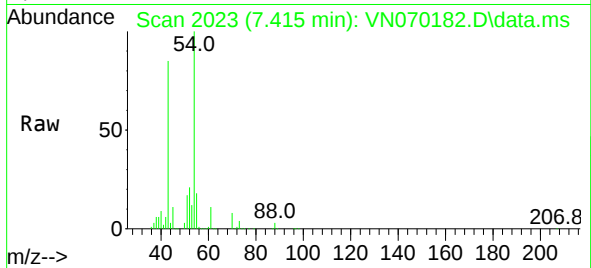
Tgt Ion: 75 Resp: 302103
Ion Ratio Lower Upper
75 100
110 32.6 18.4 55.2
77 30.3 24.4 36.6





#37
Ethyl Acetate
Concen: 20.124 ug/l
RT: 7.415 min Scan# 2023
Delta R.T. 0.000 min
Lab File: VN070182.D
Acq: 17 Dec 2021 23:51

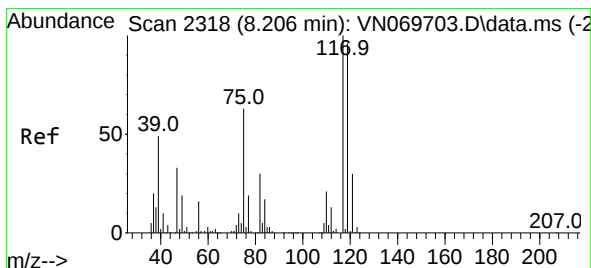
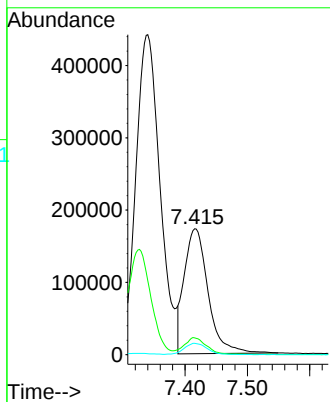
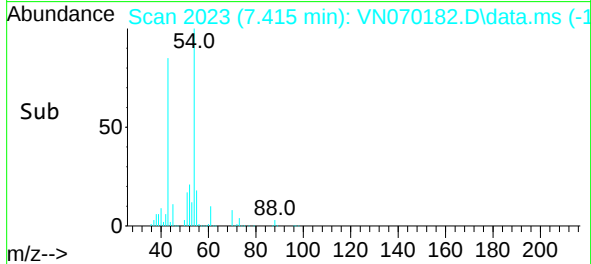
Instrument :
MSVOA_N
ClientSampleId :
VN1217WBS03



Tgt Ion: 43 Resp: 458209
Ion Ratio Lower Upper
43 100
61 11.9 11.5 17.3
70 8.6 7.9 11.9

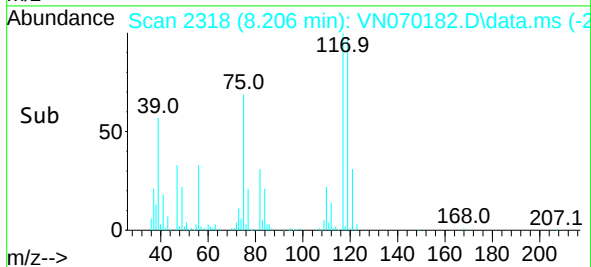
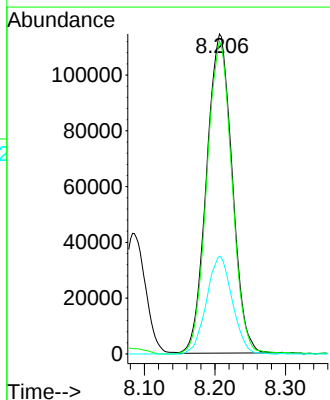
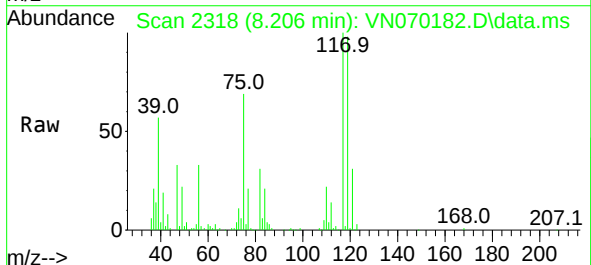
Manual Integrations
APPROVED

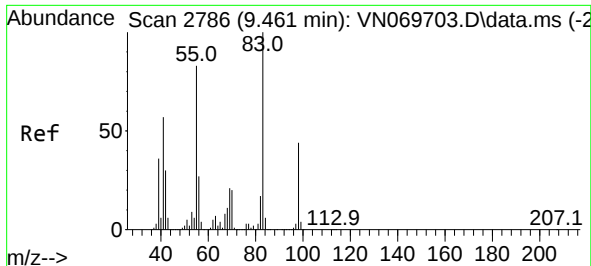
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/23/2021



#38
Carbon Tetrachloride
Concen: 19.264 ug/l
RT: 8.206 min Scan# 2318
Delta R.T. 0.000 min
Lab File: VN070182.D
Acq: 17 Dec 2021 23:51

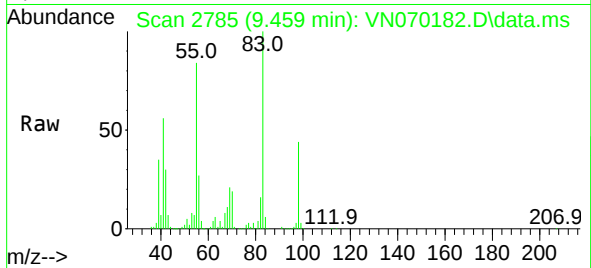
Tgt Ion:117 Resp: 288981
Ion Ratio Lower Upper
117 100
119 97.8 76.1 114.1
121 30.6 24.2 36.2





#39
Methylcyclohexane
Concen: 18.673 ug/l
RT: 9.459 min Scan# 21
Delta R.T. -0.002 min
Lab File: VN070182.D
Acq: 17 Dec 2021 23:51

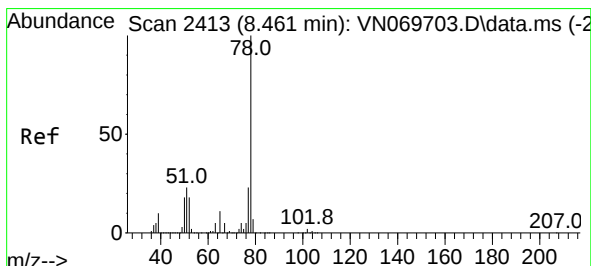
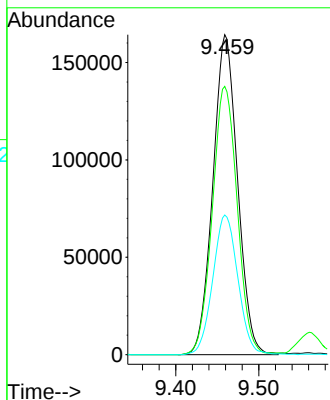
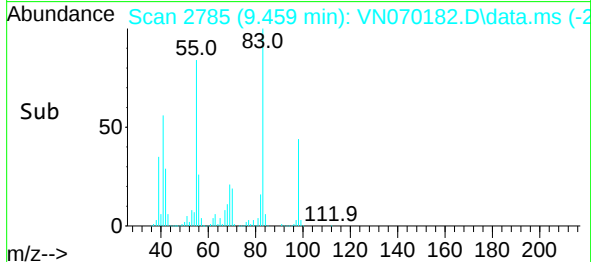
Instrument :
MSVOA_N
ClientSampleId :
VN1217WBS03



Tgt Ion: 83 Resp: 33977
Ion Ratio Lower Upper
83 100
55 83.9 58.1 87.1
98 43.7 38.4 57.6

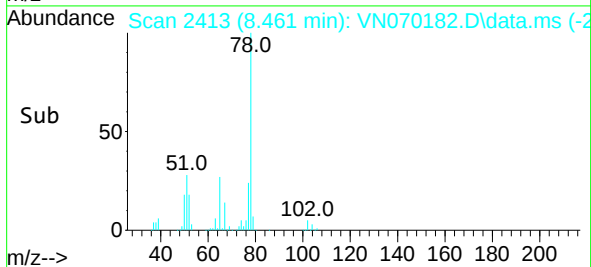
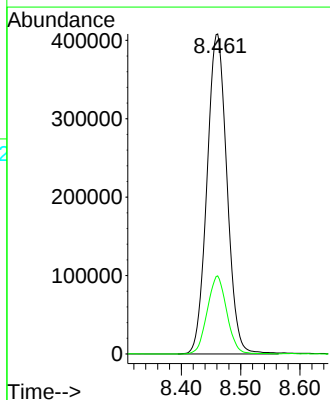
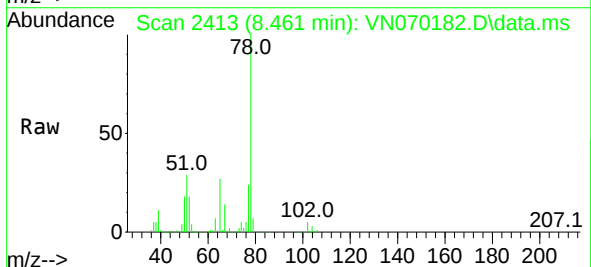
Manual Integrations
APPROVED

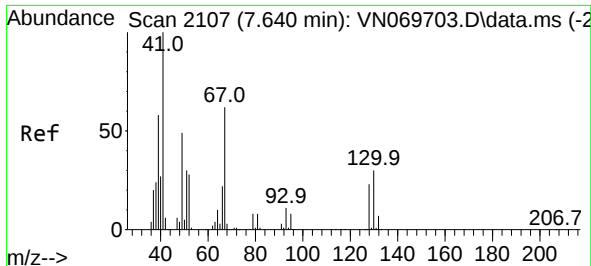
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/23/2021



#40
Benzene
Concen: 20.353 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. 0.000 min
Lab File: VN070182.D
Acq: 17 Dec 2021 23:51

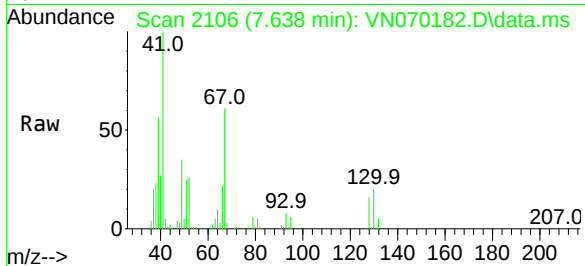
Tgt Ion: 78 Resp: 951680
Ion Ratio Lower Upper
78 100
77 24.4 18.6 27.8





#41
Methacrylonitrile
Concen: 21.577 ug/l
RT: 7.638 min Scan# 2106
Delta R.T. -0.002 min
Lab File: VN070182.D
Acq: 17 Dec 2021 23:51

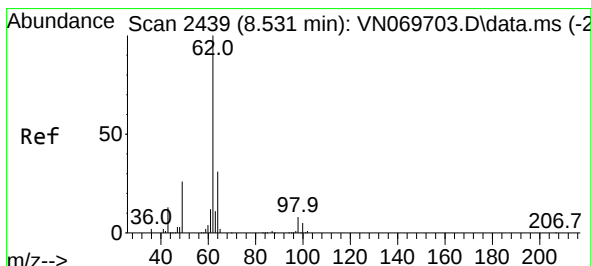
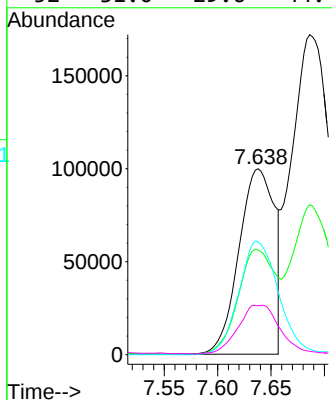
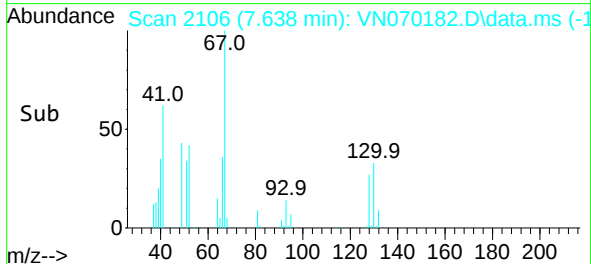
Instrument :
MSVOA_N
ClientSampleId :
VN1217WBS03



Tgt Ion: 41 Resp: 23062
Ion Ratio Lower Upper
41 100
39 59.5 48.1 72.1
67 70.0 68.3 102.5
52 31.0 29.6 44.4

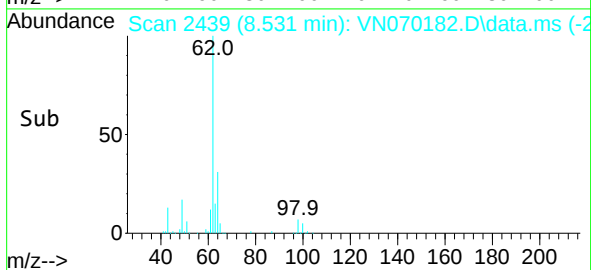
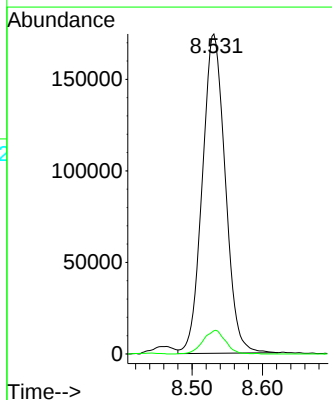
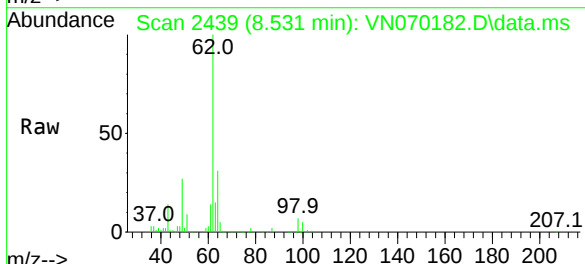
Manual Integrations
APPROVED

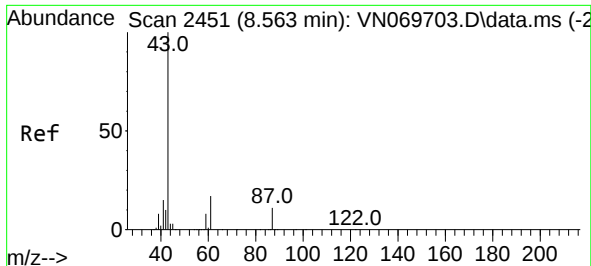
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/23/2021



#42
1,2-Dichloroethane
Concen: 20.873 ug/l
RT: 8.531 min Scan# 2439
Delta R.T. 0.000 min
Lab File: VN070182.D
Acq: 17 Dec 2021 23:51

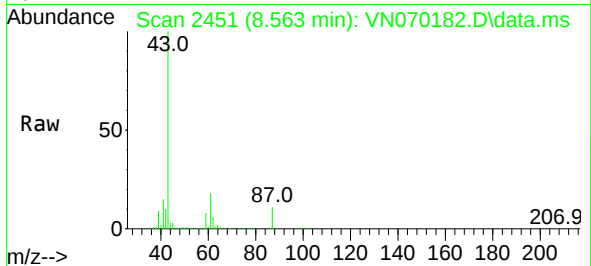
Tgt Ion: 62 Resp: 393988
Ion Ratio Lower Upper
62 100
98 7.2 0.0 17.6





#43
Isopropyl Acetate
Concen: 21.240 ug/l
RT: 8.563 min Scan# 2451
Delta R.T. 0.000 min
Lab File: VN070182.D
Acq: 17 Dec 2021 23:51

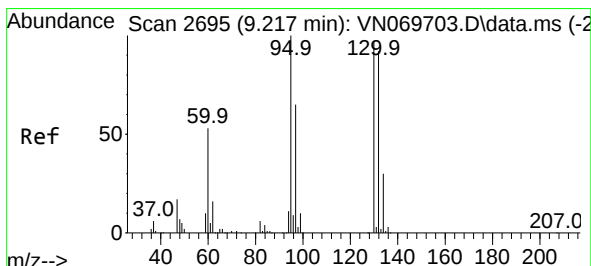
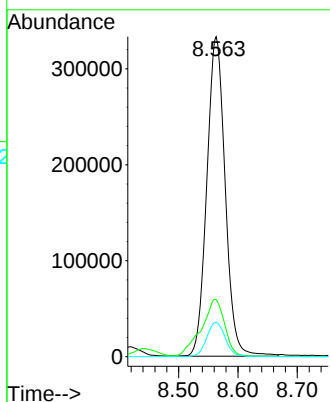
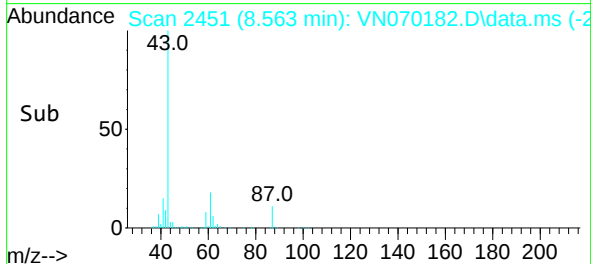
Instrument :
MSVOA_N
ClientSampleId :
VN1217WBS03



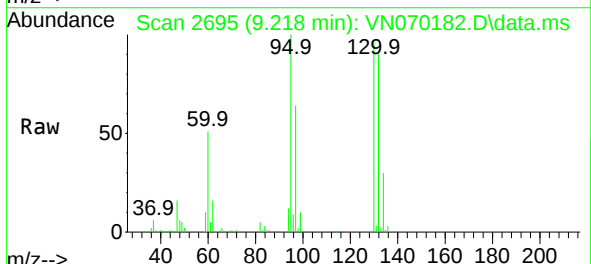
Tgt Ion: 43 Resp: 715679
Ion Ratio Lower Upper
43 100
61 22.8 20.4 30.6
87 10.9 11.2 16.8

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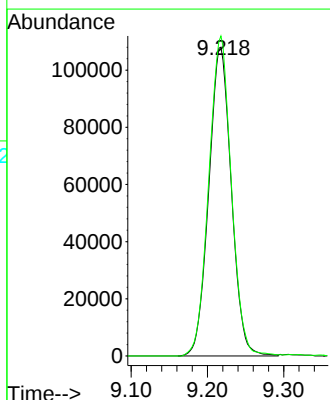
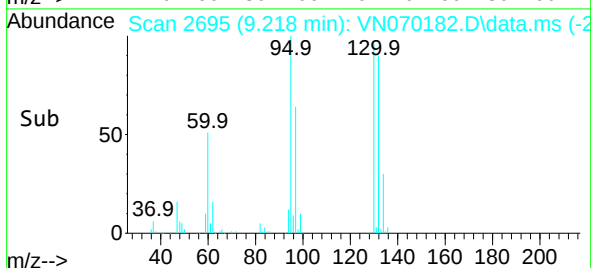
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/23/2021

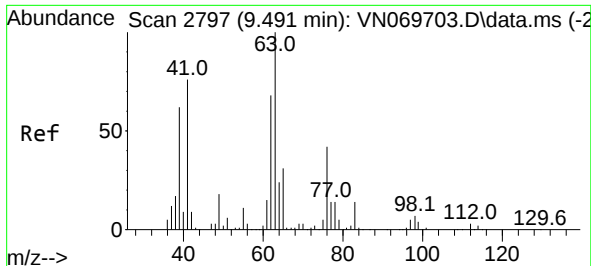


#44
Trichloroethene
Concen: 19.853 ug/l
RT: 9.218 min Scan# 2695
Delta R.T. 0.001 min
Lab File: VN070182.D
Acq: 17 Dec 2021 23:51



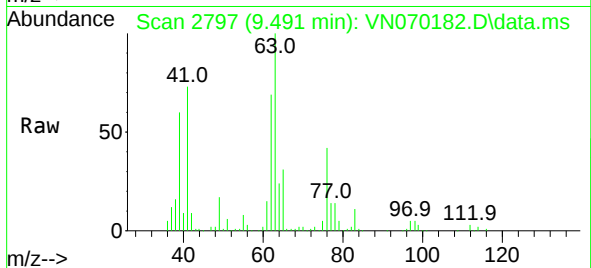
Tgt Ion:130 Resp: 221567
Ion Ratio Lower Upper
130 100
95 103.6 0.0 191.2





#45
1,2-Dichloropropane
Concen: 20.999 ug/l
RT: 9.491 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN070182.D
Acq: 17 Dec 2021 23:51

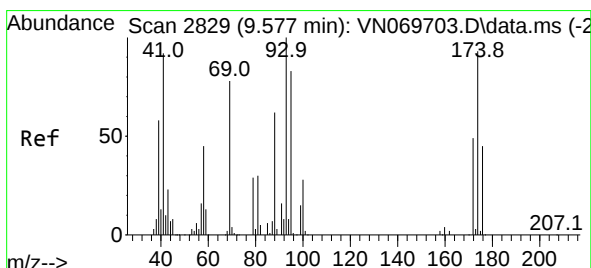
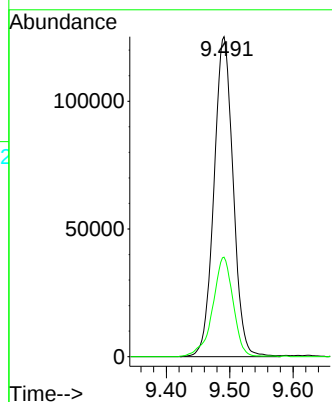
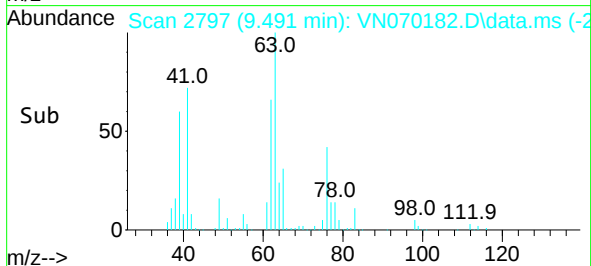
Instrument :
MSVOA_N
ClientSampleId :
VN1217WBS03



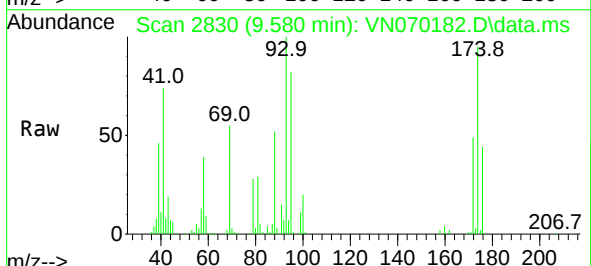
Tgt Ion: 63 Resp: 26368
Ion Ratio Lower Upper
63 100
65 31.1 24.7 37.1

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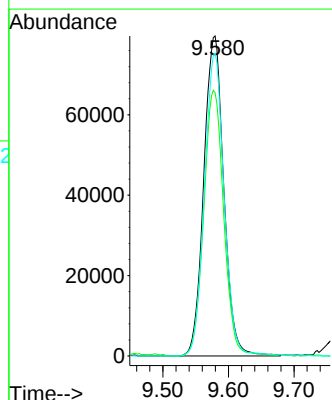
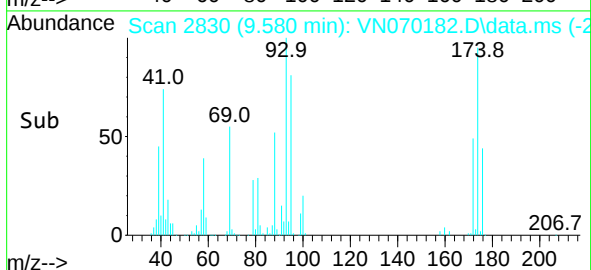
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/23/2021



#46
Dibromomethane
Concen: 20.479 ug/l
RT: 9.580 min Scan# 2830
Delta R.T. 0.003 min
Lab File: VN070182.D
Acq: 17 Dec 2021 23:51



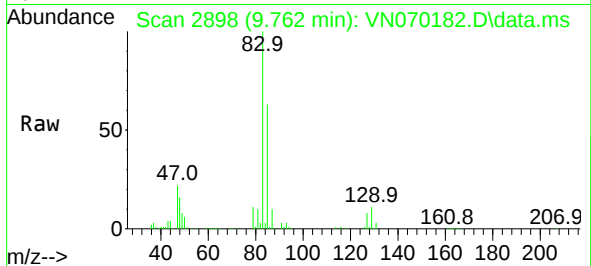
Tgt Ion: 93 Resp: 168646
Ion Ratio Lower Upper
93 100
95 82.8 65.9 98.9
174 93.1 84.6 127.0





#47
Bromodichloromethane
Concen: 20.909 ug/l
RT: 9.762 min Scan# 2898
Delta R.T. 0.000 min
Lab File: VN070182.D
Acq: 17 Dec 2021 23:51

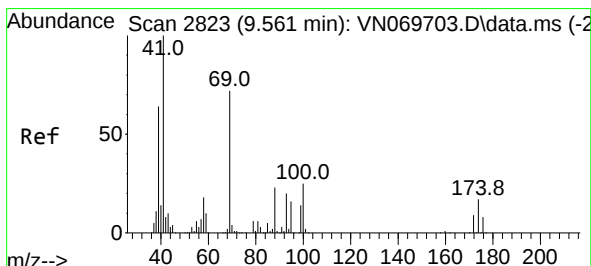
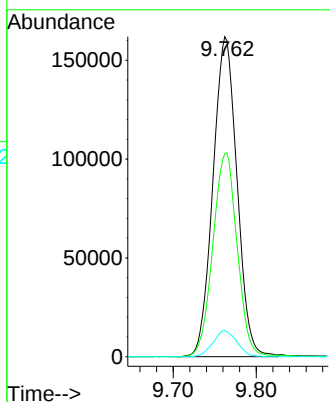
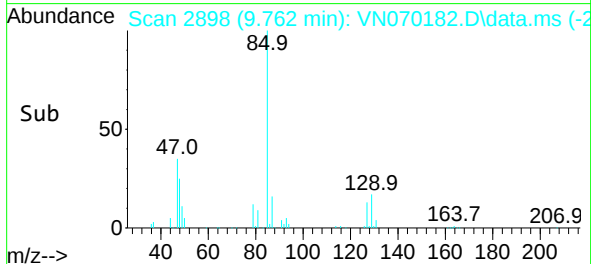
Instrument :
MSVOA_N
ClientSampleId :
VN1217WBS03



Tgt Ion: 83 Resp: 326008
Ion Ratio Lower Upper
83 100
85 63.4 50.9 76.3
127 8.2 7.1 10.7

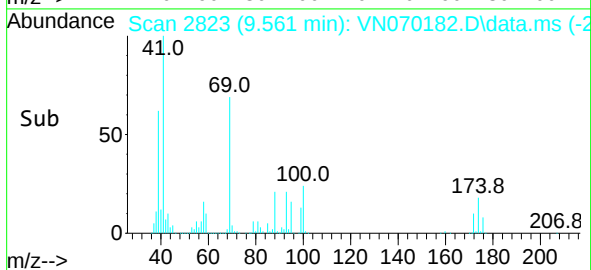
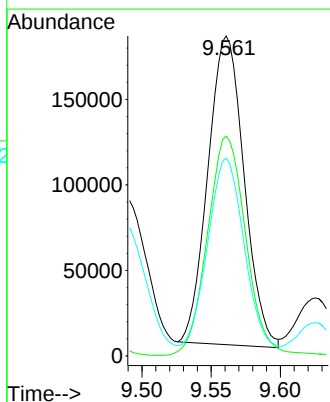
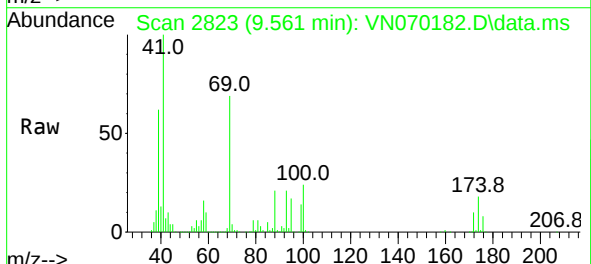
Manual Integrations
APPROVED

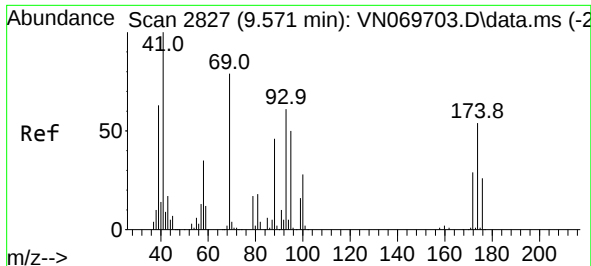
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/23/2021



#48
Methyl methacrylate
Concen: 20.828 ug/l
RT: 9.561 min Scan# 2823
Delta R.T. -0.000 min
Lab File: VN070182.D
Acq: 17 Dec 2021 23:51

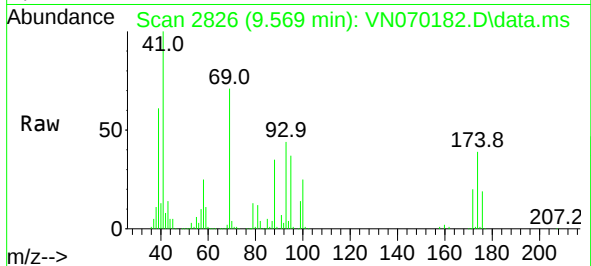
Tgt Ion: 41 Resp: 327510
Ion Ratio Lower Upper
41 100
69 75.4 72.4 108.6
39 66.9 58.4 87.6





#49
1,4-Dioxane
Concen: 394.036 ug/l
RT: 9.569 min Scan# 211174
Delta R.T. -0.002 min
Lab File: VN070182.D
Acq: 17 Dec 2021 23:51

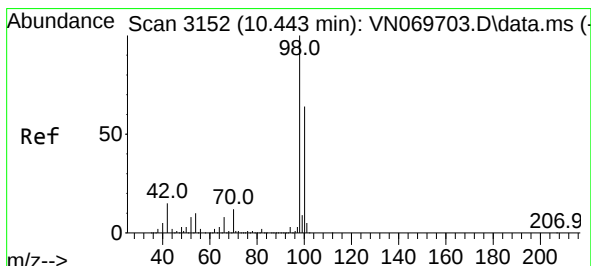
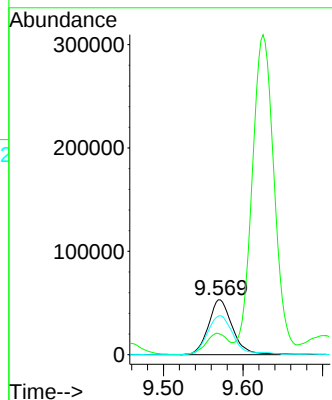
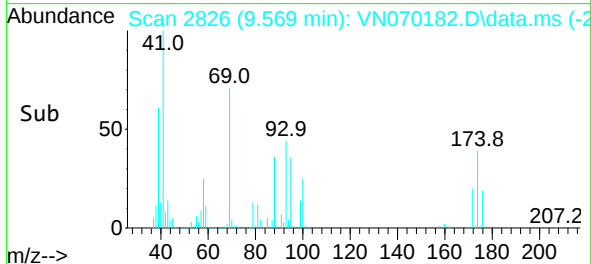
Instrument :
MSVOA_N
ClientSampleId :
VN1217WBS03



Tgt Ion: 88 Resp: 111174
Ion Ratio Lower Upper
88 100
43 36.2 23.4 35.2
58 77.5 50.6 75.8

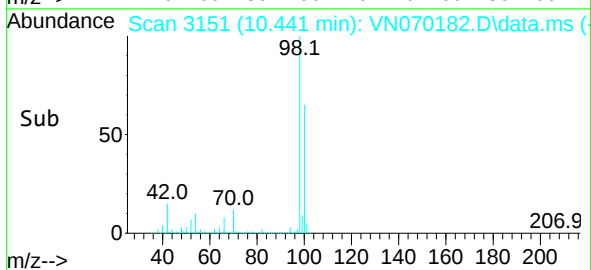
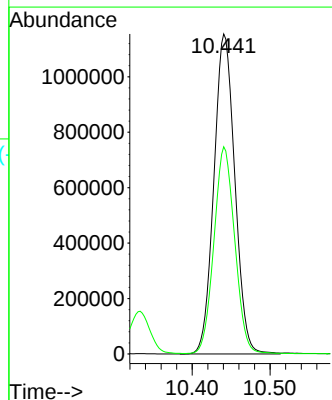
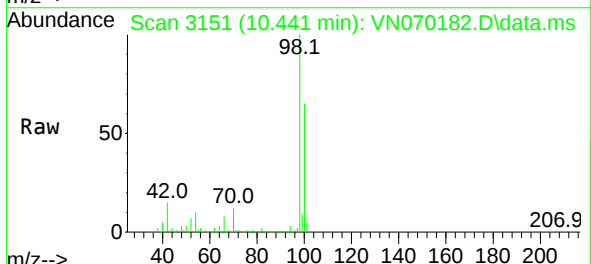
Manual Integrations
APPROVED

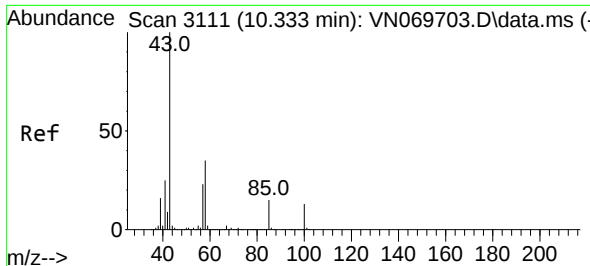
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/23/2021



#50
Toluene-d8
Concen: 53.295 ug/l
RT: 10.441 min Scan# 3151
Delta R.T. -0.002 min
Lab File: VN070182.D
Acq: 17 Dec 2021 23:51

Tgt Ion: 98 Resp: 2154006
Ion Ratio Lower Upper
98 100
100 64.3 50.4 75.6





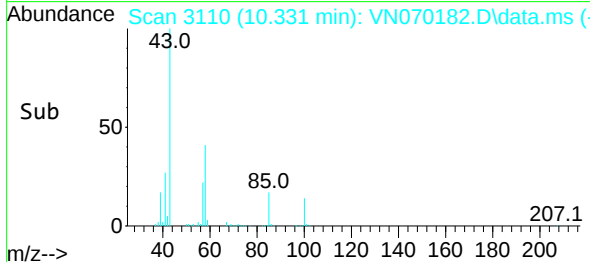
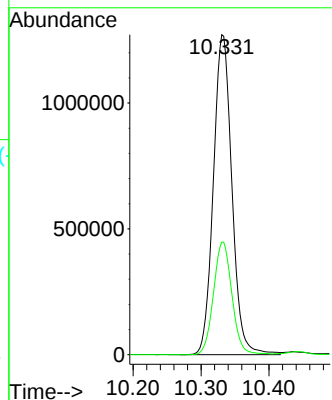
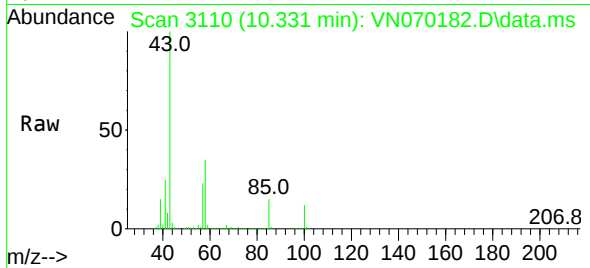
#51
4-Methyl-2-Pentanone
Concen: 110.164 ug/l
RT: 10.331 min Scan# 3111
Delta R.T. -0.002 min
Lab File: VN070182.D
Acq: 17 Dec 2021 23:51

Instrument :
MSVOA_N
ClientSampleId :
VN1217WBS03

Tgt Ion: 43 Resp: 2408004
Ion Ratio Lower Upper
43 100
58 35.1 30.4 45.6

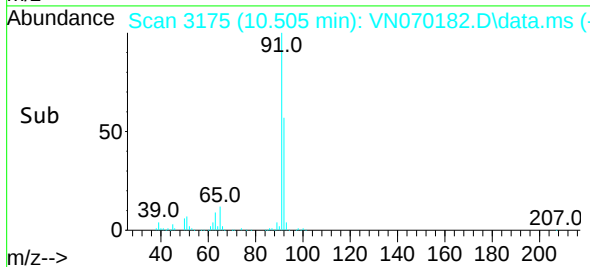
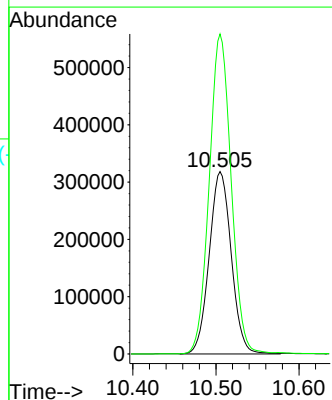
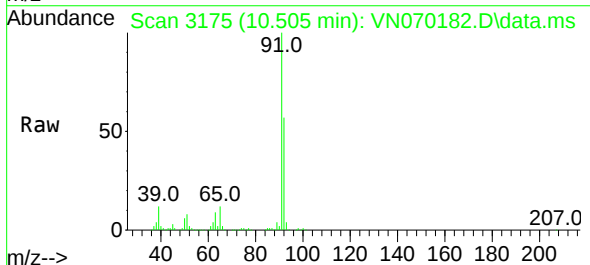
Manual Integrations
APPROVED

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



#52
Toluene
Concen: 20.568 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.002 min
Lab File: VN070182.D
Acq: 17 Dec 2021 23:51

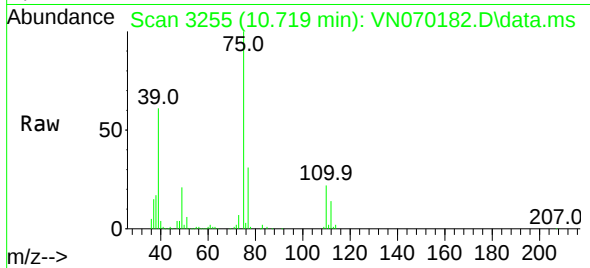
Tgt Ion: 92 Resp: 587163
Ion Ratio Lower Upper
92 100
91 174.0 142.0 213.0





#53
t-1,3-Dichloropropene
Concen: 19.598 ug/l
RT: 10.719 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN070182.D
Acq: 17 Dec 2021 23:51

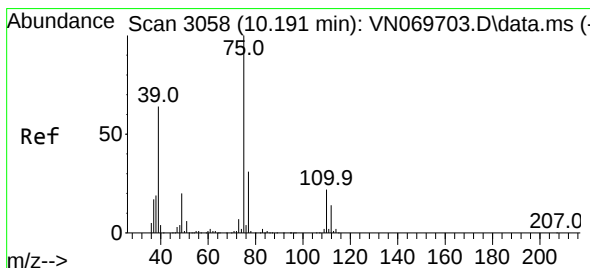
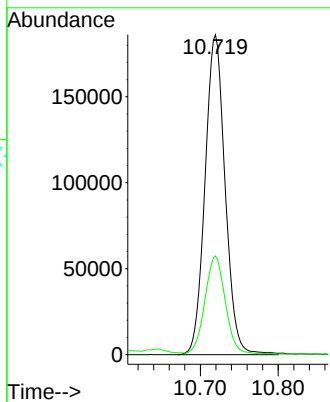
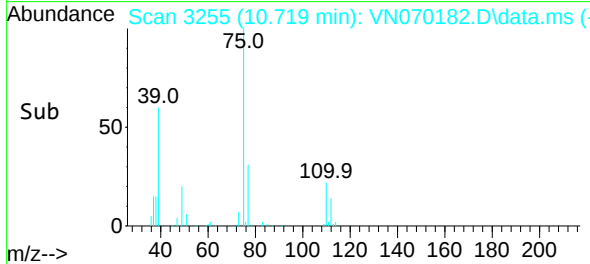
Instrument :
MSVOA_N
ClientSampleId :
VN1217WBS03



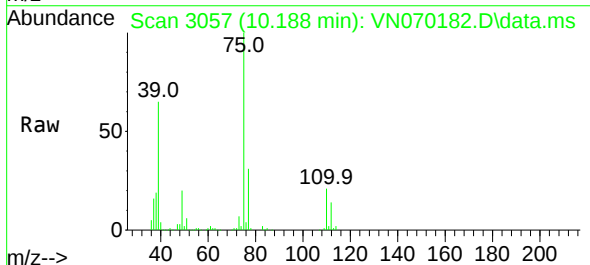
Tgt Ion: 75 Resp: 33382
Ion Ratio Lower Upper
75 100
77 30.6 25.6 38.4

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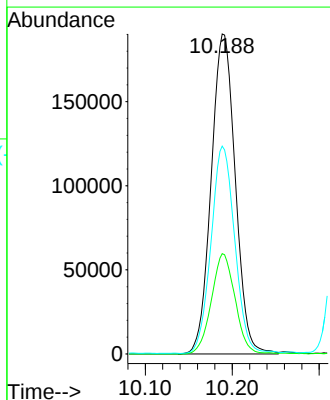
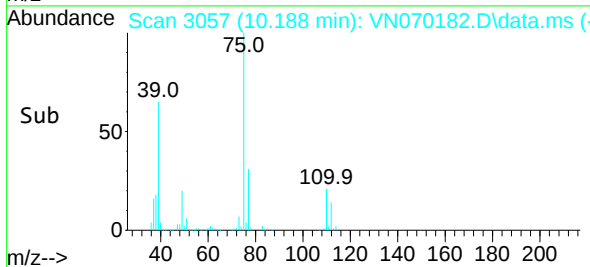
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/23/2021

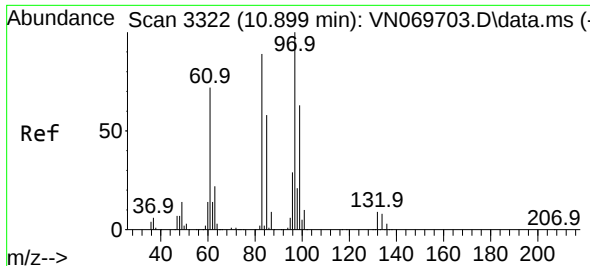


#54
cis-1,3-Dichloropropene
Concen: 19.868 ug/l
RT: 10.188 min Scan# 3057
Delta R.T. -0.003 min
Lab File: VN070182.D
Acq: 17 Dec 2021 23:51



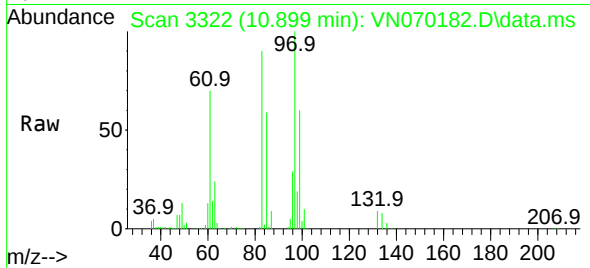
Tgt Ion: 75 Resp: 366380
Ion Ratio Lower Upper
75 100
77 31.4 26.4 39.6
39 64.7 42.5 63.7#





#55
1,1,2-Trichloroethane
Concen: 21.068 ug/l
RT: 10.899 min Scan# 3322
Delta R.T. 0.000 min
Lab File: VN070182.D
Acq: 17 Dec 2021 23:51

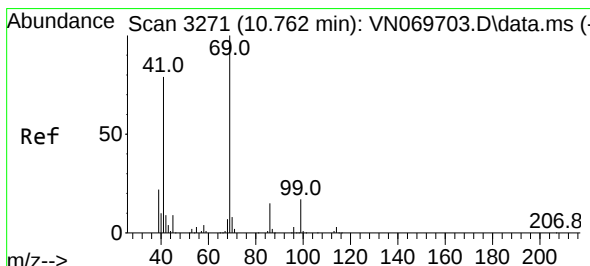
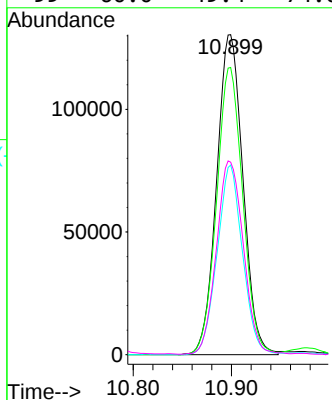
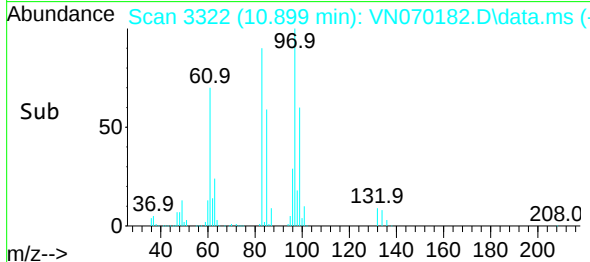
Instrument :
MSVOA_N
ClientSampleId :
VN1217WBS03



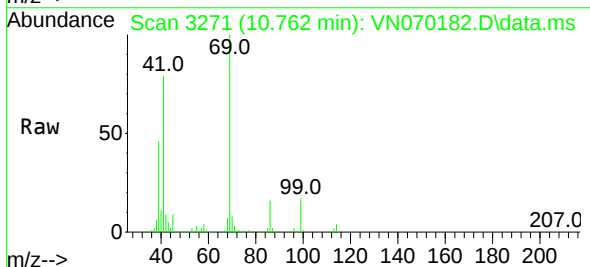
Tgt Ion: 97 Resp: 242668
Ion Ratio Lower Upper
97 100
83 89.8 67.8 101.6
85 59.1 45.4 68.2
99 60.0 49.4 74.0

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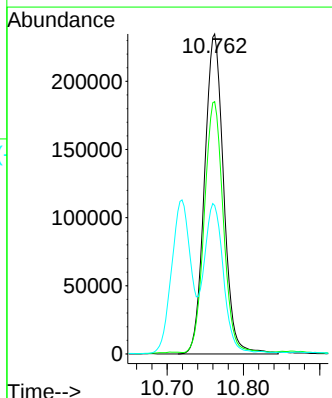
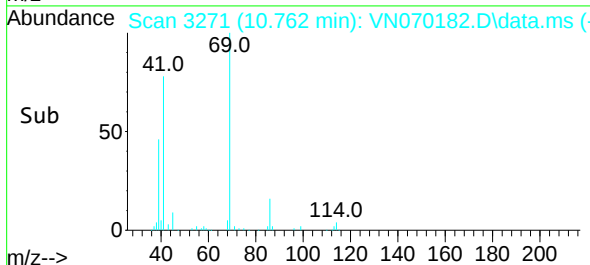
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/23/2021

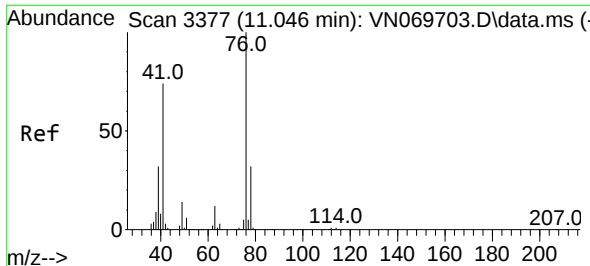


#56
Ethyl methacrylate
Concen: 20.237 ug/l
RT: 10.762 min Scan# 3271
Delta R.T. 0.000 min
Lab File: VN070182.D
Acq: 17 Dec 2021 23:51



Tgt Ion: 69 Resp: 408932
Ion Ratio Lower Upper
69 100
41 77.4 51.4 77.0#
39 45.4 34.6 52.0





#57

1,3-Dichloropropane

Concen: 21.260 ug/l

RT: 11.044 min Scan# 31

Delta R.T. -0.002 min

Lab File: VN070182.D

Acq: 17 Dec 2021 23:51

Instrument :

MSVOA_N

ClientSampleId :

VN1217WBS03

Tgt Ion: 76 Resp: 431174

Ion Ratio Lower Upper

76 100

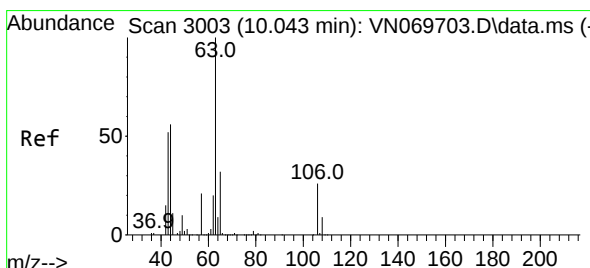
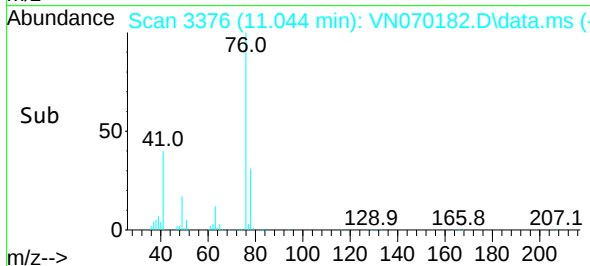
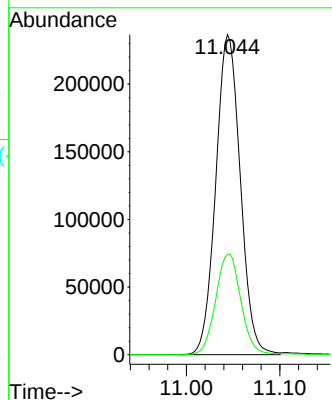
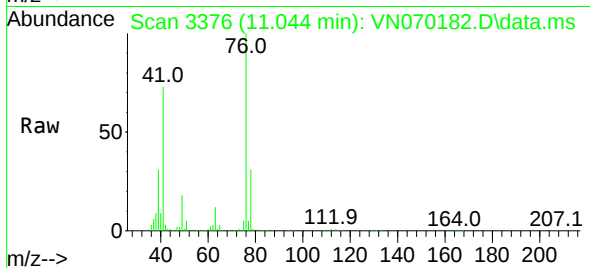
78 32.6 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2021

Supervised By :Mahesh Dadoda 12/23/2021



#58

2-Chloroethyl Vinyl ether

Concen: 106.067 ug/l

RT: 10.041 min Scan# 3002

Delta R.T. -0.002 min

Lab File: VN070182.D

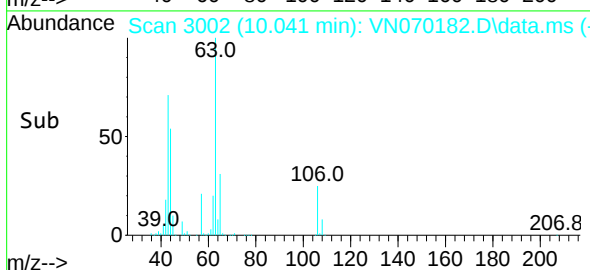
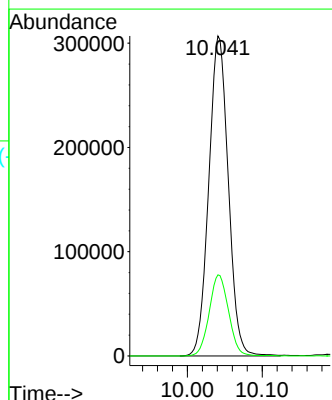
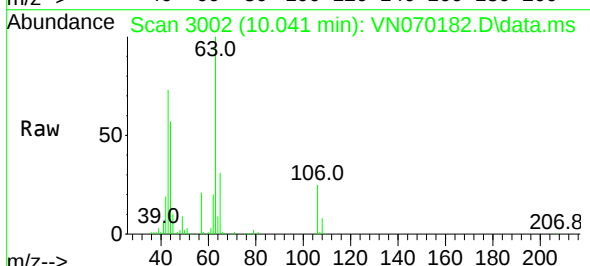
Acq: 17 Dec 2021 23:51

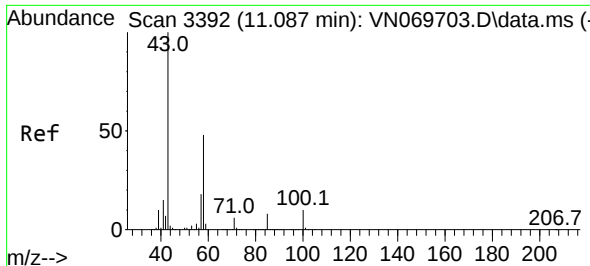
Tgt Ion: 63 Resp: 555439

Ion Ratio Lower Upper

63 100

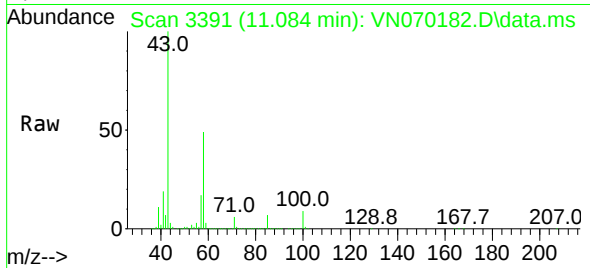
106 25.2 23.9 35.9





#59
2-Hexanone
Concen: 104.467 ug/l
RT: 11.084 min Scan# 3392
Delta R.T. -0.003 min
Lab File: VN070182.D
Acq: 17 Dec 2021 23:51

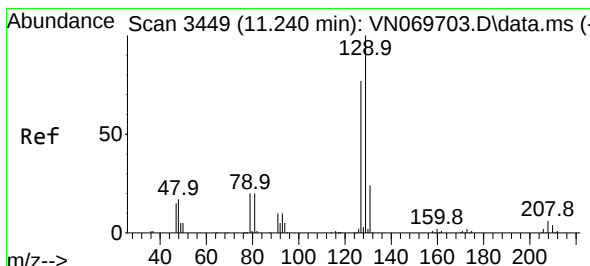
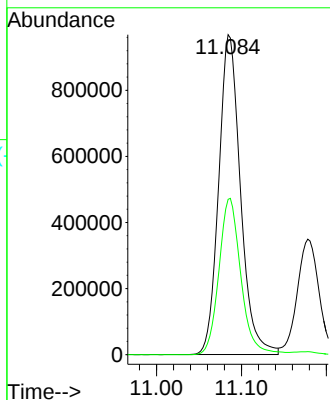
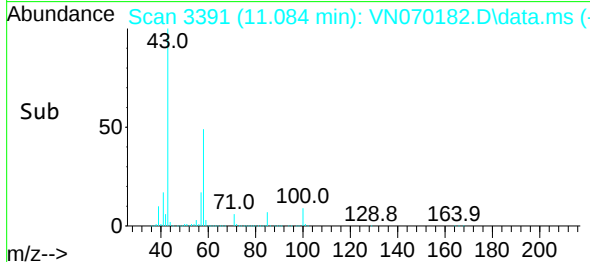
Instrument :
MSVOA_N
ClientSampleId :
VN1217WBS03



Tgt Ion: 43 Resp: 172738
Ion Ratio Lower Upper
43 100
58 49.1 26.9 80.7

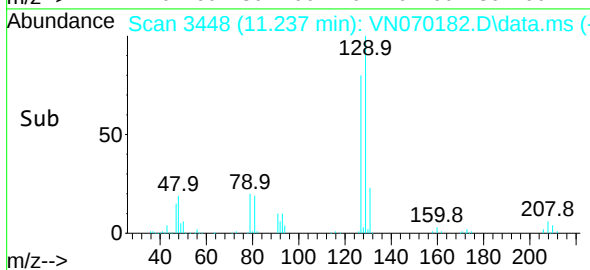
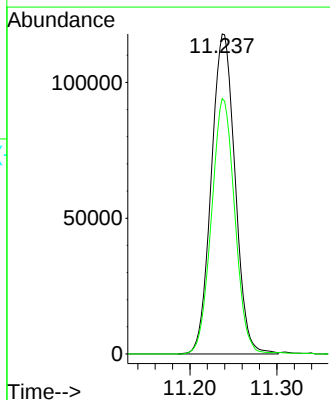
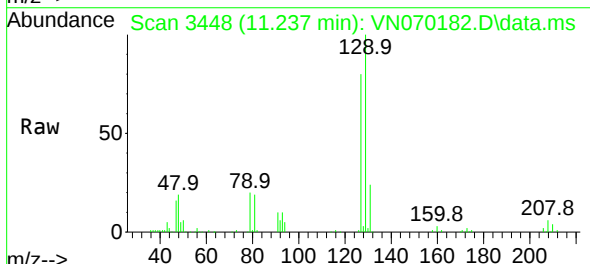
Manual Integrations
APPROVED

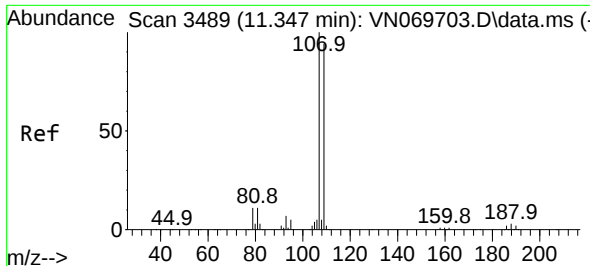
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/23/2021



#60
Dibromochloromethane
Concen: 19.643 ug/l
RT: 11.237 min Scan# 3448
Delta R.T. -0.003 min
Lab File: VN070182.D
Acq: 17 Dec 2021 23:51

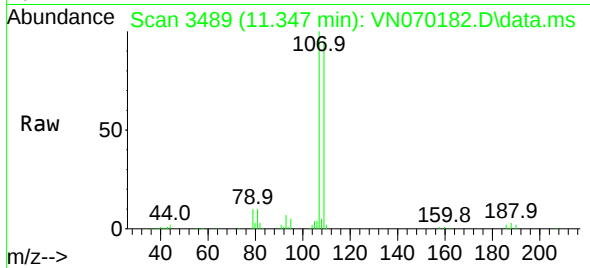
Tgt Ion:129 Resp: 223728
Ion Ratio Lower Upper
129 100
127 78.2 38.6 116.0





#61
1,2-Dibromoethane
Concen: 20.145 ug/l
RT: 11.347 min Scan# 3489
Delta R.T. 0.000 min
Lab File: VN070182.D
Acq: 17 Dec 2021 23:51

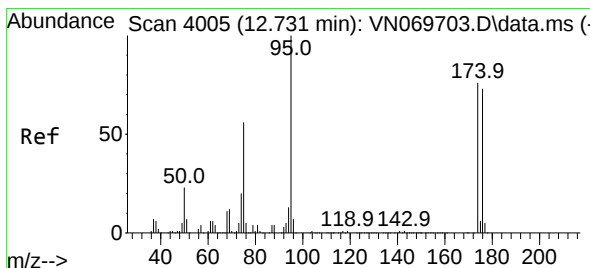
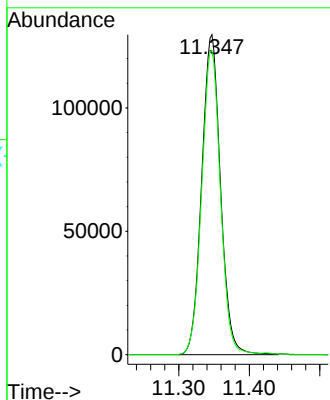
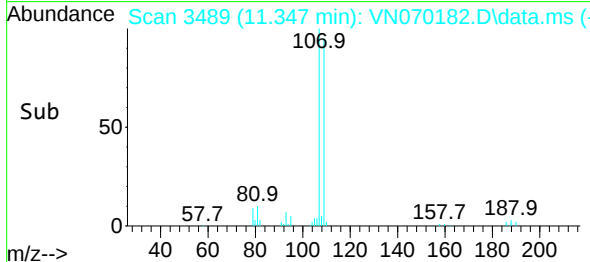
Instrument :
MSVOA_N
ClientSampleId :
VN1217WBS03



Tgt Ion:107 Resp: 240334
Ion Ratio Lower Upper
107 100
109 94.6 75.7 113.5

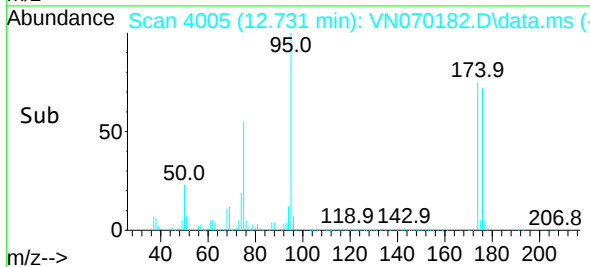
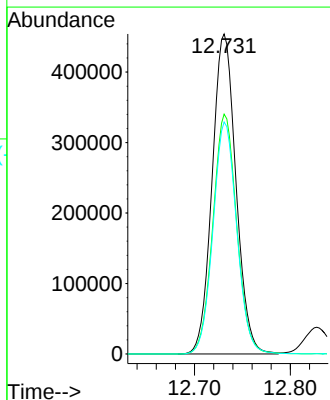
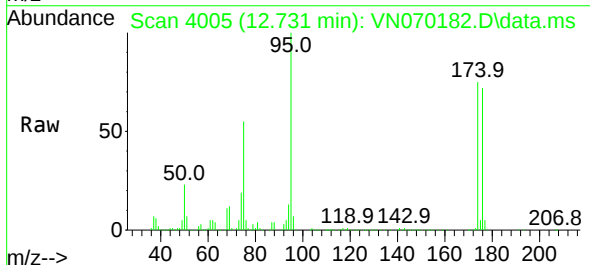
Manual Integrations
APPROVED

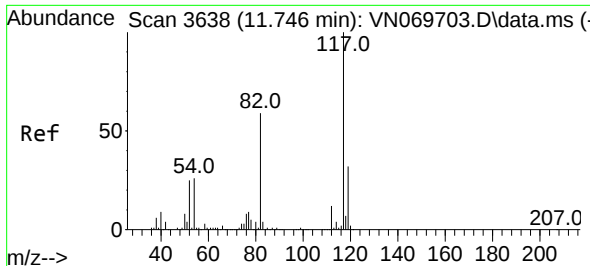
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/23/2021



#62
4-Bromofluorobenzene
Concen: 53.495 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070182.D
Acq: 17 Dec 2021 23:51

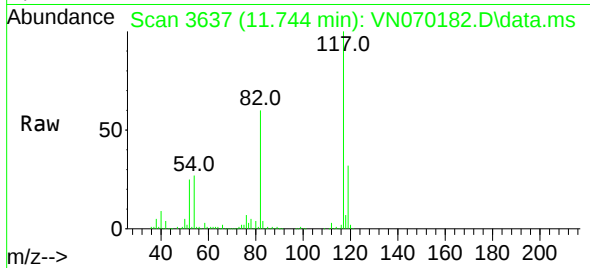
Tgt Ion: 95 Resp: 783284
Ion Ratio Lower Upper
95 100
174 75.0 0.0 187.2
176 72.2 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3638
Delta R.T. -0.002 min
Lab File: VN070182.D
Acq: 17 Dec 2021 23:51

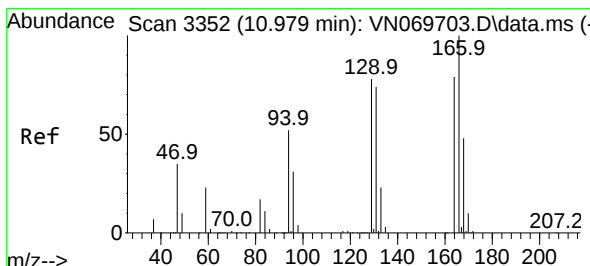
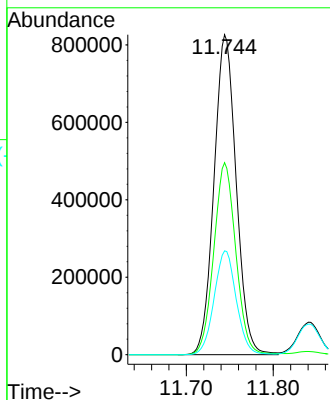
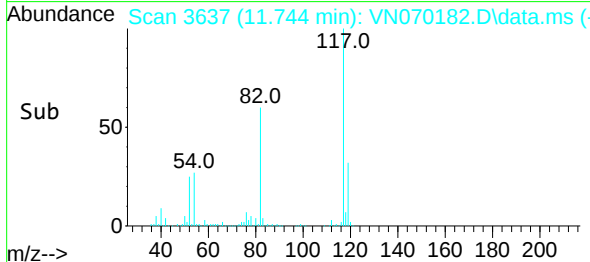
Instrument :
MSVOA_N
ClientSampleId :
VN1217WBS03



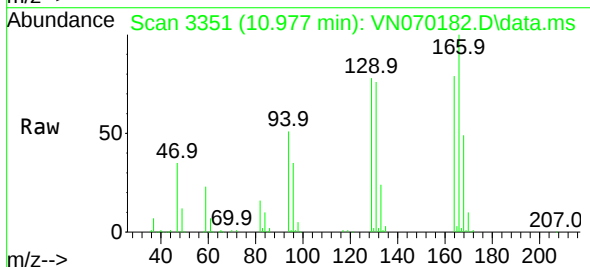
Tgt Ion:117 Resp: 1466520
Ion Ratio Lower Upper
117 100
82 60.0 42.4 63.6
119 32.5 25.4 38.2

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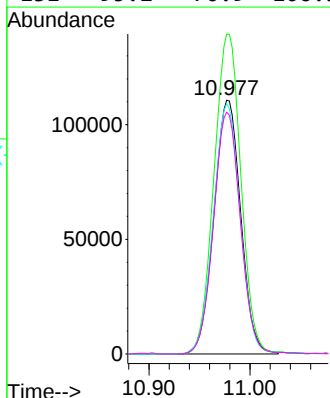
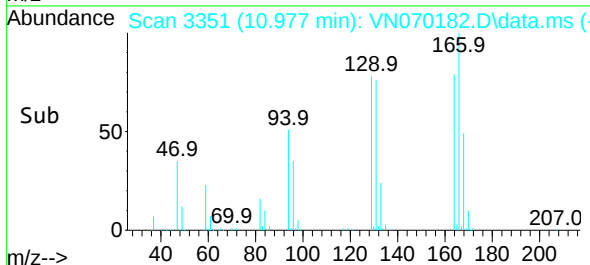
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/23/2021

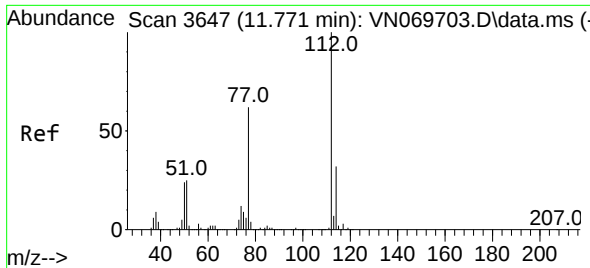


#64
Tetrachloroethene
Concen: 20.503 ug/l
RT: 10.977 min Scan# 3351
Delta R.T. -0.002 min
Lab File: VN070182.D
Acq: 17 Dec 2021 23:51



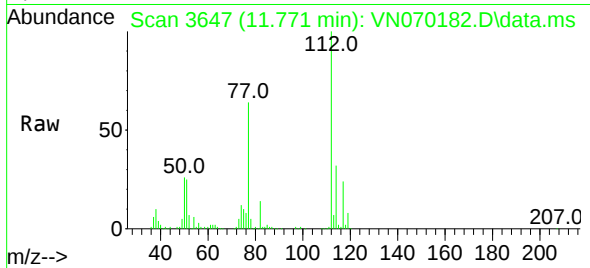
Tgt Ion:164 Resp: 203887
Ion Ratio Lower Upper
164 100
166 126.1 101.9 152.9
129 98.6 72.0 108.0
131 95.2 70.9 106.3





#65
Chlorobenzene
Concen: 20.732 ug/l
RT: 11.771 min Scan# 3647
Delta R.T. -0.000 min
Lab File: VN070182.D
Acq: 17 Dec 2021 23:51

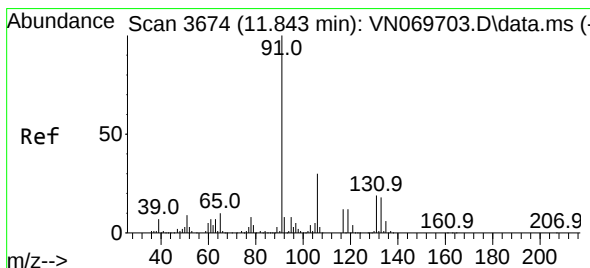
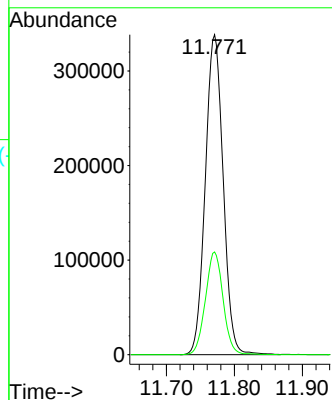
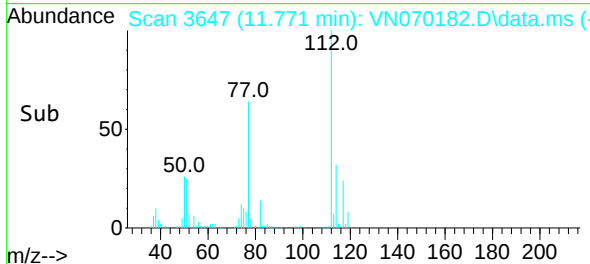
Instrument :
MSVOA_N
ClientSampleId :
VN1217WBS03



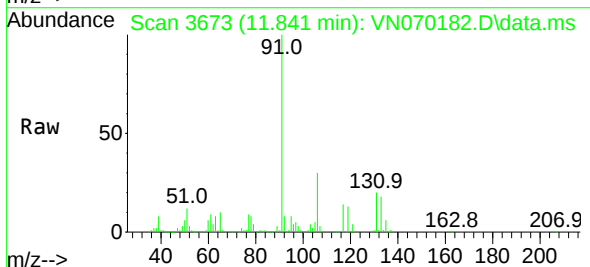
Tgt Ion:112 Resp: 61680
Ion Ratio Lower Upper
112 100
114 32.1 25.4 38.0

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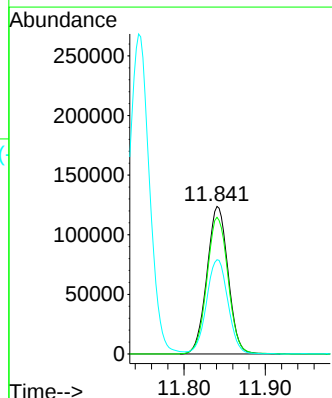
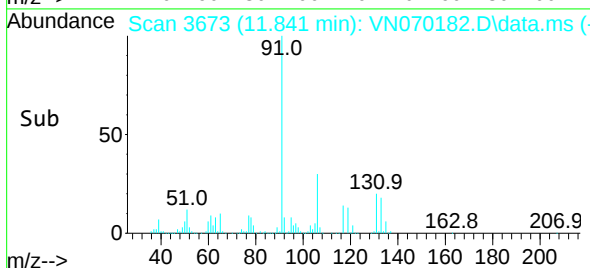
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/23/2021



#66
1,1,1,2-Tetrachloroethane
Concen: 21.396 ug/l
RT: 11.841 min Scan# 3673
Delta R.T. -0.002 min
Lab File: VN070182.D
Acq: 17 Dec 2021 23:51



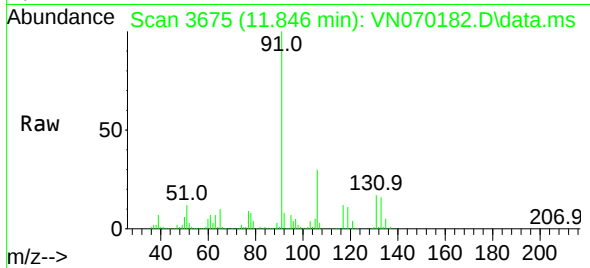
Tgt Ion:131 Resp: 224053
Ion Ratio Lower Upper
131 100
133 93.0 47.9 143.7
119 64.5 32.1 96.5





#67
Ethyl Benzene
Concen: 21.287 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. 0.000 min
Lab File: VN070182.D
Acq: 17 Dec 2021 23:51

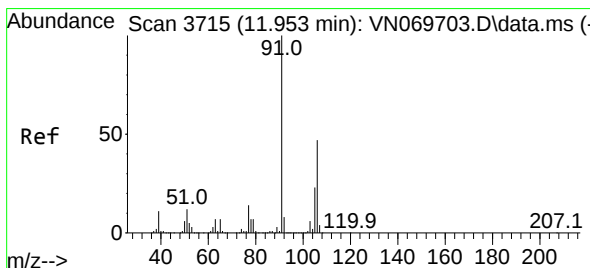
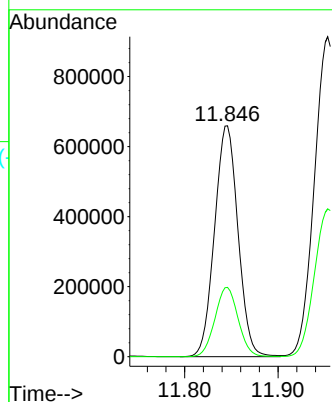
Instrument :
MSVOA_N
ClientSampleId :
VN1217WBS03



Tgt Ion: 91 Resp: 115040
Ion Ratio Lower Upper
91 100
106 30.0 25.7 38.5

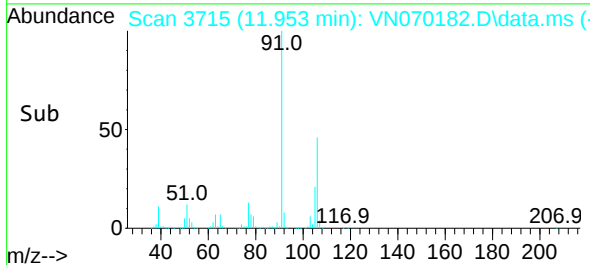
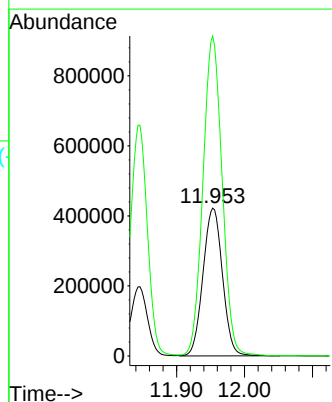
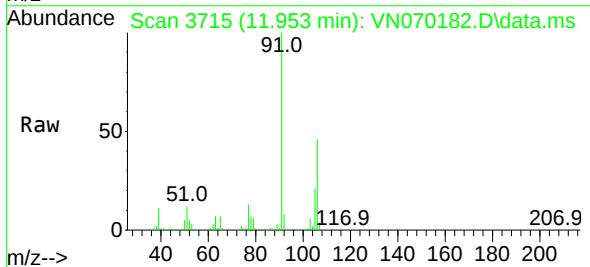
Manual Integrations
APPROVED

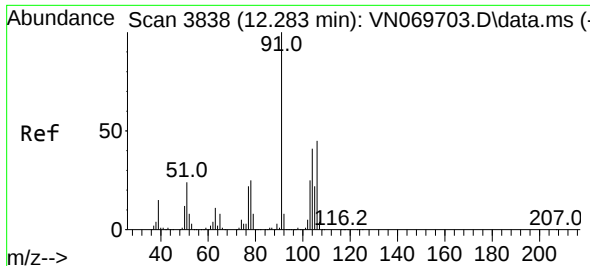
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/23/2021



#68
m/p-Xylenes
Concen: 42.628 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. 0.000 min
Lab File: VN070182.D
Acq: 17 Dec 2021 23:51

Tgt Ion:106 Resp: 838802
Ion Ratio Lower Upper
106 100
91 213.5 160.6 240.8





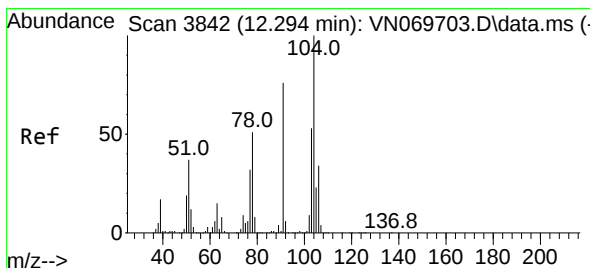
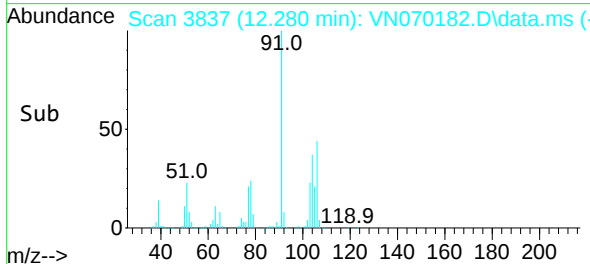
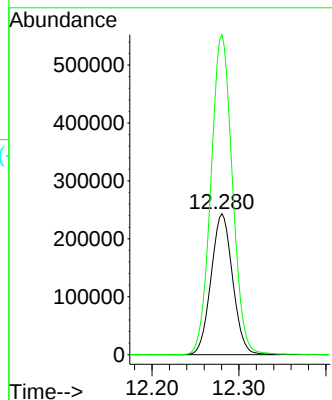
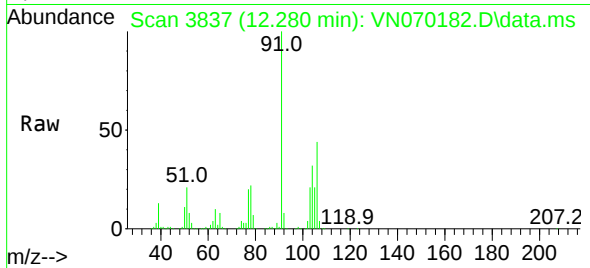
#69
o-Xylene
Concen: 21.136 ug/l
RT: 12.280 min Scan# 3838
Delta R.T. -0.002 min
Lab File: VN070182.D
Acq: 17 Dec 2021 23:51

Instrument :
MSVOA_N
ClientSampleId :
VN1217WBS03

Tgt Ion:106 Resp: 418930
Ion Ratio Lower Upper
106 100
91 226.7 105.8 317.3

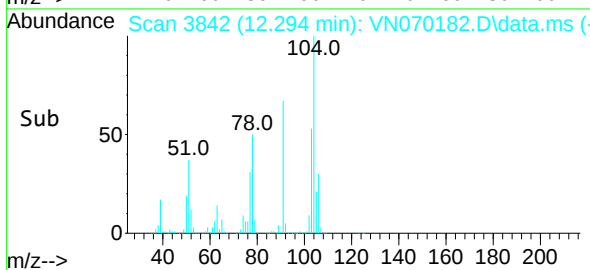
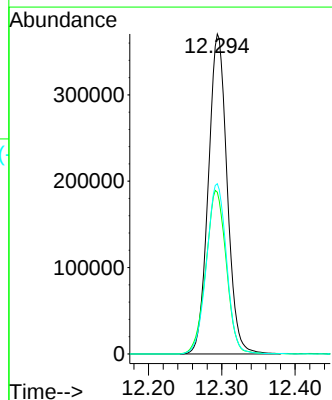
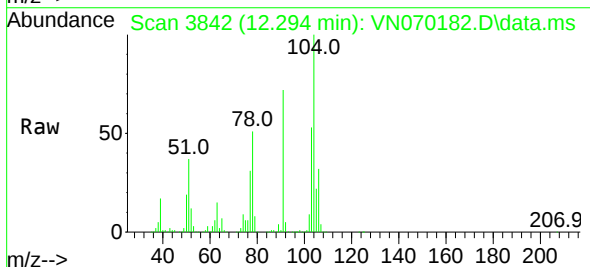
Manual Integrations
APPROVED

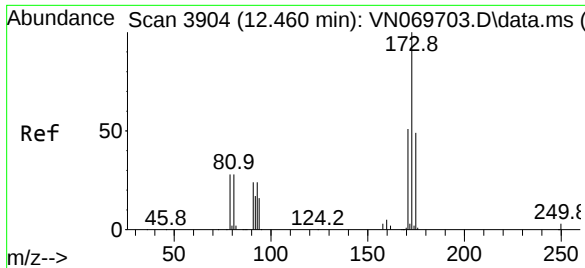
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/23/2021



#70
Styrene
Concen: 21.031 ug/l
RT: 12.294 min Scan# 3842
Delta R.T. -0.000 min
Lab File: VN070182.D
Acq: 17 Dec 2021 23:51

Tgt Ion:104 Resp: 660986
Ion Ratio Lower Upper
104 100
78 55.5 38.7 58.1
103 56.7 45.0 67.6





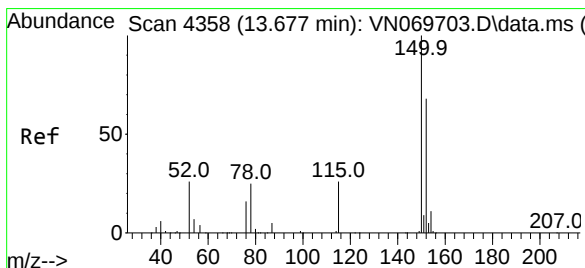
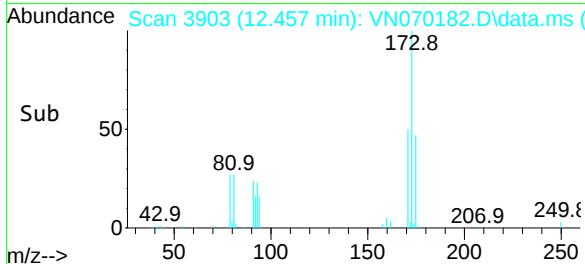
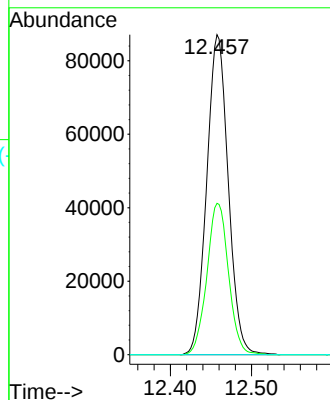
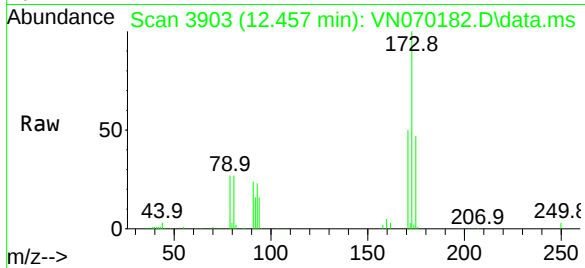
#71
Bromoform
Concen: 19.634 ug/l
RT: 12.457 min Scan# 3904
Delta R.T. -0.003 min
Lab File: VN070182.D
Acq: 17 Dec 2021 23:51

Instrument :
MSVOA_N
ClientSampleId :
VN1217WBS03

Tgt Ion:173 Resp: 16013
Ion Ratio Lower Upper
173 100
175 47.5 24.2 72.6
254 0.0 0.0 0.0

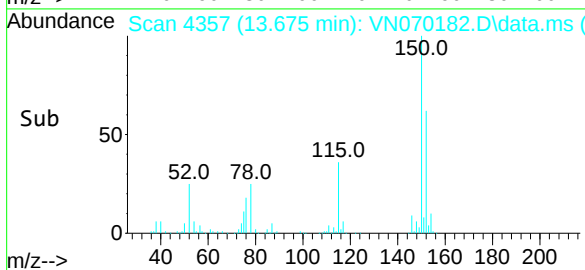
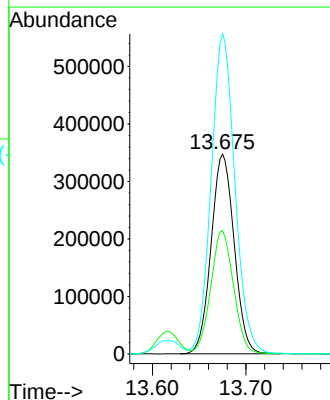
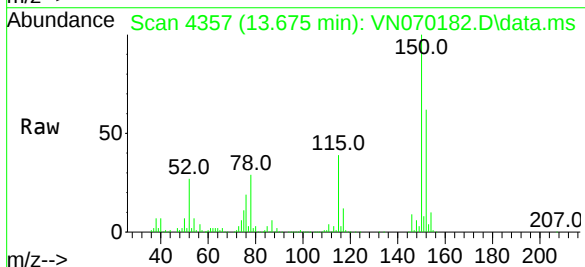
Manual Integrations
APPROVED

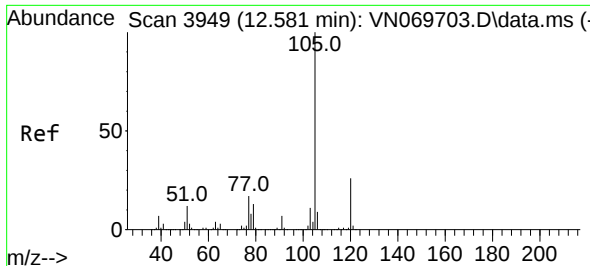
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/23/2021



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.002 min
Lab File: VN070182.D
Acq: 17 Dec 2021 23:51

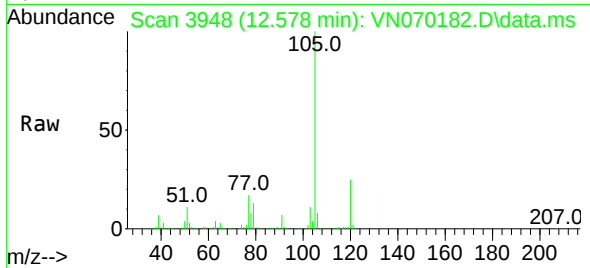
Tgt Ion:152 Resp: 596039
Ion Ratio Lower Upper
152 100
115 60.8 27.5 82.5
150 165.1 0.0 344.4





#73
Isopropylbenzene
Concen: 20.908 ug/l
RT: 12.578 min Scan# 3948
Delta R.T. -0.002 min
Lab File: VN070182.D
Acq: 17 Dec 2021 23:51

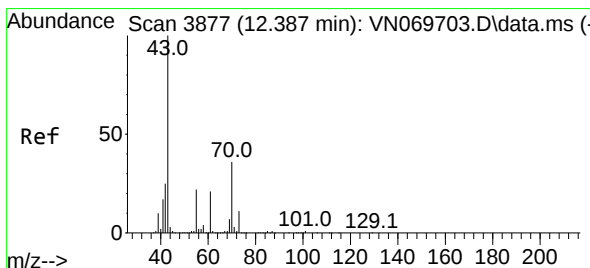
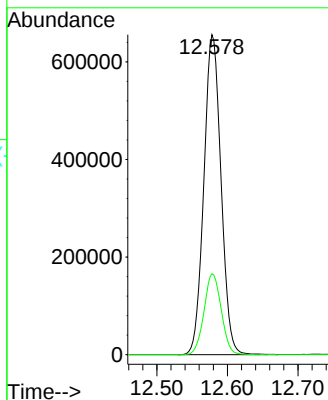
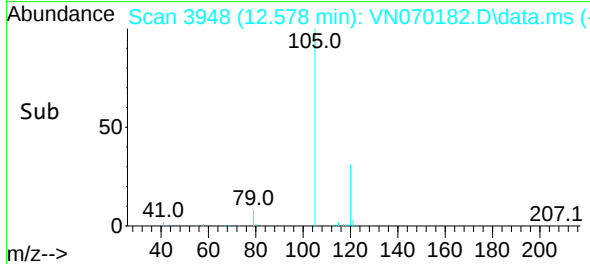
Instrument :
MSVOA_N
ClientSampleId :
VN1217WBS03



Tgt Ion:105 Resp: 110874
Ion Ratio Lower Upper
105 100
120 25.4 13.4 40.1

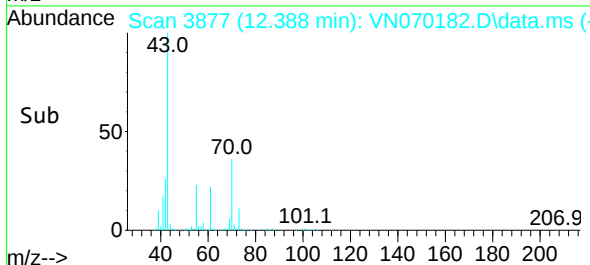
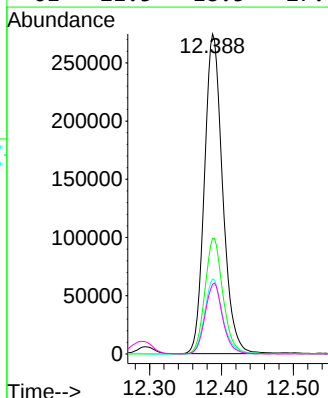
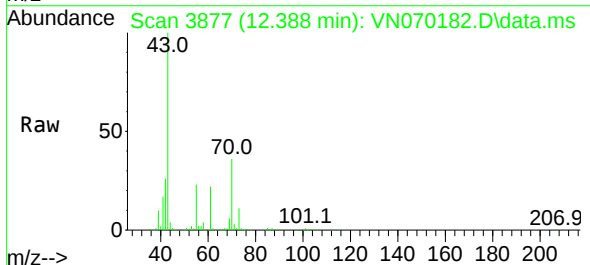
Manual Integrations
APPROVED

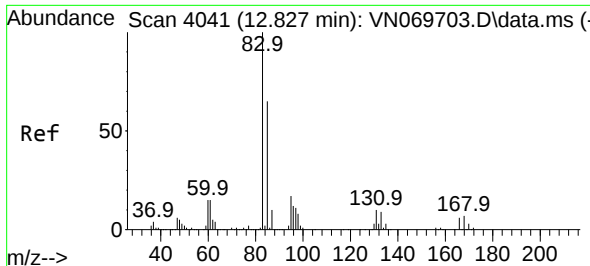
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/23/2021



#74
N-ethyl acetate
Concen: 20.582 ug/l
RT: 12.388 min Scan# 3877
Delta R.T. 0.000 min
Lab File: VN070182.D
Acq: 17 Dec 2021 23:51

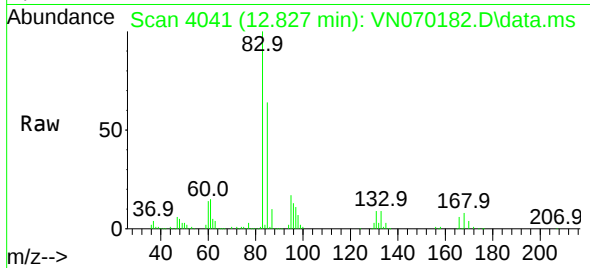
Tgt Ion: 43 Resp: 482701
Ion Ratio Lower Upper
43 100
70 36.0 33.4 50.0
55 23.3 19.3 28.9
61 21.5 18.5 27.7





#75
1,1,2,2-Tetrachloroethane
Concen: 21.423 ug/l
RT: 12.827 min Scan# 4041
Delta R.T. 0.000 min
Lab File: VN070182.D
Acq: 17 Dec 2021 23:51

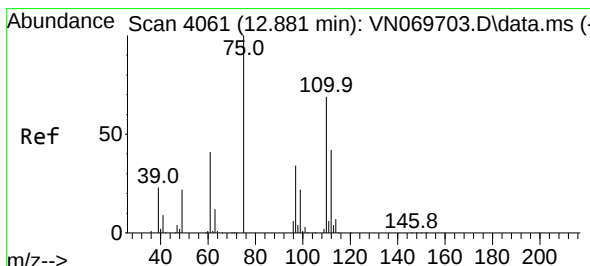
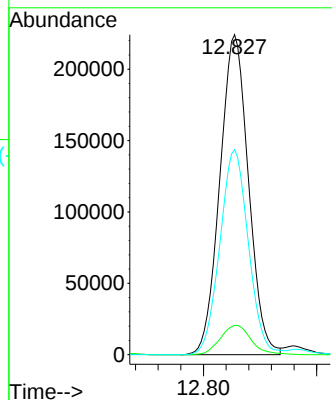
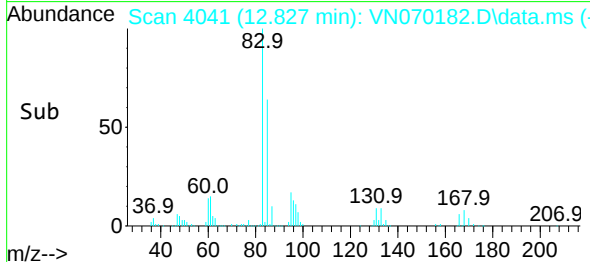
Instrument :
MSVOA_N
Client Sample Id :
VN1217WBS03



Tgt Ion: 83 Resp: 392860
Ion Ratio Lower Upper
83 100
131 9.9 5.5 16.5
85 63.9 32.4 97.2

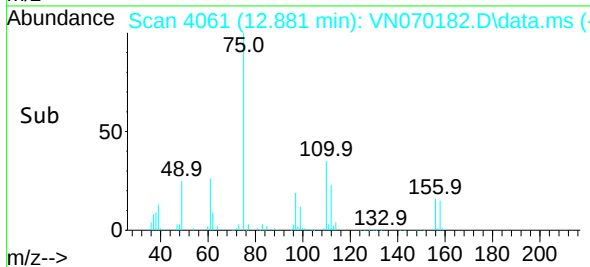
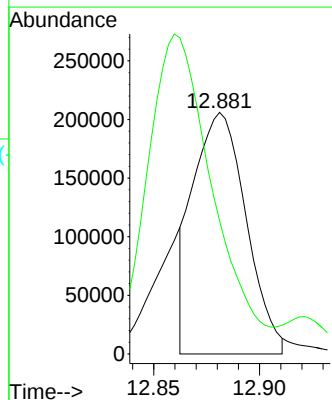
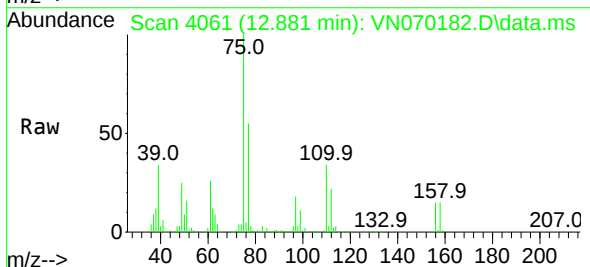
Manual Integrations
APPROVED

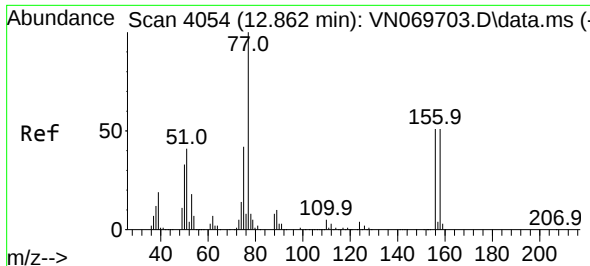
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/23/2021



#76
1,2,3-Trichloropropane
Concen: 20.913 ug/l m
RT: 12.881 min Scan# 4061
Delta R.T. 0.000 min
Lab File: VN070182.D
Acq: 17 Dec 2021 23:51

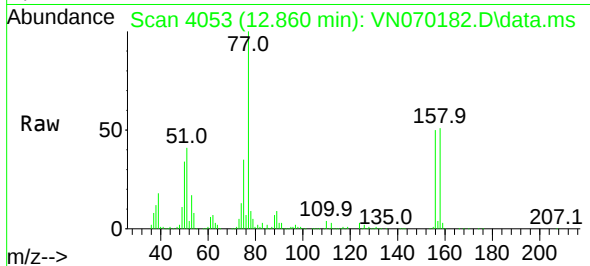
Tgt Ion: 75 Resp: 357463
Ion Ratio Lower Upper
75 100
77 0.0 82.6 247.8#





#77
Bromobenzene
Concen: 20.248 ug/l
RT: 12.860 min Scan# 4054
Delta R.T. -0.002 min
Lab File: VN070182.D
Acq: 17 Dec 2021 23:51

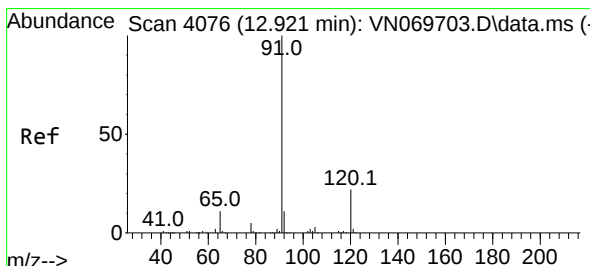
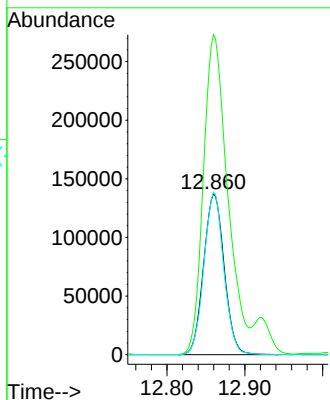
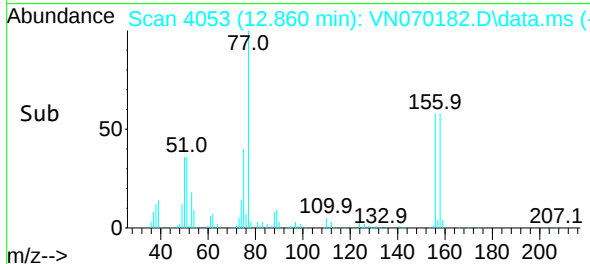
Instrument :
MSVOA_N
ClientSampleId :
VN1217WBS03



Tgt Ion:156 Resp: 252210
Ion Ratio Lower Upper
156 100
77 232.8 90.6 271.8
158 97.1 48.9 146.7

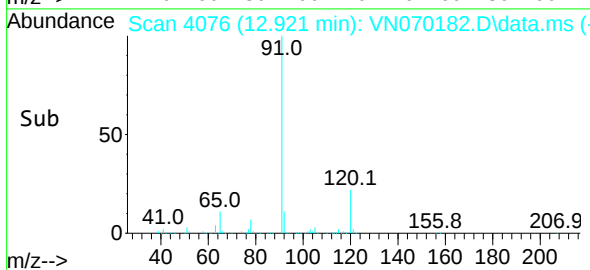
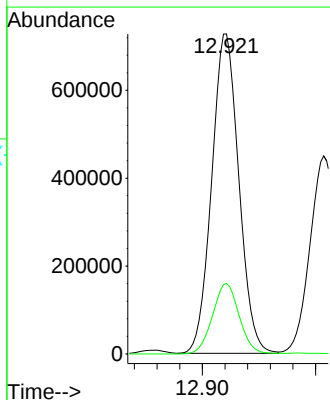
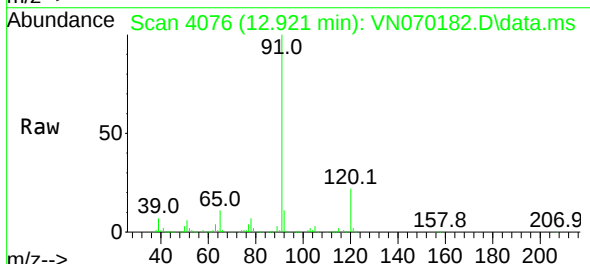
Manual Integrations
APPROVED

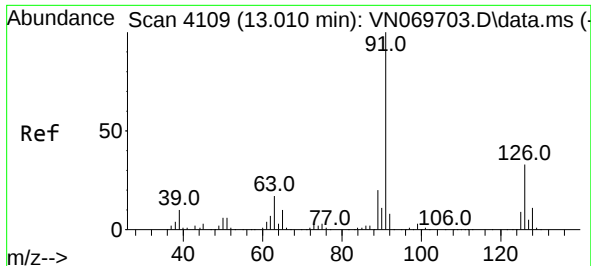
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/23/2021



#78
n-propylbenzene
Concen: 20.470 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.000 min
Lab File: VN070182.D
Acq: 17 Dec 2021 23:51

Tgt Ion: 91 Resp: 1207988
Ion Ratio Lower Upper
91 100
120 21.8 11.9 35.9





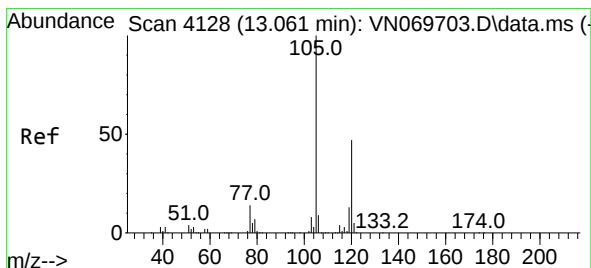
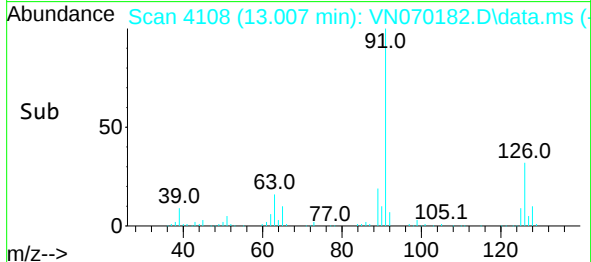
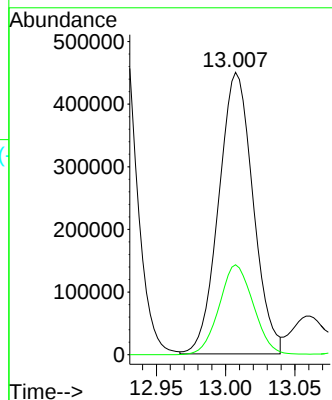
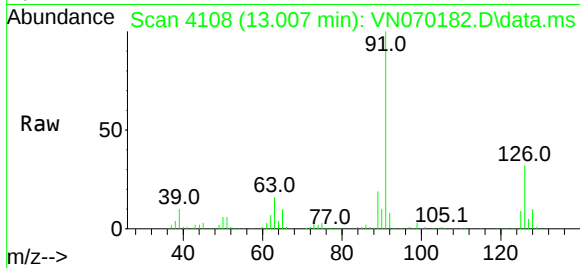
#79
2-Chlorotoluene
Concen: 20.830 ug/l
RT: 13.007 min Scan# 4109
Delta R.T. -0.002 min
Lab File: VN070182.D
Acq: 17 Dec 2021 23:51

Instrument :
MSVOA_N
ClientSampleId :
VN1217WBS03

Tgt Ion: 91 Resp: 77672
Ion Ratio Lower Upper
91 100
126 31.8 18.3 54.8

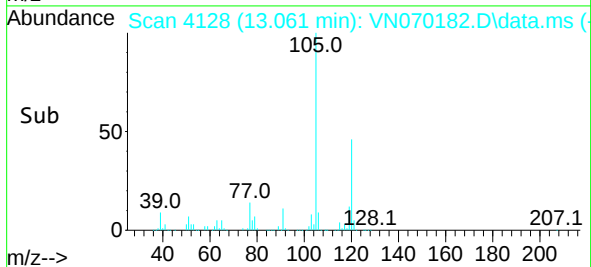
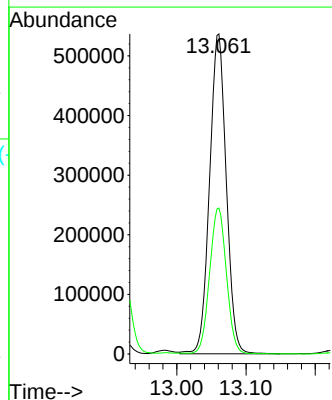
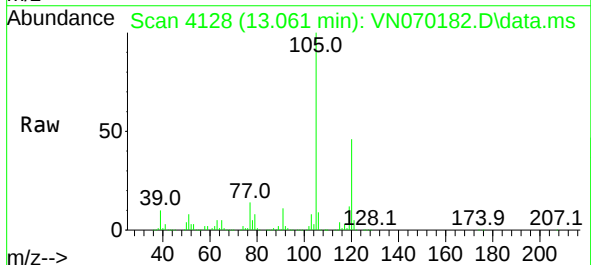
Manual Integrations
APPROVED

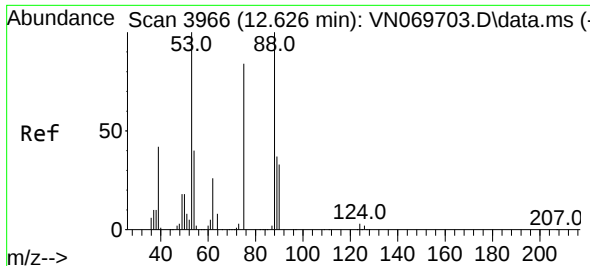
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/23/2021



#80
1,3,5-Trimethylbenzene
Concen: 21.044 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. 0.000 min
Lab File: VN070182.D
Acq: 17 Dec 2021 23:51

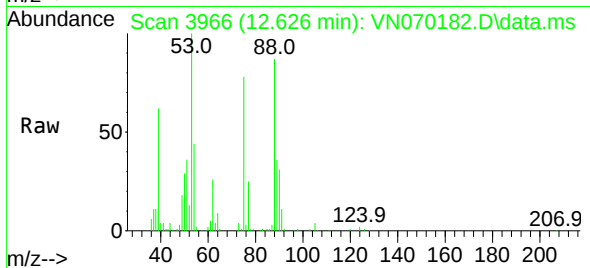
Tgt Ion:105 Resp: 898240
Ion Ratio Lower Upper
105 100
120 45.7 24.6 73.6





#81
trans-1,4-Dichloro-2-butene
Concen: 19.167 ug/l
RT: 12.626 min Scan# 3966
Delta R.T. 0.000 min
Lab File: VN070182.D
Acq: 17 Dec 2021 23:51

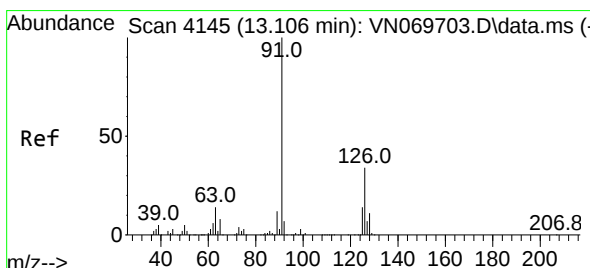
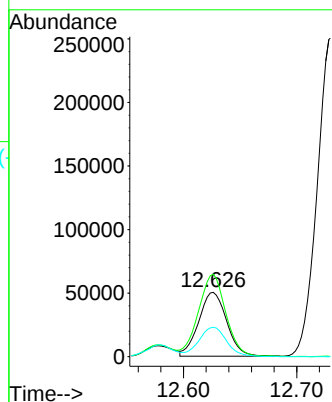
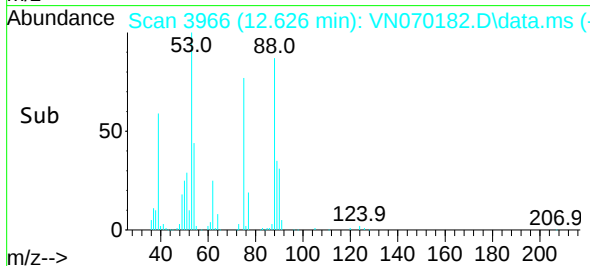
Instrument :
MSVOA_N
ClientSampleId :
VN1217WBS03



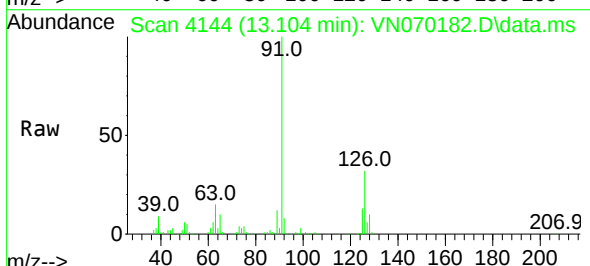
Tgt Ion: 75 Resp: 85870
Ion Ratio Lower Upper
75 100
53 127.6 90.5 135.7
89 45.3 38.2 57.4

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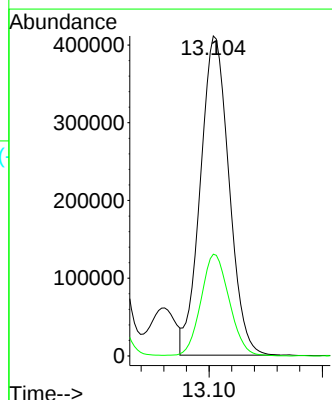
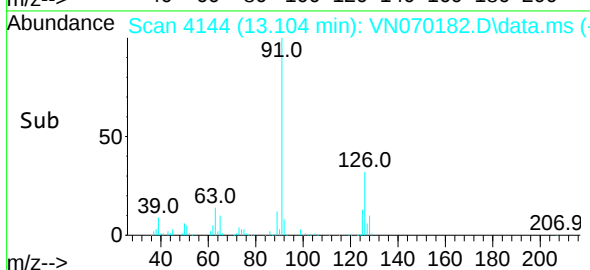
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/23/2021



#82
4-Chlorotoluene
Concen: 20.526 ug/l
RT: 13.104 min Scan# 4144
Delta R.T. -0.002 min
Lab File: VN070182.D
Acq: 17 Dec 2021 23:51



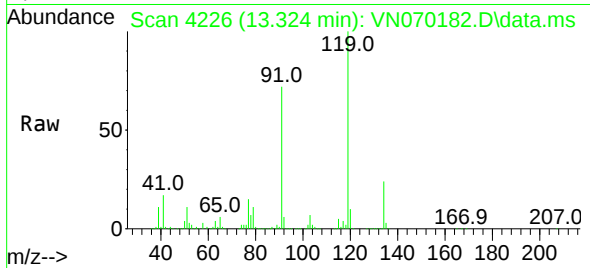
Tgt Ion: 91 Resp: 719774
Ion Ratio Lower Upper
91 100
126 31.7 18.2 54.6





#83
tert-Butylbenzene
Concen: 20.829 ug/l
RT: 13.324 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN070182.D
Acq: 17 Dec 2021 23:51

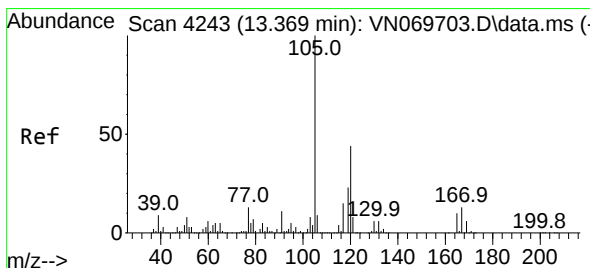
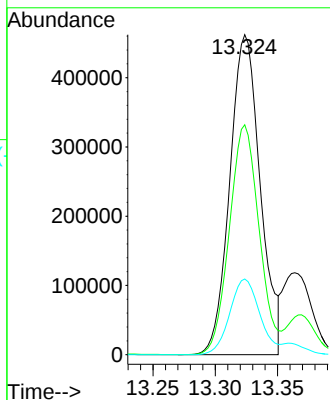
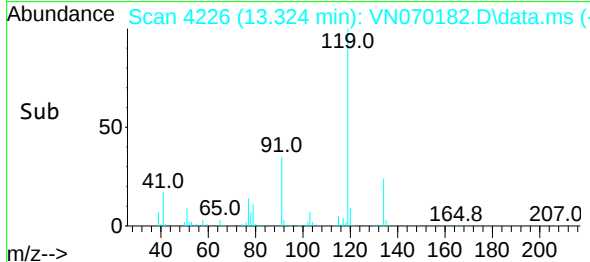
Instrument :
MSVOA_N
ClientSampleId :
VN1217WBS03



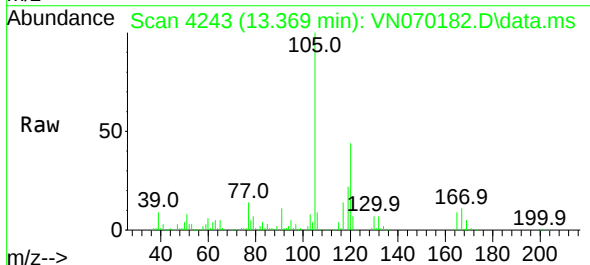
Tgt Ion:119 Resp: 787229
Ion Ratio Lower Upper
119 100
91 70.5 31.5 94.5
134 23.6 12.4 37.4

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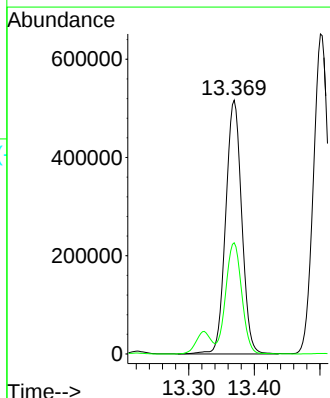
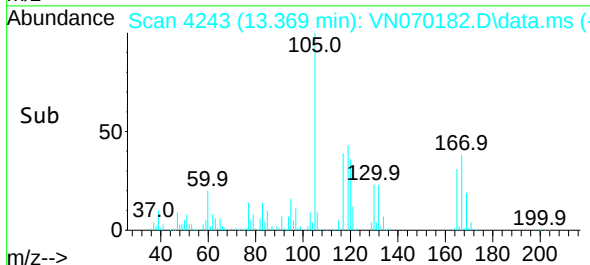
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/23/2021

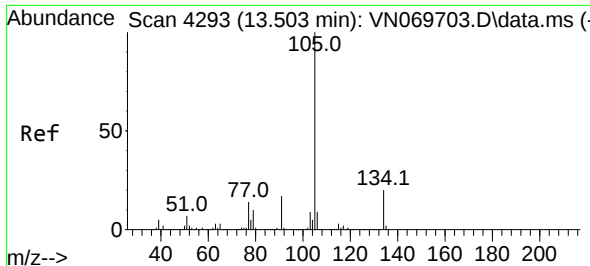


#84
1,2,4-Trimethylbenzene
Concen: 21.539 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. 0.000 min
Lab File: VN070182.D
Acq: 17 Dec 2021 23:51



Tgt Ion:105 Resp: 875542
Ion Ratio Lower Upper
105 100
120 43.9 22.8 68.4





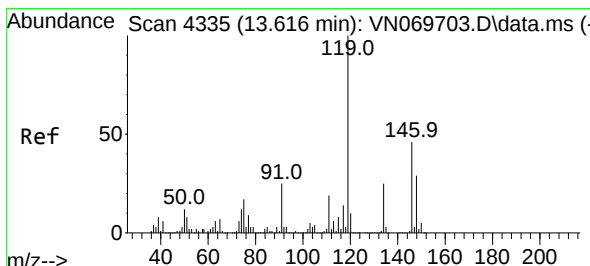
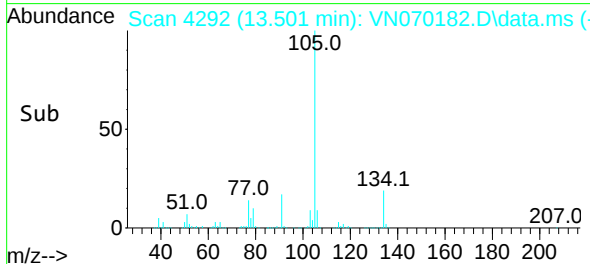
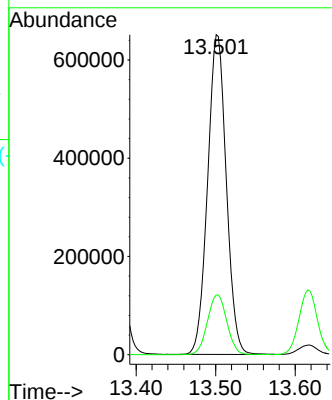
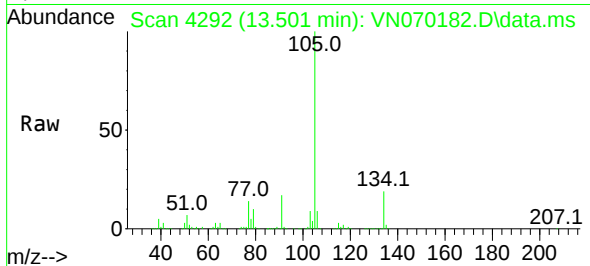
#85
 sec-Butylbenzene
 Concen: 20.679 ug/l
 RT: 13.501 min Scan# 4292
 Delta R.T. -0.002 min
 Lab File: VN070182.D
 Acq: 17 Dec 2021 23:51

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1217WBS03

Tgt Ion:105 Resp: 1060130
 Ion Ratio Lower Upper
 105 100
 134 19.5 10.4 31.1

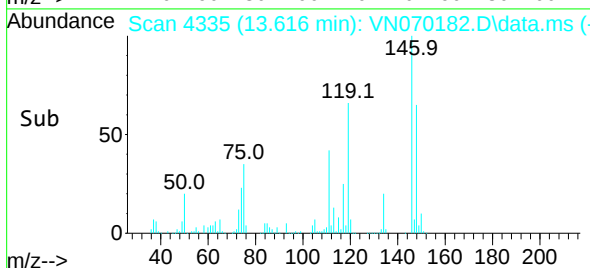
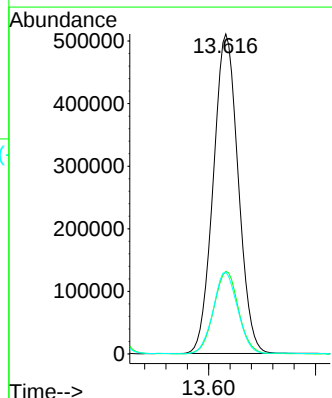
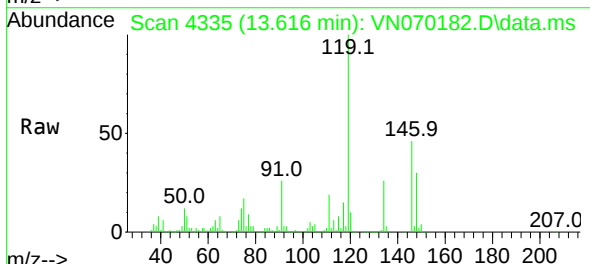
Manual Integrations
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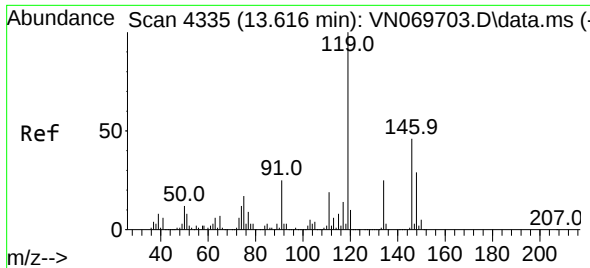
Reviewed By :John Carlone 12/20/2021
 Supervised By :Mahesh Dadoda 12/23/2021



#86
 p-Isopropyltoluene
 Concen: 20.620 ug/l
 RT: 13.616 min Scan# 4335
 Delta R.T. 0.000 min
 Lab File: VN070182.D
 Acq: 17 Dec 2021 23:51

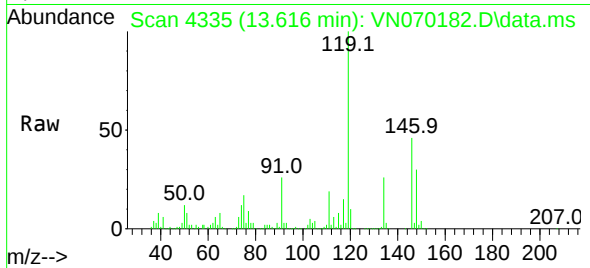
Tgt Ion:119 Resp: 826276
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.6 40.7
 91 25.1 11.4 34.1





#87
1,3-Dichlorobenzene
Concen: 20.123 ug/l
RT: 13.616 min Scan# 4335
Delta R.T. 0.000 min
Lab File: VN070182.D
Acq: 17 Dec 2021 23:51

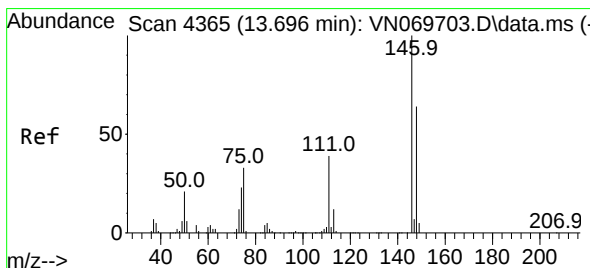
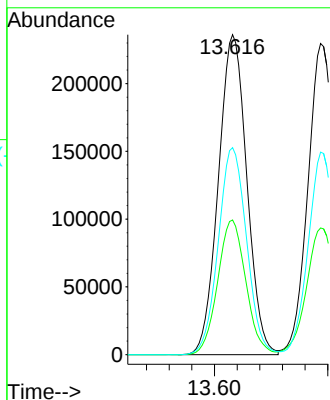
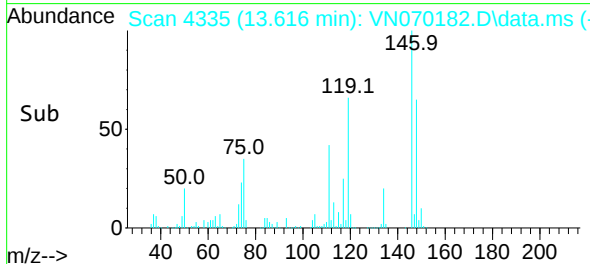
Instrument :
MSVOA_N
ClientSampleId :
VN1217WBS03



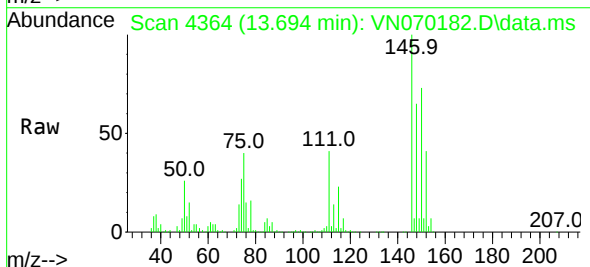
Tgt Ion:146 Resp: 41179
Ion Ratio Lower Upper
146 100
111 41.6 18.6 55.6
148 64.4 31.6 95.0

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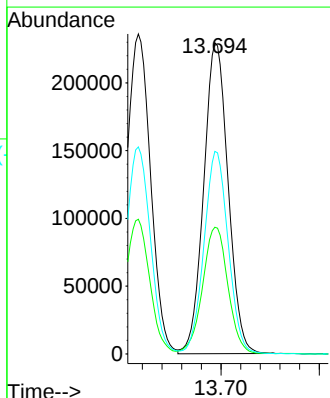
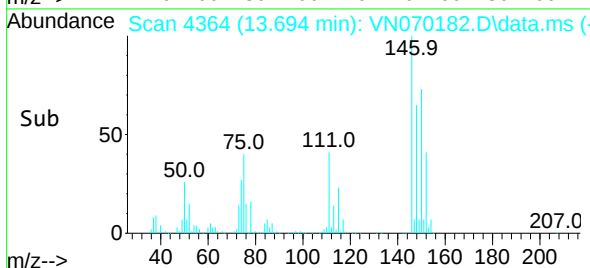
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/23/2021



#88
1,4-Dichlorobenzene
Concen: 19.630 ug/l
RT: 13.694 min Scan# 4364
Delta R.T. -0.002 min
Lab File: VN070182.D
Acq: 17 Dec 2021 23:51



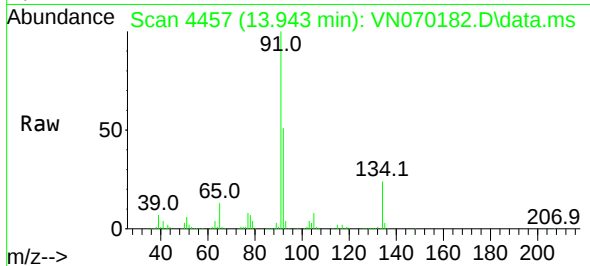
Tgt Ion:146 Resp: 394760
Ion Ratio Lower Upper
146 100
111 42.3 18.3 54.8
148 64.7 31.8 95.4





#89
n-Butylbenzene
Concen: 19.402 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. 0.000 min
Lab File: VN070182.D
Acq: 17 Dec 2021 23:51

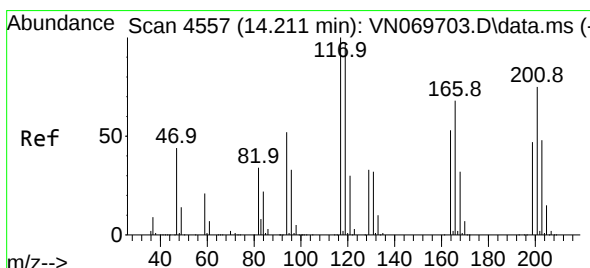
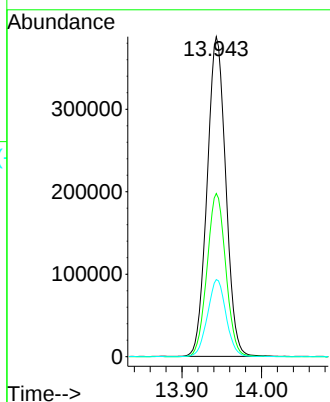
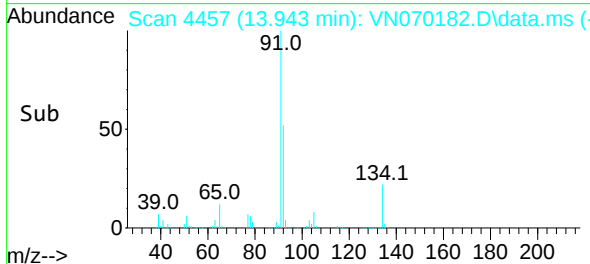
Instrument :
MSVOA_N
ClientSampleId :
VN1217WBS03



Tgt Ion: 91 Resp: 630684
Ion Ratio Lower Upper
91 100
92 51.5 25.4 76.0
134 24.1 13.6 40.8

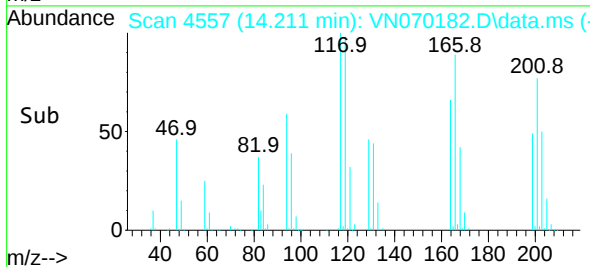
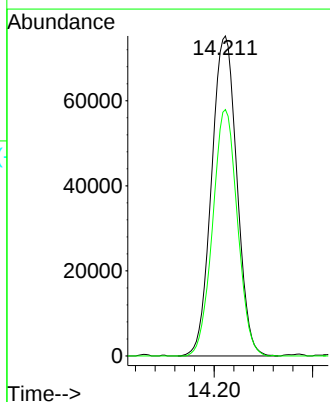
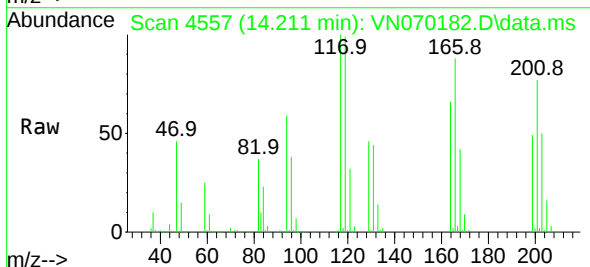
Manual Integrations
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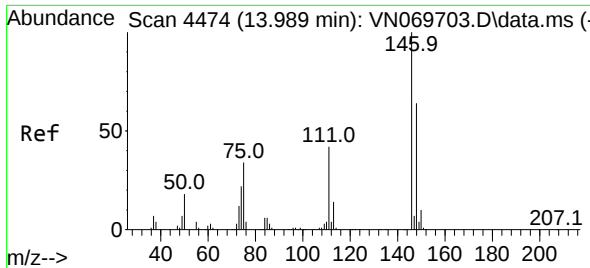
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/23/2021



#90
Hexachloroethane
Concen: 19.146 ug/l
RT: 14.211 min Scan# 4557
Delta R.T. 0.000 min
Lab File: VN070182.D
Acq: 17 Dec 2021 23:51

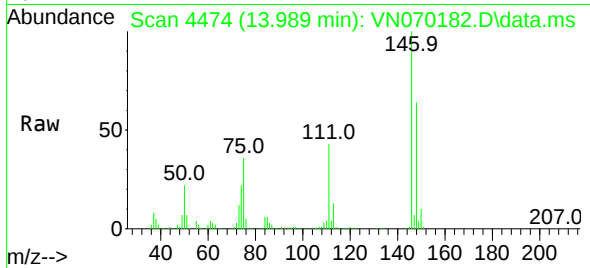
Tgt Ion:117 Resp: 134700
Ion Ratio Lower Upper
117 100
201 75.4 43.9 131.6





#91
1,2-Dichlorobenzene
Concen: 20.688 ug/l
RT: 13.989 min Scan# 4474
Delta R.T. 0.000 min
Lab File: VN070182.D
Acq: 17 Dec 2021 23:51

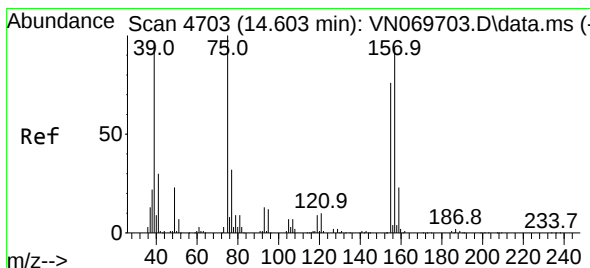
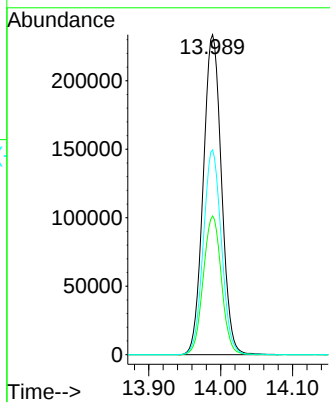
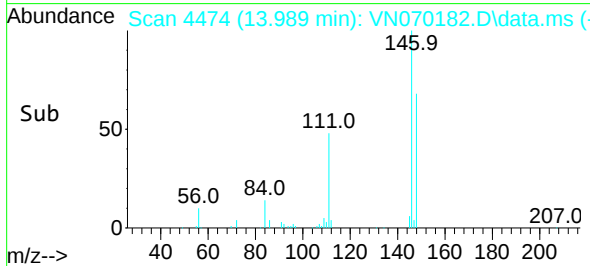
Instrument :
MSVOA_N
ClientSampleId :
VN1217WBS03



Tgt Ion:146 Resp: 41249
Ion Ratio Lower Upper
146 100
111 43.1 19.1 57.3
148 63.6 32.1 96.3

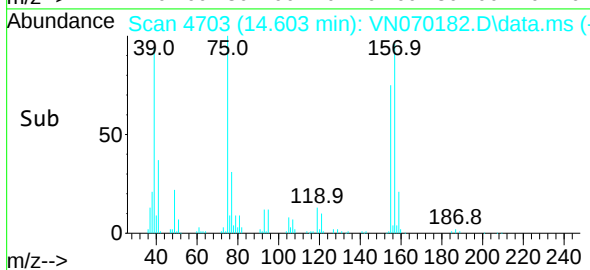
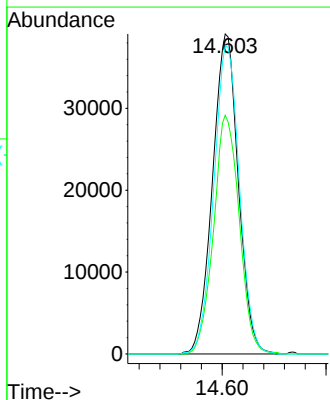
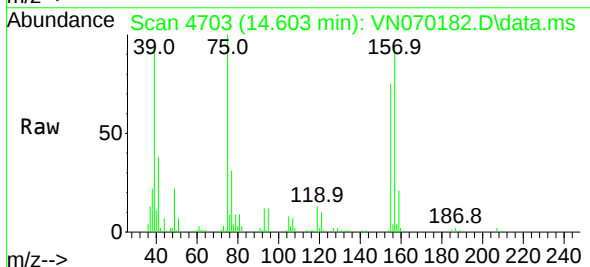
Manual Integrations
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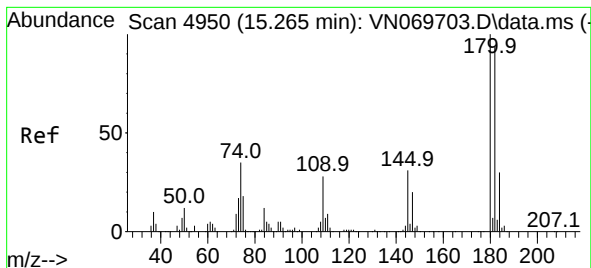
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/23/2021



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.384 ug/l
RT: 14.603 min Scan# 4703
Delta R.T. 0.000 min
Lab File: VN070182.D
Acq: 17 Dec 2021 23:51

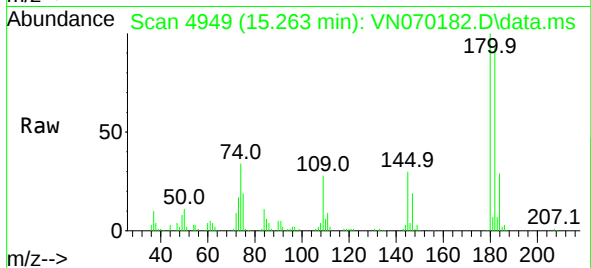
Tgt Ion: 75 Resp: 67545
Ion Ratio Lower Upper
75 100
155 74.2 46.9 140.7
157 95.7 60.6 181.7





#93
1,2,4-Trichlorobenzene
Concen: 20.377 ug/l
RT: 15.263 min Scan# 4950
Delta R.T. -0.002 min
Lab File: VN070182.D
Acq: 17 Dec 2021 23:51

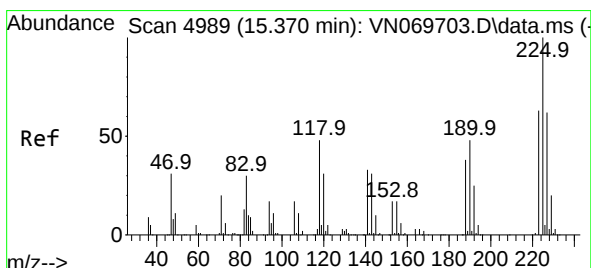
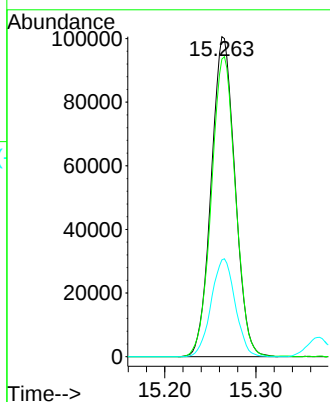
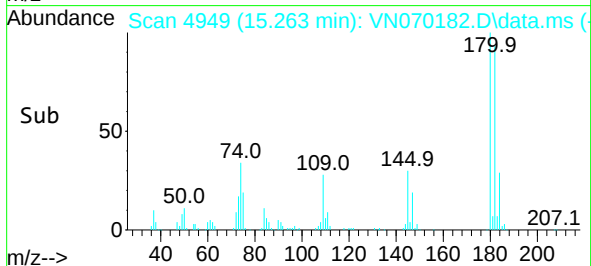
Instrument :
MSVOA_N
ClientSampleId :
VN1217WBS03



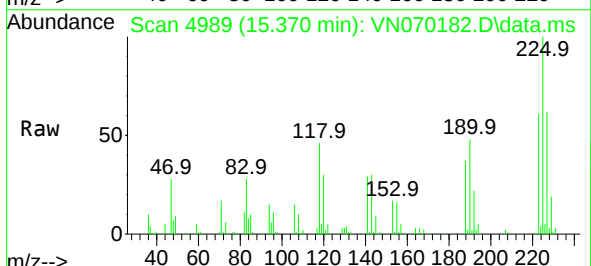
Tgt Ion:180 Resp: 181580
Ion Ratio Lower Upper
180 100
182 95.3 48.3 144.9
145 31.0 14.5 43.5

Manual Integrations
APPROVED

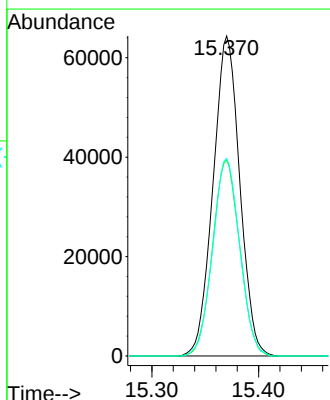
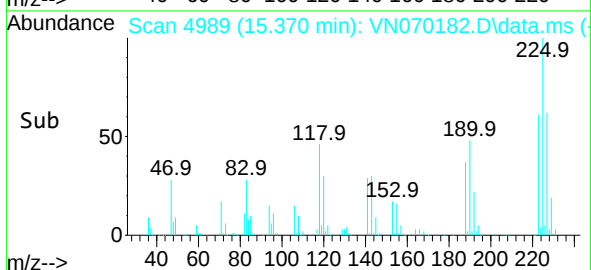
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/23/2021

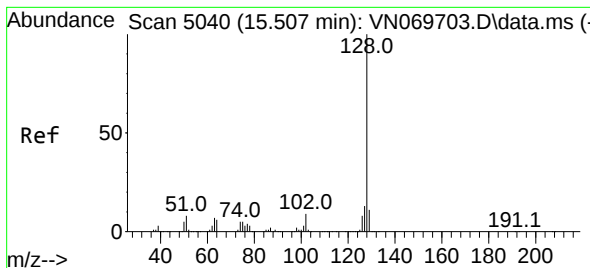


#94
Hexachlorobutadiene
Concen: 21.157 ug/l
RT: 15.370 min Scan# 4989
Delta R.T. 0.000 min
Lab File: VN070182.D
Acq: 17 Dec 2021 23:51



Tgt Ion:225 Resp: 111795
Ion Ratio Lower Upper
225 100
223 62.7 31.9 95.7
227 62.5 32.1 96.3





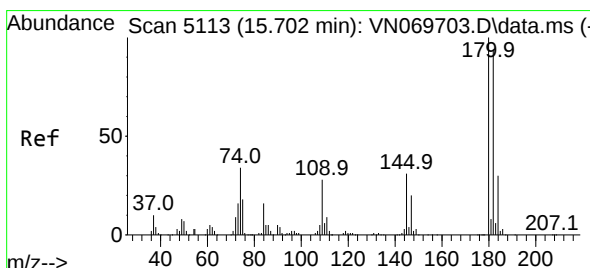
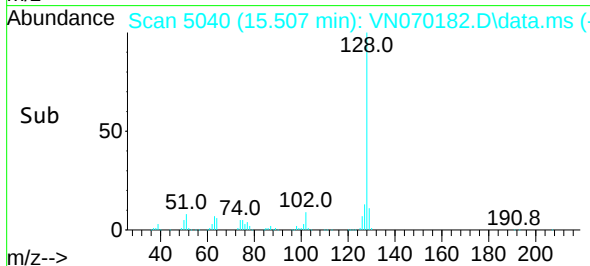
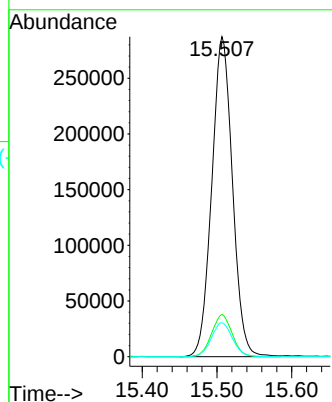
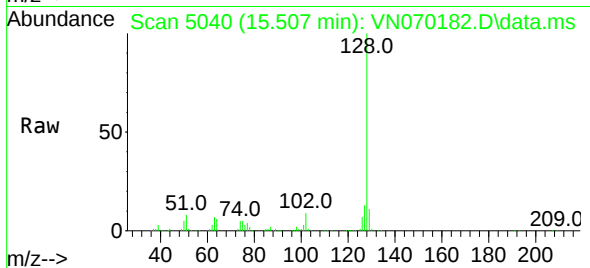
#95
Naphthalene
Concen: 21.425 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN070182.D
Acq: 17 Dec 2021 23:51

Instrument :
MSVOA_N
ClientSampleId :
VN1217WBS03

Tgt Ion:128 Resp: 55197
Ion Ratio Lower Upper
128 100
127 13.1 10.5 15.7
129 10.9 8.7 13.1

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 20.985 ug/l
RT: 15.700 min Scan# 5112
Delta R.T. -0.002 min
Lab File: VN070182.D
Acq: 17 Dec 2021 23:51

Tgt Ion:180 Resp: 185837
Ion Ratio Lower Upper
180 100
182 95.8 47.4 142.2
145 32.4 15.0 45.1

