

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010422\
 Data File : VN070457.D
 Acq On : 4 Jan 2022 12:30
 Operator : JC/MD
 Sample : VN0104WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0104WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/05/2022
 Supervised By : Mahesh Dadoda 01/05/2022

Quant Time: Jan 05 03:13:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 27 18:47:12 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.086	168	937757	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1525692	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.741	117	1383024	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	560686	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	702493	52.102	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 104.200%			
35) Dibromofluoromethane	8.019	113	505854	54.798	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 109.600%			
50) Toluene-d8	10.438	98	1997797	52.977	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 105.960%			
62) 4-Bromofluorobenzene	12.728	95	716142	52.579	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 105.160%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.073	85	198564	18.671	ug/l	99
3) Chloromethane	2.303	50	266702	18.436	ug/l	99
4) Vinyl Chloride	2.451	62	245248	18.620	ug/l	99
5) Bromomethane	2.867	94	141337	20.791	ug/l	100
6) Chloroethane	3.027	64	149079	18.795	ug/l	98
7) Trichlorofluoromethane	3.382	101	299048	18.864	ug/l	98
8) Diethyl Ether	3.827	74	141982	20.316	ug/l	82
9) 1,1,2-Trichlorotrifluo...	4.216	101	193186	19.924	ug/l	96
10) Methyl Iodide	4.422	142	253710	19.334	ug/l	98
11) Tert butyl alcohol	5.374	59	195712	87.176	ug/l #	86
12) 1,1-Dichloroethene	4.183	96	181258	18.979	ug/l	92
13) Acrolein	4.044	56	116940	64.197	ug/l	96
14) Allyl chloride	4.843	41	425553	19.653	ug/l	87
15) Acrylonitrile	5.554	53	686795	98.034	ug/l	99
16) Acetone	4.285	43	815354	93.155	ug/l	99
17) Carbon Disulfide	4.532	76	460846	17.677	ug/l	100
18) Methyl Acetate	4.854	43	492671	19.459	ug/l	91
19) Methyl tert-butyl Ether	5.616	73	731706	20.630	ug/l	95
20) Methylene Chloride	5.095	84	236315	19.514	ug/l	87
21) trans-1,2-Dichloroethene	5.597	96	195778	19.361	ug/l	88
22) Diisopropyl ether	6.495	45	892021	21.150	ug/l #	93
23) Vinyl Acetate	6.434	43	3338342	102.019	ug/l	95
24) 1,1-Dichloroethane	6.383	63	433495	19.823	ug/l	98
25) 2-Butanone	7.335	43	1052990	95.547	ug/l	92
26) 2,2-Dichloropropane	7.324	77	315406	18.282	ug/l	97
27) cis-1,2-Dichloroethene	7.324	96	240961	19.970	ug/l	87
28) Bromochloromethane	7.657	49	197897	18.504	ug/l #	77
29) Tetrahydrofuran	7.686	42	647289	98.442	ug/l	87
30) Chloroform	7.817	83	419067	19.864	ug/l	99
31) Cyclohexane	8.094	56	422601	19.862	ug/l	90
32) 1,1,1-Trichloroethane	8.013	97	336717	18.929	ug/l	97
36) 1,1-Dichloropropene	8.220	75	303183	19.854	ug/l	96
37) Ethyl Acetate	7.410	43	386899	19.546	ug/l	96
38) Carbon Tetrachloride	8.206	117	274395	18.817	ug/l	99
39) Methylcyclohexane	9.459	83	366094	19.802	ug/l	89
40) Benzene	8.459	78	957089	20.443	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.635	41	209079	21.118	ug/l #	87
42) 1,2-Dichloroethane	8.528	62	354677	20.155	ug/l	98
43) Isopropyl Acetate	8.558	43	621834	19.925	ug/l #	95
44) Trichloroethene	9.212	130	218469	19.639	ug/l	90
45) 1,2-Dichloropropane	9.488	63	265683	21.077	ug/l	100
46) Dibromomethane	9.574	93	157190	20.054	ug/l	95
47) Bromodichloromethane	9.759	83	314189	20.187	ug/l	100
48) Methyl methacrylate	9.558	41	285772	19.197	ug/l #	83
49) 1,4-Dioxane	9.566	88	81103	372.197	ug/l #	80
51) 4-Methyl-2-Pentanone	10.328	43	1975600	100.745	ug/l	96
52) Toluene	10.502	92	575210	20.298	ug/l	99
53) t-1,3-Dichloropropene	10.717	75	325341	19.309	ug/l	98
54) cis-1,3-Dichloropropene	10.186	75	372274	20.425	ug/l	95
55) 1,1,2-Trichloroethane	10.896	97	228666	20.394	ug/l	97
56) Ethyl methacrylate	10.760	69	380361	20.531	ug/l	90
57) 1,3-Dichloropropane	11.041	76	412318	20.791	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.038	63	282920	73.872	ug/l	91
59) 2-Hexanone	11.084	43	1402543	98.077	ug/l	94
60) Dibromochloromethane	11.234	129	218258	19.951	ug/l	100
61) 1,2-Dibromoethane	11.342	107	227467	19.980	ug/l	100
64) Tetrachloroethene	10.974	164	196360	19.607	ug/l	96
65) Chlorobenzene	11.768	112	596522	20.328	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.838	131	208405	19.894	ug/l	99
67) Ethyl Benzene	11.843	91	1101603	20.489	ug/l	96
68) m/p-Xylenes	11.950	106	824129	42.109	ug/l	95
69) o-Xylene	12.278	106	400455	20.571	ug/l	91
70) Styrene	12.291	104	638351	20.719	ug/l	96
71) Bromoform	12.455	173	151041	19.427	ug/l #	99
73) Isopropylbenzene	12.575	105	1055140	20.265	ug/l	99
74) N-amyl acetate	12.388	43	415113	18.961	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.825	83	349252	19.451	ug/l	99
76) 1,2,3-Trichloropropane	12.878	75	291368m	19.327	ug/l	
77) Bromobenzene	12.860	156	240429	20.113	ug/l	79
78) n-propylbenzene	12.919	91	1183298	20.511	ug/l	96
79) 2-Chlorotoluene	13.004	91	738403	19.948	ug/l	93
80) 1,3,5-Trimethylbenzene	13.058	105	863222	20.688	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.624	75	82953	18.076	ug/l	95
82) 4-Chlorotoluene	13.104	91	697602	20.119	ug/l	92
83) tert-Butylbenzene	13.321	119	755137	20.553	ug/l	95
84) 1,2,4-Trimethylbenzene	13.367	105	842891	20.979	ug/l	98
85) sec-Butylbenzene	13.498	105	1020405	20.457	ug/l	98
86) p-Isopropyltoluene	13.613	119	808400	20.631	ug/l	97
87) 1,3-Dichlorobenzene	13.613	146	404342	20.206	ug/l	97
88) 1,4-Dichlorobenzene	13.691	146	392194	19.868	ug/l	97
89) n-Butylbenzene	13.940	91	629690	19.267	ug/l	97
90) Hexachloroethane	14.206	117	128699	18.907	ug/l	89
91) 1,2-Dichlorobenzene	13.986	146	391891	19.976	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.600	75	53555	17.755	ug/l	81
93) 1,2,4-Trichlorobenzene	15.263	180	173310	18.749	ug/l	99
94) Hexachlorobutadiene	15.367	225	110445	20.559	ug/l	99
95) Naphthalene	15.504	128	424807	17.828	ug/l	100
96) 1,2,3-Trichlorobenzene	15.697	180	166356	19.330	ug/l	98

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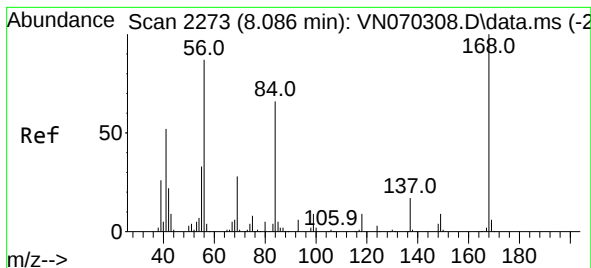
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Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.086 min Scan# 2273

Delta R.T. -0.000 min

Lab File: VN070457.D

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Instrument :

MSVOA_N

ClientSampleId :

VN0104WBSD01

Tgt Ion:168 Resp: 93775

Ion Ratio Lower Upper

168 100

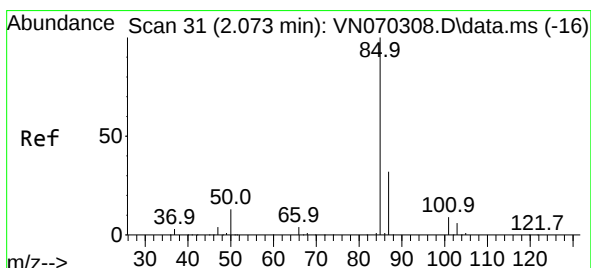
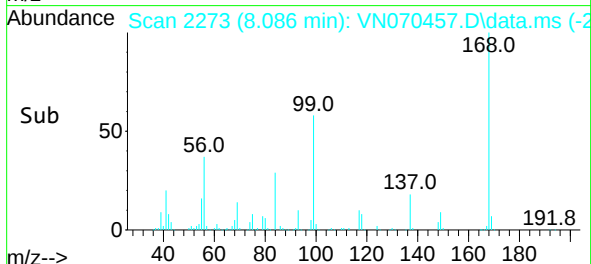
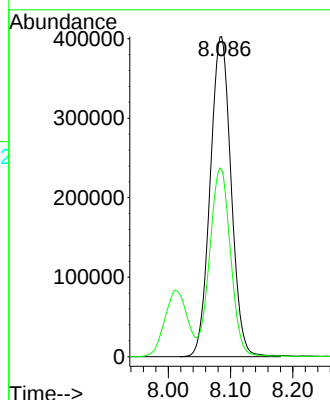
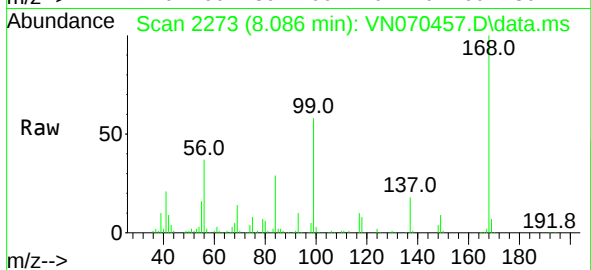
99 58.3 41.3 61.9

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 18.671 ug/l

RT: 2.073 min Scan# 31

Delta R.T. -0.000 min

Lab File: VN070457.D

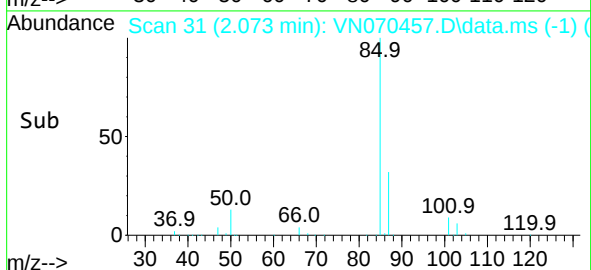
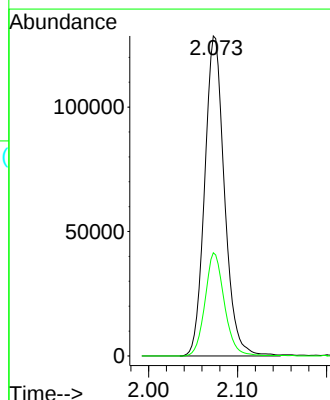
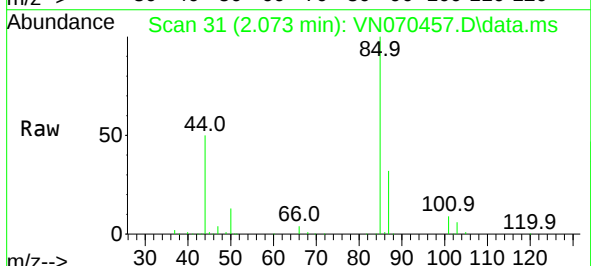
Acq: 4 Jan 2022 12:30

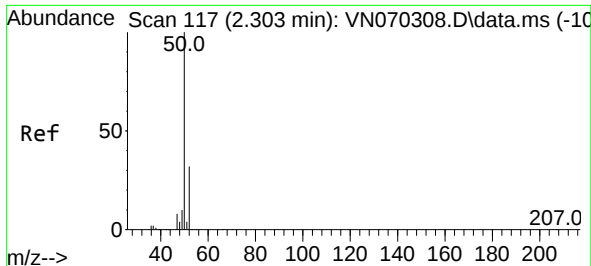
Tgt Ion: 85 Resp: 198564

Ion Ratio Lower Upper

85 100

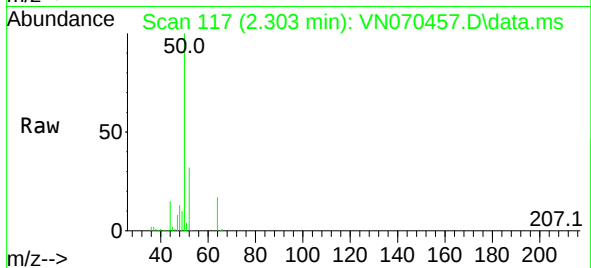
87 32.2 16.3 48.9





#3
Chloromethane
Concen: 18.436 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN070457.D
Acq: 4 Jan 2022 12:30

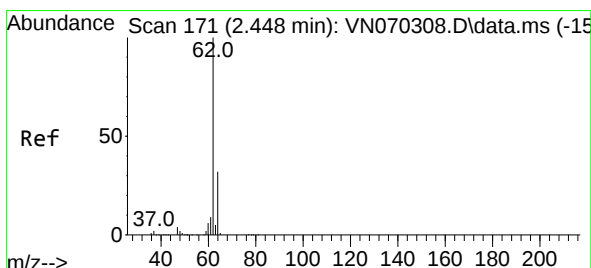
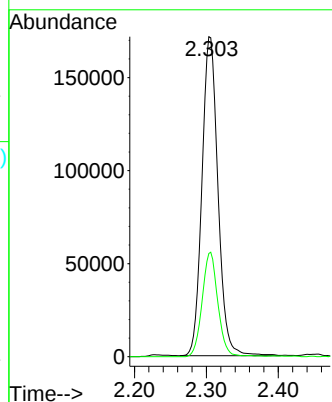
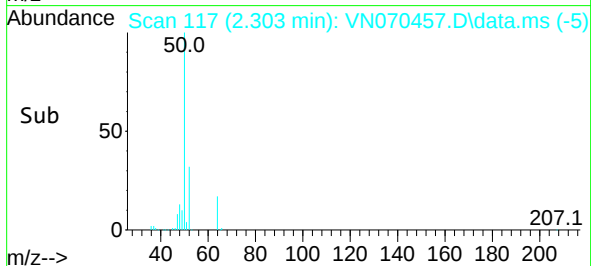
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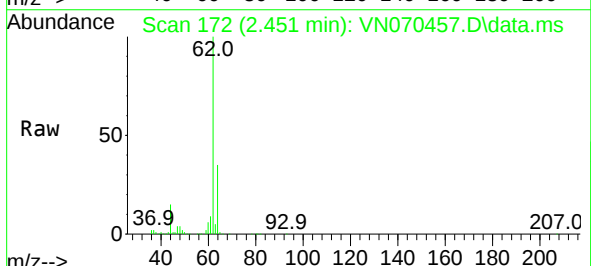
Tgt Ion: 50 Resp: 266702
Ion Ratio Lower Upper
50 100
52 32.3 25.4 38.0

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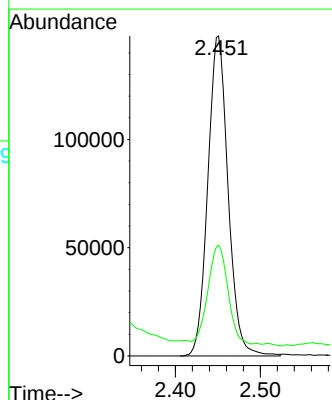
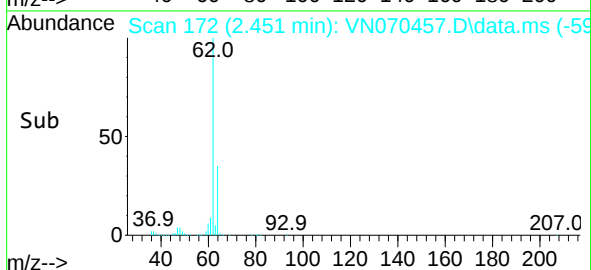
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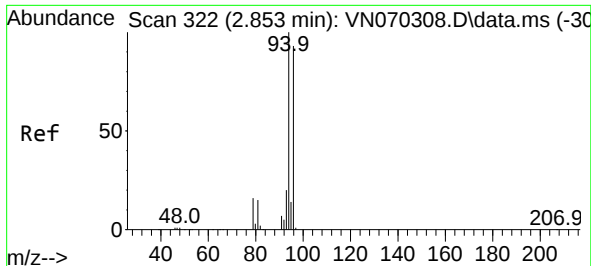


#4
Vinyl Chloride
Concen: 18.620 ug/l
RT: 2.451 min Scan# 172
Delta R.T. 0.003 min
Lab File: VN070457.D
Acq: 4 Jan 2022 12:30



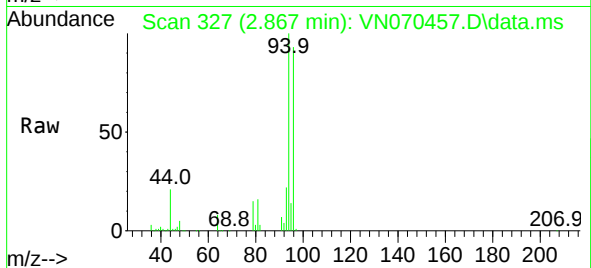
Tgt Ion: 62 Resp: 245248
Ion Ratio Lower Upper
62 100
64 31.5 25.8 38.6





#5
Bromomethane
Concen: 20.791 ug/l
RT: 2.867 min Scan# 31
Delta R.T. 0.014 min
Lab File: VN070457.D
Acq: 4 Jan 2022 12:30

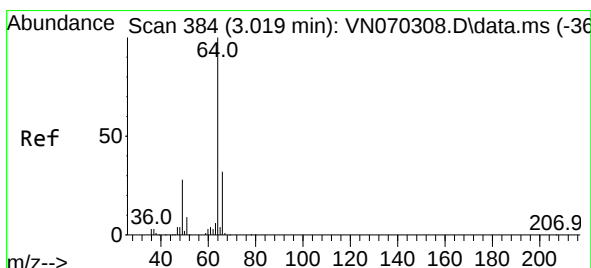
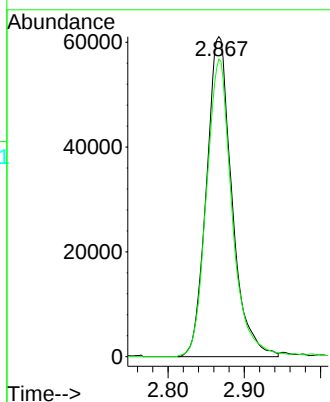
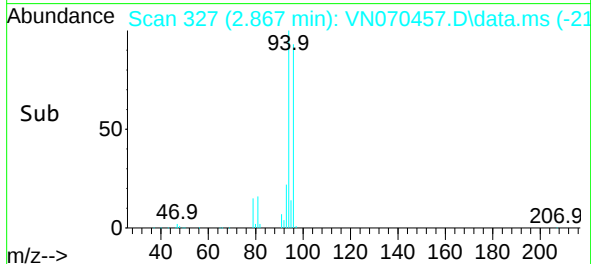
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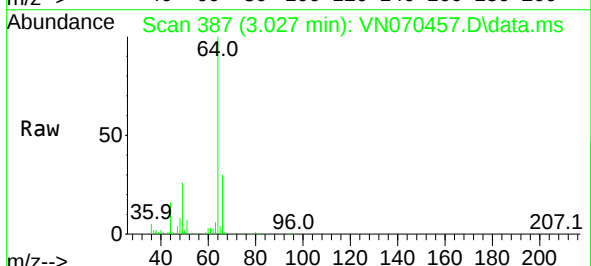
Tgt Ion: 94 Resp: 14133
Ion Ratio Lower Upper
94 100
96 92.7 73.8 110.8

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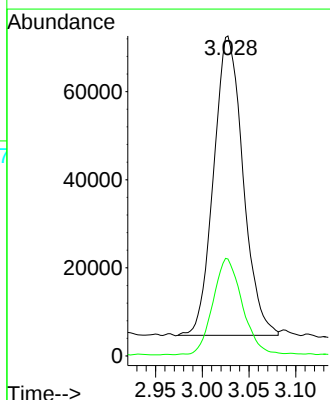
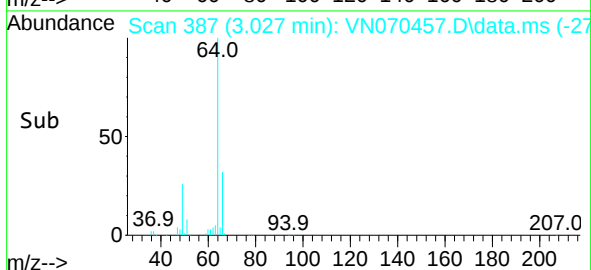
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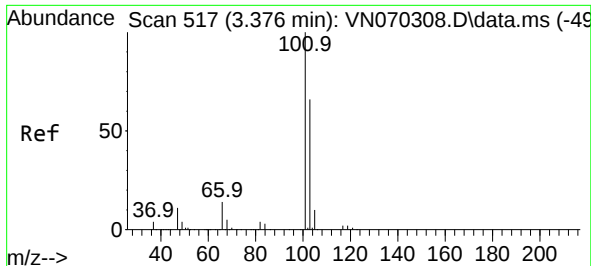


#6
Chloroethane
Concen: 18.795 ug/l
RT: 3.027 min Scan# 387
Delta R.T. 0.008 min
Lab File: VN070457.D
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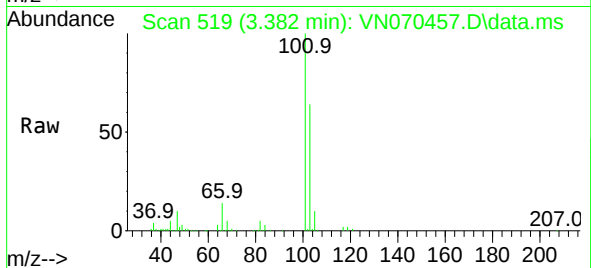
Tgt Ion: 64 Resp: 149079
Ion Ratio Lower Upper
64 100
66 31.9 26.3 39.5





#7
 Trichlorofluoromethane
 Concen: 18.864 ug/l
 RT: 3.382 min Scan# 517
 Delta R.T. 0.006 min
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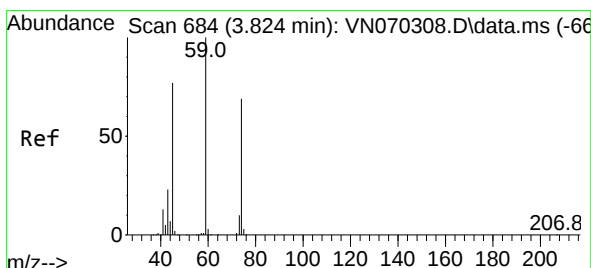
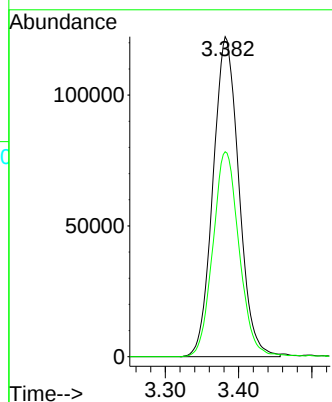
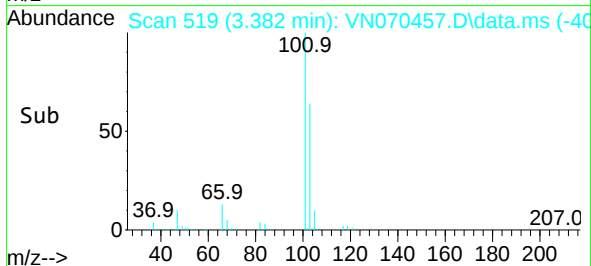
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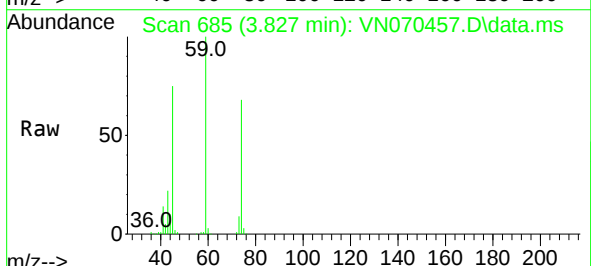
Tgt Ion:101 Resp: 29904
 Ion Ratio Lower Upper
 101 100
 103 64.0 50.1 75.1

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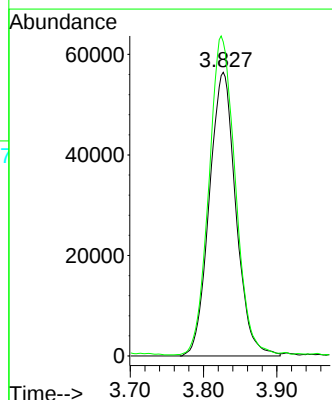
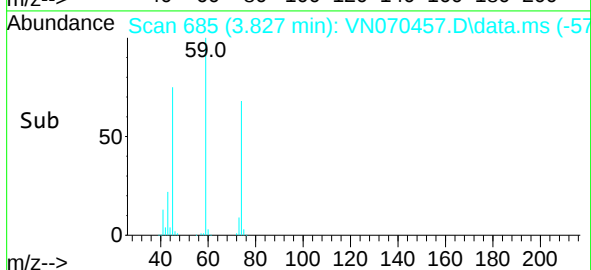
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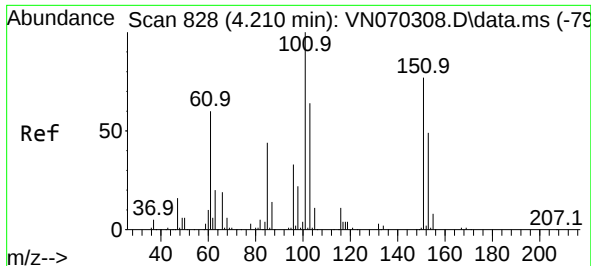


#8
 Diethyl Ether
 Concen: 20.316 ug/l
 RT: 3.827 min Scan# 685
 Delta R.T. 0.003 min
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Tgt Ion: 74 Resp: 141982
 Ion Ratio Lower Upper
 74 100
 45 111.9 47.0 141.2





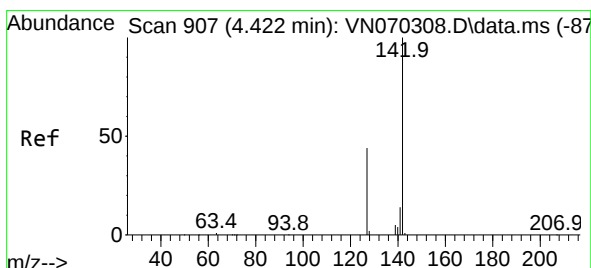
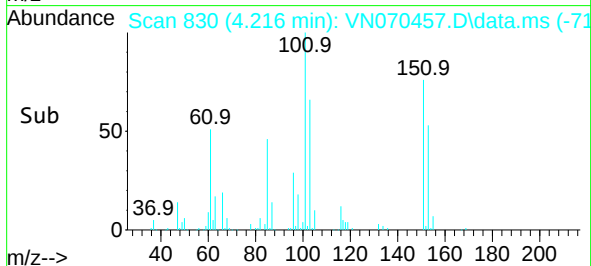
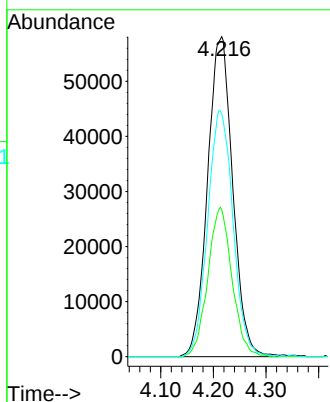
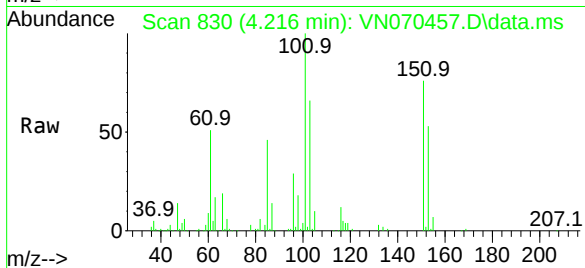
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.924 ug/l
RT: 4.216 min Scan# 81
Delta R.T. 0.006 min
Lab File: VN070457.D
Acq: 4 Jan 2022 12:30

Instrument :
MSVOA_N
ClientSampleId :
VN0104WBSD01

Tgt Ion:101 Resp: 193180
Ion Ratio Lower Upper
101 100
85 44.6 37.2 55.8
151 77.6 65.9 98.9

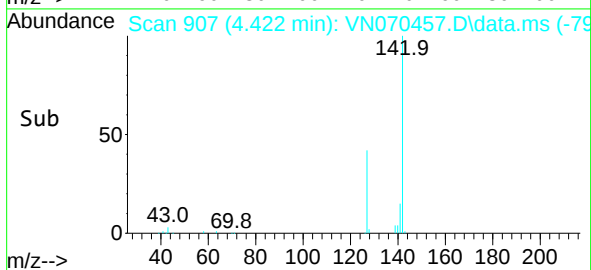
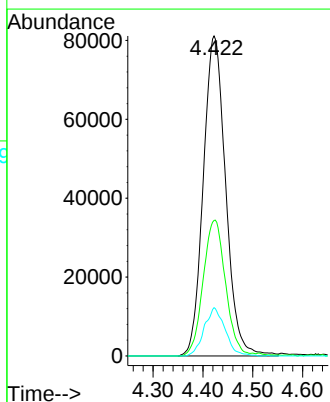
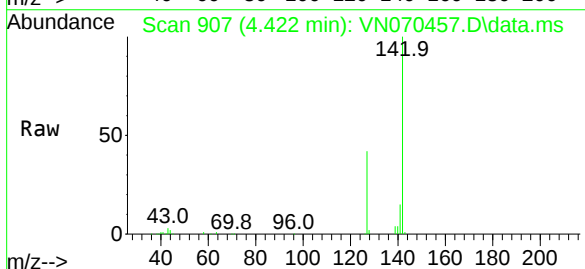
Manual Integrations
APPROVED

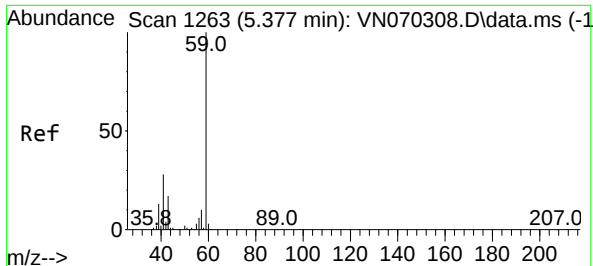
Reviewed By :John Carlone 01/05/2022
Supervised By :Mahesh Dadoda 01/05/2022



#10
Methyl Iodide
Concen: 19.334 ug/l
RT: 4.422 min Scan# 907
Delta R.T. 0.000 min
Lab File: VN070457.D
Acq: 4 Jan 2022 12:30

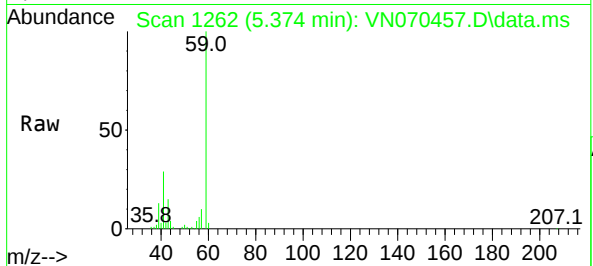
Tgt Ion:142 Resp: 253710
Ion Ratio Lower Upper
142 100
127 42.3 35.4 53.0
141 14.1 11.6 17.4





#11
Tert butyl alcohol
Concen: 87.176 ug/l
RT: 5.374 min Scan# 11
Delta R.T. -0.003 min
Lab File: VN070457.D
Acq: 4 Jan 2022 12:30

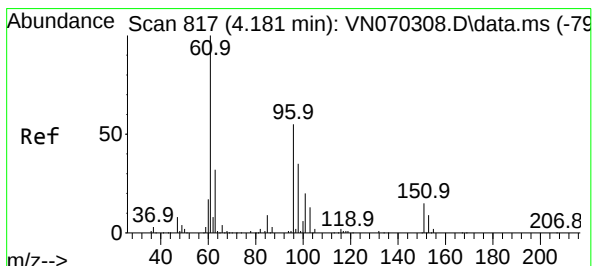
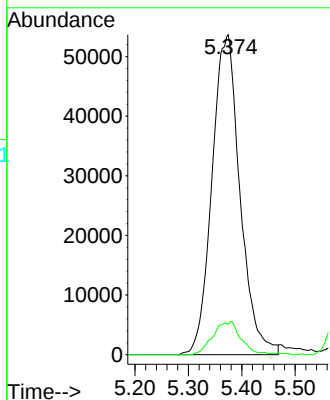
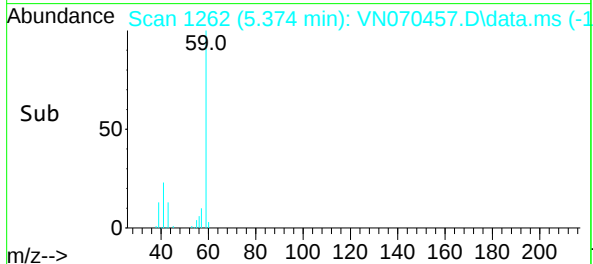
Instrument :
MSVOA_N
ClientSampleId :
VN0104WBSD01



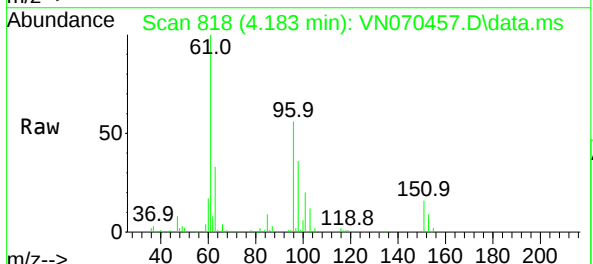
Tgt Ion: 59 Resp: 195712
Ion Ratio Lower Upper
59 100
57 5.7 8.7 13.1

Manual Integrations
APPROVED

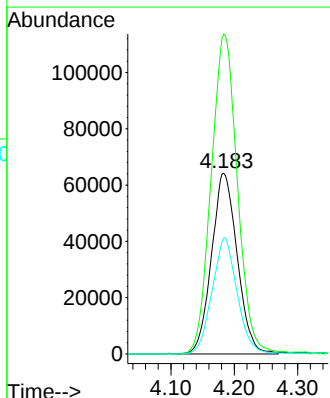
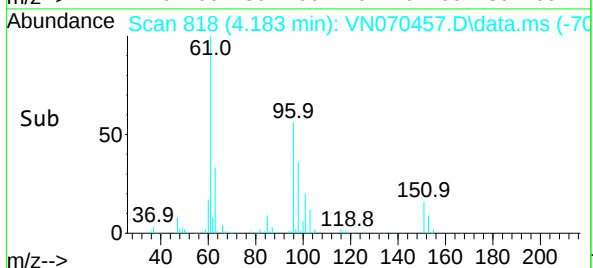
Reviewed By :John Carlone 01/05/2022
Supervised By :Mahesh Dadoda 01/05/2022

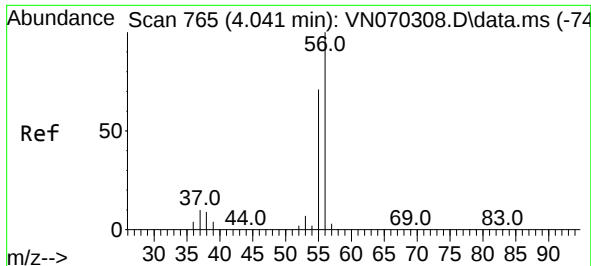


#12
1,1-Dichloroethene
Concen: 18.979 ug/l
RT: 4.183 min Scan# 818
Delta R.T. 0.002 min
Lab File: VN070457.D
Acq: 4 Jan 2022 12:30



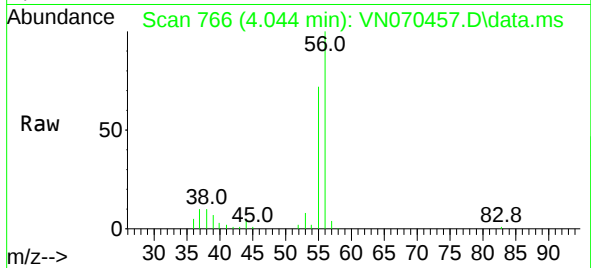
Tgt Ion: 96 Resp: 181258
Ion Ratio Lower Upper
96 100
61 177.1 131.0 196.6
98 64.1 52.4 78.6





#13
Acrolein
Concen: 64.197 ug/l
RT: 4.044 min Scan# 70
Delta R.T. 0.003 min
Lab File: VN070457.D
Acq: 4 Jan 2022 12:30

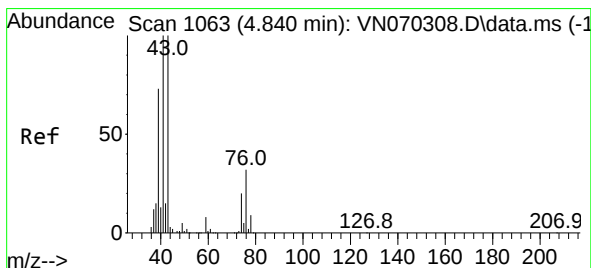
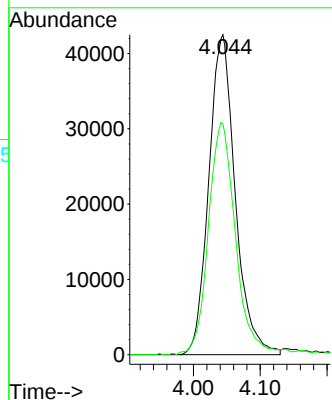
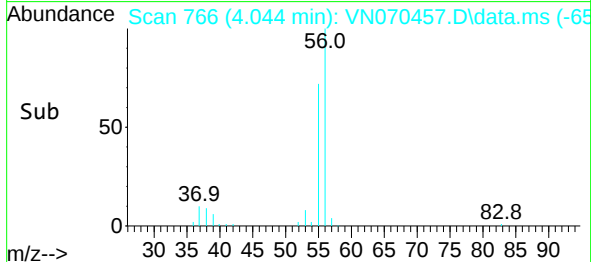
Instrument :
MSVOA_N
ClientSampleId :
VN0104WBSD01



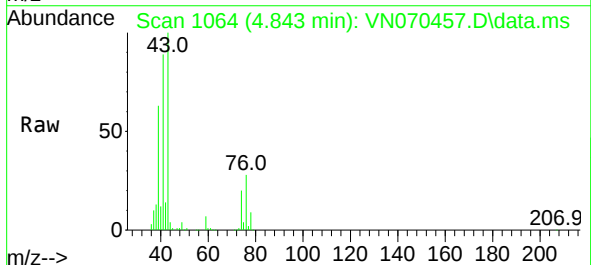
Tgt Ion: 56 Resp: 116940
Ion Ratio Lower Upper
56 100
55 73.8 56.6 85.0

Manual Integrations
APPROVED

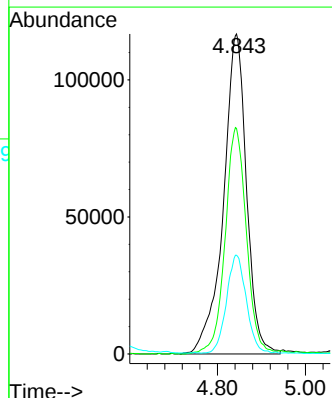
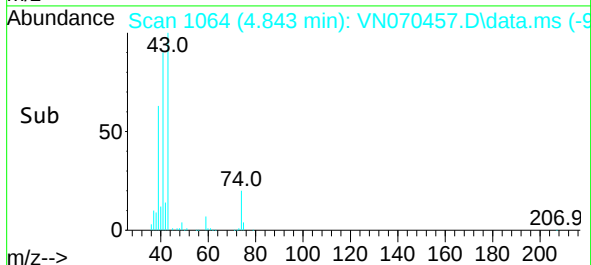
Reviewed By :John Carlone 01/05/2022
Supervised By :Mahesh Dadoda 01/05/2022

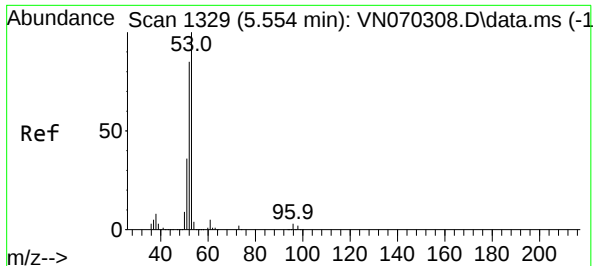


#14
Allyl chloride
Concen: 19.653 ug/l
RT: 4.843 min Scan# 1064
Delta R.T. 0.003 min
Lab File: VN070457.D
Acq: 4 Jan 2022 12:30



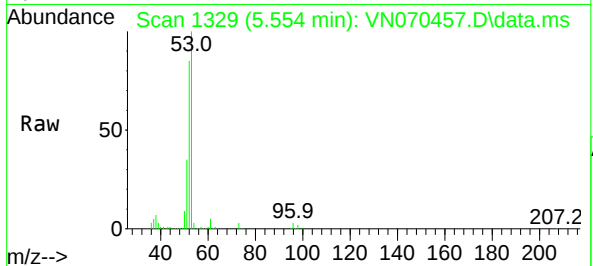
Tgt Ion: 41 Resp: 425553
Ion Ratio Lower Upper
41 100
39 65.1 61.2 91.8
76 26.1 26.0 39.0





#15
Acrylonitrile
Concen: 98.034 ug/l
RT: 5.554 min Scan# 1329
Delta R.T. -0.000 min
Lab File: VN070457.D
Acq: 4 Jan 2022 12:30

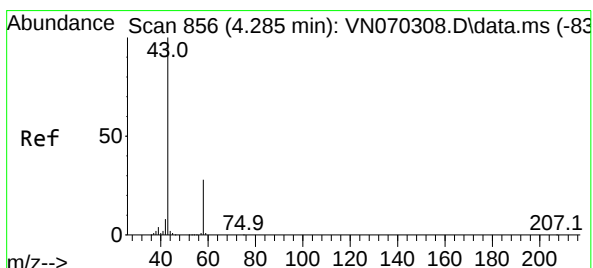
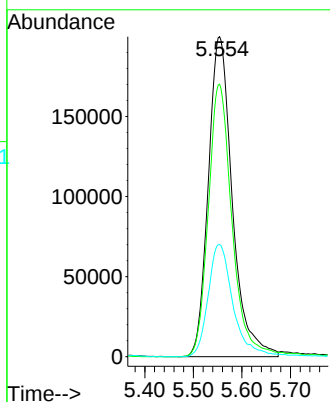
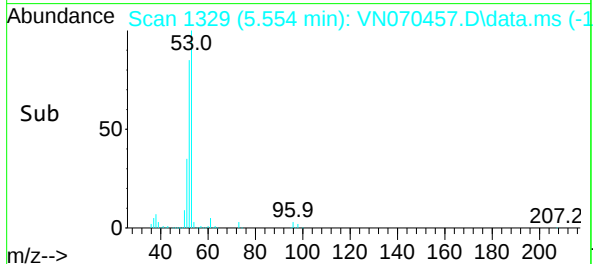
Instrument :
MSVOA_N
ClientSampleId :
VN0104WBSD01



Tgt Ion: 53 Resp: 686799
Ion Ratio Lower Upper
53 100
52 84.2 66.2 99.2
51 36.4 29.6 44.4

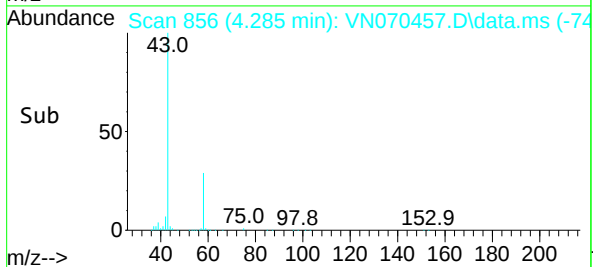
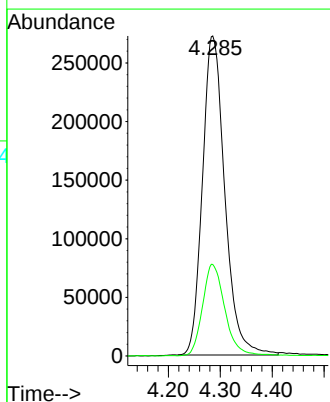
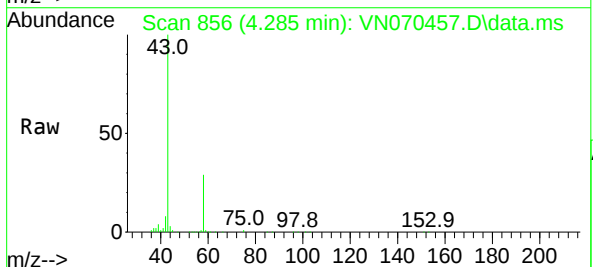
Manual Integrations
APPROVED

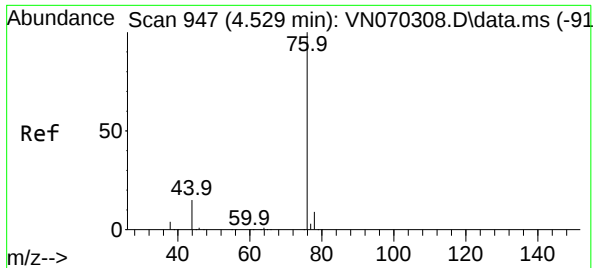
Reviewed By :John Carlone 01/05/2022
Supervised By :Mahesh Dadoda 01/05/2022



#16
Acetone
Concen: 93.155 ug/l
RT: 4.285 min Scan# 856
Delta R.T. 0.000 min
Lab File: VN070457.D
Acq: 4 Jan 2022 12:30

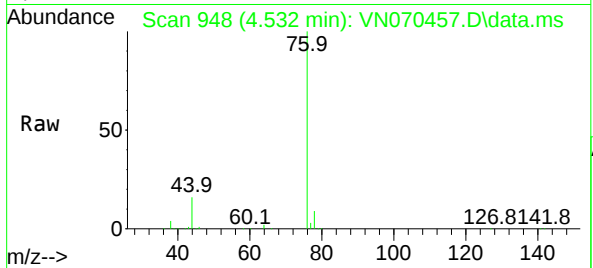
Tgt Ion: 43 Resp: 815354
Ion Ratio Lower Upper
43 100
58 28.6 23.1 34.7





#17
Carbon Disulfide
Concen: 17.677 ug/l
RT: 4.532 min Scan# 947
Delta R.T. 0.003 min
Lab File: VN070457.D
Acq: 4 Jan 2022 12:30

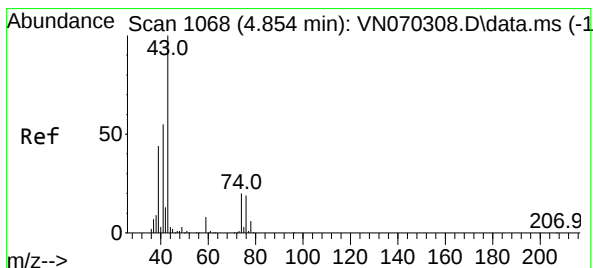
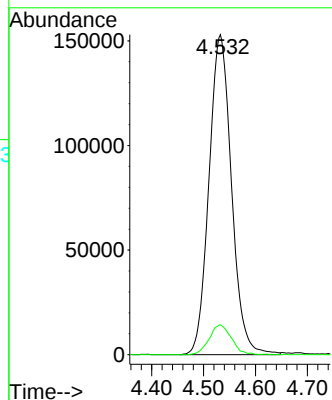
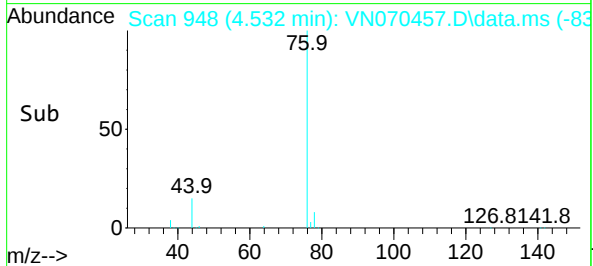
Instrument :
MSVOA_N
ClientSampleId :
VN0104WBSD01



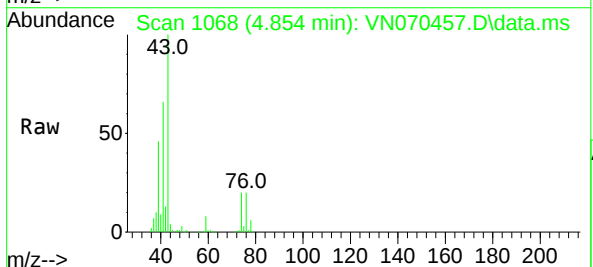
Tgt Ion: 76 Resp: 460840
Ion Ratio Lower Upper
76 100
78 9.3 7.5 11.3

Manual Integrations
APPROVED

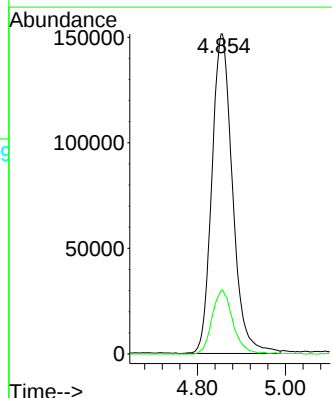
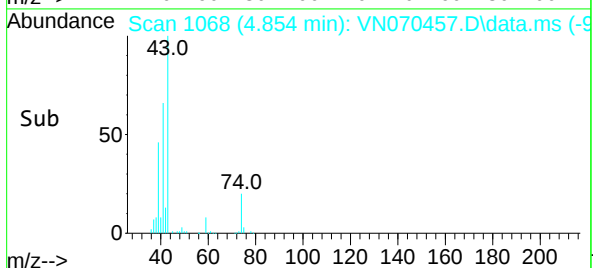
Reviewed By :John Carlone 01/05/2022
Supervised By :Mahesh Dadoda 01/05/2022

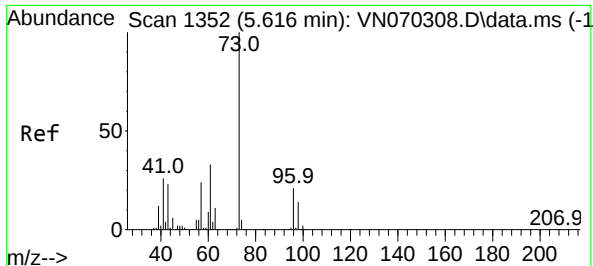


#18
Methyl Acetate
Concen: 19.459 ug/l
RT: 4.854 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VN070457.D
Acq: 4 Jan 2022 12:30



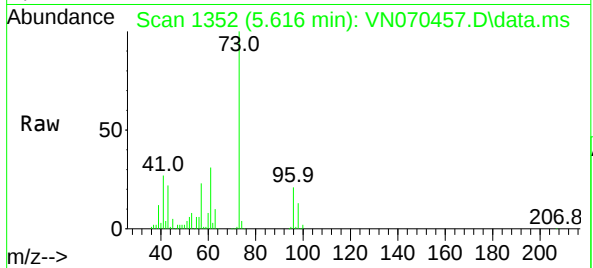
Tgt Ion: 43 Resp: 492671
Ion Ratio Lower Upper
43 100
74 20.0 19.4 29.2





#19
Methyl tert-butyl Ether
Concen: 20.630 ug/l
RT: 5.616 min Scan# 1152
Delta R.T. -0.000 min
Lab File: VN070457.D
Acq: 4 Jan 2022 12:30

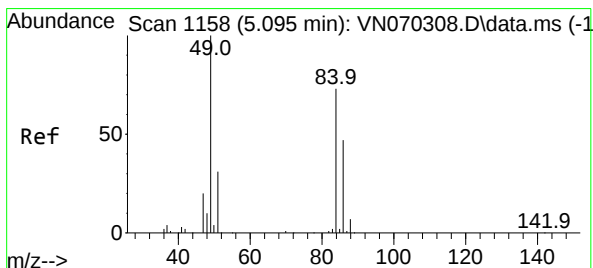
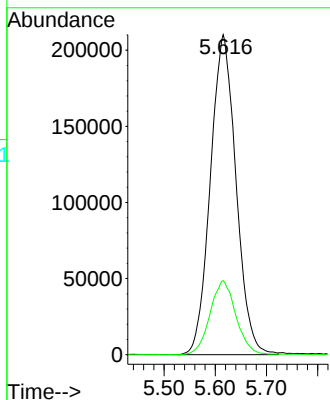
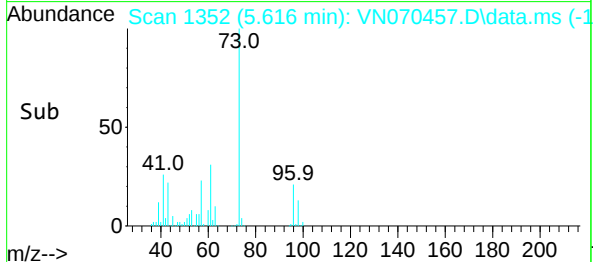
Instrument :
MSVOA_N
ClientSampleId :
VN0104WBSD01



Tgt Ion: 73 Resp: 731700
Ion Ratio Lower Upper
73 100
57 23.2 16.8 25.2

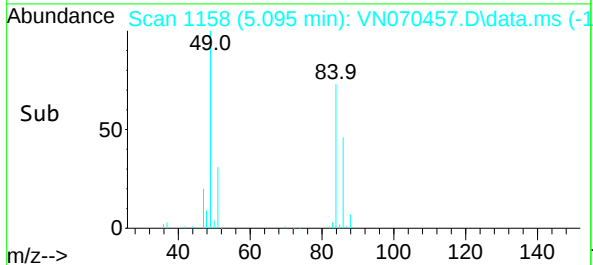
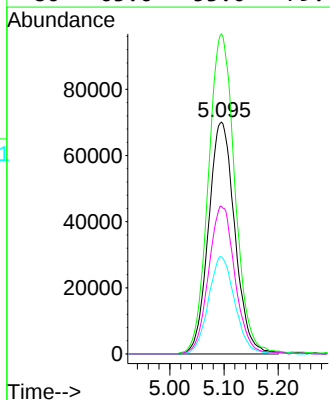
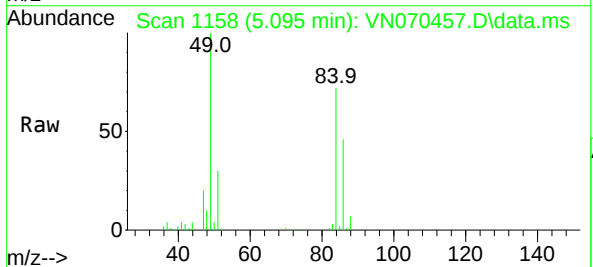
Manual Integrations
APPROVED

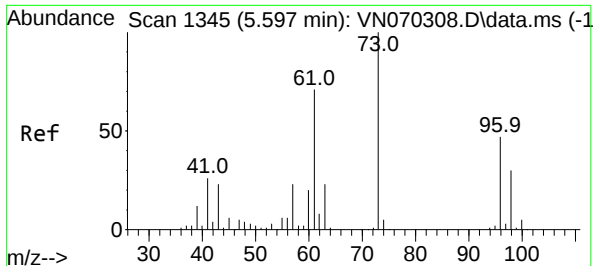
Reviewed By :John Carlone 01/05/2022
Supervised By :Mahesh Dadoda 01/05/2022



#20
Methylene Chloride
Concen: 19.514 ug/l
RT: 5.095 min Scan# 1158
Delta R.T. 0.000 min
Lab File: VN070457.D
Acq: 4 Jan 2022 12:30

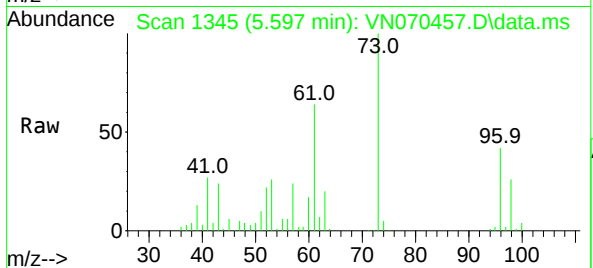
Tgt Ion: 84 Resp: 236315
Ion Ratio Lower Upper
84 100
49 137.8 93.5 140.3
51 42.0 29.4 44.2
86 63.6 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 19.361 ug/l
RT: 5.597 min Scan# 1345
Delta R.T. -0.000 min
Lab File: VN070457.D
Acq: 4 Jan 2022 12:30

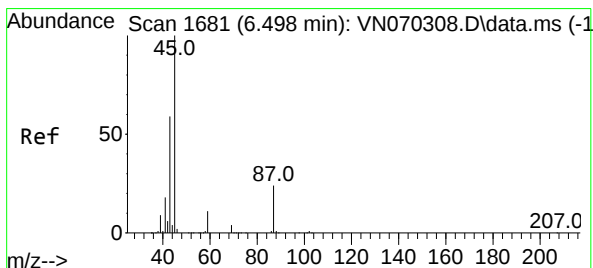
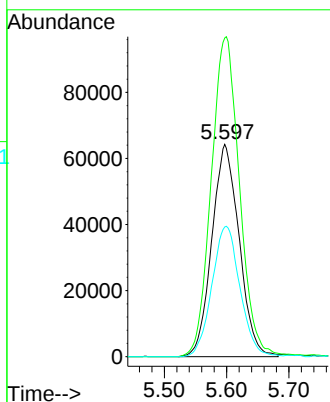
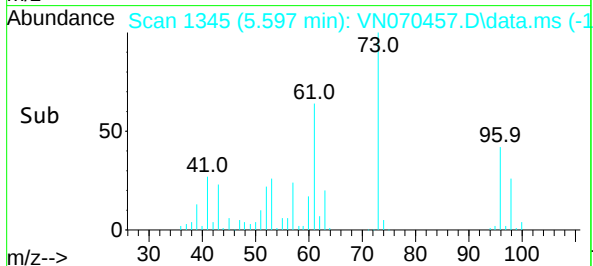
Instrument :
MSVOA_N
ClientSampleId :
VN0104WBSD01



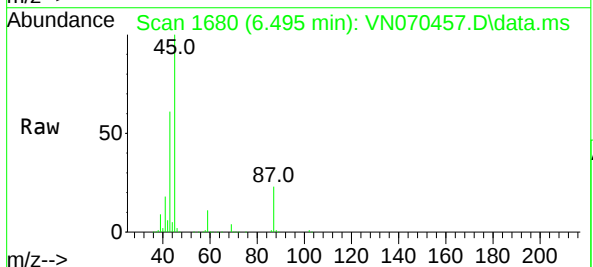
Tgt Ion: 96 Resp: 195778
Ion Ratio Lower Upper
96 100
61 150.0 105.8 158.6
98 61.1 52.0 78.0

Manual Integrations
APPROVED

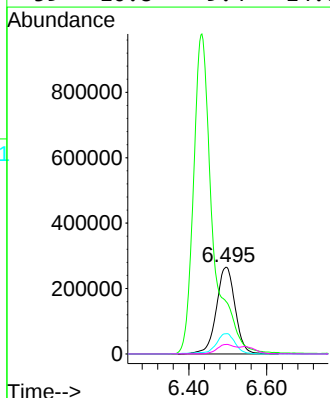
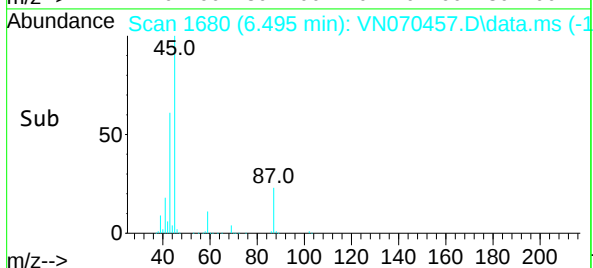
Reviewed By :John Carlone 01/05/2022
Supervised By :Mahesh Dadoda 01/05/2022

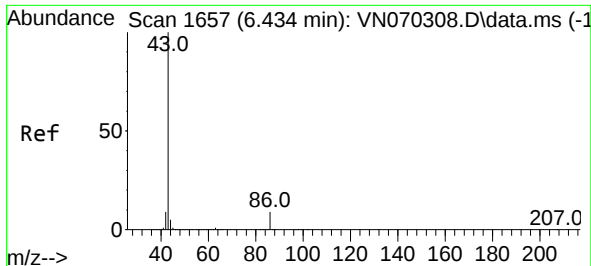


#22
Diisopropyl ether
Concen: 21.150 ug/l
RT: 6.495 min Scan# 1680
Delta R.T. -0.003 min
Lab File: VN070457.D
Acq: 4 Jan 2022 12:30



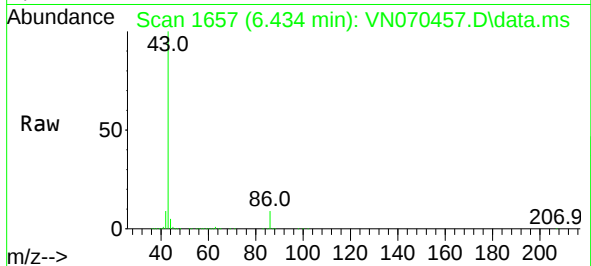
Tgt Ion: 45 Resp: 892021
Ion Ratio Lower Upper
45 100
43 59.2 51.7 77.5
87 23.2 23.2 34.8#
59 10.8 9.4 14.0





#23
 Vinyl Acetate
 Concen: 102.019 ug/l
 RT: 6.434 min Scan# 1657
 Delta R.T. -0.000 min
 Lab File: VN070457.D
 Acq: 4 Jan 2022 12:30

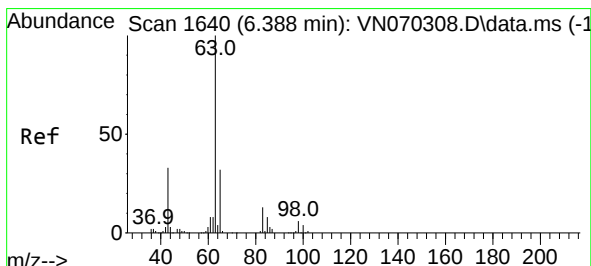
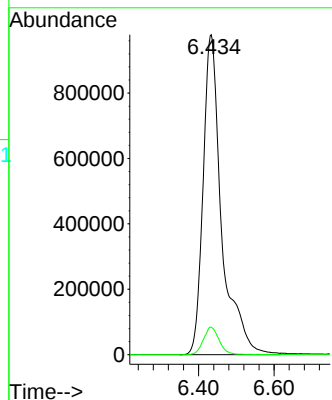
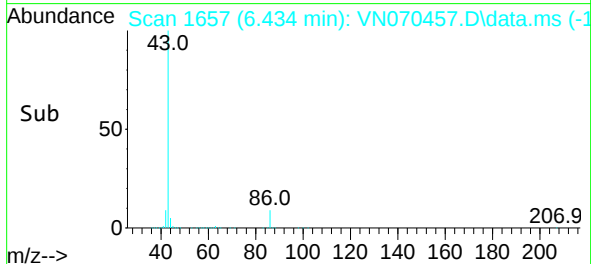
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0104WBSD01



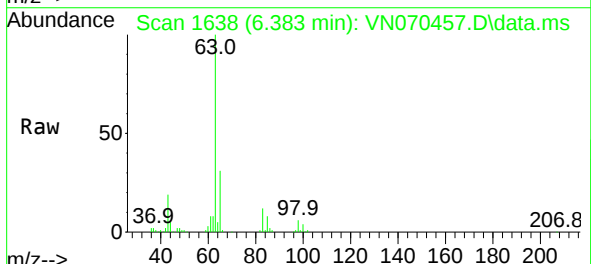
Tgt Ion: 43 Resp: 333834
 Ion Ratio Lower Upper
 43 100
 86 8.5 8.5 12.7

Manual Integrations
 APPROVED

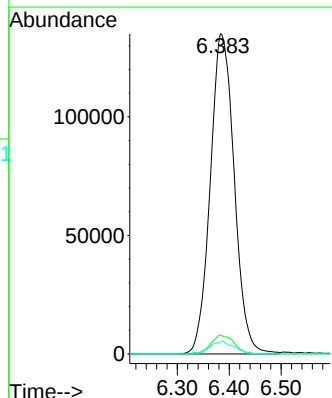
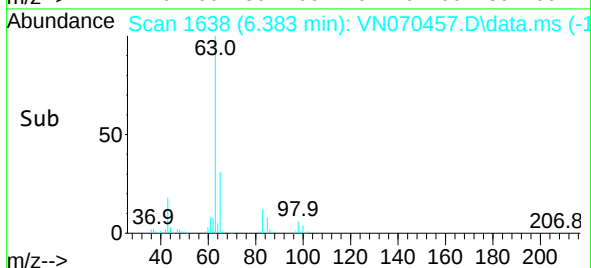
Reviewed By :John Carlone 01/05/2022
 Supervised By :Mahesh Dadoda 01/05/2022

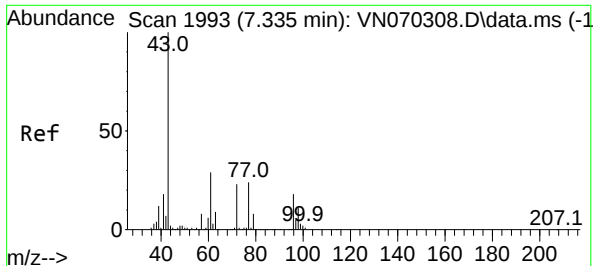


#24
 1,1-Dichloroethane
 Concen: 19.823 ug/l
 RT: 6.383 min Scan# 1638
 Delta R.T. -0.005 min
 Lab File: VN070457.D
 Acq: 4 Jan 2022 12:30



Tgt Ion: 63 Resp: 433495
 Ion Ratio Lower Upper
 63 100
 98 5.9 3.3 9.9
 100 3.6 2.1 6.5





#25

2-Butanone

Concen: 95.547 ug/l

RT: 7.335 min Scan# 1993

Delta R.T. -0.000 min

Lab File: VN070457.D

Acq: 4 Jan 2022 12:30

Instrument :

MSVOA_N

ClientSampleId :

VN0104WBSD01

Tgt Ion: 43 Resp: 1052990

Ion Ratio Lower Upper

43 100

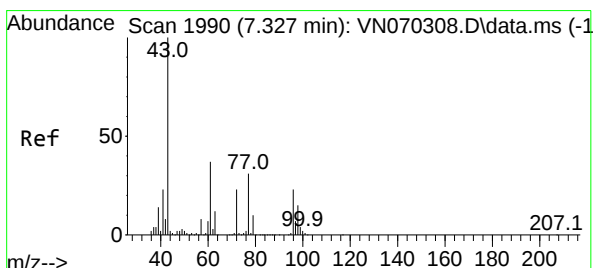
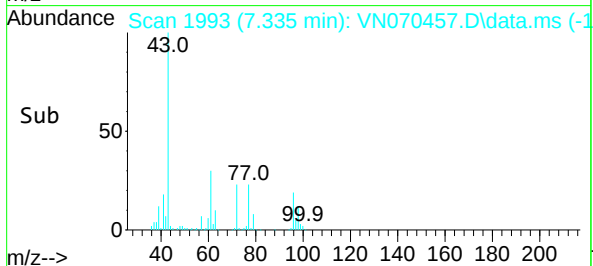
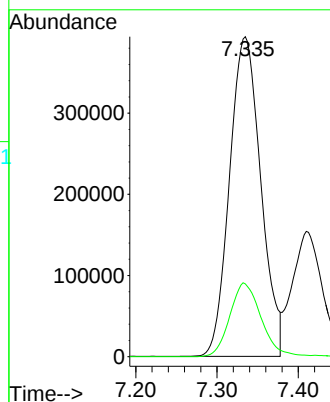
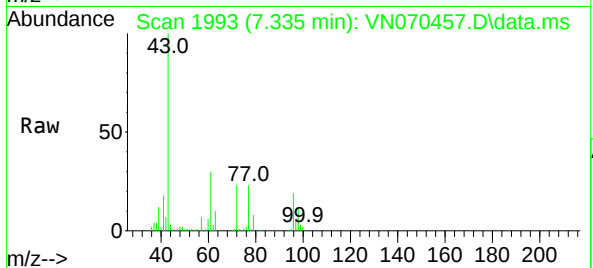
72 22.8 21.7 32.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/05/2022

Supervised By :Mahesh Dadoda 01/05/2022



#26

2,2-Dichloropropane

Concen: 18.282 ug/l

RT: 7.324 min Scan# 1989

Delta R.T. -0.003 min

Lab File: VN070457.D

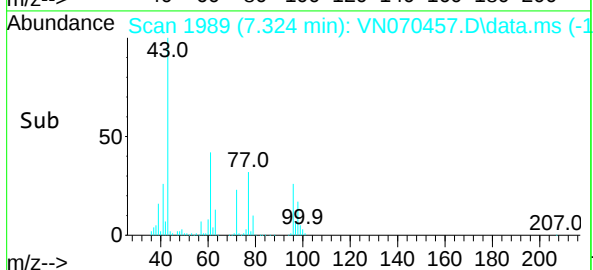
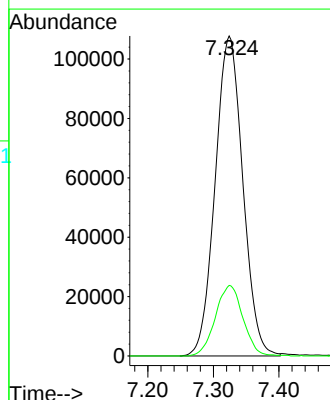
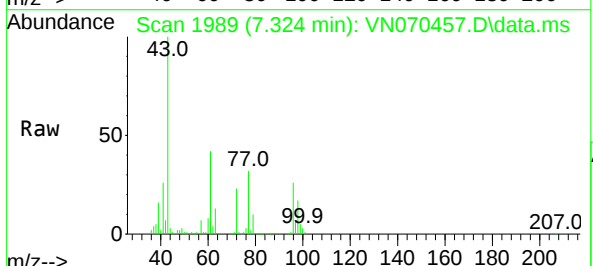
Acq: 4 Jan 2022 12:30

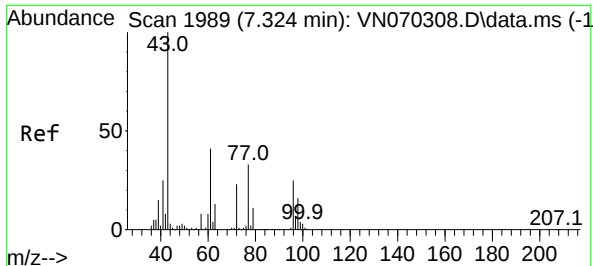
Tgt Ion: 77 Resp: 315406

Ion Ratio Lower Upper

77 100

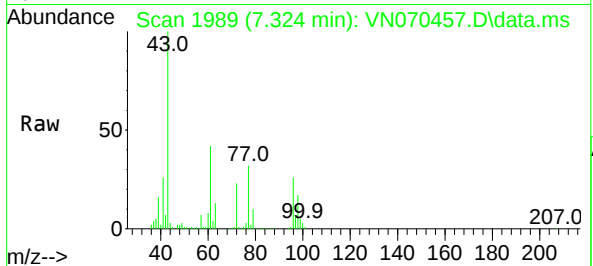
97 22.0 11.6 34.8





#27
 cis-1,2-Dichloroethene
 Concen: 19.970 ug/l
 RT: 7.324 min Scan# 1989
 Delta R.T. 0.000 min
 Lab File: VN070457.D
 Acq: 4 Jan 2022 12:30

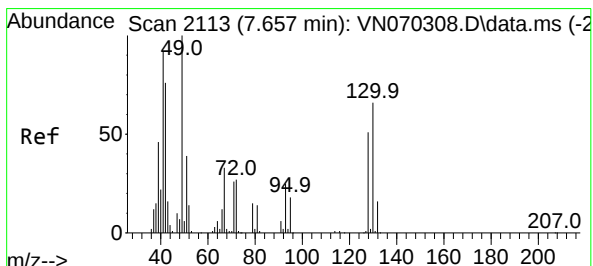
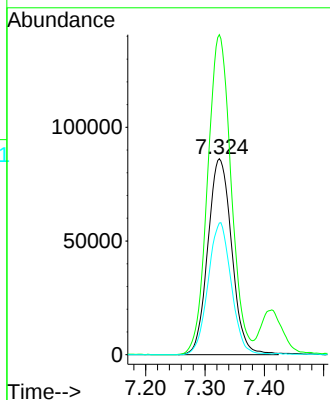
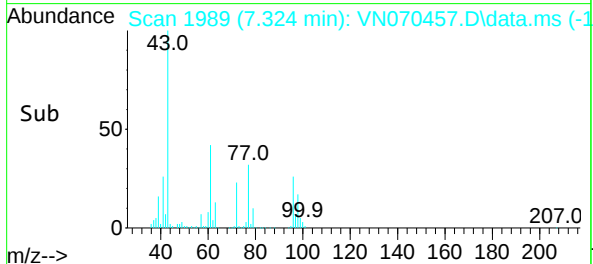
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0104WBSD01



Tgt Ion: 96 Resp: 24096
 Ion Ratio Lower Upper
 96 100
 61 160.8 0.0 275.0
 98 65.3 0.0 129.6

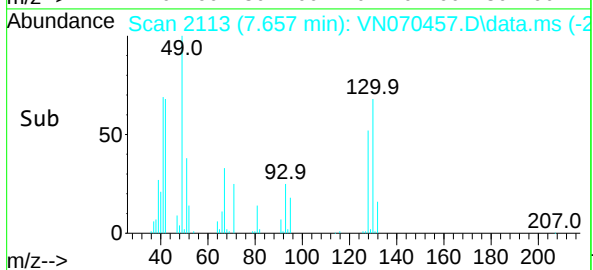
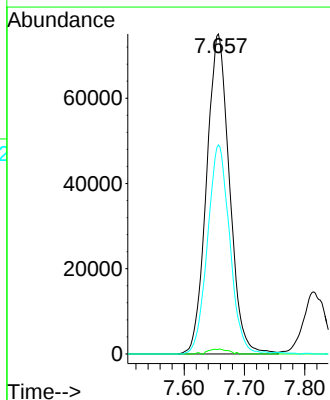
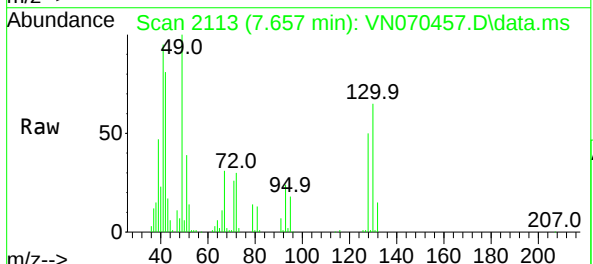
Manual Integrations
 APPROVED

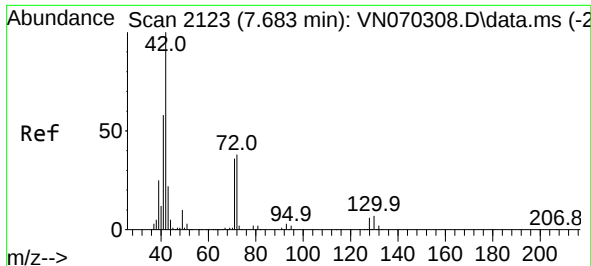
Reviewed By :John Carlone 01/05/2022
 Supervised By :Mahesh Dadoda 01/05/2022



#28
 Bromochloromethane
 Concen: 18.504 ug/l
 RT: 7.657 min Scan# 2113
 Delta R.T. -0.000 min
 Lab File: VN070457.D
 Acq: 4 Jan 2022 12:30

Tgt Ion: 49 Resp: 197897
 Ion Ratio Lower Upper
 49 100
 129 0.6 0.0 4.0
 130 63.3 67.8 101.8#





#29

Tetrahydrofuran

Concen: 98.442 ug/l

RT: 7.686 min Scan# 2123

Delta R.T. 0.003 min

Lab File: VN070457.D

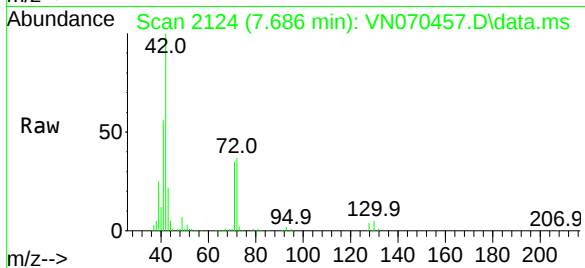
Acq: 4 Jan 2022 12:30

Instrument :

MSVOA_N

ClientSampleId :

VN0104WBSD01



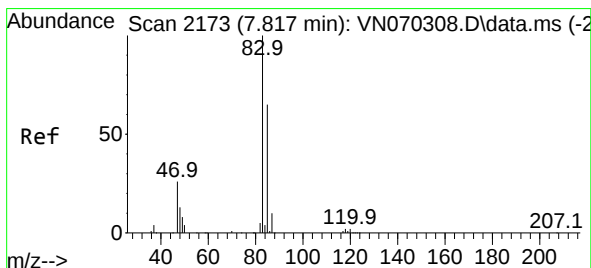
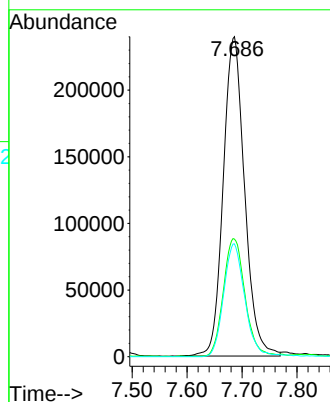
Tgt Ion:	42	Ratio	100	Lower	Upper
42	100				
72	37.3		36.3	54.5	
71	34.9		34.7	52.1	

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/05/2022

Supervised By :Mahesh Dadoda 01/05/2022



#30

Chloroform

Concen: 19.864 ug/l

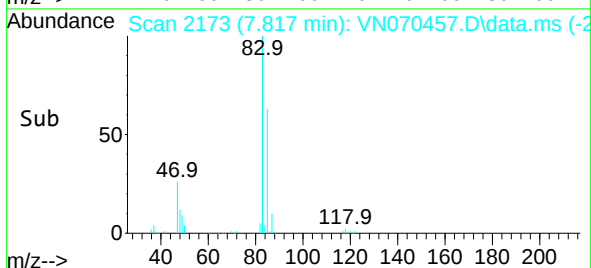
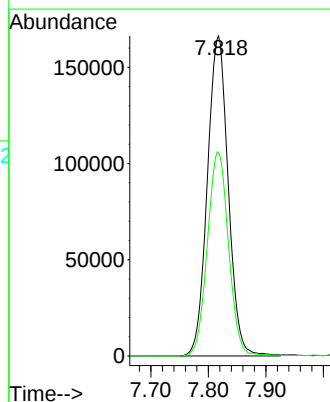
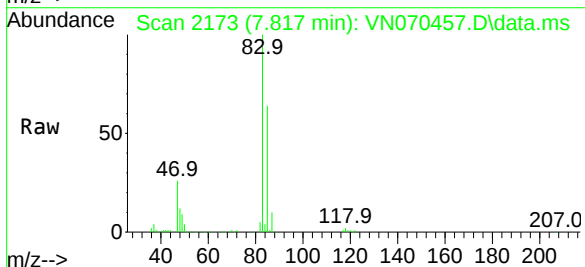
RT: 7.817 min Scan# 2173

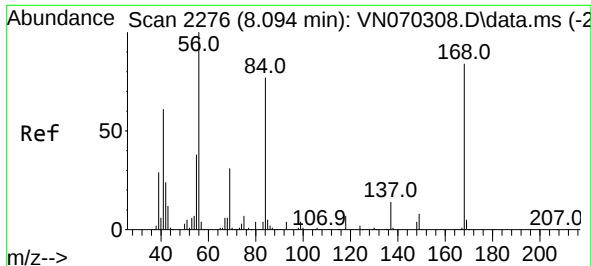
Delta R.T. 0.000 min

Lab File: VN070457.D

Acq: 4 Jan 2022 12:30

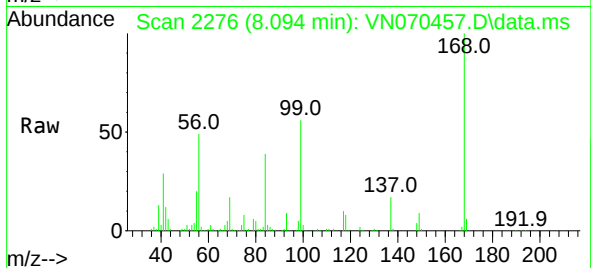
Tgt Ion:	83	Ratio	100	Lower	Upper
83	100				
85	63.7		51.9	77.9	





#31
Cyclohexane
Concen: 19.862 ug/l
RT: 8.094 min Scan# 2276
Delta R.T. -0.000 min
Lab File: VN070457.D
Acq: 4 Jan 2022 12:30

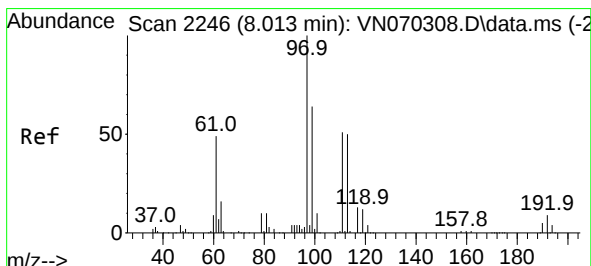
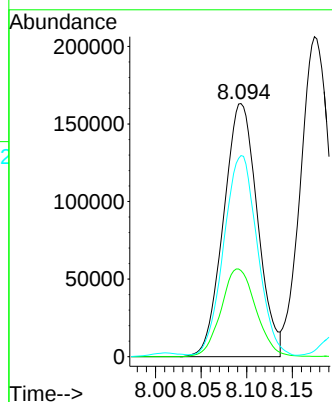
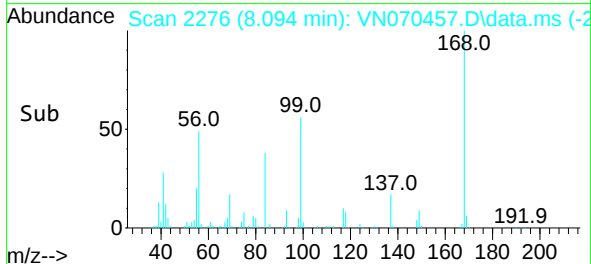
Instrument :
MSVOA_N
ClientSampleId :
VN0104WBSD01



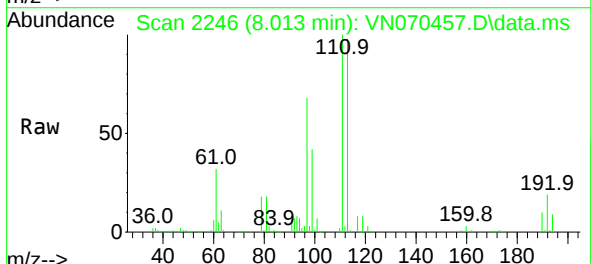
Tgt Ion: 56 Resp: 42260
Ion Ratio Lower Upper
56 100
69 33.8 27.1 40.7
84 78.4 73.4 110.0

Manual Integrations
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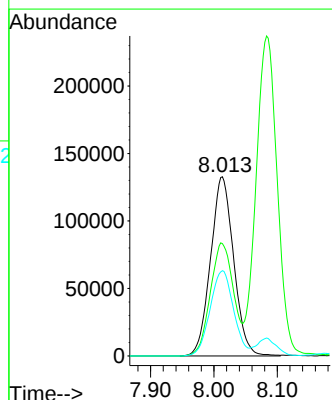
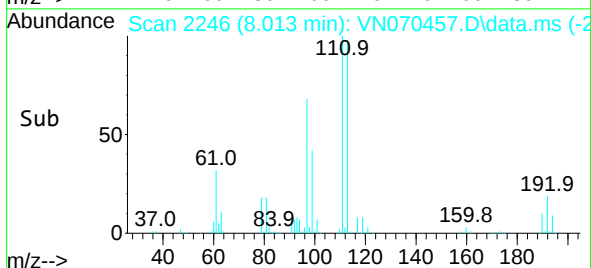
Reviewed By :John Carlone 01/05/2022
Supervised By :Mahesh Dadoda 01/05/2022

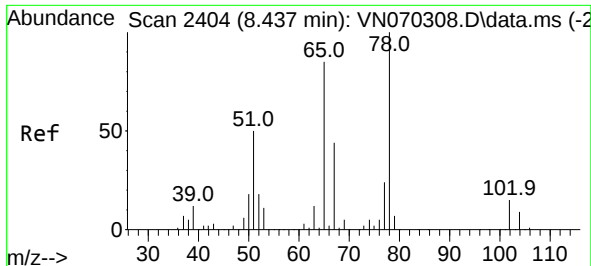


#32
1,1,1-Trichloroethane
Concen: 18.929 ug/l
RT: 8.013 min Scan# 2246
Delta R.T. 0.000 min
Lab File: VN070457.D
Acq: 4 Jan 2022 12:30



Tgt Ion: 97 Resp: 336717
Ion Ratio Lower Upper
97 100
99 63.4 50.1 75.1
61 48.4 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 52.102 ug/l

RT: 8.434 min Scan# 2404

Delta R.T. -0.003 min

Lab File: VN070457.D

Acq: 4 Jan 2022 12:30

Instrument :

MSVOA_N

ClientSampleId :

VN0104WBSD01

Tgt Ion: 65 Resp: 70249

Ion Ratio Lower Upper

65 100

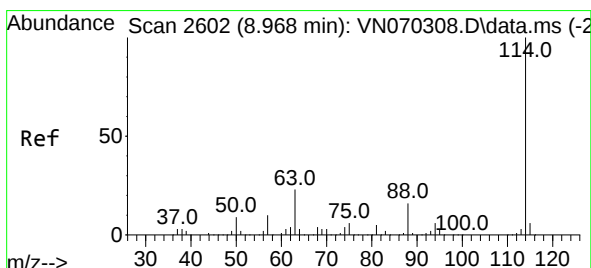
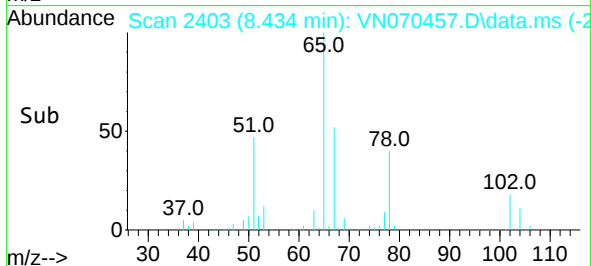
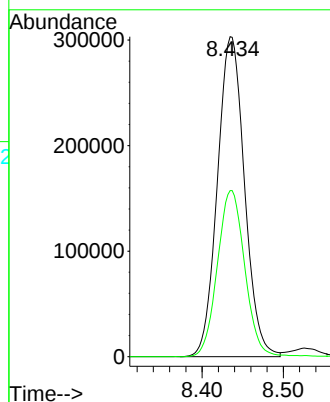
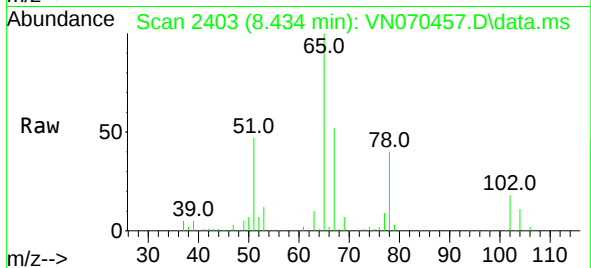
67 52.3 0.0 103.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/05/2022

Supervised By :Mahesh Dadoda 01/05/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.965 min Scan# 2601

Delta R.T. -0.003 min

Lab File: VN070457.D

Acq: 4 Jan 2022 12:30

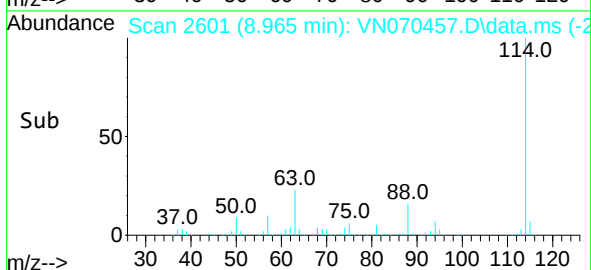
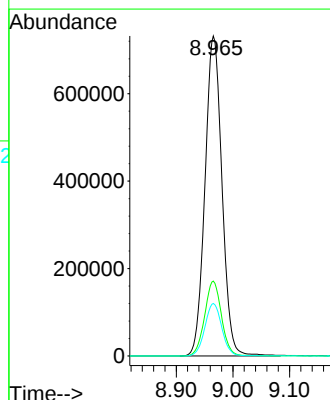
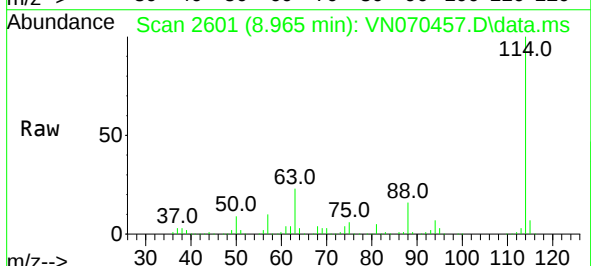
Tgt Ion:114 Resp: 1525692

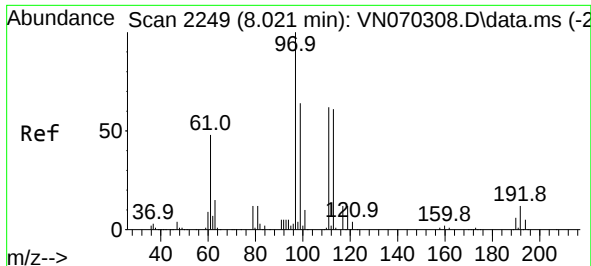
Ion Ratio Lower Upper

114 100

63 23.4 0.0 37.8

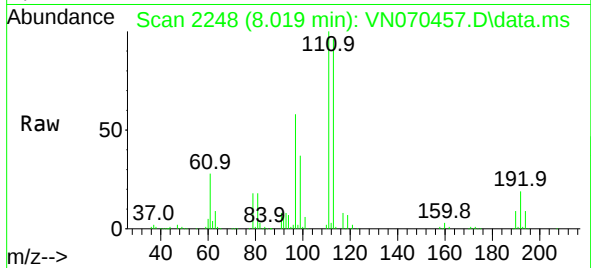
88 16.4 0.0 27.4





#35
Dibromofluoromethane
Concen: 54.798 ug/l
RT: 8.019 min Scan# 211
Delta R.T. -0.002 min
Lab File: VN070457.D
Acq: 4 Jan 2022 12:30

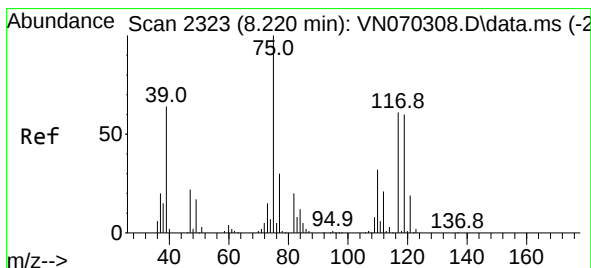
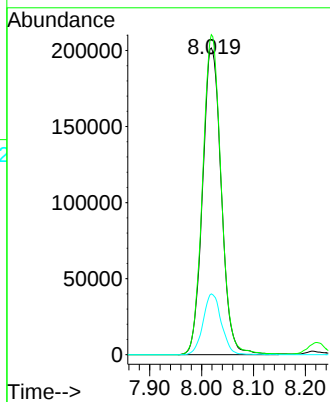
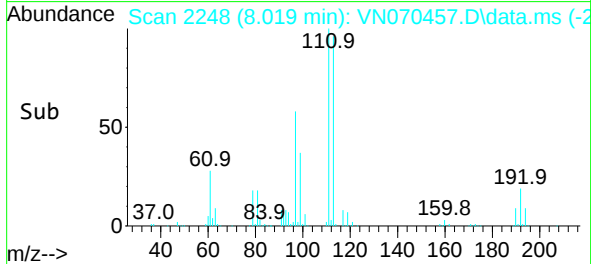
Instrument :
MSVOA_N
ClientSampleId :
VN0104WBSD01



Tgt Ion:113 Resp: 505854
Ion Ratio Lower Upper
113 100
111 103.0 82.2 123.2
192 19.3 16.9 25.3

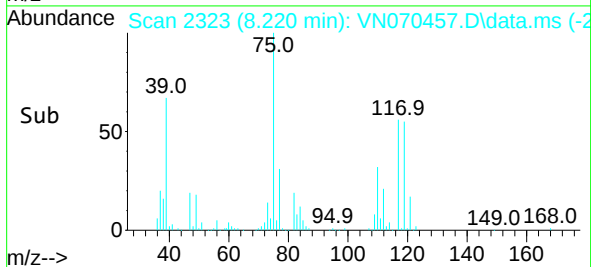
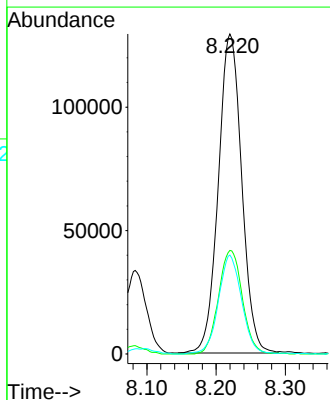
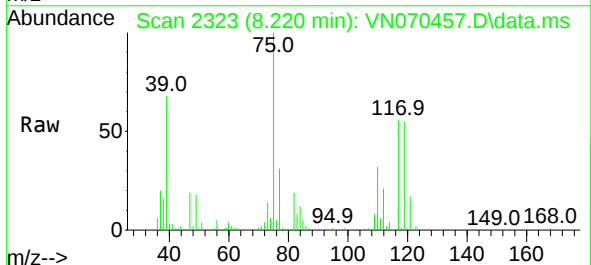
Manual Integrations
APPROVED

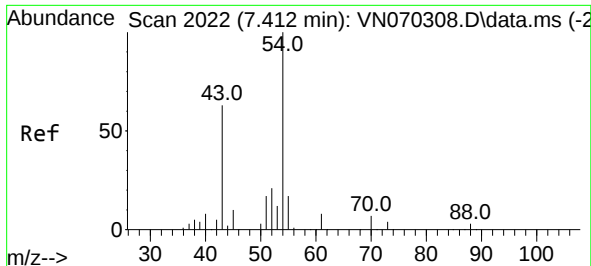
Reviewed By :John Carlone 01/05/2022
Supervised By :Mahesh Dadoda 01/05/2022



#36
1,1-Dichloropropene
Concen: 19.854 ug/l
RT: 8.220 min Scan# 2323
Delta R.T. -0.000 min
Lab File: VN070457.D
Acq: 4 Jan 2022 12:30

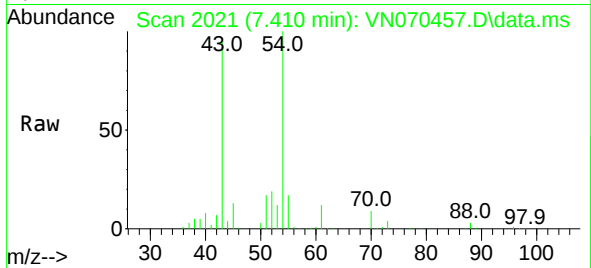
Tgt Ion: 75 Resp: 303183
Ion Ratio Lower Upper
75 100
110 33.1 18.4 55.2
77 30.8 24.4 36.6





#37
Ethyl Acetate
Concen: 19.546 ug/l
RT: 7.410 min Scan# 2022
Delta R.T. -0.002 min
Lab File: VN070457.D
Acq: 4 Jan 2022 12:30

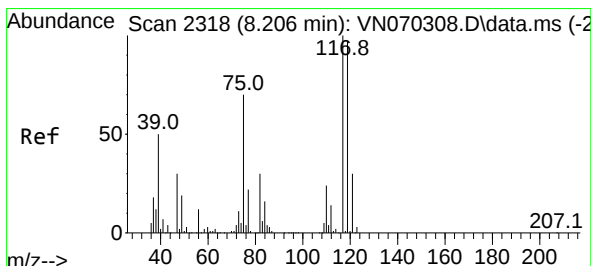
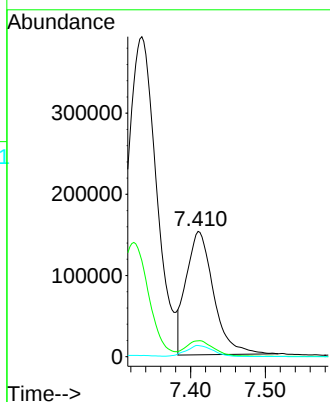
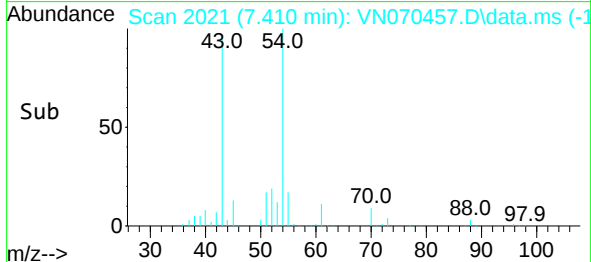
Instrument :
MSVOA_N
ClientSampleId :
VN0104WBSD01



Tgt Ion: 43 Resp: 386895
Ion Ratio Lower Upper
43 100
61 12.9 11.5 17.3
70 8.7 7.9 11.9

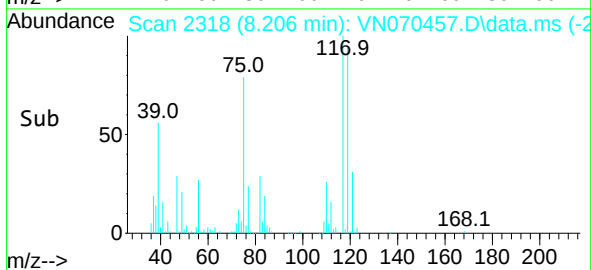
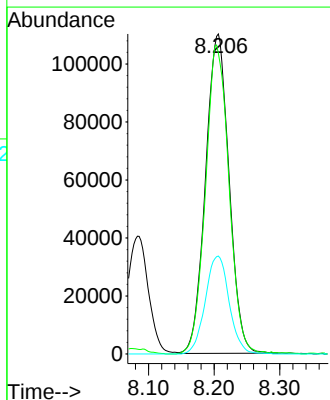
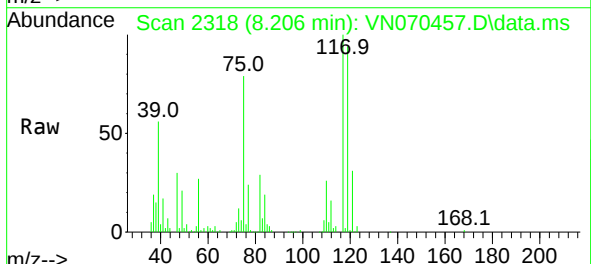
Manual Integrations
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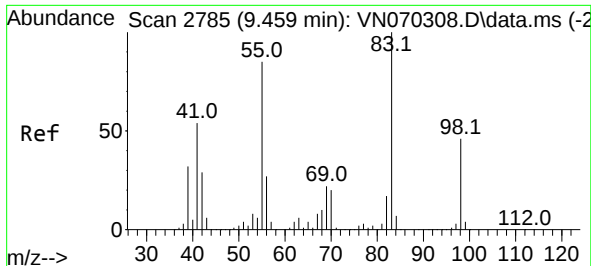
Reviewed By :John Carlone 01/05/2022
Supervised By :Mahesh Dadoda 01/05/2022



#38
Carbon Tetrachloride
Concen: 18.817 ug/l
RT: 8.206 min Scan# 2318
Delta R.T. 0.000 min
Lab File: VN070457.D
Acq: 4 Jan 2022 12:30

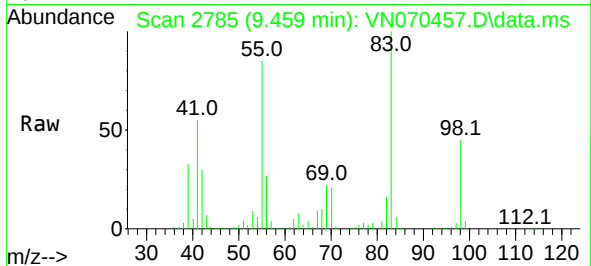
Tgt Ion:117 Resp: 274395
Ion Ratio Lower Upper
117 100
119 94.1 76.1 114.1
121 30.7 24.2 36.2





#39
Methylcyclohexane
Concen: 19.802 ug/l
RT: 9.459 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070457.D
Acq: 4 Jan 2022 12:30

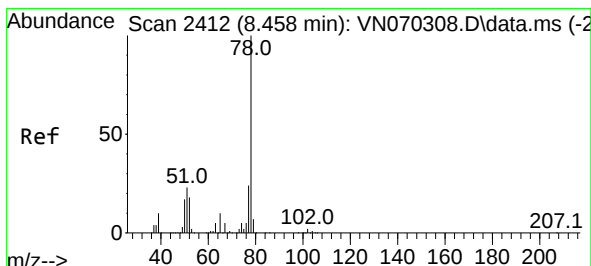
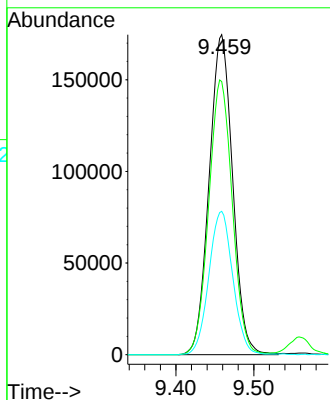
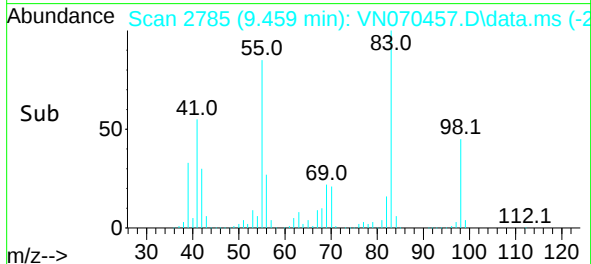
Instrument :
MSVOA_N
ClientSampleId :
VN0104WBSD01



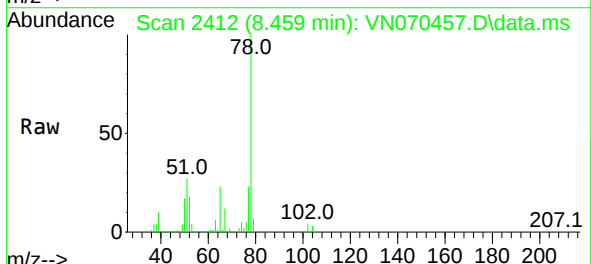
Tgt Ion: 83 Resp: 366094
Ion Ratio Lower Upper
83 100
55 85.3 58.1 87.1
98 44.8 38.4 57.6

Manual Integrations
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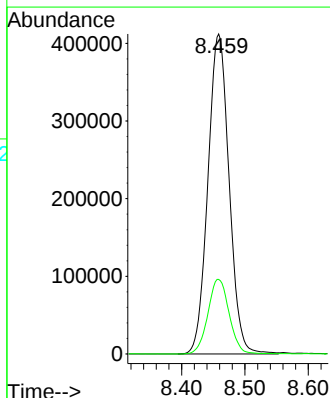
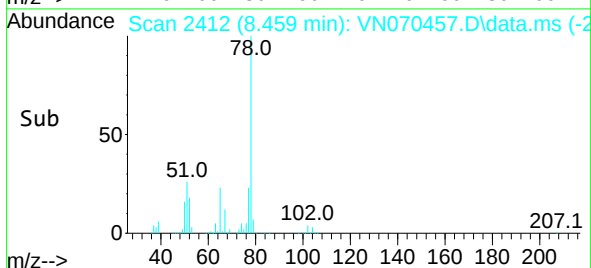
Reviewed By :John Carlone 01/05/2022
Supervised By :Mahesh Dadoda 01/05/2022

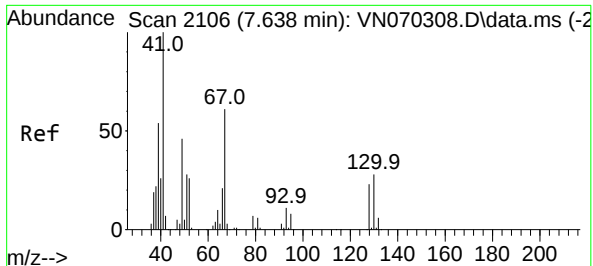


#40
Benzene
Concen: 20.443 ug/l
RT: 8.459 min Scan# 2412
Delta R.T. 0.001 min
Lab File: VN070457.D
Acq: 4 Jan 2022 12:30



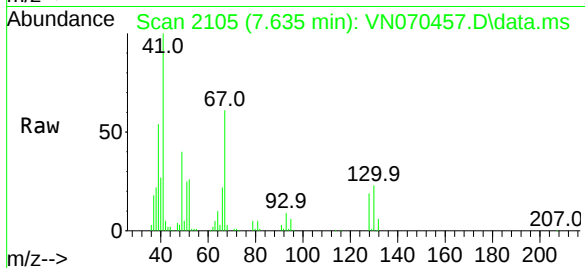
Tgt Ion: 78 Resp: 957089
Ion Ratio Lower Upper
78 100
77 23.3 18.6 27.8





#41
Methacrylonitrile
Concen: 21.118 ug/l
RT: 7.635 min Scan# 2106
Delta R.T. -0.003 min
Lab File: VN070457.D
Acq: 4 Jan 2022 12:30

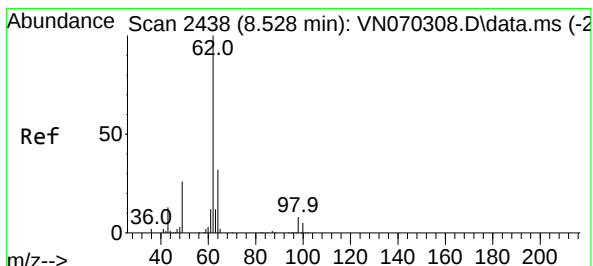
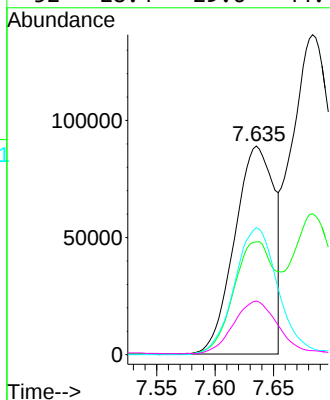
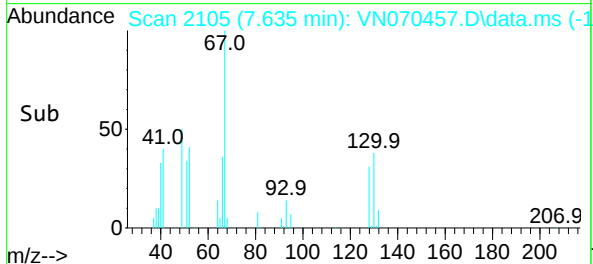
Instrument :
MSVOA_N
ClientSampleId :
VN0104WBSD01



Tgt Ion: 41 Resp: 209079
Ion Ratio Lower Upper
41 100
39 57.3 48.1 72.1
67 68.2 68.3 102.5
52 28.4 29.6 44.4#

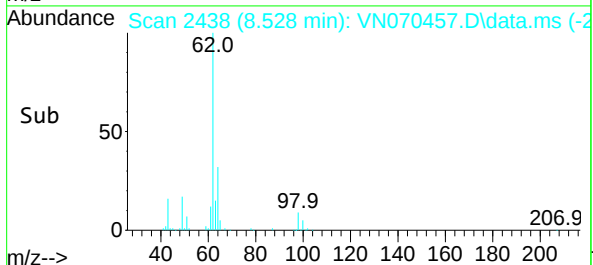
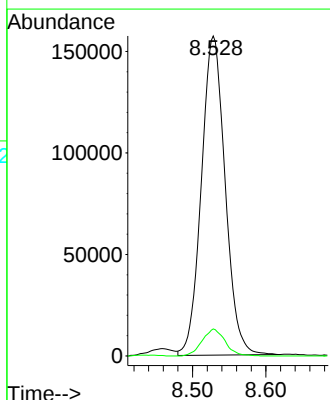
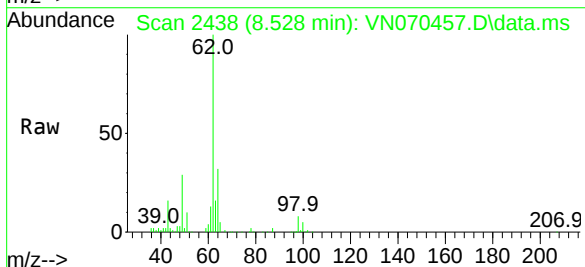
Manual Integrations
APPROVED

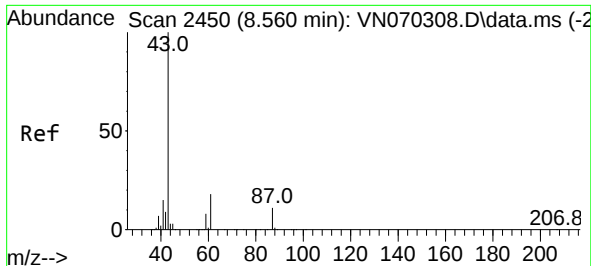
Reviewed By :John Carlone 01/05/2022
Supervised By :Mahesh Dadoda 01/05/2022



#42
1,2-Dichloroethane
Concen: 20.155 ug/l
RT: 8.528 min Scan# 2438
Delta R.T. 0.000 min
Lab File: VN070457.D
Acq: 4 Jan 2022 12:30

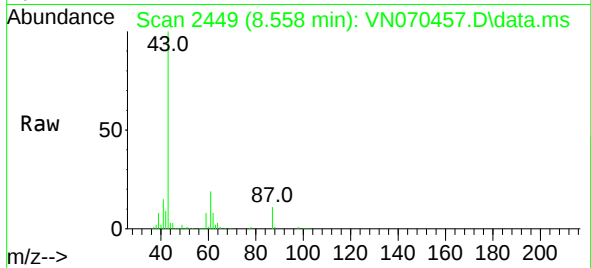
Tgt Ion: 62 Resp: 354677
Ion Ratio Lower Upper
62 100
98 8.2 0.0 17.6





#43
Isopropyl Acetate
Concen: 19.925 ug/l
RT: 8.558 min Scan# 2449
Delta R.T. -0.002 min
Lab File: VN070457.D
Acq: 4 Jan 2022 12:30

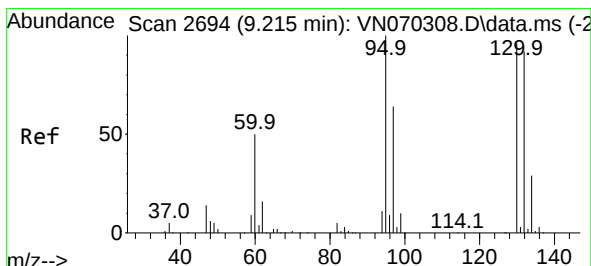
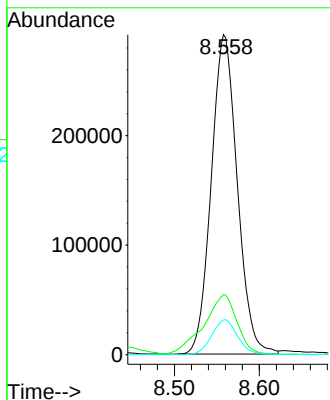
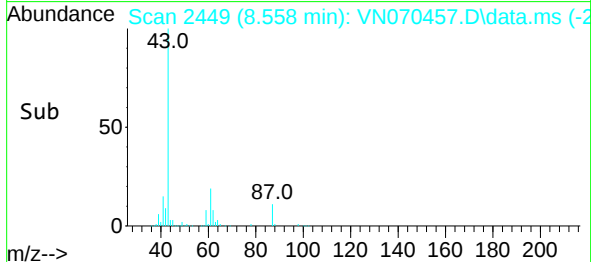
Instrument : MSVOA_N
ClientSampleId : VN0104WBSD01



Tgt Ion: 43 Resp: 621834
Ion Ratio Lower Upper
43 100
61 23.6 20.4 30.6
87 10.9 11.2 16.8

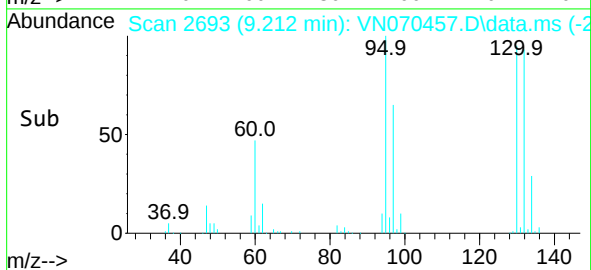
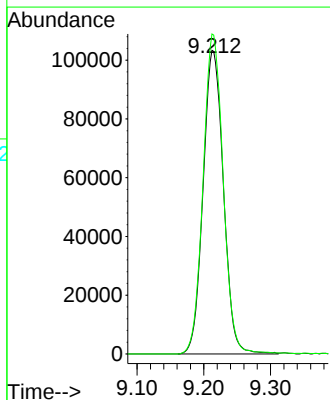
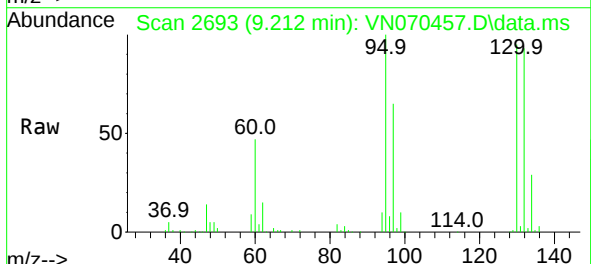
Manual Integrations
APPROVED

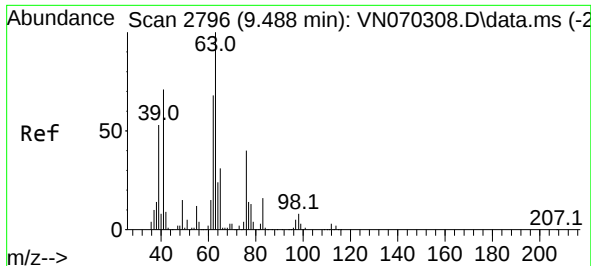
Reviewed By :John Carlone 01/05/2022
Supervised By :Mahesh Dadoda 01/05/2022



#44
Trichloroethene
Concen: 19.639 ug/l
RT: 9.212 min Scan# 2693
Delta R.T. -0.003 min
Lab File: VN070457.D
Acq: 4 Jan 2022 12:30

Tgt Ion:130 Resp: 218469
Ion Ratio Lower Upper
130 100
95 105.4 0.0 191.2





#45

1,2-Dichloropropane

Concen: 21.077 ug/l

RT: 9.488 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN070457.D

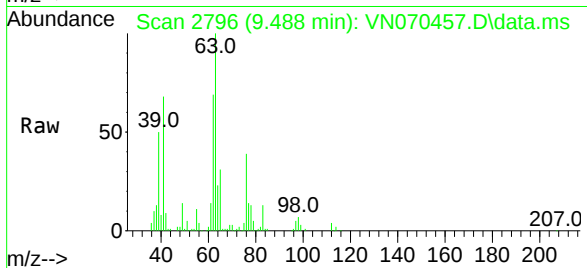
Acq: 4 Jan 2022 12:30

Instrument :

MSVOA_N

ClientSampleId :

VN0104WBSD01



Tgt Ion: 63 Resp: 26568

Ion Ratio Lower Upper

63 100

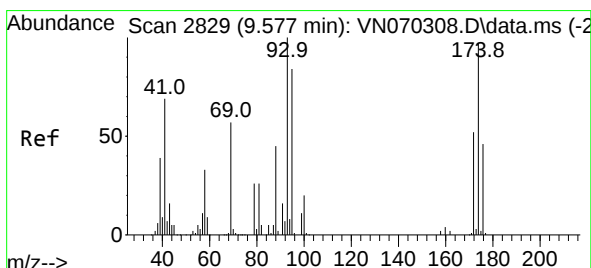
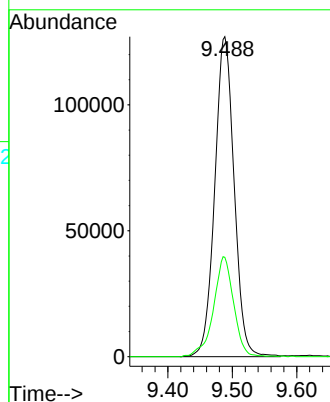
65 31.0 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/05/2022

Supervised By :Mahesh Dadoda 01/05/2022



#46

Dibromomethane

Concen: 20.054 ug/l

RT: 9.574 min Scan# 2828

Delta R.T. -0.003 min

Lab File: VN070457.D

Acq: 4 Jan 2022 12:30

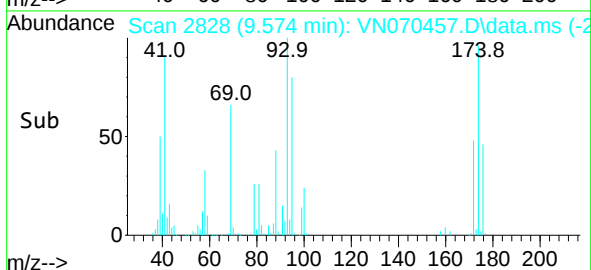
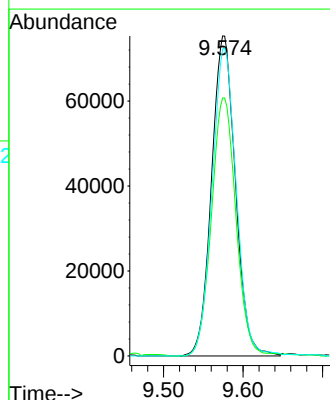
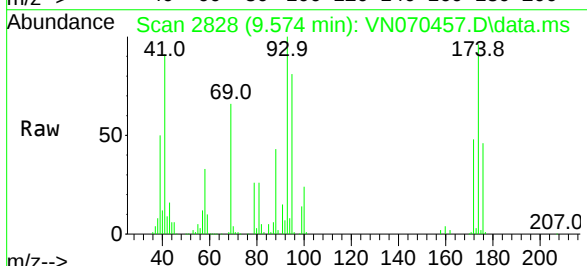
Tgt Ion: 93 Resp: 157190

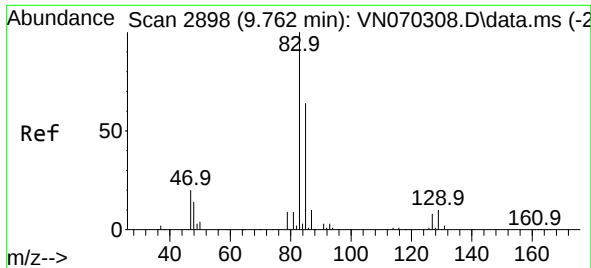
Ion Ratio Lower Upper

93 100

95 82.7 65.9 98.9

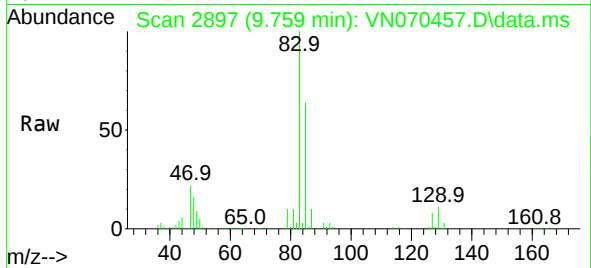
174 97.1 84.6 127.0





#47
Bromodichloromethane
Concen: 20.187 ug/l
RT: 9.759 min Scan# 2898
Delta R.T. -0.003 min
Lab File: VN070457.D
Acq: 4 Jan 2022 12:30

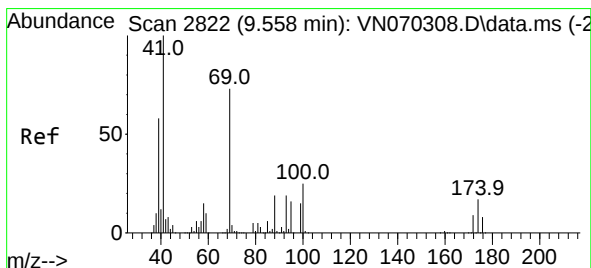
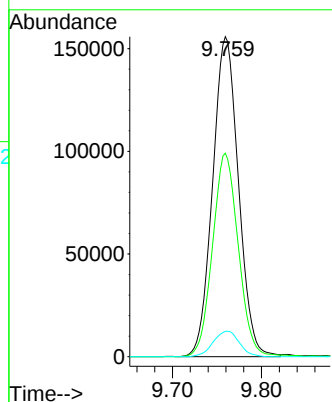
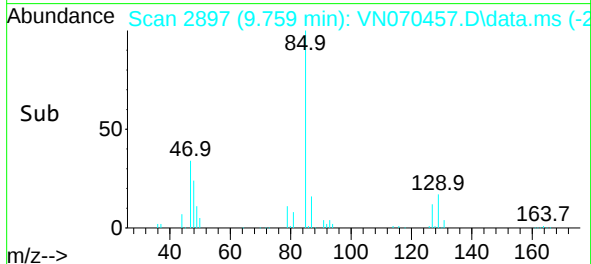
Instrument :
MSVOA_N
ClientSampleId :
VN0104WBSD01



Tgt Ion: 83 Resp: 314189
Ion Ratio Lower Upper
83 100
85 63.6 50.9 76.3
127 7.9 7.1 10.7

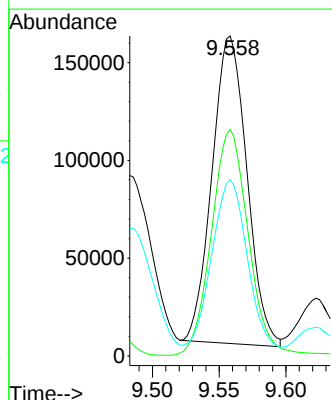
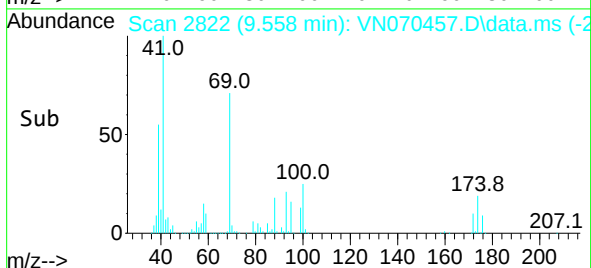
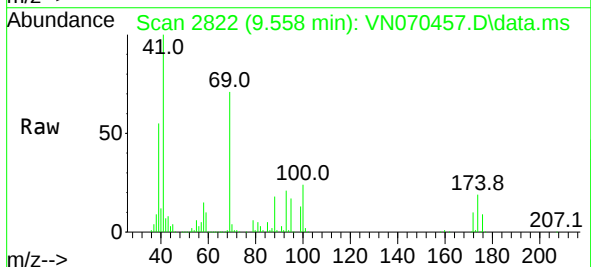
Manual Integrations
APPROVED

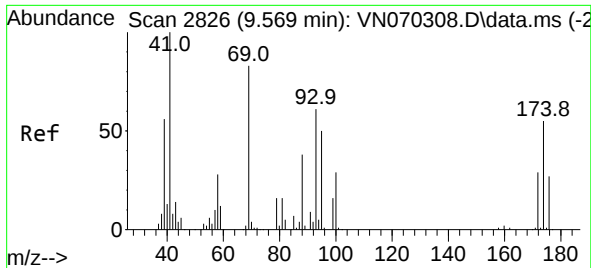
Reviewed By :John Carlone 01/05/2022
Supervised By :Mahesh Dadoda 01/05/2022



#48
Methyl methacrylate
Concen: 19.197 ug/l
RT: 9.558 min Scan# 2822
Delta R.T. 0.000 min
Lab File: VN070457.D
Acq: 4 Jan 2022 12:30

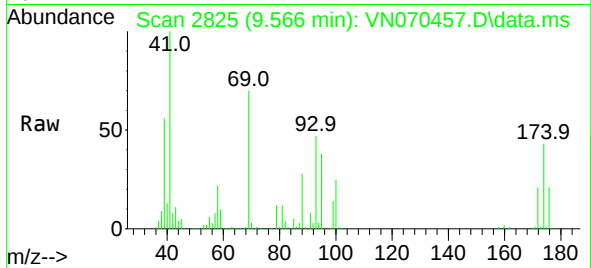
Tgt Ion: 41 Resp: 285772
Ion Ratio Lower Upper
41 100
69 77.7 72.4 108.6
39 55.0 58.4 87.6#





#49
1,4-Dioxane
Concen: 372.197 ug/l
RT: 9.566 min Scan# 2826
Delta R.T. -0.003 min
Lab File: VN070457.D
Acq: 4 Jan 2022 12:30

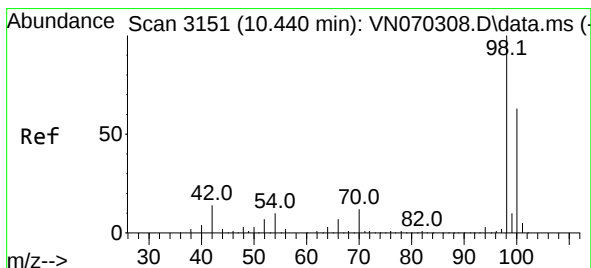
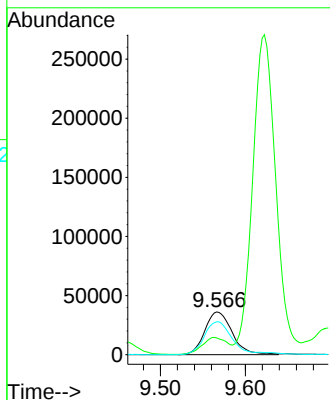
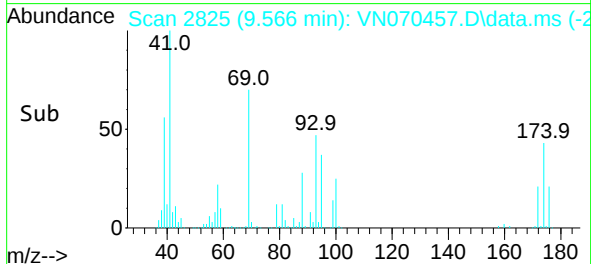
Instrument :
MSVOA_N
ClientSampleId :
VN0104WBSD01



Tgt Ion: 88 Resp: 8110
Ion Ratio Lower Upper
88 100
43 36.5 23.4 35.2
58 81.6 50.6 75.8

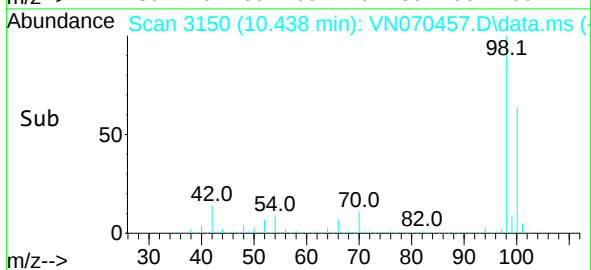
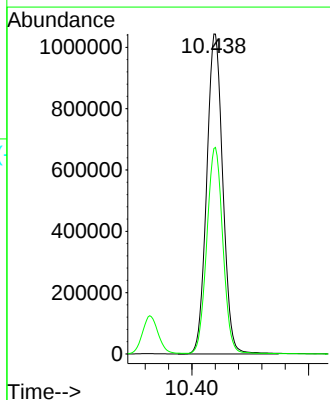
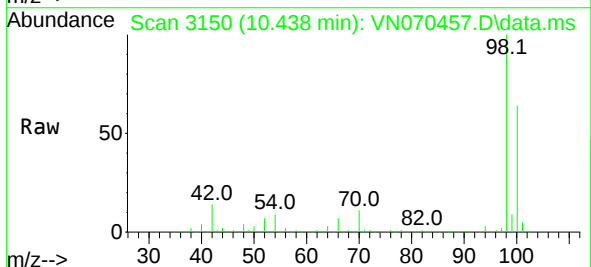
Manual Integrations
APPROVED

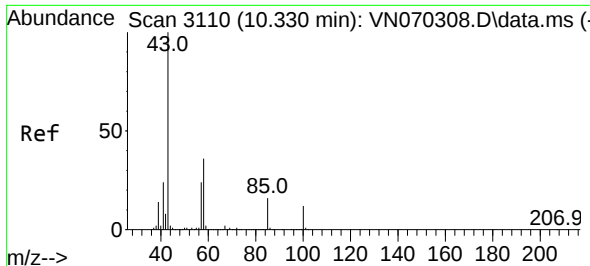
Reviewed By :John Carlone 01/05/2022
Supervised By :Mahesh Dadoda 01/05/2022



#50
Toluene-d8
Concen: 52.977 ug/l
RT: 10.438 min Scan# 3150
Delta R.T. -0.002 min
Lab File: VN070457.D
Acq: 4 Jan 2022 12:30

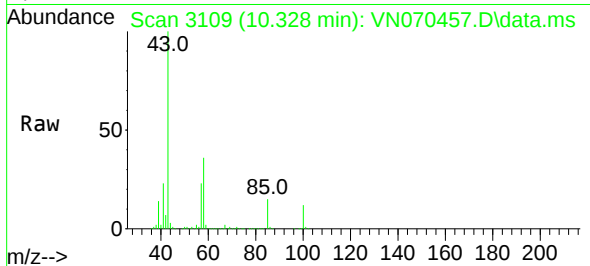
Tgt Ion: 98 Resp: 1997797
Ion Ratio Lower Upper
98 100
100 64.0 50.4 75.6





#51
4-Methyl-2-Pentanone
Concen: 100.745 ug/l
RT: 10.328 min Scan# 3110
Delta R.T. -0.002 min
Lab File: VN070457.D
Acq: 4 Jan 2022 12:30

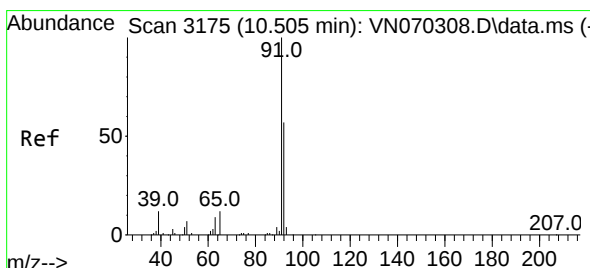
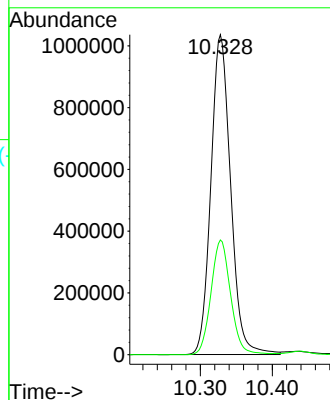
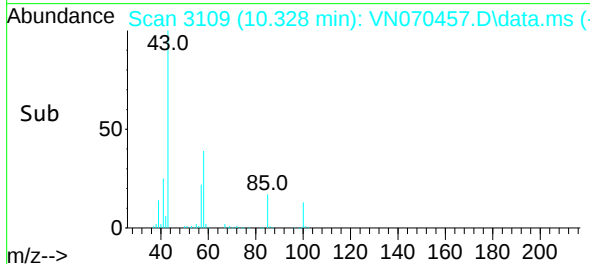
Instrument :
MSVOA_N
ClientSampleId :
VN0104WBSD01



Tgt Ion: 43 Resp: 1975600
Ion Ratio Lower Upper
43 100
58 35.6 30.4 45.6

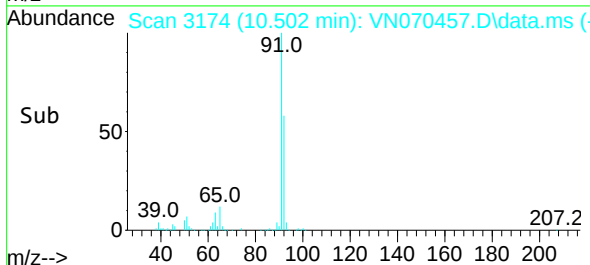
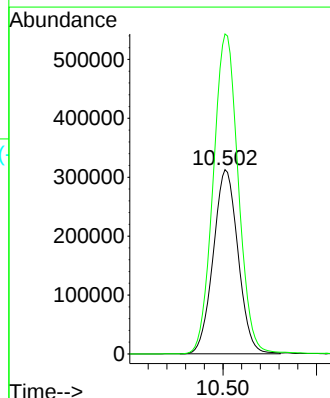
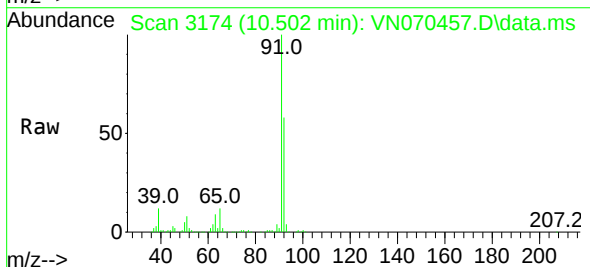
Manual Integrations
APPROVED

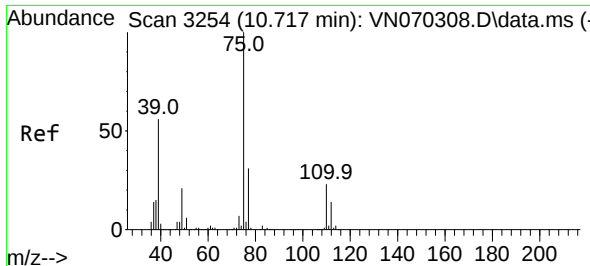
Reviewed By :John Carlone 01/05/2022
Supervised By :Mahesh Dadoda 01/05/2022



#52
Toluene
Concen: 20.298 ug/l
RT: 10.502 min Scan# 3174
Delta R.T. -0.003 min
Lab File: VN070457.D
Acq: 4 Jan 2022 12:30

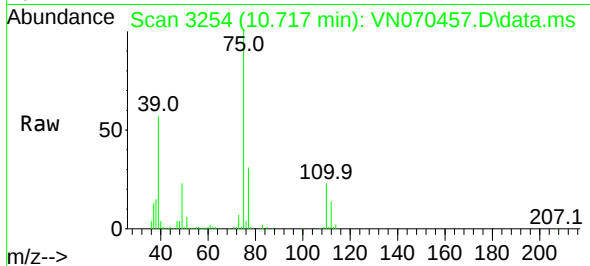
Tgt Ion: 92 Resp: 575210
Ion Ratio Lower Upper
92 100
91 176.4 142.0 213.0





#53
t-1,3-Dichloropropene
Concen: 19.309 ug/l
RT: 10.717 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN070457.D
Acq: 4 Jan 2022 12:30

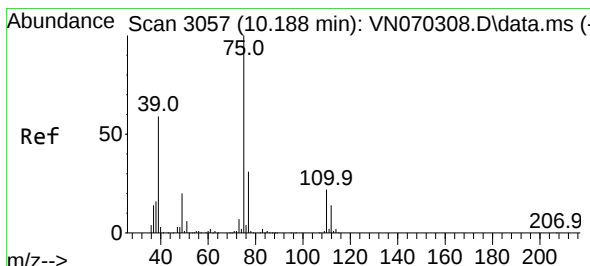
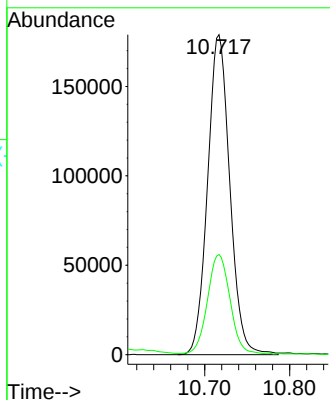
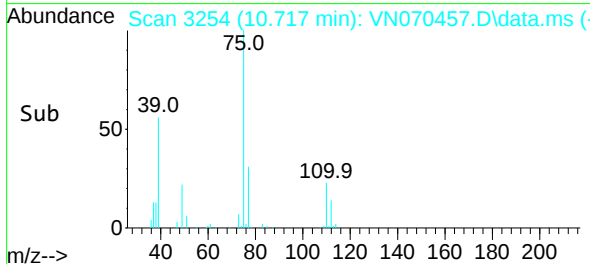
Instrument :
MSVOA_N
ClientSampleId :
VN0104WBSD01



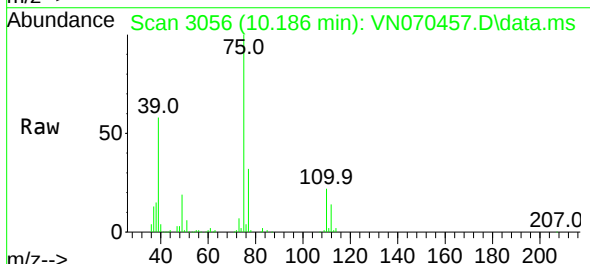
Tgt Ion: 75 Resp: 32534
Ion Ratio Lower Upper
75 100
77 31.0 25.6 38.4

Manual Integrations
APPROVED

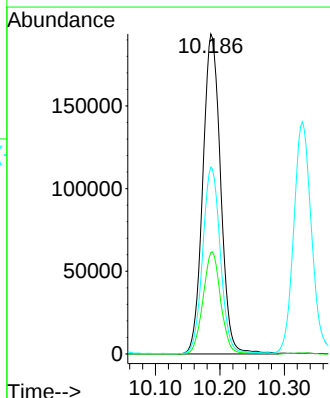
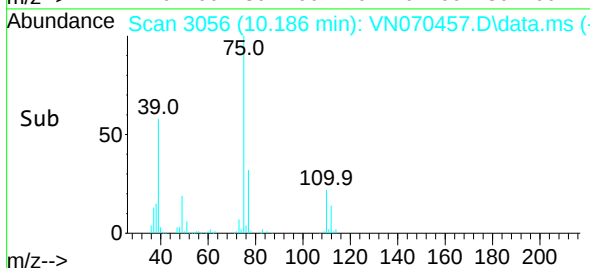
Reviewed By :John Carlone 01/05/2022
Supervised By :Mahesh Dadoda 01/05/2022

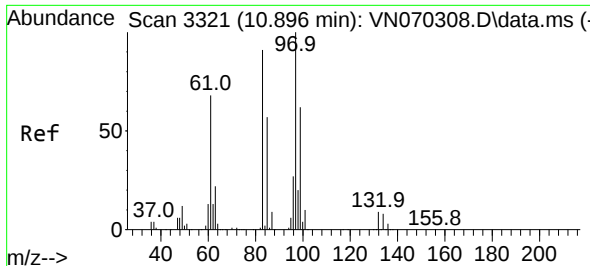


#54
cis-1,3-Dichloropropene
Concen: 20.425 ug/l
RT: 10.186 min Scan# 3056
Delta R.T. -0.002 min
Lab File: VN070457.D
Acq: 4 Jan 2022 12:30



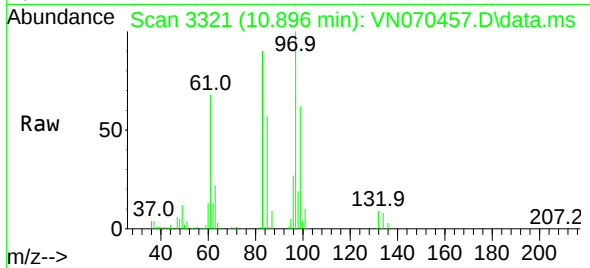
Tgt Ion: 75 Resp: 372274
Ion Ratio Lower Upper
75 100
77 31.7 26.4 39.6
39 58.2 42.5 63.7





#55
1,1,2-Trichloroethane
Concen: 20.394 ug/l
RT: 10.896 min Scan# 3321
Delta R.T. 0.000 min
Lab File: VN070457.D
Acq: 4 Jan 2022 12:30

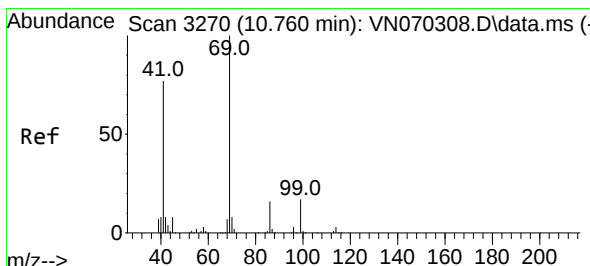
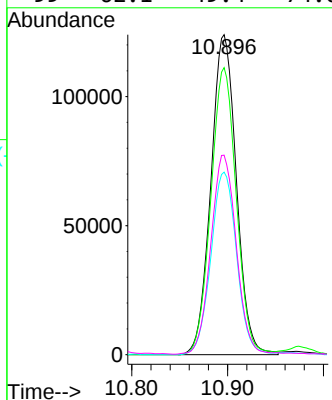
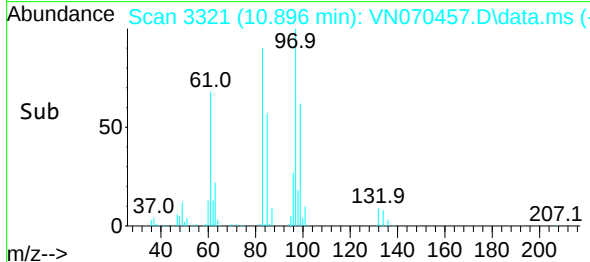
Instrument :
MSVOA_N
ClientSampleId :
VN0104WBSD01



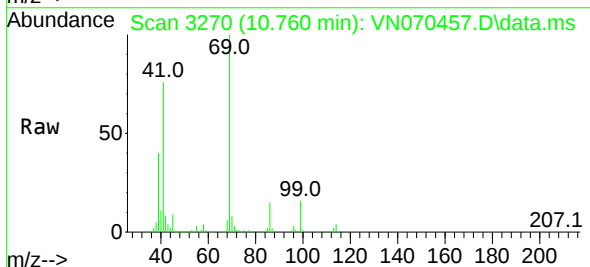
Tgt Ion: 97 Resp: 228660
Ion Ratio Lower Upper
97 100
83 89.7 67.8 101.6
85 57.0 45.4 68.2
99 62.1 49.4 74.0

Manual Integrations
APPROVED

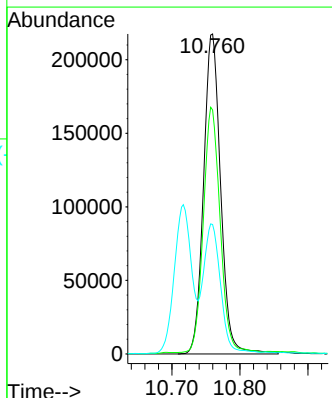
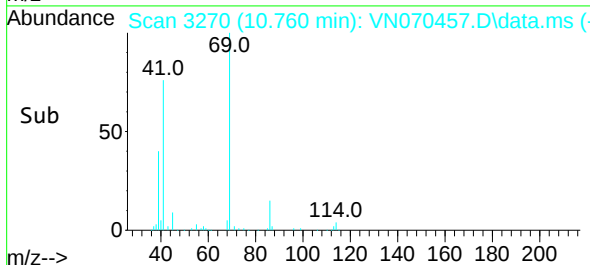
Reviewed By :John Carlone 01/05/2022
Supervised By :Mahesh Dadoda 01/05/2022

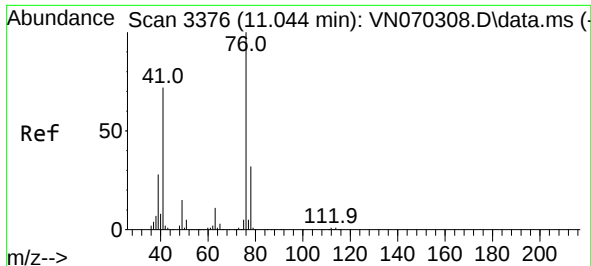


#56
Ethyl methacrylate
Concen: 20.531 ug/l
RT: 10.760 min Scan# 3270
Delta R.T. -0.000 min
Lab File: VN070457.D
Acq: 4 Jan 2022 12:30



Tgt Ion: 69 Resp: 380361
Ion Ratio Lower Upper
69 100
41 75.1 51.4 77.0
39 40.0 34.6 52.0





#57

1,3-Dichloropropane

Concen: 20.791 ug/l

RT: 11.041 min Scan# 31

Delta R.T. -0.003 min

Lab File: VN070457.D

Acq: 4 Jan 2022 12:30

Instrument :

MSVOA_N

ClientSampleId :

VN0104WBSD01

Tgt Ion: 76 Resp: 412318

Ion Ratio Lower Upper

76 100

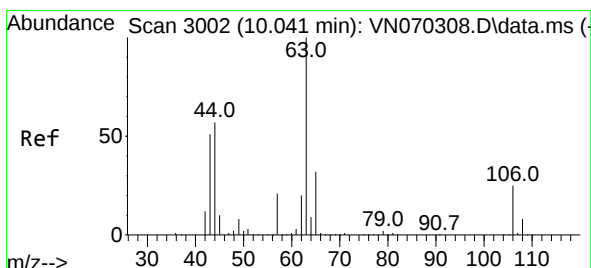
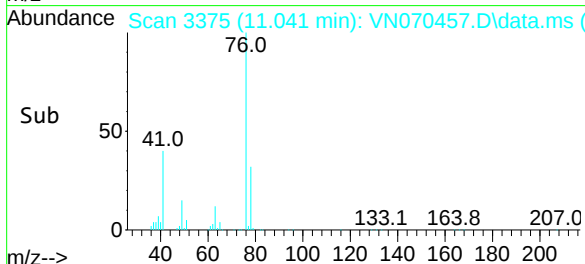
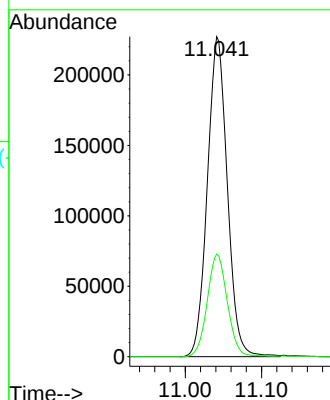
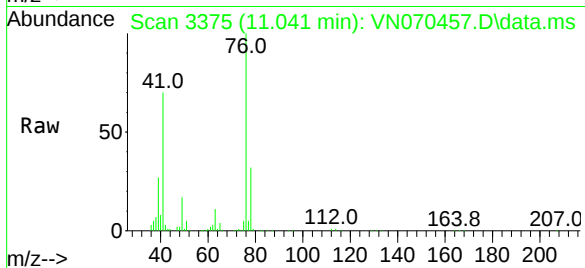
78 32.3 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/05/2022

Supervised By :Mahesh Dadoda 01/05/2022



#58

2-Chloroethyl Vinyl ether

Concen: 73.872 ug/l

RT: 10.038 min Scan# 3001

Delta R.T. -0.003 min

Lab File: VN070457.D

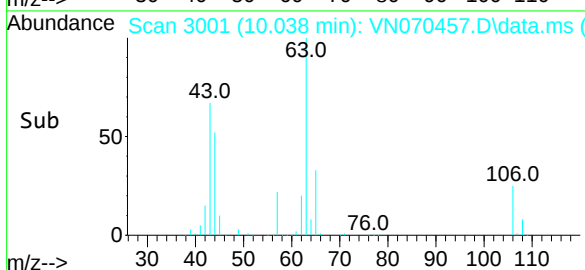
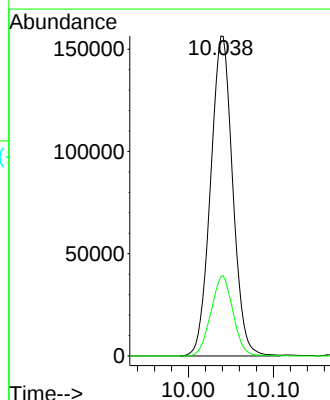
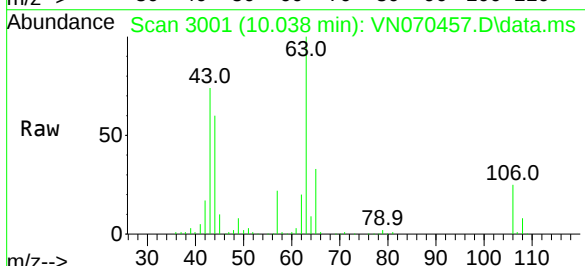
Acq: 4 Jan 2022 12:30

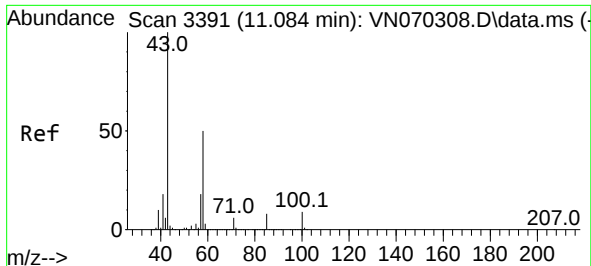
Tgt Ion: 63 Resp: 282920

Ion Ratio Lower Upper

63 100

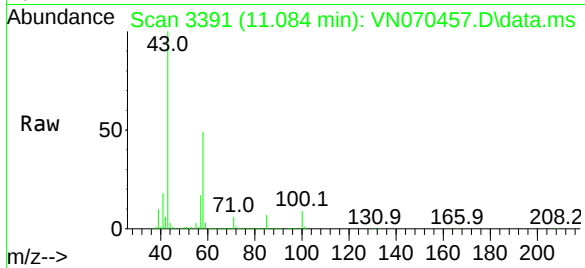
106 24.9 23.9 35.9





#59
2-Hexanone
Concen: 98.077 ug/l
RT: 11.084 min Scan# 3391
Delta R.T. 0.000 min
Lab File: VN070457.D
Acq: 4 Jan 2022 12:30

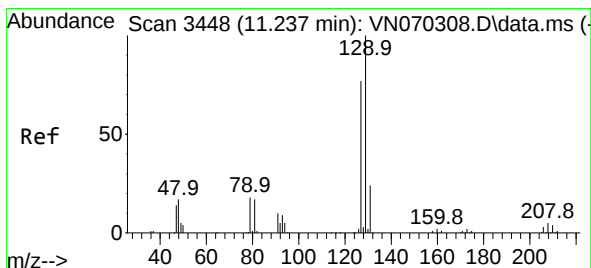
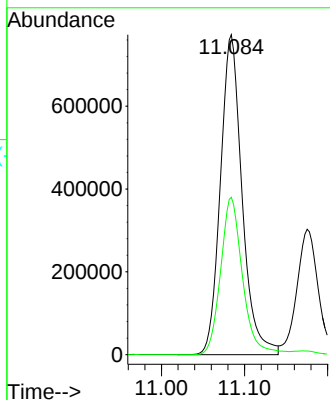
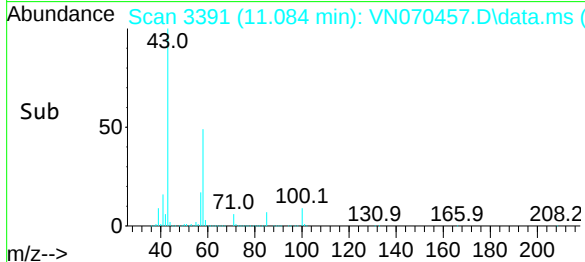
Instrument :
MSVOA_N
ClientSampleId :
VN0104WBSD01



Tgt Ion: 43 Resp: 140254
Ion Ratio Lower Upper
43 100
58 49.8 26.9 80.7

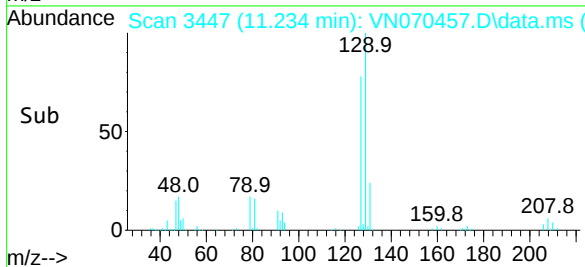
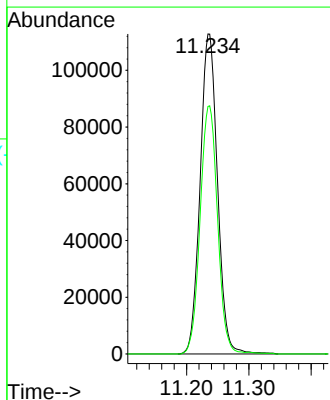
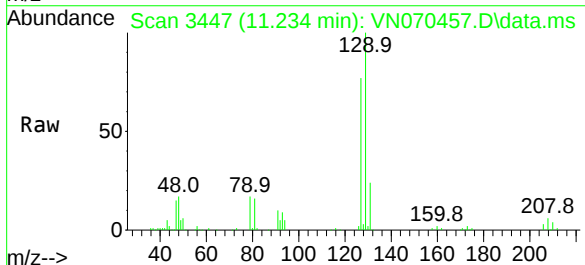
Manual Integrations
APPROVED

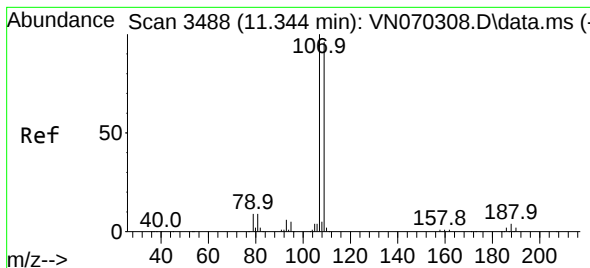
Reviewed By :John Carlone 01/05/2022
Supervised By :Mahesh Dadoda 01/05/2022



#60
Dibromochloromethane
Concen: 19.951 ug/l
RT: 11.234 min Scan# 3447
Delta R.T. -0.003 min
Lab File: VN070457.D
Acq: 4 Jan 2022 12:30

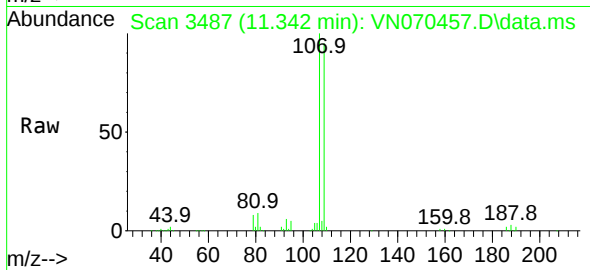
Tgt Ion:129 Resp: 218258
Ion Ratio Lower Upper
129 100
127 77.6 38.6 116.0





#61
1,2-Dibromoethane
Concen: 19.980 ug/l
RT: 11.342 min Scan# 3488
Delta R.T. -0.002 min
Lab File: VN070457.D
Acq: 4 Jan 2022 12:30

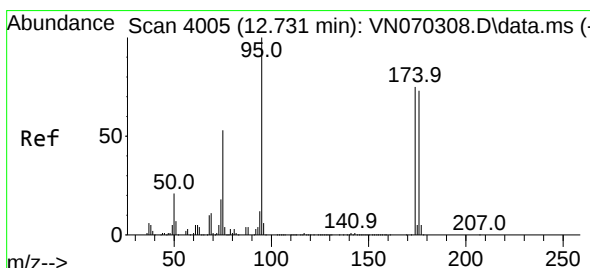
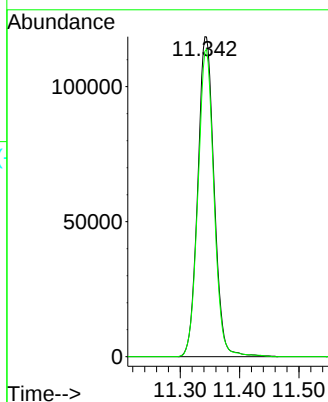
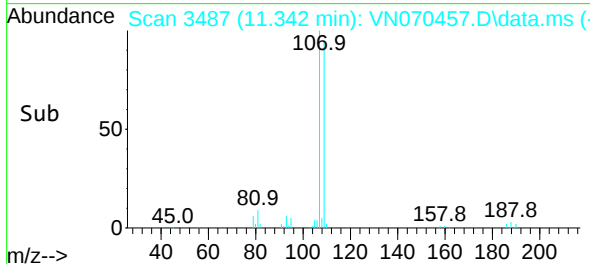
Instrument :
MSVOA_N
ClientSampleId :
VN0104WBSD01



Tgt Ion:107 Resp: 22746
Ion Ratio Lower Upper
107 100
109 94.2 75.7 113.5

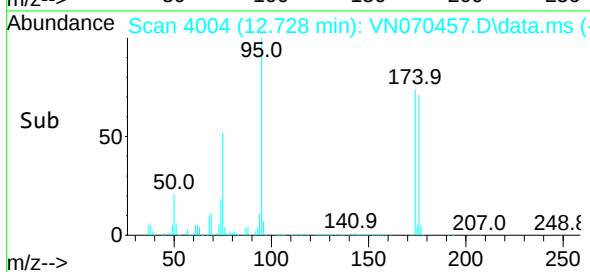
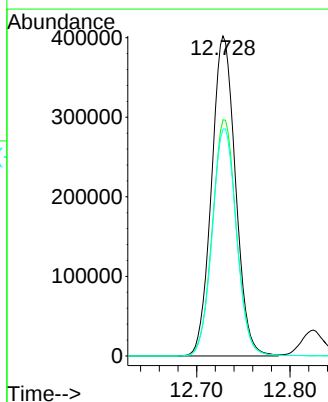
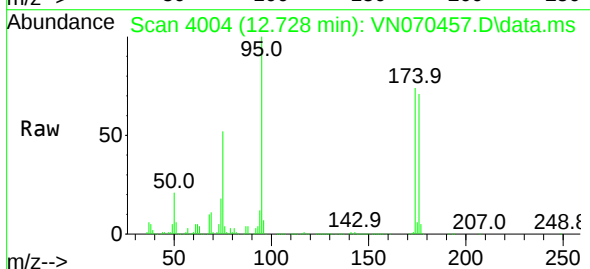
Manual Integrations
APPROVED

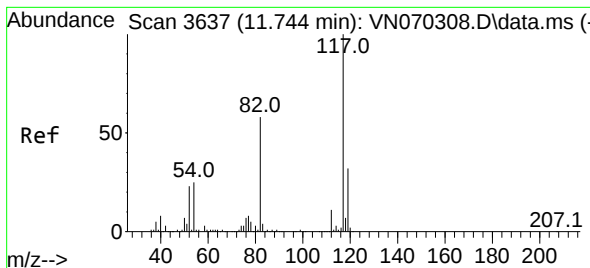
Reviewed By :John Carlone 01/05/2022
Supervised By :Mahesh Dadoda 01/05/2022



#62
4-Bromofluorobenzene
Concen: 52.579 ug/l
RT: 12.728 min Scan# 4004
Delta R.T. -0.003 min
Lab File: VN070457.D
Acq: 4 Jan 2022 12:30

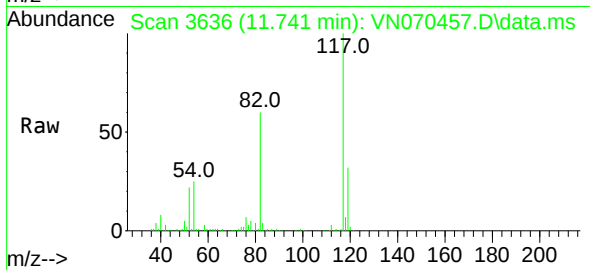
Tgt Ion: 95 Resp: 716142
Ion Ratio Lower Upper
95 100
174 74.1 0.0 187.2
176 72.0 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.741 min Scan# 3637
Delta R.T. -0.003 min
Lab File: VN070457.D
Acq: 4 Jan 2022 12:30

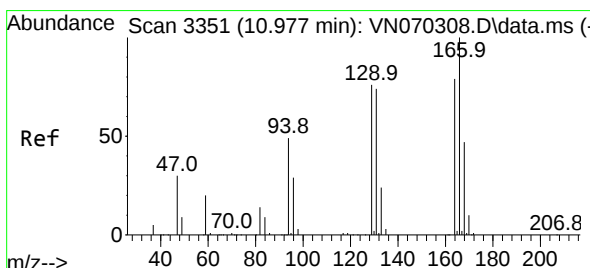
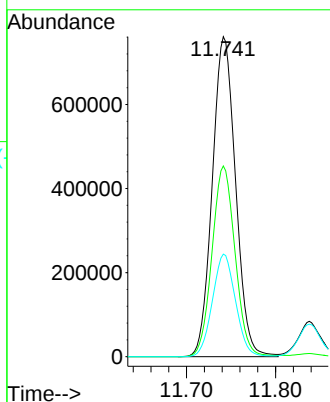
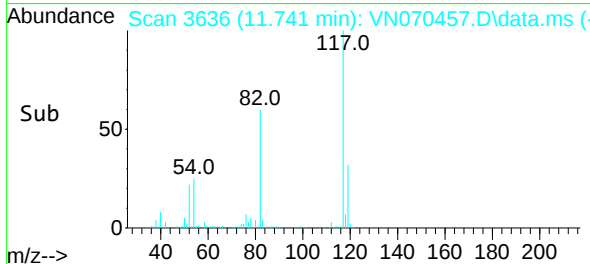
Instrument :
MSVOA_N
ClientSampleId :
VN0104WBSD01



Tgt Ion:117 Resp: 1383024
Ion Ratio Lower Upper
117 100
82 59.6 42.4 63.6
119 32.1 25.4 38.2

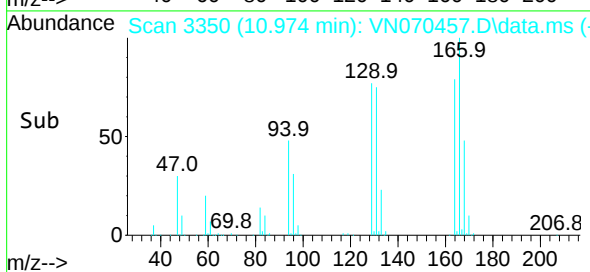
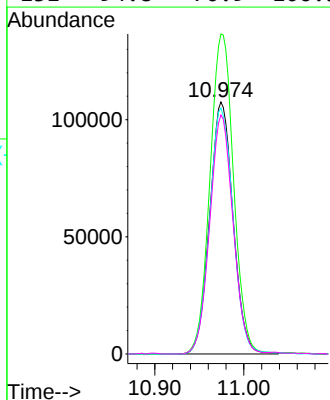
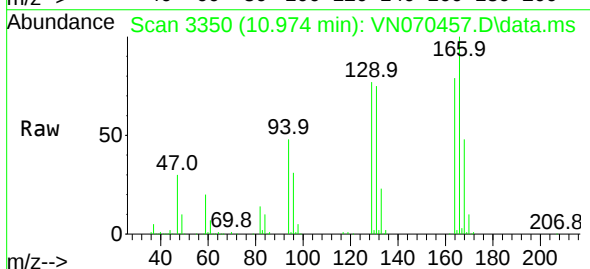
Manual Integrations
APPROVED

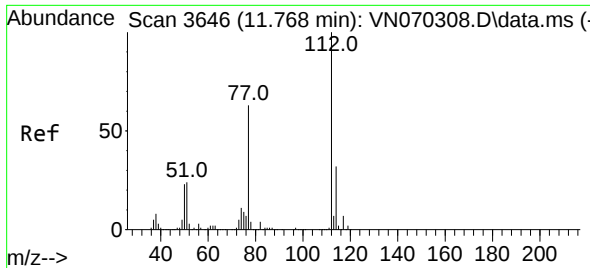
Reviewed By :John Carlone 01/05/2022
Supervised By :Mahesh Dadoda 01/05/2022



#64
Tetrachloroethene
Concen: 19.607 ug/l
RT: 10.974 min Scan# 3350
Delta R.T. -0.003 min
Lab File: VN070457.D
Acq: 4 Jan 2022 12:30

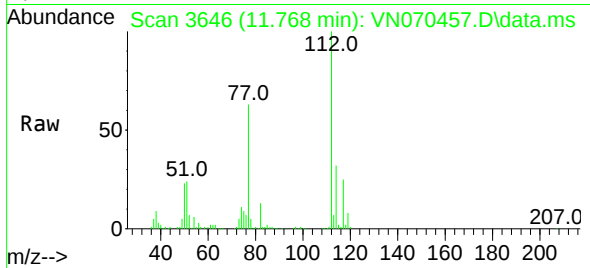
Tgt Ion:164 Resp: 196360
Ion Ratio Lower Upper
164 100
166 127.0 101.9 152.9
129 97.6 72.0 108.0
131 94.8 70.9 106.3





#65
Chlorobenzene
Concen: 20.328 ug/l
RT: 11.768 min Scan# 3646
Delta R.T. 0.000 min
Lab File: VN070457.D
Acq: 4 Jan 2022 12:30

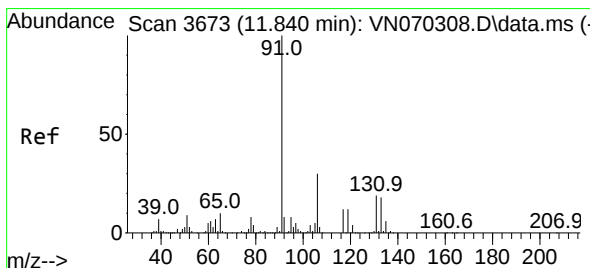
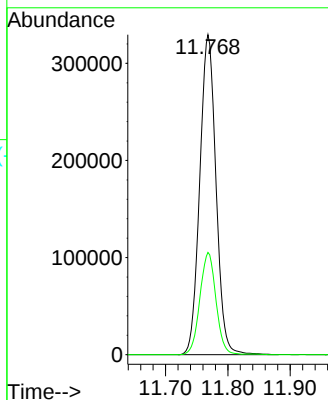
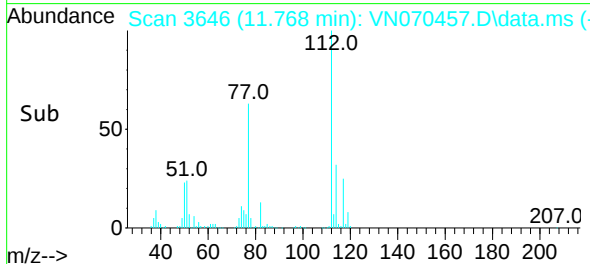
Instrument :
MSVOA_N
ClientSampleId :
VN0104WBSD01



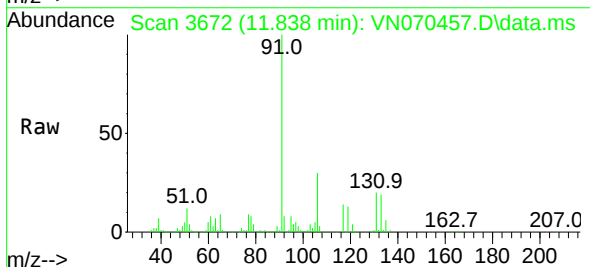
Tgt Ion:112 Resp: 59652
Ion Ratio Lower Upper
112 100
114 32.0 25.4 38.0

Manual Integrations
APPROVED

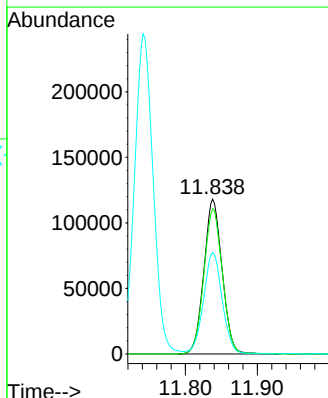
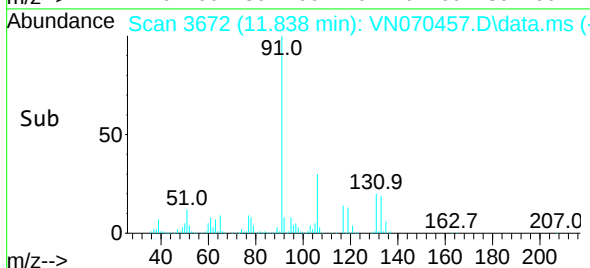
Reviewed By :John Carlone 01/05/2022
Supervised By :Mahesh Dadoda 01/05/2022

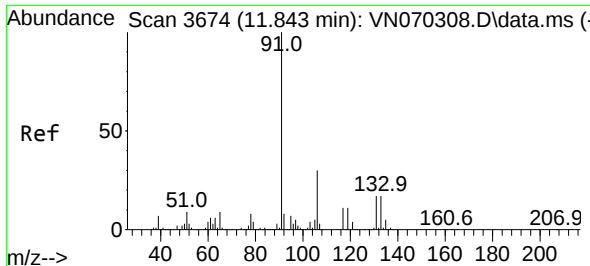


#66
1,1,1,2-Tetrachloroethane
Concen: 19.894 ug/l
RT: 11.838 min Scan# 3672
Delta R.T. -0.002 min
Lab File: VN070457.D
Acq: 4 Jan 2022 12:30



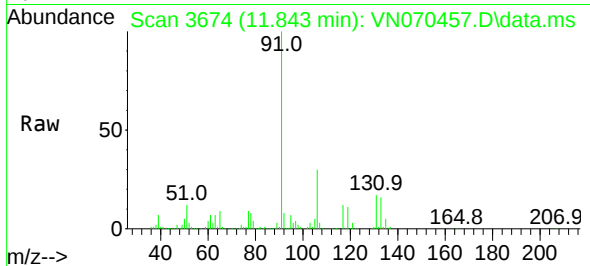
Tgt Ion:131 Resp: 208405
Ion Ratio Lower Upper
131 100
133 95.6 47.9 143.7
119 66.9 32.1 96.5





#67
Ethyl Benzene
Concen: 20.489 ug/l
RT: 11.843 min Scan# 3674
Delta R.T. 0.000 min
Lab File: VN070457.D
Acq: 4 Jan 2022 12:30

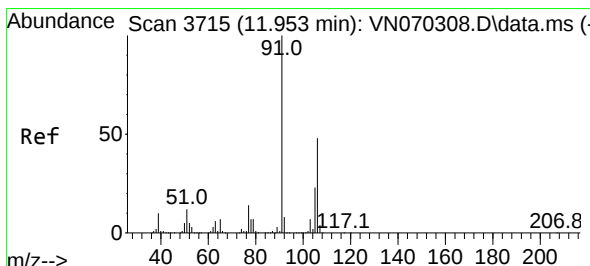
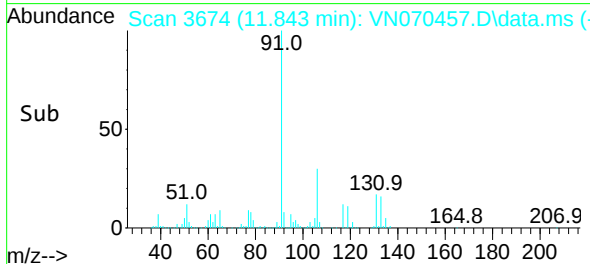
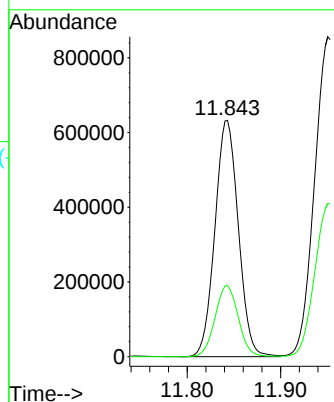
Instrument :
MSVOA_N
ClientSampleId :
VN0104WBSD01



Tgt Ion: 91 Resp: 110160
Ion Ratio Lower Upper
91 100
106 30.1 25.7 38.5

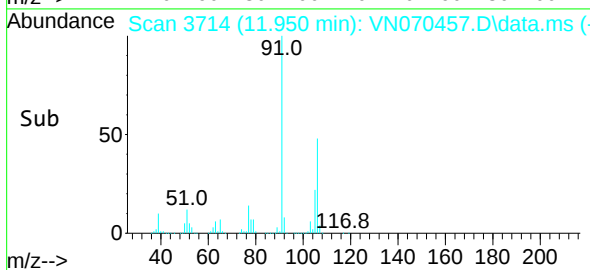
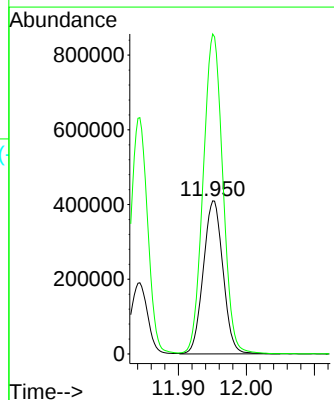
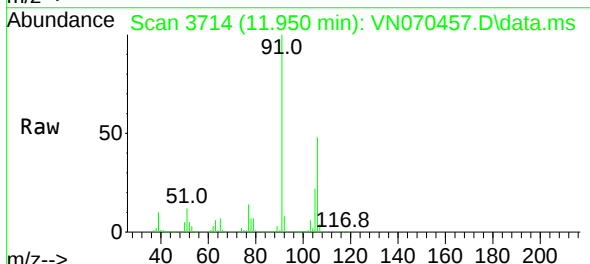
Manual Integrations
APPROVED

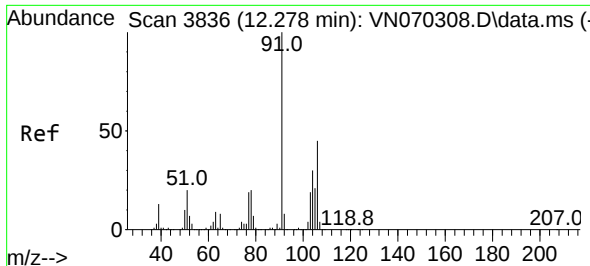
Reviewed By :John Carlone 01/05/2022
Supervised By :Mahesh Dadoda 01/05/2022



#68
m/p-Xylenes
Concen: 42.109 ug/l
RT: 11.950 min Scan# 3714
Delta R.T. -0.003 min
Lab File: VN070457.D
Acq: 4 Jan 2022 12:30

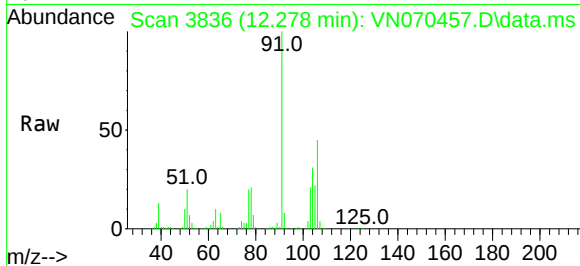
Tgt Ion:106 Resp: 824129
Ion Ratio Lower Upper
106 100
91 208.8 160.6 240.8





#69
o-Xylene
Concen: 20.571 ug/l
RT: 12.278 min Scan# 3836
Delta R.T. -0.000 min
Lab File: VN070457.D
Acq: 4 Jan 2022 12:30

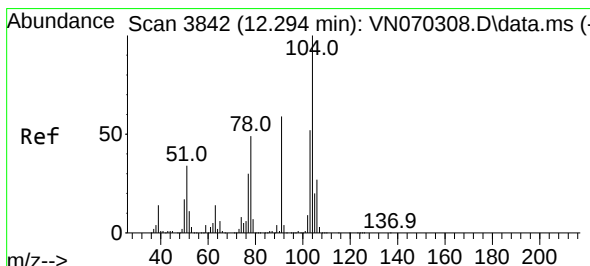
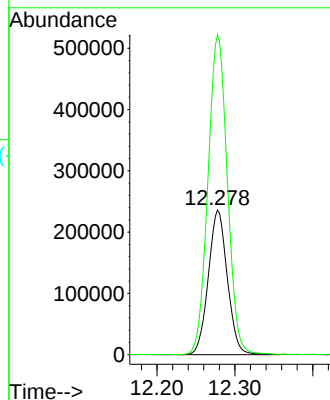
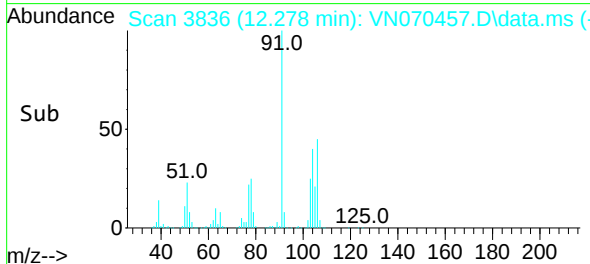
Instrument :
MSVOA_N
ClientSampleId :
VN0104WBSD01



Tgt Ion:106 Resp: 400458
Ion Ratio Lower Upper
106 100
91 226.3 105.8 317.3

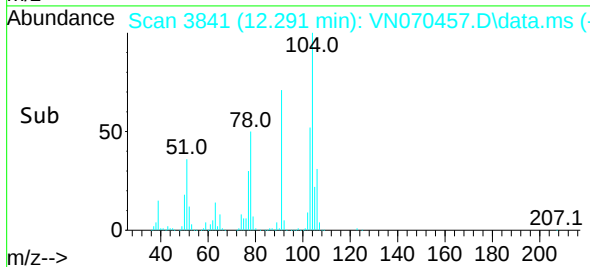
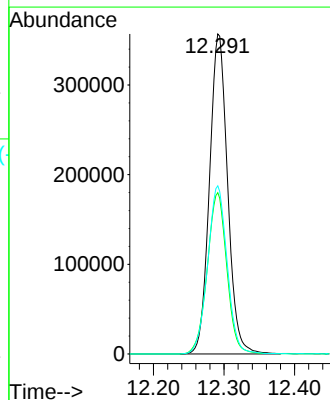
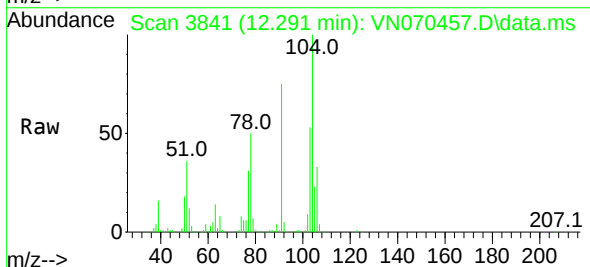
Manual Integrations
APPROVED

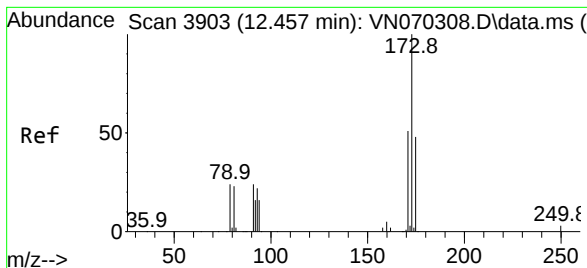
Reviewed By :John Carlone 01/05/2022
Supervised By :Mahesh Dadoda 01/05/2022



#70
Styrene
Concen: 20.719 ug/l
RT: 12.291 min Scan# 3841
Delta R.T. -0.003 min
Lab File: VN070457.D
Acq: 4 Jan 2022 12:30

Tgt Ion:104 Resp: 638351
Ion Ratio Lower Upper
104 100
78 54.2 38.7 58.1
103 56.5 45.0 67.6





#71

Bromoform

Concen: 19.427 ug/l

RT: 12.455 min Scan# 3903

Delta R.T. -0.002 min

Lab File: VN070457.D

Acq: 4 Jan 2022 12:30

Instrument :

MSVOA_N

ClientSampleId :

VN0104WBSD01

Tgt Ion:173 Resp: 15104

Ion Ratio Lower Upper

173 100

175 48.9 24.2 72.6

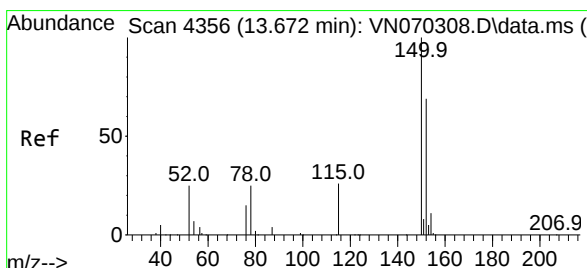
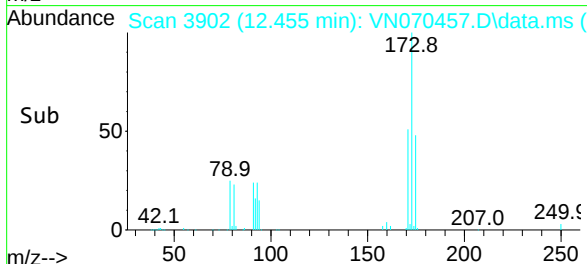
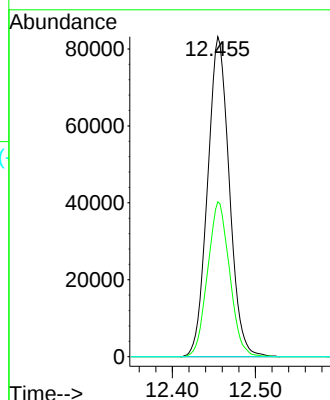
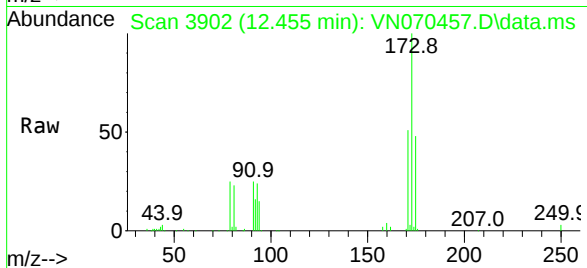
254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/05/2022

Supervised By :Mahesh Dadoda 01/05/2022



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.672 min Scan# 4356

Delta R.T. 0.000 min

Lab File: VN070457.D

Acq: 4 Jan 2022 12:30

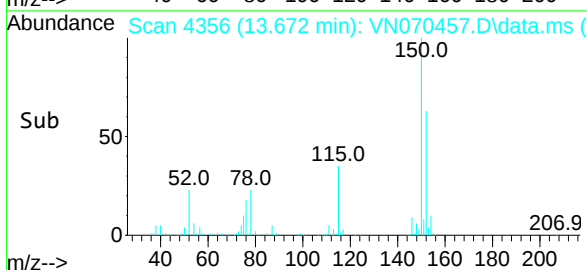
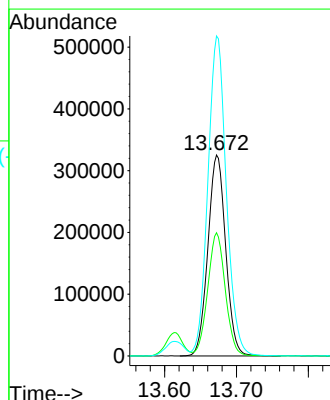
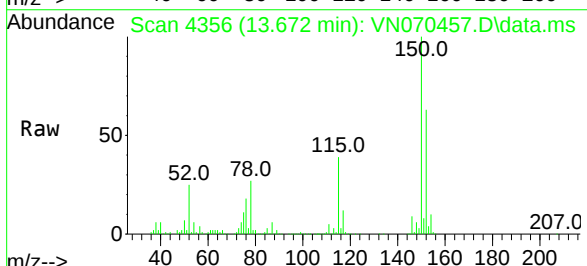
Tgt Ion:152 Resp: 560686

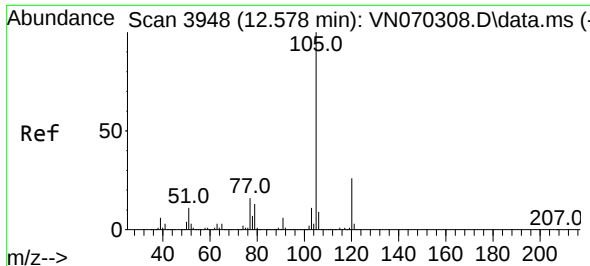
Ion Ratio Lower Upper

152 100

115 60.2 27.5 82.5

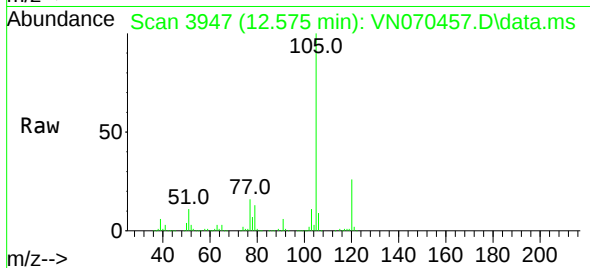
150 165.0 0.0 344.4





#73
Isopropylbenzene
Concen: 20.265 ug/l
RT: 12.575 min Scan# 3948
Delta R.T. -0.003 min
Lab File: VN070457.D
Acq: 4 Jan 2022 12:30

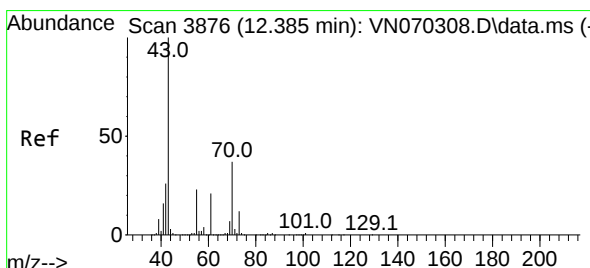
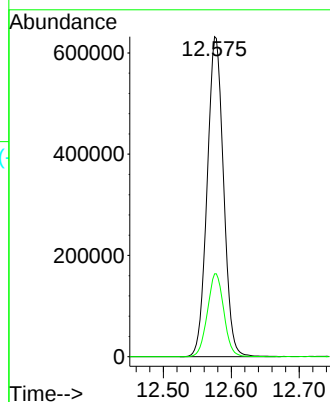
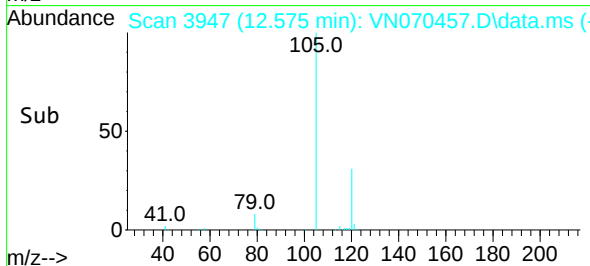
Instrument :
MSVOA_N
ClientSampleId :
VN0104WBSD01



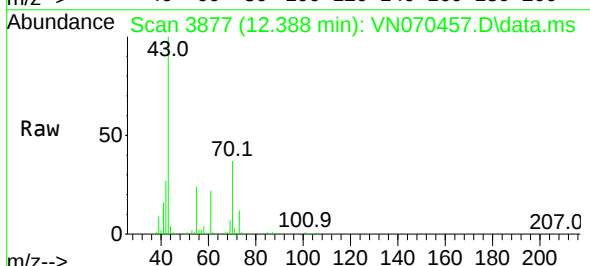
Tgt Ion:105 Resp: 1055140
Ion Ratio Lower Upper
105 100
120 26.1 13.4 40.1

Manual Integrations
APPROVED

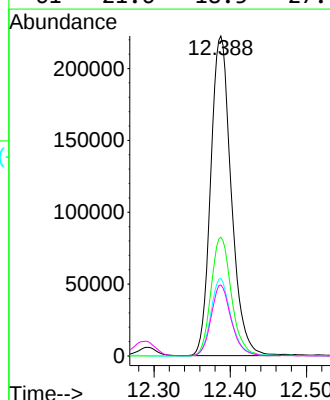
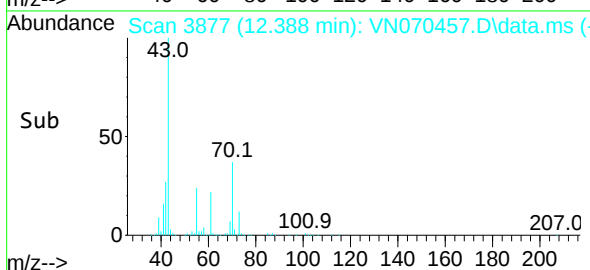
Reviewed By :John Carlone 01/05/2022
Supervised By :Mahesh Dadoda 01/05/2022

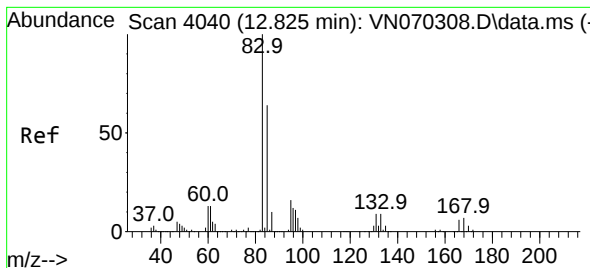


#74
N-ethyl acetate
Concen: 18.961 ug/l
RT: 12.388 min Scan# 3877
Delta R.T. 0.003 min
Lab File: VN070457.D
Acq: 4 Jan 2022 12:30



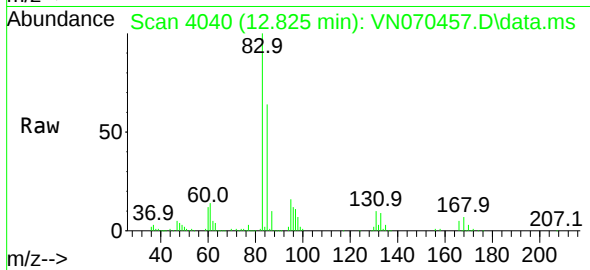
Tgt Ion: 43 Resp: 415113
Ion Ratio Lower Upper
43 100
70 37.0 33.4 50.0
55 23.7 19.3 28.9
61 21.6 18.5 27.7





#75
1,1,2,2-Tetrachloroethane
Concen: 19.451 ug/l
RT: 12.825 min Scan# 4040
Delta R.T. -0.000 min
Lab File: VN070457.D
Acq: 4 Jan 2022 12:30

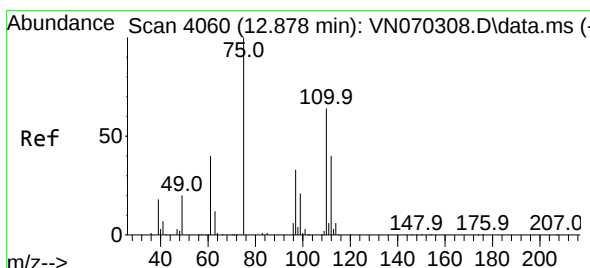
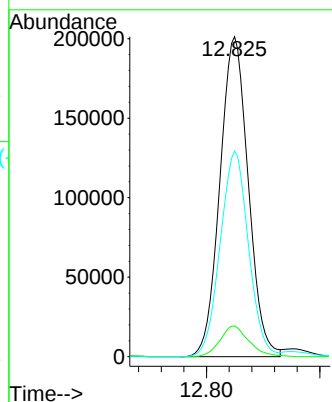
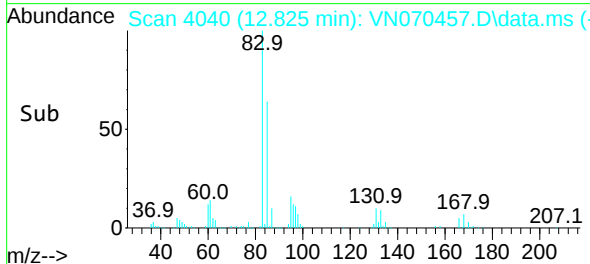
Instrument :
MSVOA_N
ClientSampleId :
VN0104WBSD01



Tgt Ion: 83 Resp: 349252
Ion Ratio Lower Upper
83 100
131 9.8 5.5 16.5
85 64.0 32.4 97.2

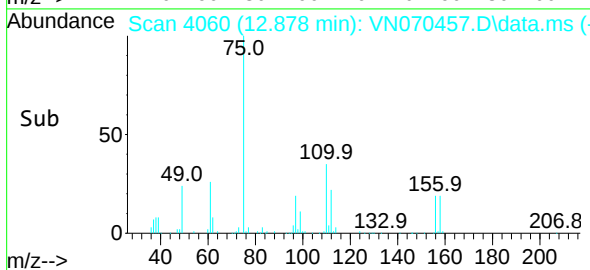
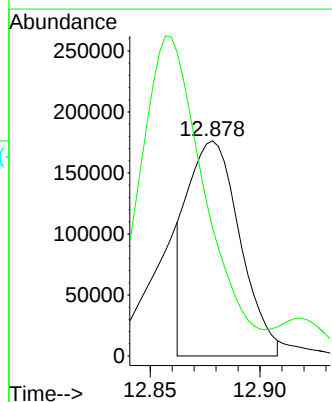
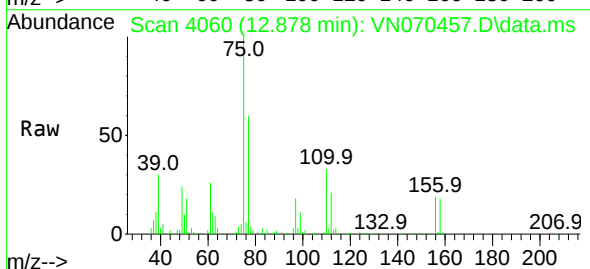
Manual Integrations
APPROVED

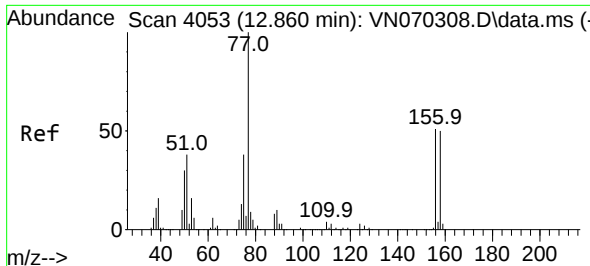
Reviewed By :John Carlone 01/05/2022
Supervised By :Mahesh Dadoda 01/05/2022



#76
1,2,3-Trichloropropane
Concen: 19.327 ug/l m
RT: 12.878 min Scan# 4060
Delta R.T. 0.000 min
Lab File: VN070457.D
Acq: 4 Jan 2022 12:30

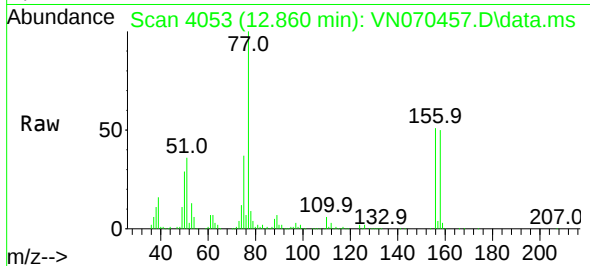
Tgt Ion: 75 Resp: 291368
Ion Ratio Lower Upper
75 100
77 0.0 82.6 247.8#





#77
Bromobenzene
Concen: 20.113 ug/l
RT: 12.860 min Scan# 4053
Delta R.T. -0.000 min
Lab File: VN070457.D
Acq: 4 Jan 2022 12:30

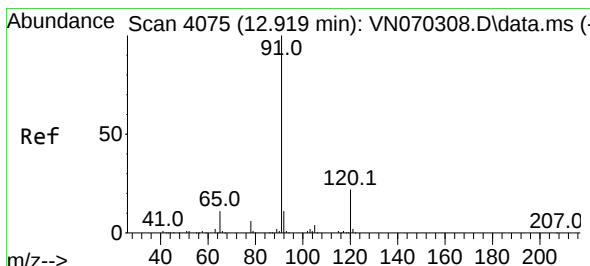
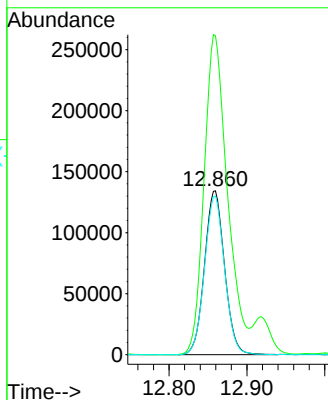
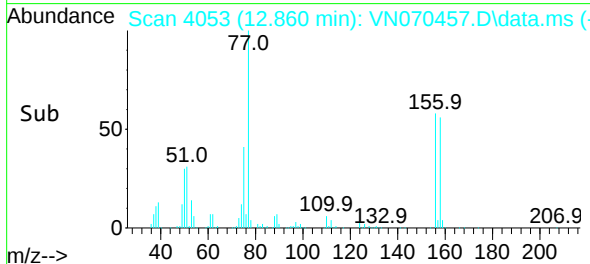
Instrument :
MSVOA_N
ClientSampleId :
VN0104WBSD01



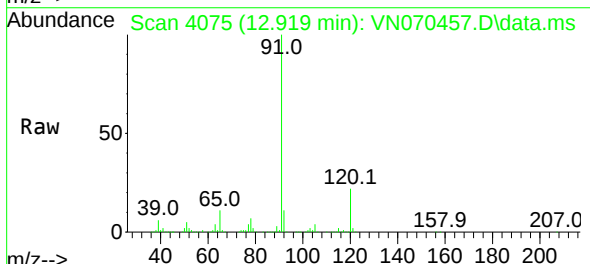
Tgt Ion:156 Resp: 240429
Ion Ratio Lower Upper
156 100
77 226.7 90.6 271.8
158 96.9 48.9 146.7

Manual Integrations
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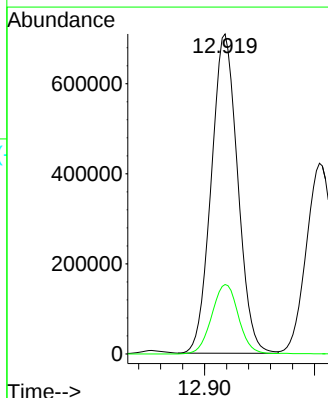
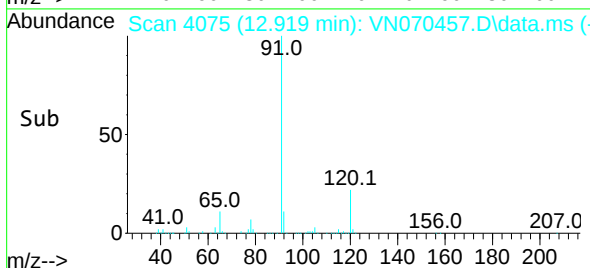
Reviewed By :John Carlone 01/05/2022
Supervised By :Mahesh Dadoda 01/05/2022

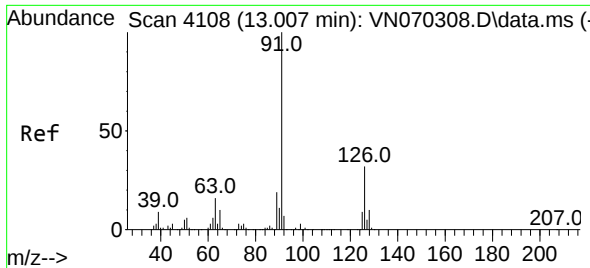


#78
n-propylbenzene
Concen: 20.511 ug/l
RT: 12.919 min Scan# 4075
Delta R.T. -0.000 min
Lab File: VN070457.D
Acq: 4 Jan 2022 12:30



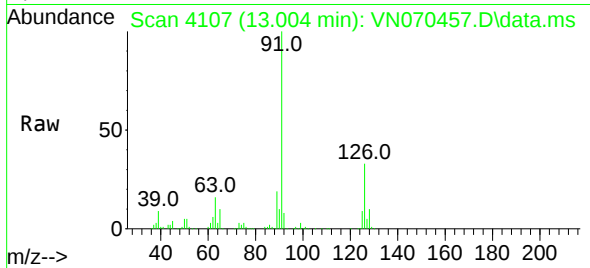
Tgt Ion: 91 Resp: 1183298
Ion Ratio Lower Upper
91 100
120 22.0 11.9 35.9





#79
2-Chlorotoluene
Concen: 19.948 ug/l
RT: 13.004 min Scan# 4107
Delta R.T. -0.003 min
Lab File: VN070457.D
Acq: 4 Jan 2022 12:30

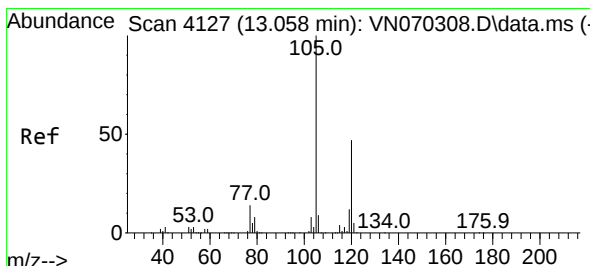
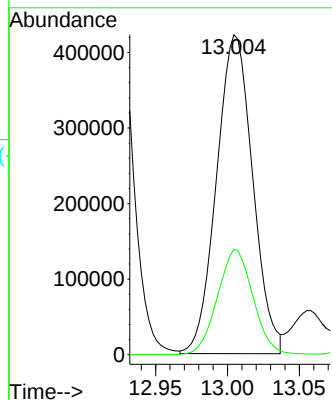
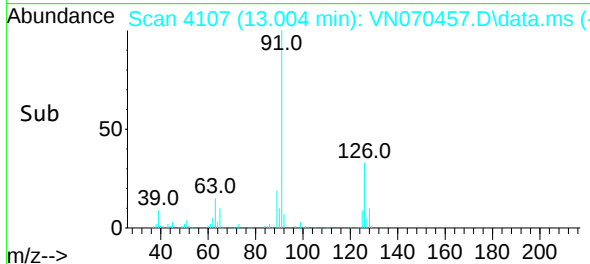
Instrument :
MSVOA_N
ClientSampleId :
VN0104WBSD01



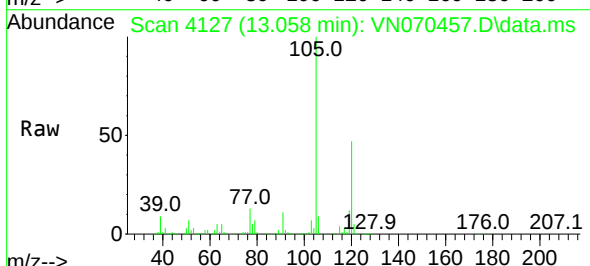
Tgt Ion: 91 Resp: 73840
Ion Ratio Lower Upper
91 100
126 32.6 18.3 54.8

Manual Integrations
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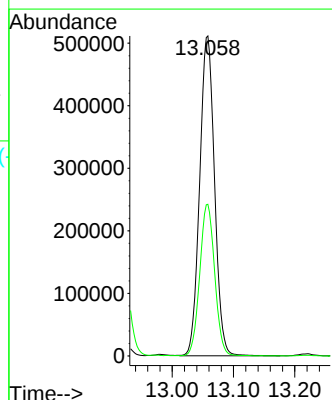
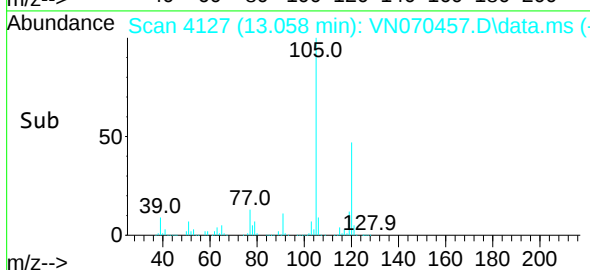
Reviewed By :John Carlone 01/05/2022
Supervised By :Mahesh Dadoda 01/05/2022

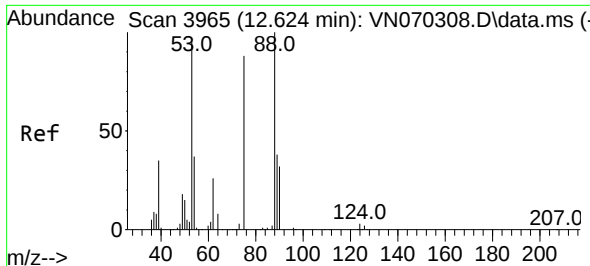


#80
1,3,5-Trimethylbenzene
Concen: 20.688 ug/l
RT: 13.058 min Scan# 4127
Delta R.T. 0.000 min
Lab File: VN070457.D
Acq: 4 Jan 2022 12:30



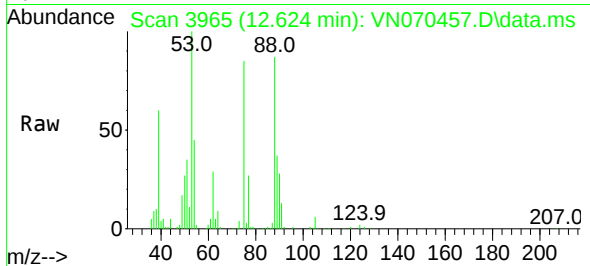
Tgt Ion:105 Resp: 863222
Ion Ratio Lower Upper
105 100
120 47.4 24.6 73.6





#81
trans-1,4-Dichloro-2-butene
Concen: 18.076 ug/l
RT: 12.624 min Scan# 3965
Delta R.T. -0.000 min
Lab File: VN070457.D
Acq: 4 Jan 2022 12:30

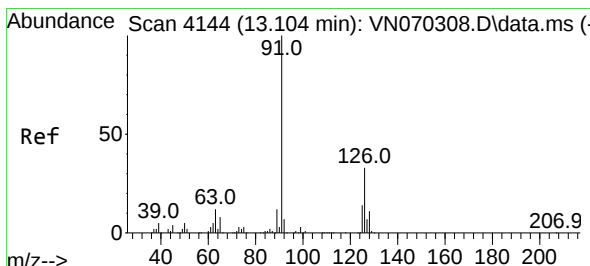
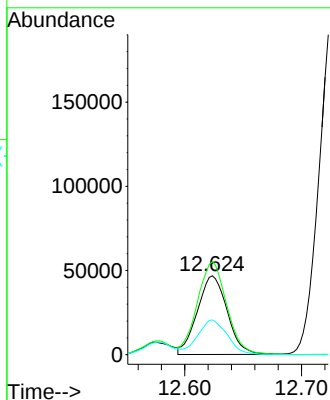
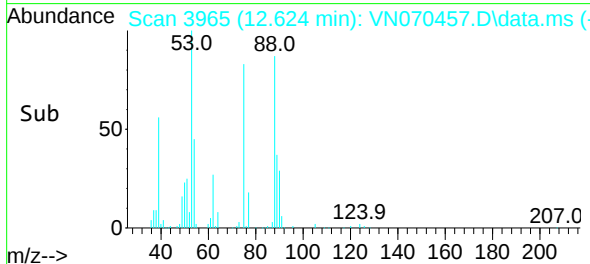
Instrument :
MSVOA_N
ClientSampleId :
VN0104WBSD01



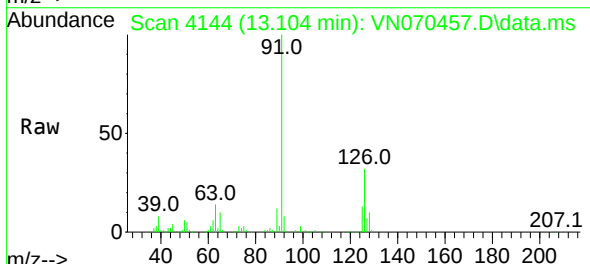
Tgt Ion: 75 Resp: 8295
Ion Ratio Lower Upper
75 100
53 118.1 90.5 135.7
89 43.8 38.2 57.4

Manual Integrations
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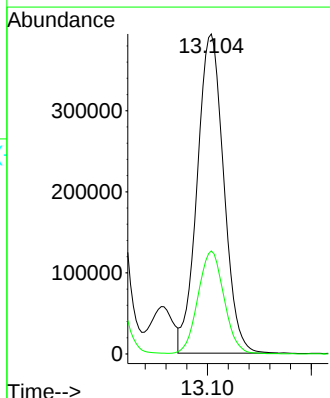
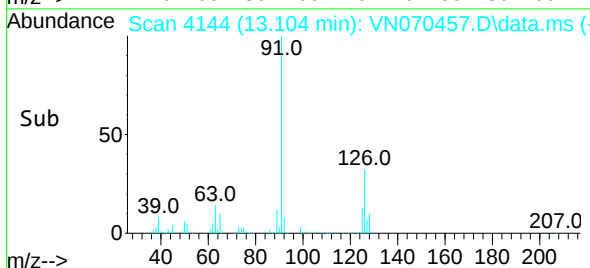
Reviewed By :John Carlone 01/05/2022
Supervised By :Mahesh Dadoda 01/05/2022

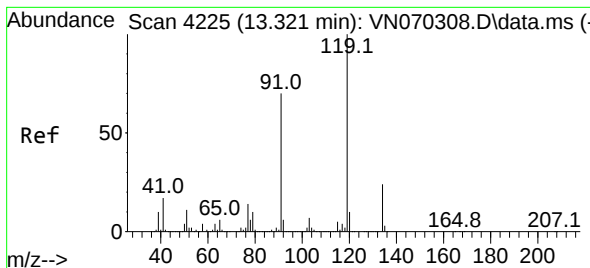


#82
4-Chlorotoluene
Concen: 20.119 ug/l
RT: 13.104 min Scan# 4144
Delta R.T. -0.000 min
Lab File: VN070457.D
Acq: 4 Jan 2022 12:30



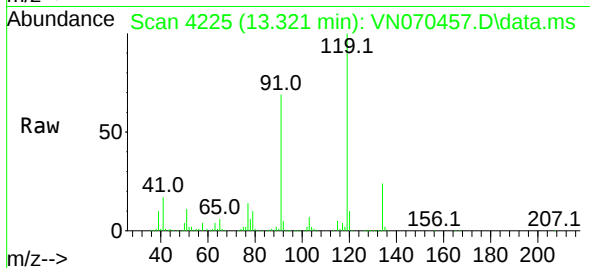
Tgt Ion: 91 Resp: 697602
Ion Ratio Lower Upper
91 100
126 31.6 18.2 54.6





#83
 tert-Butylbenzene
 Concen: 20.553 ug/l
 RT: 13.321 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VN070457.D
 Acq: 4 Jan 2022 12:30

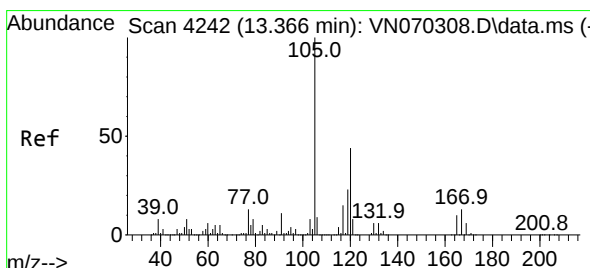
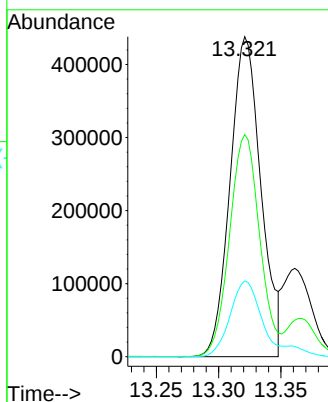
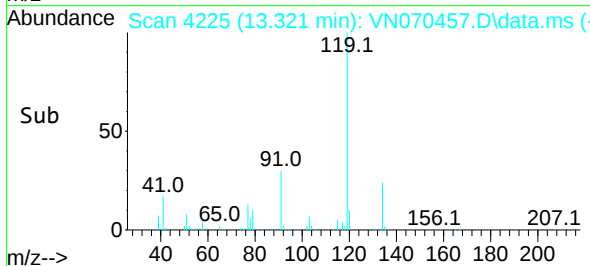
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0104WBSD01



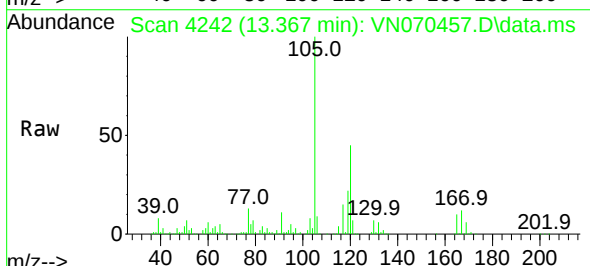
Tgt Ion:119 Resp: 75513
 Ion Ratio Lower Upper
 119 100
 91 68.1 31.5 94.5
 134 24.0 12.4 37.4

Manual Integrations
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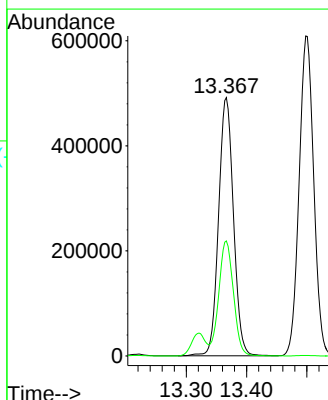
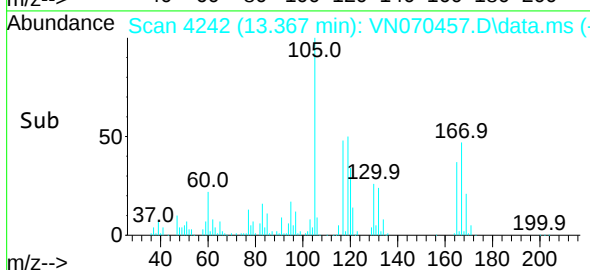
Reviewed By :John Carlone 01/05/2022
 Supervised By :Mahesh Dadoda 01/05/2022

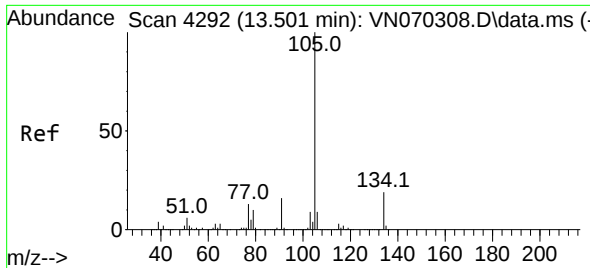


#84
 1,2,4-Trimethylbenzene
 Concen: 20.979 ug/l
 RT: 13.367 min Scan# 4242
 Delta R.T. 0.001 min
 Lab File: VN070457.D
 Acq: 4 Jan 2022 12:30



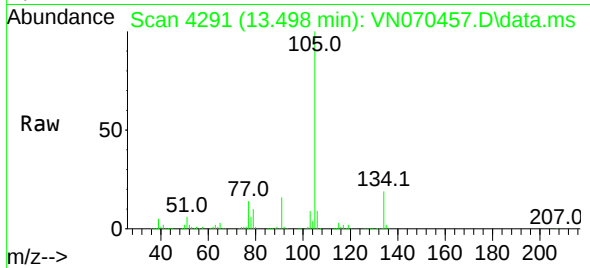
Tgt Ion:105 Resp: 842891
 Ion Ratio Lower Upper
 105 100
 120 44.0 22.8 68.4





#85
 sec-Butylbenzene
 Concen: 20.457 ug/l
 RT: 13.498 min Scan# 4291
 Delta R.T. -0.003 min
 Lab File: VN070457.D
 Acq: 4 Jan 2022 12:30

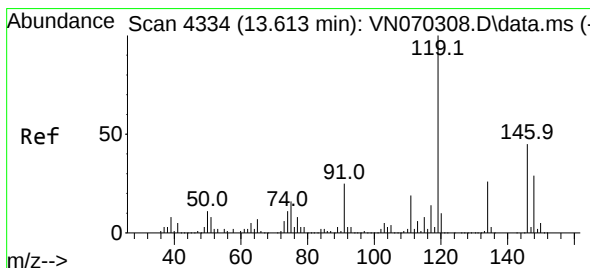
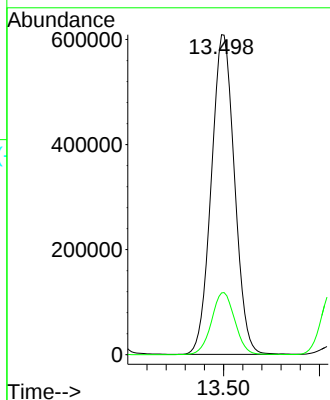
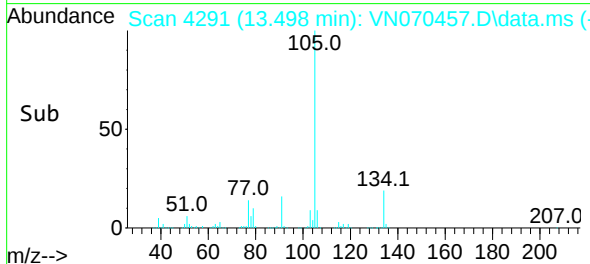
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0104WBSD01



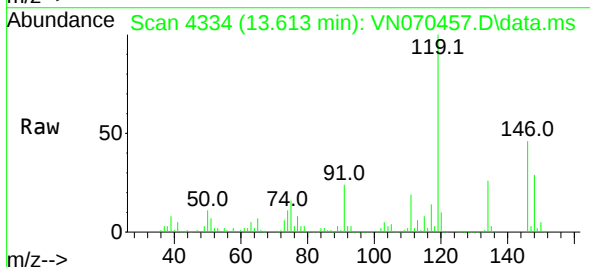
Tgt Ion:105 Resp: 102040
 Ion Ratio Lower Upper
 105 100
 134 19.6 10.4 31.1

Manual Integrations
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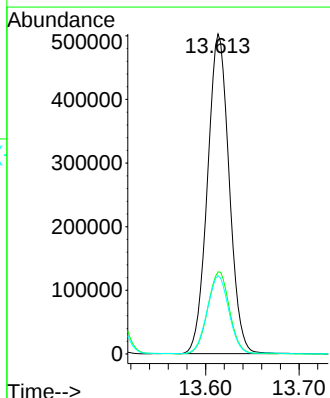
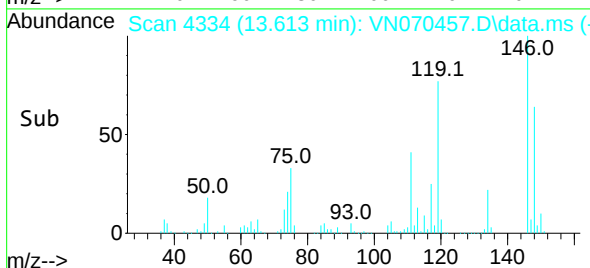
Reviewed By :John Carlone 01/05/2022
 Supervised By :Mahesh Dadoda 01/05/2022

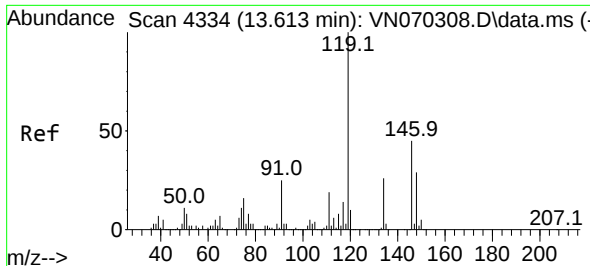


#86
 p-Isopropyltoluene
 Concen: 20.631 ug/l
 RT: 13.613 min Scan# 4334
 Delta R.T. 0.000 min
 Lab File: VN070457.D
 Acq: 4 Jan 2022 12:30



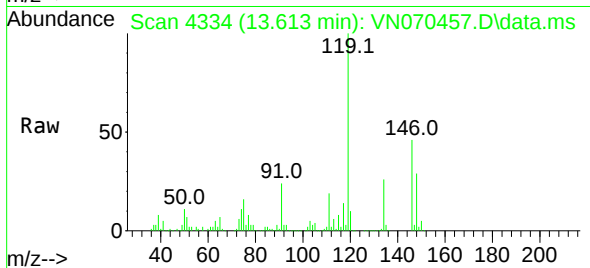
Tgt Ion:119 Resp: 808400
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.6 40.7
 91 24.5 11.4 34.1





#87
1,3-Dichlorobenzene
Concen: 20.206 ug/l
RT: 13.613 min Scan# 4334
Delta R.T. 0.000 min
Lab File: VN070457.D
Acq: 4 Jan 2022 12:30

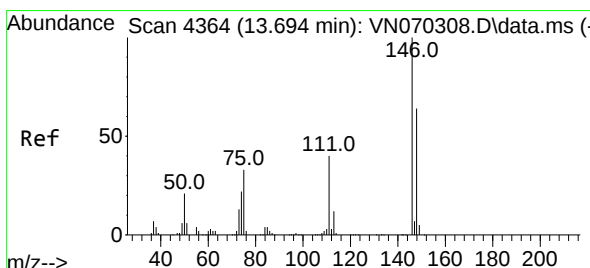
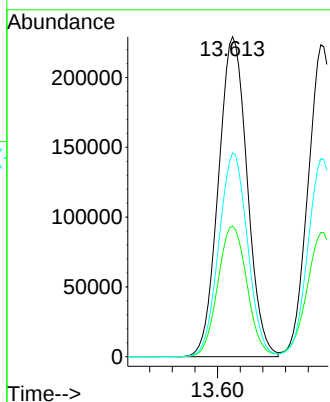
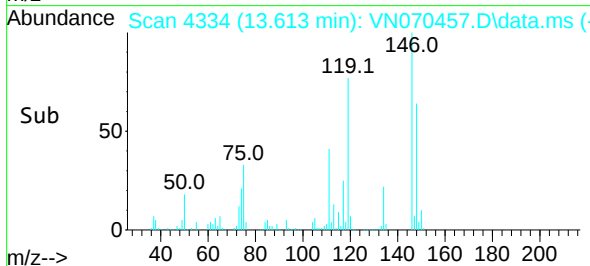
Instrument :
MSVOA_N
ClientSampleId :
VN0104WBSD01



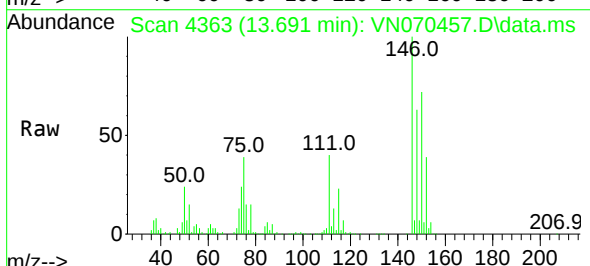
Tgt Ion:146 Resp: 40434
Ion Ratio Lower Upper
146 100
111 41.4 18.6 55.6
148 63.6 31.6 95.0

Manual Integrations
APPROVED

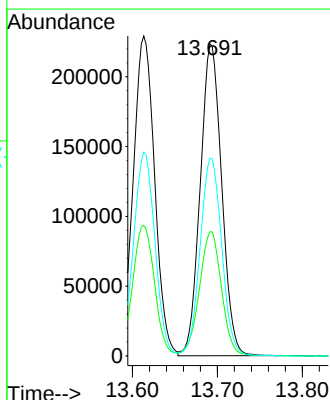
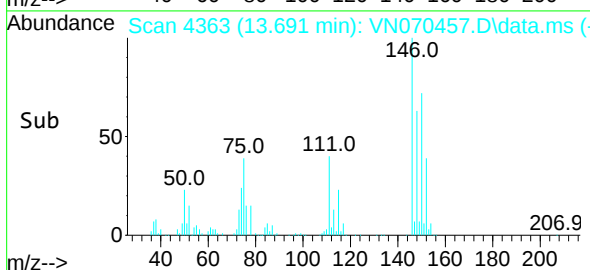
Reviewed By :John Carlone 01/05/2022
Supervised By :Mahesh Dadoda 01/05/2022

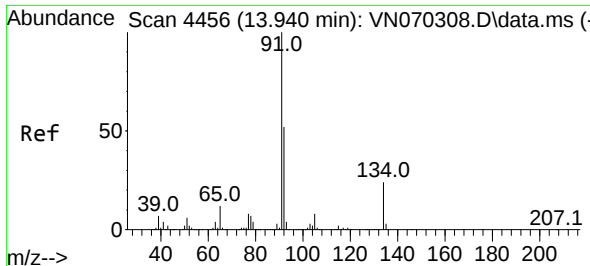


#88
1,4-Dichlorobenzene
Concen: 19.868 ug/l
RT: 13.691 min Scan# 4363
Delta R.T. -0.003 min
Lab File: VN070457.D
Acq: 4 Jan 2022 12:30



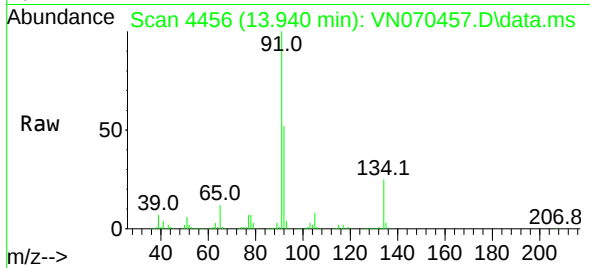
Tgt Ion:146 Resp: 392194
Ion Ratio Lower Upper
146 100
111 40.9 18.3 54.8
148 64.1 31.8 95.4





#89
n-Butylbenzene
Concen: 19.267 ug/l
RT: 13.940 min Scan# 4456
Delta R.T. 0.000 min
Lab File: VN070457.D
Acq: 4 Jan 2022 12:30

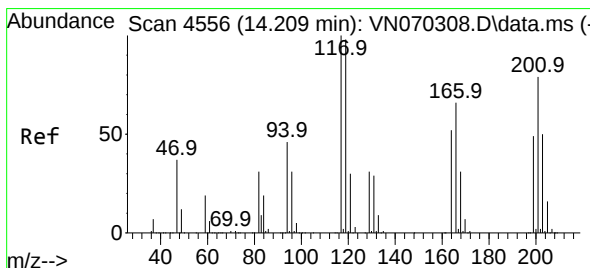
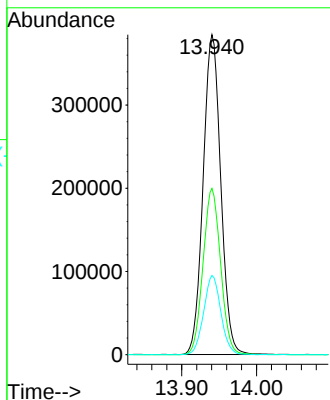
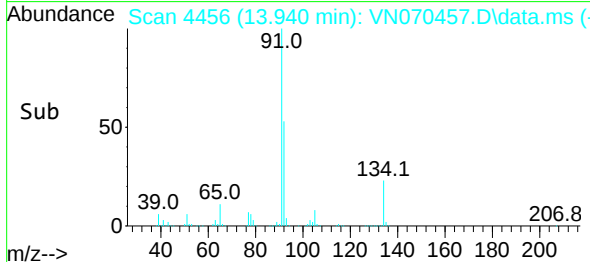
Instrument :
MSVOA_N
ClientSampleId :
VN0104WBSD01



Tgt Ion: 91 Resp: 629690
Ion Ratio Lower Upper
91 100
92 51.8 25.4 76.0
134 24.2 13.6 40.8

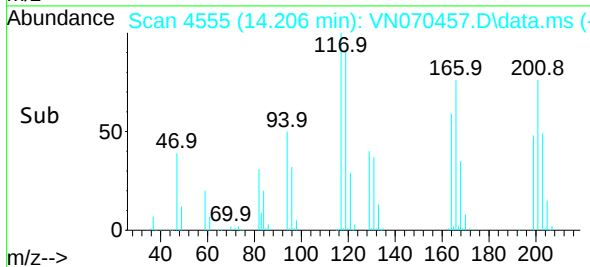
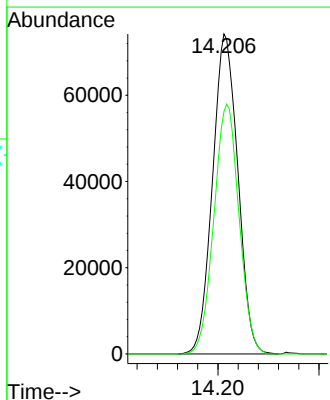
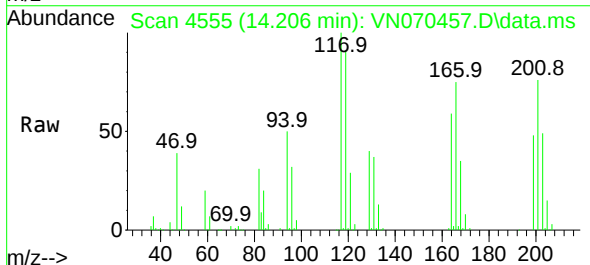
Manual Integrations
APPROVED

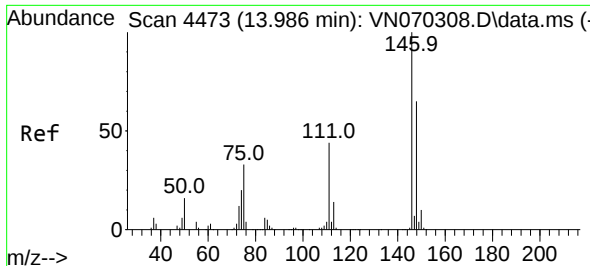
Reviewed By :John Carlone 01/05/2022
Supervised By :Mahesh Dadoda 01/05/2022



#90
Hexachloroethane
Concen: 18.907 ug/l
RT: 14.206 min Scan# 4555
Delta R.T. -0.003 min
Lab File: VN070457.D
Acq: 4 Jan 2022 12:30

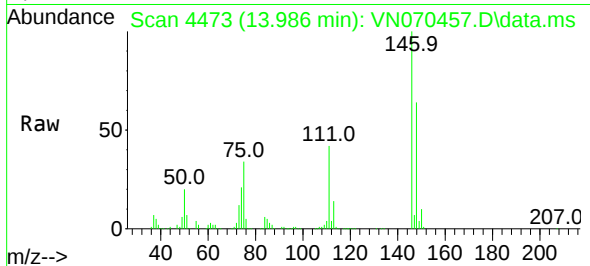
Tgt Ion:117 Resp: 128699
Ion Ratio Lower Upper
117 100
201 77.7 43.9 131.6





#91
1,2-Dichlorobenzene
Concen: 19.976 ug/l
RT: 13.986 min Scan# 4473
Delta R.T. 0.000 min
Lab File: VN070457.D
Acq: 4 Jan 2022 12:30

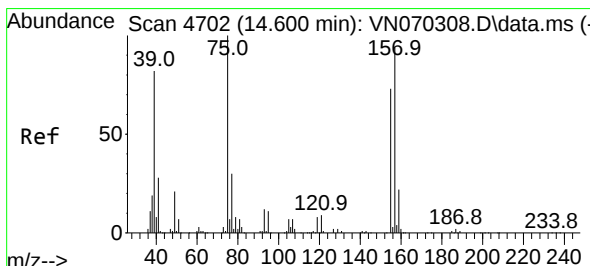
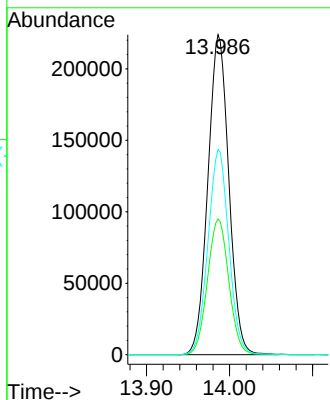
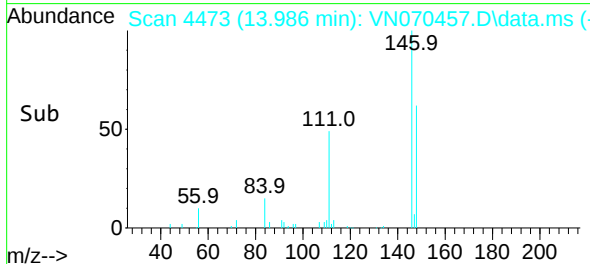
Instrument :
MSVOA_N
ClientSampleId :
VN0104WBSD01



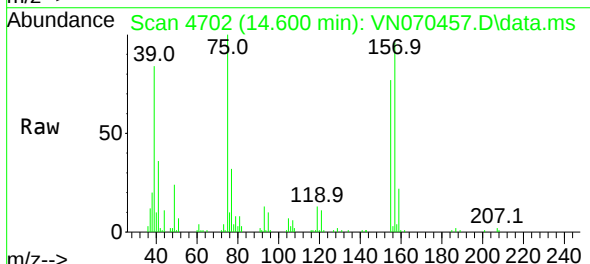
Tgt Ion:146 Resp: 39189
Ion Ratio Lower Upper
146 100
111 43.2 19.1 57.3
148 63.9 32.1 96.3

Manual Integrations
APPROVED

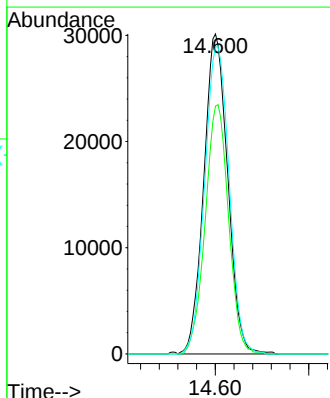
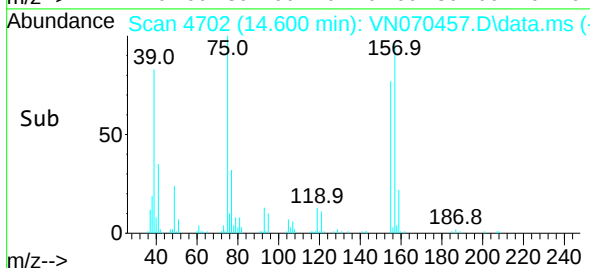
Reviewed By :John Carlone 01/05/2022
Supervised By :Mahesh Dadoda 01/05/2022

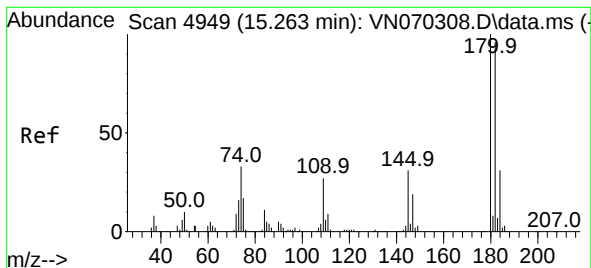


#92
1,2-Dibromo-3-Chloropropane
Concen: 17.755 ug/l
RT: 14.600 min Scan# 4702
Delta R.T. 0.000 min
Lab File: VN070457.D
Acq: 4 Jan 2022 12:30



Tgt Ion: 75 Resp: 53555
Ion Ratio Lower Upper
75 100
155 76.0 46.9 140.7
157 98.5 60.6 181.7





#93

1,2,4-Trichlorobenzene

Concen: 18.749 ug/l

RT: 15.263 min Scan# 4949

Delta R.T. -0.000 min

Lab File: VN070457.D

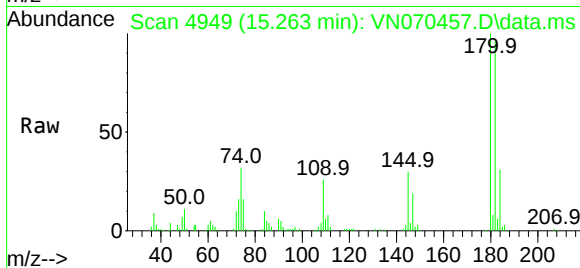
Acq: 4 Jan 2022 12:30

Instrument :

MSVOA_N

ClientSampleId :

VN0104WBSD01



Tgt Ion:180 Resp: 173310

Ion Ratio Lower Upper

180 100

182 96.8 48.3 144.9

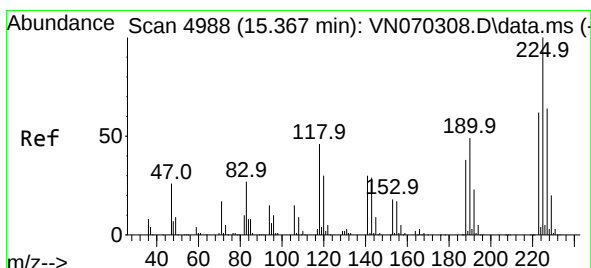
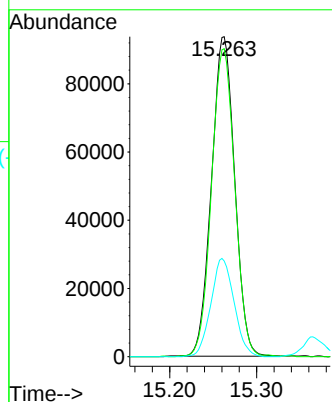
145 30.9 14.5 43.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/05/2022

Supervised By :Mahesh Dadoda 01/05/2022



#94

Hexachlorobutadiene

Concen: 20.559 ug/l

RT: 15.367 min Scan# 4988

Delta R.T. 0.000 min

Lab File: VN070457.D

Acq: 4 Jan 2022 12:30

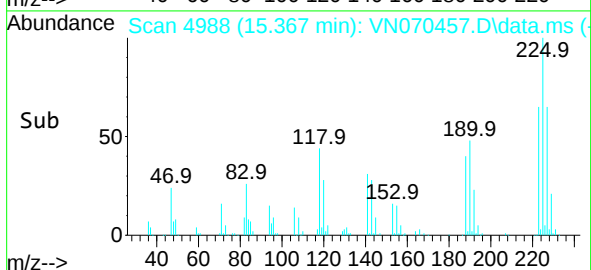
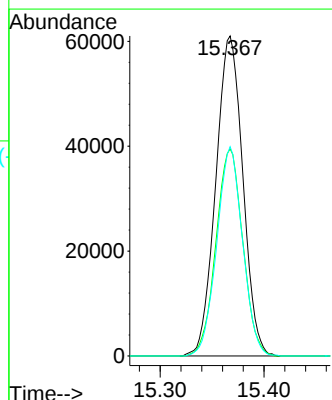
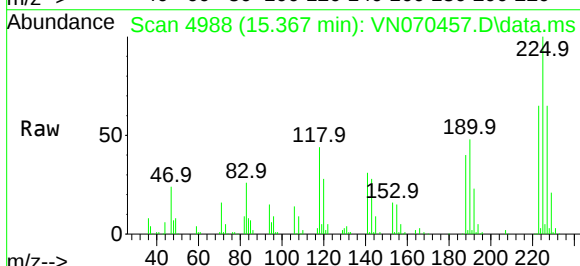
Tgt Ion:225 Resp: 110445

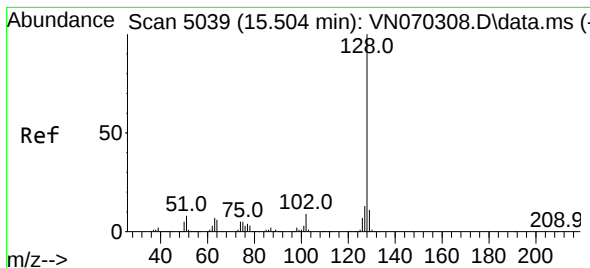
Ion Ratio Lower Upper

225 100

223 64.2 31.9 95.7

227 62.3 32.1 96.3





#95

Naphthalene

Concen: 17.828 ug/l

RT: 15.504 min Scan# 5039

Delta R.T. 0.000 min

Lab File: VN070457.D

Acq: 4 Jan 2022 12:30

Instrument :

MSVOA_N

ClientSampleId :

VN0104WBSD01

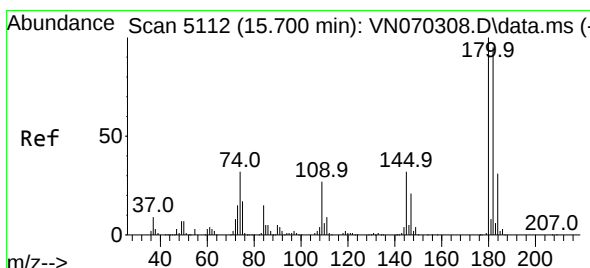
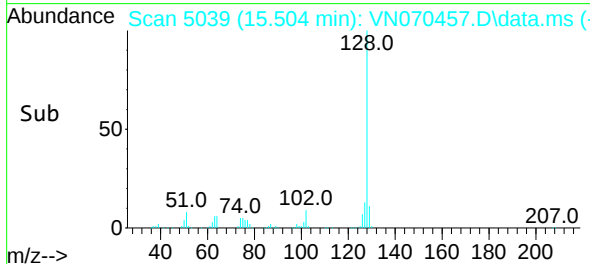
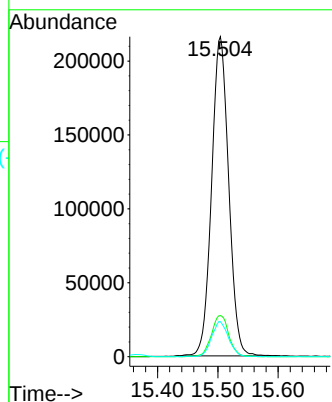
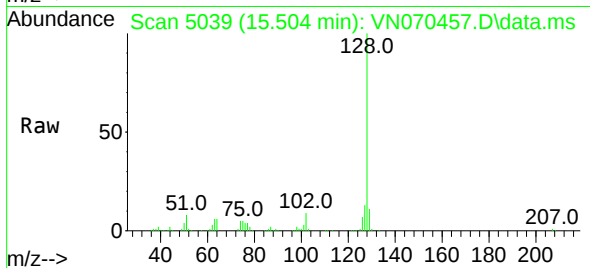
Tgt Ion:	128	Resp:	42480
Ion Ratio	Lower	Upper	
128	100		
127	13.2	10.5	15.7
129	10.7	8.7	13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/05/2022

Supervised By :Mahesh Dadoda 01/05/2022



#96

1,2,3-Trichlorobenzene

Concen: 19.330 ug/l

RT: 15.697 min Scan# 5111

Delta R.T. -0.003 min

Lab File: VN070457.D

Acq: 4 Jan 2022 12:30

Tgt Ion:	180	Resp:	166356
Ion Ratio	Lower	Upper	
180	100		
182	93.8	47.4	142.2
145	32.4	15.0	45.1

