

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121521\
 Data File : VN070107.D
 Acq On : 15 Dec 2021 13:00
 Operator : JC/MD
 Sample : VN1215MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1215MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/16/2021
 Supervised By : Amit Patel 12/16/2021

Quant Time: Dec 16 05:37:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 03 08:46:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	977691	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1583284	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1423460	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	601168	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	682664	45.223	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	90.440%		
35) Dibromofluoromethane	8.021	113	463950	46.782	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	93.560%		
50) Toluene-d8	10.440	98	1818471	45.666	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	91.340%		
62) 4-Bromofluorobenzene	12.731	95	651491	45.159	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	90.320%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.073	85	183990	16.135	ug/l	99
3) Chloromethane	2.303	50	230181	16.112	ug/l	98
4) Vinyl Chloride	2.448	62	209552	15.952	ug/l	99
5) Bromomethane	2.861	94	124395	17.430	ug/l	100
6) Chloroethane	3.022	64	129271	16.059	ug/l	94
7) Trichlorofluoromethane	3.379	101	275086	15.956	ug/l	100
8) Diethyl Ether	3.824	74	119229	17.956	ug/l	81
9) 1,1,2-Trichlorotrifluo...	4.210	101	176117	18.223	ug/l	96
10) Methyl Iodide	4.419	142	209822	15.892	ug/l	99
11) Tert butyl alcohol	5.377	59	198848	69.687	ug/l	98
12) 1,1-Dichloroethene	4.181	96	155217	16.667	ug/l #	82
13) Acrolein	4.041	56	186216	76.634	ug/l	98
14) Allyl chloride	4.840	41	357504	17.036	ug/l #	92
15) Acrylonitrile	5.557	53	619135	80.523	ug/l	99
16) Acetone	4.288	43	743193	81.843	ug/l	96
17) Carbon Disulfide	4.529	76	343705	14.285	ug/l	97
18) Methyl Acetate	4.857	43	439585	16.038	ug/l	91
19) Methyl tert-butyl Ether	5.618	73	636696	17.583	ug/l	95
20) Methylene Chloride	5.093	84	200410	16.602	ug/l #	84
21) trans-1,2-Dichloroethene	5.597	96	166017	16.413	ug/l	85
22) Diisopropyl ether	6.498	45	775724	18.912	ug/l	95
23) Vinyl Acetate	6.434	43	2932593	87.882	ug/l #	94
24) 1,1-Dichloroethane	6.388	63	381893	17.974	ug/l	97
25) 2-Butanone	7.337	43	972805	78.846	ug/l	91
26) 2,2-Dichloropropane	7.324	77	282573	17.105	ug/l	96
27) cis-1,2-Dichloroethene	7.327	96	207072	16.944	ug/l	83
28) Bromochloromethane	7.657	49	191192	17.304	ug/l #	75
29) Tetrahydrofuran	7.686	42	599986	80.084	ug/l #	86
30) Chloroform	7.817	83	378480	17.638	ug/l	100
31) Cyclohexane	8.094	56	365290	17.388	ug/l	88
32) 1,1,1-Trichloroethane	8.013	97	309327	16.923	ug/l	96
36) 1,1-Dichloropropene	8.220	75	271181	17.992	ug/l	96
37) Ethyl Acetate	7.412	43	360134	16.054	ug/l	95
38) Carbon Tetrachloride	8.206	117	243382	16.467	ug/l	97
39) Methylcyclohexane	9.459	83	312484	17.430	ug/l #	86
40) Benzene	8.458	78	828294	17.979	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121521\
 Data File : VN070107.D
 Acq On : 15 Dec 2021 13:00
 Operator : JC/MD
 Sample : VN1215MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1215MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/16/2021
 Supervised By : Amit Patel 12/16/2021

Quant Time: Dec 16 05:37:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 03 08:46:47 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.635	41	189521	17.997	ug/l #	86
42) 1,2-Dichloroethane	8.531	62	332958	17.903	ug/l	97
43) Isopropyl Acetate	8.560	43	570119	17.173	ug/l #	93
44) Trichloroethene	9.217	130	193029	17.554	ug/l	90
45) 1,2-Dichloropropane	9.488	63	228560	18.475	ug/l	98
46) Dibromomethane	9.577	93	141710	17.466	ug/l	93
47) Bromodichloromethane	9.762	83	273974	17.834	ug/l	100
48) Methyl methacrylate	9.561	41	259661	16.760	ug/l	84
49) 1,4-Dioxane	9.569	88	85288	306.809	ug/l #	84
51) 4-Methyl-2-Pentanone	10.330	43	1842882	85.571	ug/l	94
52) Toluene	10.505	92	500360	17.789	ug/l	100
53) t-1,3-Dichloropropene	10.719	75	279244	17.061	ug/l	98
54) cis-1,3-Dichloropropene	10.188	75	314765	17.580	ug/l	90
55) 1,1,2-Trichloroethane	10.896	97	200290	17.649	ug/l	97
56) Ethyl methacrylate	10.762	69	323604	16.703	ug/l #	88
57) 1,3-Dichloropropane	11.044	76	358676	17.950	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.041	63	373966	78.304	ug/l	90
59) 2-Hexanone	11.084	43	1296843	79.603	ug/l	92
60) Dibromochloromethane	11.237	129	182280	16.655	ug/l	99
61) 1,2-Dibromoethane	11.347	107	196836	16.746	ug/l	99
64) Tetrachloroethene	10.977	164	174323	18.061	ug/l	96
65) Chlorobenzene	11.768	112	516843	17.898	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.840	131	178601	17.572	ug/l	99
67) Ethyl Benzene	11.843	91	966476	18.425	ug/l	97
68) m/p-Xylenes	11.953	106	708585	37.099	ug/l	93
69) o-Xylene	12.280	106	350342	18.210	ug/l	91
70) Styrene	12.294	104	550676	18.051	ug/l	94
71) Bromoform	12.457	173	121498	15.944	ug/l #	99
73) Isopropylbenzene	12.578	105	919413	17.189	ug/l	98
74) N-amyl acetate	12.387	43	361434	15.280	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.825	83	311443	16.838	ug/l	98
76) 1,2,3-Trichloropropane	12.878	75	279467m	16.210	ug/l	
77) Bromobenzene	12.860	156	208781	16.618	ug/l	77
78) n-propylbenzene	12.919	91	1047307	17.596	ug/l	96
79) 2-Chlorotoluene	13.007	91	658555	17.511	ug/l	92
80) 1,3,5-Trimethylbenzene	13.058	105	748529	17.387	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.626	75	67046	15.755	ug/l #	84
82) 4-Chlorotoluene	13.104	91	623988	17.643	ug/l	91
83) tert-Butylbenzene	13.321	119	659035	17.288	ug/l	94
84) 1,2,4-Trimethylbenzene	13.366	105	733895	17.900	ug/l	97
85) sec-Butylbenzene	13.501	105	903056	17.465	ug/l	97
86) p-Isopropyltoluene	13.616	119	709902	17.564	ug/l	96
87) 1,3-Dichlorobenzene	13.616	146	357723	17.332	ug/l	96
88) 1,4-Dichlorobenzene	13.694	146	342079	16.865	ug/l	95
89) n-Butylbenzene	13.940	91	546898	16.681	ug/l	97
90) Hexachloroethane	14.209	117	106914	15.067	ug/l	87
91) 1,2-Dichlorobenzene	13.989	146	350055	17.407	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.600	75	47949	14.346	ug/l	75
93) 1,2,4-Trichlorobenzene	15.263	180	143842	16.622	ug/l	97
94) Hexachlorobutadiene	15.370	225	100648	18.885	ug/l	99
95) Naphthalene	15.504	128	339400	14.617	ug/l	100
96) 1,2,3-Trichlorobenzene	15.700	180	136997	15.993	ug/l	94

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121521\
Data File : VN070107.D
Acq On : 15 Dec 2021 13:00
Operator : JC/MD
Sample : VN1215MBS01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN1215MBS01

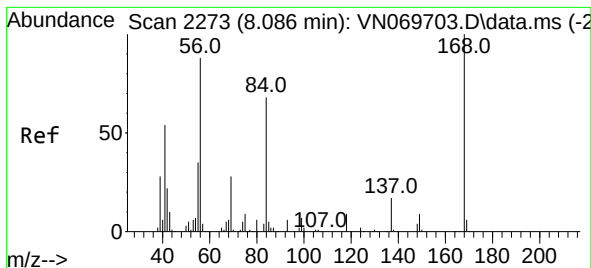
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/16/2021
Supervised By :Amit Patel 12/16/2021

Quant Time: Dec 16 05:37:53 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 03 08:46:47 2021
Response via : Initial Calibration

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

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.086 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN070107.D

Acq: 15 Dec 2021 13:00

Instrument :

MSVOA_N

ClientSampleId :

VN1215MBS01

Tgt Ion:168 Resp: 97769

Ion Ratio Lower Upper

168 100

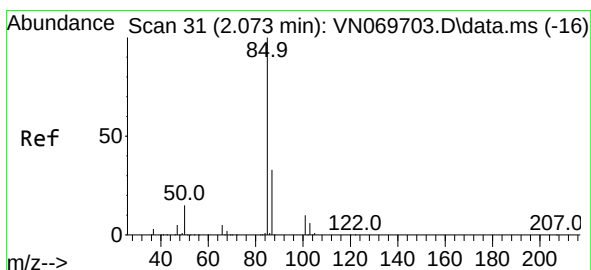
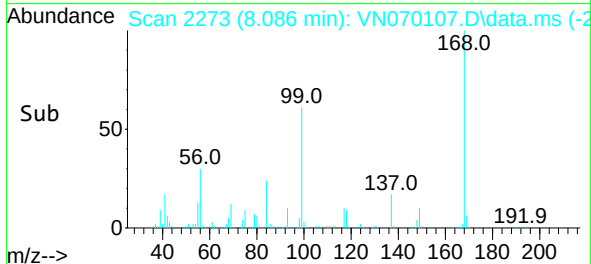
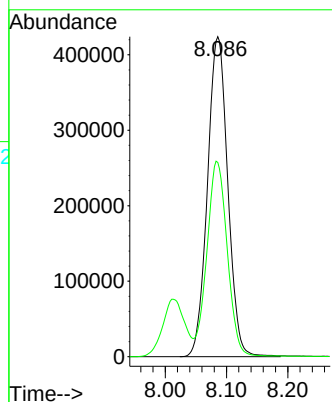
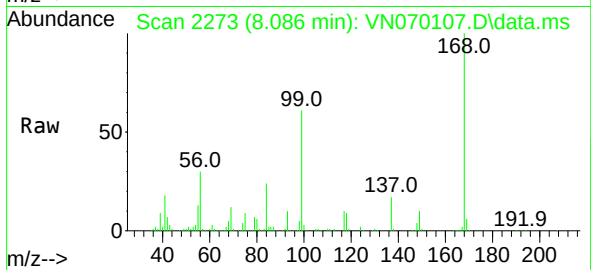
99 60.5 41.3 61.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/16/2021

Supervised By :Amit Patel 12/16/2021



#2

Dichlorodifluoromethane

Concen: 16.135 ug/l

RT: 2.073 min Scan# 31

Delta R.T. 0.000 min

Lab File: VN070107.D

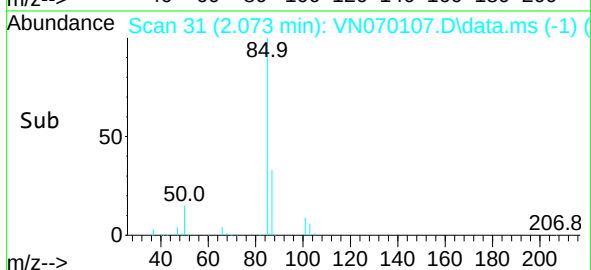
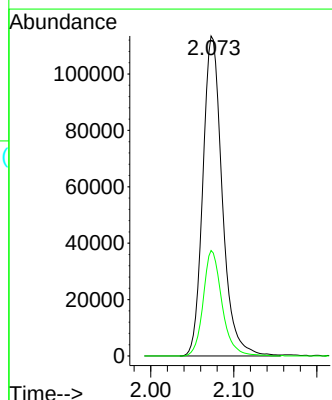
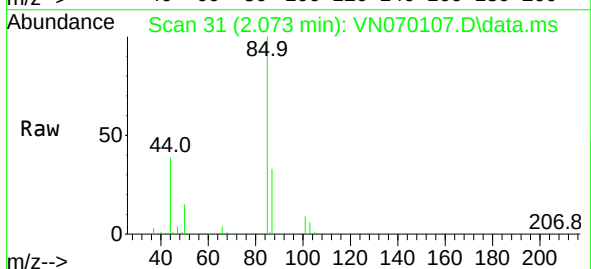
Acq: 15 Dec 2021 13:00

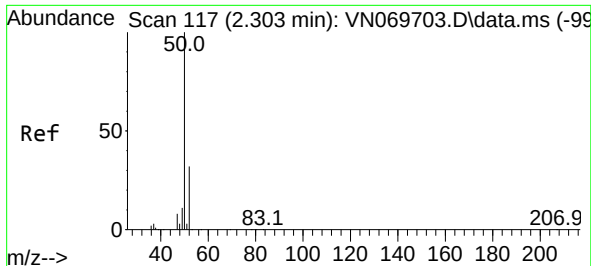
Tgt Ion: 85 Resp: 183990

Ion Ratio Lower Upper

85 100

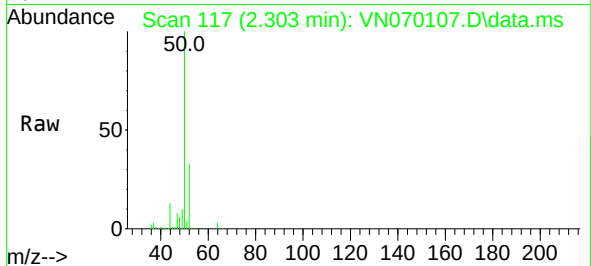
87 33.0 16.3 48.9





#3
Chloromethane
Concen: 16.112 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN070107.D
Acq: 15 Dec 2021 13:00

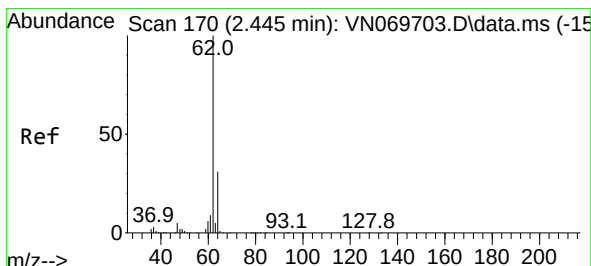
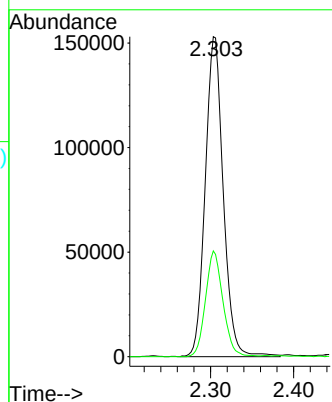
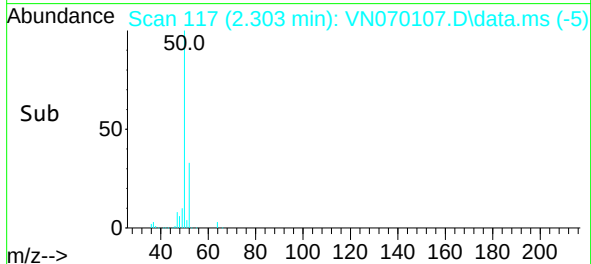
Instrument :
MSVOA_N
ClientSampleId :
VN1215MBS01



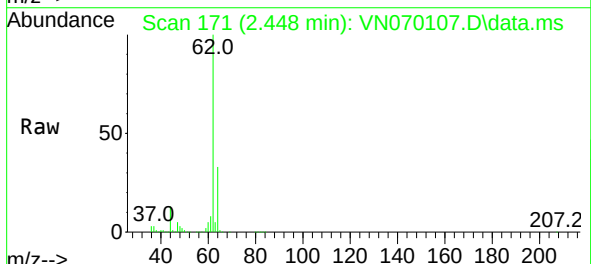
Tgt Ion: 50 Resp: 23018
Ion Ratio Lower Upper
50 100
52 33.1 25.4 38.0

Manual Integrations
APPROVED

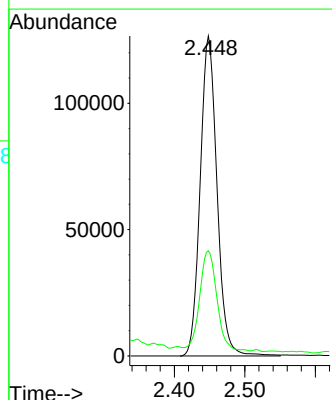
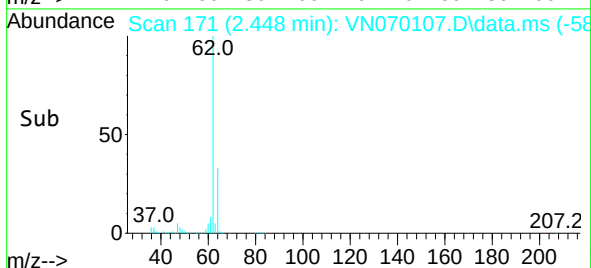
Reviewed By :John Carlone 12/16/2021
Supervised By :Amit Patel 12/16/2021

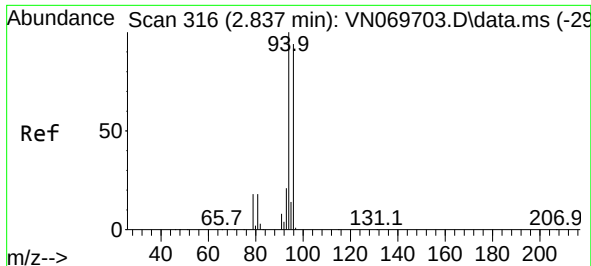


#4
Vinyl Chloride
Concen: 15.952 ug/l
RT: 2.448 min Scan# 171
Delta R.T. 0.003 min
Lab File: VN070107.D
Acq: 15 Dec 2021 13:00



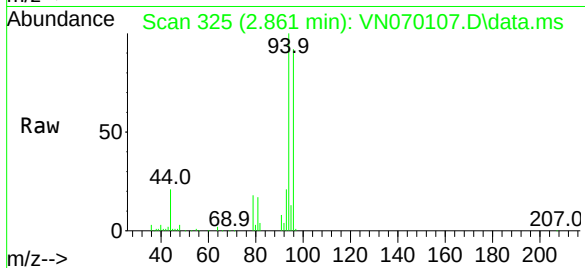
Tgt Ion: 62 Resp: 209552
Ion Ratio Lower Upper
62 100
64 31.5 25.8 38.6





#5
Bromomethane
Concen: 17.430 ug/l
RT: 2.861 min Scan# 316
Delta R.T. 0.024 min
Lab File: VN070107.D
Acq: 15 Dec 2021 13:00

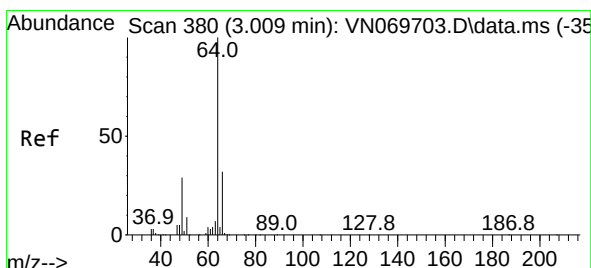
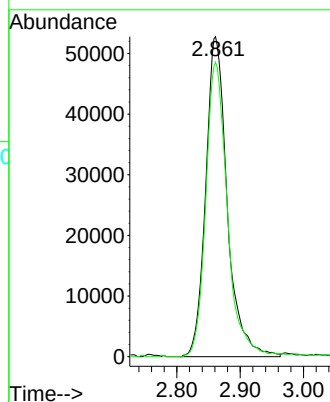
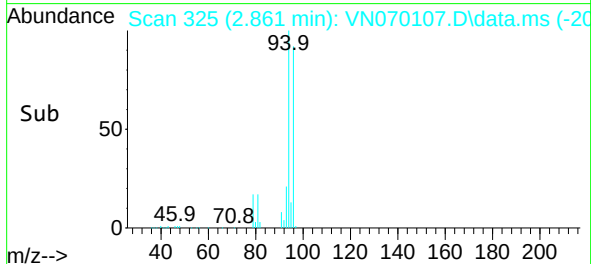
Instrument :
MSVOA_N
ClientSampleId :
VN1215MBS01



Tgt Ion: 94 Resp: 124395
Ion Ratio Lower Upper
94 100
96 92.0 73.8 110.8

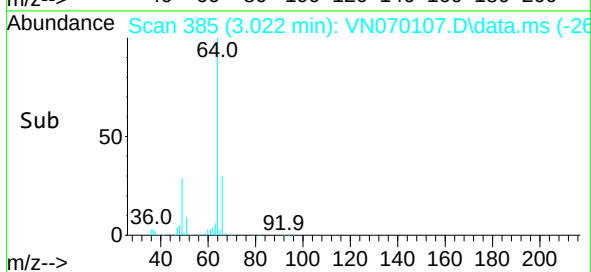
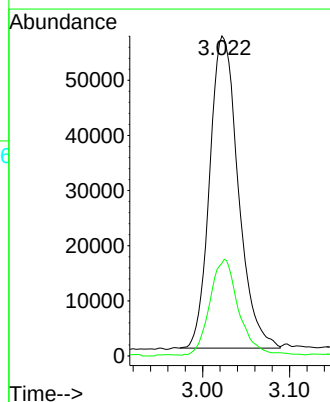
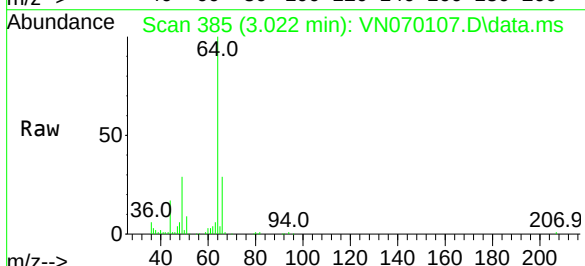
Manual Integrations
APPROVED

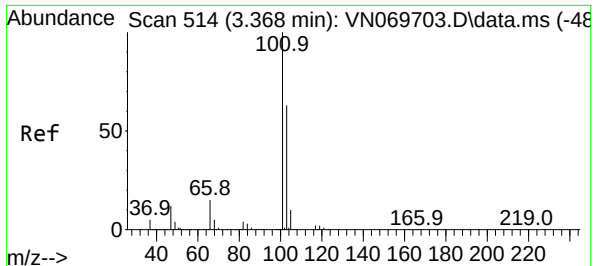
Reviewed By :John Carlone 12/16/2021
Supervised By :Amit Patel 12/16/2021



#6
Chloroethane
Concen: 16.059 ug/l
RT: 3.022 min Scan# 385
Delta R.T. 0.014 min
Lab File: VN070107.D
Acq: 15 Dec 2021 13:00

Tgt Ion: 64 Resp: 129271
Ion Ratio Lower Upper
64 100
66 29.4 26.3 39.5





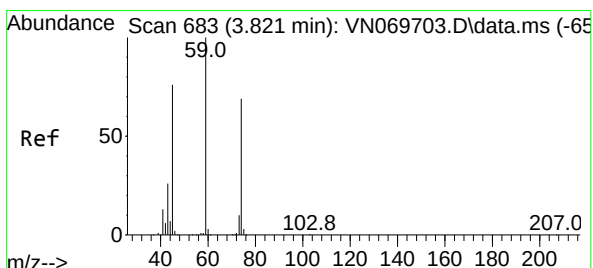
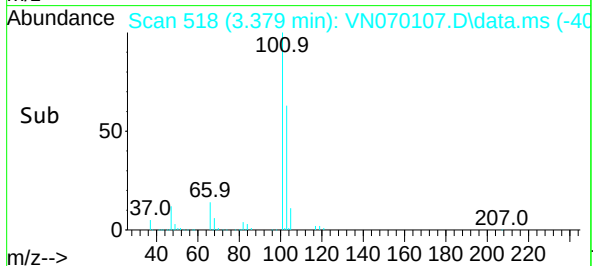
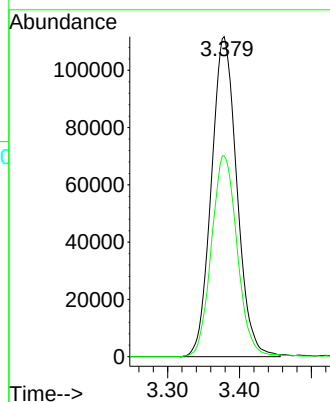
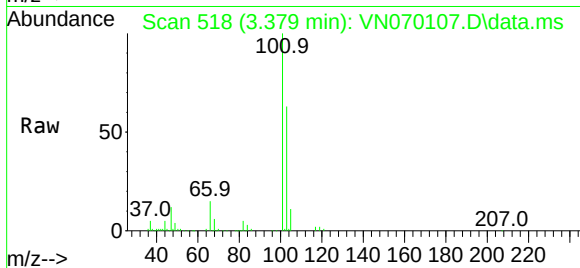
#7
Trichlorofluoromethane
Concen: 15.956 ug/l
RT: 3.379 min Scan# 514
Delta R.T. 0.011 min
Lab File: VN070107.D
Acq: 15 Dec 2021 13:00

Instrument :
MSVOA_N
ClientSampleId :
VN1215MBS01

Tgt Ion:101 Resp: 275080
Ion Ratio Lower Upper
101 100
103 62.8 50.1 75.1

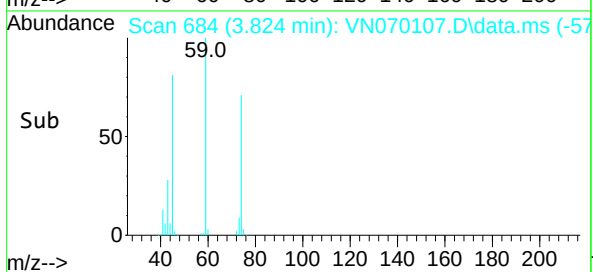
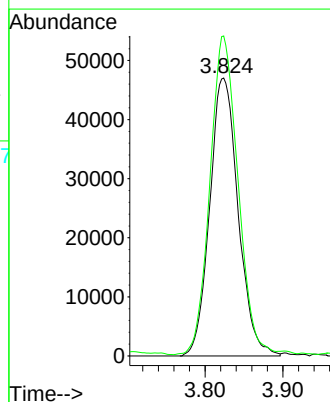
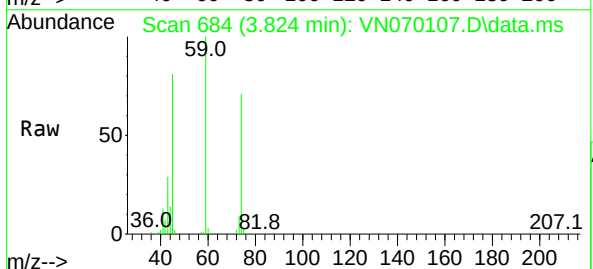
Manual Integrations
APPROVED

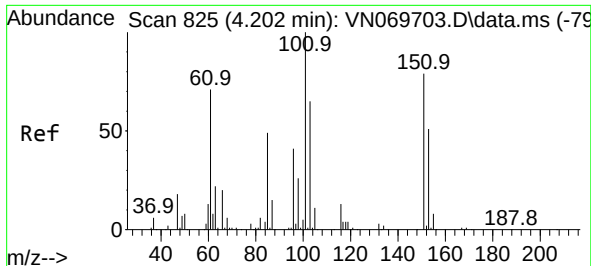
Reviewed By :John Carlone 12/16/2021
Supervised By :Amit Patel 12/16/2021



#8
Diethyl Ether
Concen: 17.956 ug/l
RT: 3.824 min Scan# 684
Delta R.T. 0.003 min
Lab File: VN070107.D
Acq: 15 Dec 2021 13:00

Tgt Ion: 74 Resp: 119229
Ion Ratio Lower Upper
74 100
45 112.6 47.0 141.2





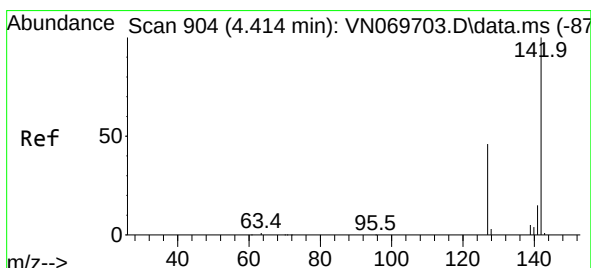
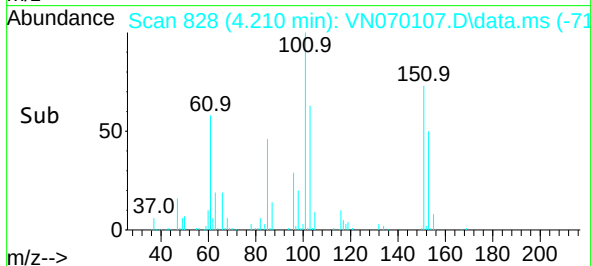
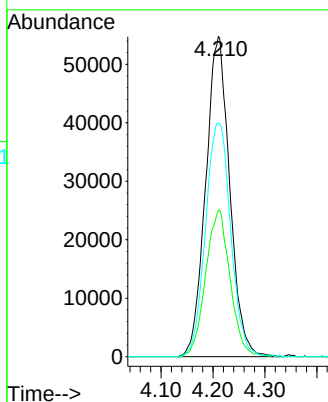
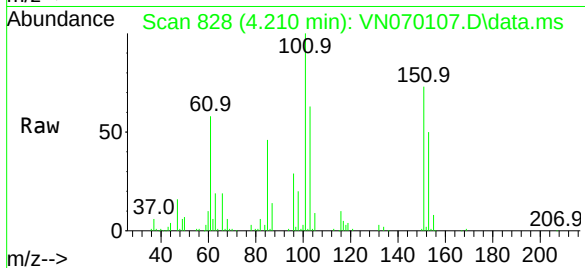
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.223 ug/l
RT: 4.210 min Scan# 81
Delta R.T. 0.008 min
Lab File: VN070107.D
Acq: 15 Dec 2021 13:00

Instrument :
MSVOA_N
ClientSampleId :
VN1215MBS01

Tgt Ion:101 Resp: 17611
Ion Ratio Lower Upper
101 100
85 46.2 37.2 55.8
151 76.5 65.9 98.9

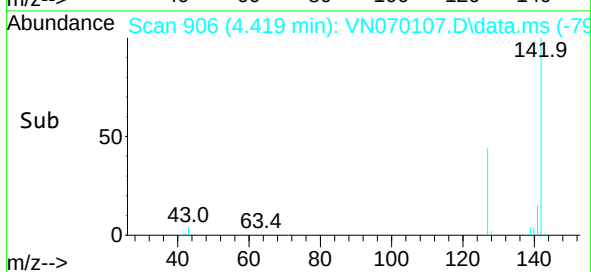
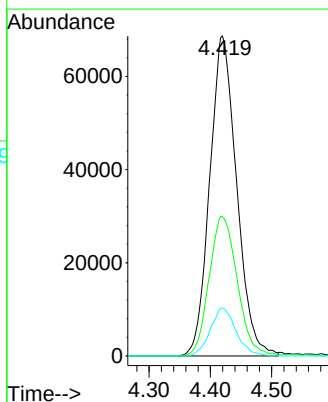
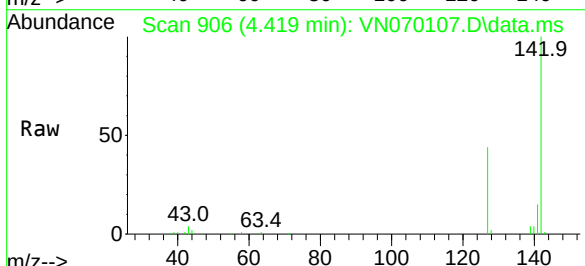
Manual Integrations
APPROVED

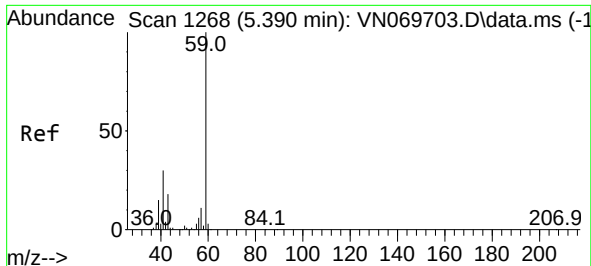
Reviewed By :John Carlone 12/16/2021
Supervised By :Amit Patel 12/16/2021



#10
Methyl Iodide
Concen: 15.892 ug/l
RT: 4.419 min Scan# 906
Delta R.T. 0.005 min
Lab File: VN070107.D
Acq: 15 Dec 2021 13:00

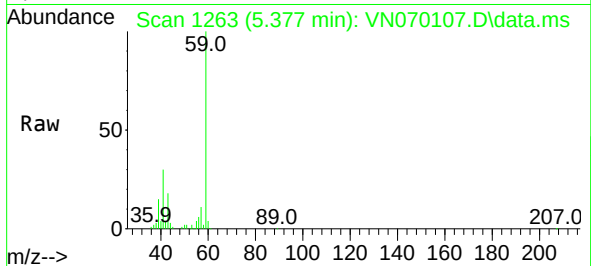
Tgt Ion:142 Resp: 209822
Ion Ratio Lower Upper
142 100
127 45.3 35.4 53.0
141 14.4 11.6 17.4





#11
Tert butyl alcohol
Concen: 69.687 ug/l
RT: 5.377 min Scan# 11
Delta R.T. -0.013 min
Lab File: VN070107.D
Acq: 15 Dec 2021 13:00

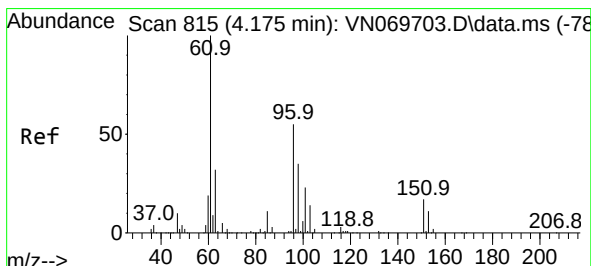
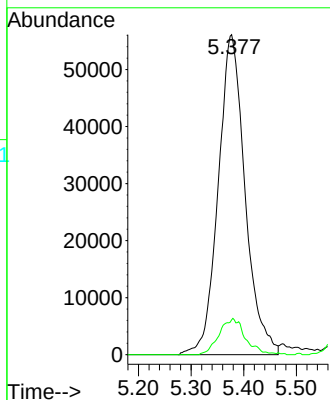
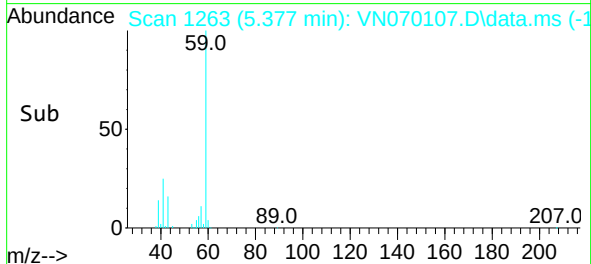
Instrument :
MSVOA_N
ClientSampleId :
VN1215MBS01



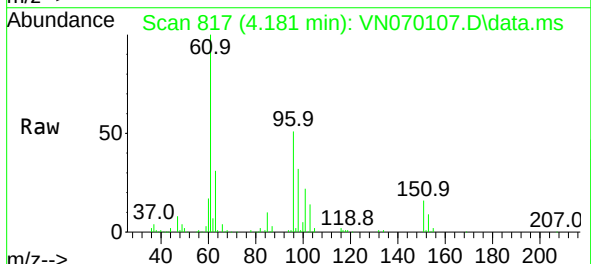
Tgt Ion: 59 Resp: 198848
Ion Ratio Lower Upper
59 100
57 10.1 8.7 13.1

Manual Integrations
APPROVED

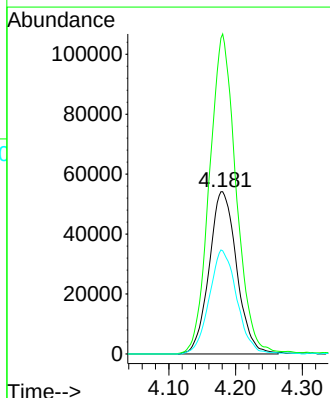
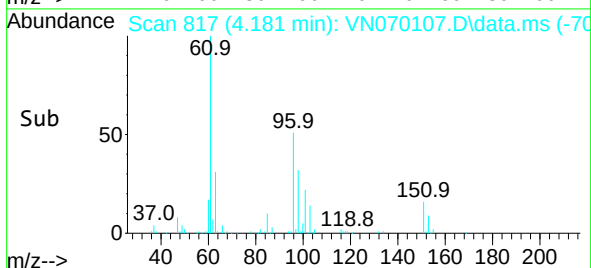
Reviewed By :John Carlone 12/16/2021
Supervised By :Amit Patel 12/16/2021

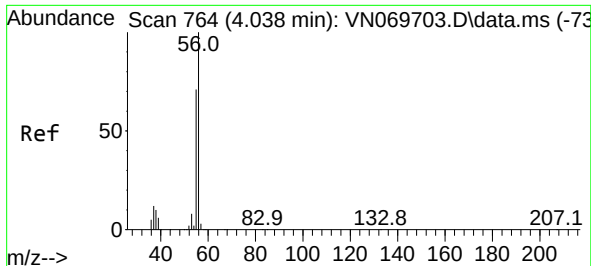


#12
1,1-Dichloroethene
Concen: 16.667 ug/l
RT: 4.181 min Scan# 817
Delta R.T. 0.005 min
Lab File: VN070107.D
Acq: 15 Dec 2021 13:00



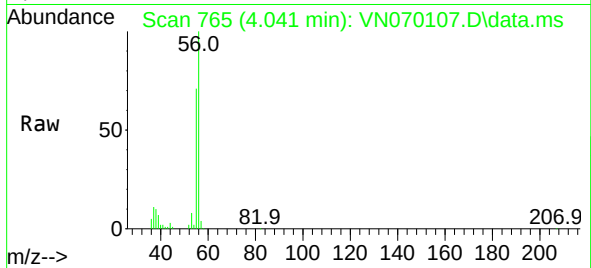
Tgt Ion: 96 Resp: 155217
Ion Ratio Lower Upper
96 100
61 196.8 131.0 196.6#
98 63.6 52.4 78.6





#13
Acrolein
Concen: 76.634 ug/l
RT: 4.041 min Scan# 70
Delta R.T. 0.003 min
Lab File: VN070107.D
Acq: 15 Dec 2021 13:00

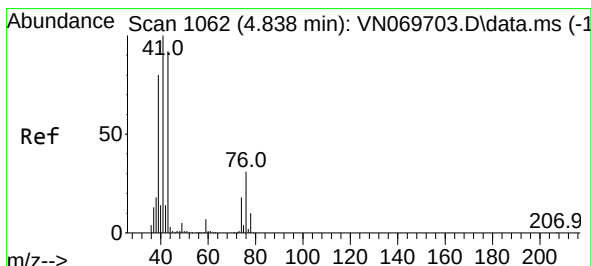
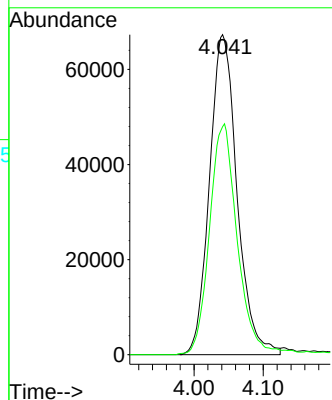
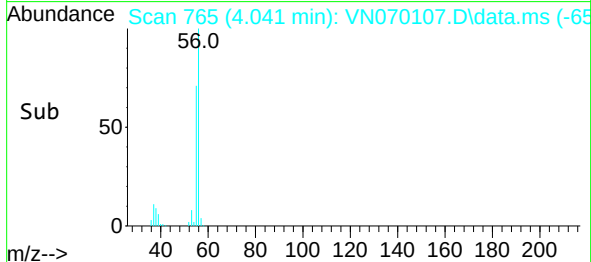
Instrument :
MSVOA_N
ClientSampleId :
VN1215MBS01



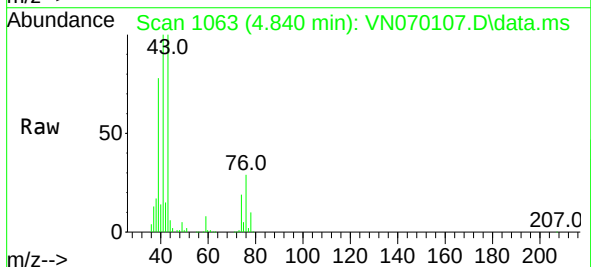
Tgt Ion: 56 Resp: 186210
Ion Ratio Lower Upper
56 100
55 72.8 56.6 85.0

Manual Integrations
APPROVED

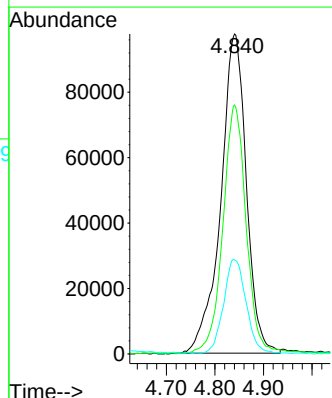
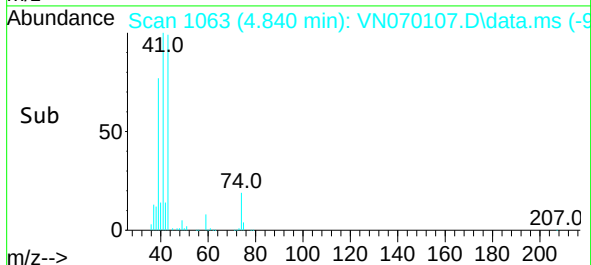
Reviewed By :John Carlone 12/16/2021
Supervised By :Amit Patel 12/16/2021

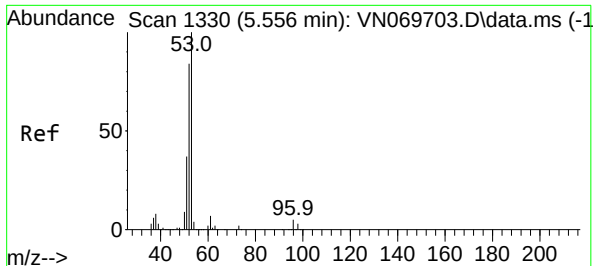


#14
Allyl chloride
Concen: 17.036 ug/l
RT: 4.840 min Scan# 1063
Delta R.T. 0.003 min
Lab File: VN070107.D
Acq: 15 Dec 2021 13:00



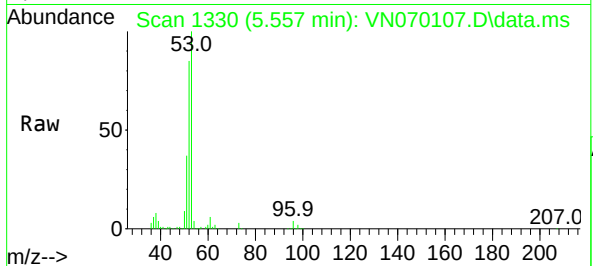
Tgt Ion: 41 Resp: 357504
Ion Ratio Lower Upper
41 100
39 71.3 61.2 91.8
76 25.5 26.0 39.0





#15
Acrylonitrile
Concen: 80.523 ug/l
RT: 5.557 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN070107.D
Acq: 15 Dec 2021 13:00

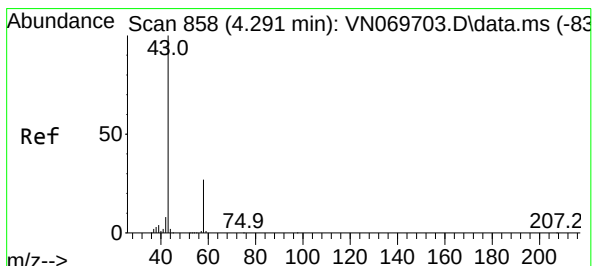
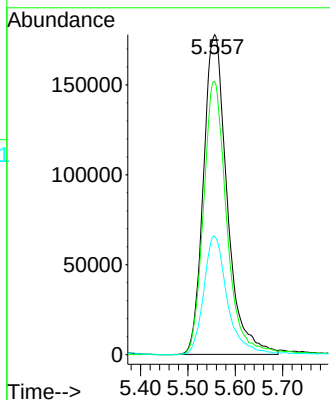
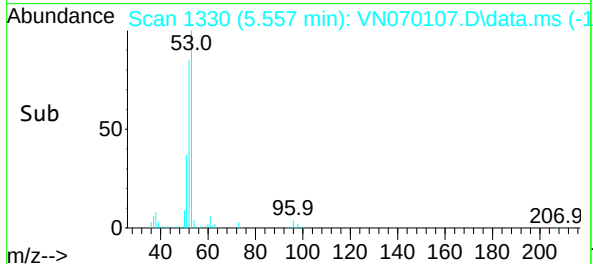
Instrument :
MSVOA_N
ClientSampleId :
VN1215MBS01



Tgt Ion: 53 Resp: 61913
Ion Ratio Lower Upper
53 100
52 83.5 66.2 99.2
51 37.1 29.6 44.4

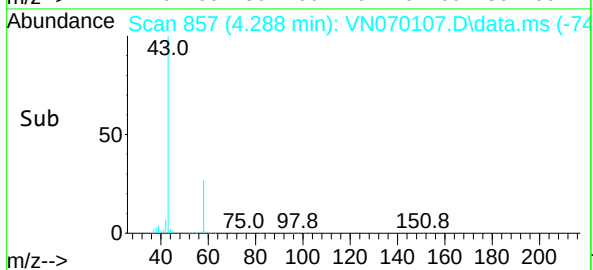
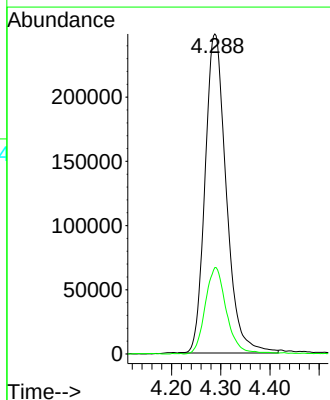
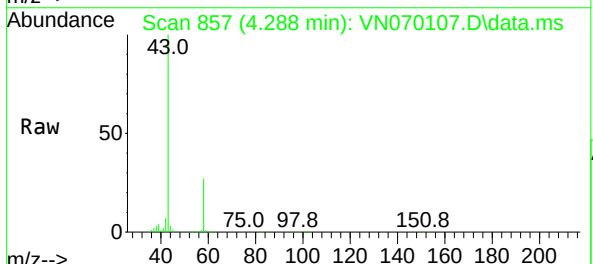
Manual Integrations
APPROVED

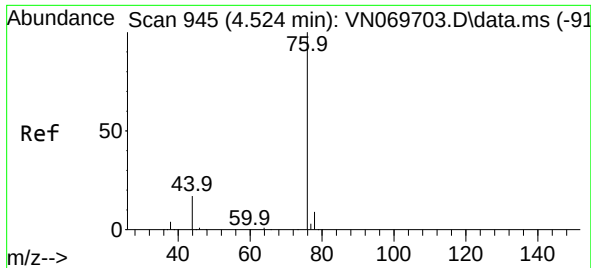
Reviewed By :John Carlone 12/16/2021
Supervised By :Amit Patel 12/16/2021



#16
Acetone
Concen: 81.843 ug/l
RT: 4.288 min Scan# 857
Delta R.T. -0.003 min
Lab File: VN070107.D
Acq: 15 Dec 2021 13:00

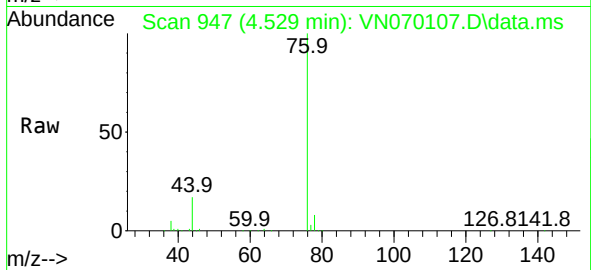
Tgt Ion: 43 Resp: 743193
Ion Ratio Lower Upper
43 100
58 27.0 23.1 34.7





#17
Carbon Disulfide
Concen: 14.285 ug/l
RT: 4.529 min Scan# 945
Delta R.T. 0.005 min
Lab File: VN070107.D
Acq: 15 Dec 2021 13:00

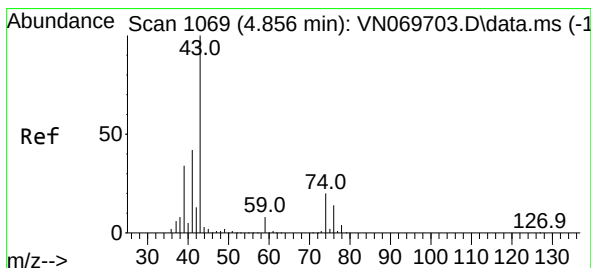
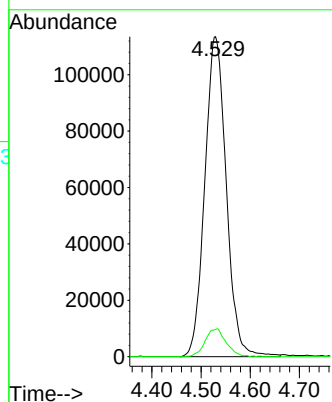
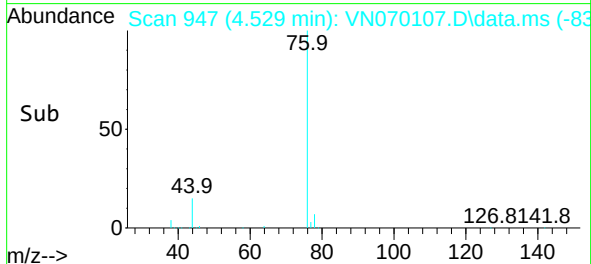
Instrument :
MSVOA_N
ClientSampleId :
VN1215MBS01



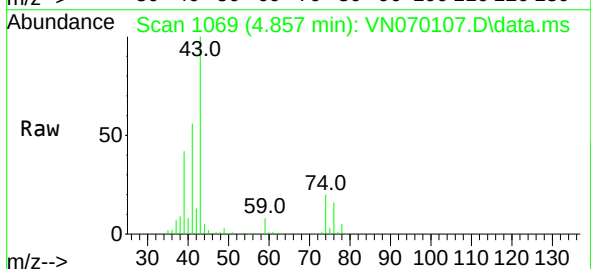
Tgt Ion: 76 Resp: 34370
Ion Ratio Lower Upper
76 100
78 8.5 7.5 11.3

Manual Integrations
APPROVED

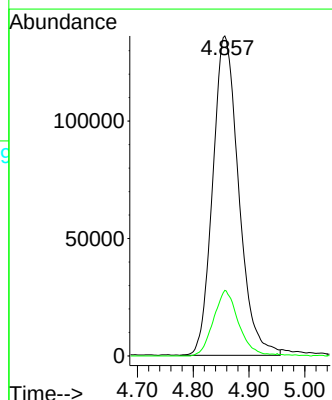
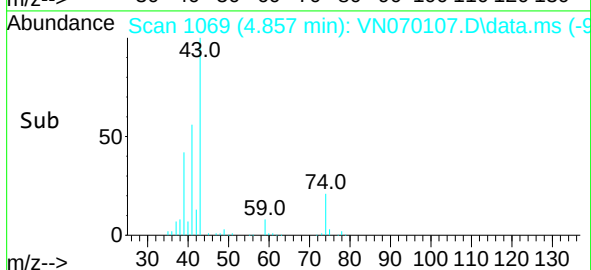
Reviewed By :John Carlone 12/16/2021
Supervised By :Amit Patel 12/16/2021

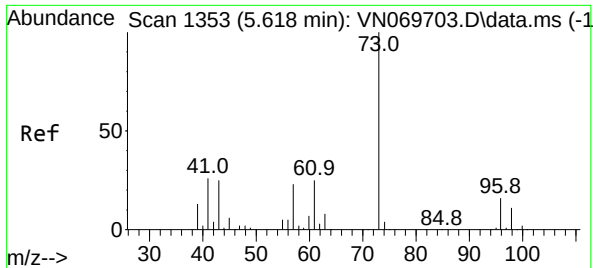


#18
Methyl Acetate
Concen: 16.038 ug/l
RT: 4.857 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VN070107.D
Acq: 15 Dec 2021 13:00



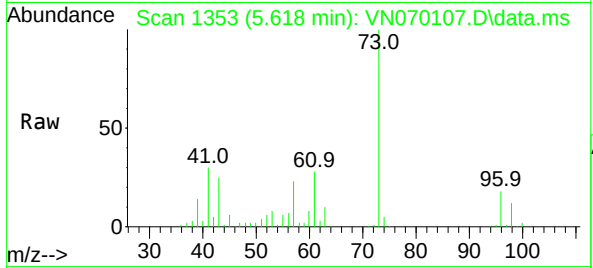
Tgt Ion: 43 Resp: 439585
Ion Ratio Lower Upper
43 100
74 19.9 19.4 29.2





#19
Methyl tert-butyl Ether
Concen: 17.583 ug/l
RT: 5.618 min Scan# 11353
Delta R.T. 0.000 min
Lab File: VN070107.D
Acq: 15 Dec 2021 13:00

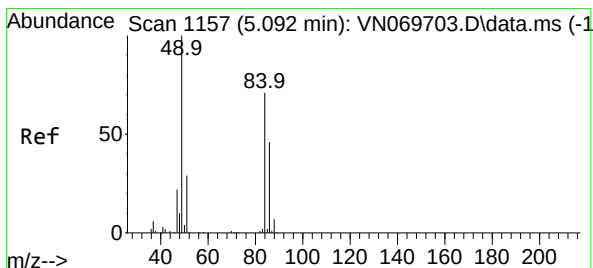
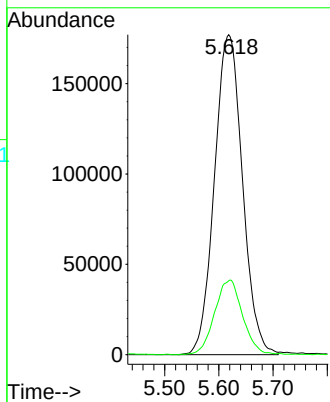
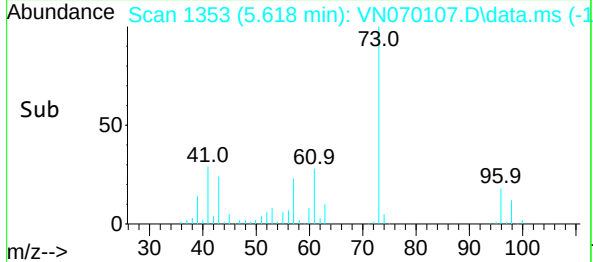
Instrument :
MSVOA_N
ClientSampleId :
VN1215MBS01



Tgt Ion: 73 Resp: 636690
Ion Ratio Lower Upper
73 100
57 23.1 16.8 25.2

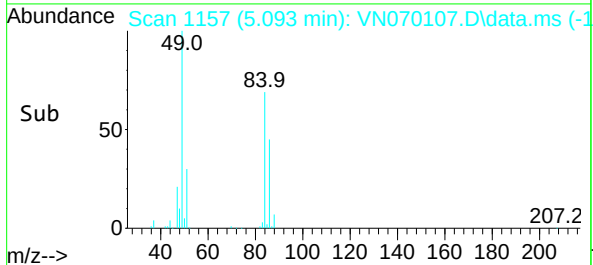
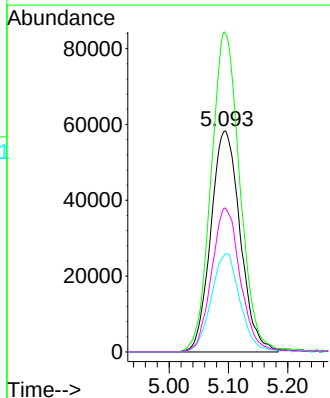
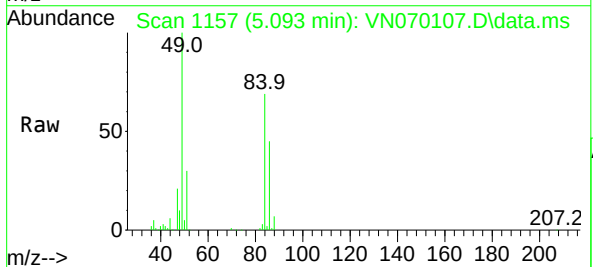
Manual Integrations
APPROVED

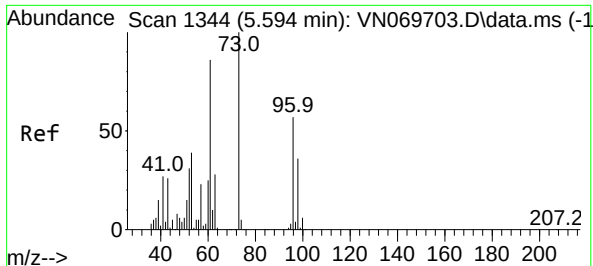
Reviewed By :John Carlone 12/16/2021
Supervised By :Amit Patel 12/16/2021



#20
Methylene Chloride
Concen: 16.602 ug/l
RT: 5.093 min Scan# 1157
Delta R.T. 0.000 min
Lab File: VN070107.D
Acq: 15 Dec 2021 13:00

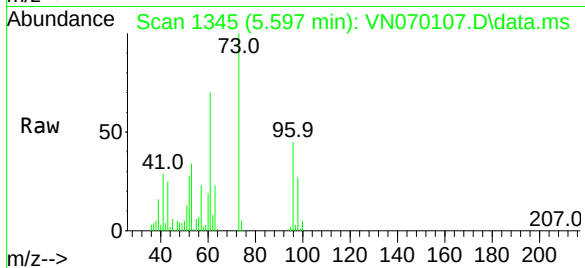
Tgt Ion: 84 Resp: 200410
Ion Ratio Lower Upper
84 100
49 144.9 93.5 140.3#
51 43.8 29.4 44.2
86 65.2 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 16.413 ug/l
RT: 5.597 min Scan# 11
Delta R.T. 0.003 min
Lab File: VN070107.D
Acq: 15 Dec 2021 13:00

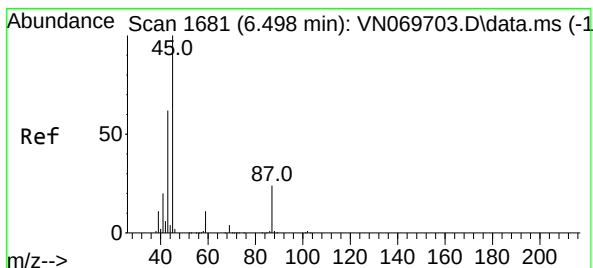
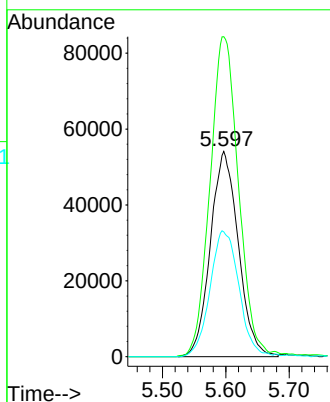
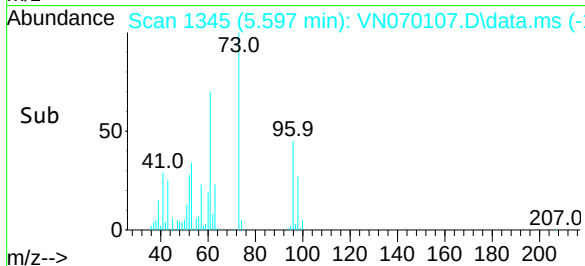
Instrument :
MSVOA_N
ClientSampleId :
VN1215MBS01



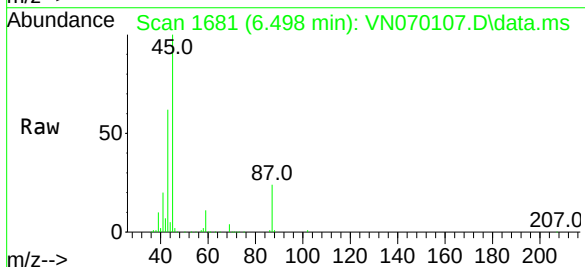
Tgt Ion: 96 Resp: 16601
Ion Ratio Lower Upper
96 100
61 155.4 105.8 158.6
98 60.8 52.0 78.0

Manual Integrations
APPROVED

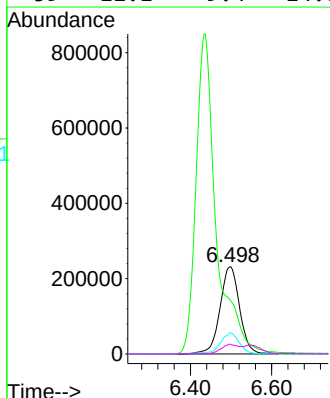
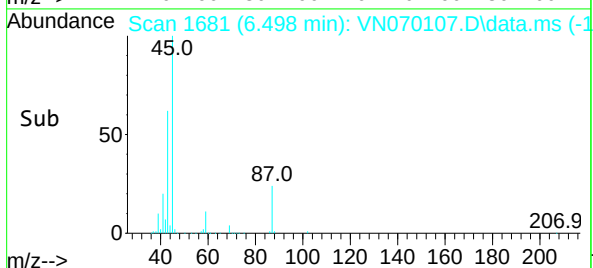
Reviewed By :John Carlone 12/16/2021
Supervised By :Amit Patel 12/16/2021

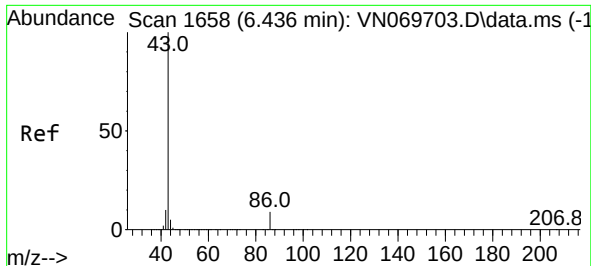


#22
Diisopropyl ether
Concen: 18.912 ug/l
RT: 6.498 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VN070107.D
Acq: 15 Dec 2021 13:00



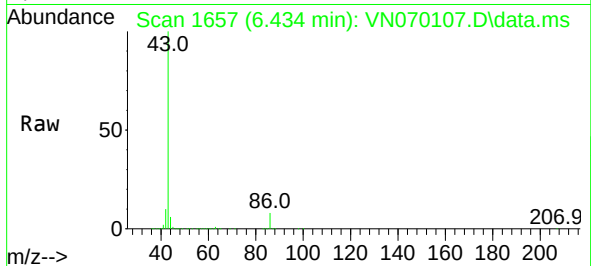
Tgt Ion: 45 Resp: 775724
Ion Ratio Lower Upper
45 100
43 61.2 51.7 77.5
87 24.0 23.2 34.8
59 11.1 9.4 14.0





#23
 Vinyl Acetate
 Concen: 87.882 ug/l
 RT: 6.434 min Scan# 1657
 Delta R.T. -0.003 min
 Lab File: VN070107.D
 Acq: 15 Dec 2021 13:00

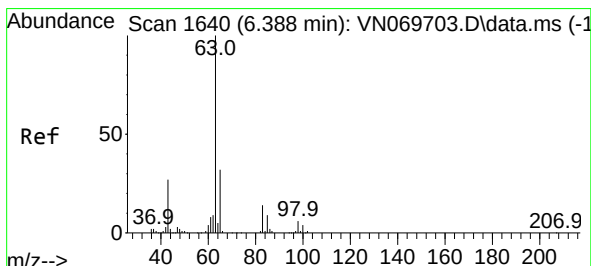
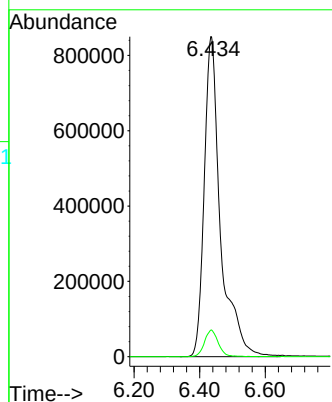
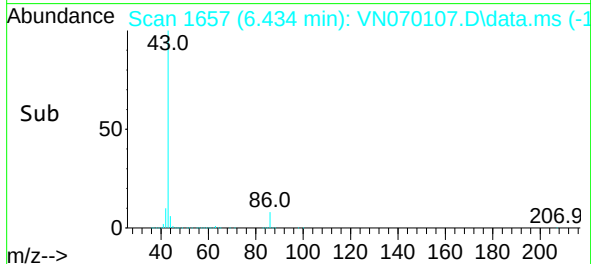
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1215MBS01



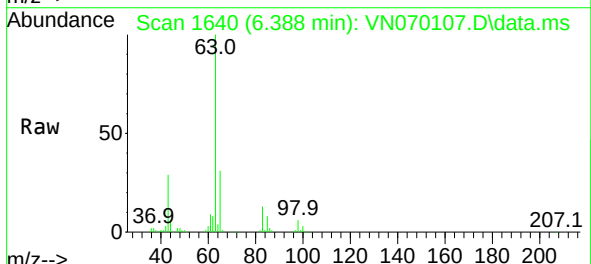
Tgt Ion: 43 Resp: 293259
 Ion Ratio Lower Upper
 43 100
 86 8.3 8.5 12.7

Manual Integrations
 APPROVED

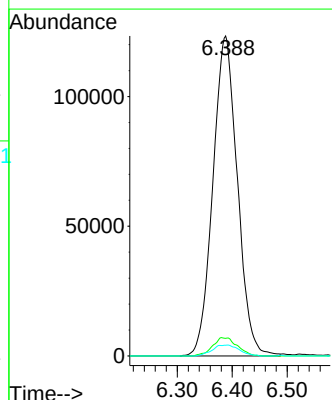
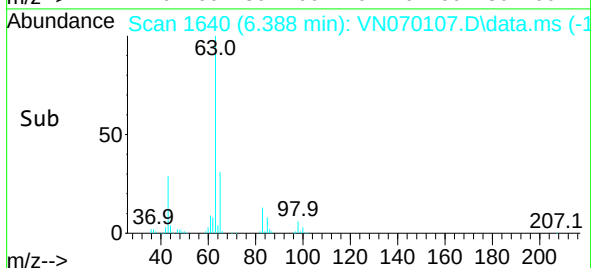
Reviewed By :John Carlone 12/16/2021
 Supervised By :Amit Patel 12/16/2021

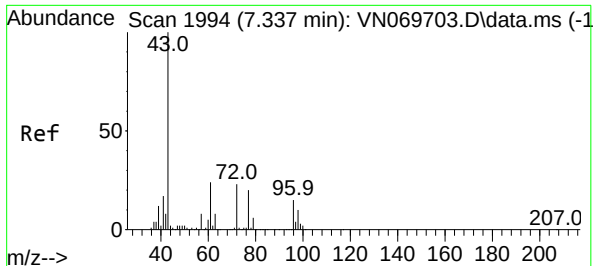


#24
 1,1-Dichloroethane
 Concen: 17.974 ug/l
 RT: 6.388 min Scan# 1640
 Delta R.T. 0.000 min
 Lab File: VN070107.D
 Acq: 15 Dec 2021 13:00



Tgt Ion: 63 Resp: 381893
 Ion Ratio Lower Upper
 63 100
 98 5.5 3.3 9.9
 100 3.4 2.1 6.5





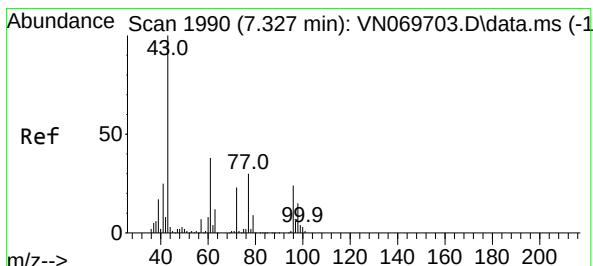
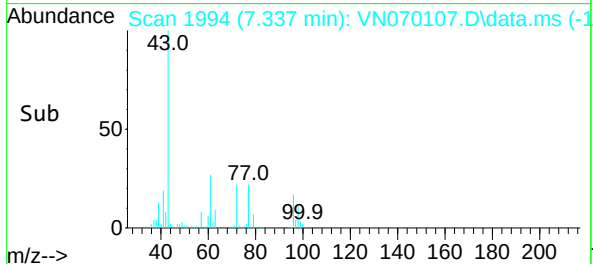
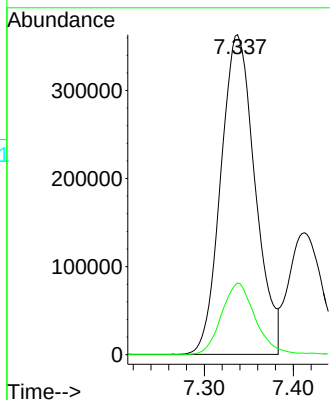
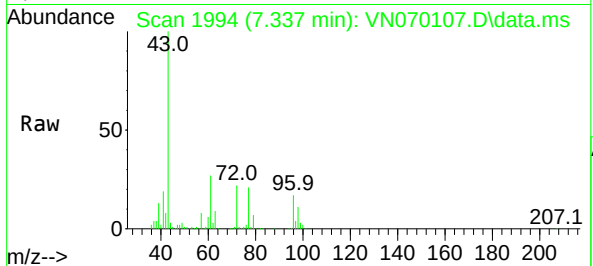
#25
2-Butanone
Concen: 78.846 ug/l
RT: 7.337 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VN070107.D
Acq: 15 Dec 2021 13:00

Instrument :
MSVOA_N
ClientSampleId :
VN1215MBS01

Tgt Ion: 43 Resp: 97280
Ion Ratio Lower Upper
43 100
72 22.4 21.7 32.5

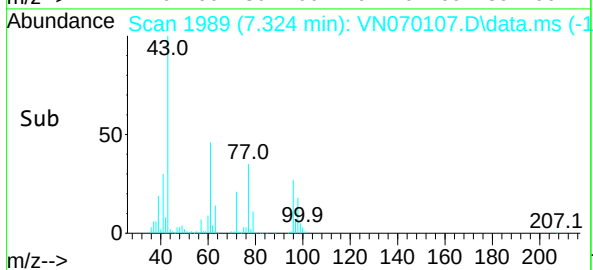
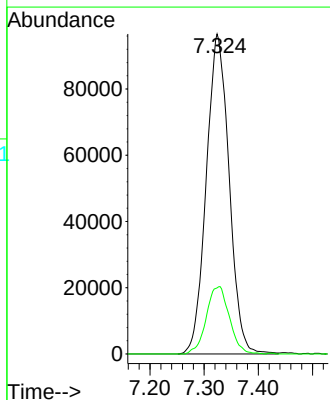
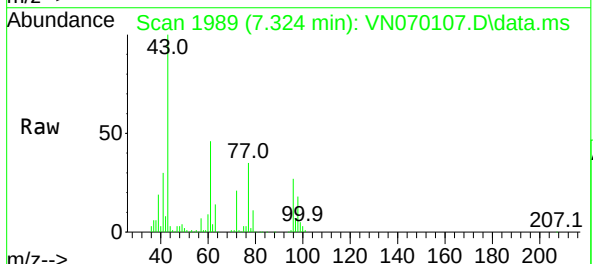
Manual Integrations
APPROVED

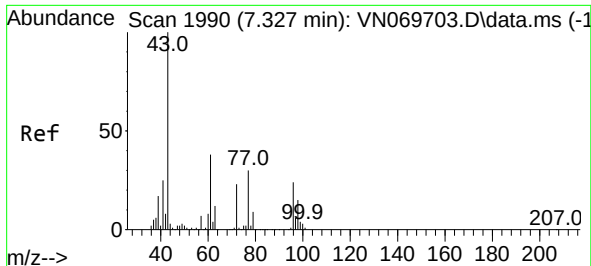
Reviewed By :John Carlone 12/16/2021
Supervised By :Amit Patel 12/16/2021



#26
2,2-Dichloropropane
Concen: 17.105 ug/l
RT: 7.324 min Scan# 1989
Delta R.T. -0.003 min
Lab File: VN070107.D
Acq: 15 Dec 2021 13:00

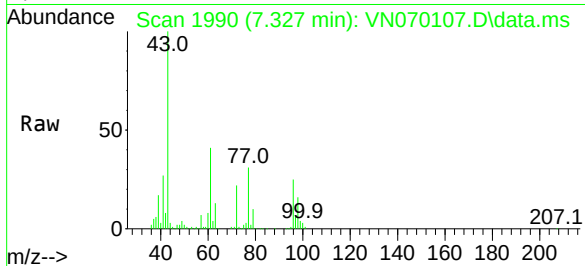
Tgt Ion: 77 Resp: 282573
Ion Ratio Lower Upper
77 100
97 21.3 11.6 34.8





#27
 cis-1,2-Dichloroethene
 Concen: 16.944 ug/l
 RT: 7.327 min Scan# 1990
 Delta R.T. 0.000 min
 Lab File: VN070107.D
 Acq: 15 Dec 2021 13:00

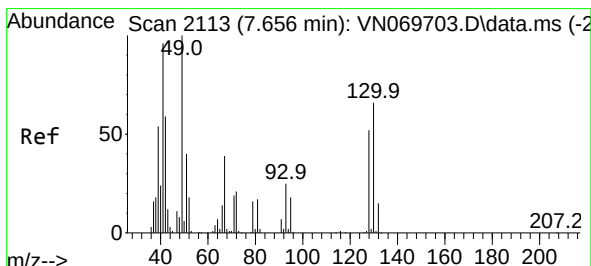
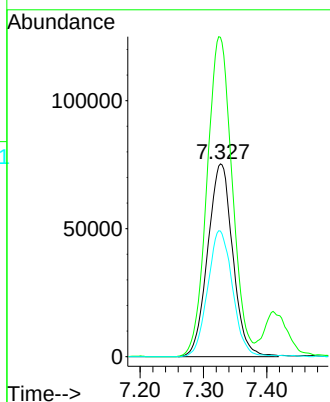
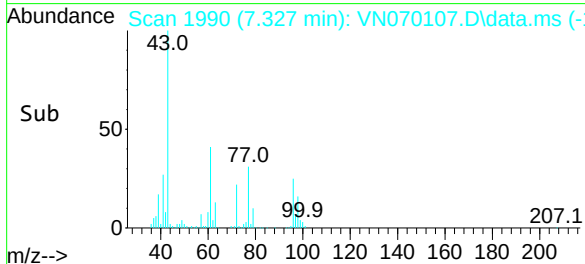
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1215MBS01



Tgt Ion: 96 Resp: 207072
 Ion Ratio Lower Upper
 96 100
 61 166.7 0.0 275.0
 98 64.7 0.0 129.6

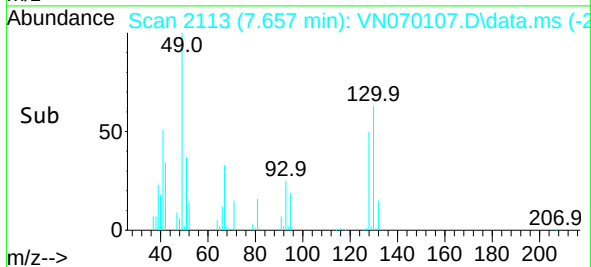
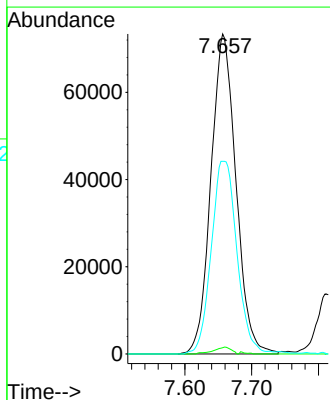
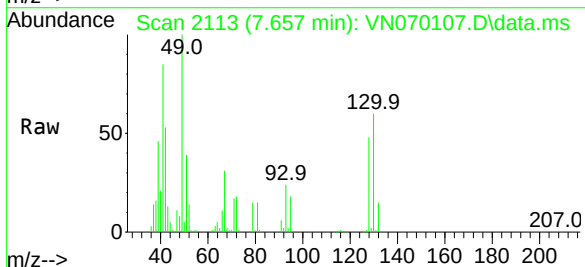
Manual Integrations
 APPROVED

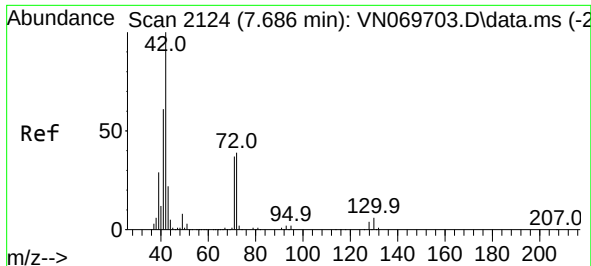
Reviewed By :John Carlone 12/16/2021
 Supervised By :Amit Patel 12/16/2021



#28
 Bromochloromethane
 Concen: 17.304 ug/l
 RT: 7.657 min Scan# 2113
 Delta R.T. 0.000 min
 Lab File: VN070107.D
 Acq: 15 Dec 2021 13:00

Tgt Ion: 49 Resp: 191192
 Ion Ratio Lower Upper
 49 100
 129 1.5 0.0 4.0
 130 61.7 67.8 101.8#





#29

Tetrahydrofuran

Concen: 80.084 ug/l

RT: 7.686 min Scan# 2124

Delta R.T. 0.000 min

Lab File: VN070107.D

Acq: 15 Dec 2021 13:00

Instrument :

MSVOA_N

ClientSampleId :

VN1215MBS01

Tgt Ion: 42 Resp: 599980

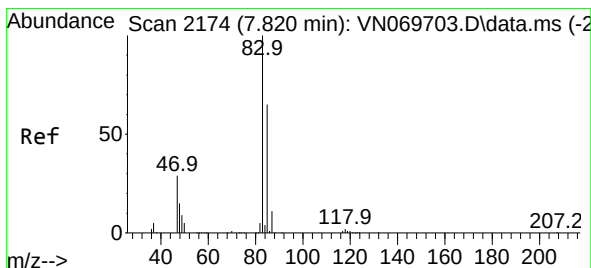
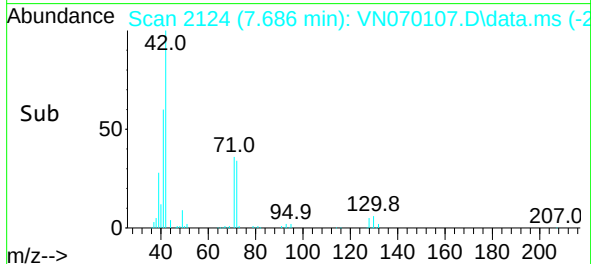
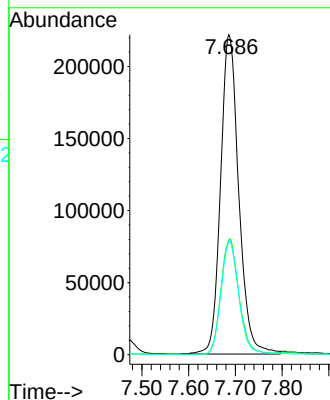
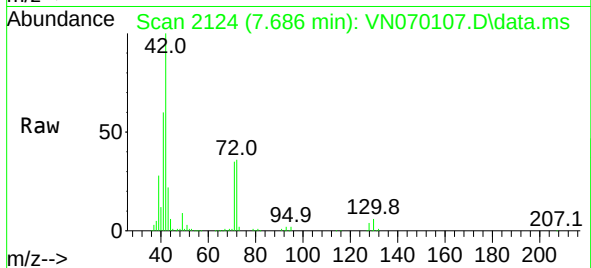
Ion	Ratio	Lower	Upper
42	100		
72	35.8	36.3	54.5
71	34.7	34.7	52.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/16/2021

Supervised By :Amit Patel 12/16/2021



#30

Chloroform

Concen: 17.638 ug/l

RT: 7.817 min Scan# 2173

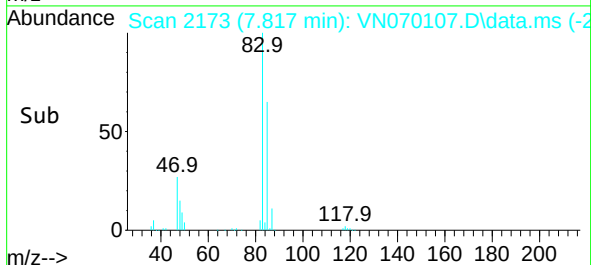
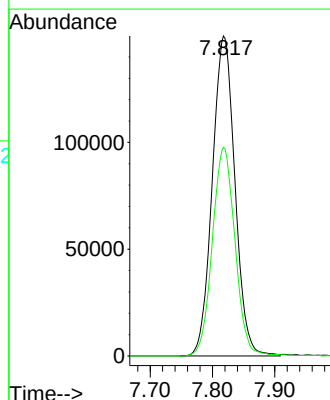
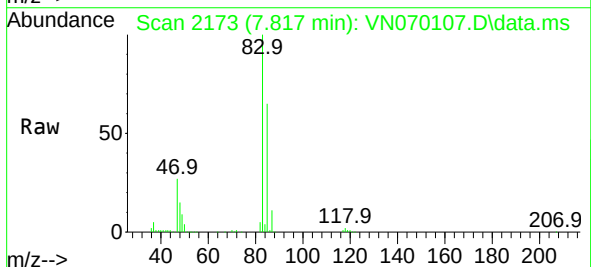
Delta R.T. -0.003 min

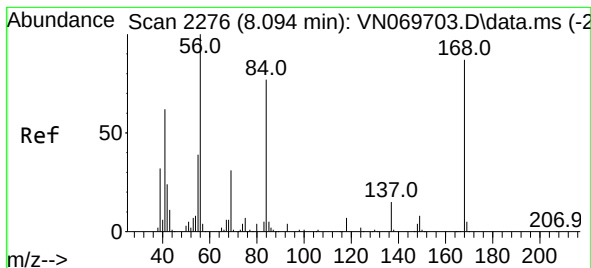
Lab File: VN070107.D

Acq: 15 Dec 2021 13:00

Tgt Ion: 83 Resp: 378480

Ion	Ratio	Lower	Upper
83	100		
85	65.2	51.9	77.9





#31

Cyclohexane

Concen: 17.388 ug/l

RT: 8.094 min Scan# 2276

Delta R.T. 0.000 min

Lab File: VN070107.D

Acq: 15 Dec 2021 13:00

Instrument :

MSVOA_N

ClientSampleId :

VN1215MBS01

Tgt Ion: 56 Resp: 365290

Ion Ratio Lower Upper

56 100

69 38.2 27.1 40.7

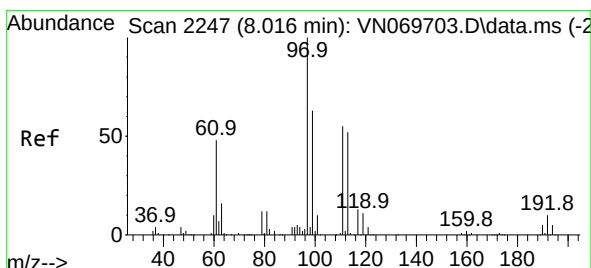
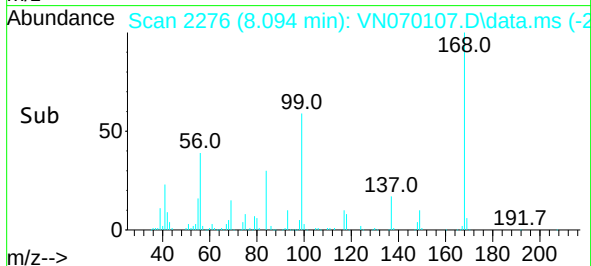
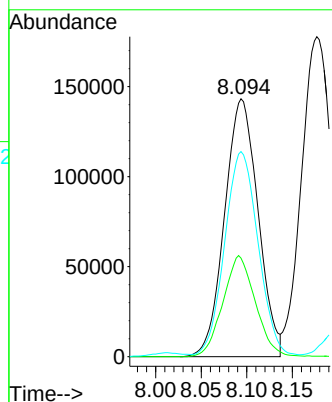
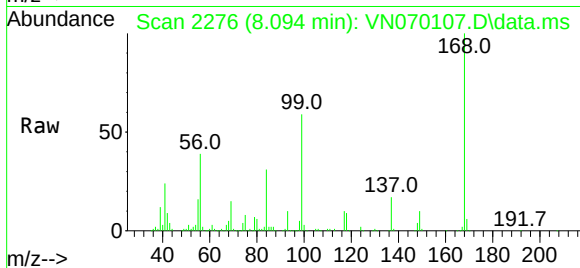
84 78.5 73.4 110.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/16/2021

Supervised By :Amit Patel 12/16/2021



#32

1,1,1-Trichloroethane

Concen: 16.923 ug/l

RT: 8.013 min Scan# 2246

Delta R.T. -0.003 min

Lab File: VN070107.D

Acq: 15 Dec 2021 13:00

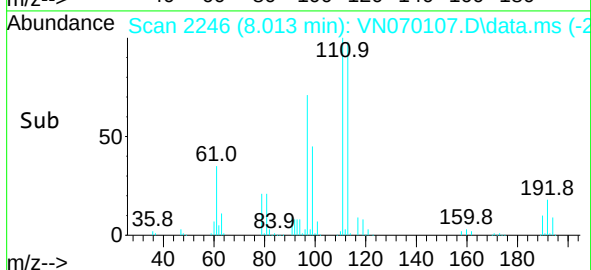
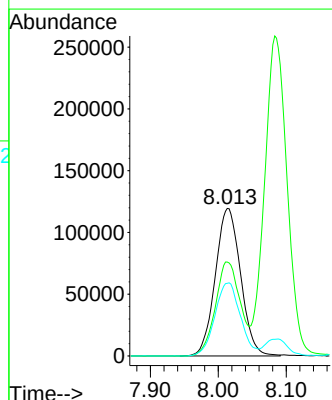
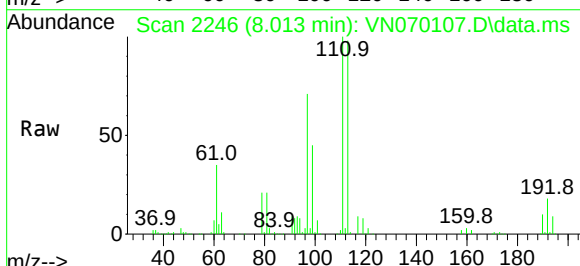
Tgt Ion: 97 Resp: 309327

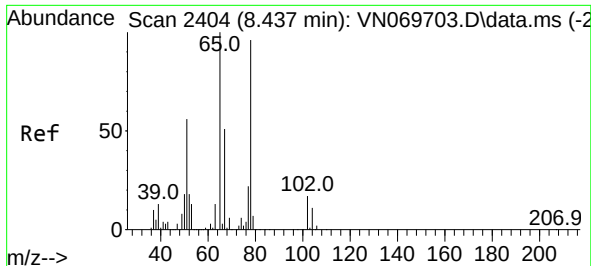
Ion Ratio Lower Upper

97 100

99 62.0 50.1 75.1

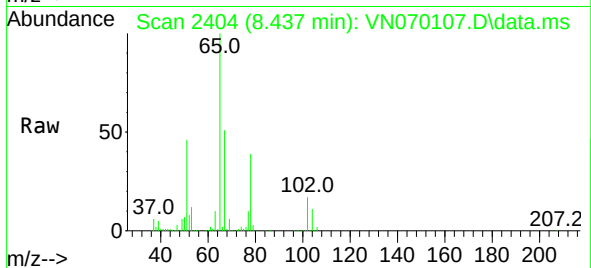
61 49.9 35.2 52.8





#33
 1,2-Dichloroethane-d4
 Concen: 45.223 ug/l
 RT: 8.437 min Scan# 2404
 Delta R.T. 0.000 min
 Lab File: VN070107.D
 Acq: 15 Dec 2021 13:00

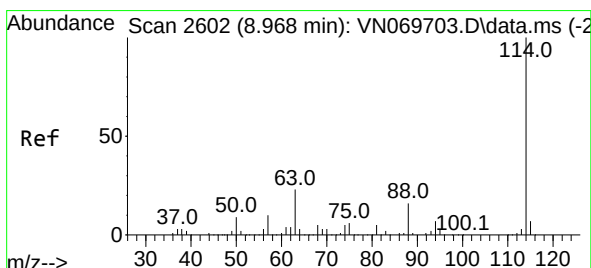
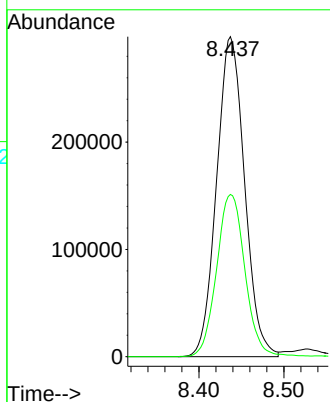
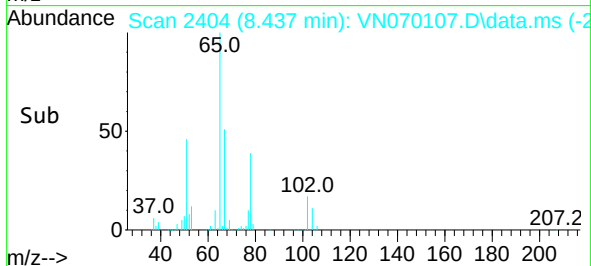
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1215MBS01



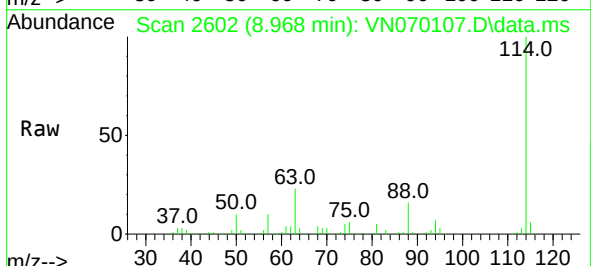
Tgt Ion: 65 Resp: 682664
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 103.0

Manual Integrations
 APPROVED

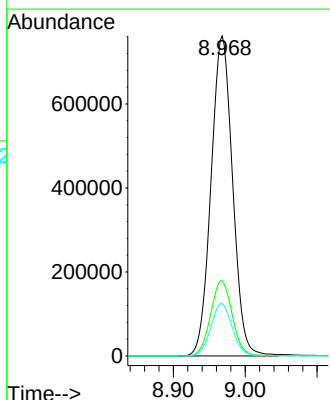
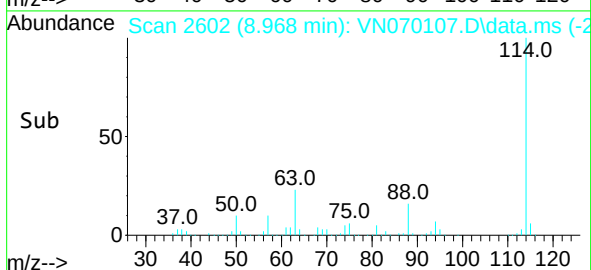
Reviewed By :John Carlone 12/16/2021
 Supervised By :Amit Patel 12/16/2021

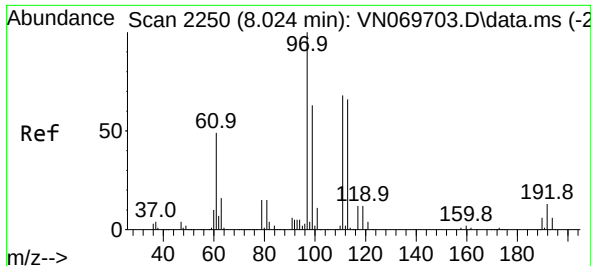


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.968 min Scan# 2602
 Delta R.T. -0.000 min
 Lab File: VN070107.D
 Acq: 15 Dec 2021 13:00



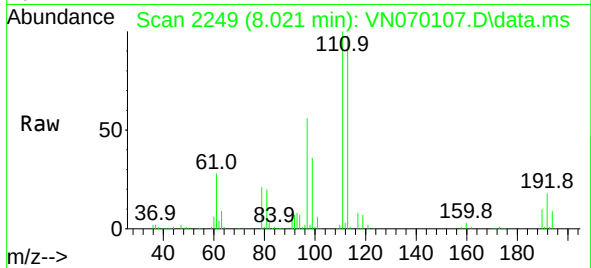
Tgt Ion:114 Resp: 1583284
 Ion Ratio Lower Upper
 114 100
 63 23.4 0.0 37.8
 88 16.3 0.0 27.4





#35
Dibromofluoromethane
Concen: 46.782 ug/l
RT: 8.021 min Scan# 2113
Delta R.T. -0.003 min
Lab File: VN070107.D
Acq: 15 Dec 2021 13:00

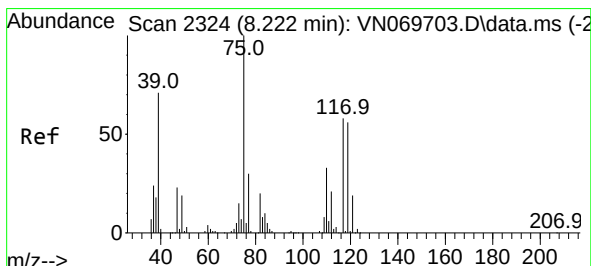
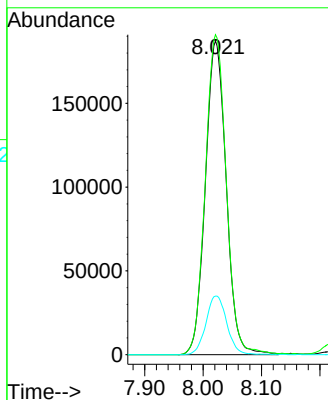
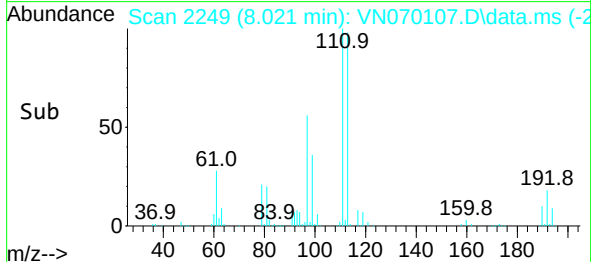
Instrument :
MSVOA_N
ClientSampleId :
VN1215MBS01



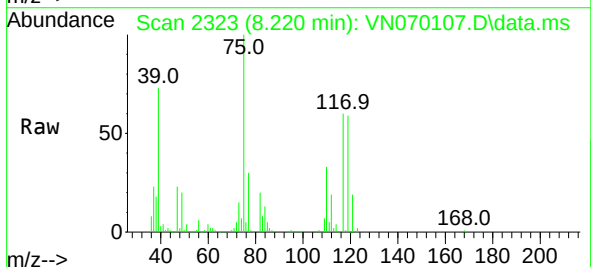
Tgt Ion: 113 Resp: 463950
Ion Ratio Lower Upper
113 100
111 102.8 82.2 123.2
192 18.7 16.9 25.3

Manual Integrations
APPROVED

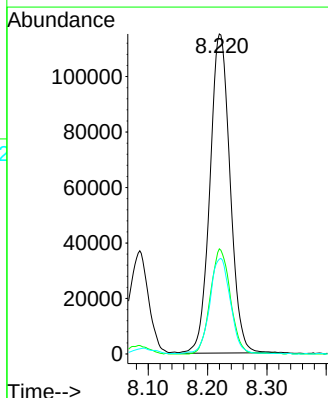
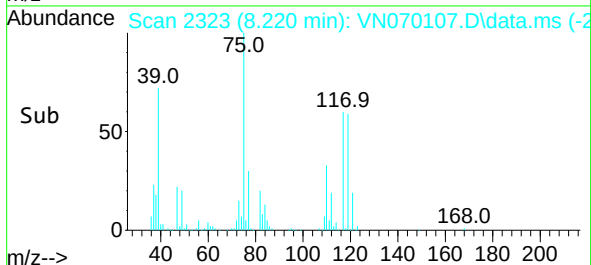
Reviewed By :John Carlone 12/16/2021
Supervised By :Amit Patel 12/16/2021

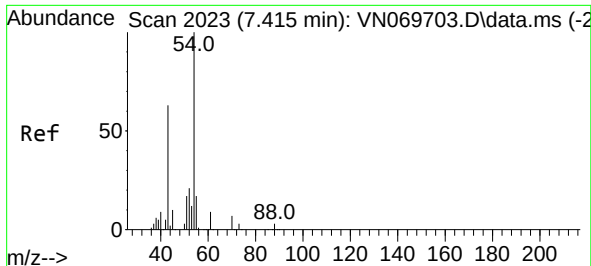


#36
1,1-Dichloropropene
Concen: 17.992 ug/l
RT: 8.220 min Scan# 2323
Delta R.T. -0.003 min
Lab File: VN070107.D
Acq: 15 Dec 2021 13:00



Tgt Ion: 75 Resp: 271181
Ion Ratio Lower Upper
75 100
110 32.6 18.4 55.2
77 30.2 24.4 36.6





#37

Ethyl Acetate

Concen: 16.054 ug/l

RT: 7.412 min Scan# 2023

Delta R.T. -0.003 min

Lab File: VN070107.D

Acq: 15 Dec 2021 13:00

Instrument :

MSVOA_N

ClientSampleId :

VN1215MBS01

Tgt Ion: 43 Resp: 360134

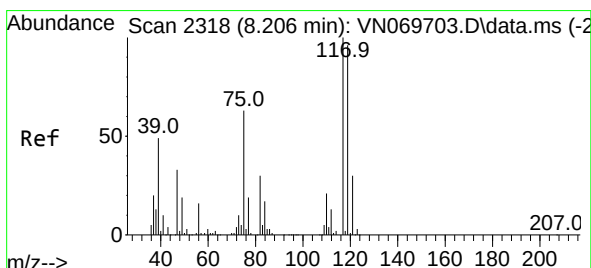
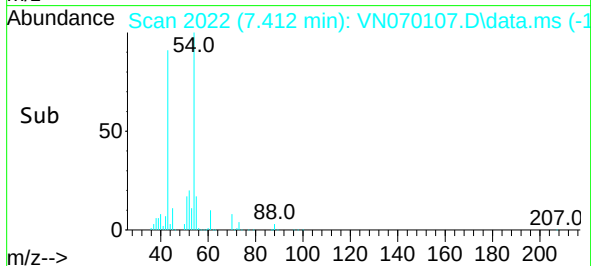
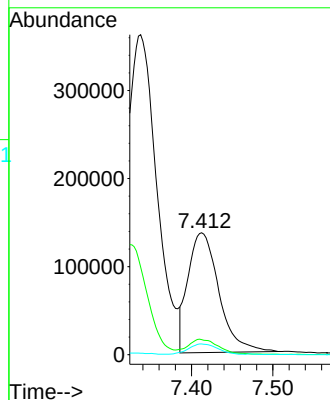
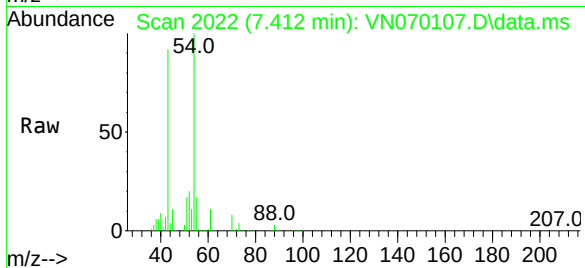
Ion	Ratio	Lower	Upper
43	100		
61	12.0	11.5	17.3
70	8.1	7.9	11.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/16/2021

Supervised By :Amit Patel 12/16/2021



#38

Carbon Tetrachloride

Concen: 16.467 ug/l

RT: 8.206 min Scan# 2318

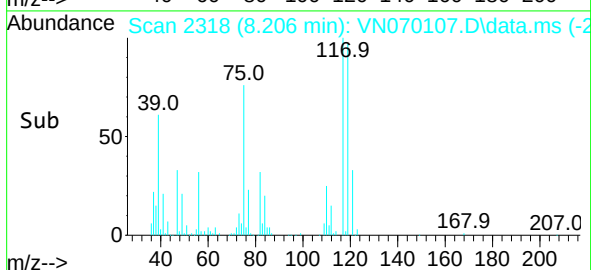
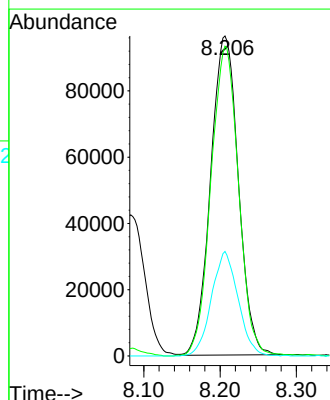
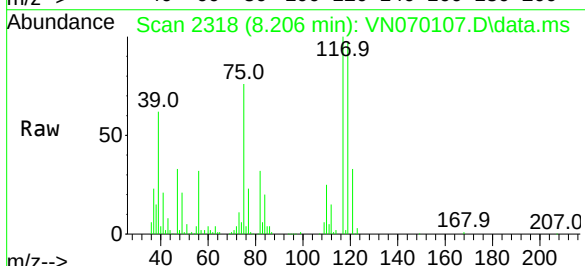
Delta R.T. 0.000 min

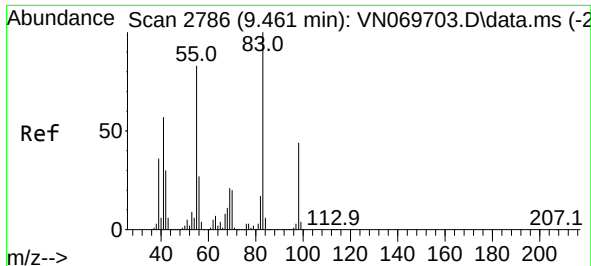
Lab File: VN070107.D

Acq: 15 Dec 2021 13:00

Tgt Ion:117 Resp: 243382

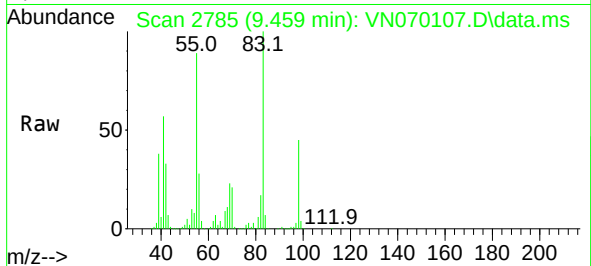
Ion	Ratio	Lower	Upper
117	100		
119	96.9	76.1	114.1
121	32.8	24.2	36.2





#39
Methylcyclohexane
Concen: 17.430 ug/l
RT: 9.459 min Scan# 21
Delta R.T. -0.003 min
Lab File: VN070107.D
Acq: 15 Dec 2021 13:00

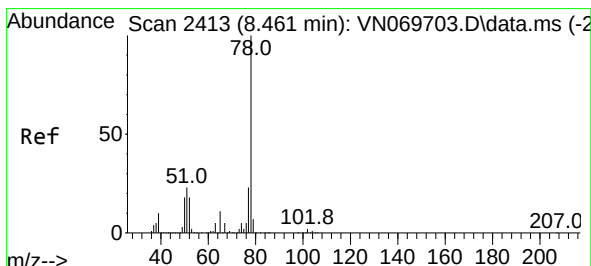
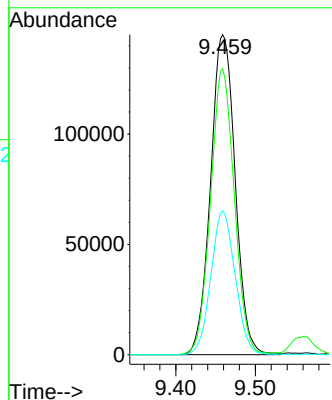
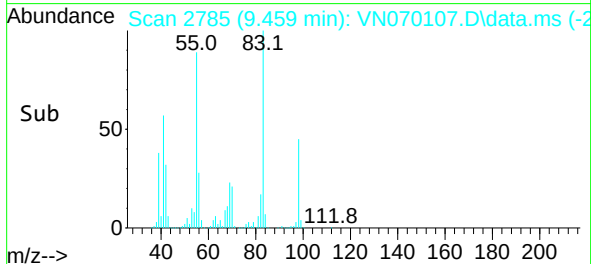
Instrument :
MSVOA_N
ClientSampleId :
VN1215MBS01



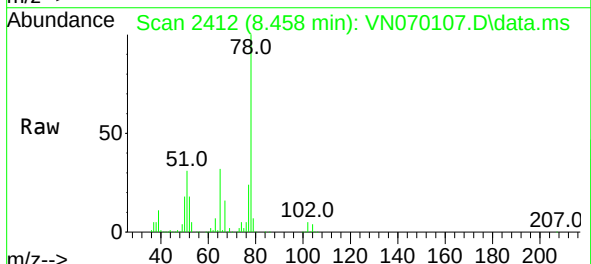
Tgt Ion: 83 Resp: 312484
Ion Ratio Lower Upper
83 100
55 89.2 58.1 87.1
98 45.0 38.4 57.6

Manual Integrations
APPROVED

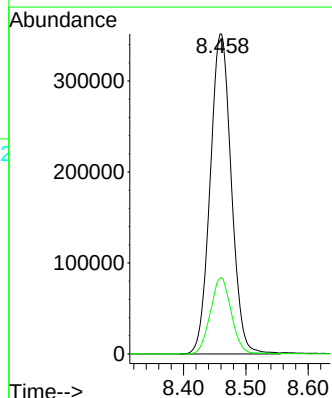
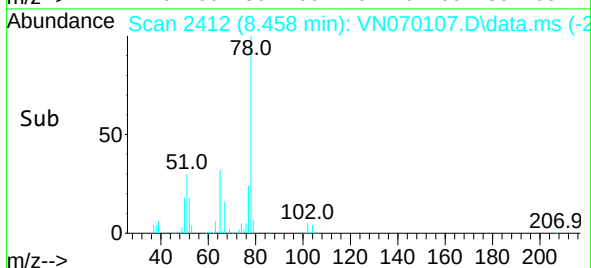
Reviewed By :John Carlone 12/16/2021
Supervised By :Amit Patel 12/16/2021

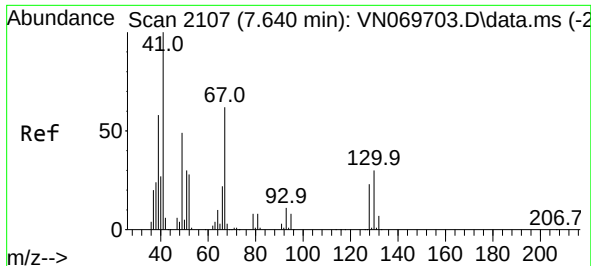


#40
Benzene
Concen: 17.979 ug/l
RT: 8.458 min Scan# 2412
Delta R.T. -0.003 min
Lab File: VN070107.D
Acq: 15 Dec 2021 13:00



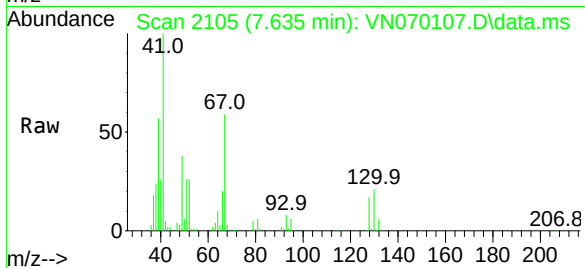
Tgt Ion: 78 Resp: 828294
Ion Ratio Lower Upper
78 100
77 23.7 18.6 27.8





#41
Methacrylonitrile
Concen: 17.997 ug/l
RT: 7.635 min Scan# 2107
Delta R.T. -0.005 min
Lab File: VN070107.D
Acq: 15 Dec 2021 13:00

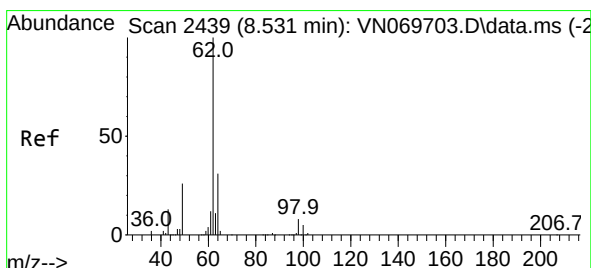
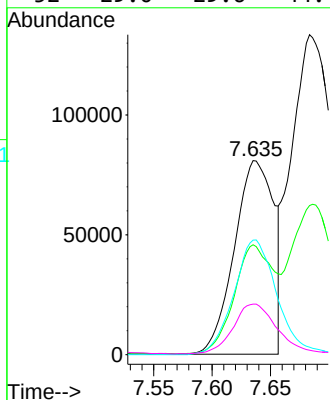
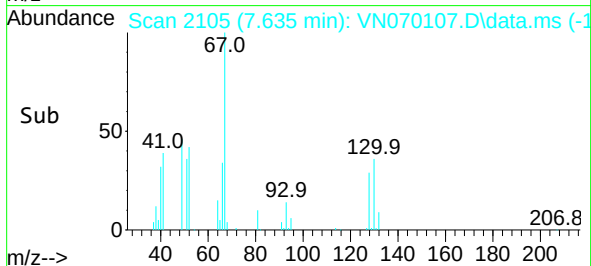
Instrument :
MSVOA_N
ClientSampleId :
VN1215MBS01



Tgt Ion: 41 Resp: 18952
Ion Ratio Lower Upper
41 100
39 58.2 48.1 72.1
67 65.9 68.3 102.5
52 29.0 29.6 44.4

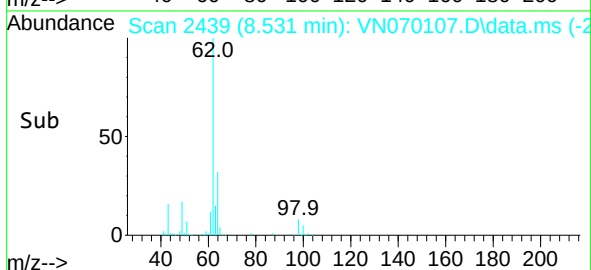
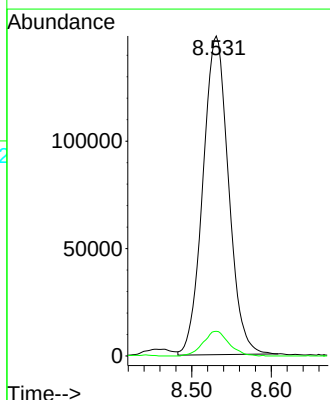
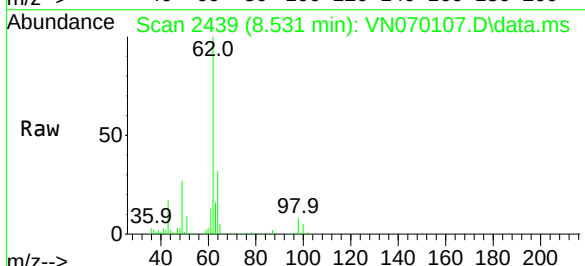
Manual Integrations
APPROVED

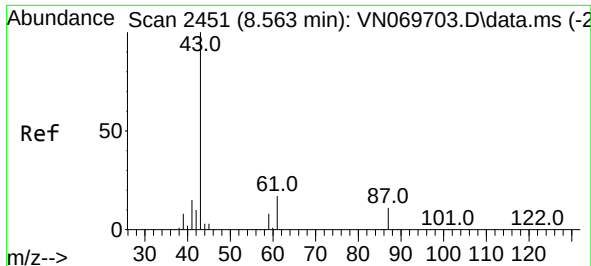
Reviewed By :John Carlone 12/16/2021
Supervised By :Amit Patel 12/16/2021



#42
1,2-Dichloroethane
Concen: 17.903 ug/l
RT: 8.531 min Scan# 2439
Delta R.T. 0.000 min
Lab File: VN070107.D
Acq: 15 Dec 2021 13:00

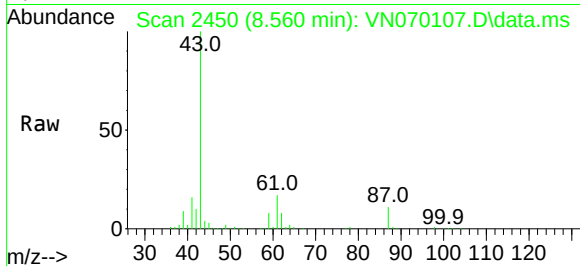
Tgt Ion: 62 Resp: 332958
Ion Ratio Lower Upper
62 100
98 7.8 0.0 17.6





#43
Isopropyl Acetate
Concen: 17.173 ug/l
RT: 8.560 min Scan# 2451
Delta R.T. -0.003 min
Lab File: VN070107.D
Acq: 15 Dec 2021 13:00

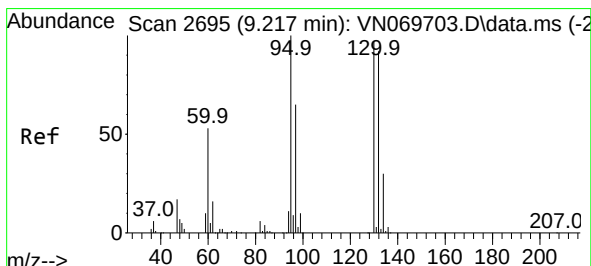
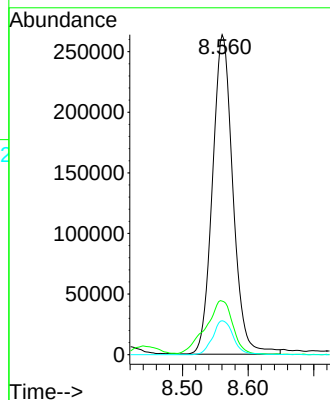
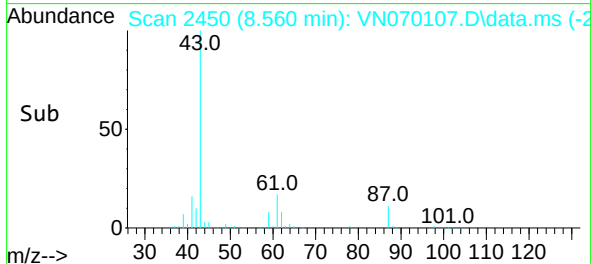
Instrument :
MSVOA_N
ClientSampleId :
VN1215MBS01



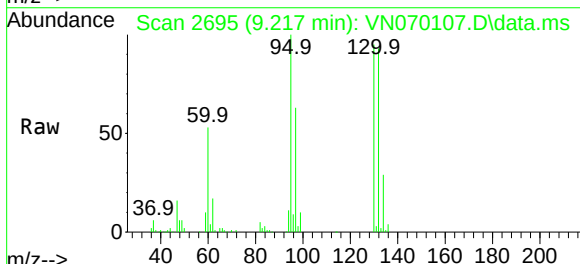
Tgt Ion: 43 Resp: 570119
Ion Ratio Lower Upper
43 100
61 22.4 20.4 30.6
87 10.7 11.2 16.8

Manual Integrations
APPROVED

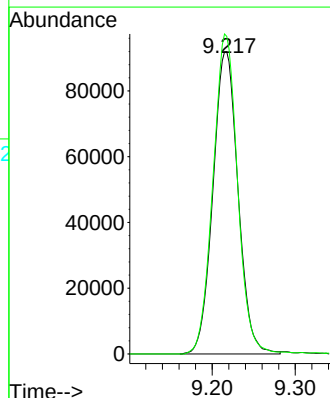
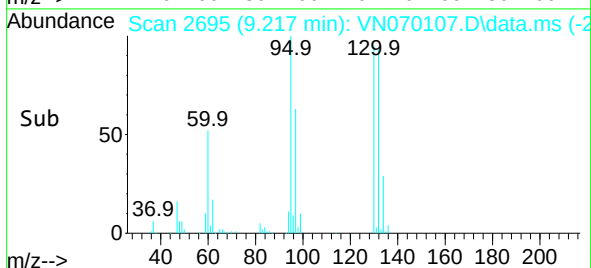
Reviewed By :John Carlone 12/16/2021
Supervised By :Amit Patel 12/16/2021

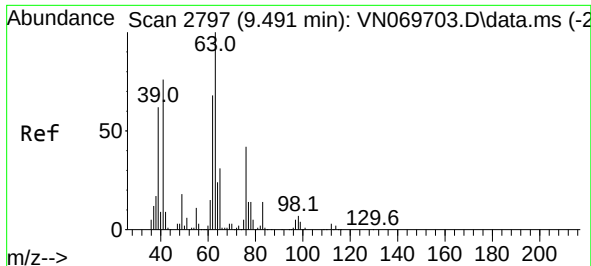


#44
Trichloroethene
Concen: 17.554 ug/l
RT: 9.217 min Scan# 2695
Delta R.T. 0.000 min
Lab File: VN070107.D
Acq: 15 Dec 2021 13:00



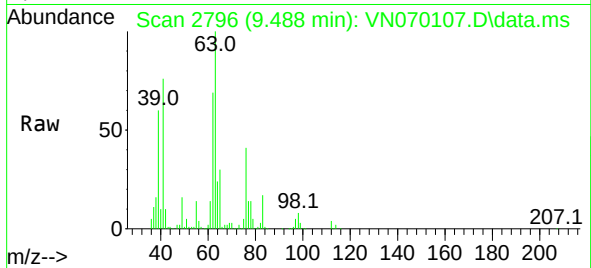
Tgt Ion:130 Resp: 193029
Ion Ratio Lower Upper
130 100
95 105.1 0.0 191.2





#45
1,2-Dichloropropane
Concen: 18.475 ug/l
RT: 9.488 min Scan# 2796
Delta R.T. -0.003 min
Lab File: VN070107.D
Acq: 15 Dec 2021 13:00

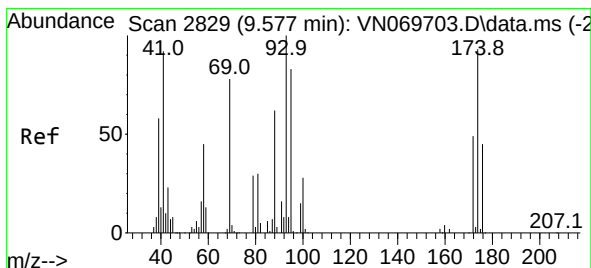
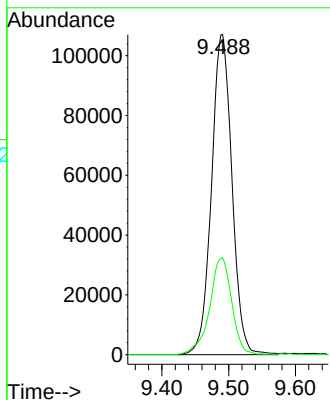
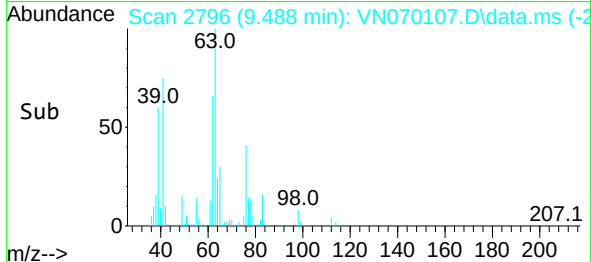
Instrument :
MSVOA_N
ClientSampleId :
VN1215MBS01



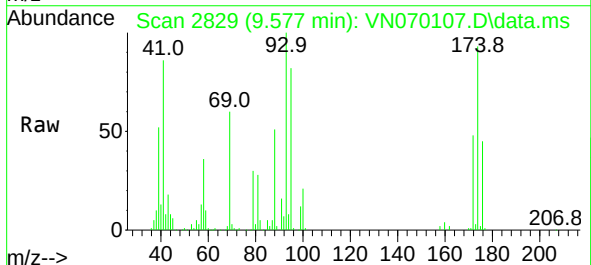
Tgt Ion: 63 Resp: 228560
Ion Ratio Lower Upper
63 100
65 30.0 24.7 37.1

Manual Integrations
APPROVED

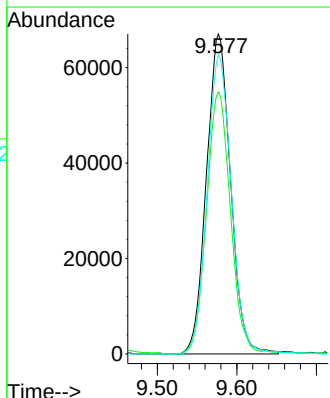
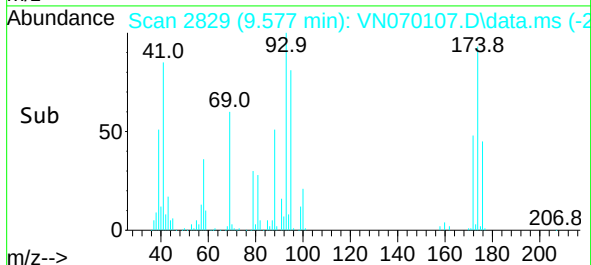
Reviewed By :John Carlone 12/16/2021
Supervised By :Amit Patel 12/16/2021

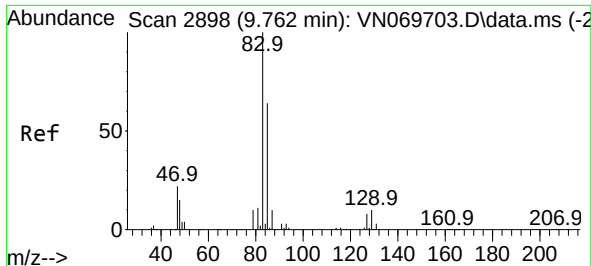


#46
Dibromomethane
Concen: 17.466 ug/l
RT: 9.577 min Scan# 2829
Delta R.T. 0.000 min
Lab File: VN070107.D
Acq: 15 Dec 2021 13:00



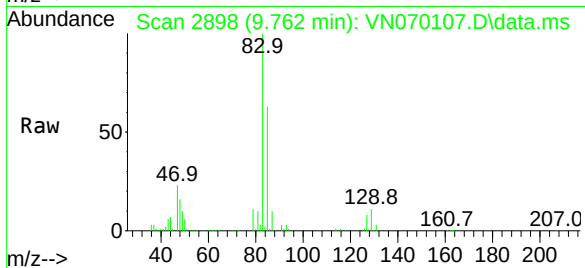
Tgt Ion: 93 Resp: 141710
Ion Ratio Lower Upper
93 100
95 81.1 65.9 98.9
174 93.6 84.6 127.0





#47
Bromodichloromethane
Concen: 17.834 ug/l
RT: 9.762 min Scan# 2898
Delta R.T. 0.000 min
Lab File: VN070107.D
Acq: 15 Dec 2021 13:00

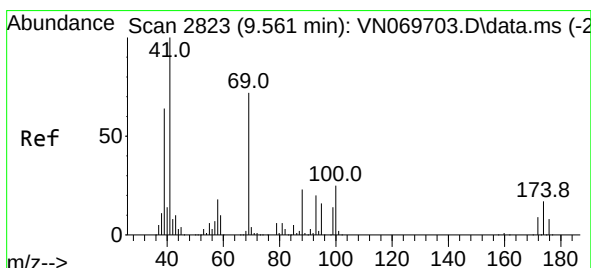
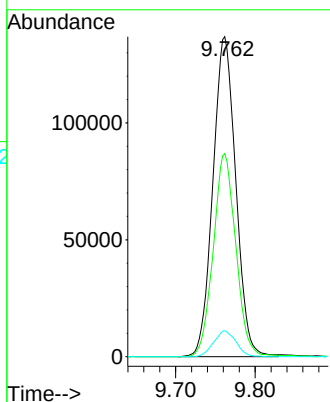
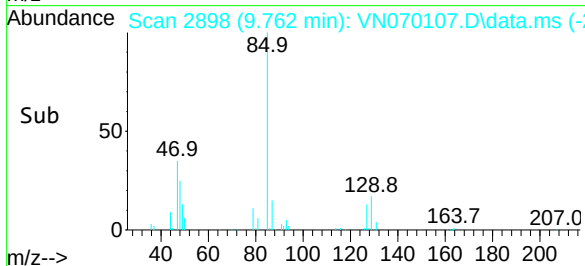
Instrument :
MSVOA_N
ClientSampleId :
VN1215MBS01



Tgt Ion: 83 Resp: 273974
Ion Ratio Lower Upper
83 100
85 63.5 50.9 76.3
127 8.1 7.1 10.7

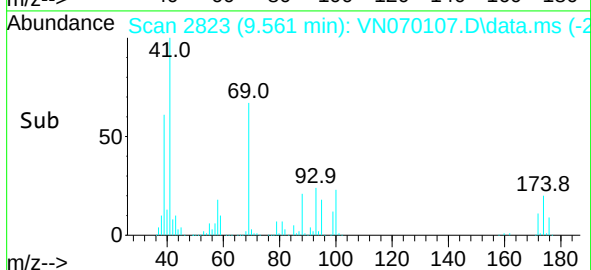
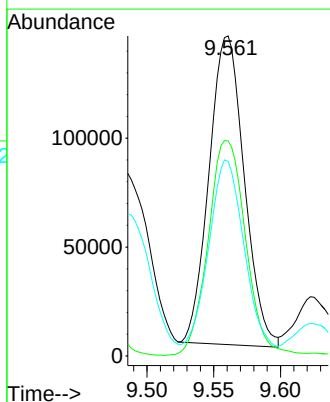
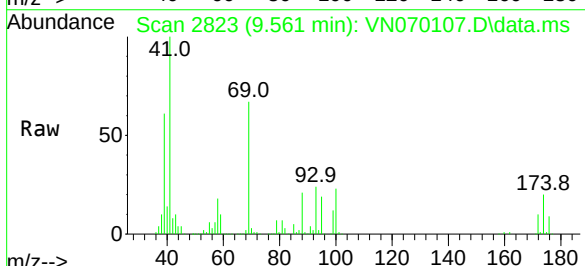
Manual Integrations
APPROVED

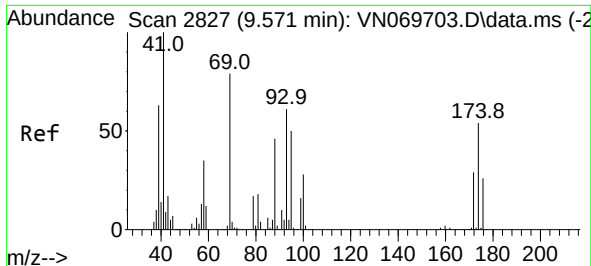
Reviewed By :John Carlone 12/16/2021
Supervised By :Amit Patel 12/16/2021



#48
Methyl methacrylate
Concen: 16.760 ug/l
RT: 9.561 min Scan# 2823
Delta R.T. -0.000 min
Lab File: VN070107.D
Acq: 15 Dec 2021 13:00

Tgt Ion: 41 Resp: 259661
Ion Ratio Lower Upper
41 100
69 74.4 72.4 108.6
39 59.8 58.4 87.6





#49

1,4-Dioxane

Concen: 306.809 ug/l

RT: 9.569 min Scan# 21

Delta R.T. -0.003 min

Lab File: VN070107.D

Acq: 15 Dec 2021 13:00

Instrument :

MSVOA_N

ClientSampleId :

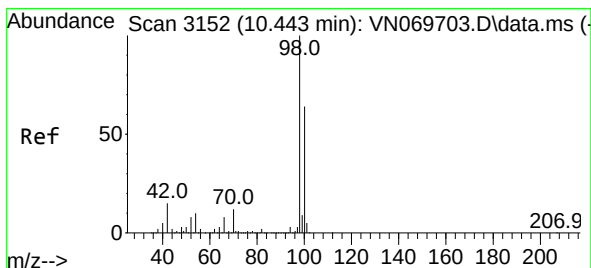
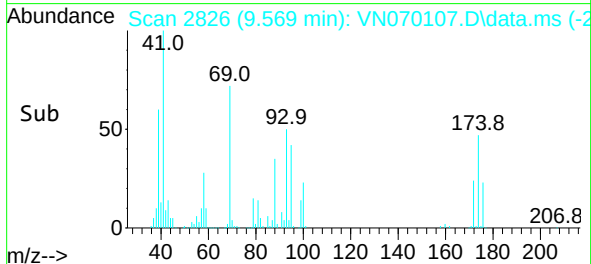
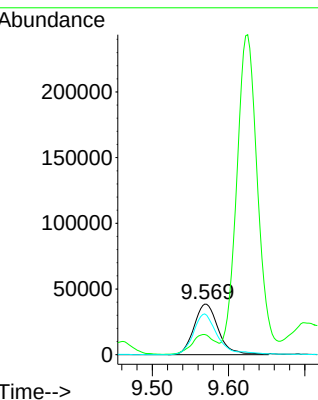
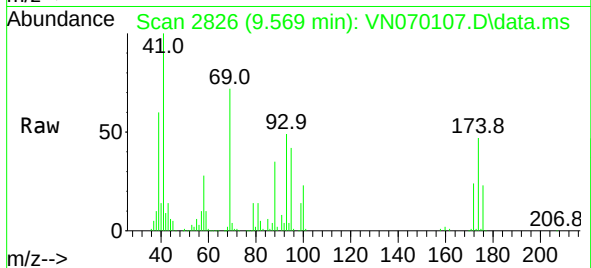
VN1215MBS01

Tgt Ion: 88 Resp: 85288
 Ion Ratio Lower Upper
 88 100
 43 36.6 23.4 35.2
 58 76.7 50.6 75.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/16/2021
 Supervised By :Amit Patel 12/16/2021



#50

Toluene-d8

Concen: 45.666 ug/l

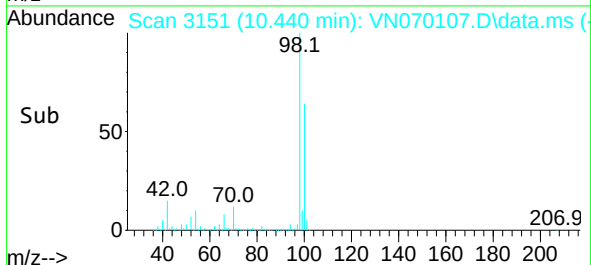
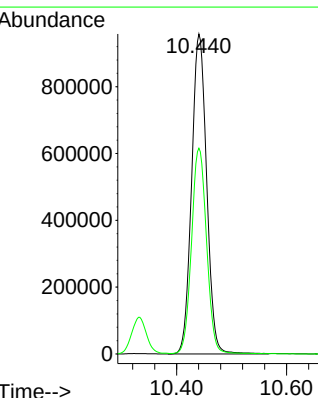
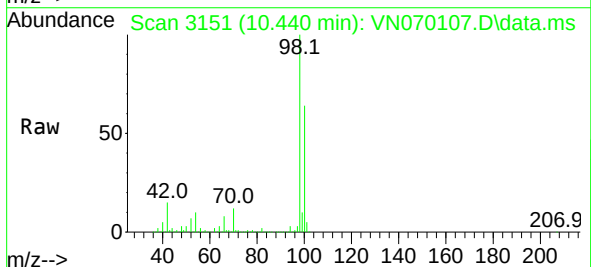
RT: 10.440 min Scan# 3151

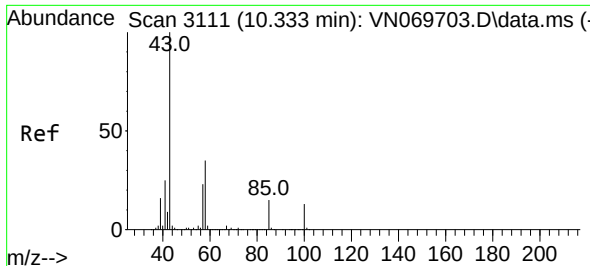
Delta R.T. -0.003 min

Lab File: VN070107.D

Acq: 15 Dec 2021 13:00

Tgt Ion: 98 Resp: 1818471
 Ion Ratio Lower Upper
 98 100
 100 64.2 50.4 75.6





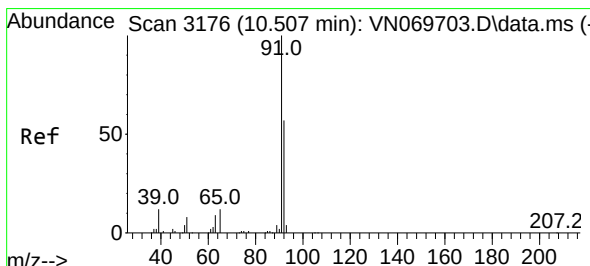
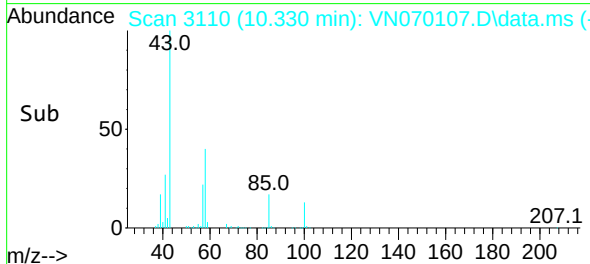
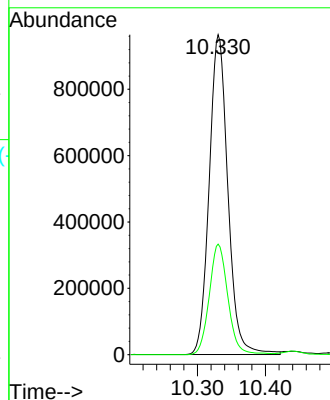
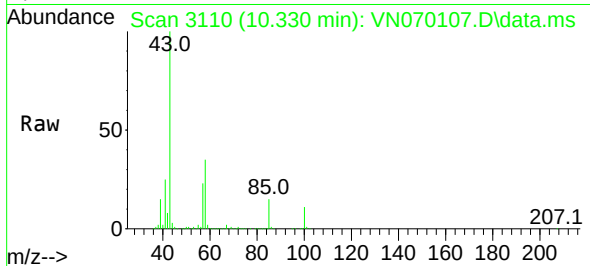
#51
4-Methyl-2-Pentanone
Concen: 85.571 ug/l
RT: 10.330 min Scan# 3111
Delta R.T. -0.003 min
Lab File: VN070107.D
Acq: 15 Dec 2021 13:00

Instrument :
MSVOA_N
ClientSampleId :
VN1215MBS01

Tgt Ion: 43 Resp: 184288
Ion Ratio Lower Upper
43 100
58 34.2 30.4 45.6

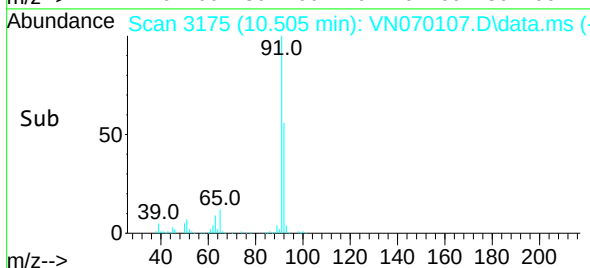
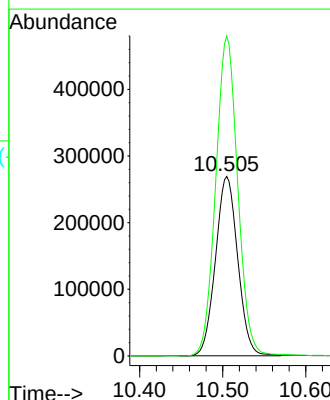
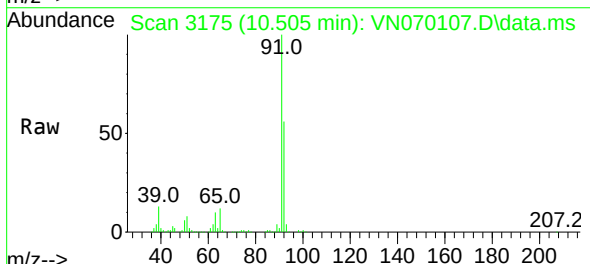
Manual Integrations
APPROVED

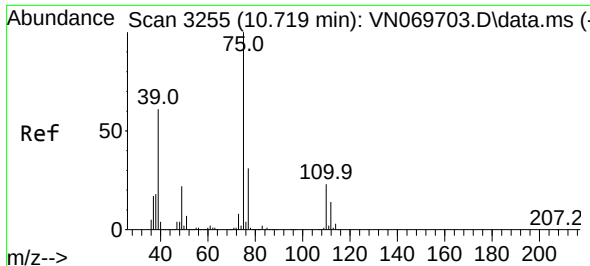
Reviewed By :John Carlone 12/16/2021
Supervised By :Amit Patel 12/16/2021



#52
Toluene
Concen: 17.789 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.003 min
Lab File: VN070107.D
Acq: 15 Dec 2021 13:00

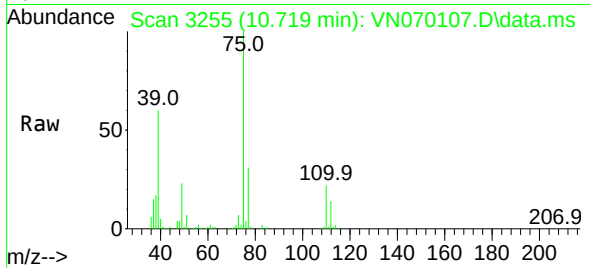
Tgt Ion: 92 Resp: 500360
Ion Ratio Lower Upper
92 100
91 177.0 142.0 213.0





#53
t-1,3-Dichloropropene
Concen: 17.061 ug/l
RT: 10.719 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN070107.D
Acq: 15 Dec 2021 13:00

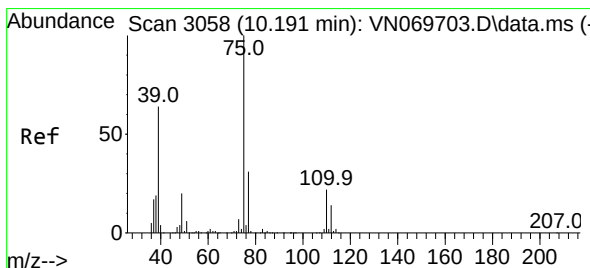
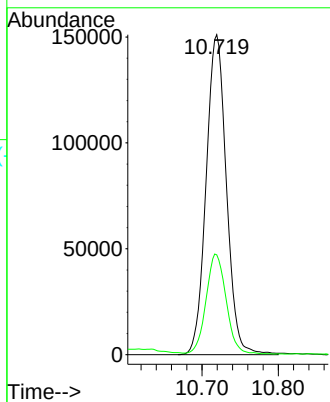
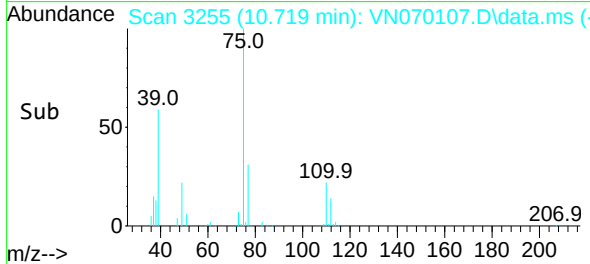
Instrument :
MSVOA_N
ClientSampleId :
VN1215MBS01



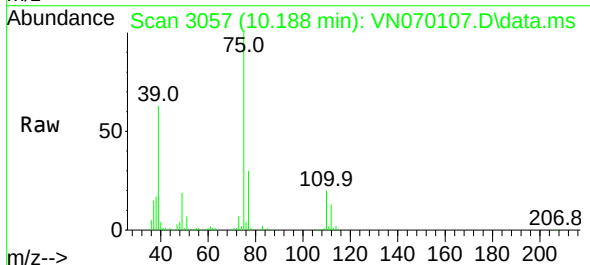
Tgt Ion: 75 Resp: 279244
Ion Ratio Lower Upper
75 100
77 31.0 25.6 38.4

Manual Integrations
APPROVED

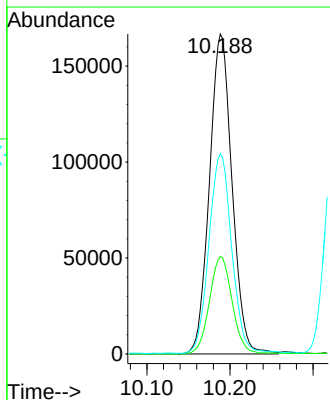
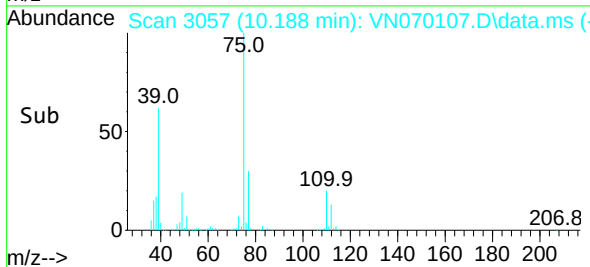
Reviewed By :John Carlone 12/16/2021
Supervised By :Amit Patel 12/16/2021

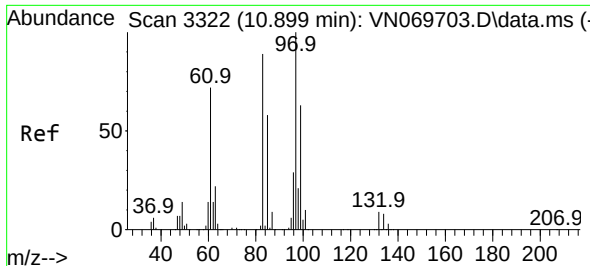


#54
cis-1,3-Dichloropropene
Concen: 17.580 ug/l
RT: 10.188 min Scan# 3057
Delta R.T. -0.003 min
Lab File: VN070107.D
Acq: 15 Dec 2021 13:00



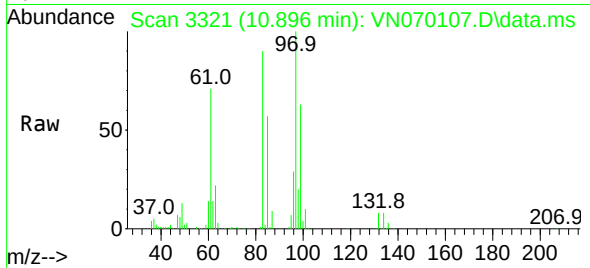
Tgt Ion: 75 Resp: 314765
Ion Ratio Lower Upper
75 100
77 30.5 26.4 39.6
39 62.4 42.5 63.7





#55
1,1,2-Trichloroethane
Concen: 17.649 ug/l
RT: 10.896 min Scan# 3322
Delta R.T. -0.003 min
Lab File: VN070107.D
Acq: 15 Dec 2021 13:00

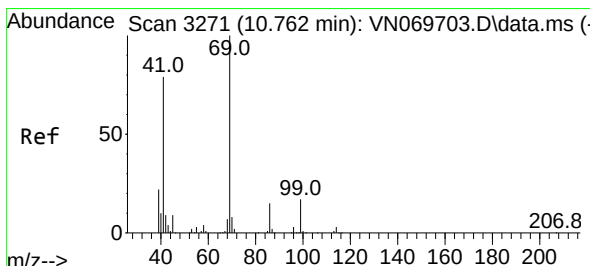
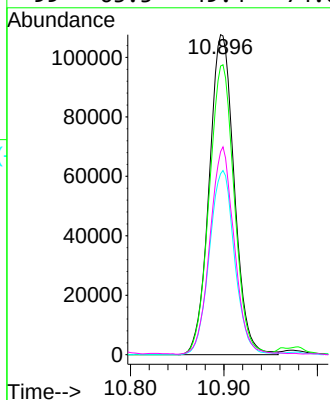
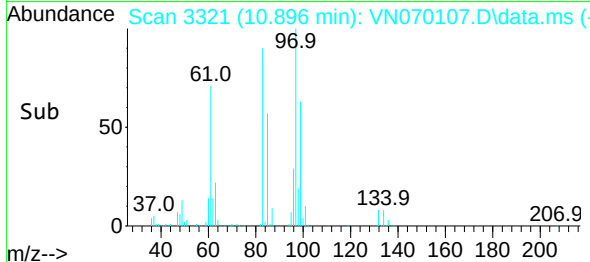
Instrument :
MSVOA_N
ClientSampleId :
VN1215MBS01



Tgt Ion: 97 Resp: 200290
Ion Ratio Lower Upper
97 100
83 90.2 67.8 101.6
85 56.5 45.4 68.2
99 63.3 49.4 74.0

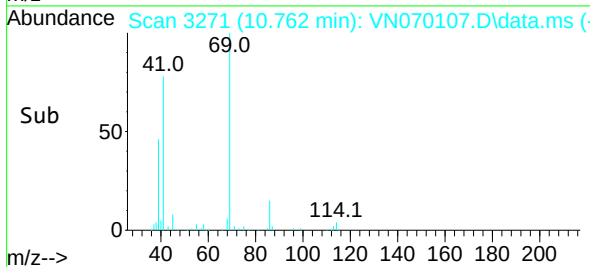
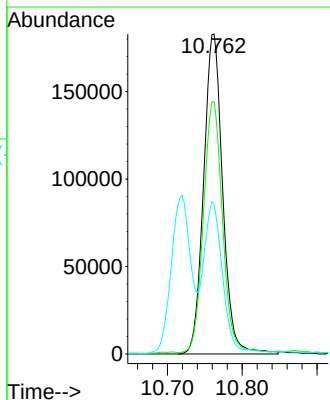
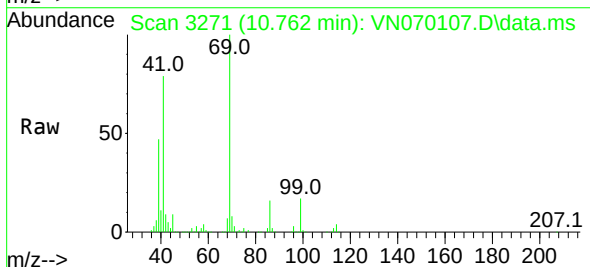
Manual Integrations
APPROVED

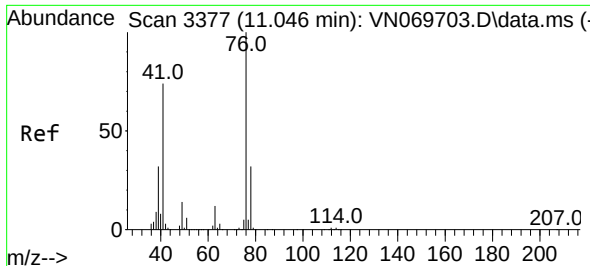
Reviewed By :John Carlone 12/16/2021
Supervised By :Amit Patel 12/16/2021



#56
Ethyl methacrylate
Concen: 16.703 ug/l
RT: 10.762 min Scan# 3271
Delta R.T. 0.000 min
Lab File: VN070107.D
Acq: 15 Dec 2021 13:00

Tgt Ion: 69 Resp: 323604
Ion Ratio Lower Upper
69 100
41 77.8 51.4 77.0#
39 45.6 34.6 52.0





#57

1,3-Dichloropropane

Concen: 17.950 ug/l

RT: 11.044 min Scan# 31

Delta R.T. -0.003 min

Lab File: VN070107.D

Acq: 15 Dec 2021 13:00

Instrument :

MSVOA_N

ClientSampleId :

VN1215MBS01

Tgt Ion: 76 Resp: 358670

Ion Ratio Lower Upper

76 100

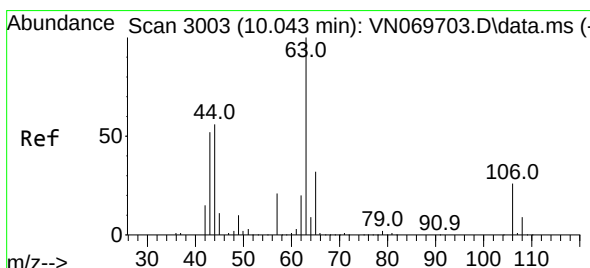
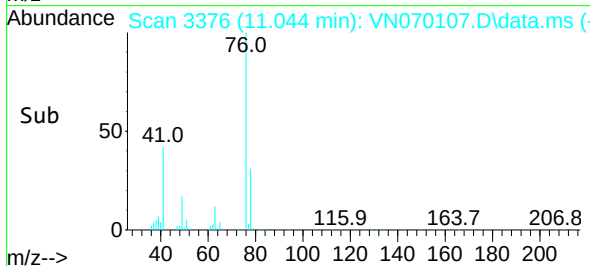
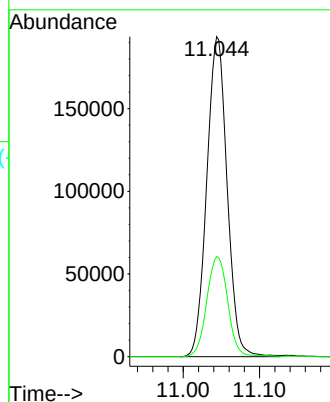
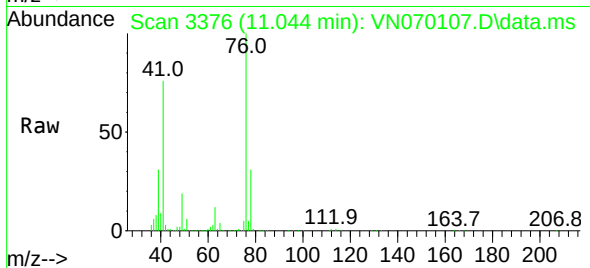
78 32.4 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/16/2021

Supervised By :Amit Patel 12/16/2021



#58

2-Chloroethyl Vinyl ether

Concen: 78.304 ug/l

RT: 10.041 min Scan# 3002

Delta R.T. -0.002 min

Lab File: VN070107.D

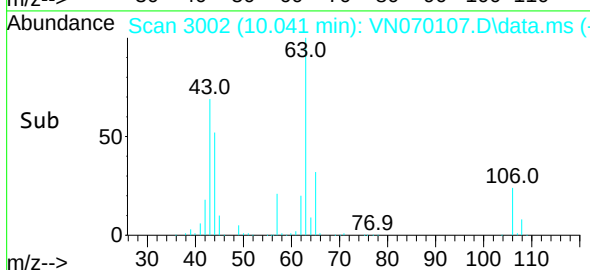
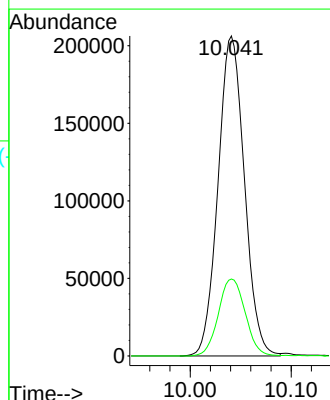
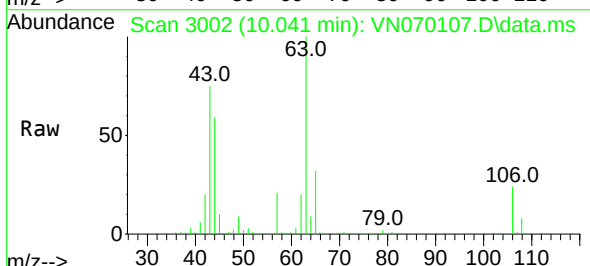
Acq: 15 Dec 2021 13:00

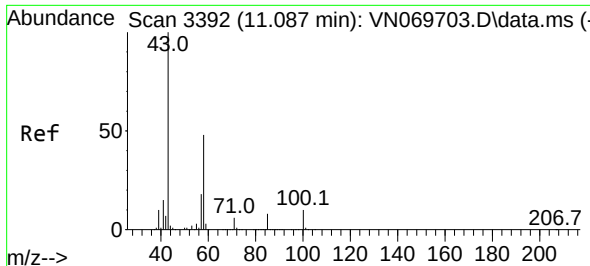
Tgt Ion: 63 Resp: 373966

Ion Ratio Lower Upper

63 100

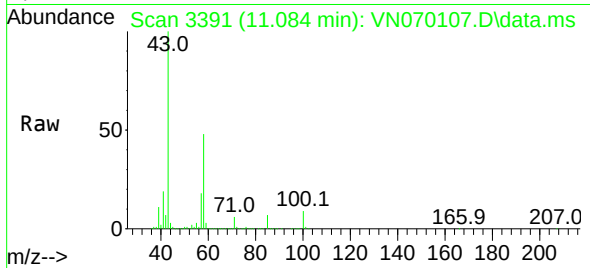
106 24.5 23.9 35.9





#59
2-Hexanone
Concen: 79.603 ug/l
RT: 11.084 min Scan# 3391
Delta R.T. -0.003 min
Lab File: VN070107.D
Acq: 15 Dec 2021 13:00

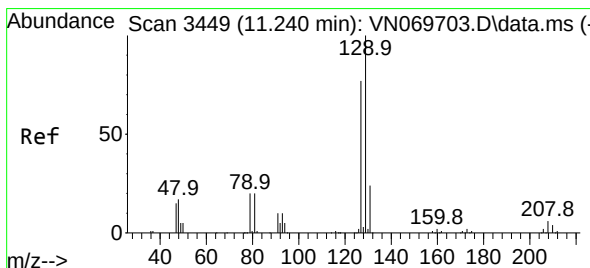
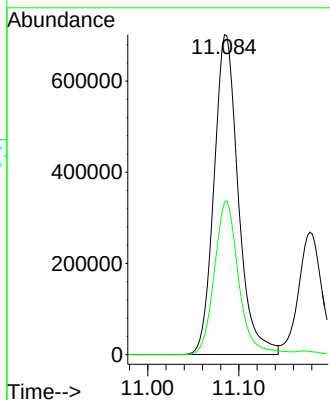
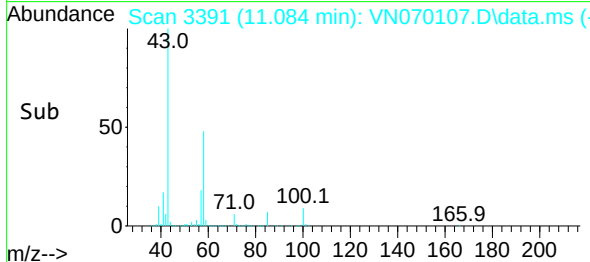
Instrument :
MSVOA_N
ClientSampleId :
VN1215MBS01



Tgt Ion: 43 Resp: 129684
Ion Ratio Lower Upper
43 100
58 48.3 26.9 80.7

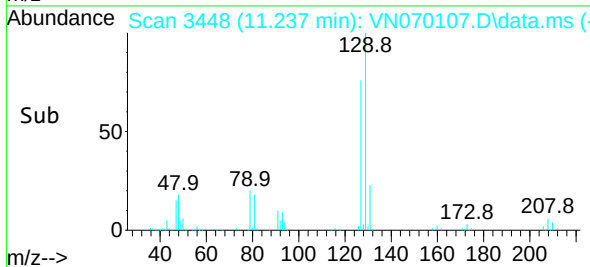
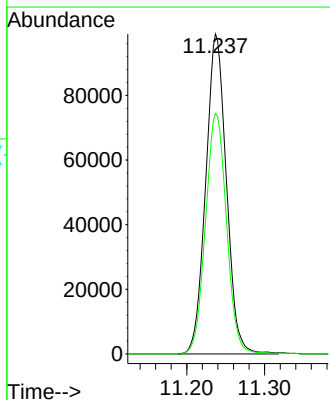
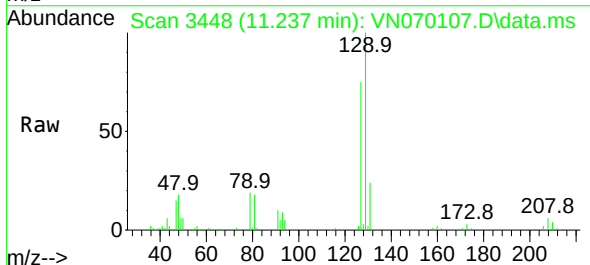
Manual Integrations
APPROVED

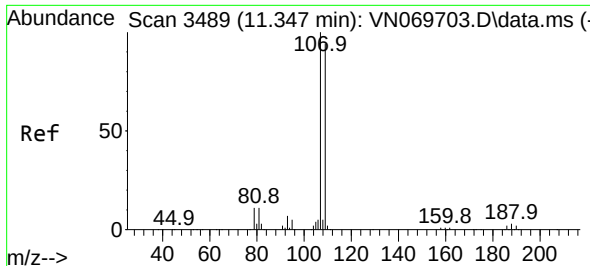
Reviewed By :John Carlone 12/16/2021
Supervised By :Amit Patel 12/16/2021



#60
Dibromochloromethane
Concen: 16.655 ug/l
RT: 11.237 min Scan# 3448
Delta R.T. -0.003 min
Lab File: VN070107.D
Acq: 15 Dec 2021 13:00

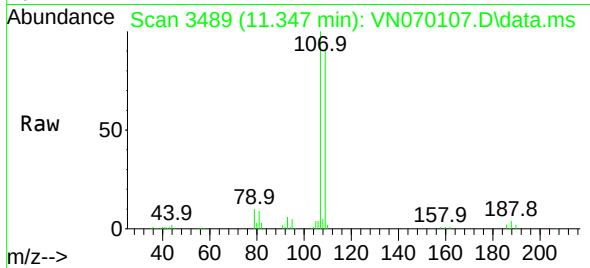
Tgt Ion:129 Resp: 182280
Ion Ratio Lower Upper
129 100
127 76.7 38.6 116.0





#61
1,2-Dibromoethane
Concen: 16.746 ug/l
RT: 11.347 min Scan# 3489
Delta R.T. -0.000 min
Lab File: VN070107.D
Acq: 15 Dec 2021 13:00

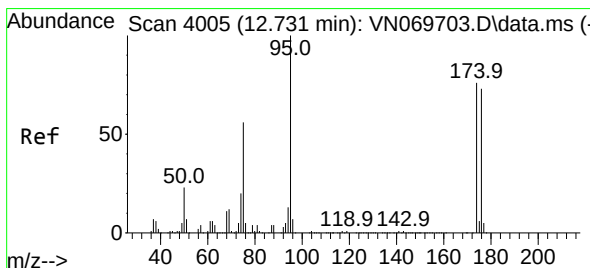
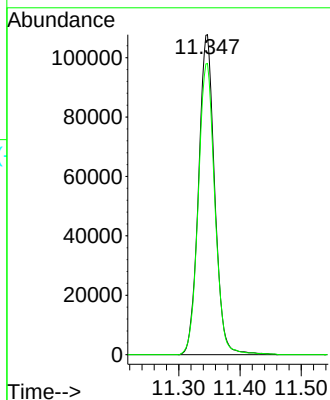
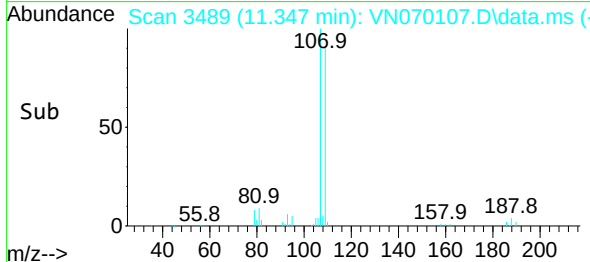
Instrument :
MSVOA_N
ClientSampleId :
VN1215MBS01



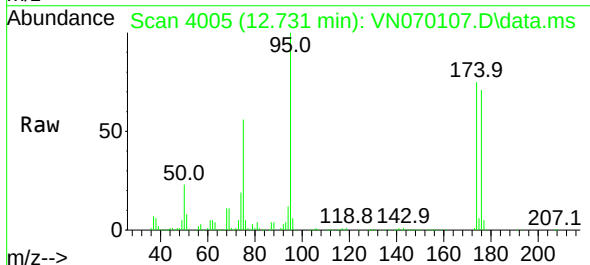
Tgt Ion:107 Resp: 196830
Ion Ratio Lower Upper
107 100
109 93.7 75.7 113.5

Manual Integrations
APPROVED

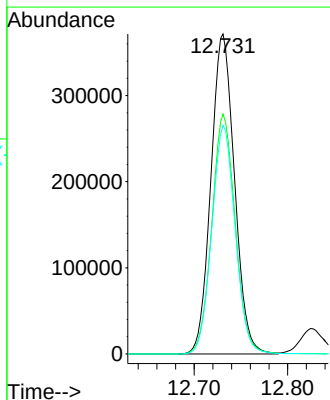
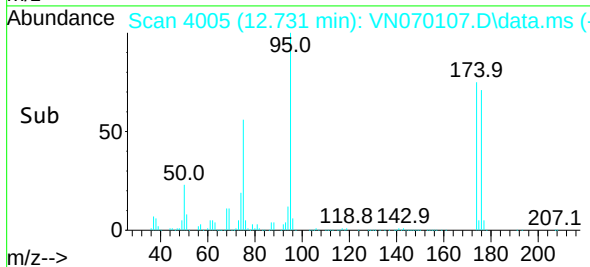
Reviewed By :John Carlone 12/16/2021
Supervised By :Amit Patel 12/16/2021

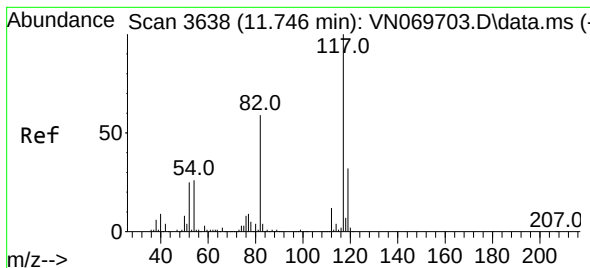


#62
4-Bromofluorobenzene
Concen: 45.159 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070107.D
Acq: 15 Dec 2021 13:00



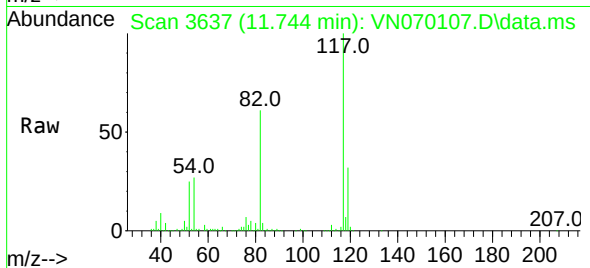
Tgt Ion: 95 Resp: 651491
Ion Ratio Lower Upper
95 100
174 74.4 0.0 187.2
176 71.0 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3638
Delta R.T. -0.002 min
Lab File: VN070107.D
Acq: 15 Dec 2021 13:00

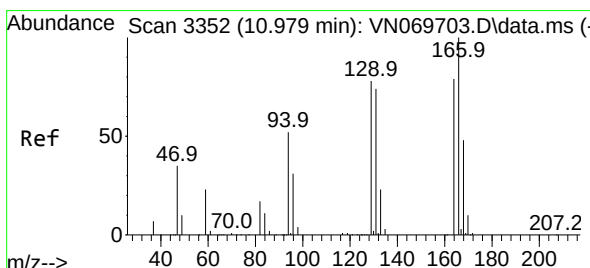
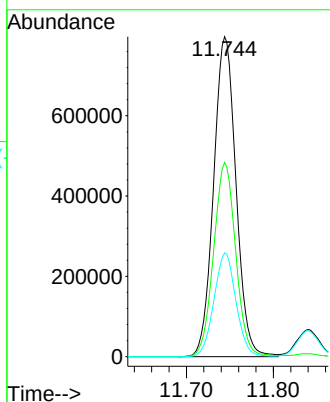
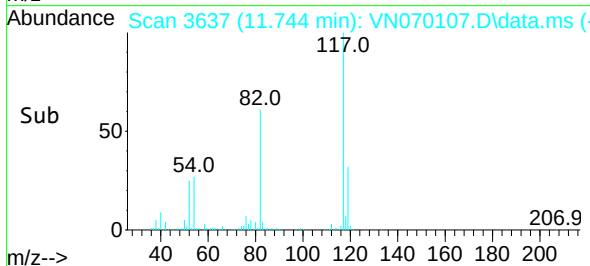
Instrument :
MSVOA_N
ClientSampleId :
VN1215MBS01



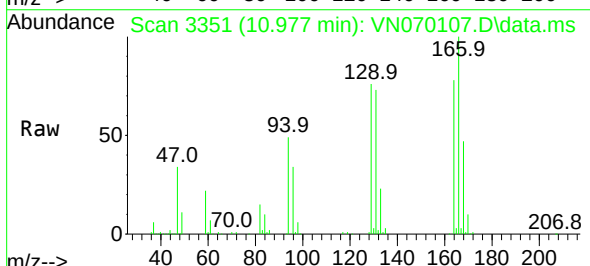
Tgt Ion:117 Resp: 1423460
Ion Ratio Lower Upper
117 100
82 60.6 42.4 63.6
119 32.5 25.4 38.2

Manual Integrations
APPROVED

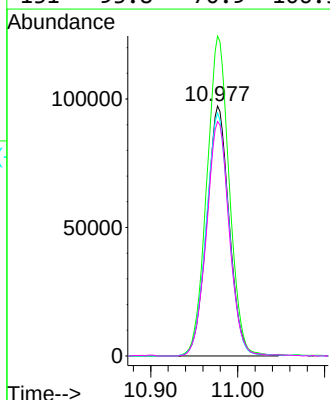
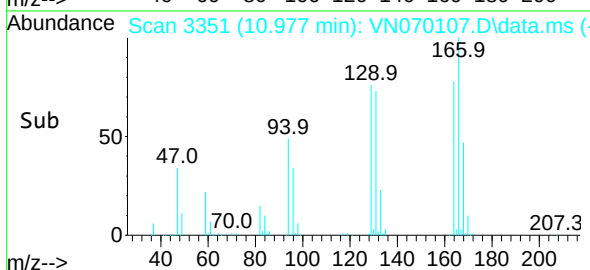
Reviewed By :John Carlone 12/16/2021
Supervised By :Amit Patel 12/16/2021

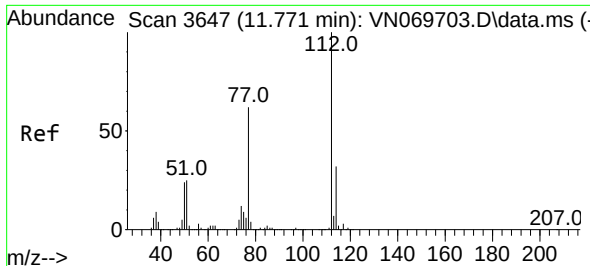


#64
Tetrachloroethene
Concen: 18.061 ug/l
RT: 10.977 min Scan# 3351
Delta R.T. -0.002 min
Lab File: VN070107.D
Acq: 15 Dec 2021 13:00



Tgt Ion:164 Resp: 174323
Ion Ratio Lower Upper
164 100
166 128.0 101.9 152.9
129 97.3 72.0 108.0
131 93.8 70.9 106.3





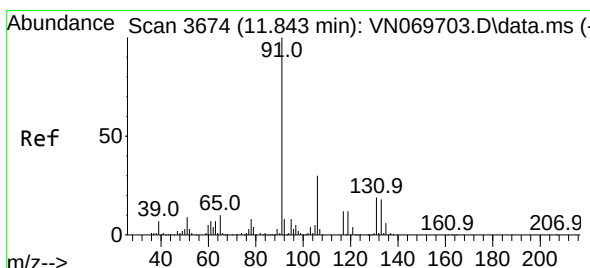
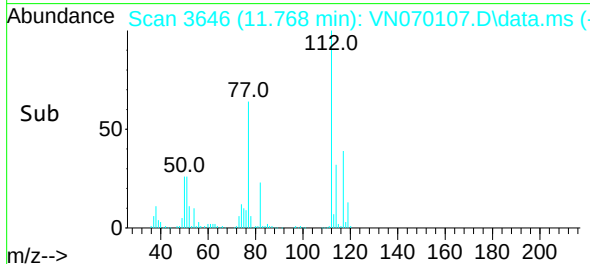
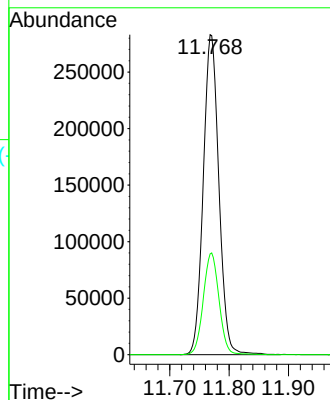
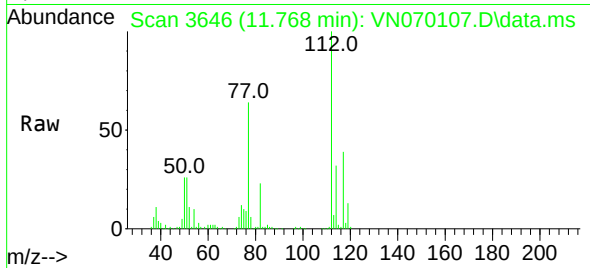
#65
Chlorobenzene
Concen: 17.898 ug/l
RT: 11.768 min Scan# 3646
Delta R.T. -0.003 min
Lab File: VN070107.D
Acq: 15 Dec 2021 13:00

Instrument :
MSVOA_N
ClientSampleId :
VN1215MBS01

Tgt Ion:112 Resp: 51684
Ion Ratio Lower Upper
112 100
114 31.5 25.4 38.0

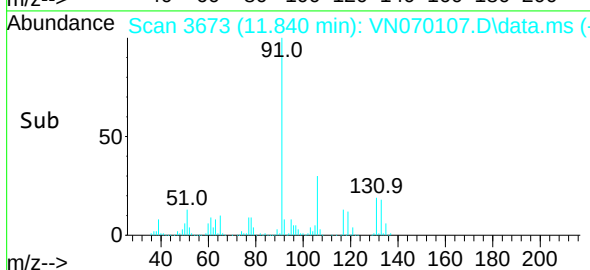
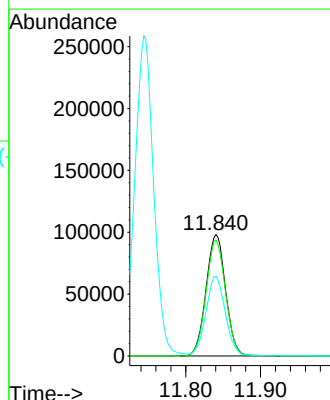
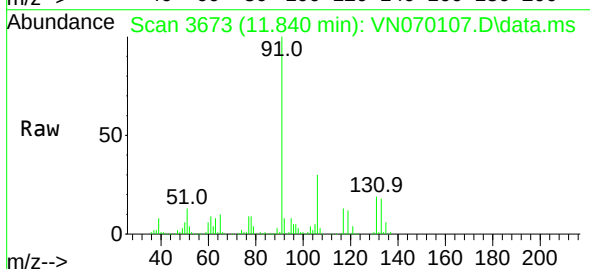
Manual Integrations
APPROVED

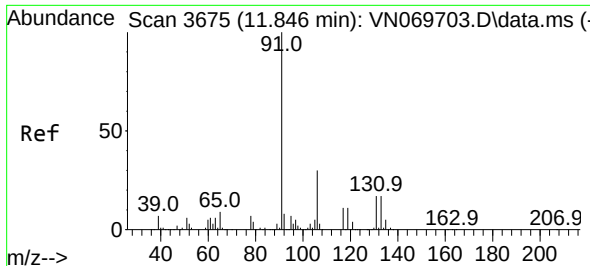
Reviewed By :John Carlone 12/16/2021
Supervised By :Amit Patel 12/16/2021



#66
1,1,1,2-Tetrachloroethane
Concen: 17.572 ug/l
RT: 11.840 min Scan# 3673
Delta R.T. -0.003 min
Lab File: VN070107.D
Acq: 15 Dec 2021 13:00

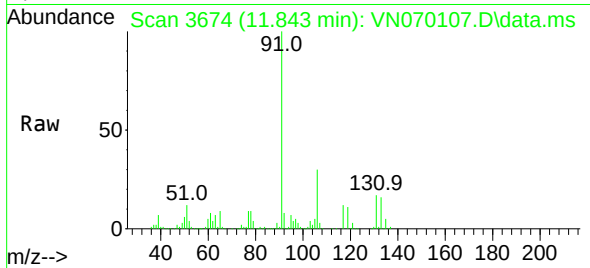
Tgt Ion:131 Resp: 178601
Ion Ratio Lower Upper
131 100
133 95.0 47.9 143.7
119 64.9 32.1 96.5





#67
Ethyl Benzene
Concen: 18.425 ug/l
RT: 11.843 min Scan# 3674
Delta R.T. -0.003 min
Lab File: VN070107.D
Acq: 15 Dec 2021 13:00

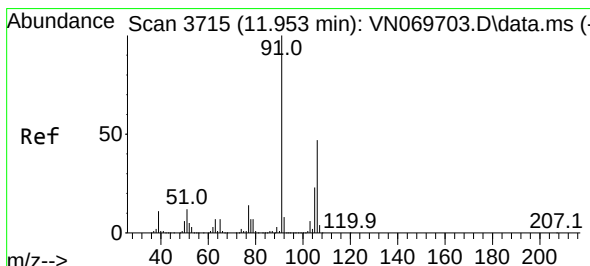
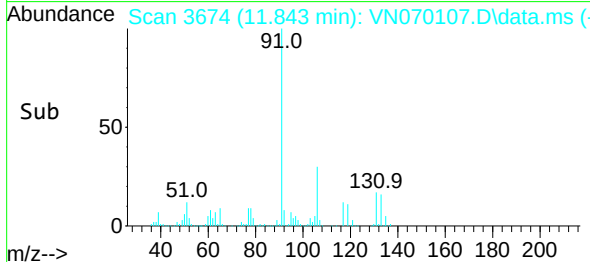
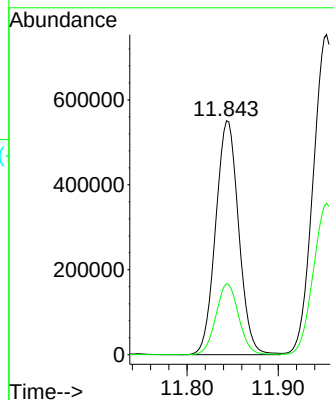
Instrument :
MSVOA_N
ClientSampleId :
VN1215MBS01



Tgt Ion: 91 Resp: 966470
Ion Ratio Lower Upper
91 100
106 30.4 25.7 38.5

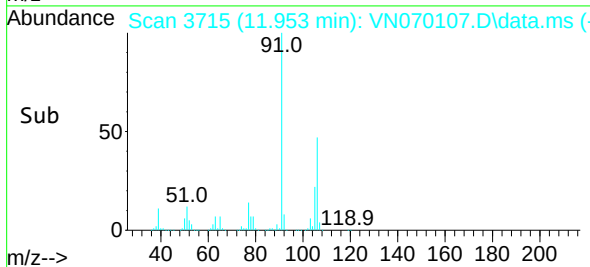
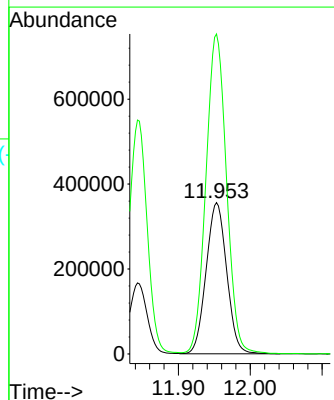
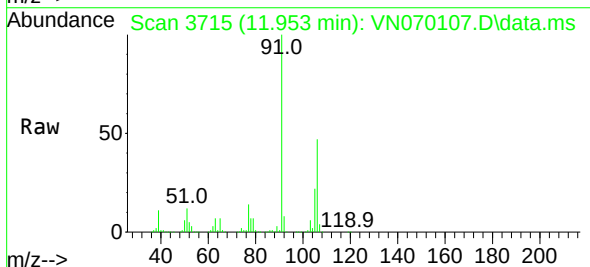
Manual Integrations
APPROVED

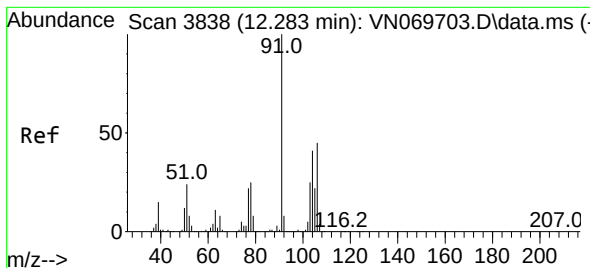
Reviewed By :John Carlone 12/16/2021
Supervised By :Amit Patel 12/16/2021



#68
m/p-Xylenes
Concen: 37.099 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. 0.000 min
Lab File: VN070107.D
Acq: 15 Dec 2021 13:00

Tgt Ion:106 Resp: 708585
Ion Ratio Lower Upper
106 100
91 211.6 160.6 240.8





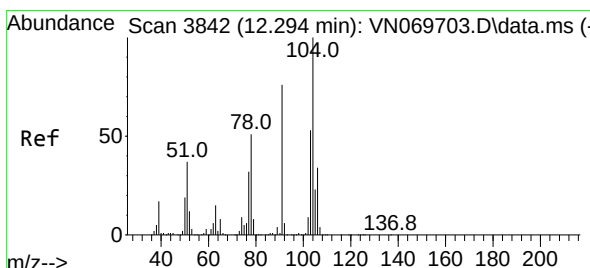
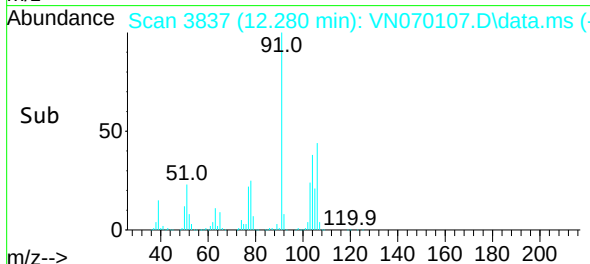
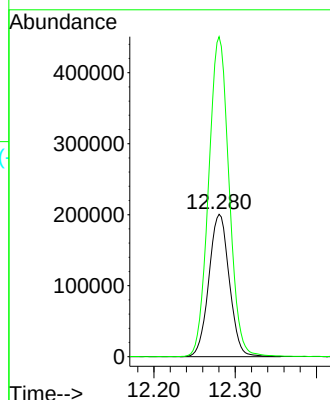
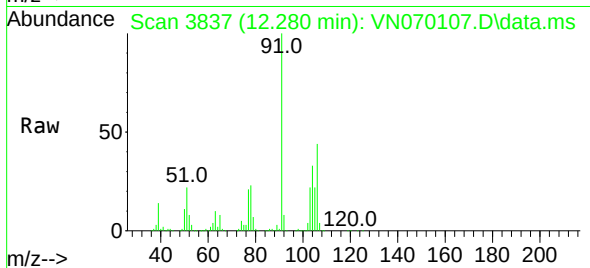
#69
o-Xylene
Concen: 18.210 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. -0.003 min
Lab File: VN070107.D
Acq: 15 Dec 2021 13:00

Instrument :
MSVOA_N
ClientSampleId :
VN1215MBS01

Tgt Ion:106 Resp: 35034
Ion Ratio Lower Upper
106 100
91 225.3 105.8 317.3

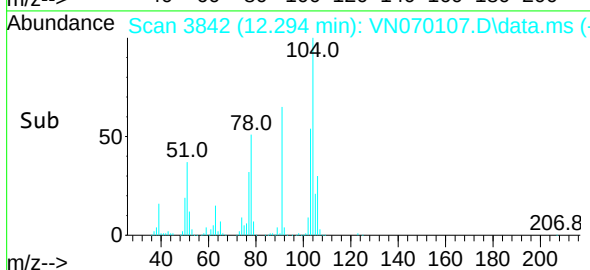
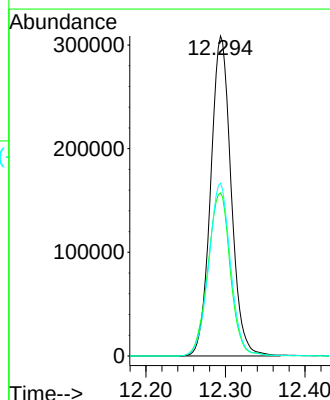
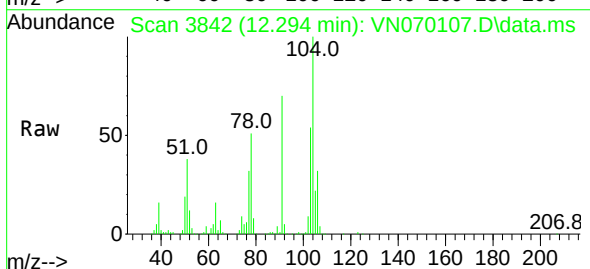
Manual Integrations
APPROVED

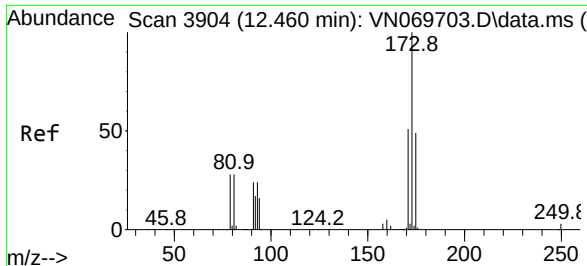
Reviewed By :John Carlone 12/16/2021
Supervised By :Amit Patel 12/16/2021



#70
Styrene
Concen: 18.051 ug/l
RT: 12.294 min Scan# 3842
Delta R.T. -0.000 min
Lab File: VN070107.D
Acq: 15 Dec 2021 13:00

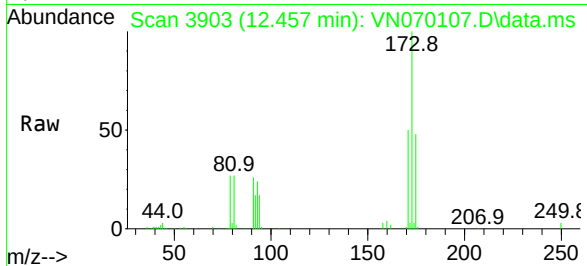
Tgt Ion:104 Resp: 550676
Ion Ratio Lower Upper
104 100
78 56.1 38.7 58.1
103 57.6 45.0 67.6





#71
Bromoform
Concen: 15.944 ug/l
RT: 12.457 min Scan# 3904
Delta R.T. -0.003 min
Lab File: VN070107.D
Acq: 15 Dec 2021 13:00

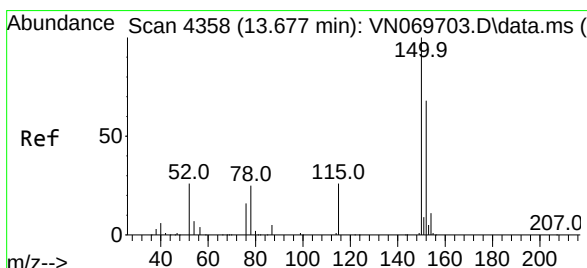
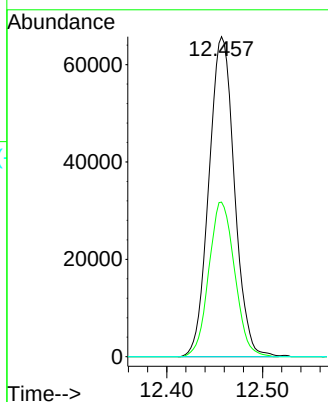
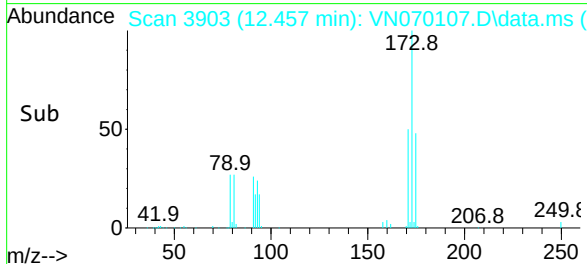
Instrument :
MSVOA_N
ClientSampleId :
VN1215MBS01



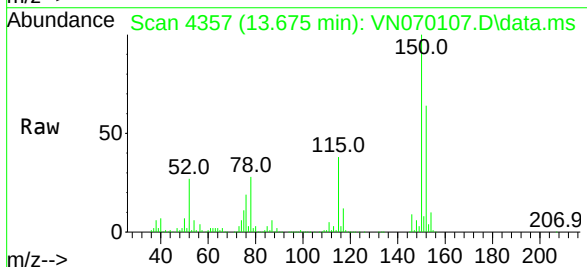
Tgt Ion:173 Resp: 121498
Ion Ratio Lower Upper
173 100
175 48.9 24.2 72.6
254 0.0 0.0 0.0

Manual Integrations
APPROVED

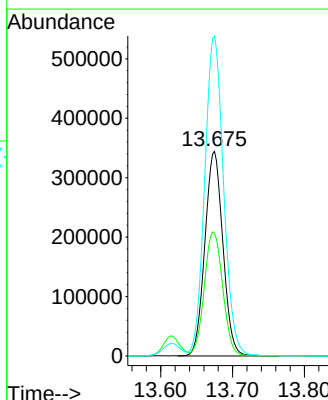
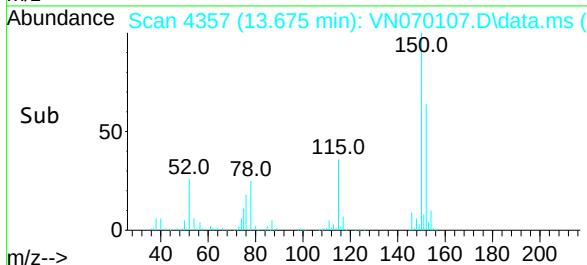
Reviewed By :John Carlone 12/16/2021
Supervised By :Amit Patel 12/16/2021

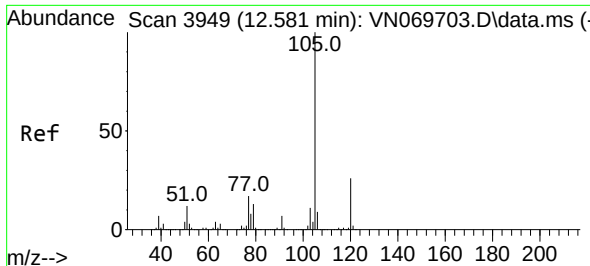


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.003 min
Lab File: VN070107.D
Acq: 15 Dec 2021 13:00



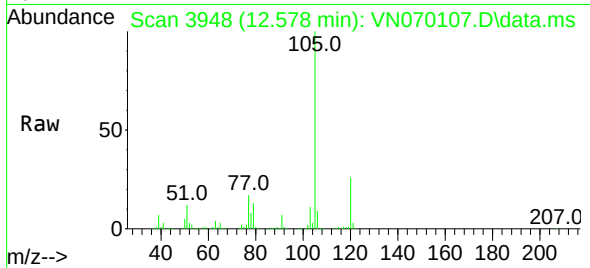
Tgt Ion:152 Resp: 601168
Ion Ratio Lower Upper
152 100
115 61.9 27.5 82.5
150 163.3 0.0 344.4





#73
Isopropylbenzene
Concen: 17.189 ug/l
RT: 12.578 min Scan# 3948
Delta R.T. -0.003 min
Lab File: VN070107.D
Acq: 15 Dec 2021 13:00

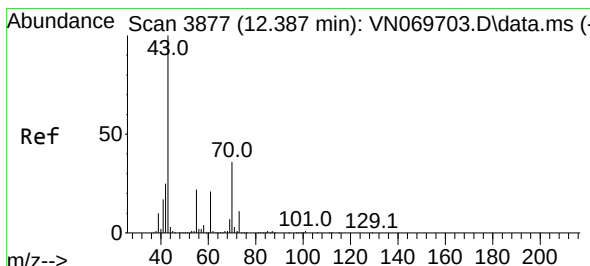
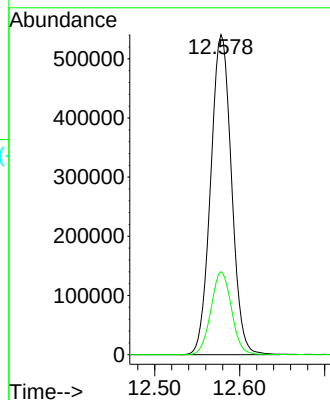
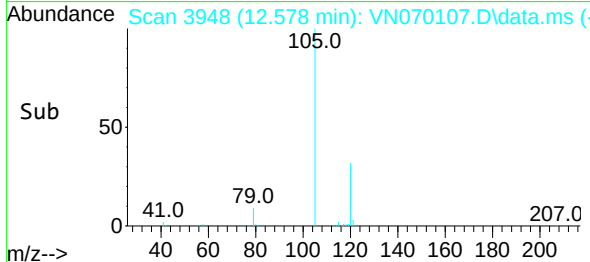
Instrument :
MSVOA_N
ClientSampleId :
VN1215MBS01



Tgt Ion:105 Resp: 91941
Ion Ratio Lower Upper
105 100
120 25.6 13.4 40.1

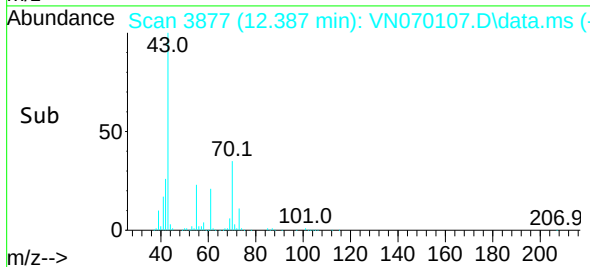
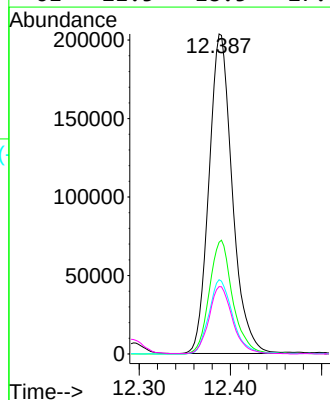
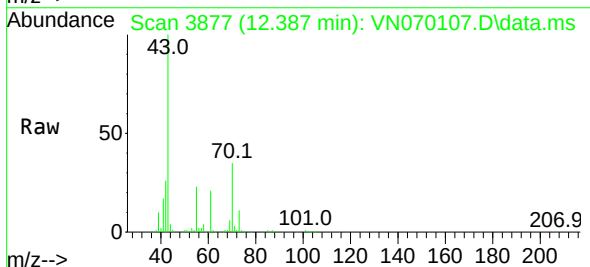
Manual Integrations
APPROVED

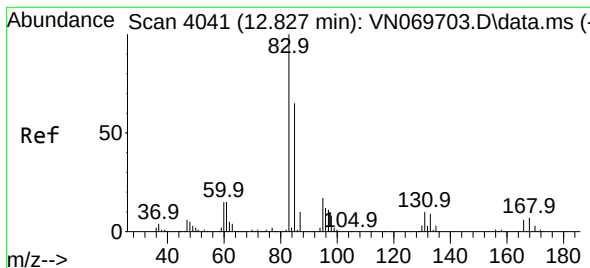
Reviewed By :John Carlone 12/16/2021
Supervised By :Amit Patel 12/16/2021



#74
N-ethyl acetate
Concen: 15.280 ug/l
RT: 12.387 min Scan# 3877
Delta R.T. 0.000 min
Lab File: VN070107.D
Acq: 15 Dec 2021 13:00

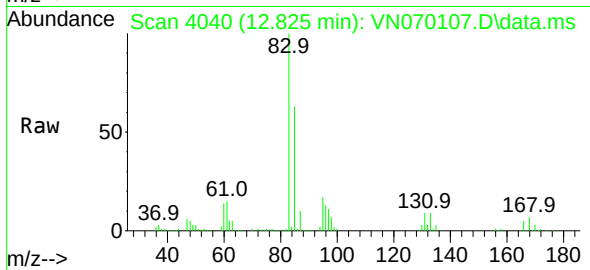
Tgt Ion: 43 Resp: 361434
Ion Ratio Lower Upper
43 100
70 35.7 33.4 50.0
55 23.7 19.3 28.9
61 21.5 18.5 27.7





#75
1,1,2,2-Tetrachloroethane
Concen: 16.838 ug/l
RT: 12.825 min Scan# 4041
Delta R.T. -0.003 min
Lab File: VN070107.D
Acq: 15 Dec 2021 13:00

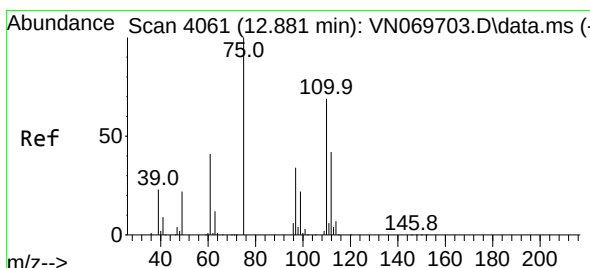
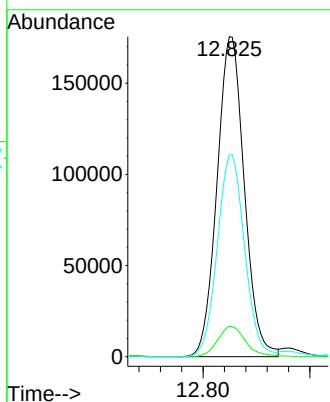
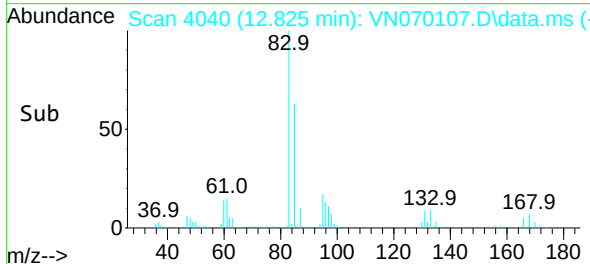
Instrument :
MSVOA_N
ClientSampleId :
VN1215MBS01



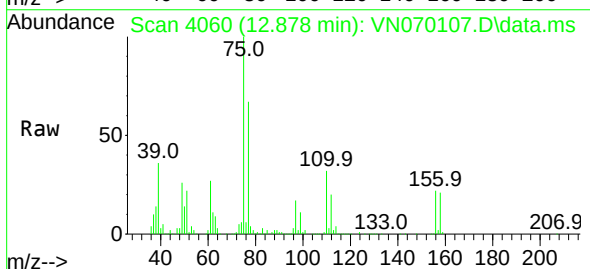
Tgt Ion: 83 Resp: 31144
Ion Ratio Lower Upper
83 100
131 9.8 5.5 16.5
85 63.1 32.4 97.2

Manual Integrations
APPROVED

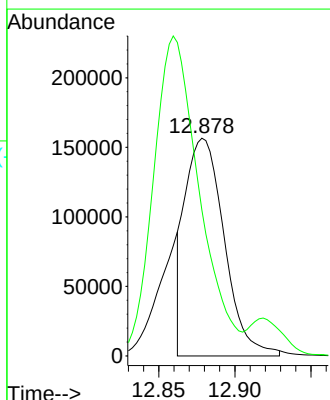
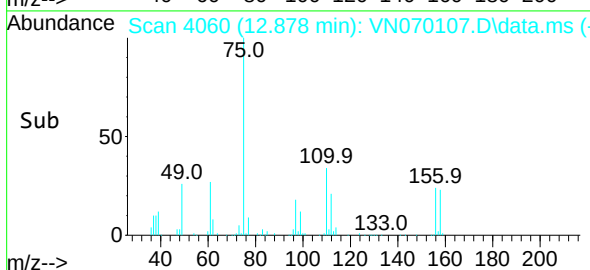
Reviewed By :John Carlone 12/16/2021
Supervised By :Amit Patel 12/16/2021

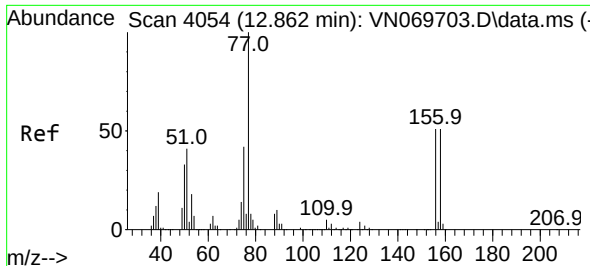


#76
1,2,3-Trichloropropane
Concen: 16.210 ug/l m
RT: 12.878 min Scan# 4060
Delta R.T. -0.003 min
Lab File: VN070107.D
Acq: 15 Dec 2021 13:00



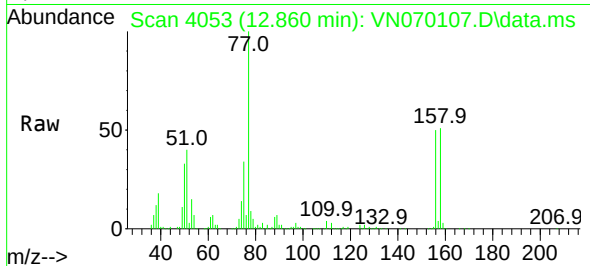
Tgt Ion: 75 Resp: 279467
Ion Ratio Lower Upper
75 100
77 172.6 82.6 247.8





#77
Bromobenzene
Concen: 16.618 ug/l
RT: 12.860 min Scan# 4054
Delta R.T. -0.003 min
Lab File: VN070107.D
Acq: 15 Dec 2021 13:00

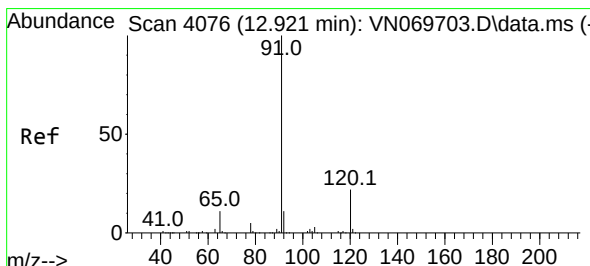
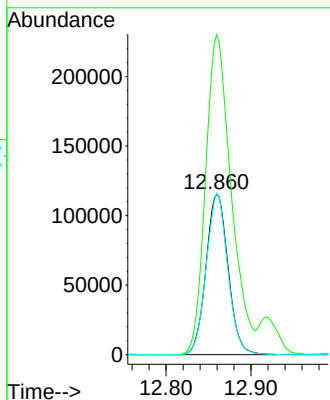
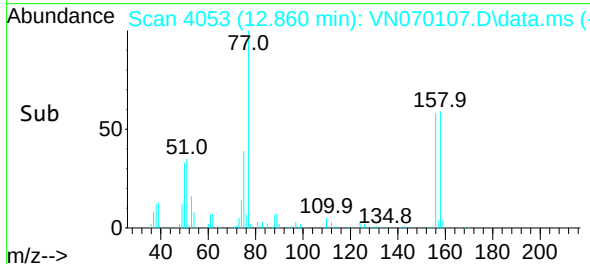
Instrument :
MSVOA_N
ClientSampleId :
VN1215MBS01



Tgt Ion:156 Resp: 20878
Ion Ratio Lower Upper
156 100
77 231.1 90.6 271.8
158 97.7 48.9 146.7

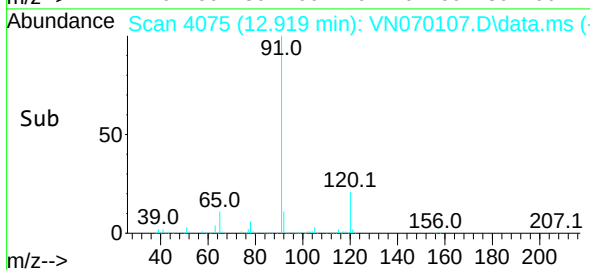
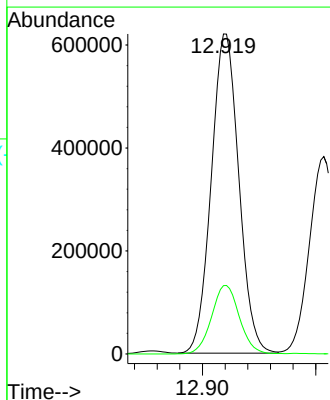
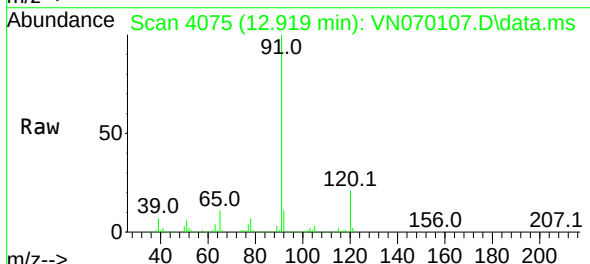
Manual Integrations
APPROVED

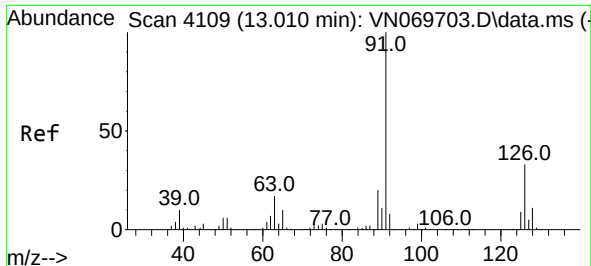
Reviewed By :John Carlone 12/16/2021
Supervised By :Amit Patel 12/16/2021



#78
n-propylbenzene
Concen: 17.596 ug/l
RT: 12.919 min Scan# 4075
Delta R.T. -0.003 min
Lab File: VN070107.D
Acq: 15 Dec 2021 13:00

Tgt Ion: 91 Resp: 1047307
Ion Ratio Lower Upper
91 100
120 21.7 11.9 35.9





#79

2-Chlorotoluene

Concen: 17.511 ug/l

RT: 13.007 min Scan# 4109

Delta R.T. -0.003 min

Lab File: VN070107.D

Acq: 15 Dec 2021 13:00

Instrument :

MSVOA_N

ClientSampleId :

VN1215MBS01

Tgt Ion: 91 Resp: 65855

Ion Ratio Lower Upper

91 100

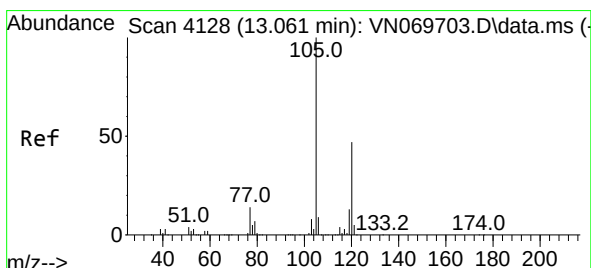
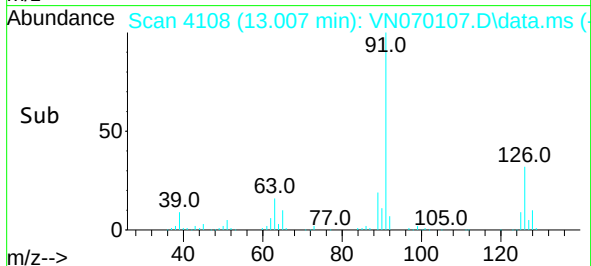
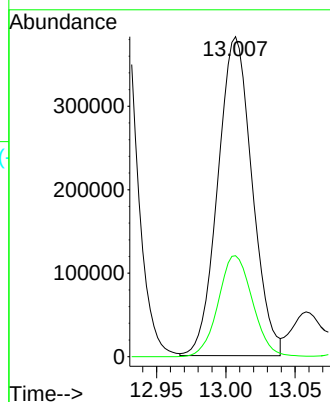
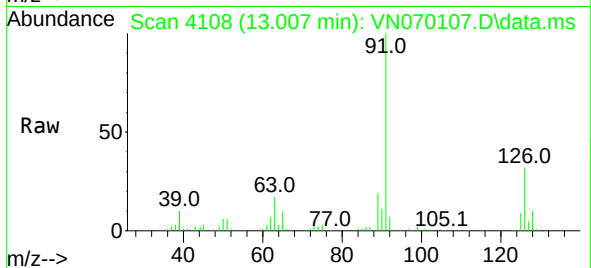
126 31.7 18.3 54.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/16/2021

Supervised By :Amit Patel 12/16/2021



#80

1,3,5-Trimethylbenzene

Concen: 17.387 ug/l

RT: 13.058 min Scan# 4127

Delta R.T. -0.003 min

Lab File: VN070107.D

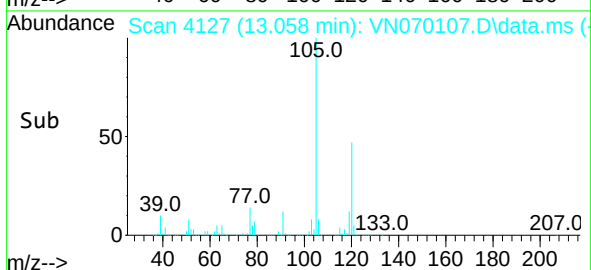
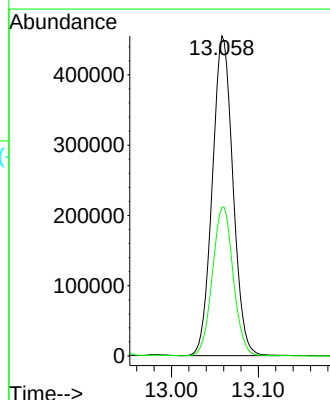
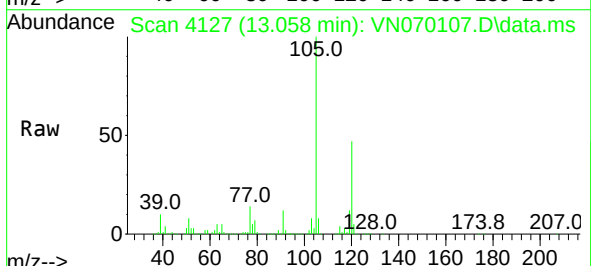
Acq: 15 Dec 2021 13:00

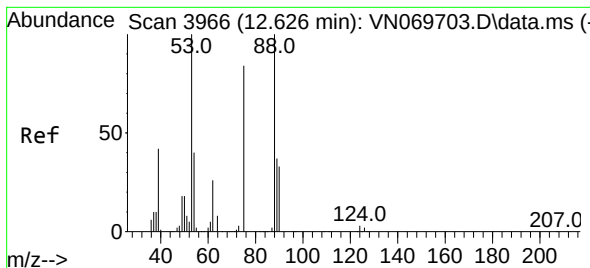
Tgt Ion:105 Resp: 748529

Ion Ratio Lower Upper

105 100

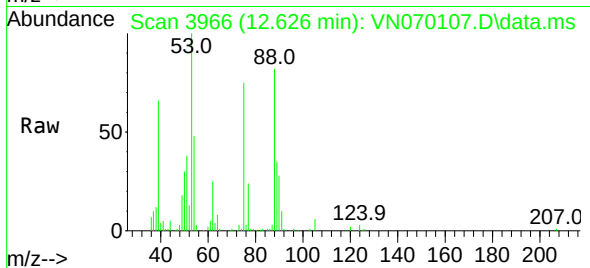
120 47.2 24.6 73.6





#81
trans-1,4-Dichloro-2-butene
Concen: 15.755 ug/l
RT: 12.626 min Scan# 3966
Delta R.T. 0.000 min
Lab File: VN070107.D
Acq: 15 Dec 2021 13:00

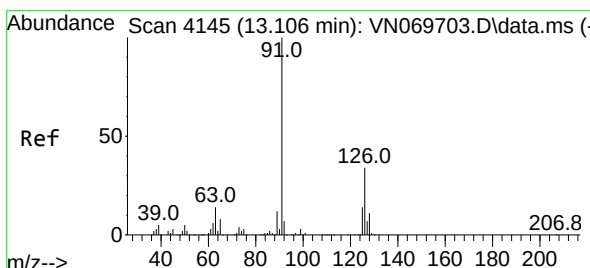
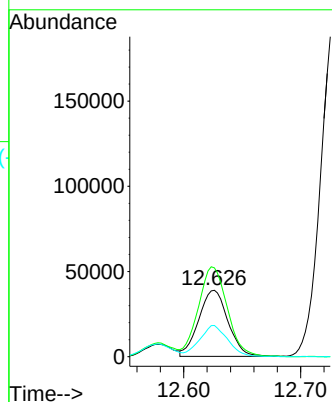
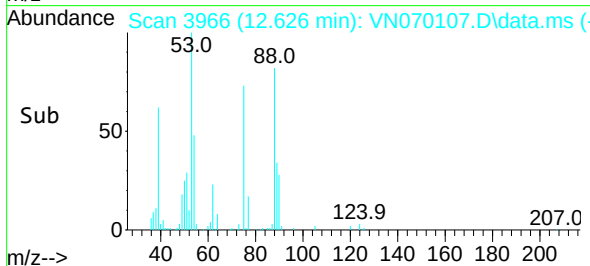
Instrument :
MSVOA_N
ClientSampleId :
VN1215MBS01



Tgt Ion: 75 Resp: 67040
Ion Ratio Lower Upper
75 100
53 136.1 90.5 135.7
89 45.0 38.2 57.4

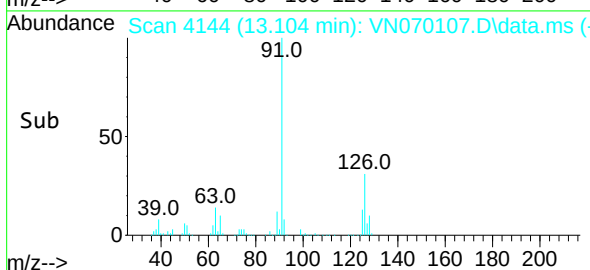
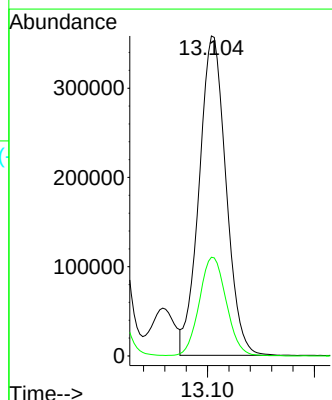
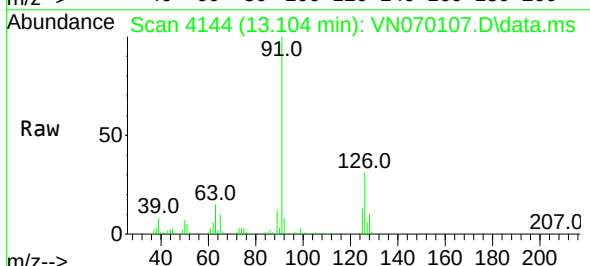
Manual Integrations
APPROVED

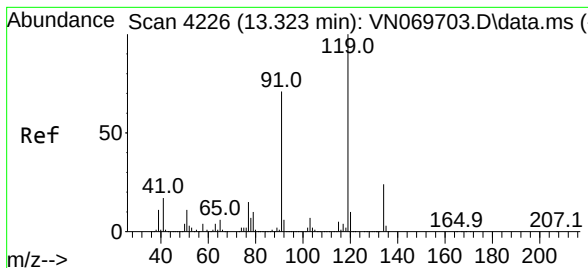
Reviewed By :John Carlone 12/16/2021
Supervised By :Amit Patel 12/16/2021



#82
4-Chlorotoluene
Concen: 17.643 ug/l
RT: 13.104 min Scan# 4144
Delta R.T. -0.003 min
Lab File: VN070107.D
Acq: 15 Dec 2021 13:00

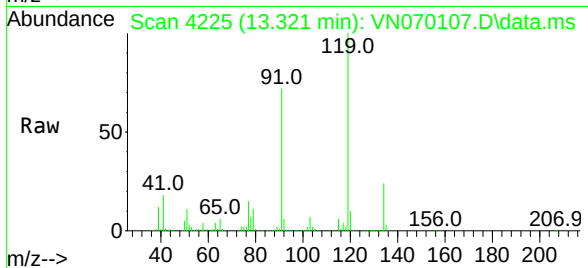
Tgt Ion: 91 Resp: 623988
Ion Ratio Lower Upper
91 100
126 31.0 18.2 54.6





#83
tert-Butylbenzene
Concen: 17.288 ug/l
RT: 13.321 min Scan# 41
Delta R.T. -0.003 min
Lab File: VN070107.D
Acq: 15 Dec 2021 13:00

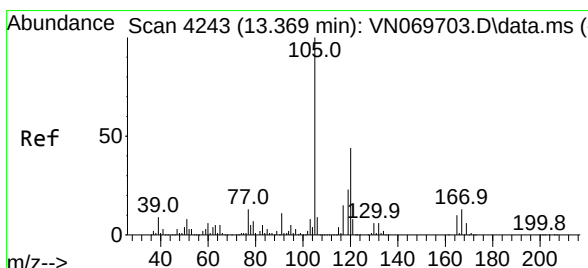
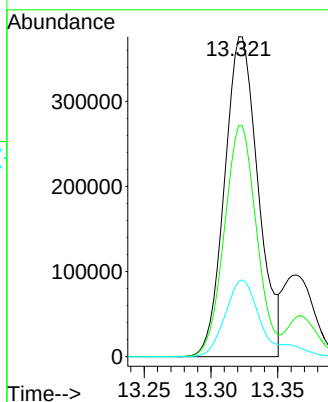
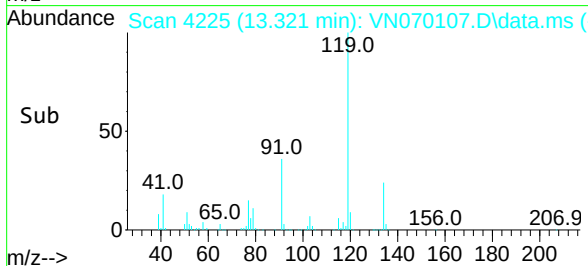
Instrument :
MSVOA_N
ClientSampleId :
VN1215MBS01



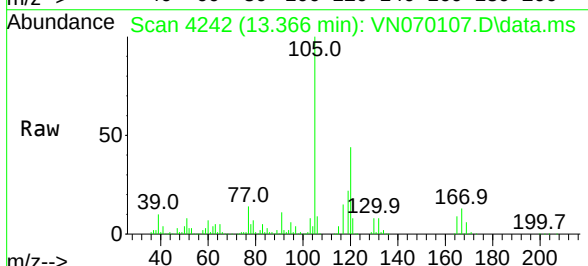
Tgt Ion:119 Resp: 659035
Ion Ratio Lower Upper
119 100
91 69.1 31.5 94.5
134 26.4 12.4 37.4

Manual Integrations
APPROVED

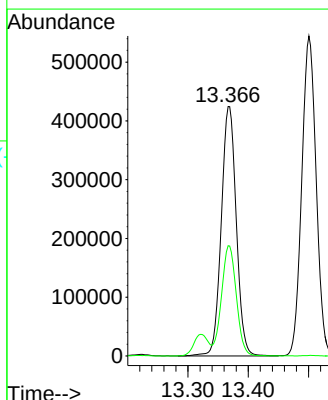
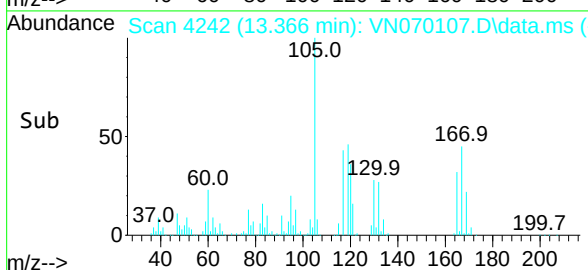
Reviewed By :John Carlone 12/16/2021
Supervised By :Amit Patel 12/16/2021

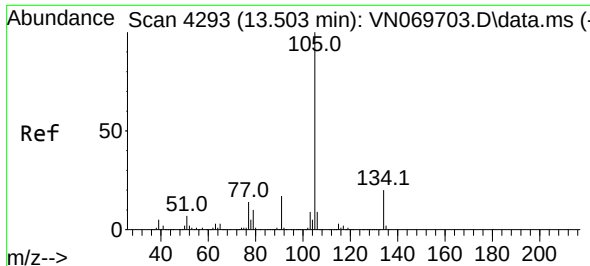


#84
1,2,4-Trimethylbenzene
Concen: 17.900 ug/l
RT: 13.366 min Scan# 4242
Delta R.T. -0.003 min
Lab File: VN070107.D
Acq: 15 Dec 2021 13:00



Tgt Ion:105 Resp: 733895
Ion Ratio Lower Upper
105 100
120 43.4 22.8 68.4





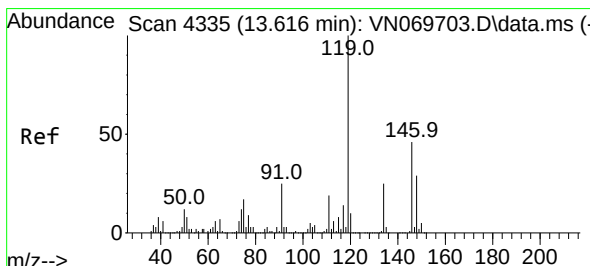
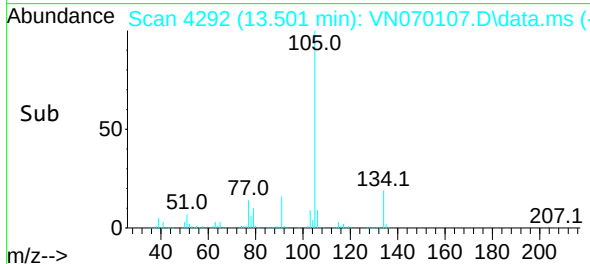
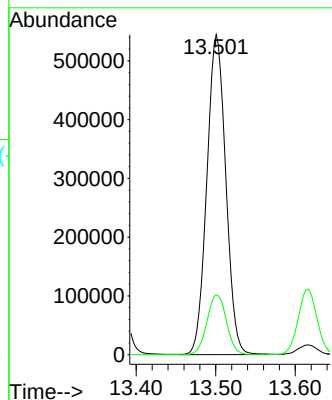
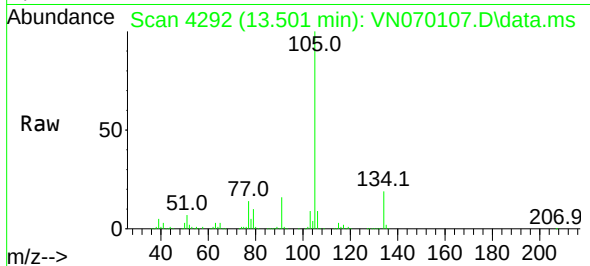
#85
 sec-Butylbenzene
 Concen: 17.465 ug/l
 RT: 13.501 min Scan# 4292
 Delta R.T. -0.003 min
 Lab File: VN070107.D
 Acq: 15 Dec 2021 13:00

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1215MBS01

Tgt Ion:105 Resp: 903050
 Ion Ratio Lower Upper
 105 100
 134 19.3 10.4 31.1

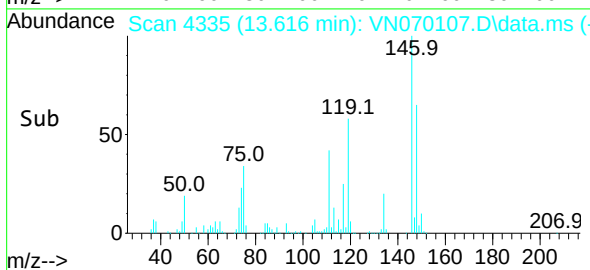
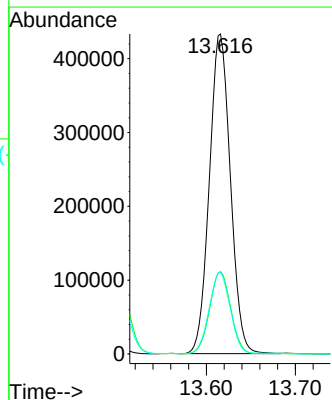
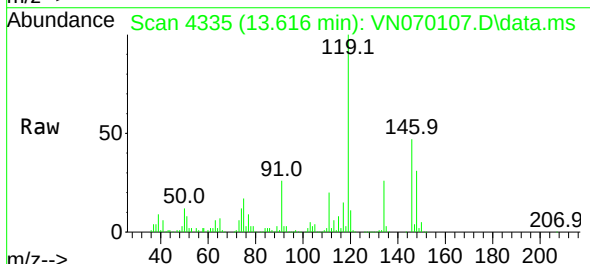
Manual Integrations
 APPROVED

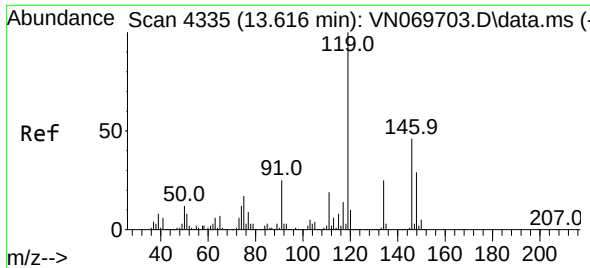
Reviewed By :John Carlone 12/16/2021
 Supervised By :Amit Patel 12/16/2021



#86
 p-Isopropyltoluene
 Concen: 17.564 ug/l
 RT: 13.616 min Scan# 4335
 Delta R.T. 0.000 min
 Lab File: VN070107.D
 Acq: 15 Dec 2021 13:00

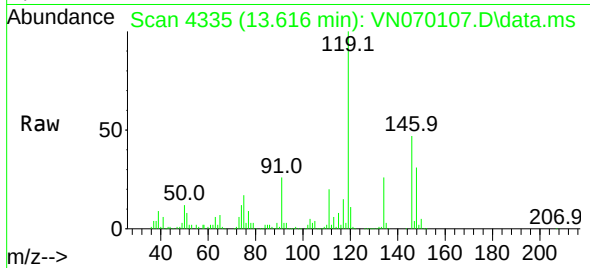
Tgt Ion:119 Resp: 709902
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.6 40.7
 91 25.4 11.4 34.1





#87
 1,3-Dichlorobenzene
 Concen: 17.332 ug/l
 RT: 13.616 min Scan# 4335
 Delta R.T. 0.000 min
 Lab File: VN070107.D
 Acq: 15 Dec 2021 13:00

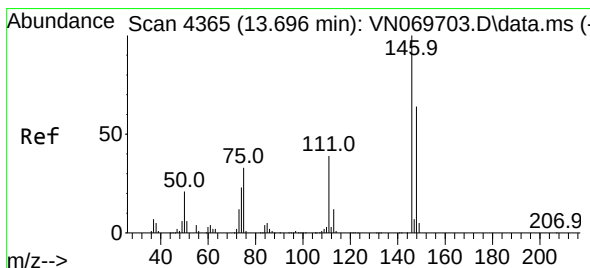
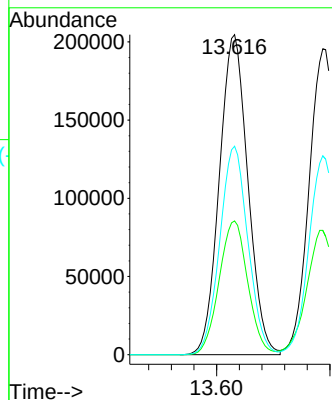
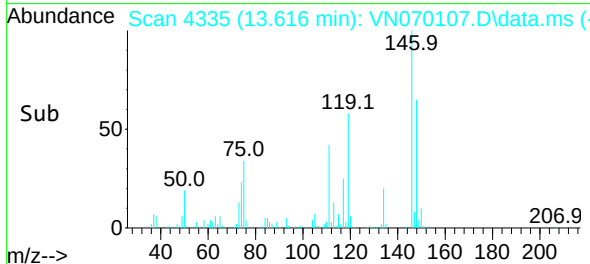
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1215MBS01



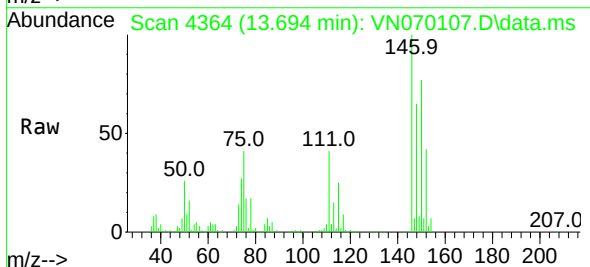
Tgt Ion:146 Resp: 35772
 Ion Ratio Lower Upper
 146 100
 111 42.0 18.6 55.6
 148 64.5 31.6 95.0

Manual Integrations
 APPROVED

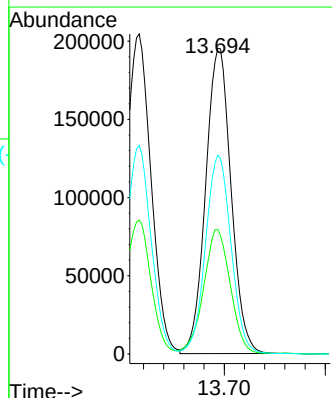
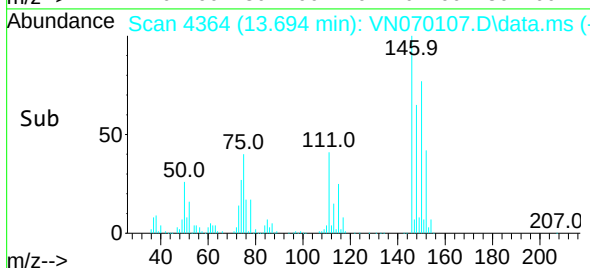
Reviewed By :John Carlone 12/16/2021
 Supervised By :Amit Patel 12/16/2021

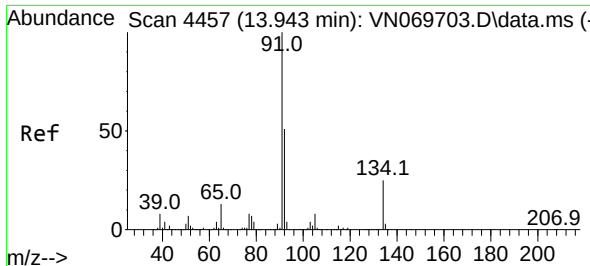


#88
 1,4-Dichlorobenzene
 Concen: 16.865 ug/l
 RT: 13.694 min Scan# 4364
 Delta R.T. -0.003 min
 Lab File: VN070107.D
 Acq: 15 Dec 2021 13:00



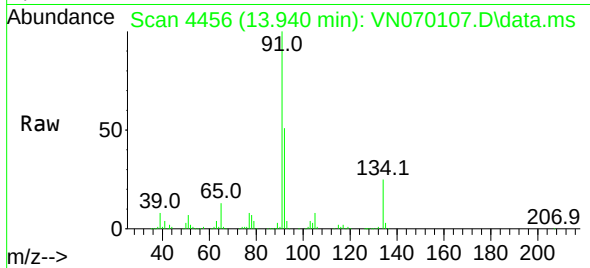
Tgt Ion:146 Resp: 342079
 Ion Ratio Lower Upper
 146 100
 111 42.6 18.3 54.8
 148 65.4 31.8 95.4





#89
n-Butylbenzene
Concen: 16.681 ug/l
RT: 13.940 min Scan# 4456
Delta R.T. -0.003 min
Lab File: VN070107.D
Acq: 15 Dec 2021 13:00

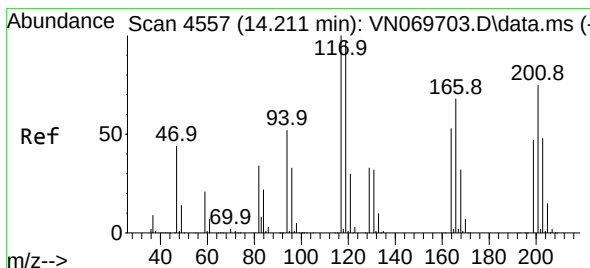
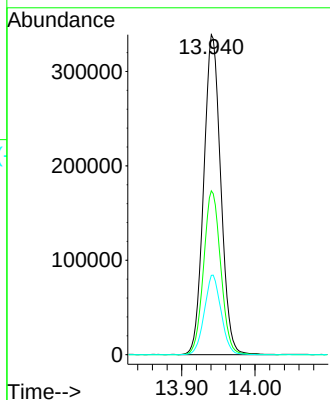
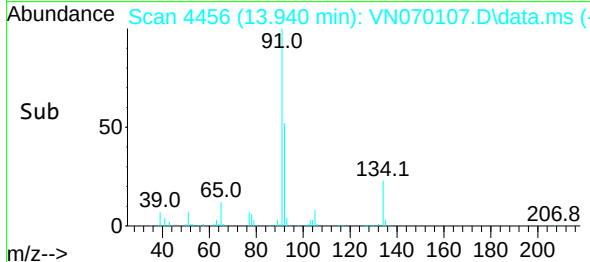
Instrument :
MSVOA_N
ClientSampleId :
VN1215MBS01



Tgt Ion: 91 Resp: 546898
Ion Ratio Lower Upper
91 100
92 51.5 25.4 76.0
134 24.5 13.6 40.8

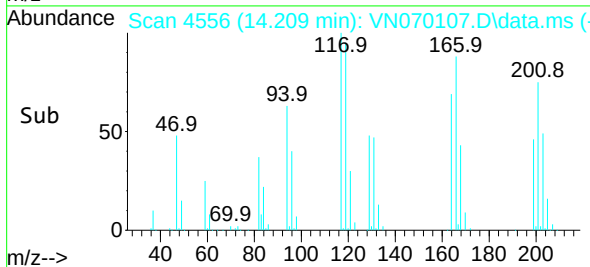
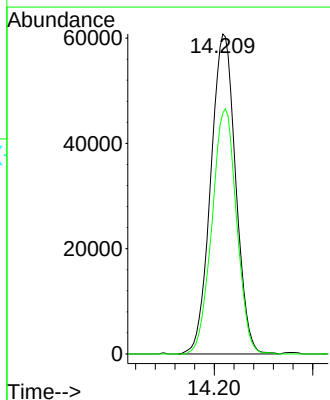
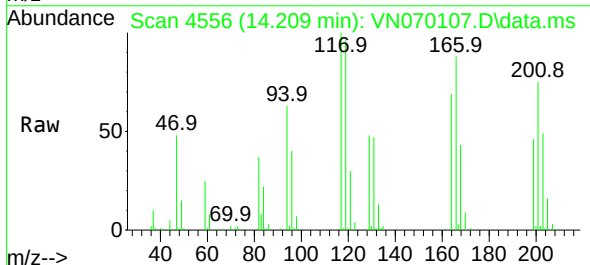
Manual Integrations
APPROVED

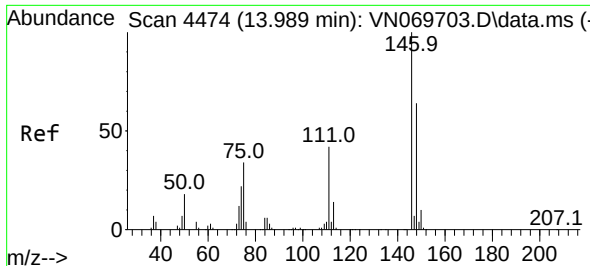
Reviewed By :John Carlone 12/16/2021
Supervised By :Amit Patel 12/16/2021



#90
Hexachloroethane
Concen: 15.067 ug/l
RT: 14.209 min Scan# 4556
Delta R.T. -0.003 min
Lab File: VN070107.D
Acq: 15 Dec 2021 13:00

Tgt Ion:117 Resp: 106914
Ion Ratio Lower Upper
117 100
201 75.6 43.9 131.6





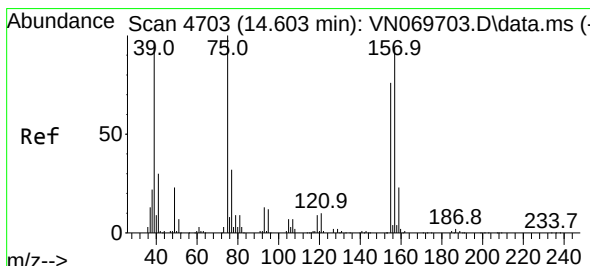
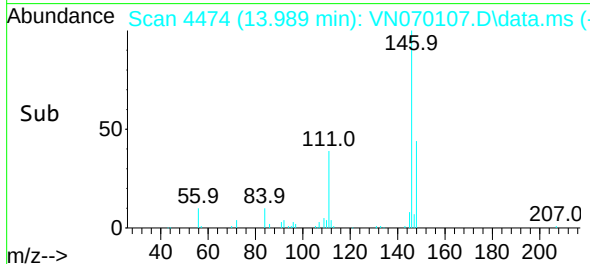
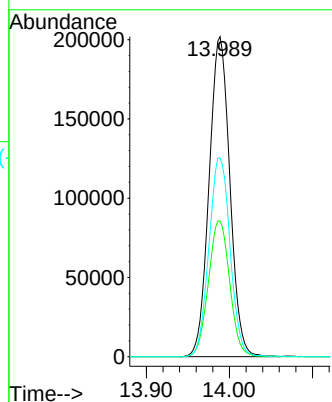
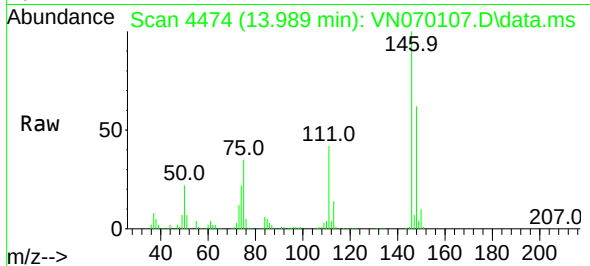
#91
1,2-Dichlorobenzene
Concen: 17.407 ug/l
RT: 13.989 min Scan# 4474
Delta R.T. 0.000 min
Lab File: VN070107.D
Acq: 15 Dec 2021 13:00

Instrument :
MSVOA_N
ClientSampleId :
VN1215MBS01

Tgt Ion:146 Resp: 35005
Ion Ratio Lower Upper
146 100
111 43.5 19.1 57.3
148 63.5 32.1 96.3

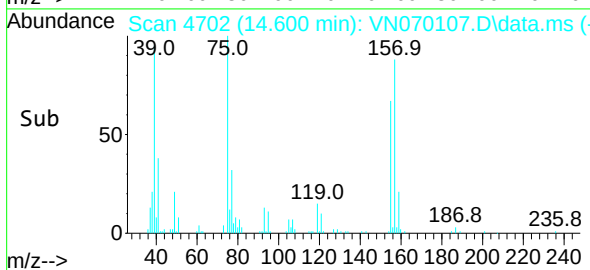
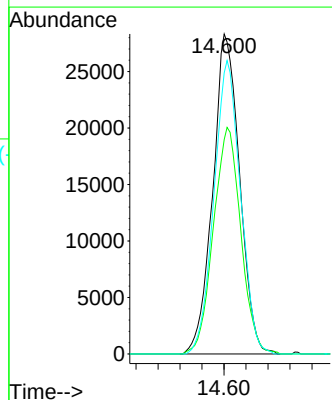
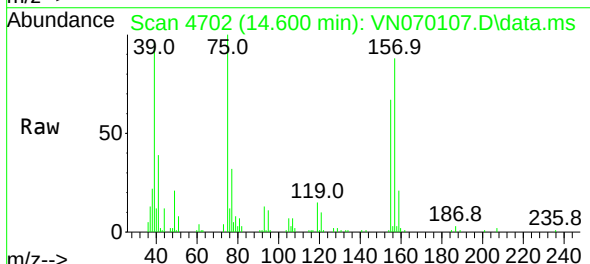
Manual Integrations
APPROVED

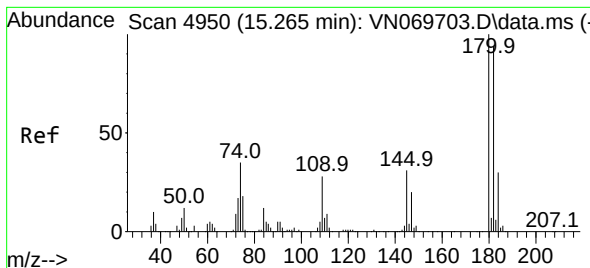
Reviewed By :John Carlone 12/16/2021
Supervised By :Amit Patel 12/16/2021



#92
1,2-Dibromo-3-Chloropropane
Concen: 14.346 ug/l
RT: 14.600 min Scan# 4702
Delta R.T. -0.003 min
Lab File: VN070107.D
Acq: 15 Dec 2021 13:00

Tgt Ion: 75 Resp: 47949
Ion Ratio Lower Upper
75 100
155 72.3 46.9 140.7
157 90.5 60.6 181.7





#93

1,2,4-Trichlorobenzene

Concen: 16.622 ug/l

RT: 15.263 min Scan# 4950

Delta R.T. -0.002 min

Lab File: VN070107.D

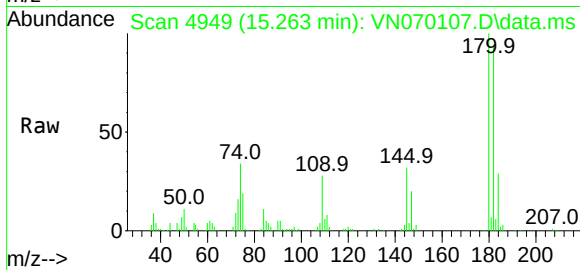
Acq: 15 Dec 2021 13:00

Instrument :

MSVOA_N

ClientSampleId :

VN1215MBS01



Tgt Ion:180 Resp: 14384

Ion Ratio Lower Upper

180 100

182 95.0 48.3 144.9

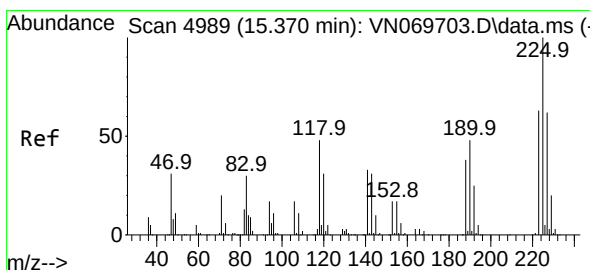
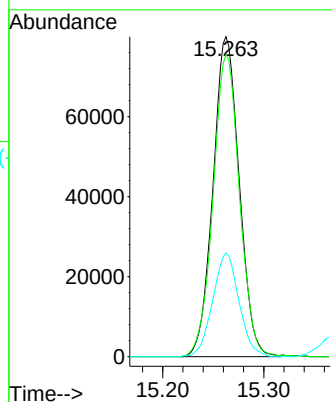
145 32.5 14.5 43.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/16/2021

Supervised By :Amit Patel 12/16/2021



#94

Hexachlorobutadiene

Concen: 18.885 ug/l

RT: 15.370 min Scan# 4989

Delta R.T. 0.000 min

Lab File: VN070107.D

Acq: 15 Dec 2021 13:00

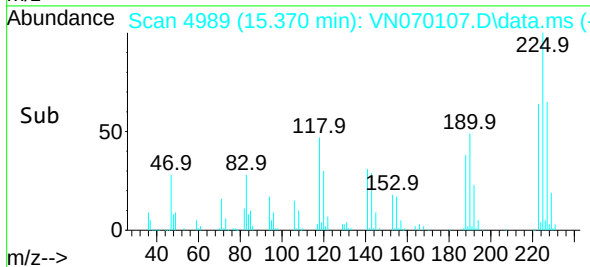
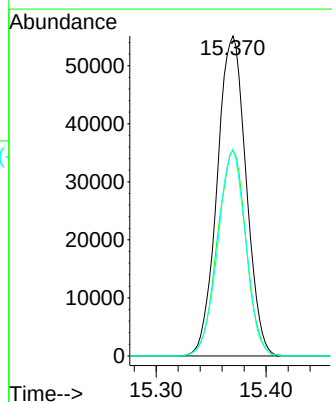
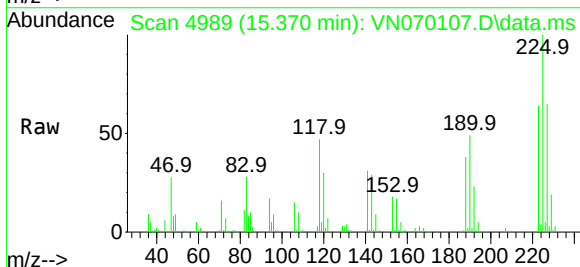
Tgt Ion:225 Resp: 100648

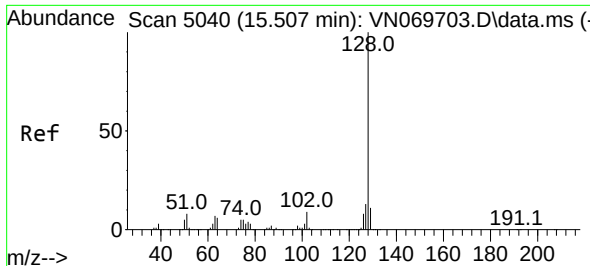
Ion Ratio Lower Upper

225 100

223 63.6 31.9 95.7

227 62.5 32.1 96.3





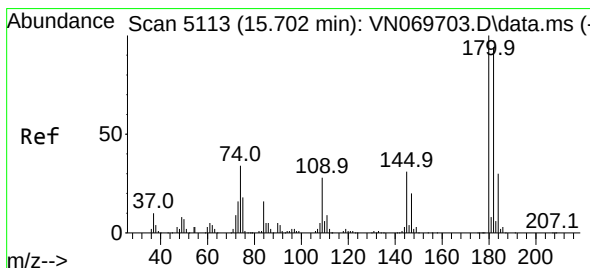
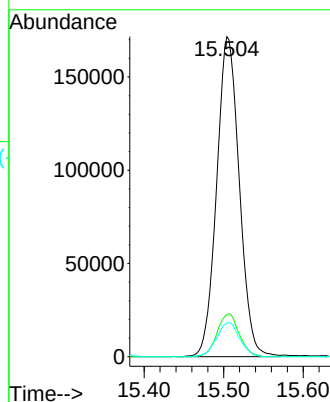
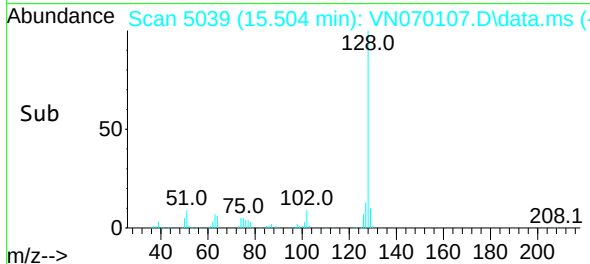
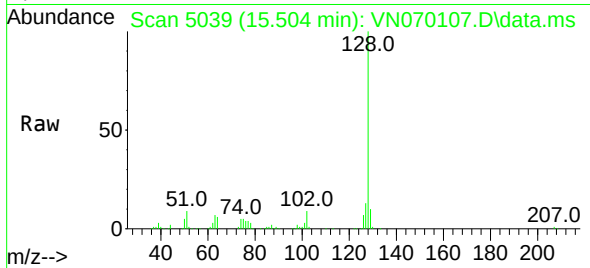
#95
Naphthalene
Concen: 14.617 ug/l
RT: 15.504 min Scan# 5040
Delta R.T. -0.003 min
Lab File: VN070107.D
Acq: 15 Dec 2021 13:00

Instrument :
MSVOA_N
ClientSampleId :
VN1215MBS01

Tgt Ion:128 Resp: 339400
Ion Ratio Lower Upper
128 100
127 13.2 10.5 15.7
129 11.0 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/16/2021
Supervised By :Amit Patel 12/16/2021



#96
1,2,3-Trichlorobenzene
Concen: 15.993 ug/l
RT: 15.700 min Scan# 5112
Delta R.T. -0.002 min
Lab File: VN070107.D
Acq: 15 Dec 2021 13:00

Tgt Ion:180 Resp: 136997
Ion Ratio Lower Upper
180 100
182 99.7 47.4 142.2
145 34.4 15.0 45.1

