

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121521\
 Data File : VN070109.D
 Acq On : 15 Dec 2021 14:11
 Operator : JC/MD
 Sample : VN1215WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1215WBSD01

Manual Integrations
 APPROVED

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

Quant Time: Dec 16 05:38:34 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	888155	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1433315	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1303927	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	544706	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	699887	51.038	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 102.080%	
35) Dibromofluoromethane	8.019	113	468389	52.171	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 104.340%	
50) Toluene-d8	10.440	98	1798981	49.903	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 99.800%	
62) 4-Bromofluorobenzene	12.731	95	642237	49.176	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 98.360%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.073	85	173616	16.760	ug/l	99
3) Chloromethane	2.303	50	222181	17.120	ug/l	98
4) Vinyl Chloride	2.448	62	201311	16.870	ug/l	100
5) Bromomethane	2.850	94	116326	17.943	ug/l	98
6) Chloroethane	3.019	64	123650	16.909	ug/l	96
7) Trichlorofluoromethane	3.376	101	262093	16.735	ug/l	99
8) Diethyl Ether	3.821	74	119233	19.767	ug/l	80
9) 1,1,2-Trichlorotrifluo...	4.208	101	167568	19.087	ug/l	97
10) Methyl Iodide	4.419	142	215730	17.987	ug/l	99
11) Tert butyl alcohol	5.380	59	218907	84.451	ug/l	98
12) 1,1-Dichloroethene	4.181	96	150196	17.754	ug/l	88
13) Acrolein	4.041	56	160089	72.523	ug/l	97
14) Allyl chloride	4.840	41	357854	18.772	ug/l #	92
15) Acrylonitrile	5.554	53	646513	92.560	ug/l	99
16) Acetone	4.288	43	765779	92.832	ug/l	95
17) Carbon Disulfide	4.527	76	334146	15.288	ug/l	99
18) Methyl Acetate	4.854	43	464279	18.646	ug/l #	70
19) Methyl tert-butyl Ether	5.618	73	658040	20.004	ug/l	97
20) Methylene Chloride	5.090	84	201586	18.383	ug/l	88
21) trans-1,2-Dichloroethene	5.599	96	165250	17.984	ug/l #	82
22) Diisopropyl ether	6.495	45	769175	20.643	ug/l	96
23) Vinyl Acetate	6.434	43	3017291	99.535	ug/l #	94
24) 1,1-Dichloroethane	6.388	63	374448	19.400	ug/l	99
25) 2-Butanone	7.337	43	1006446	89.796	ug/l	90
26) 2,2-Dichloropropane	7.324	77	277851	18.515	ug/l	96
27) cis-1,2-Dichloroethene	7.327	96	208376	18.769	ug/l	85
28) Bromochloromethane	7.657	49	173195	17.256	ug/l #	76
29) Tetrahydrofuran	7.686	42	617777	90.772	ug/l	87
30) Chloroform	7.817	83	375726	19.275	ug/l	99
31) Cyclohexane	8.094	56	353090	18.502	ug/l	88
32) 1,1,1-Trichloroethane	8.013	97	303013	18.249	ug/l	95
36) 1,1-Dichloropropene	8.222	75	261927	19.196	ug/l	95
37) Ethyl Acetate	7.412	43	382520	18.836	ug/l #	94
38) Carbon Tetrachloride	8.206	117	237225	17.729	ug/l	98
39) Methylcyclohexane	9.459	83	304542	18.764	ug/l	87
40) Benzene	8.458	78	814128	19.520	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	187302	19.647	ug/l	90
42) 1,2-Dichloroethane	8.528	62	333474	19.807	ug/l	97
43) Isopropyl Acetate	8.560	43	594389	19.778	ug/l #	93
44) Trichloroethene	9.215	130	186774	18.763	ug/l	90
45) 1,2-Dichloropropane	9.491	63	225531	20.137	ug/l	99
46) Dibromomethane	9.577	93	141396	19.250	ug/l	93
47) Bromodichloromethane	9.759	83	275052	19.778	ug/l	98
48) Methyl methacrylate	9.558	41	272012	19.395	ug/l	83
49) 1,4-Dioxane	9.569	88	91227	362.511	ug/l #	81
51) 4-Methyl-2-Pentanone	10.330	43	1915393	98.244	ug/l	94
52) Toluene	10.505	92	500168	19.643	ug/l	97
53) t-1,3-Dichloropropene	10.717	75	285057	18.882	ug/l	98
54) cis-1,3-Dichloropropene	10.188	75	312433	19.083	ug/l #	89
55) 1,1,2-Trichloroethane	10.896	97	206555	20.105	ug/l	98
56) Ethyl methacrylate	10.762	69	332589	18.654	ug/l #	87
57) 1,3-Dichloropropane	11.044	76	368739	20.384	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.041	63	378514	85.378	ug/l	90
59) 2-Hexanone	11.084	43	1375510	93.265	ug/l	93
60) Dibromochloromethane	11.237	129	184450	18.336	ug/l	100
61) 1,2-Dibromoethane	11.344	107	202437	19.024	ug/l	100
64) Tetrachloroethene	10.977	164	168209	19.025	ug/l	95
65) Chlorobenzene	11.771	112	516688	19.532	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.840	131	180103	19.344	ug/l	99
67) Ethyl Benzene	11.843	91	963232	20.046	ug/l	95
68) m/p-Xylenes	11.953	106	699618	39.988	ug/l	92
69) o-Xylene	12.280	106	346599	19.667	ug/l	90
70) Styrene	12.294	104	556349	19.909	ug/l	95
71) Bromoform	12.457	173	124803	17.547	ug/l #	100
73) Isopropylbenzene	12.578	105	916860	18.919	ug/l	97
74) N-amyl acetate	12.388	43	389019	18.151	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.825	83	320273	19.111	ug/l	97
76) 1,2,3-Trichloropropane	12.878	75	298559m	19.113	ug/l	
77) Bromobenzene	12.860	156	210468	18.489	ug/l	76
78) n-propylbenzene	12.921	91	1037336	19.235	ug/l	95
79) 2-Chlorotoluene	13.007	91	647472	19.001	ug/l	92
80) 1,3,5-Trimethylbenzene	13.058	105	742183	19.027	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.624	75	71327	17.791	ug/l	86
82) 4-Chlorotoluene	13.104	91	618564	19.302	ug/l	92
83) tert-Butylbenzene	13.324	119	638311	18.480	ug/l	91
84) 1,2,4-Trimethylbenzene	13.366	105	715062	19.248	ug/l	97
85) sec-Butylbenzene	13.501	105	889060	18.977	ug/l	97
86) p-Isopropyltoluene	13.616	119	701076	19.144	ug/l	96
87) 1,3-Dichlorobenzene	13.616	146	358375	19.163	ug/l	97
88) 1,4-Dichlorobenzene	13.694	146	350321	19.062	ug/l	96
89) n-Butylbenzene	13.943	91	559559	18.836	ug/l	97
90) Hexachloroethane	14.209	117	105505	16.409	ug/l	89
91) 1,2-Dichlorobenzene	13.989	146	348600	19.131	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.603	75	50780	16.768	ug/l	77
93) 1,2,4-Trichlorobenzene	15.263	180	152894	19.001	ug/l	97
94) Hexachlorobutadiene	15.367	225	97937	20.281	ug/l	100
95) Naphthalene	15.504	128	397621	17.732	ug/l	99
96) 1,2,3-Trichlorobenzene	15.700	180	150207	18.841	ug/l	98

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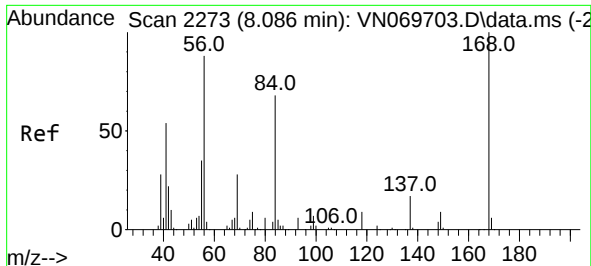
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



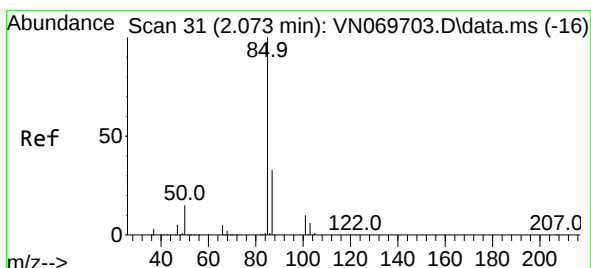
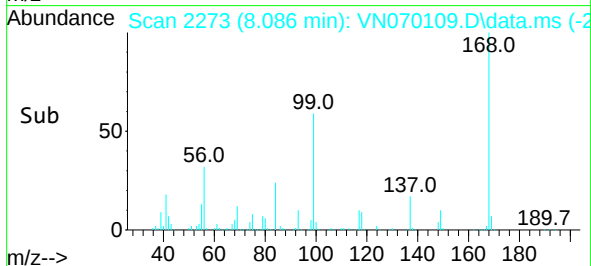
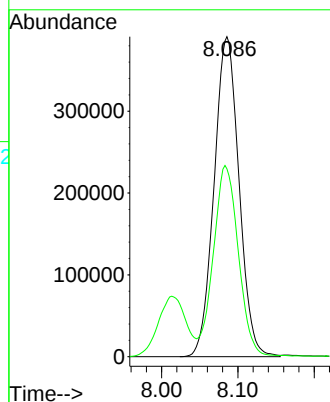
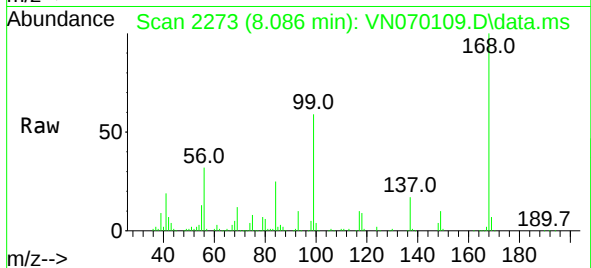
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.000 min
Lab File: VN070109.D
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Instrument :
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ClientSampleId :
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Tgt Ion:168 Resp: 88815
Ion Ratio Lower Upper
168 100
99 58.3 41.3 61.9

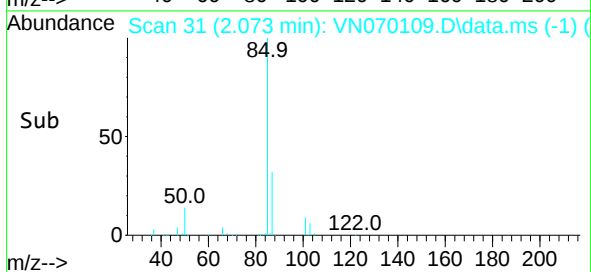
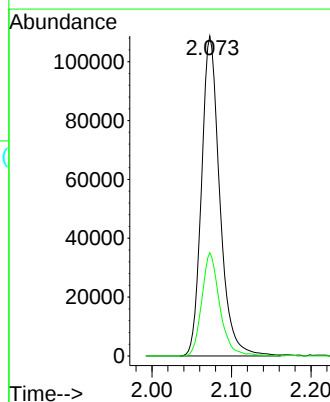
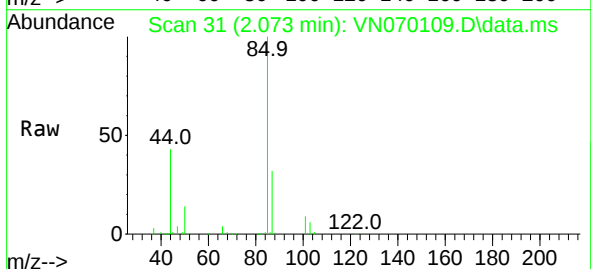
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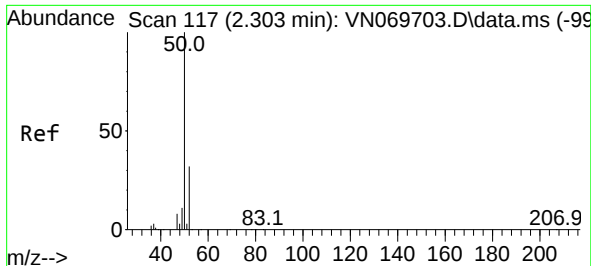
Reviewed By :John Carlone 12/16/2021
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#2
Dichlorodifluoromethane
Concen: 16.760 ug/l
RT: 2.073 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN070109.D
Acq: 15 Dec 2021 14:11

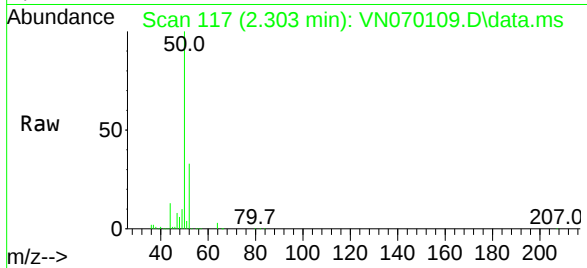
Tgt Ion: 85 Resp: 173616
Ion Ratio Lower Upper
85 100
87 32.2 16.3 48.9





#3
Chloromethane
Concen: 17.120 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN070109.D
Acq: 15 Dec 2021 14:11

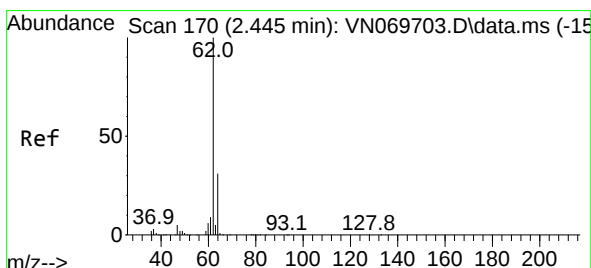
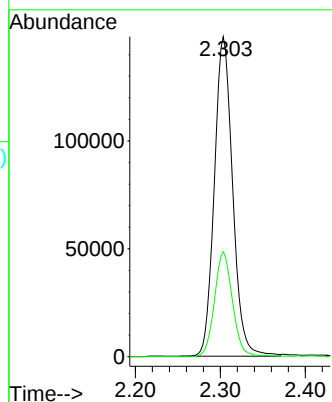
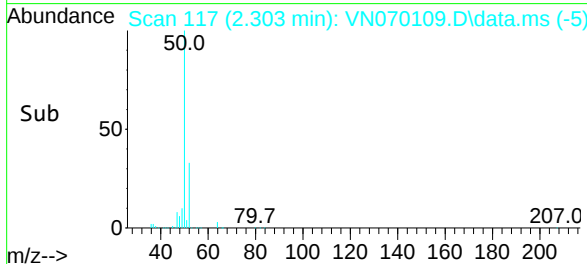
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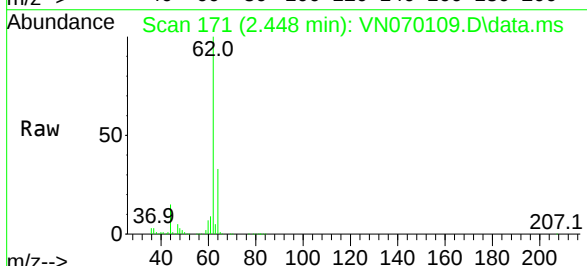
Tgt Ion: 50 Resp: 22218
Ion Ratio Lower Upper
50 100
52 32.8 25.4 38.0

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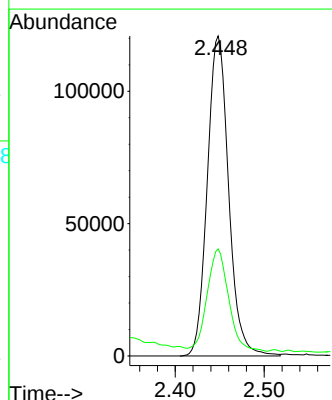
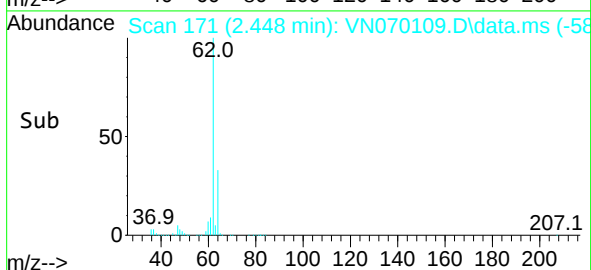
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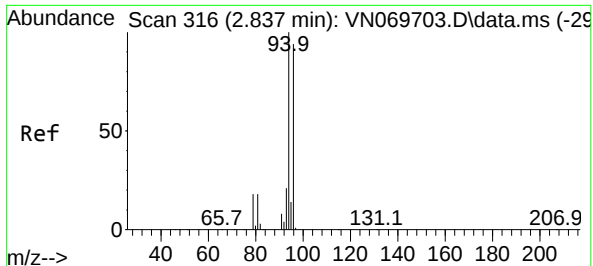


#4
Vinyl Chloride
Concen: 16.870 ug/l
RT: 2.448 min Scan# 171
Delta R.T. 0.003 min
Lab File: VN070109.D
Acq: 15 Dec 2021 14:11



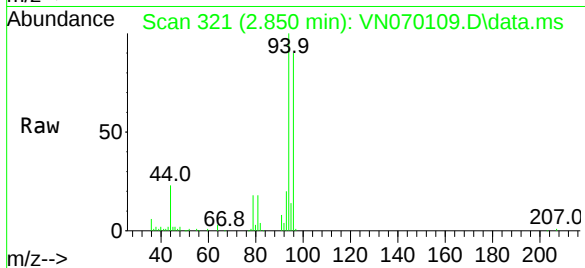
Tgt Ion: 62 Resp: 201311
Ion Ratio Lower Upper
62 100
64 32.0 25.8 38.6





#5
Bromomethane
Concen: 17.943 ug/l
RT: 2.850 min Scan# 316
Delta R.T. 0.014 min
Lab File: VN070109.D
Acq: 15 Dec 2021 14:11

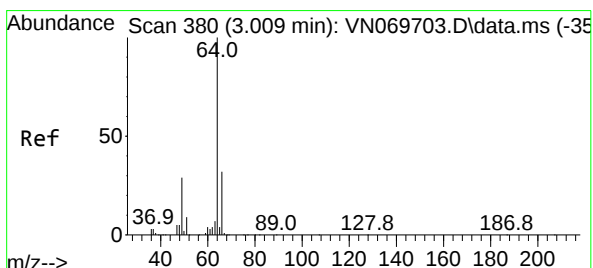
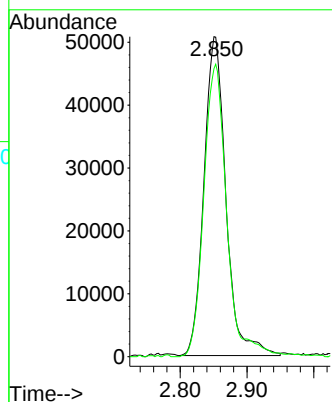
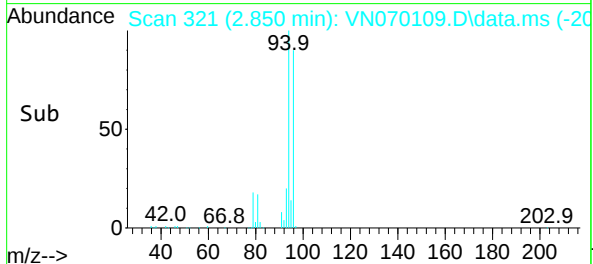
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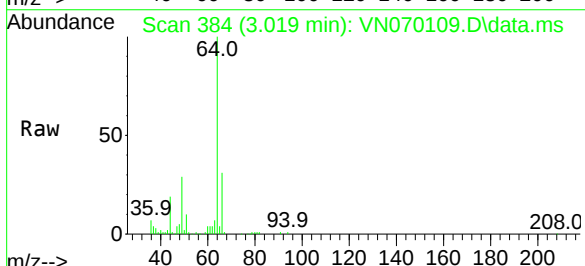
Tgt Ion: 94 Resp: 116320
Ion Ratio Lower Upper
94 100
96 90.3 73.8 110.8

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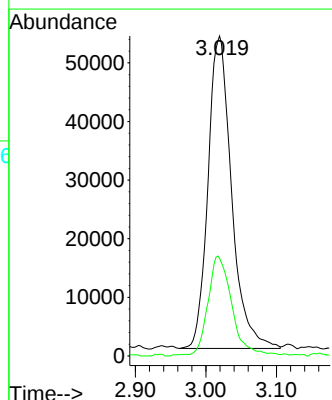
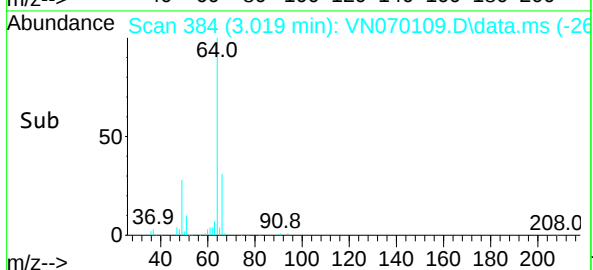
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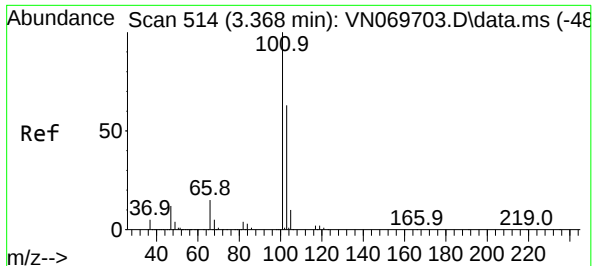


#6
Chloroethane
Concen: 16.909 ug/l
RT: 3.019 min Scan# 384
Delta R.T. 0.011 min
Lab File: VN070109.D
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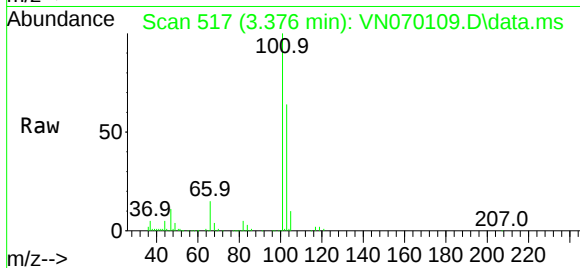
Tgt Ion: 64 Resp: 123650
Ion Ratio Lower Upper
64 100
66 30.9 26.3 39.5





#7
 Trichlorofluoromethane
 Concen: 16.735 ug/l
 RT: 3.376 min Scan# 514
 Delta R.T. 0.008 min
 Lab File: VN070109.D
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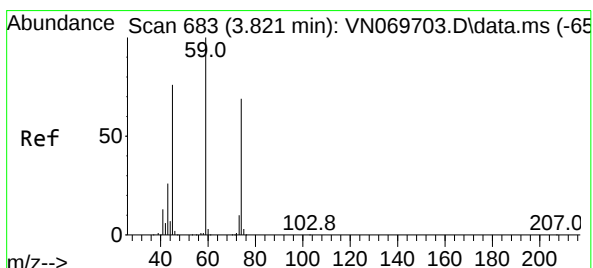
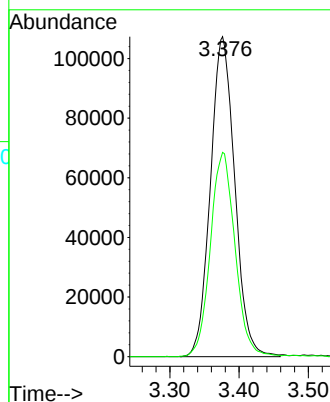
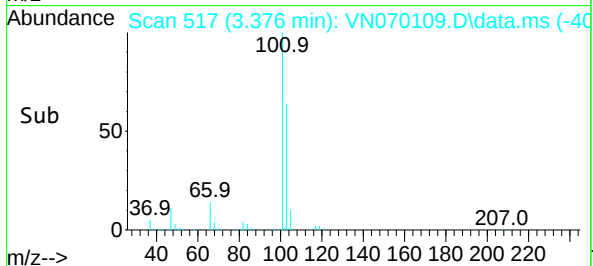
Instrument :
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Tgt Ion:101 Resp: 26209
 Ion Ratio Lower Upper
 101 100
 103 63.7 50.1 75.1

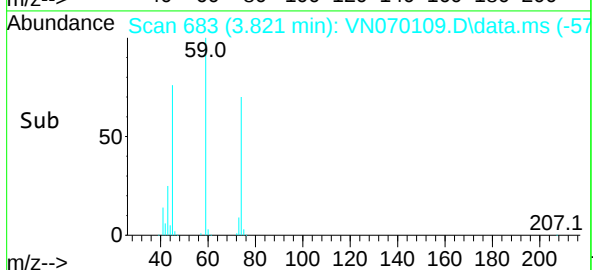
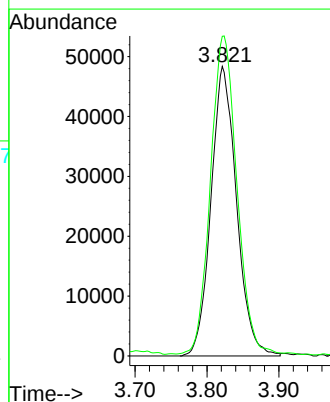
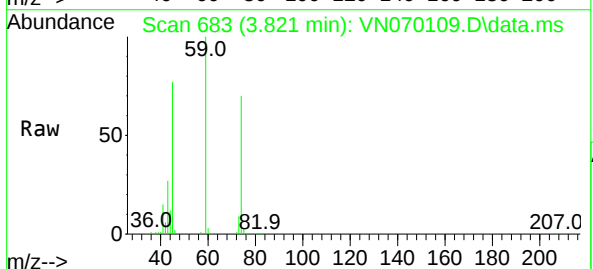
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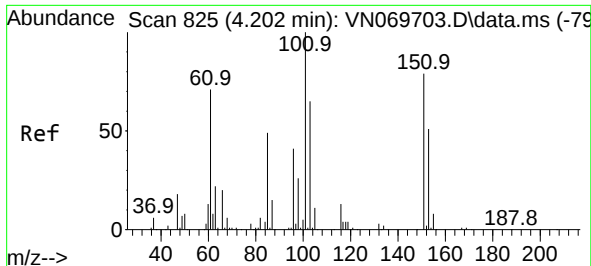
Reviewed By :John Carlone 12/16/2021
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#8
 Diethyl Ether
 Concen: 19.767 ug/l
 RT: 3.821 min Scan# 683
 Delta R.T. 0.000 min
 Lab File: VN070109.D
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Tgt Ion: 74 Resp: 119233
 Ion Ratio Lower Upper
 74 100
 45 113.1 47.0 141.2





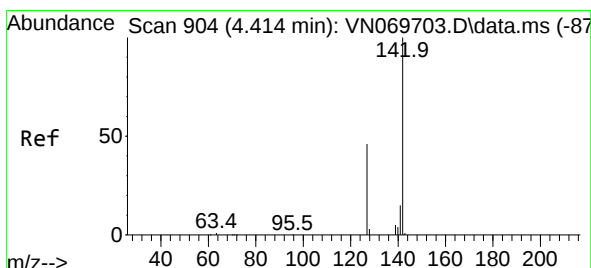
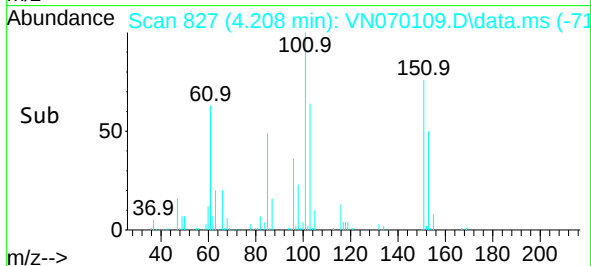
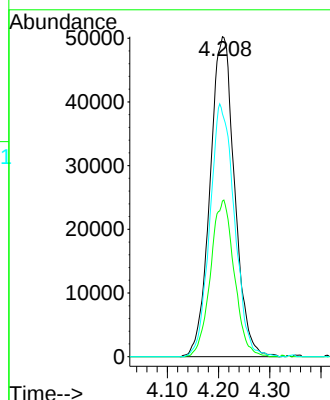
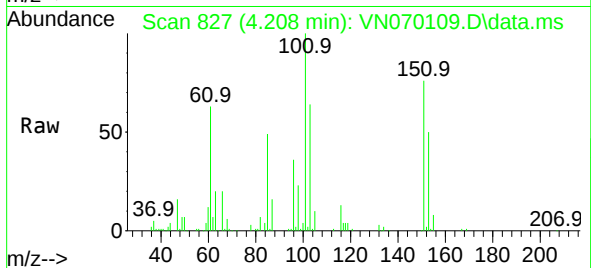
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.087 ug/l
RT: 4.208 min Scan# 81
Delta R.T. 0.006 min
Lab File: VN070109.D
Acq: 15 Dec 2021 14:11

Instrument :
MSVOA_N
ClientSampleId :
VN1215WBSD01

Tgt Ion:101 Resp: 16756
Ion Ratio Lower Upper
101 100
85 47.2 37.2 55.8
151 79.0 65.9 98.9

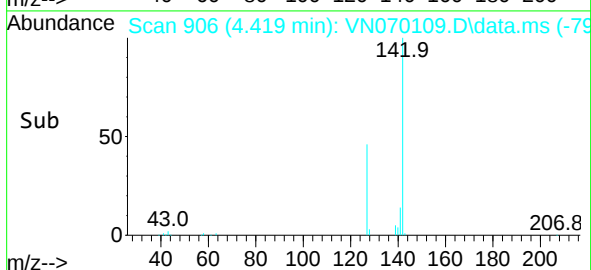
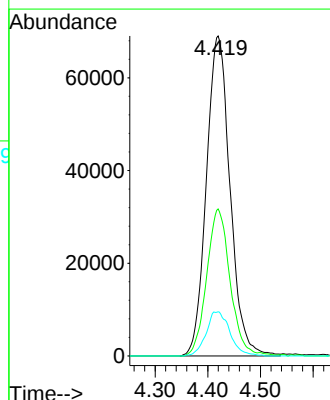
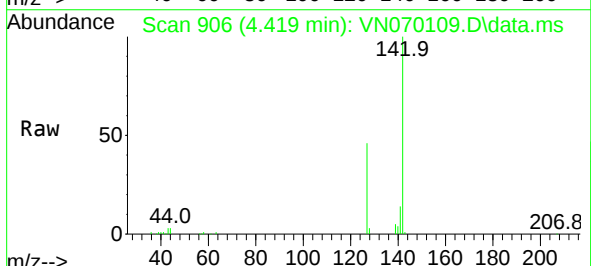
Manual Integrations
APPROVED

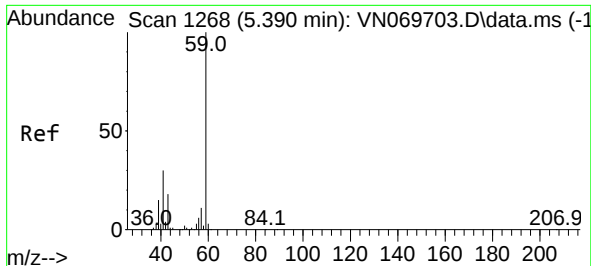
Reviewed By :John Carlone 12/16/2021
Supervised By :Amit Patel 12/16/2021



#10
Methyl Iodide
Concen: 17.987 ug/l
RT: 4.419 min Scan# 906
Delta R.T. 0.006 min
Lab File: VN070109.D
Acq: 15 Dec 2021 14:11

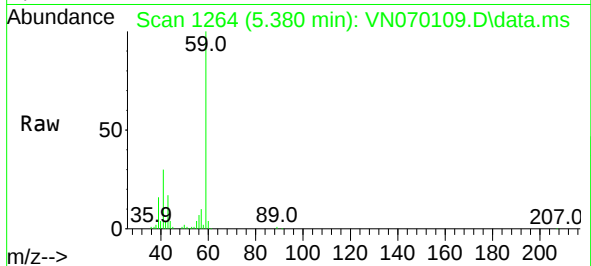
Tgt Ion:142 Resp: 215730
Ion Ratio Lower Upper
142 100
127 45.0 35.4 53.0
141 13.9 11.6 17.4





#11
Tert butyl alcohol
Concen: 84.451 ug/l
RT: 5.380 min Scan# 11
Delta R.T. -0.011 min
Lab File: VN070109.D
Acq: 15 Dec 2021 14:11

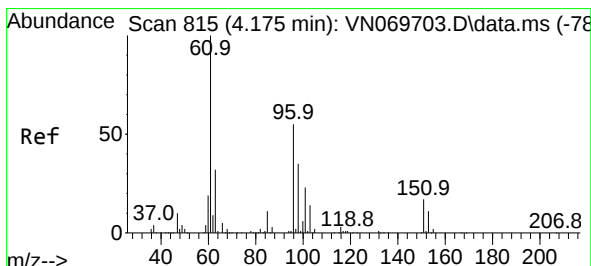
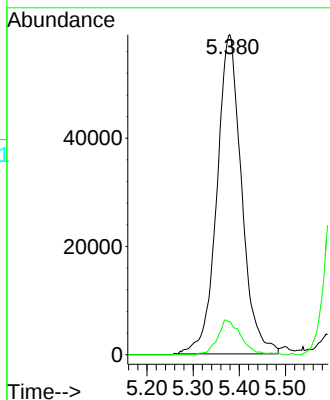
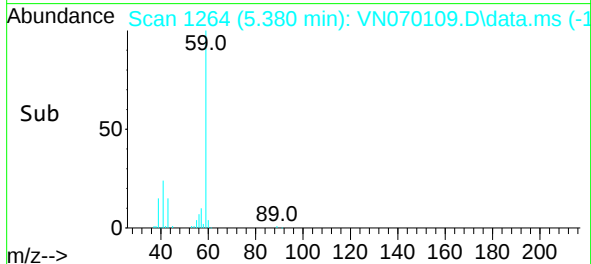
Instrument :
MSVOA_N
ClientSampleId :
VN1215WBSD01



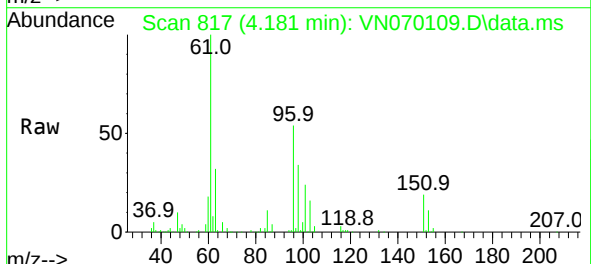
Tgt Ion: 59 Resp: 21890
Ion Ratio Lower Upper
59 100
57 10.2 8.7 13.1

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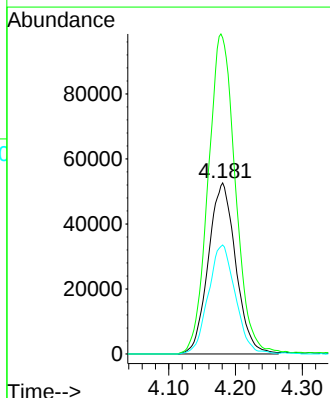
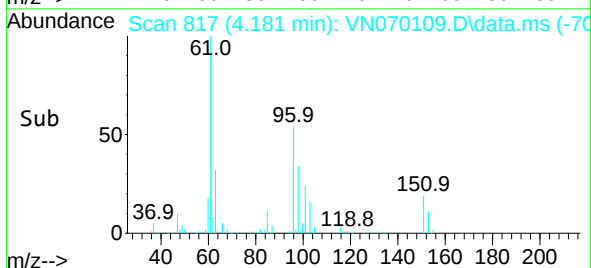
Reviewed By :John Carlone 12/16/2021
Supervised By :Amit Patel 12/16/2021



#12
1,1-Dichloroethene
Concen: 17.754 ug/l
RT: 4.181 min Scan# 817
Delta R.T. 0.005 min
Lab File: VN070109.D
Acq: 15 Dec 2021 14:11



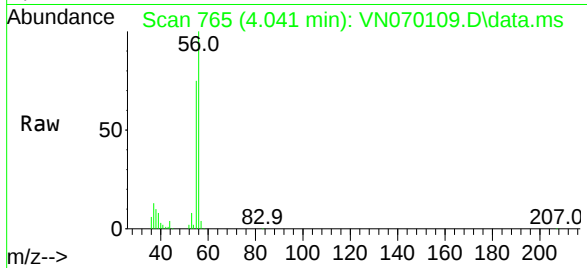
Tgt Ion: 96 Resp: 150196
Ion Ratio Lower Upper
96 100
61 184.8 131.0 196.6
98 63.7 52.4 78.6





#13
Acrolein
Concen: 72.523 ug/l
RT: 4.041 min Scan# 765
Delta R.T. 0.003 min
Lab File: VN070109.D
Acq: 15 Dec 2021 14:11

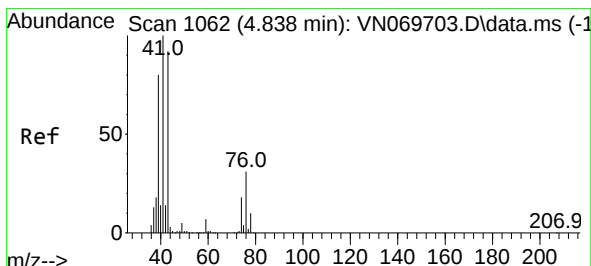
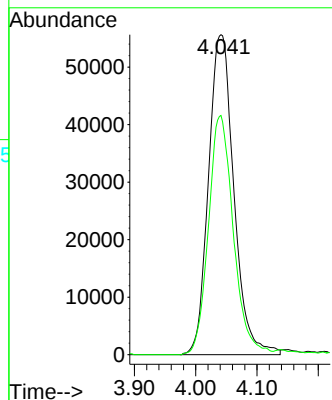
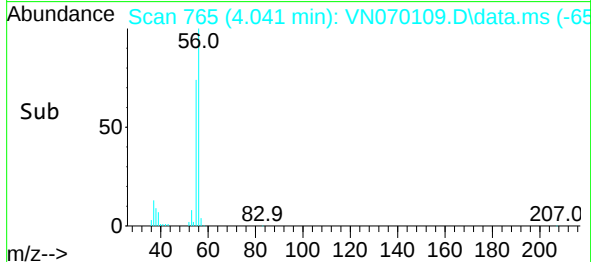
Instrument :
MSVOA_N
ClientSampleId :
VN1215WBSD01



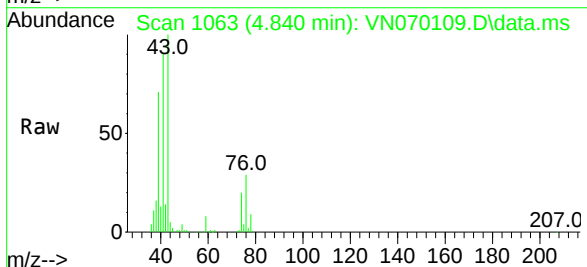
Tgt Ion: 56 Resp: 160089
Ion Ratio Lower Upper
56 100
55 73.3 56.6 85.0

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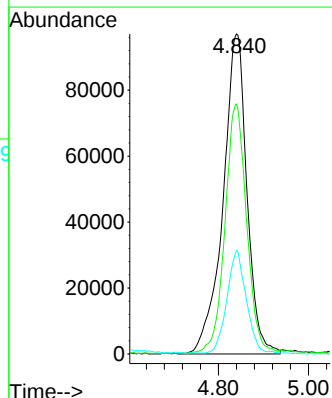
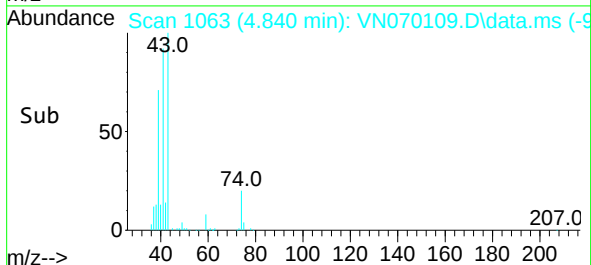
Reviewed By :John Carlone 12/16/2021
Supervised By :Amit Patel 12/16/2021

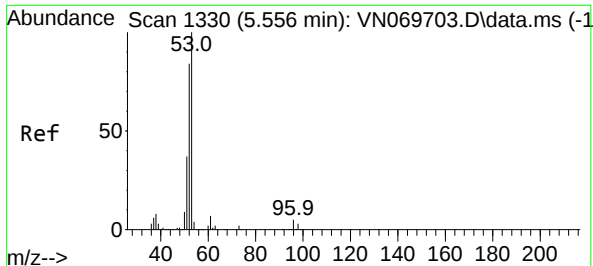


#14
Allyl chloride
Concen: 18.772 ug/l
RT: 4.840 min Scan# 1063
Delta R.T. 0.003 min
Lab File: VN070109.D
Acq: 15 Dec 2021 14:11



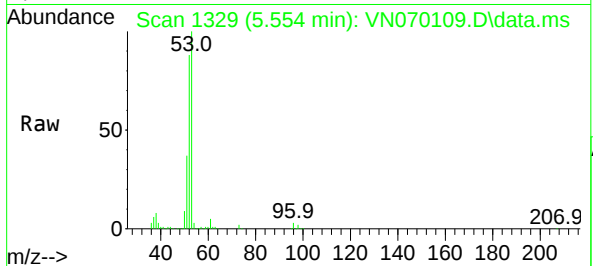
Tgt Ion: 41 Resp: 357854
Ion Ratio Lower Upper
41 100
39 71.0 61.2 91.8
76 25.6 26.0 39.0





#15
Acrylonitrile
Concen: 92.560 ug/l
RT: 5.554 min Scan# 11
Delta R.T. -0.003 min
Lab File: VN070109.D
Acq: 15 Dec 2021 14:11

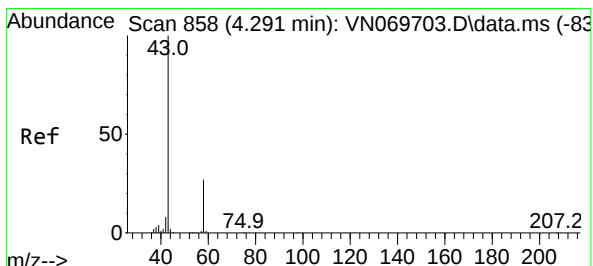
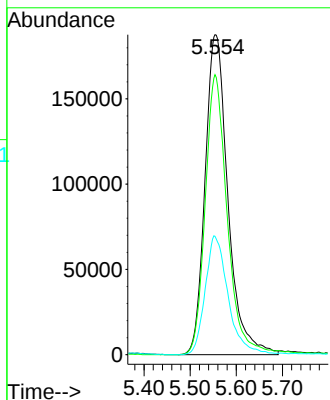
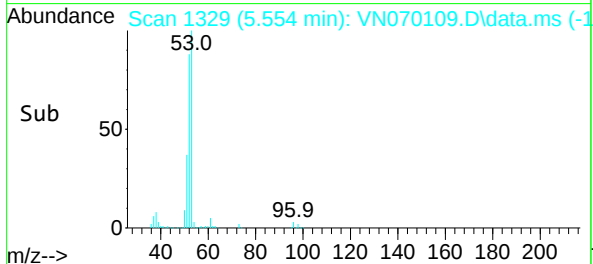
Instrument :
MSVOA_N
ClientSampleId :
VN1215WBSD01



Tgt Ion: 53 Resp: 64651
Ion Ratio Lower Upper
53 100
52 84.0 66.2 99.2
51 37.4 29.6 44.4

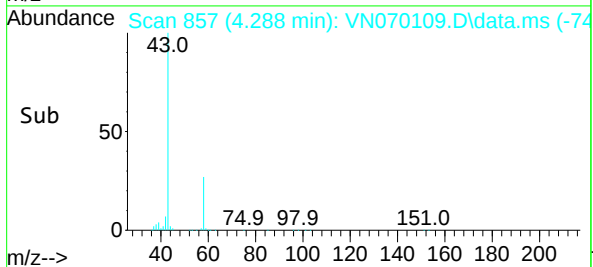
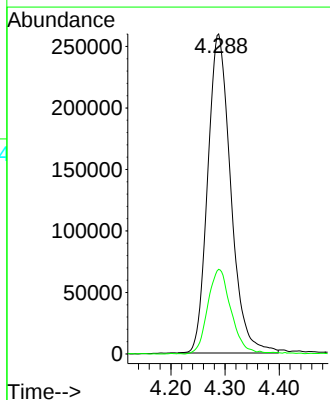
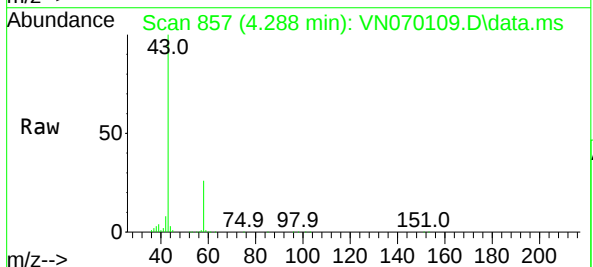
Manual Integrations
APPROVED

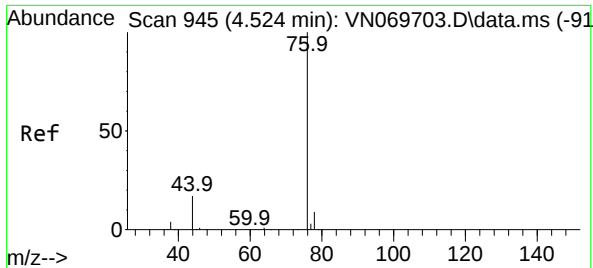
Reviewed By :John Carlone 12/16/2021
Supervised By :Amit Patel 12/16/2021



#16
Acetone
Concen: 92.832 ug/l
RT: 4.288 min Scan# 857
Delta R.T. -0.003 min
Lab File: VN070109.D
Acq: 15 Dec 2021 14:11

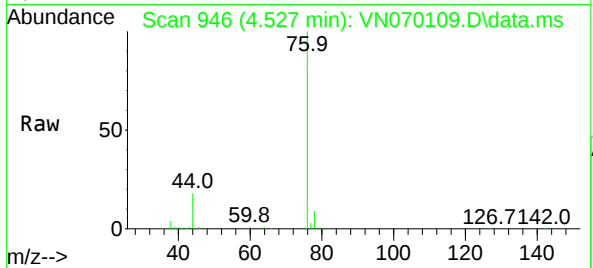
Tgt Ion: 43 Resp: 765779
Ion Ratio Lower Upper
43 100
58 26.4 23.1 34.7





#17
Carbon Disulfide
Concen: 15.288 ug/l
RT: 4.527 min Scan# 945
Delta R.T. 0.003 min
Lab File: VN070109.D
Acq: 15 Dec 2021 14:11

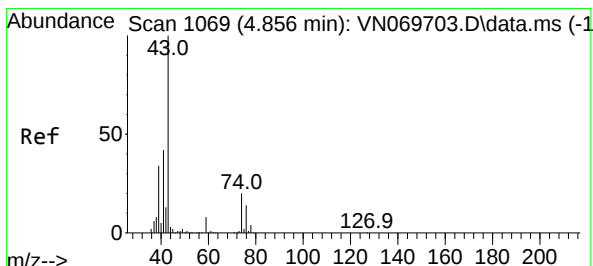
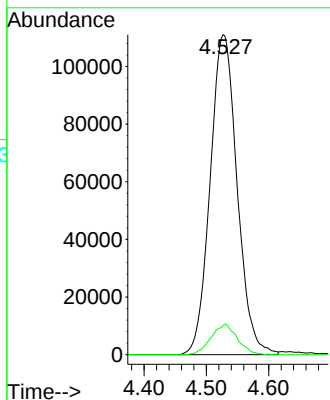
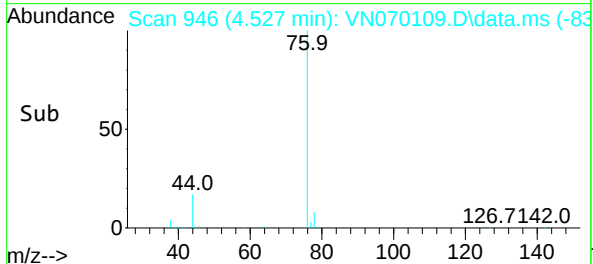
Instrument :
MSVOA_N
ClientSampleId :
VN1215WBSD01



Tgt Ion: 76 Resp: 334140
Ion Ratio Lower Upper
76 100
78 9.1 7.5 11.3

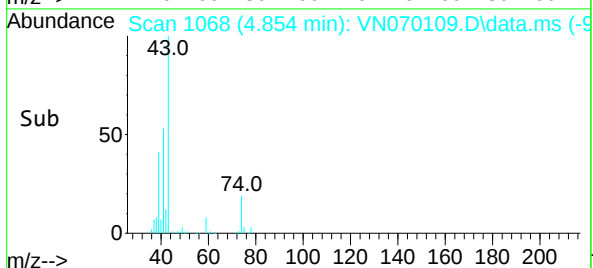
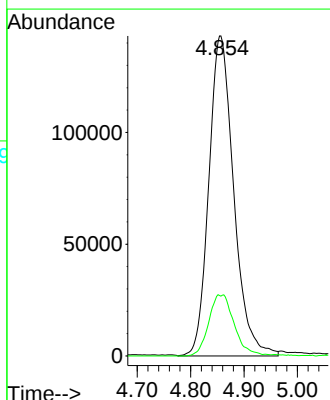
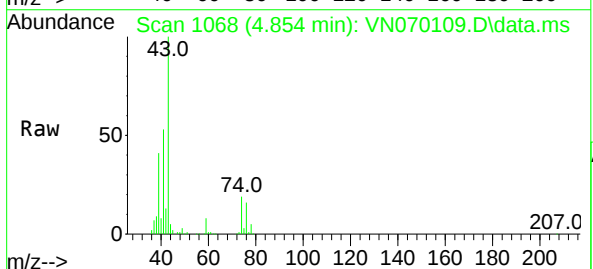
Manual Integrations
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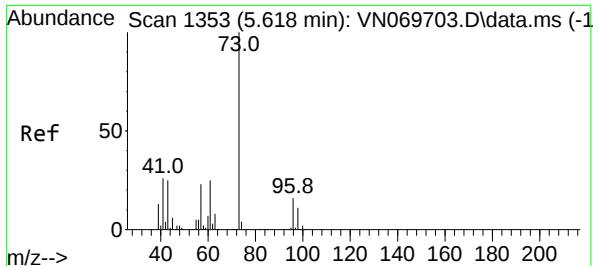
Reviewed By :John Carlone 12/16/2021
Supervised By :Amit Patel 12/16/2021



#18
Methyl Acetate
Concen: 18.646 ug/l
RT: 4.854 min Scan# 1068
Delta R.T. -0.003 min
Lab File: VN070109.D
Acq: 15 Dec 2021 14:11

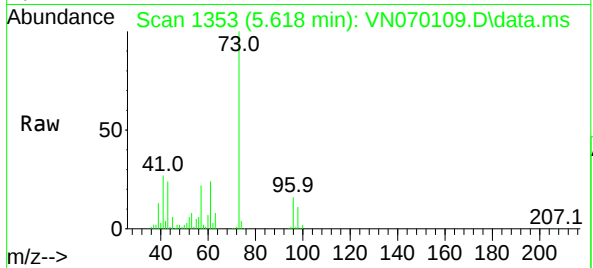
Tgt Ion: 43 Resp: 464279
Ion Ratio Lower Upper
43 100
74 9.6 19.4 29.2#





#19
Methyl tert-butyl Ether
Concen: 20.004 ug/l
RT: 5.618 min Scan# 1156
Delta R.T. 0.000 min
Lab File: VN070109.D
Acq: 15 Dec 2021 14:11

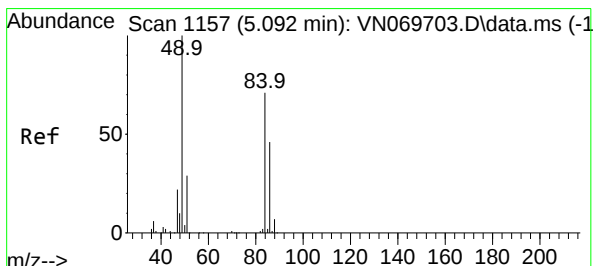
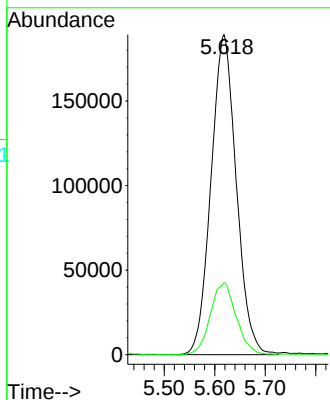
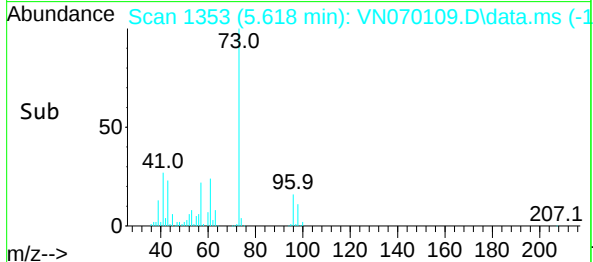
Instrument :
MSVOA_N
ClientSampleId :
VN1215WBSD01



Tgt Ion: 73 Resp: 658040
Ion Ratio Lower Upper
73 100
57 22.5 16.8 25.2

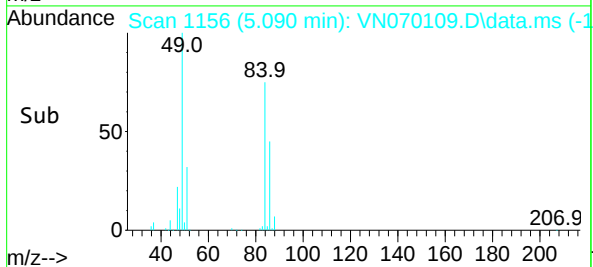
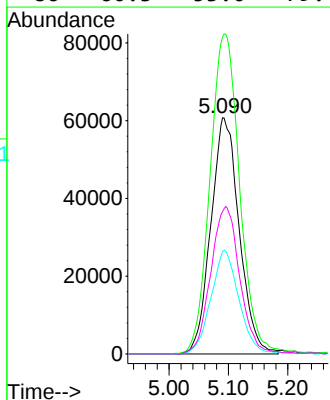
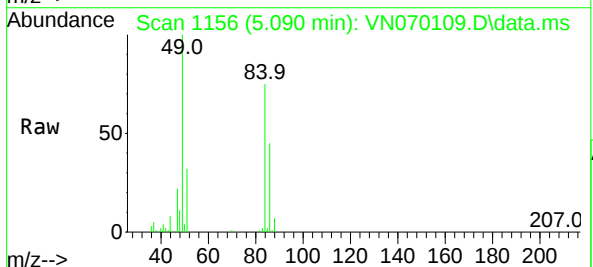
Manual Integrations
APPROVED

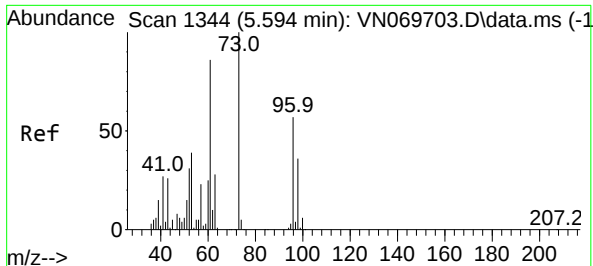
Reviewed By :John Carlone 12/16/2021
Supervised By :Amit Patel 12/16/2021



#20
Methylene Chloride
Concen: 18.383 ug/l
RT: 5.090 min Scan# 1156
Delta R.T. -0.003 min
Lab File: VN070109.D
Acq: 15 Dec 2021 14:11

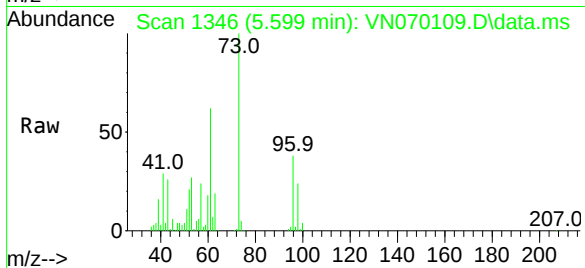
Tgt Ion: 84 Resp: 201586
Ion Ratio Lower Upper
84 100
49 133.8 93.5 140.3
51 43.3 29.4 44.2
86 60.3 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 17.984 ug/l
RT: 5.599 min Scan# 11
Delta R.T. 0.005 min
Lab File: VN070109.D
Acq: 15 Dec 2021 14:11

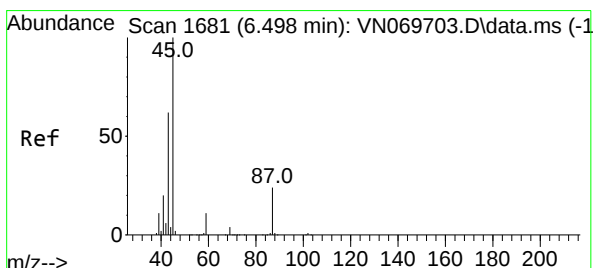
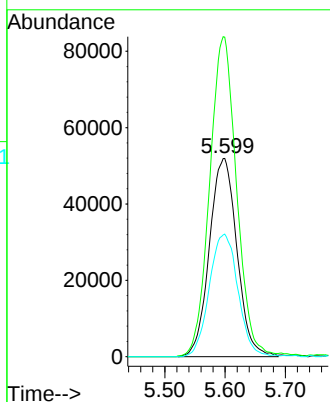
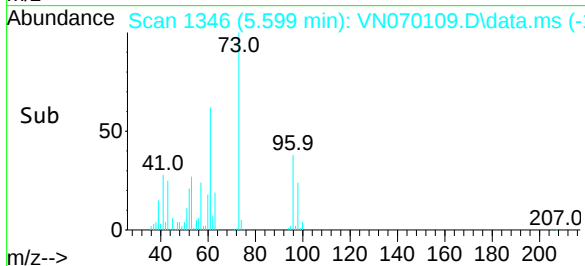
Instrument :
MSVOA_N
ClientSampleId :
VN1215WBSD01



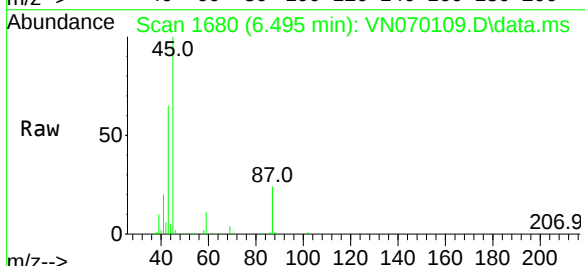
Tgt Ion: 96 Resp: 165250
Ion Ratio Lower Upper
96 100
61 160.8 105.8 158.6
98 61.8 52.0 78.0

Manual Integrations
APPROVED

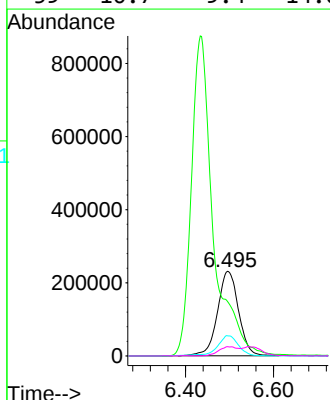
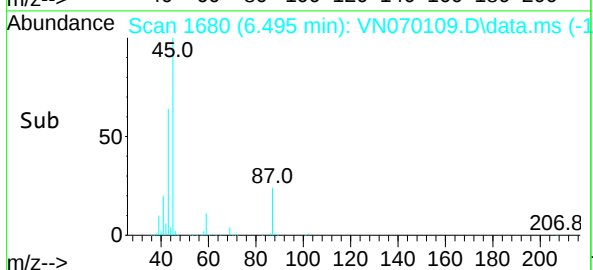
Reviewed By :John Carlone 12/16/2021
Supervised By :Amit Patel 12/16/2021

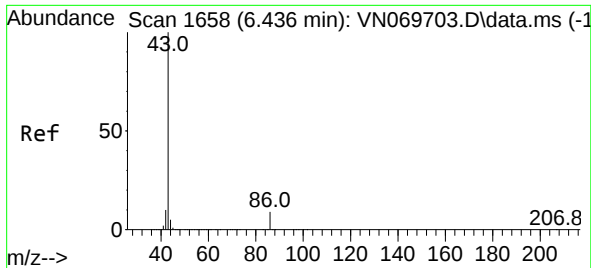


#22
Diisopropyl ether
Concen: 20.643 ug/l
RT: 6.495 min Scan# 1680
Delta R.T. -0.003 min
Lab File: VN070109.D
Acq: 15 Dec 2021 14:11



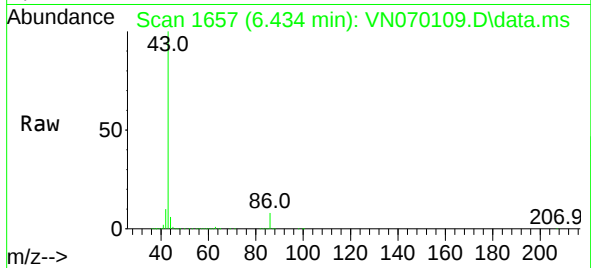
Tgt Ion: 45 Resp: 769175
Ion Ratio Lower Upper
45 100
43 62.7 51.7 77.5
87 23.7 23.2 34.8
59 10.7 9.4 14.0





#23
 Vinyl Acetate
 Concen: 99.535 ug/l
 RT: 6.434 min Scan# 1657
 Delta R.T. -0.003 min
 Lab File: VN070109.D
 Acq: 15 Dec 2021 14:11

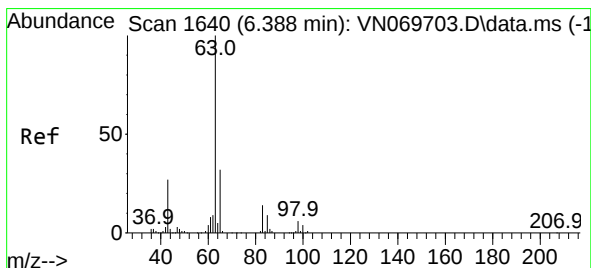
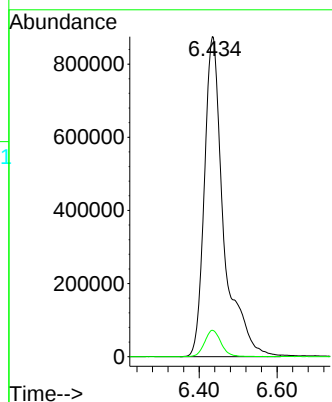
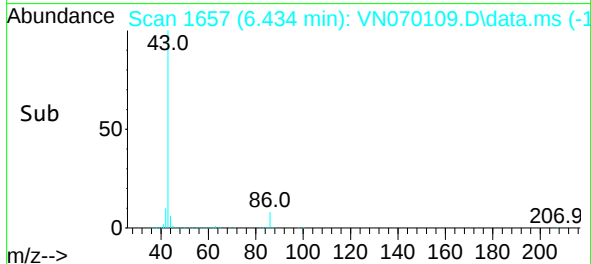
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1215WBSD01



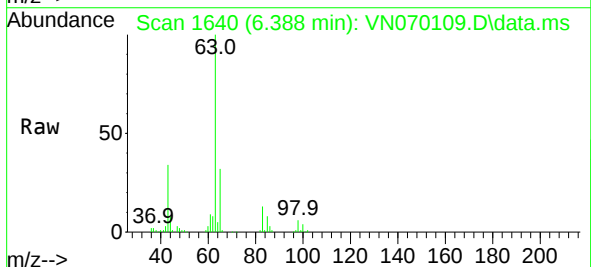
Tgt Ion: 43 Resp: 301729
 Ion Ratio Lower Upper
 43 100
 86 8.3 8.5 12.7

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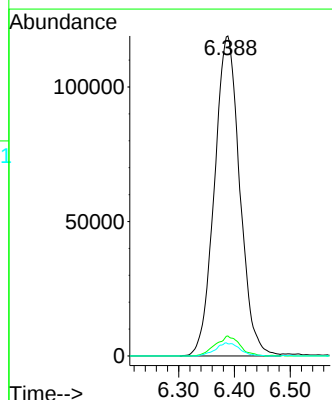
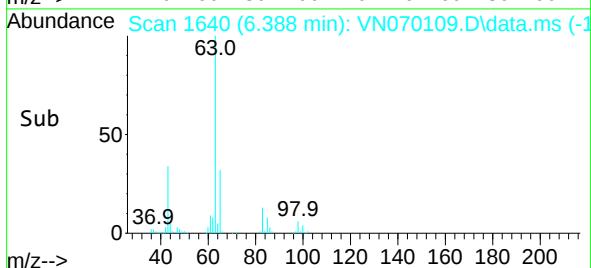
Reviewed By :John Carlone 12/16/2021
 Supervised By :Amit Patel 12/16/2021



#24
 1,1-Dichloroethane
 Concen: 19.400 ug/l
 RT: 6.388 min Scan# 1640
 Delta R.T. 0.000 min
 Lab File: VN070109.D
 Acq: 15 Dec 2021 14:11



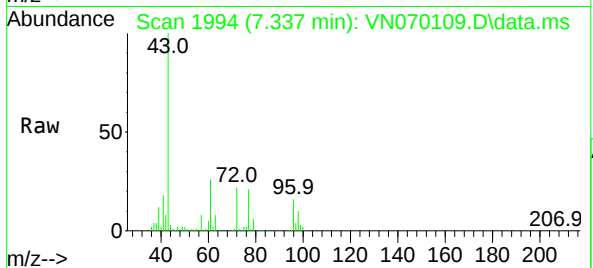
Tgt Ion: 63 Resp: 374448
 Ion Ratio Lower Upper
 63 100
 98 6.2 3.3 9.9
 100 3.8 2.1 6.5





#25
2-Butanone
Concen: 89.796 ug/l
RT: 7.337 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VN070109.D
Acq: 15 Dec 2021 14:11

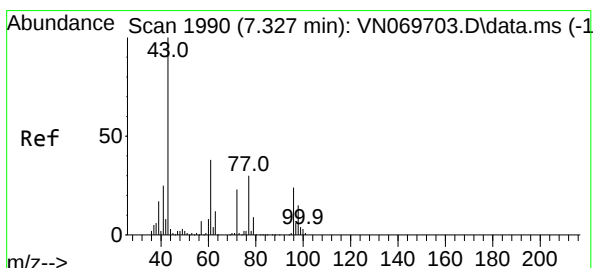
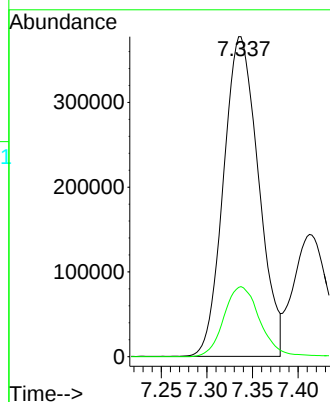
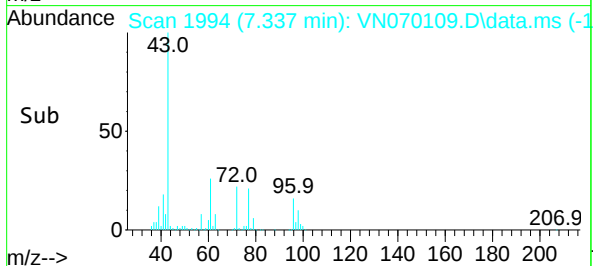
Instrument :
MSVOA_N
ClientSampleId :
VN1215WBSD01



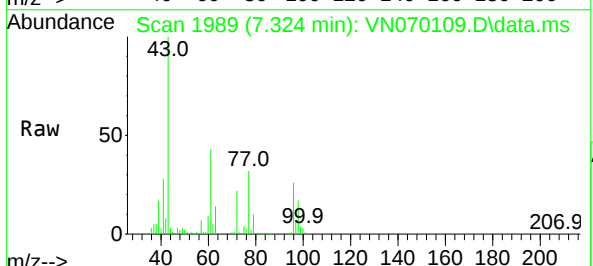
Tgt Ion: 43 Resp: 1006440
Ion Ratio Lower Upper
43 100
72 21.9 21.7 32.5

Manual Integrations
APPROVED

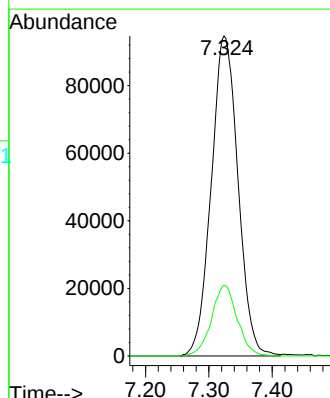
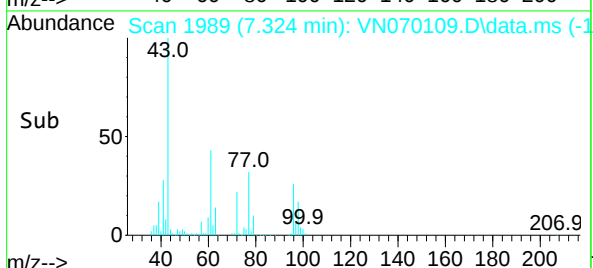
Reviewed By :John Carlone 12/16/2021
Supervised By :Amit Patel 12/16/2021



#26
2,2-Dichloropropane
Concen: 18.515 ug/l
RT: 7.324 min Scan# 1989
Delta R.T. -0.003 min
Lab File: VN070109.D
Acq: 15 Dec 2021 14:11



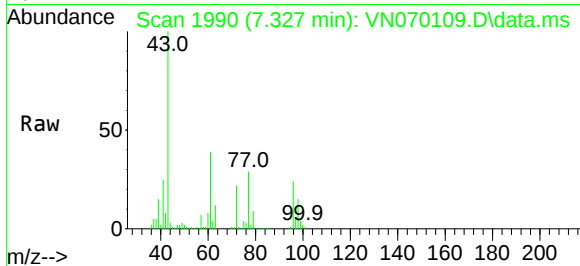
Tgt Ion: 77 Resp: 277851
Ion Ratio Lower Upper
77 100
97 21.3 11.6 34.8





#27
 cis-1,2-Dichloroethene
 Concen: 18.769 ug/l
 RT: 7.327 min Scan# 1990
 Delta R.T. 0.000 min
 Lab File: VN070109.D
 Acq: 15 Dec 2021 14:11

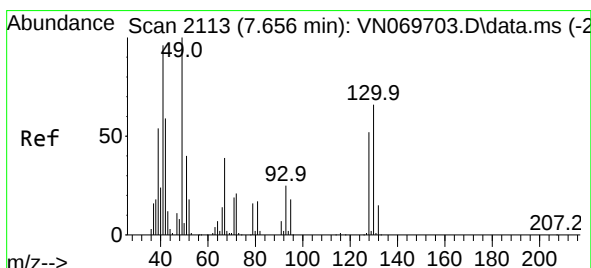
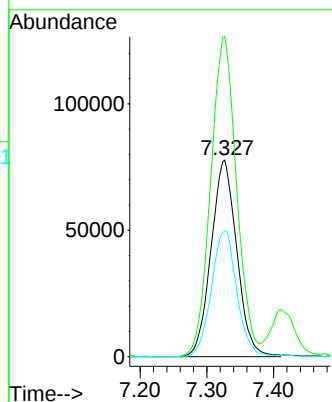
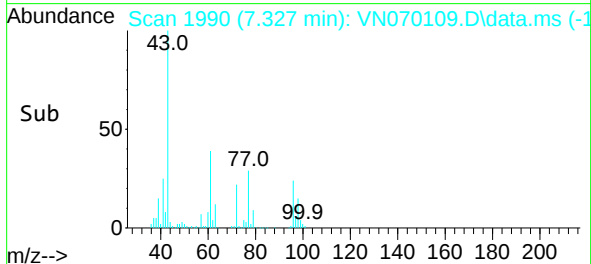
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1215WBSD01



Tgt Ion: 96 Resp: 208370
 Ion Ratio Lower Upper
 96 100
 61 163.4 0.0 275.0
 98 63.6 0.0 129.6

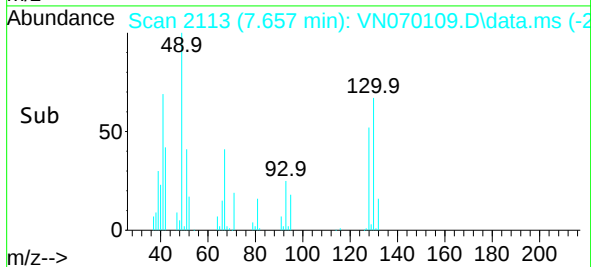
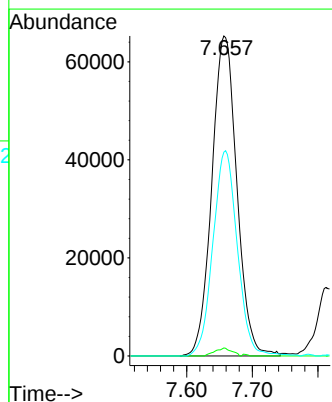
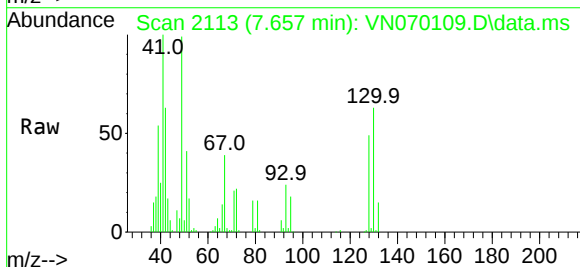
Manual Integrations
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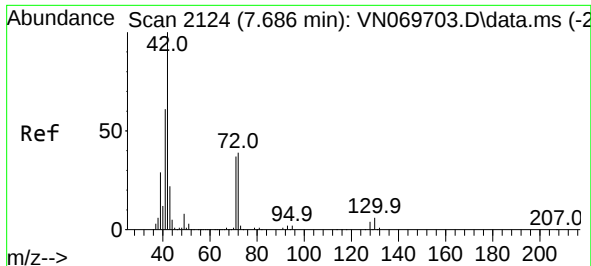
Reviewed By :John Carlone 12/16/2021
 Supervised By :Amit Patel 12/16/2021



#28
 Bromochloromethane
 Concen: 17.256 ug/l
 RT: 7.657 min Scan# 2113
 Delta R.T. 0.000 min
 Lab File: VN070109.D
 Acq: 15 Dec 2021 14:11

Tgt Ion: 49 Resp: 173195
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 4.0
 130 62.6 67.8 101.8#





#29

Tetrahydrofuran

Concen: 90.772 ug/l

RT: 7.686 min Scan# 2124

Delta R.T. 0.000 min

Lab File: VN070109.D

Acq: 15 Dec 2021 14:11

Instrument :

MSVOA_N

ClientSampleId :

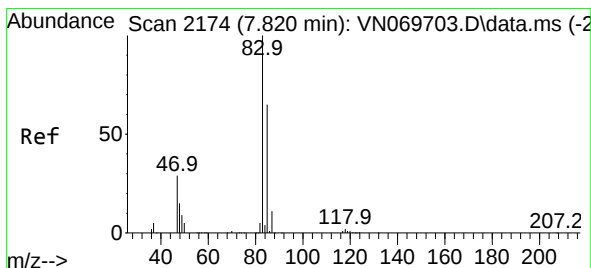
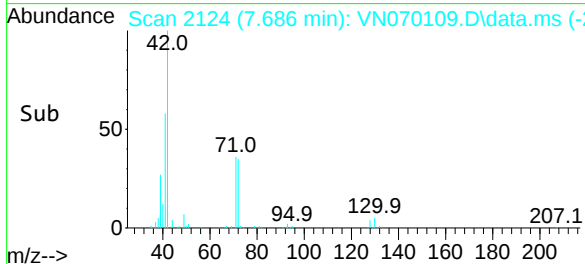
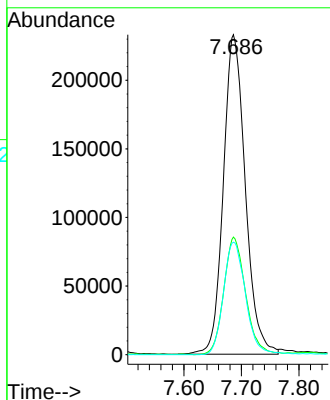
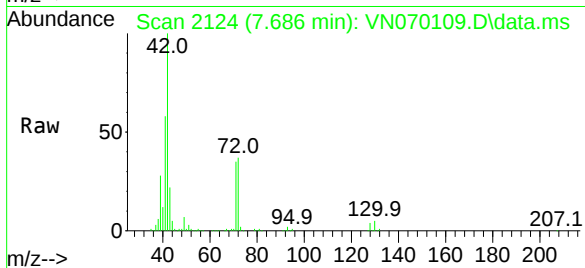
VN1215WBSD01

Tgt Ion: 42 Resp: 61777

Ion	Ratio	Lower	Upper
42	100		
72	36.8	36.3	54.5
71	35.6	34.7	52.1

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



#30

Chloroform

Concen: 19.275 ug/l

RT: 7.817 min Scan# 2173

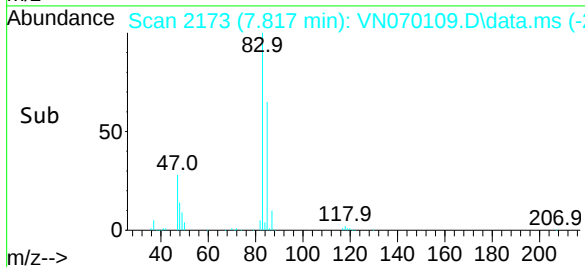
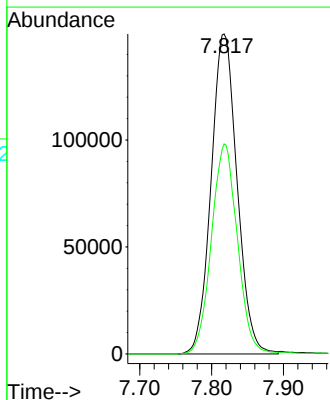
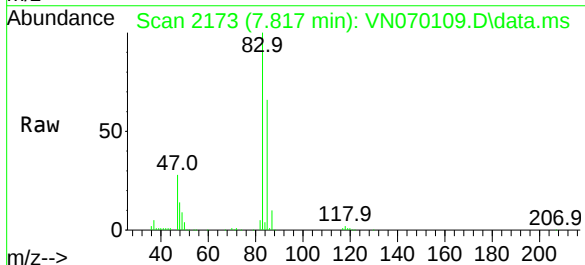
Delta R.T. -0.003 min

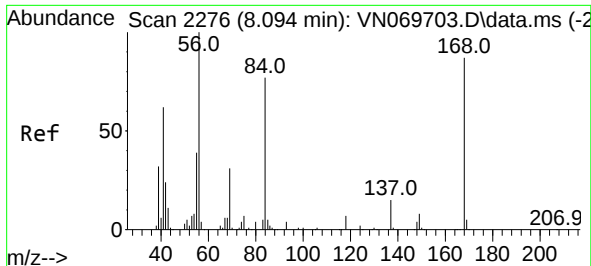
Lab File: VN070109.D

Acq: 15 Dec 2021 14:11

Tgt Ion: 83 Resp: 375726

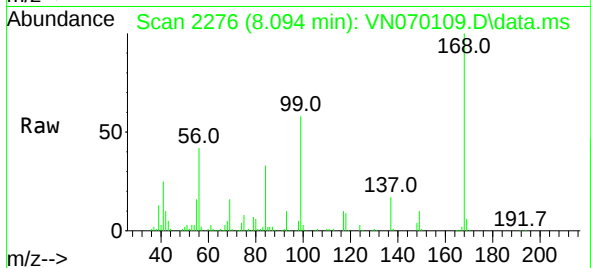
Ion	Ratio	Lower	Upper
83	100		
85	65.7	51.9	77.9





#31
Cyclohexane
Concen: 18.502 ug/l
RT: 8.094 min Scan# 2276
Delta R.T. 0.000 min
Lab File: VN070109.D
Acq: 15 Dec 2021 14:11

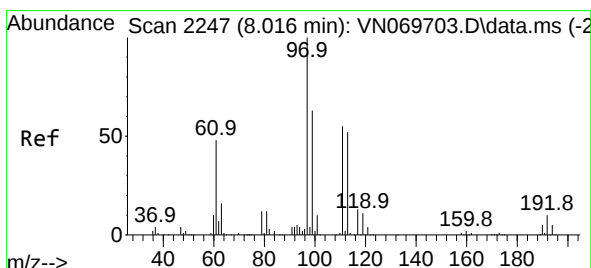
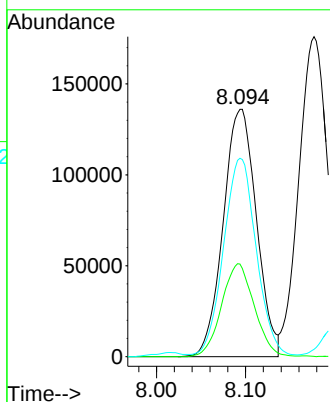
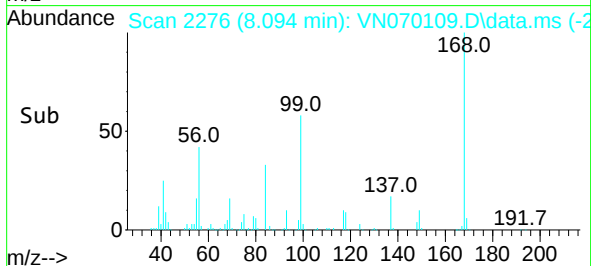
Instrument :
MSVOA_N
ClientSampleId :
VN1215WBSD01



Tgt Ion: 56 Resp: 353090
Ion Ratio Lower Upper
56 100
69 37.4 27.1 40.7
84 78.8 73.4 110.0

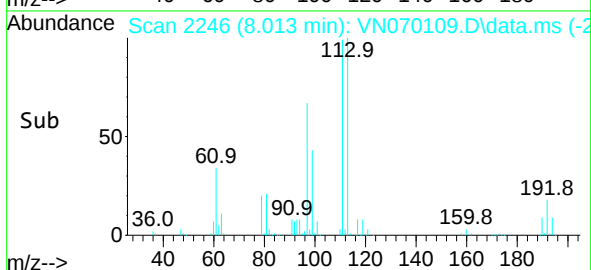
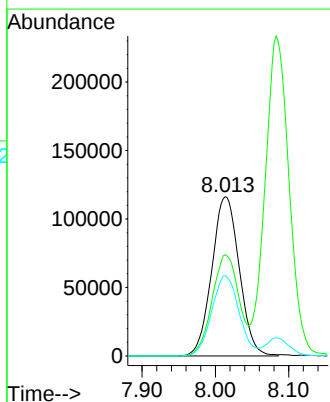
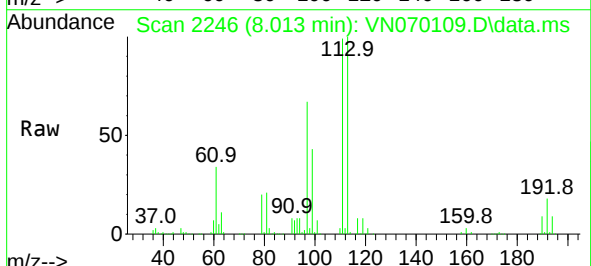
Manual Integrations
APPROVED

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



#32
1,1,1-Trichloroethane
Concen: 18.249 ug/l
RT: 8.013 min Scan# 2246
Delta R.T. -0.003 min
Lab File: VN070109.D
Acq: 15 Dec 2021 14:11

Tgt Ion: 97 Resp: 303013
Ion Ratio Lower Upper
97 100
99 62.0 50.1 75.1
61 50.4 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 51.038 ug/l

RT: 8.437 min Scan# 2404

Delta R.T. 0.000 min

Lab File: VN070109.D

Acq: 15 Dec 2021 14:11

Instrument :

MSVOA_N

ClientSampleId :

VN1215WBSD01

Tgt Ion: 65 Resp: 69988

Ion Ratio Lower Upper

65 100

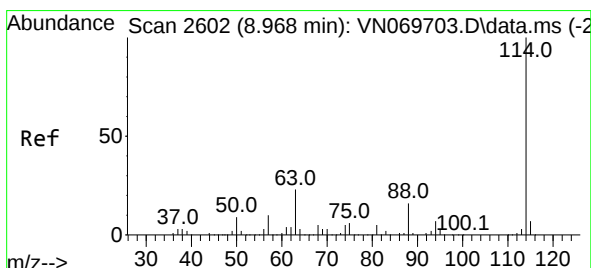
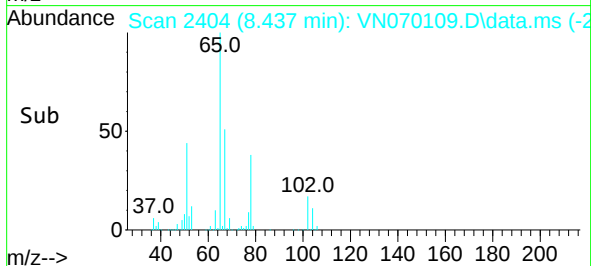
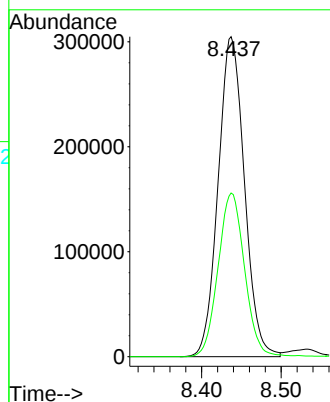
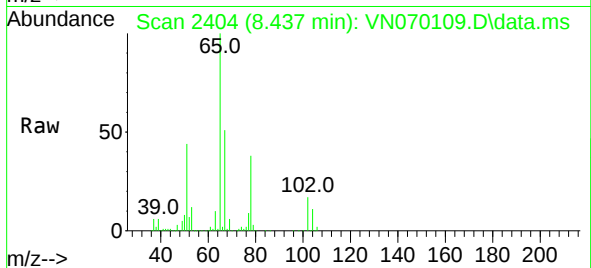
67 51.5 0.0 103.0

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: VN070109.D

Acq: 15 Dec 2021 14:11

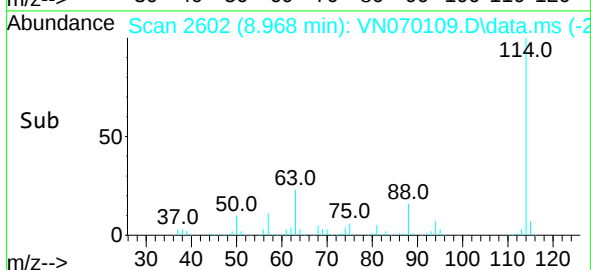
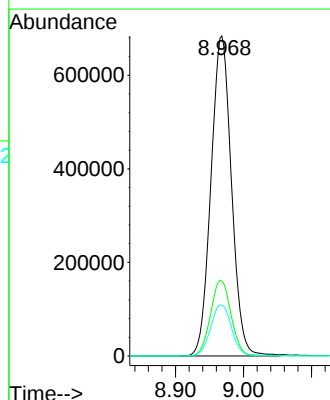
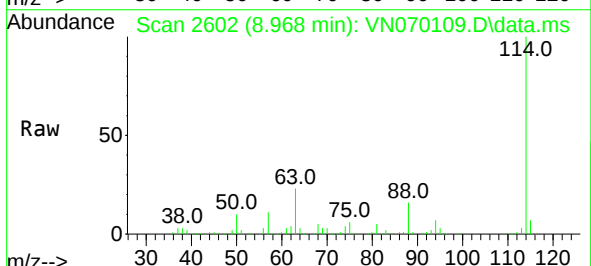
Tgt Ion:114 Resp: 1433315

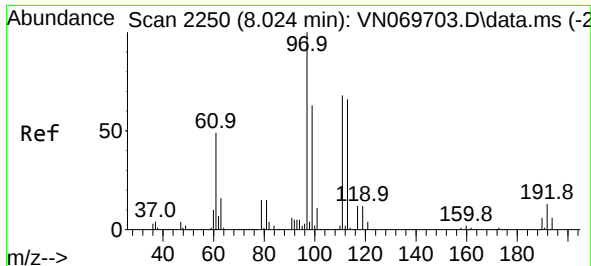
Ion Ratio Lower Upper

114 100

63 23.4 0.0 37.8

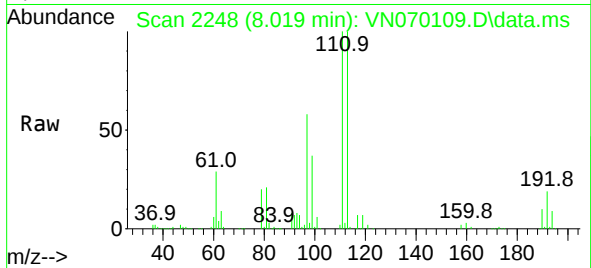
88 15.9 0.0 27.4





#35
Dibromofluoromethane
Concen: 52.171 ug/l
RT: 8.019 min Scan# 2248
Delta R.T. -0.005 min
Lab File: VN070109.D
Acq: 15 Dec 2021 14:11

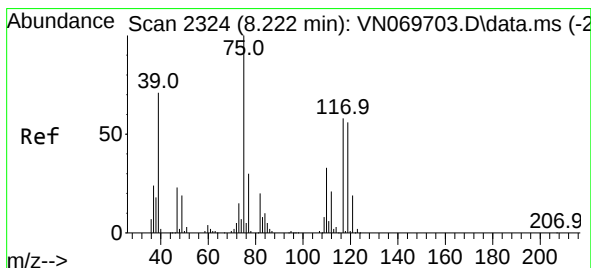
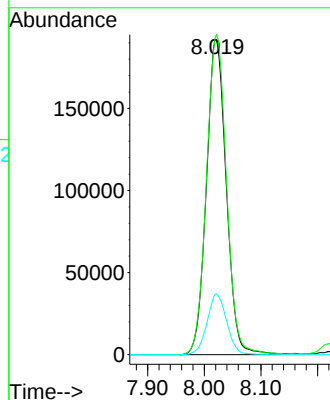
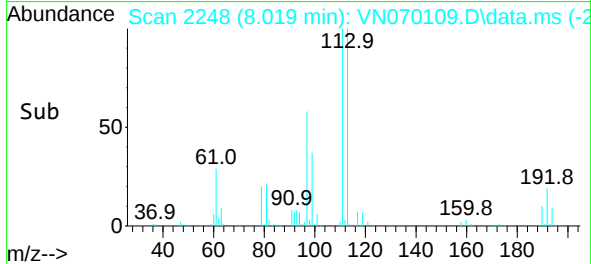
Instrument :
MSVOA_N
ClientSampleId :
VN1215WBSD01



Tgt Ion:113 Resp: 468389
Ion Ratio Lower Upper
113 100
111 102.8 82.2 123.2
192 19.1 16.9 25.3

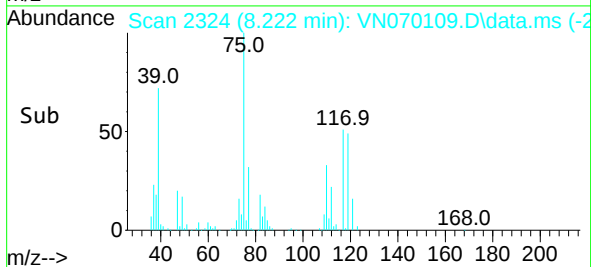
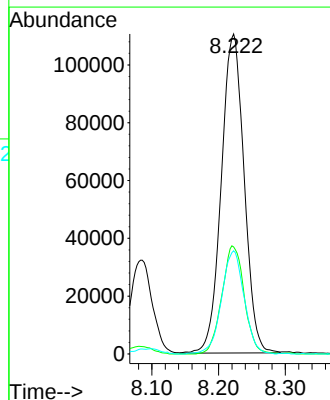
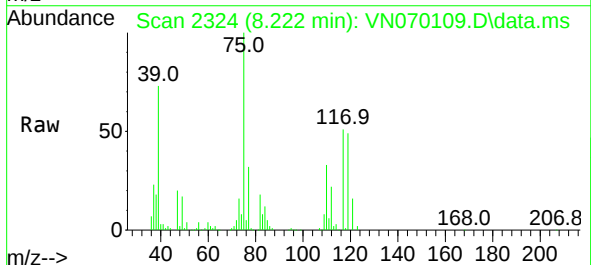
Manual Integrations
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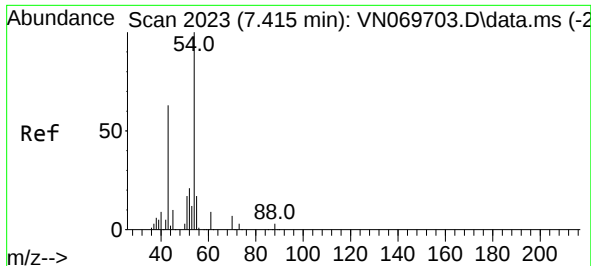
Reviewed By :John Carlone 12/16/2021
Supervised By :Amit Patel 12/16/2021



#36
1,1-Dichloropropene
Concen: 19.196 ug/l
RT: 8.222 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VN070109.D
Acq: 15 Dec 2021 14:11

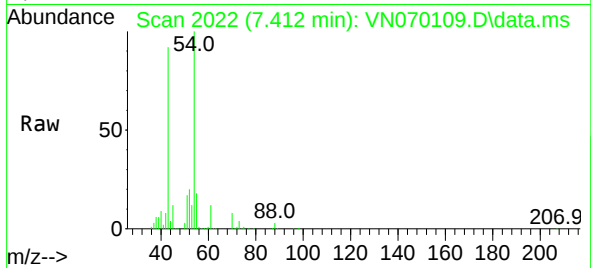
Tgt Ion: 75 Resp: 261927
Ion Ratio Lower Upper
75 100
110 33.2 18.4 55.2
77 32.2 24.4 36.6





#37
Ethyl Acetate
Concen: 18.836 ug/l
RT: 7.412 min Scan# 2023
Delta R.T. -0.003 min
Lab File: VN070109.D
Acq: 15 Dec 2021 14:11

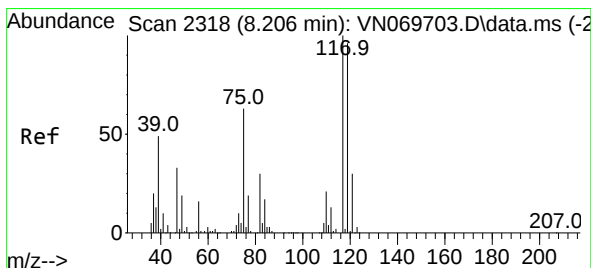
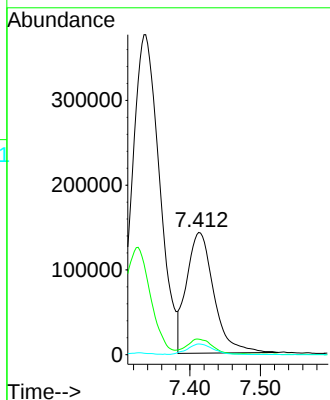
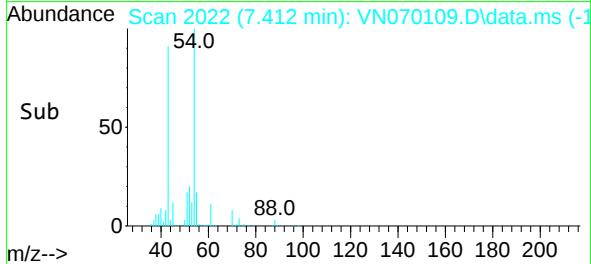
Instrument :
MSVOA_N
ClientSampleId :
VN1215WBSD01



Tgt Ion: 43 Resp: 382520
Ion Ratio Lower Upper
43 100
61 11.3 11.5 17.3
70 8.2 7.9 11.9

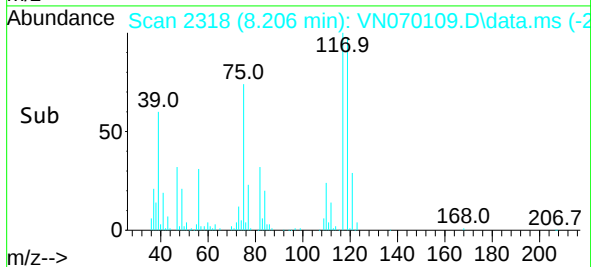
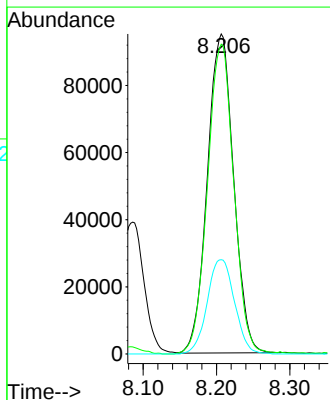
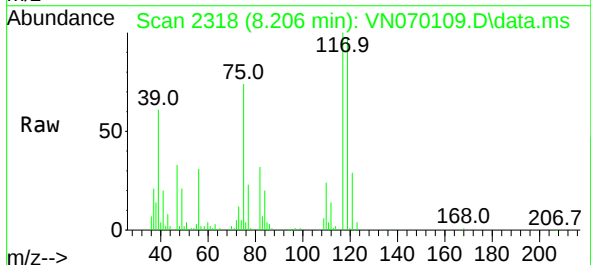
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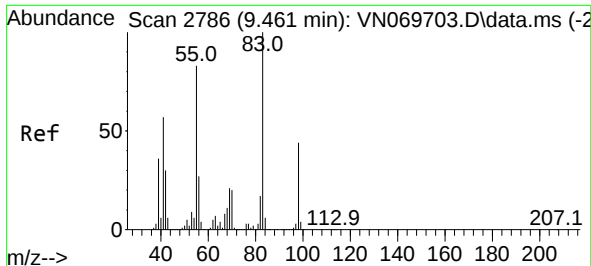
Reviewed By :John Carlone 12/16/2021
Supervised By :Amit Patel 12/16/2021



#38
Carbon Tetrachloride
Concen: 17.729 ug/l
RT: 8.206 min Scan# 2318
Delta R.T. 0.000 min
Lab File: VN070109.D
Acq: 15 Dec 2021 14:11

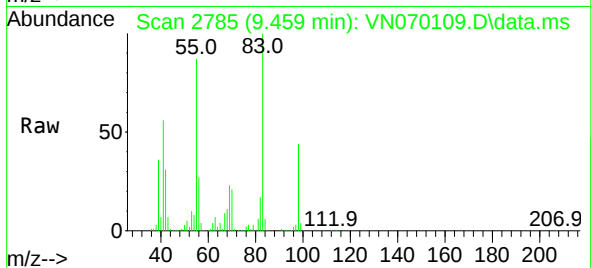
Tgt Ion:117 Resp: 237225
Ion Ratio Lower Upper
117 100
119 96.9 76.1 114.1
121 29.6 24.2 36.2





#39
Methylcyclohexane
Concen: 18.764 ug/l
RT: 9.459 min Scan# 21
Delta R.T. -0.003 min
Lab File: VN070109.D
Acq: 15 Dec 2021 14:11

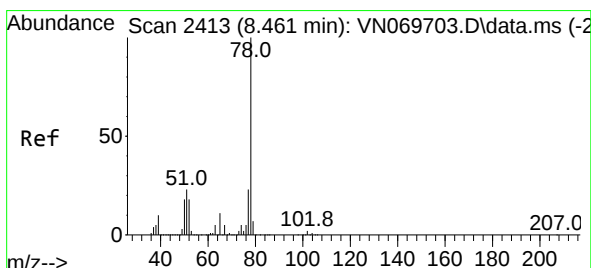
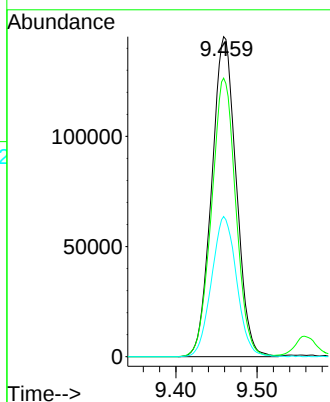
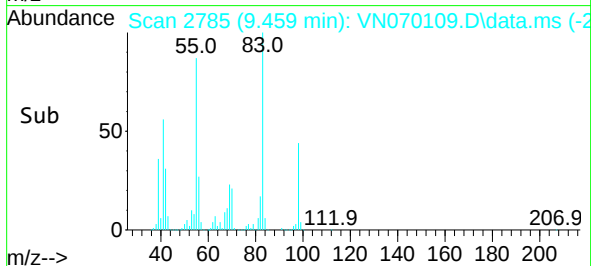
Instrument :
MSVOA_N
ClientSampleId :
VN1215WBSD01



Tgt Ion: 83 Resp: 30454
Ion Ratio Lower Upper
83 100
55 87.1 58.1 87.1
98 43.8 38.4 57.6

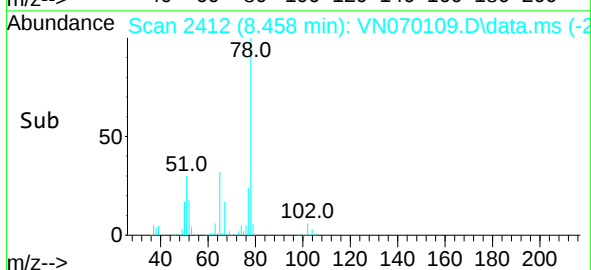
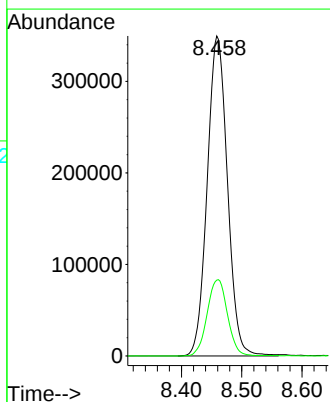
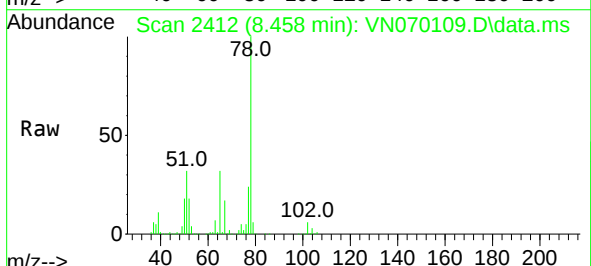
Manual Integrations
APPROVED

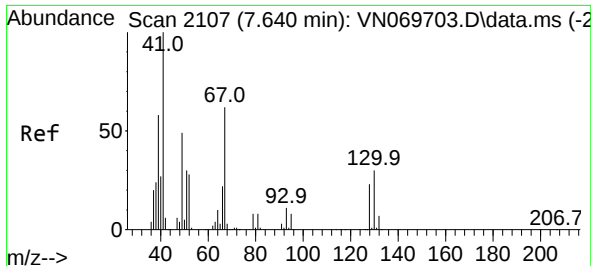
Reviewed By :John Carlone 12/16/2021
Supervised By :Amit Patel 12/16/2021



#40
Benzene
Concen: 19.520 ug/l
RT: 8.458 min Scan# 2412
Delta R.T. -0.003 min
Lab File: VN070109.D
Acq: 15 Dec 2021 14:11

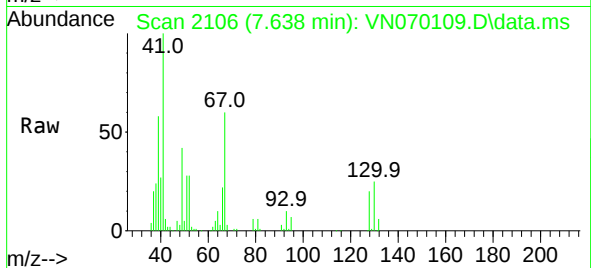
Tgt Ion: 78 Resp: 814128
Ion Ratio Lower Upper
78 100
77 23.7 18.6 27.8





#41
Methacrylonitrile
Concen: 19.647 ug/l
RT: 7.638 min Scan# 2106
Delta R.T. -0.002 min
Lab File: VN070109.D
Acq: 15 Dec 2021 14:11

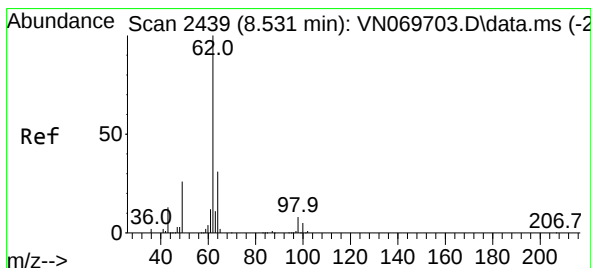
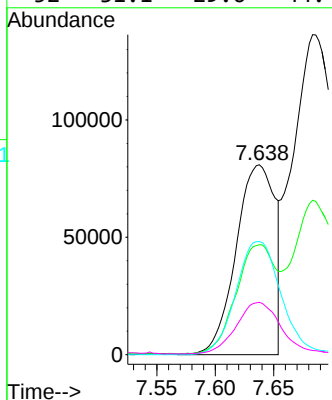
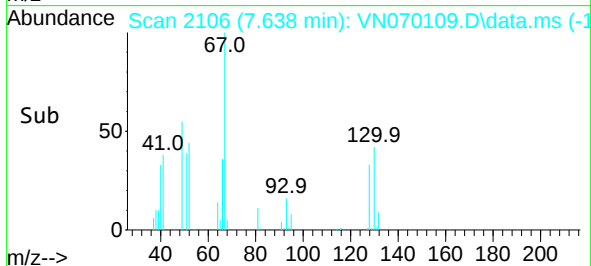
Instrument :
MSVOA_N
ClientSampleId :
VN1215WBSD01



Tgt Ion: 41 Resp: 187302
Ion Ratio Lower Upper
41 100
39 59.9 48.1 72.1
67 70.0 68.3 102.5
52 31.1 29.6 44.4

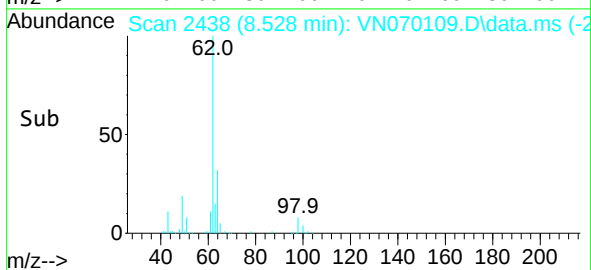
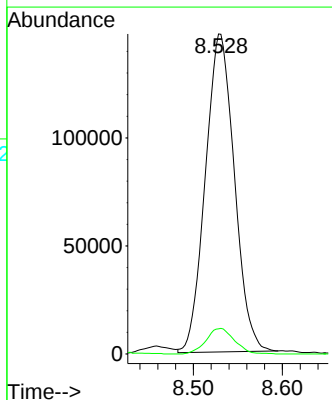
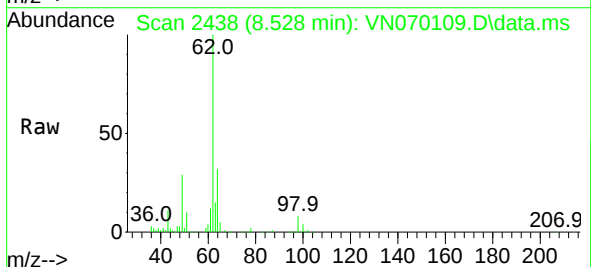
Manual Integrations
APPROVED

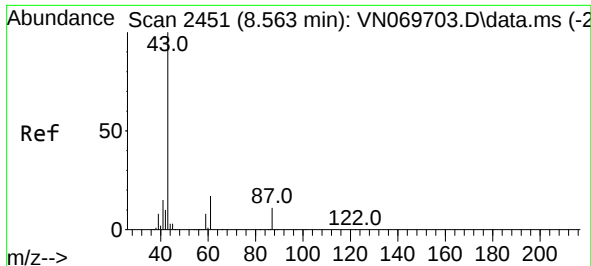
Reviewed By :John Carlone 12/16/2021
Supervised By :Amit Patel 12/16/2021



#42
1,2-Dichloroethane
Concen: 19.807 ug/l
RT: 8.528 min Scan# 2438
Delta R.T. -0.003 min
Lab File: VN070109.D
Acq: 15 Dec 2021 14:11

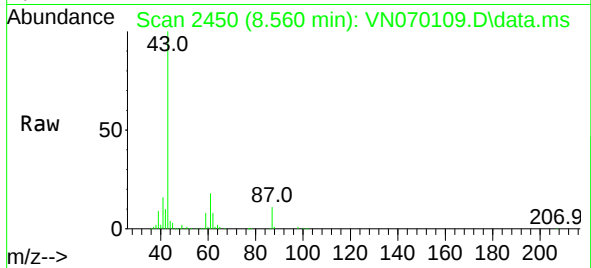
Tgt Ion: 62 Resp: 333474
Ion Ratio Lower Upper
62 100
98 7.9 0.0 17.6





#43
Isopropyl Acetate
Concen: 19.778 ug/l
RT: 8.560 min Scan# 2451
Delta R.T. -0.003 min
Lab File: VN070109.D
Acq: 15 Dec 2021 14:11

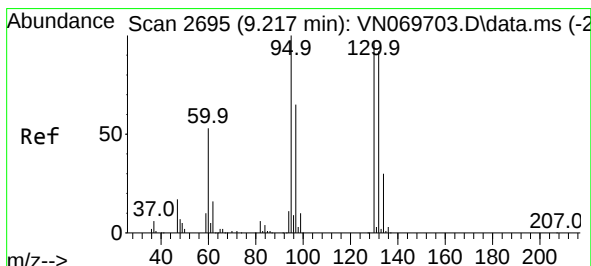
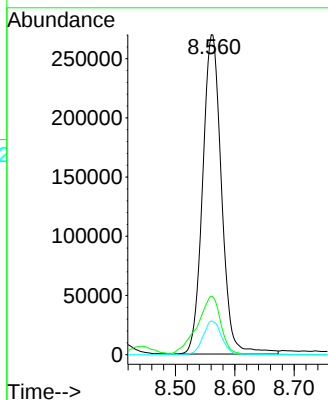
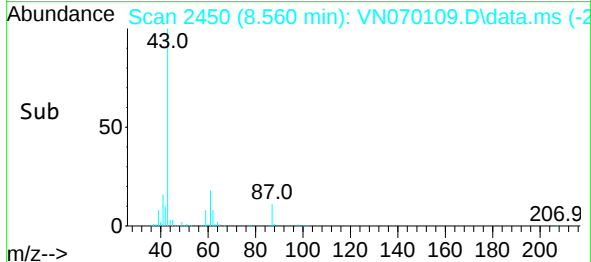
Instrument :
MSVOA_N
ClientSampleId :
VN1215WBSD01



Tgt Ion: 43 Resp: 594389
Ion Ratio Lower Upper
43 100
61 22.7 20.4 30.6
87 10.4 11.2 16.8

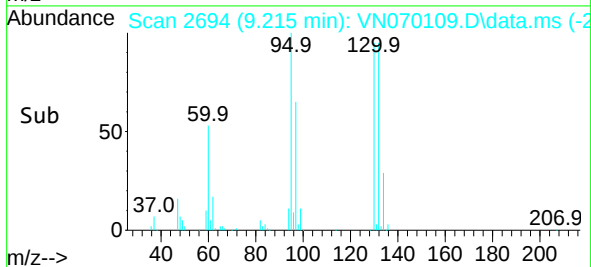
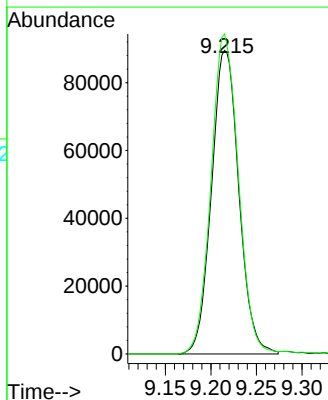
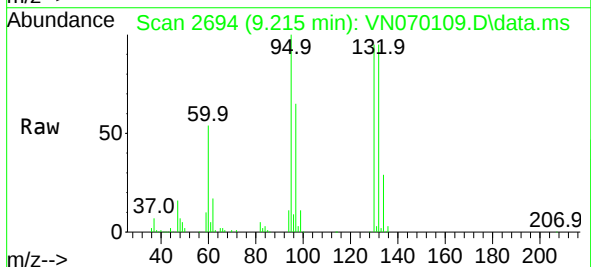
Manual Integrations
APPROVED

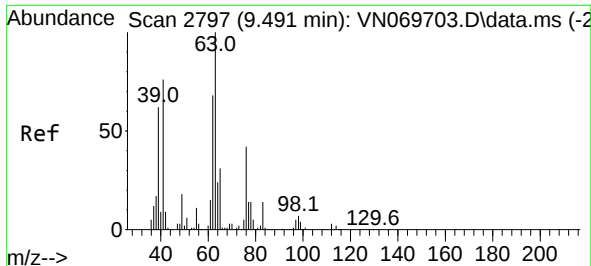
Reviewed By :John Carlone 12/16/2021
Supervised By :Amit Patel 12/16/2021



#44
Trichloroethene
Concen: 18.763 ug/l
RT: 9.215 min Scan# 2694
Delta R.T. -0.002 min
Lab File: VN070109.D
Acq: 15 Dec 2021 14:11

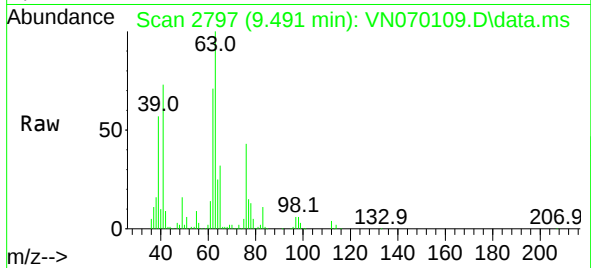
Tgt Ion:130 Resp: 186774
Ion Ratio Lower Upper
130 100
95 105.4 0.0 191.2





#45
1,2-Dichloropropane
Concen: 20.137 ug/l
RT: 9.491 min Scan# 2797
Delta R.T. 0.000 min
Lab File: VN070109.D
Acq: 15 Dec 2021 14:11

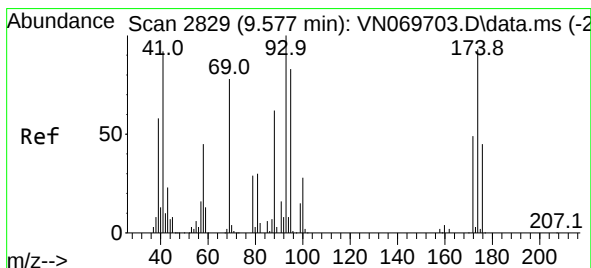
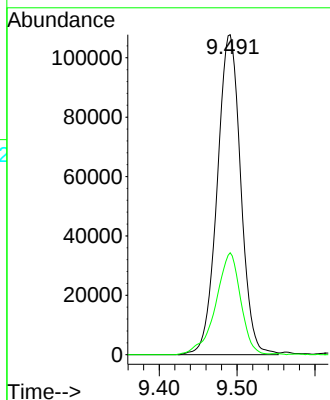
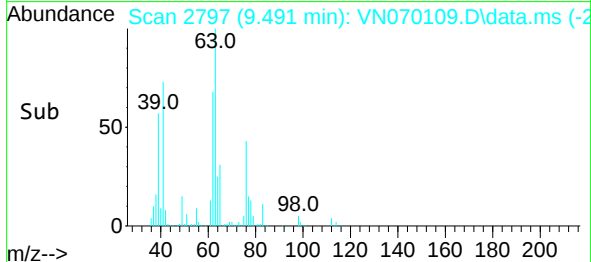
Instrument :
MSVOA_N
ClientSampleId :
VN1215WBSD01



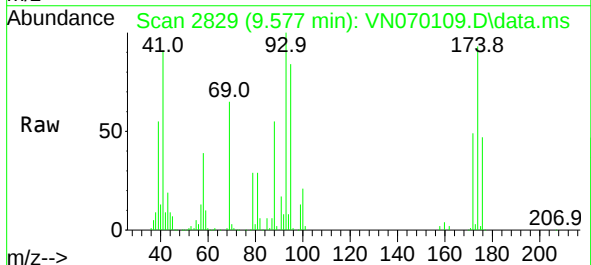
Tgt Ion: 63 Resp: 22553
Ion Ratio Lower Upper
63 100
65 31.7 24.7 37.1

Manual Integrations
APPROVED

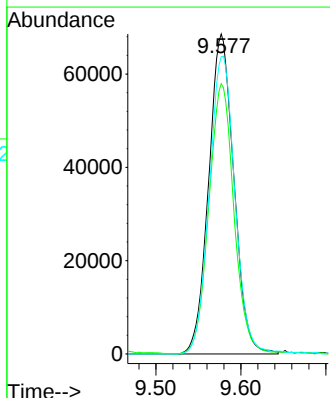
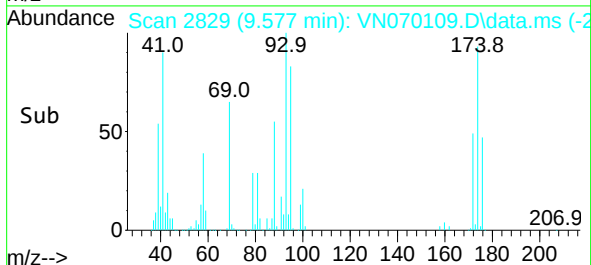
Reviewed By :John Carlone 12/16/2021
Supervised By :Amit Patel 12/16/2021

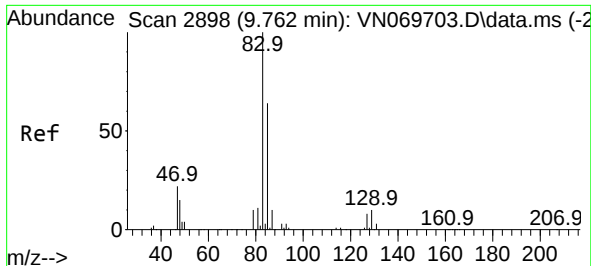


#46
Dibromomethane
Concen: 19.250 ug/l
RT: 9.577 min Scan# 2829
Delta R.T. 0.000 min
Lab File: VN070109.D
Acq: 15 Dec 2021 14:11



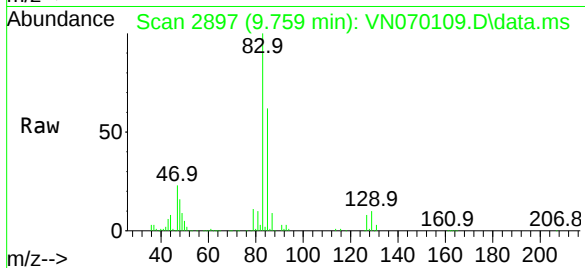
Tgt Ion: 93 Resp: 141396
Ion Ratio Lower Upper
93 100
95 83.9 65.9 98.9
174 94.7 84.6 127.0





#47
Bromodichloromethane
Concen: 19.778 ug/l
RT: 9.759 min Scan# 2897
Delta R.T. -0.003 min
Lab File: VN070109.D
Acq: 15 Dec 2021 14:11

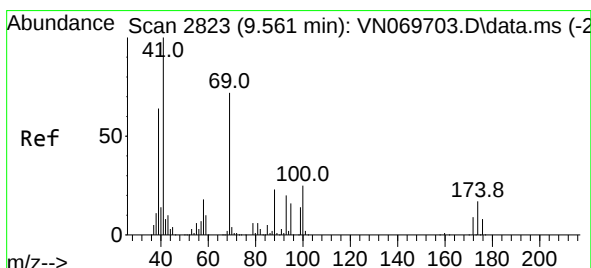
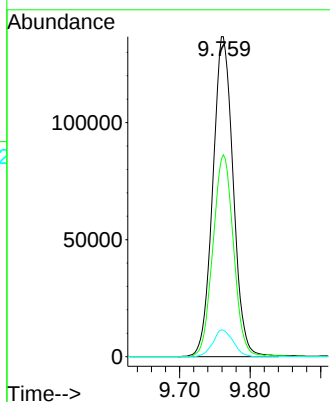
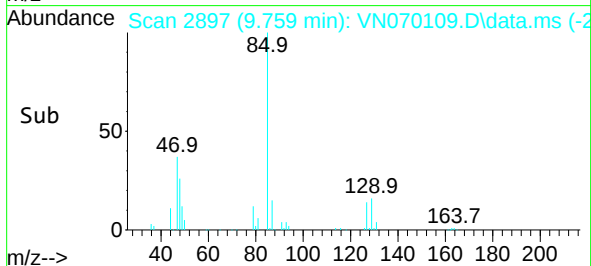
Instrument :
MSVOA_N
ClientSampleId :
VN1215WBSD01



Tgt Ion: 83 Resp: 275052
Ion Ratio Lower Upper
83 100
85 61.8 50.9 76.3
127 8.4 7.1 10.7

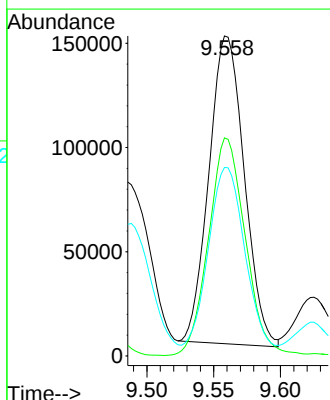
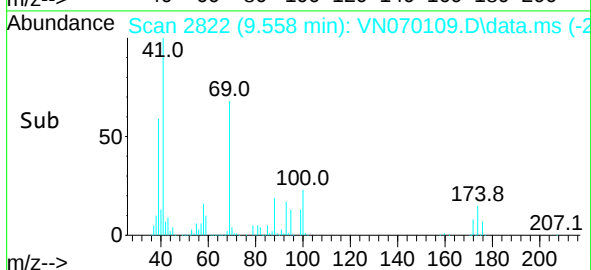
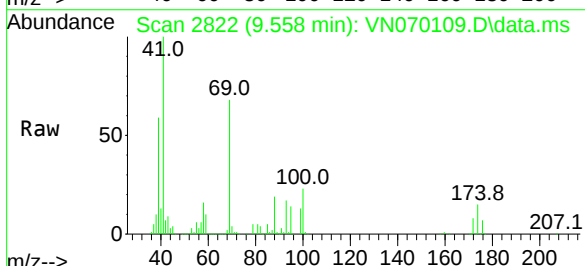
Manual Integrations
APPROVED

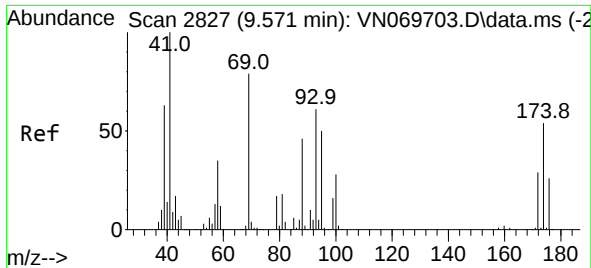
Reviewed By :John Carlone 12/16/2021
Supervised By :Amit Patel 12/16/2021



#48
Methyl methacrylate
Concen: 19.395 ug/l
RT: 9.558 min Scan# 2822
Delta R.T. -0.003 min
Lab File: VN070109.D
Acq: 15 Dec 2021 14:11

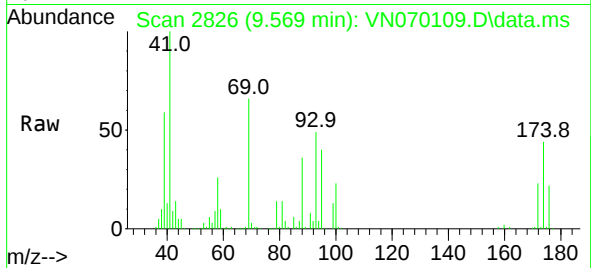
Tgt Ion: 41 Resp: 272012
Ion Ratio Lower Upper
41 100
69 73.5 72.4 108.6
39 59.0 58.4 87.6





#49
1,4-Dioxane
Concen: 362.511 ug/l
RT: 9.569 min Scan# 2827
Delta R.T. -0.003 min
Lab File: VN070109.D
Acq: 15 Dec 2021 14:11

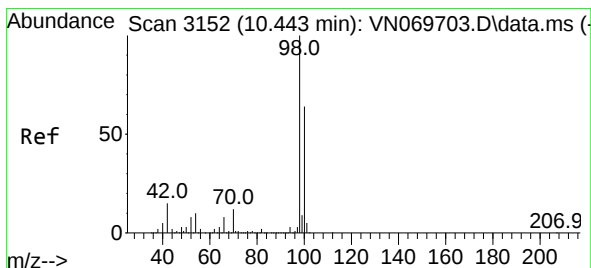
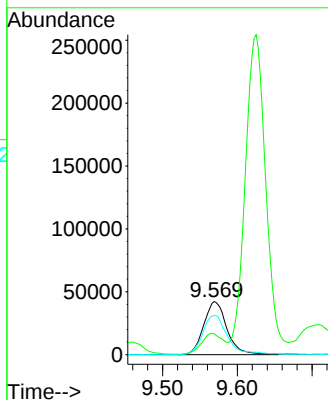
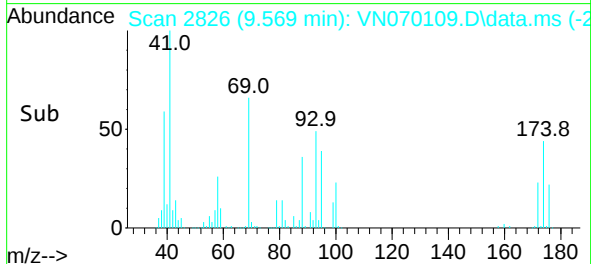
Instrument :
MSVOA_N
ClientSampleId :
VN1215WBSD01



Tgt Ion: 88 Resp: 91227
Ion Ratio Lower Upper
88 100
43 37.3 23.4 35.2
58 79.9 50.6 75.8

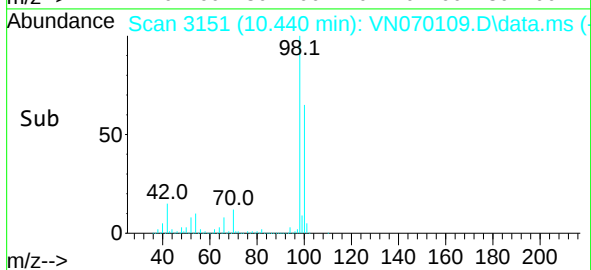
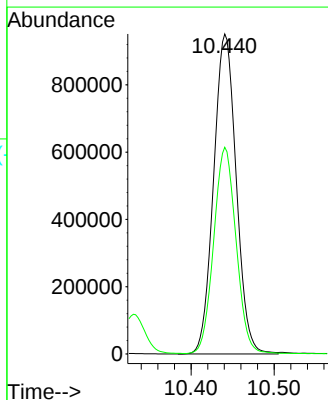
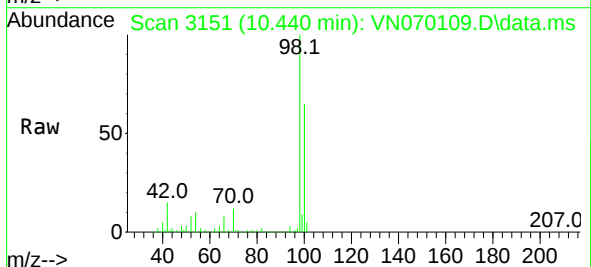
Manual Integrations
APPROVED

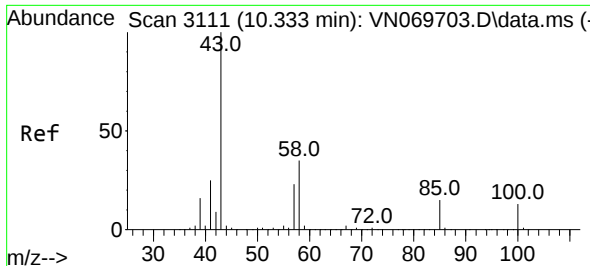
Reviewed By :John Carlone 12/16/2021
Supervised By :Amit Patel 12/16/2021



#50
Toluene-d8
Concen: 49.903 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. -0.003 min
Lab File: VN070109.D
Acq: 15 Dec 2021 14:11

Tgt Ion: 98 Resp: 1798981
Ion Ratio Lower Upper
98 100
100 63.8 50.4 75.6





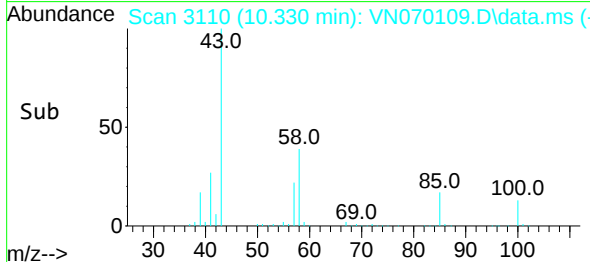
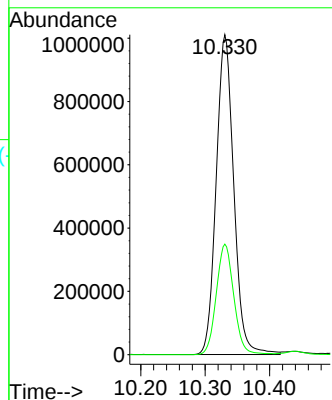
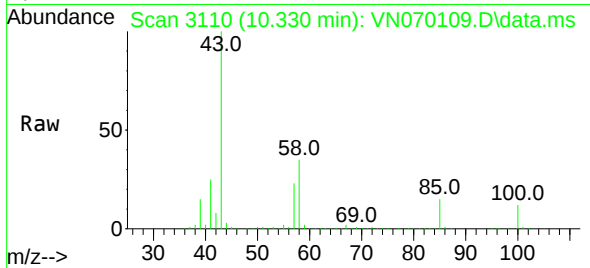
#51
4-Methyl-2-Pentanone
Concen: 98.244 ug/l
RT: 10.330 min Scan# 3111
Delta R.T. -0.003 min
Lab File: VN070109.D
Acq: 15 Dec 2021 14:11

Instrument :
MSVOA_N
ClientSampleId :
VN1215WBSD01

Tgt Ion: 43 Resp: 191539
Ion Ratio Lower Upper
43 100
58 34.6 30.4 45.6

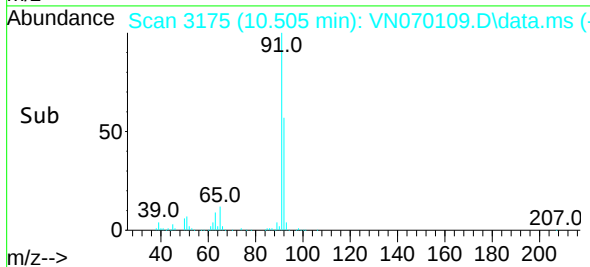
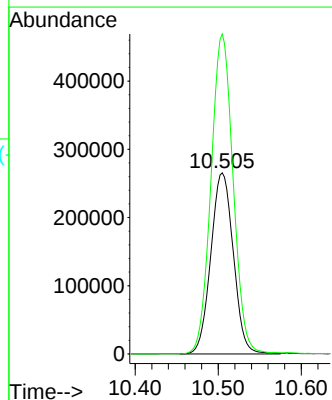
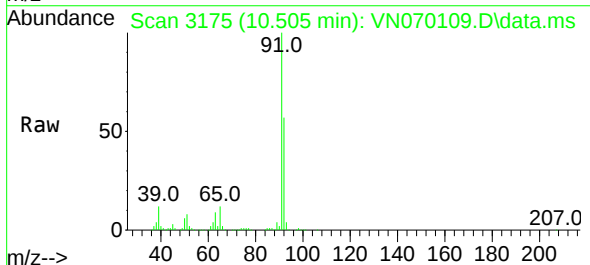
Manual Integrations
APPROVED

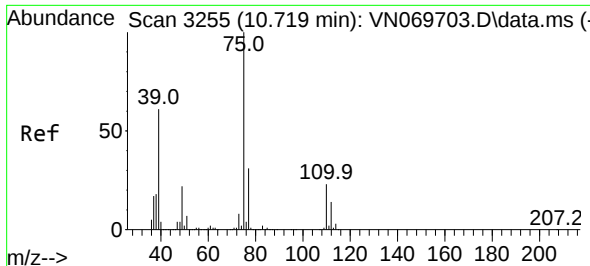
Reviewed By :John Carlone 12/16/2021
Supervised By :Amit Patel 12/16/2021



#52
Toluene
Concen: 19.643 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.003 min
Lab File: VN070109.D
Acq: 15 Dec 2021 14:11

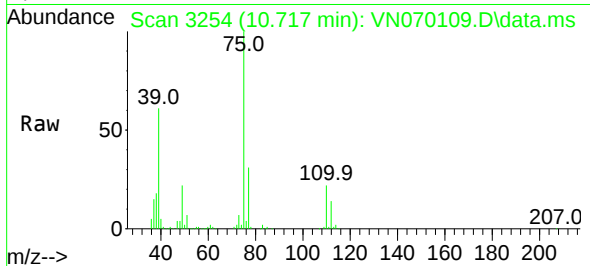
Tgt Ion: 92 Resp: 500168
Ion Ratio Lower Upper
92 100
91 173.4 142.0 213.0





#53
t-1,3-Dichloropropene
Concen: 18.882 ug/l
RT: 10.717 min Scan# 31
Delta R.T. -0.002 min
Lab File: VN070109.D
Acq: 15 Dec 2021 14:11

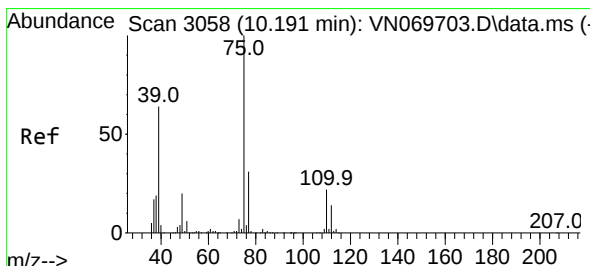
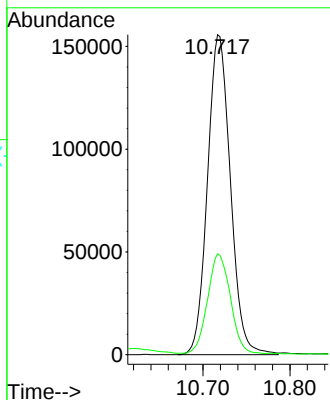
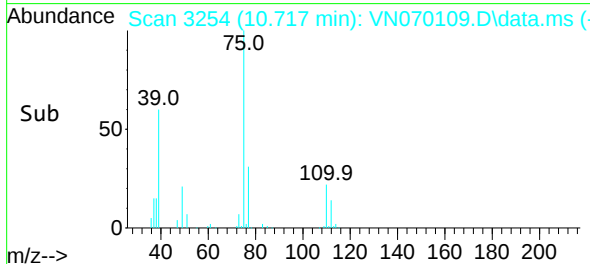
Instrument :
MSVOA_N
ClientSampleId :
VN1215WBSD01



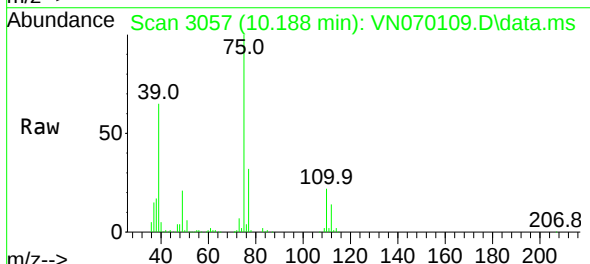
Tgt Ion: 75 Resp: 28505
Ion Ratio Lower Upper
75 100
77 31.1 25.6 38.4

Manual Integrations
APPROVED

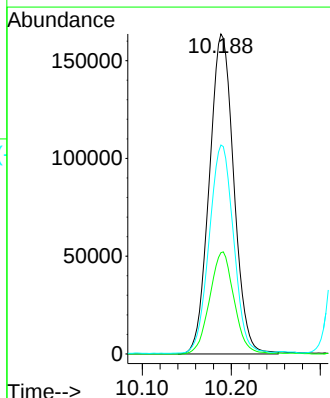
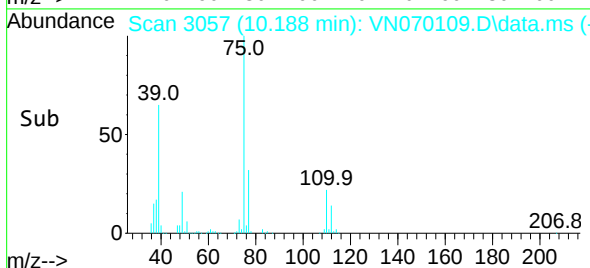
Reviewed By :John Carlone 12/16/2021
Supervised By :Amit Patel 12/16/2021

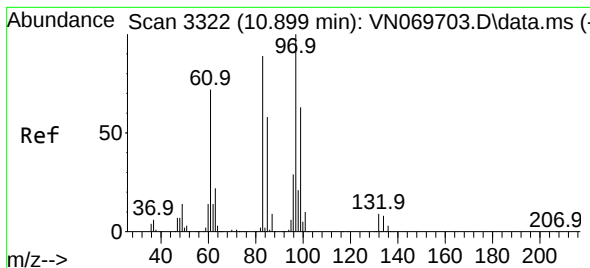


#54
cis-1,3-Dichloropropene
Concen: 19.083 ug/l
RT: 10.188 min Scan# 3057
Delta R.T. -0.003 min
Lab File: VN070109.D
Acq: 15 Dec 2021 14:11



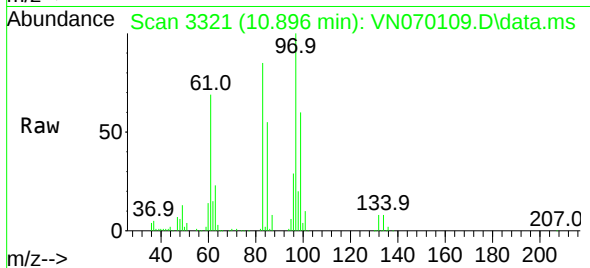
Tgt Ion: 75 Resp: 312433
Ion Ratio Lower Upper
75 100
77 31.7 26.4 39.6
39 65.0 42.5 63.7#





#55
1,1,2-Trichloroethane
Concen: 20.105 ug/l
RT: 10.896 min Scan# 31
Delta R.T. -0.003 min
Lab File: VN070109.D
Acq: 15 Dec 2021 14:11

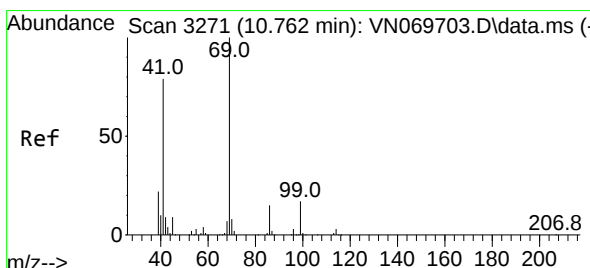
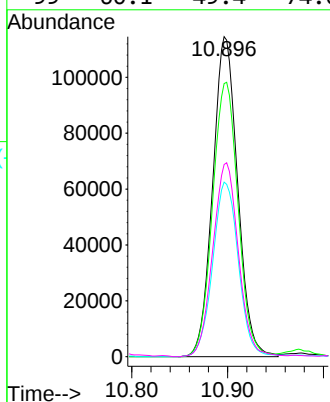
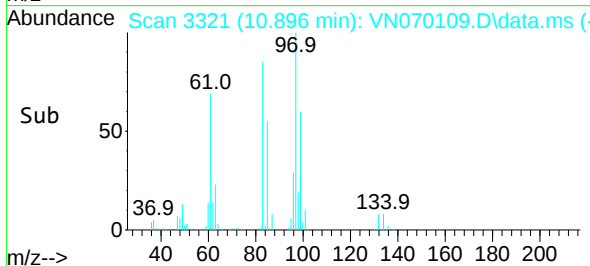
Instrument :
MSVOA_N
ClientSampleId :
VN1215WBSD01



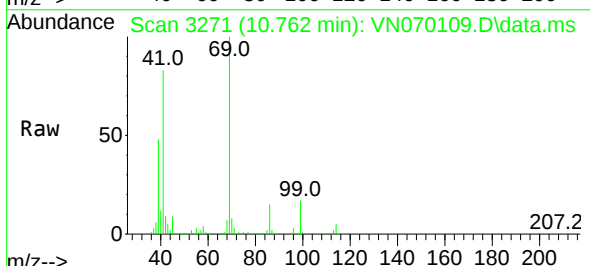
Tgt Ion: 97 Resp: 20655
Ion Ratio Lower Upper
97 100
83 85.4 67.8 101.6
85 54.5 45.4 68.2
99 60.1 49.4 74.0

Manual Integrations
APPROVED

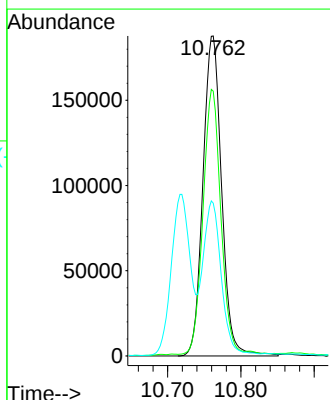
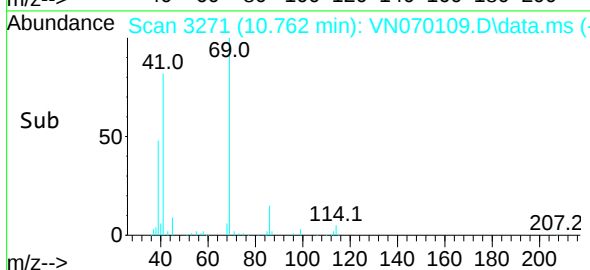
Reviewed By :John Carlone 12/16/2021
Supervised By :Amit Patel 12/16/2021

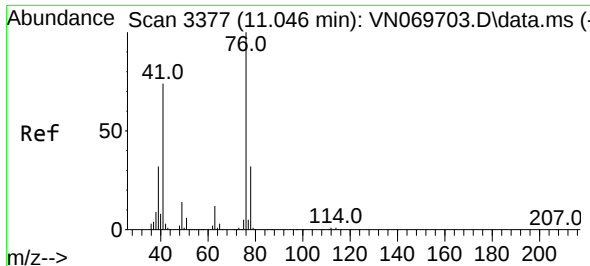


#56
Ethyl methacrylate
Concen: 18.654 ug/l
RT: 10.762 min Scan# 3271
Delta R.T. 0.000 min
Lab File: VN070109.D
Acq: 15 Dec 2021 14:11



Tgt Ion: 69 Resp: 332589
Ion Ratio Lower Upper
69 100
41 78.7 51.4 77.0#
39 45.9 34.6 52.0





#57

1,3-Dichloropropane

Concen: 20.384 ug/l

RT: 11.044 min Scan# 3377

Delta R.T. -0.003 min

Lab File: VN070109.D

Acq: 15 Dec 2021 14:11

Instrument :

MSVOA_N

ClientSampleId :

VN1215WBSD01

Tgt Ion: 76 Resp: 368739

Ion Ratio Lower Upper

76 100

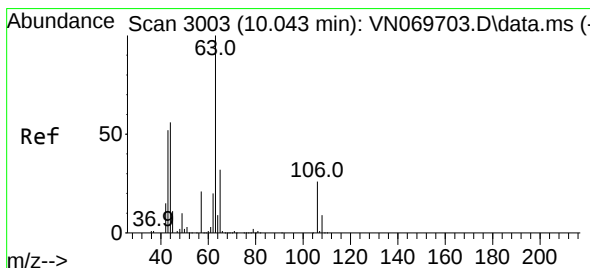
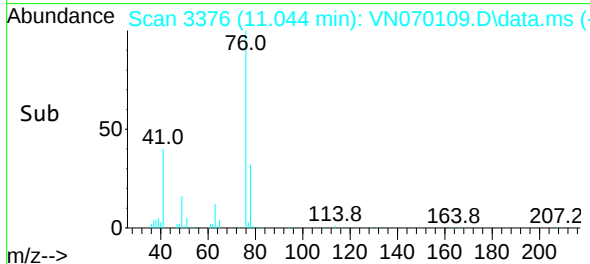
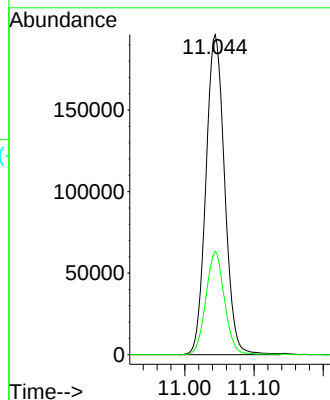
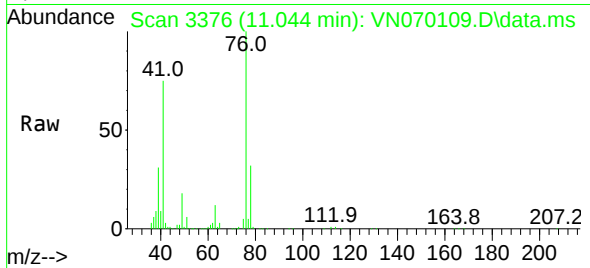
78 32.0 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/16/2021

Supervised By :Amit Patel 12/16/2021



#58

2-Chloroethyl Vinyl ether

Concen: 85.378 ug/l

RT: 10.041 min Scan# 3002

Delta R.T. -0.002 min

Lab File: VN070109.D

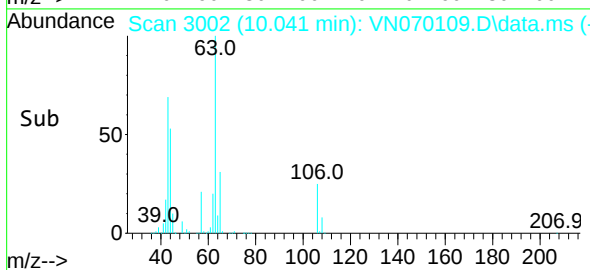
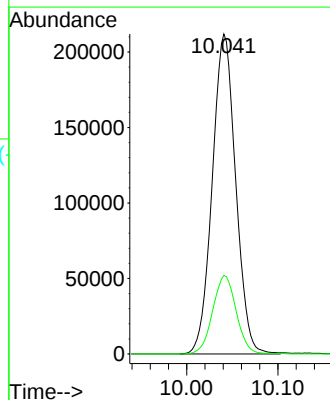
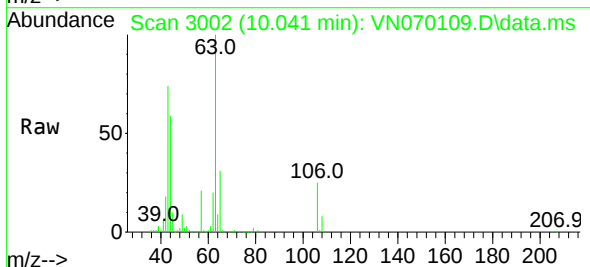
Acq: 15 Dec 2021 14:11

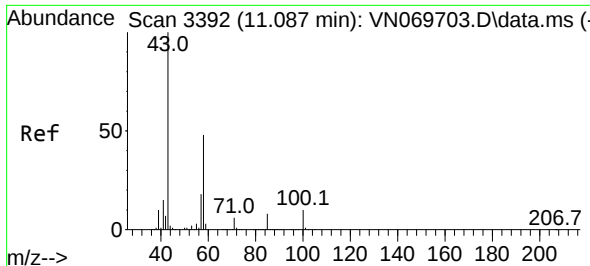
Tgt Ion: 63 Resp: 378514

Ion Ratio Lower Upper

63 100

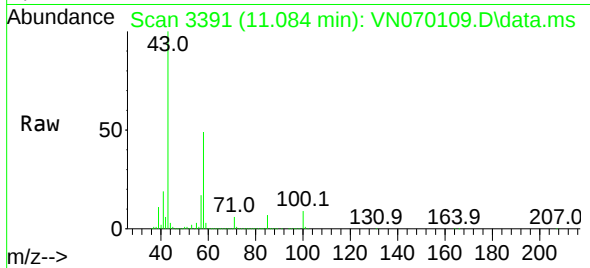
106 24.6 23.9 35.9





#59
2-Hexanone
Concen: 93.265 ug/l
RT: 11.084 min Scan# 3392
Delta R.T. -0.003 min
Lab File: VN070109.D
Acq: 15 Dec 2021 14:11

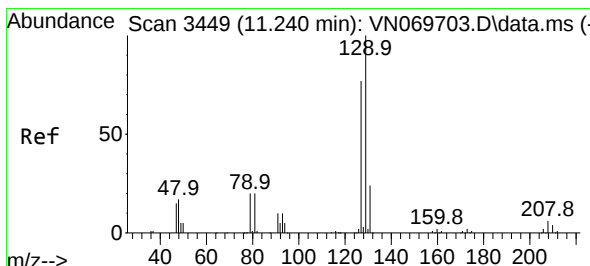
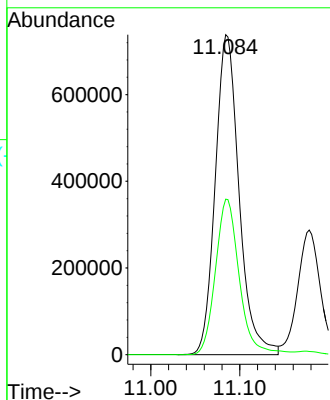
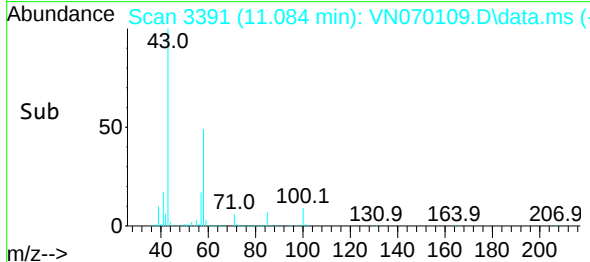
Instrument :
MSVOA_N
ClientSampleId :
VN1215WBSD01



Tgt Ion: 43 Resp: 1375510
Ion Ratio Lower Upper
43 100
58 48.6 26.9 80.7

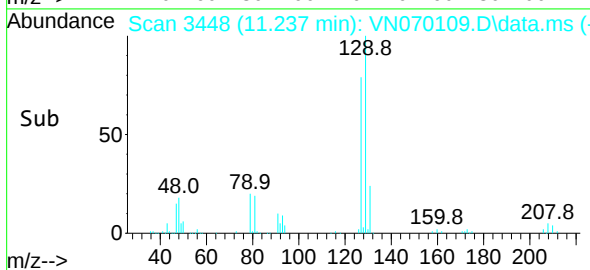
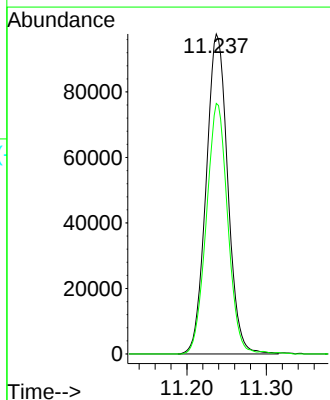
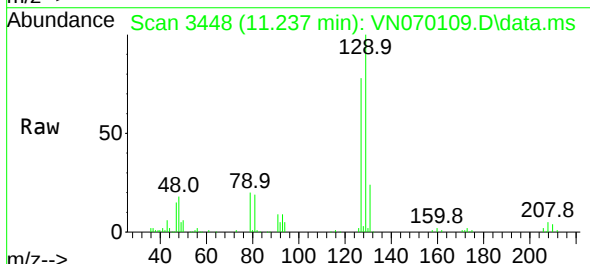
Manual Integrations
APPROVED

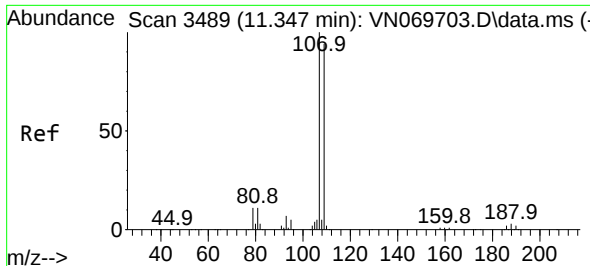
Reviewed By :John Carlone 12/16/2021
Supervised By :Amit Patel 12/16/2021



#60
Dibromochloromethane
Concen: 18.336 ug/l
RT: 11.237 min Scan# 3448
Delta R.T. -0.003 min
Lab File: VN070109.D
Acq: 15 Dec 2021 14:11

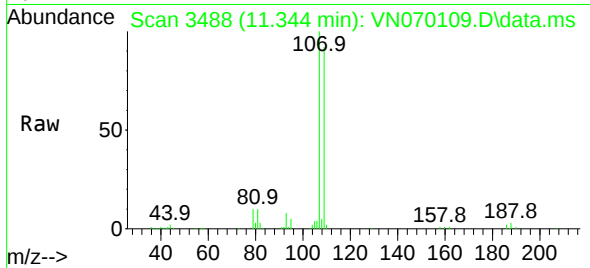
Tgt Ion:129 Resp: 184450
Ion Ratio Lower Upper
129 100
127 77.2 38.6 116.0





#61
1,2-Dibromoethane
Concen: 19.024 ug/l
RT: 11.344 min Scan# 3488
Delta R.T. -0.003 min
Lab File: VN070109.D
Acq: 15 Dec 2021 14:11

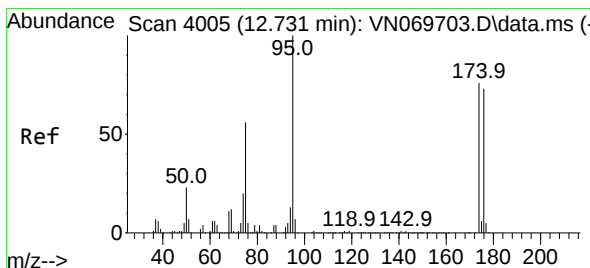
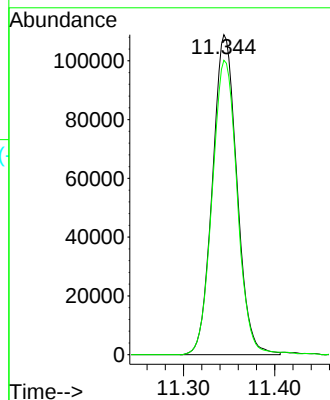
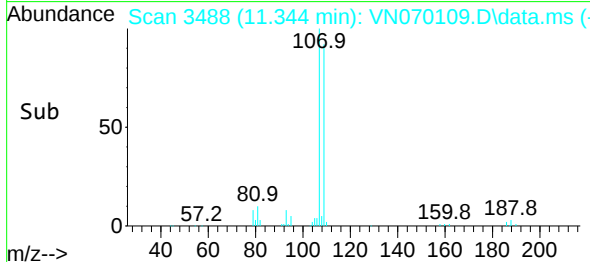
Instrument :
MSVOA_N
ClientSampleId :
VN1215WBSD01



Tgt Ion:107 Resp: 202437
Ion Ratio Lower Upper
107 100
109 94.5 75.7 113.5

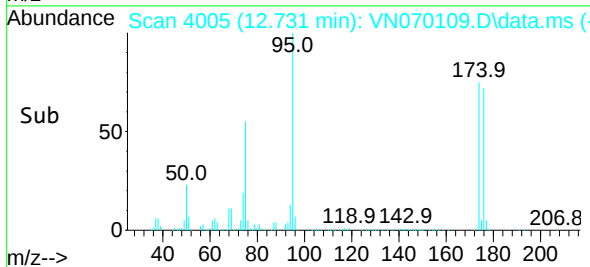
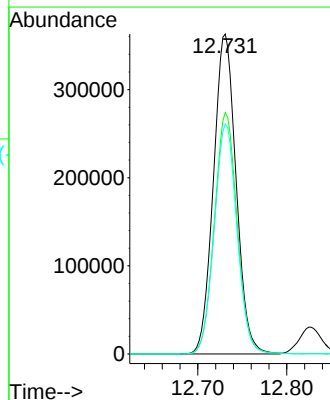
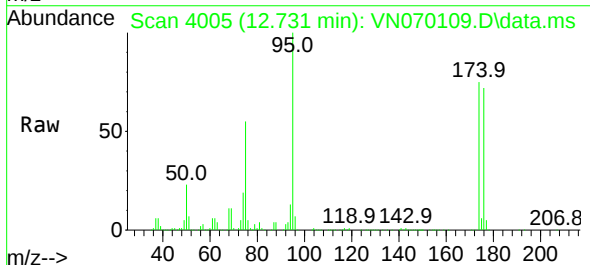
Manual Integrations
APPROVED

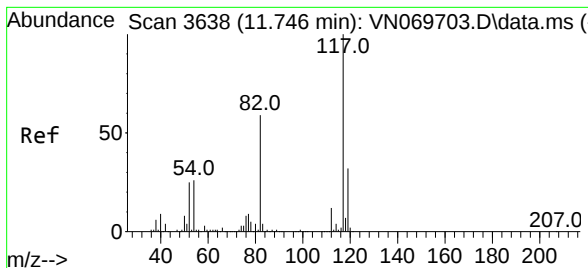
Reviewed By :John Carlone 12/16/2021
Supervised By :Amit Patel 12/16/2021



#62
4-Bromofluorobenzene
Concen: 49.176 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070109.D
Acq: 15 Dec 2021 14:11

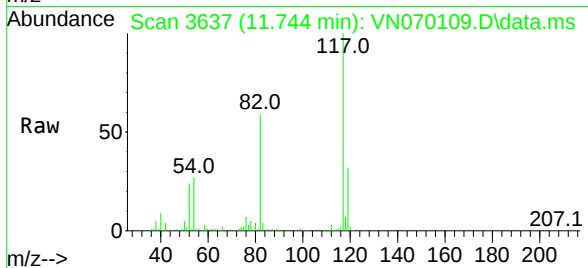
Tgt Ion: 95 Resp: 642237
Ion Ratio Lower Upper
95 100
174 75.7 0.0 187.2
176 72.1 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3638
Delta R.T. -0.002 min
Lab File: VN070109.D
Acq: 15 Dec 2021 14:11

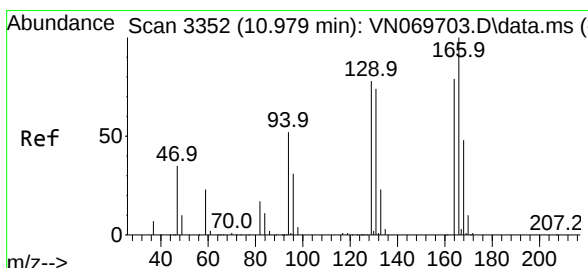
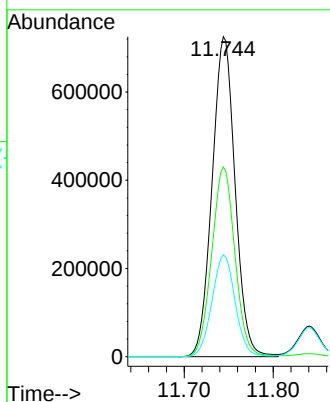
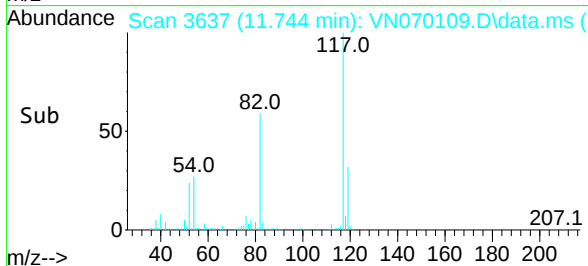
Instrument :
MSVOA_N
ClientSampleId :
VN1215WBSD01



Tgt Ion:117 Resp: 130392
Ion Ratio Lower Upper
117 100
82 59.3 42.4 63.6
119 31.8 25.4 38.2

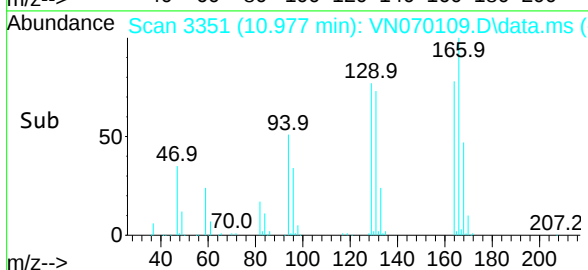
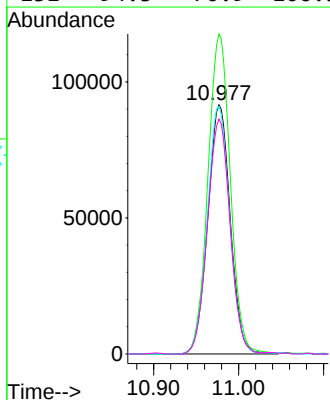
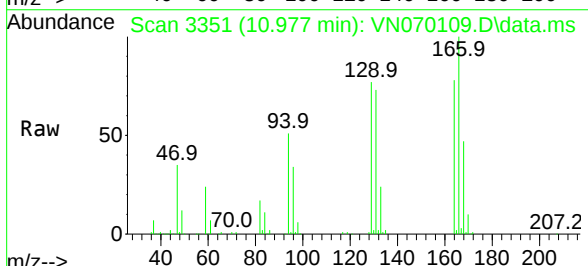
Manual Integrations
APPROVED

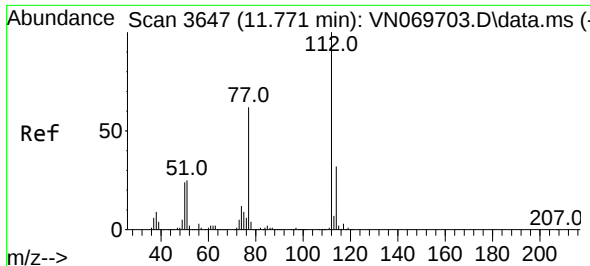
Reviewed By :John Carlone 12/16/2021
Supervised By :Amit Patel 12/16/2021



#64
Tetrachloroethene
Concen: 19.025 ug/l
RT: 10.977 min Scan# 3351
Delta R.T. -0.002 min
Lab File: VN070109.D
Acq: 15 Dec 2021 14:11

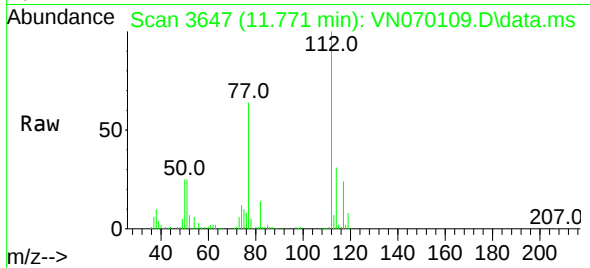
Tgt Ion:164 Resp: 168209
Ion Ratio Lower Upper
164 100
166 128.4 101.9 152.9
129 99.3 72.0 108.0
131 94.3 70.9 106.3





#65
Chlorobenzene
Concen: 19.532 ug/l
RT: 11.771 min Scan# 3647
Delta R.T. -0.000 min
Lab File: VN070109.D
Acq: 15 Dec 2021 14:11

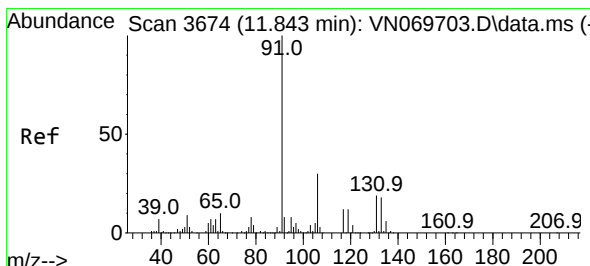
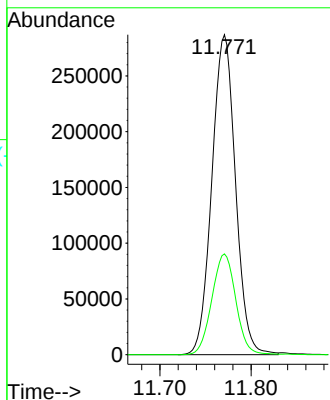
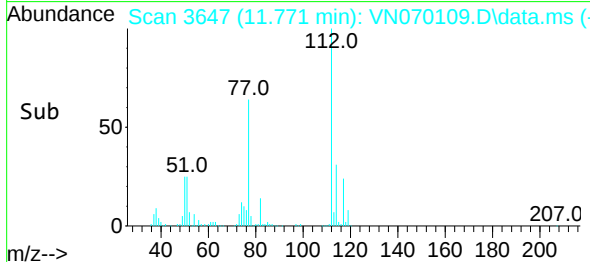
Instrument :
MSVOA_N
ClientSampleId :
VN1215WBSD01



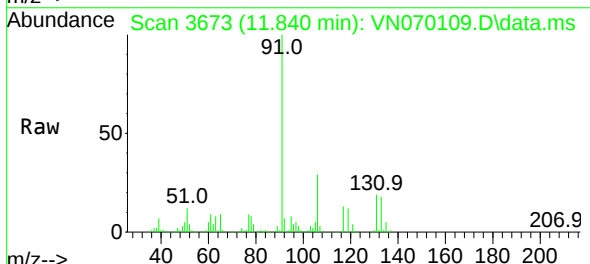
Tgt Ion:112 Resp: 51668
Ion Ratio Lower Upper
112 100
114 31.5 25.4 38.0

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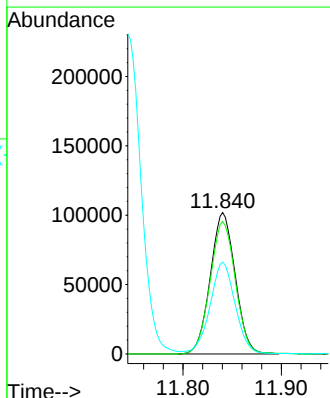
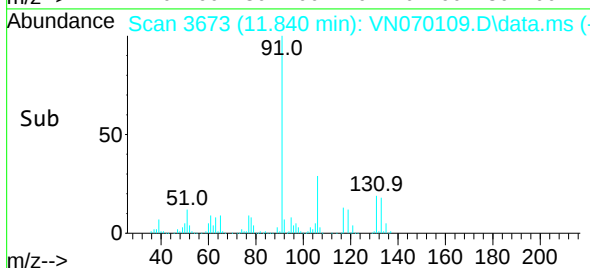
Reviewed By :John Carlone 12/16/2021
Supervised By :Amit Patel 12/16/2021

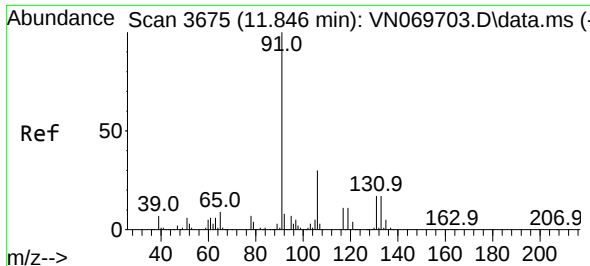


#66
1,1,1,2-Tetrachloroethane
Concen: 19.344 ug/l
RT: 11.840 min Scan# 3673
Delta R.T. -0.003 min
Lab File: VN070109.D
Acq: 15 Dec 2021 14:11



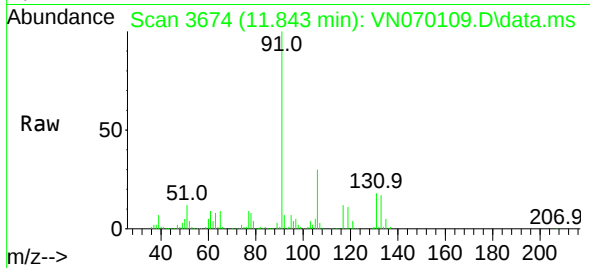
Tgt Ion:131 Resp: 180103
Ion Ratio Lower Upper
131 100
133 95.2 47.9 143.7
119 65.0 32.1 96.5





#67
Ethyl Benzene
Concen: 20.046 ug/l
RT: 11.843 min Scan# 3675
Delta R.T. -0.003 min
Lab File: VN070109.D
Acq: 15 Dec 2021 14:11

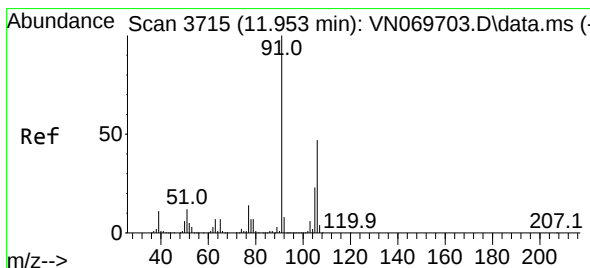
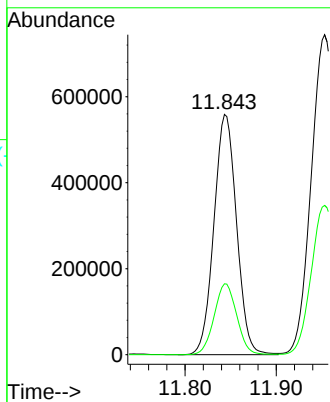
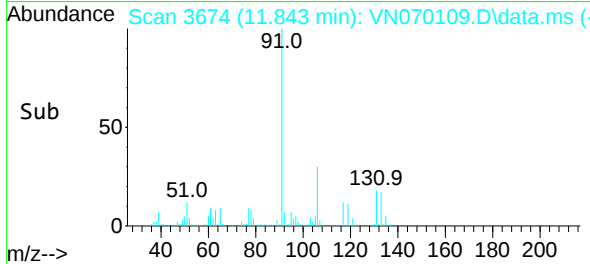
Instrument :
MSVOA_N
ClientSampleId :
VN1215WBSD01



Tgt Ion: 91 Resp: 96323
Ion Ratio Lower Upper
91 100
106 29.5 25.7 38.5

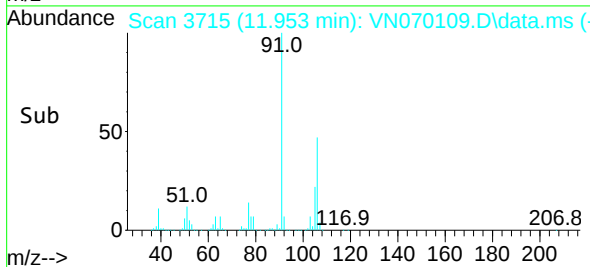
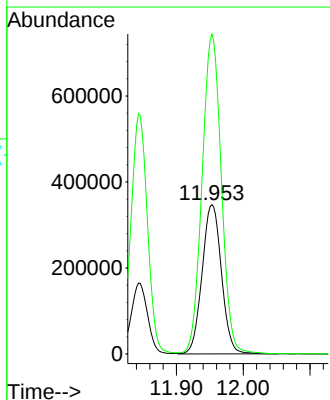
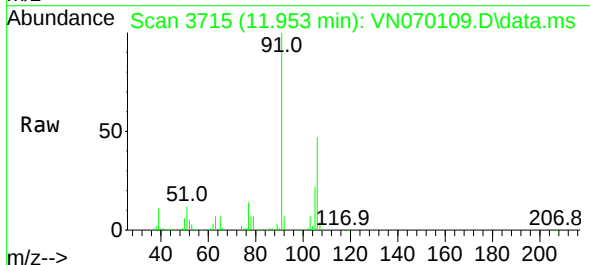
Manual Integrations
APPROVED

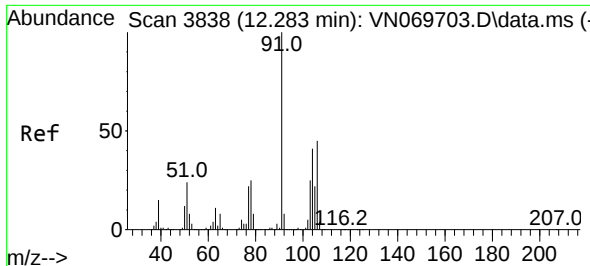
Reviewed By :John Carlone 12/16/2021
Supervised By :Amit Patel 12/16/2021



#68
m/p-Xylenes
Concen: 39.988 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. 0.000 min
Lab File: VN070109.D
Acq: 15 Dec 2021 14:11

Tgt Ion:106 Resp: 699618
Ion Ratio Lower Upper
106 100
91 213.2 160.6 240.8





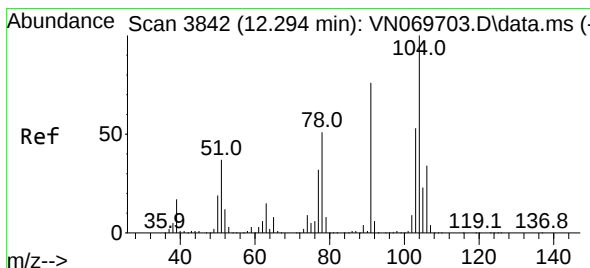
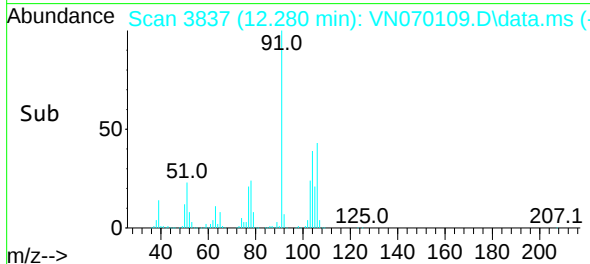
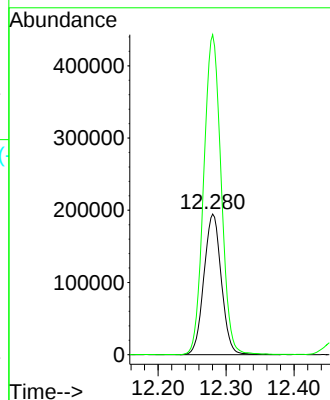
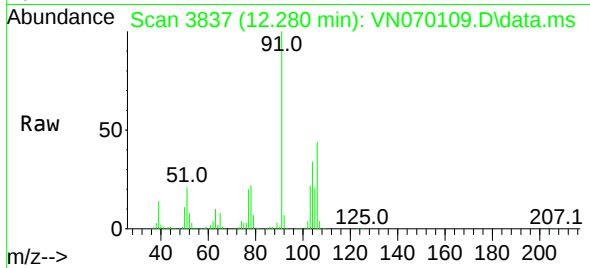
#69
o-Xylene
Concen: 19.667 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. -0.003 min
Lab File: VN070109.D
Acq: 15 Dec 2021 14:11

Instrument :
MSVOA_N
ClientSampleId :
VN1215WBSD01

Tgt Ion:106 Resp: 346599
Ion Ratio Lower Upper
106 100
91 227.7 105.8 317.3

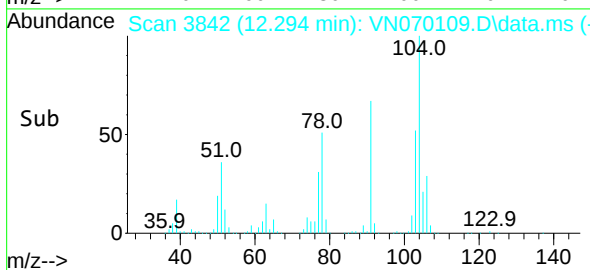
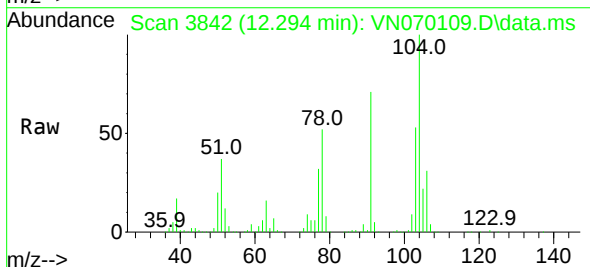
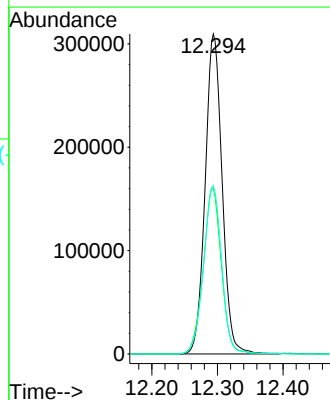
Manual Integrations
APPROVED

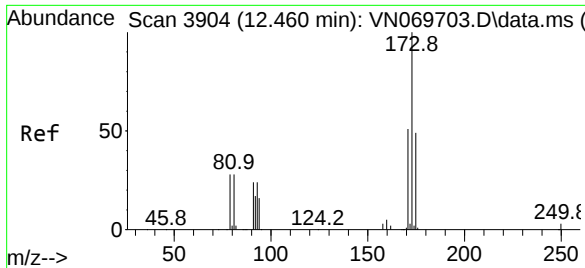
Reviewed By :John Carlone 12/16/2021
Supervised By :Amit Patel 12/16/2021



#70
Styrene
Concen: 19.909 ug/l
RT: 12.294 min Scan# 3842
Delta R.T. -0.000 min
Lab File: VN070109.D
Acq: 15 Dec 2021 14:11

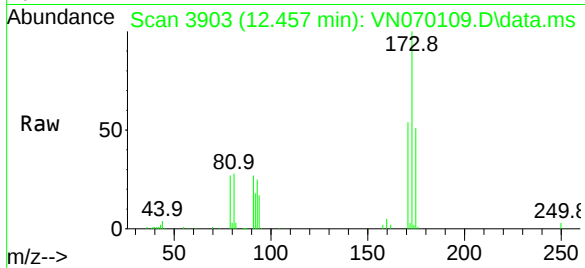
Tgt Ion:104 Resp: 556349
Ion Ratio Lower Upper
104 100
78 55.3 38.7 58.1
103 56.0 45.0 67.6





#71
Bromoform
Concen: 17.547 ug/l
RT: 12.457 min Scan# 3903
Delta R.T. -0.003 min
Lab File: VN070109.D
Acq: 15 Dec 2021 14:11

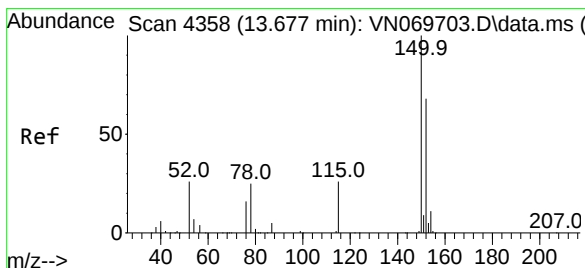
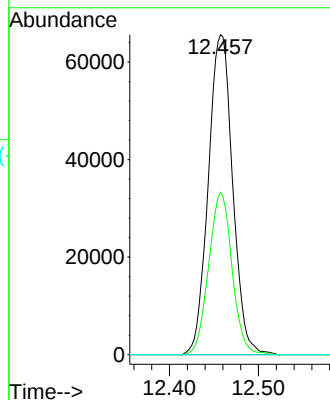
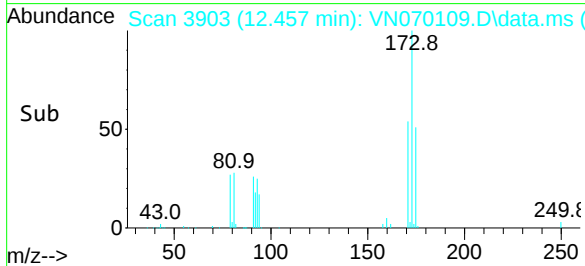
Instrument :
MSVOA_N
ClientSampleId :
VN1215WBSD01



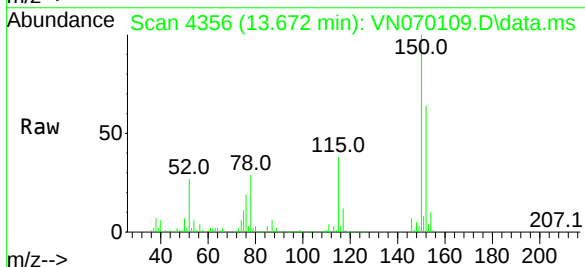
Tgt Ion:173 Resp: 12480
Ion Ratio Lower Upper
173 100
175 48.6 24.2 72.6
254 0.0 0.0 0.0

Manual Integrations
APPROVED

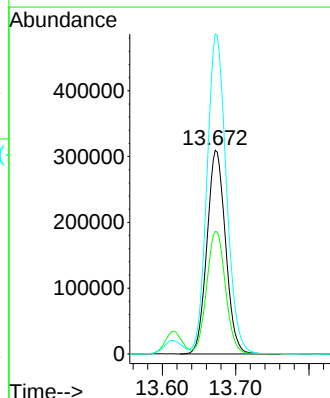
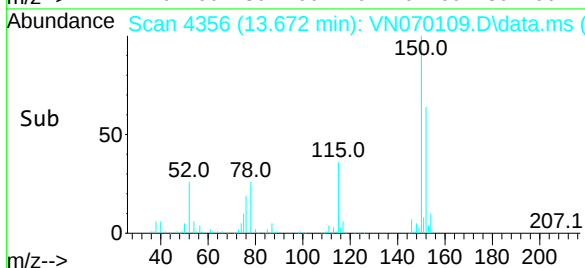
Reviewed By :John Carlone 12/16/2021
Supervised By :Amit Patel 12/16/2021

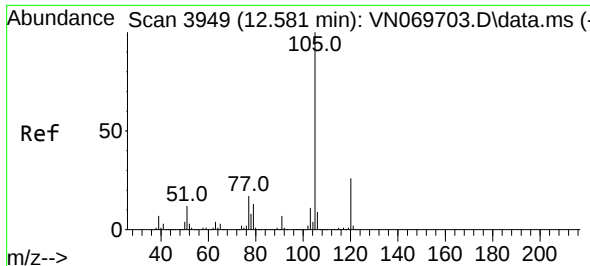


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.672 min Scan# 4356
Delta R.T. -0.005 min
Lab File: VN070109.D
Acq: 15 Dec 2021 14:11



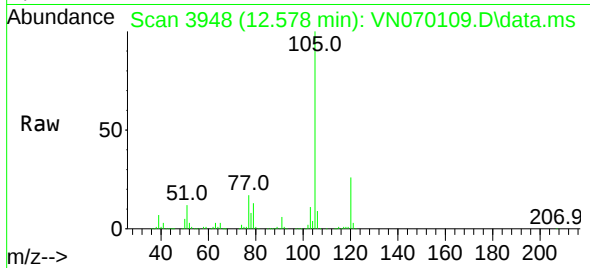
Tgt Ion:152 Resp: 544706
Ion Ratio Lower Upper
152 100
115 60.9 27.5 82.5
150 163.5 0.0 344.4





#73
Isopropylbenzene
Concen: 18.919 ug/l
RT: 12.578 min Scan# 3948
Delta R.T. -0.003 min
Lab File: VN070109.D
Acq: 15 Dec 2021 14:11

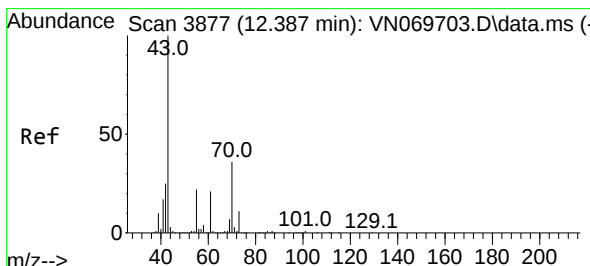
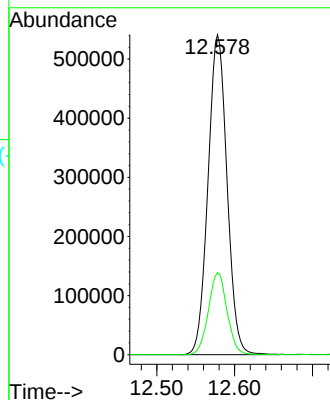
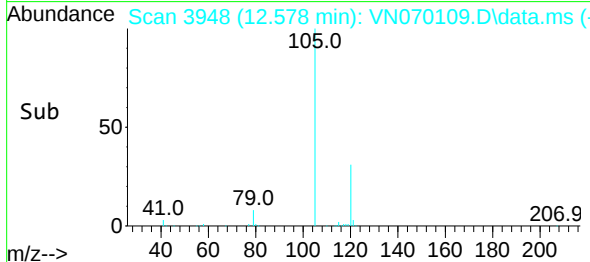
Instrument :
MSVOA_N
ClientSampleId :
VN1215WBSD01



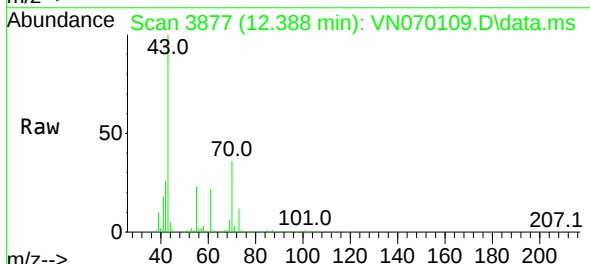
Tgt Ion:105 Resp: 916860
Ion Ratio Lower Upper
105 100
120 25.2 13.4 40.1

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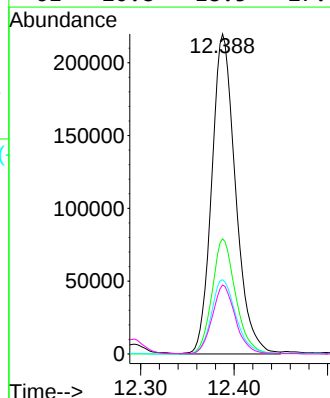
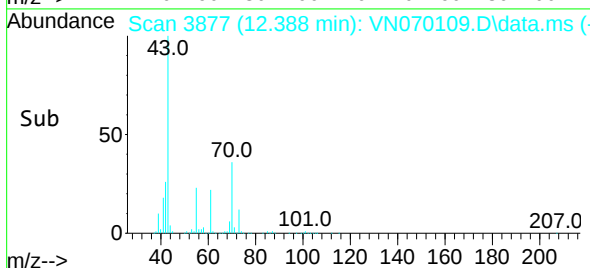
Reviewed By :John Carlone 12/16/2021
Supervised By :Amit Patel 12/16/2021

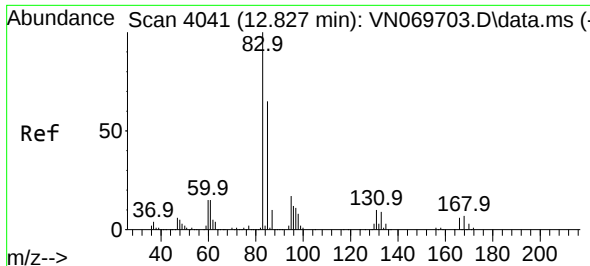


#74
N-ethyl acetate
Concen: 18.151 ug/l
RT: 12.388 min Scan# 3877
Delta R.T. 0.000 min
Lab File: VN070109.D
Acq: 15 Dec 2021 14:11



Tgt Ion: 43 Resp: 389019
Ion Ratio Lower Upper
43 100
70 35.6 33.4 50.0
55 23.9 19.3 28.9
61 20.8 18.5 27.7





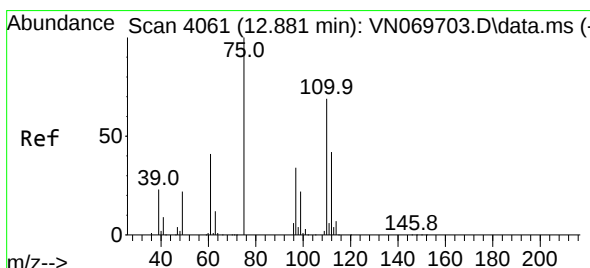
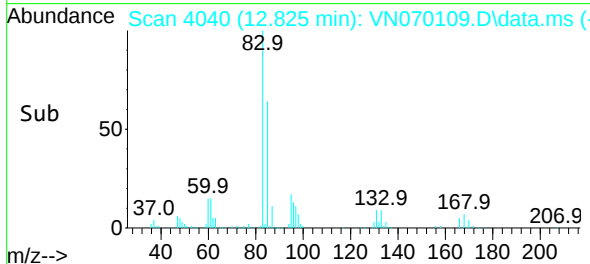
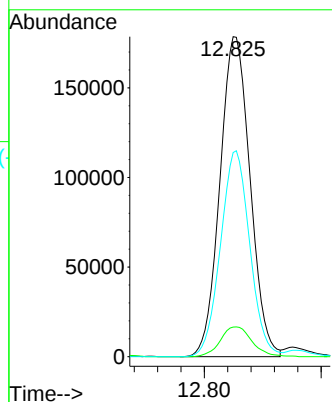
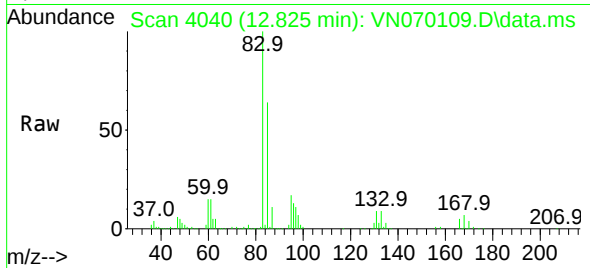
#75
 1,1,2,2-Tetrachloroethane
 Concen: 19.111 ug/l
 RT: 12.825 min Scan# 4041
 Delta R.T. -0.003 min
 Lab File: VN070109.D
 Acq: 15 Dec 2021 14:11

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1215WBSD01

Tgt Ion: 83 Resp: 32027
 Ion Ratio Lower Upper
 83 100
 131 9.8 5.5 16.5
 85 62.5 32.4 97.2

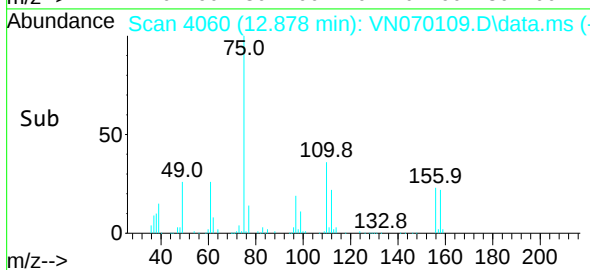
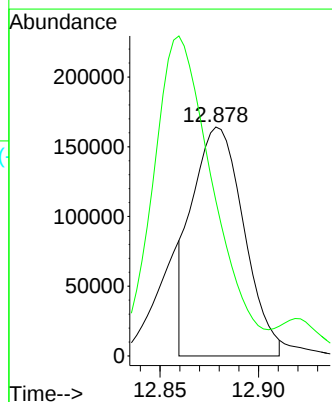
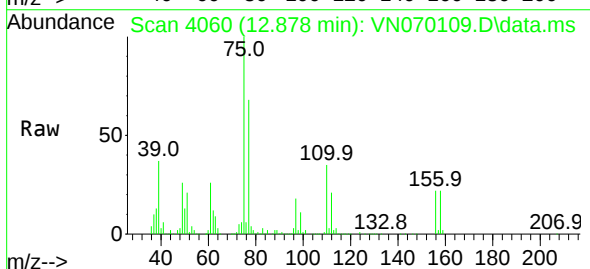
Manual Integrations
 APPROVED

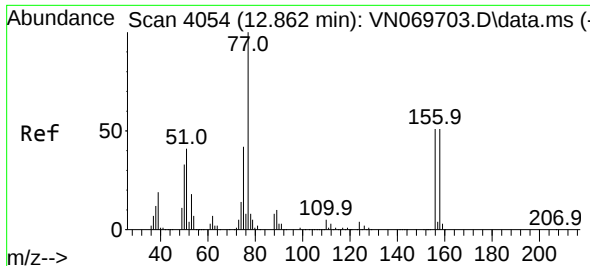
Reviewed By :John Carlone 12/16/2021
 Supervised By :Amit Patel 12/16/2021



#76
 1,2,3-Trichloropropane
 Concen: 19.113 ug/l m
 RT: 12.878 min Scan# 4060
 Delta R.T. -0.003 min
 Lab File: VN070109.D
 Acq: 15 Dec 2021 14:11

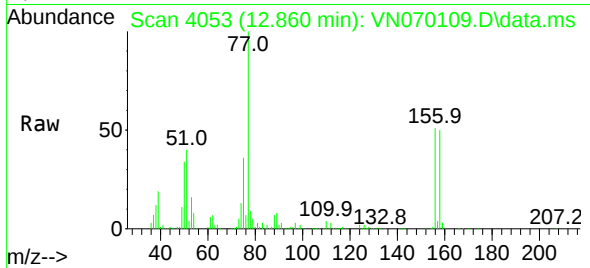
Tgt Ion: 75 Resp: 298559
 Ion Ratio Lower Upper
 75 100
 77 164.2 82.6 247.8





#77
Bromobenzene
Concen: 18.489 ug/l
RT: 12.860 min Scan# 4054
Delta R.T. -0.003 min
Lab File: VN070109.D
Acq: 15 Dec 2021 14:11

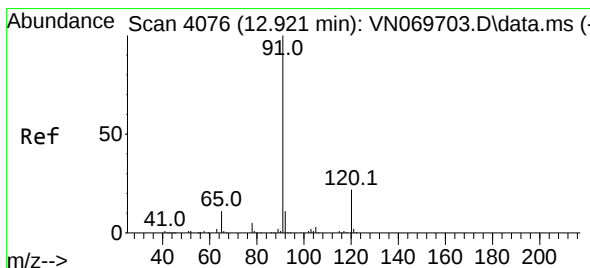
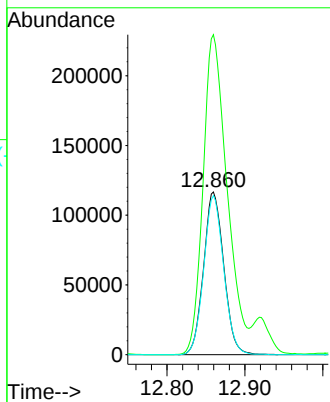
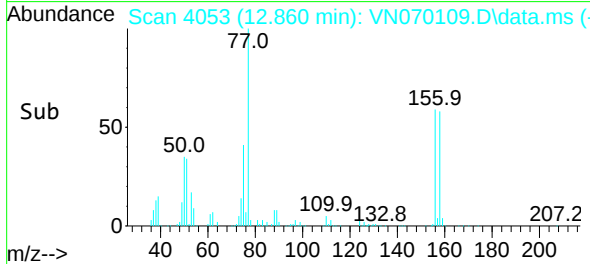
Instrument :
MSVOA_N
ClientSampleId :
VN1215WBSD01



Tgt Ion:156 Resp: 210468
Ion Ratio Lower Upper
156 100
77 233.0 90.6 271.8
158 96.9 48.9 146.7

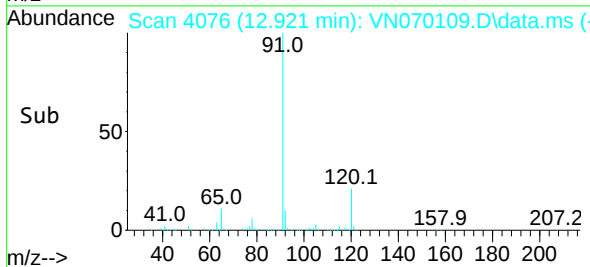
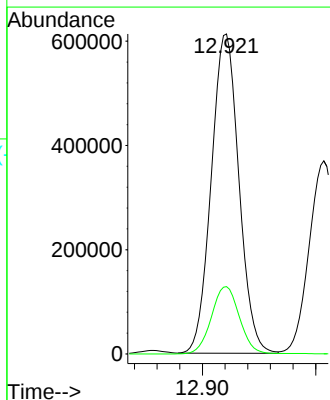
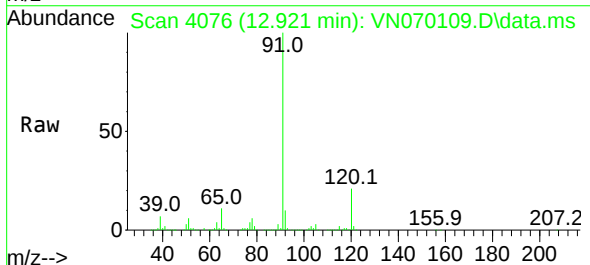
Manual Integrations
APPROVED

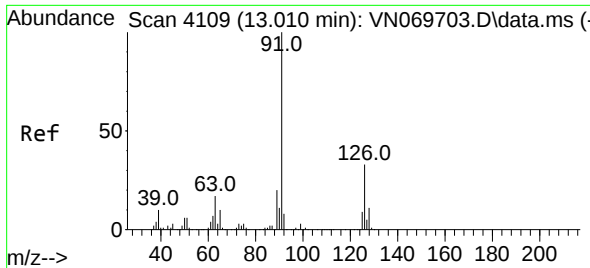
Reviewed By :John Carlone 12/16/2021
Supervised By :Amit Patel 12/16/2021



#78
n-propylbenzene
Concen: 19.235 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.000 min
Lab File: VN070109.D
Acq: 15 Dec 2021 14:11

Tgt Ion: 91 Resp: 1037336
Ion Ratio Lower Upper
91 100
120 21.4 11.9 35.9





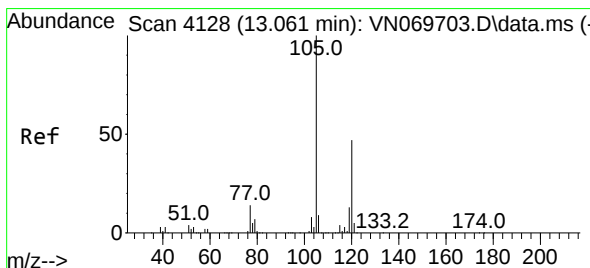
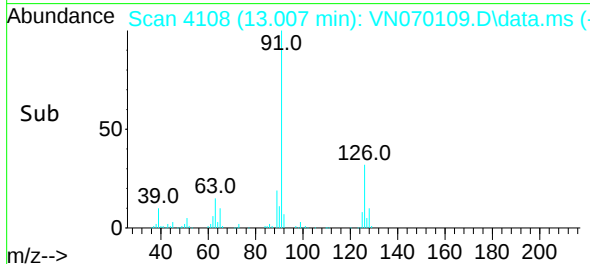
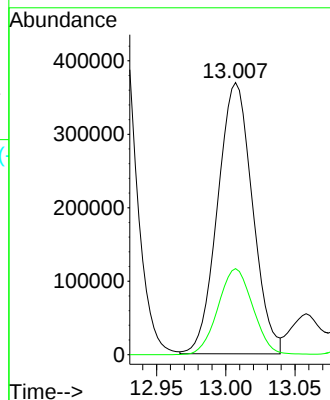
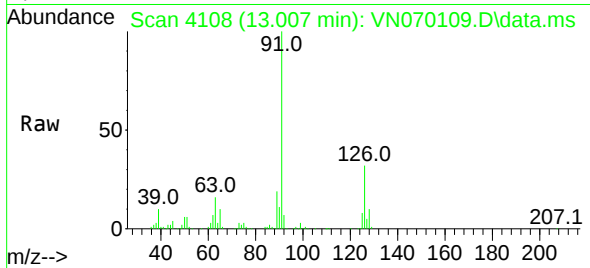
#79
2-Chlorotoluene
Concen: 19.001 ug/l
RT: 13.007 min Scan# 4109
Delta R.T. -0.003 min
Lab File: VN070109.D
Acq: 15 Dec 2021 14:11

Instrument :
MSVOA_N
ClientSampleId :
VN1215WBSD01

Tgt Ion: 91 Resp: 647472
Ion Ratio Lower Upper
91 100
126 31.7 18.3 54.8

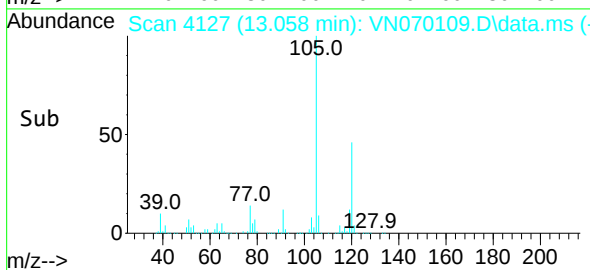
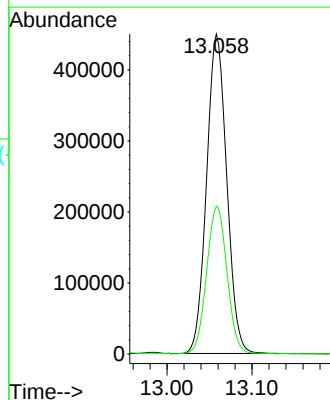
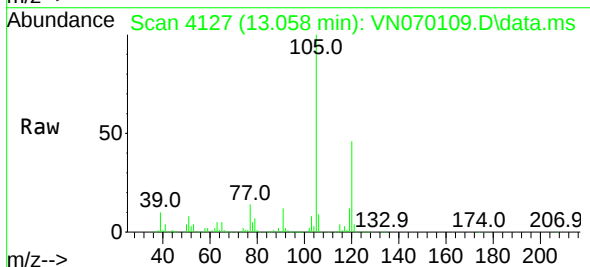
Manual Integrations
APPROVED

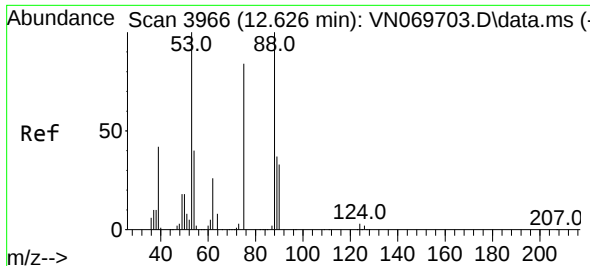
Reviewed By :John Carlone 12/16/2021
Supervised By :Amit Patel 12/16/2021



#80
1,3,5-Trimethylbenzene
Concen: 19.027 ug/l
RT: 13.058 min Scan# 4127
Delta R.T. -0.003 min
Lab File: VN070109.D
Acq: 15 Dec 2021 14:11

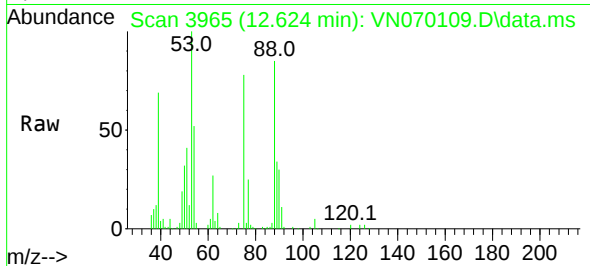
Tgt Ion:105 Resp: 742183
Ion Ratio Lower Upper
105 100
120 46.7 24.6 73.6





#81
trans-1,4-Dichloro-2-butene
Concen: 17.791 ug/l
RT: 12.624 min Scan# 3966
Delta R.T. -0.002 min
Lab File: VN070109.D
Acq: 15 Dec 2021 14:11

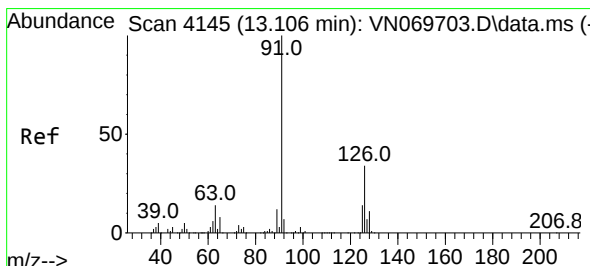
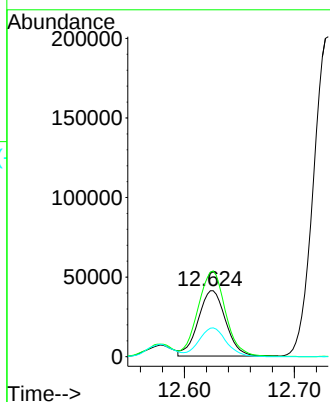
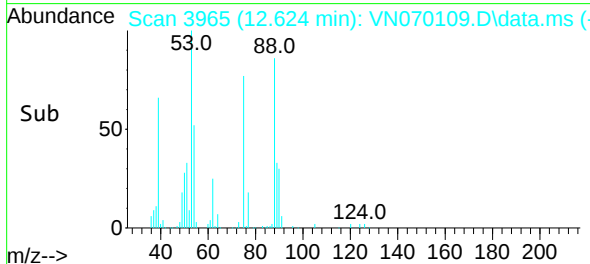
Instrument :
MSVOA_N
ClientSampleId :
VN1215WBSD01



Tgt Ion: 75 Resp: 7132
Ion Ratio Lower Upper
75 100
53 131.5 90.5 135.7
89 44.0 38.2 57.4

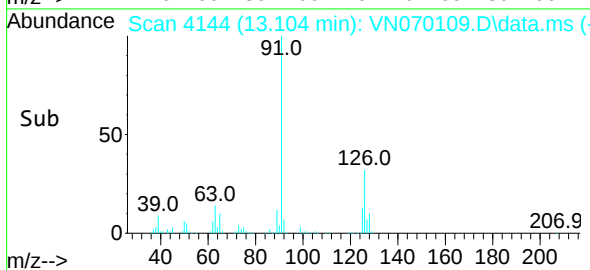
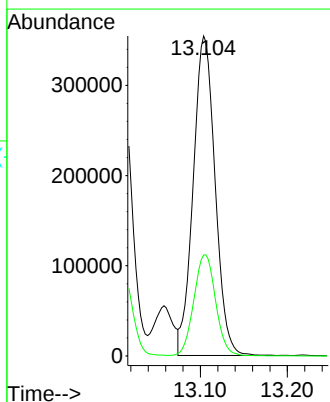
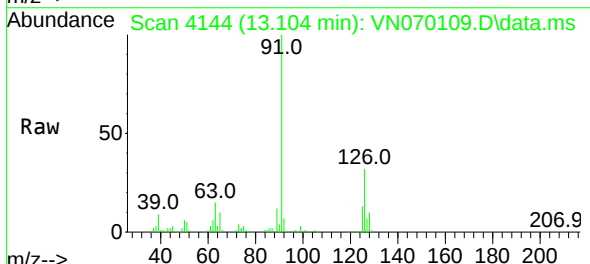
Manual Integrations
APPROVED

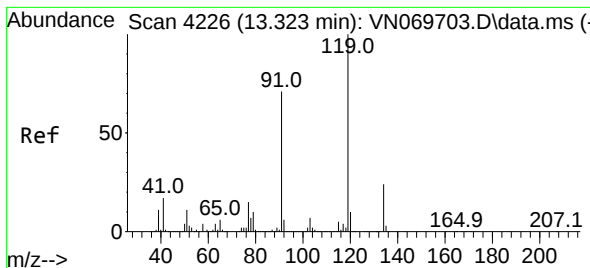
Reviewed By :John Carlone 12/16/2021
Supervised By :Amit Patel 12/16/2021



#82
4-Chlorotoluene
Concen: 19.302 ug/l
RT: 13.104 min Scan# 4144
Delta R.T. -0.003 min
Lab File: VN070109.D
Acq: 15 Dec 2021 14:11

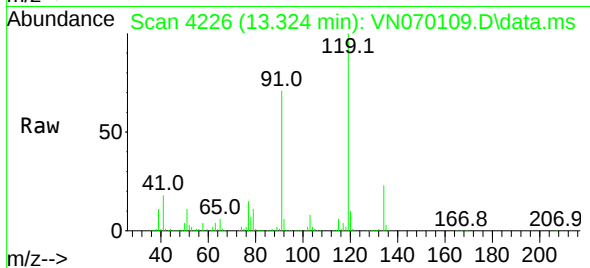
Tgt Ion: 91 Resp: 618564
Ion Ratio Lower Upper
91 100
126 31.4 18.2 54.6





#83
tert-Butylbenzene
Concen: 18.480 ug/l
RT: 13.324 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN070109.D
Acq: 15 Dec 2021 14:11

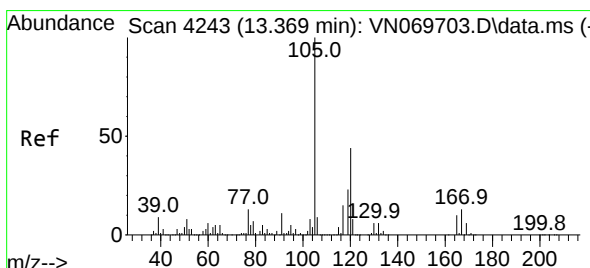
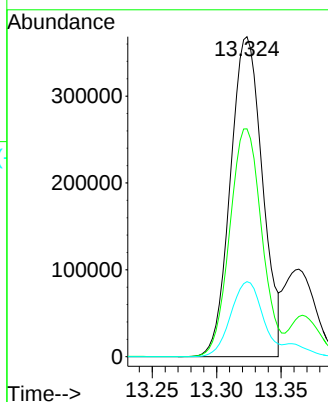
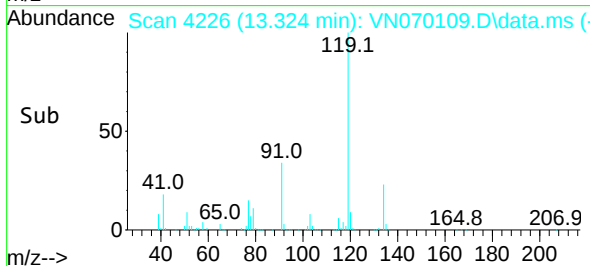
Instrument :
MSVOA_N
ClientSampleId :
VN1215WBSD01



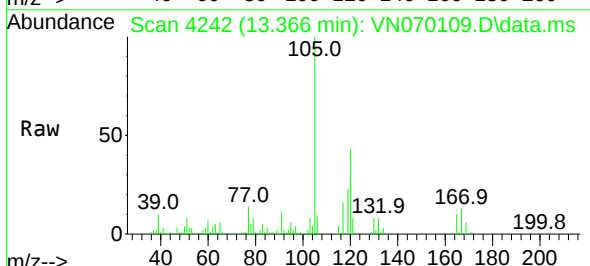
Tgt Ion:119 Resp: 63831
Ion Ratio Lower Upper
119 100
91 71.7 31.5 94.5
134 23.5 12.4 37.4

Manual Integrations
APPROVED

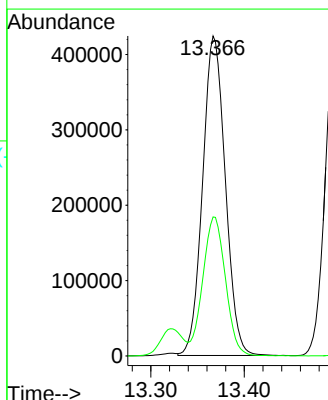
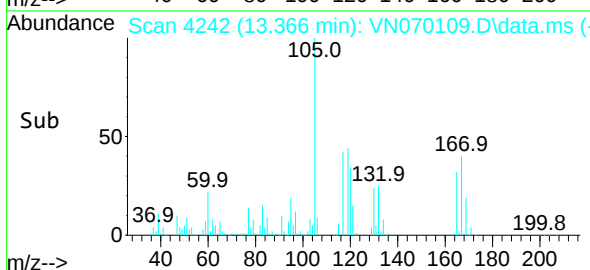
Reviewed By :John Carlone 12/16/2021
Supervised By :Amit Patel 12/16/2021

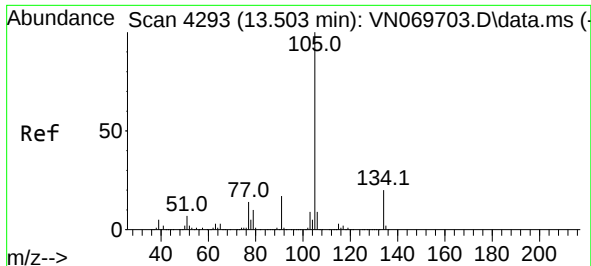


#84
1,2,4-Trimethylbenzene
Concen: 19.248 ug/l
RT: 13.366 min Scan# 4242
Delta R.T. -0.003 min
Lab File: VN070109.D
Acq: 15 Dec 2021 14:11



Tgt Ion:105 Resp: 715062
Ion Ratio Lower Upper
105 100
120 43.6 22.8 68.4





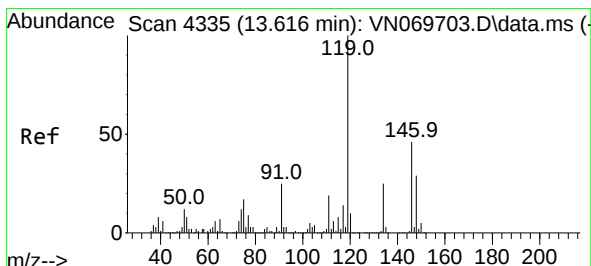
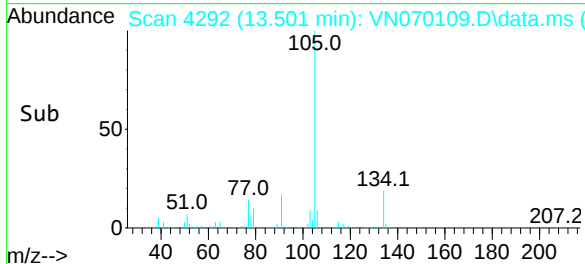
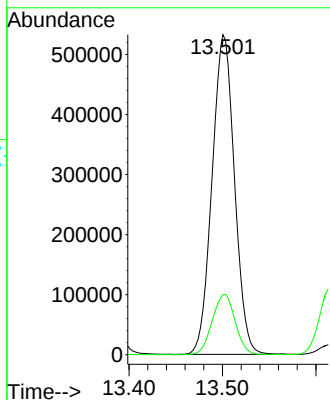
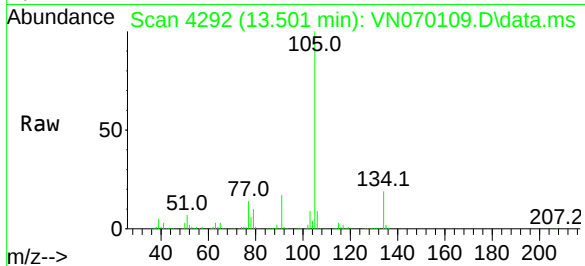
#85
 sec-Butylbenzene
 Concen: 18.977 ug/l
 RT: 13.501 min Scan# 4292
 Delta R.T. -0.003 min
 Lab File: VN070109.D
 Acq: 15 Dec 2021 14:11

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1215WBSD01

Tgt Ion:105 Resp: 889060
 Ion Ratio Lower Upper
 105 100
 134 19.3 10.4 31.1

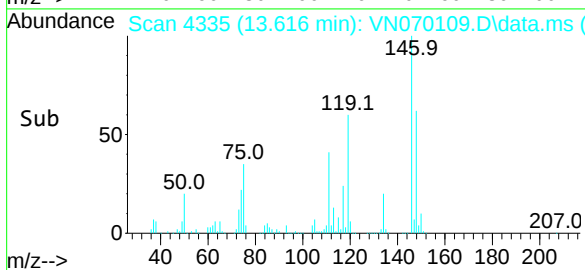
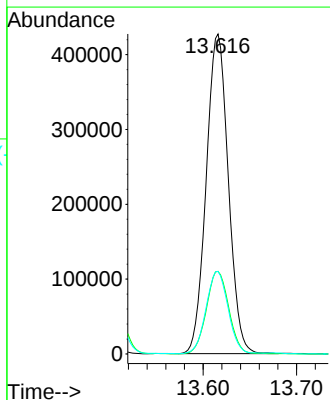
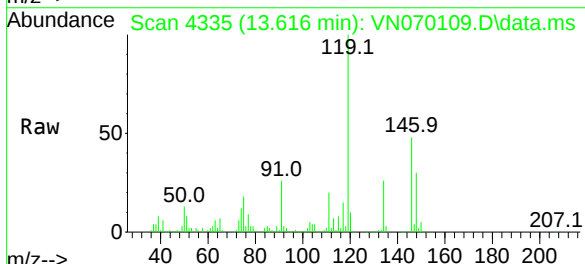
Manual Integrations
 APPROVED

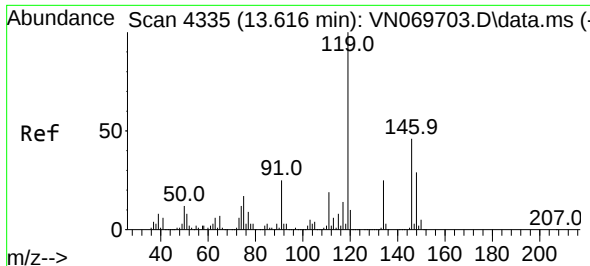
Reviewed By :John Carlone 12/16/2021
 Supervised By :Amit Patel 12/16/2021



#86
 p-Isopropyltoluene
 Concen: 19.144 ug/l
 RT: 13.616 min Scan# 4335
 Delta R.T. 0.000 min
 Lab File: VN070109.D
 Acq: 15 Dec 2021 14:11

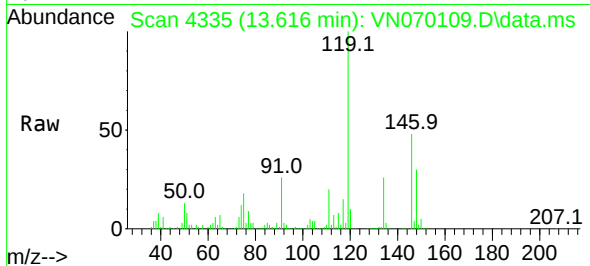
Tgt Ion:119 Resp: 701076
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.6 40.7
 91 25.7 11.4 34.1





#87
1,3-Dichlorobenzene
Concen: 19.163 ug/l
RT: 13.616 min Scan# 4335
Delta R.T. 0.000 min
Lab File: VN070109.D
Acq: 15 Dec 2021 14:11

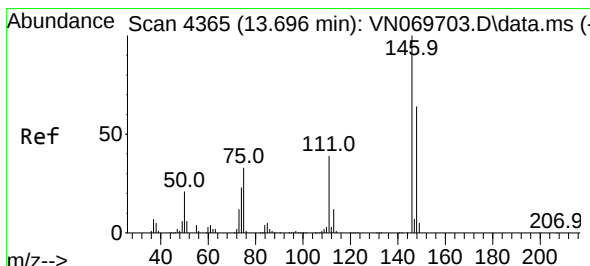
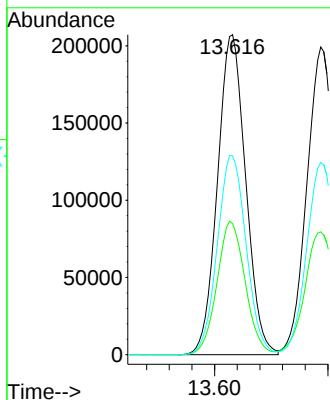
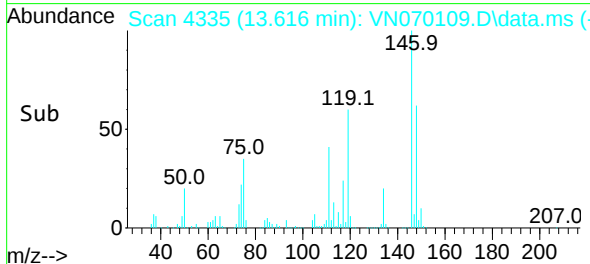
Instrument :
MSVOA_N
ClientSampleId :
VN1215WBSD01



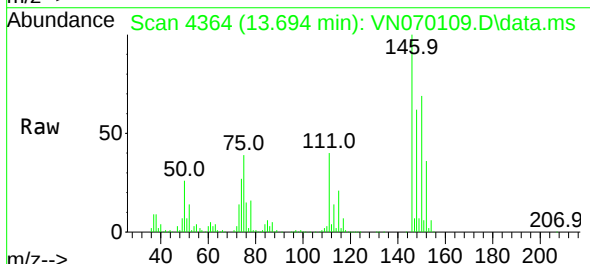
Tgt Ion:146 Resp: 358379
Ion Ratio Lower Upper
146 100
111 41.6 18.6 55.6
148 63.8 31.6 95.0

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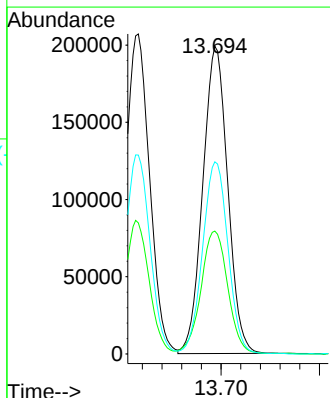
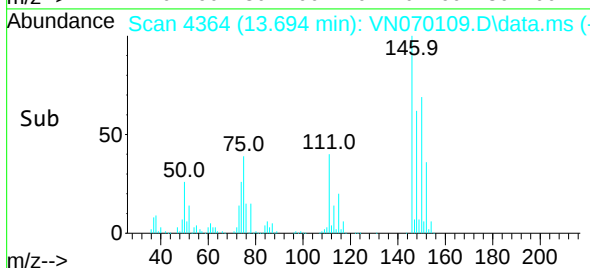
Reviewed By :John Carlone 12/16/2021
Supervised By :Amit Patel 12/16/2021



#88
1,4-Dichlorobenzene
Concen: 19.062 ug/l
RT: 13.694 min Scan# 4364
Delta R.T. -0.003 min
Lab File: VN070109.D
Acq: 15 Dec 2021 14:11



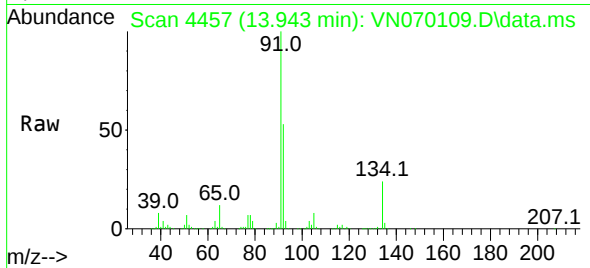
Tgt Ion:146 Resp: 350321
Ion Ratio Lower Upper
146 100
111 42.7 18.3 54.8
148 63.5 31.8 95.4





#89
n-Butylbenzene
Concen: 18.836 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. 0.000 min
Lab File: VN070109.D
Acq: 15 Dec 2021 14:11

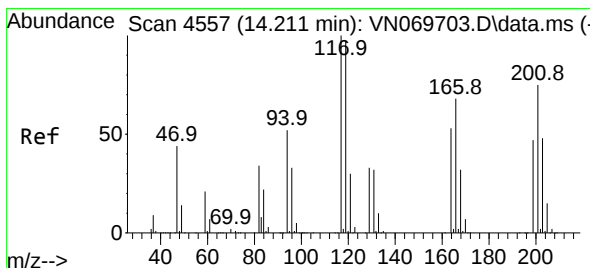
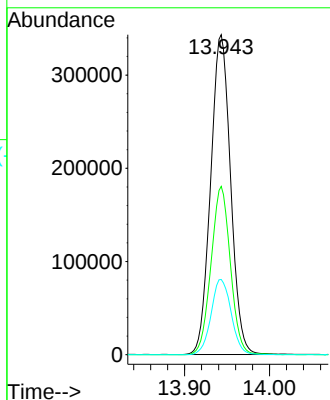
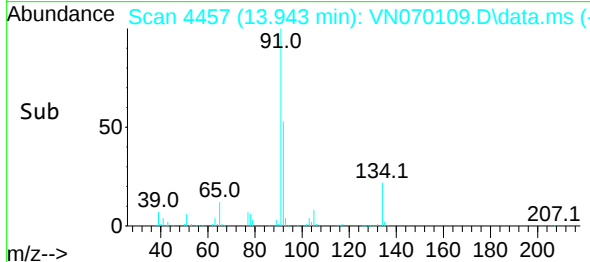
Instrument :
MSVOA_N
ClientSampleId :
VN1215WBSD01



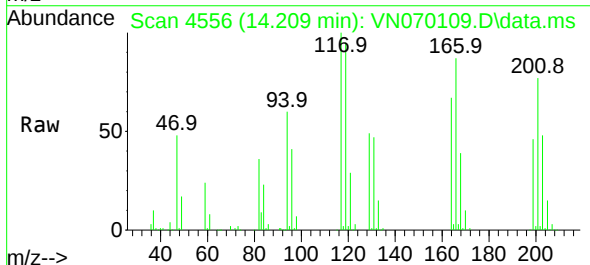
Tgt Ion: 91 Resp: 559559
Ion Ratio Lower Upper
91 100
92 51.1 25.4 76.0
134 23.7 13.6 40.8

Manual Integrations
APPROVED

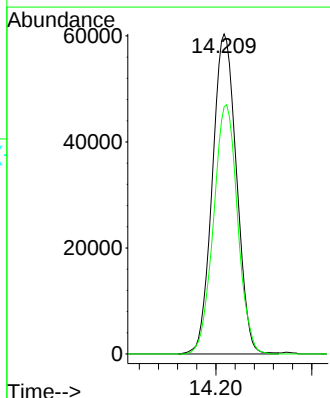
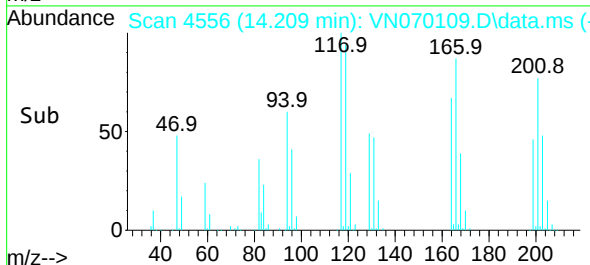
Reviewed By :John Carlone 12/16/2021
Supervised By :Amit Patel 12/16/2021

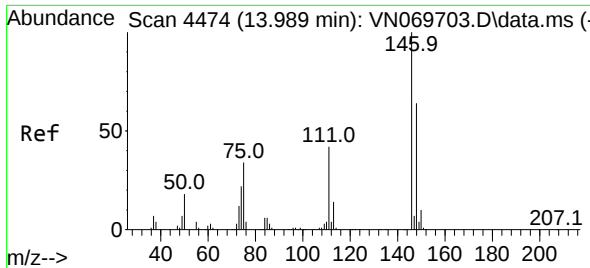


#90
Hexachloroethane
Concen: 16.409 ug/l
RT: 14.209 min Scan# 4556
Delta R.T. -0.003 min
Lab File: VN070109.D
Acq: 15 Dec 2021 14:11



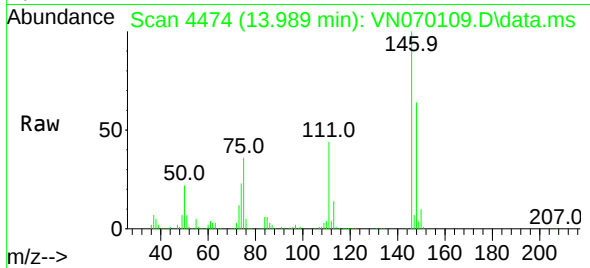
Tgt Ion:117 Resp: 105505
Ion Ratio Lower Upper
117 100
201 77.6 43.9 131.6





#91
1,2-Dichlorobenzene
Concen: 19.131 ug/l
RT: 13.989 min Scan# 4474
Delta R.T. 0.000 min
Lab File: VN070109.D
Acq: 15 Dec 2021 14:11

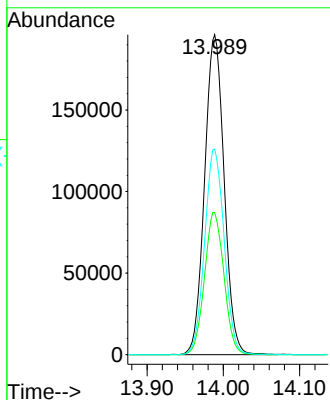
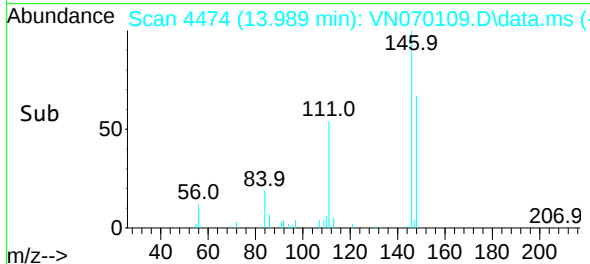
Instrument :
MSVOA_N
ClientSampleId :
VN1215WBSD01



Tgt Ion:146 Resp: 348600
Ion Ratio Lower Upper
146 100
111 44.4 19.1 57.3
148 64.5 32.1 96.3

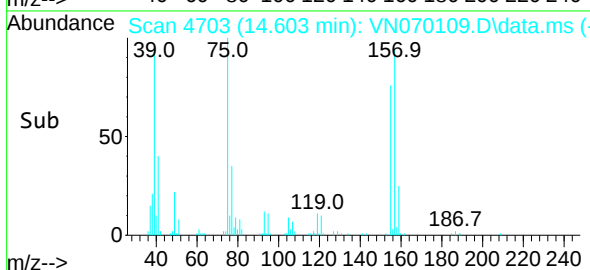
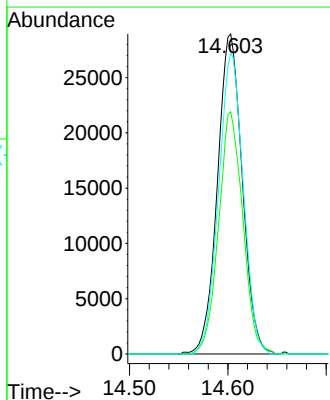
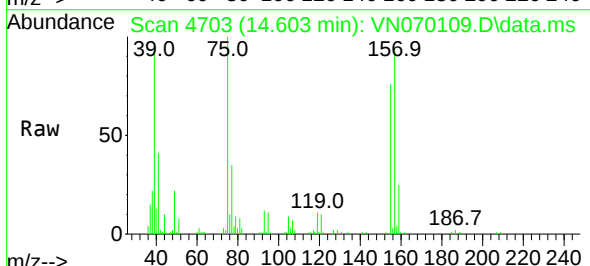
Manual Integrations
APPROVED

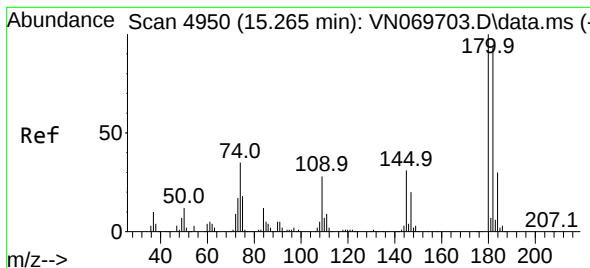
Reviewed By :John Carlone 12/16/2021
Supervised By :Amit Patel 12/16/2021



#92
1,2-Dibromo-3-Chloropropane
Concen: 16.768 ug/l
RT: 14.603 min Scan# 4703
Delta R.T. 0.000 min
Lab File: VN070109.D
Acq: 15 Dec 2021 14:11

Tgt Ion: 75 Resp: 50780
Ion Ratio Lower Upper
75 100
155 73.8 46.9 140.7
157 93.2 60.6 181.7





#93

1,2,4-Trichlorobenzene

Concen: 19.001 ug/l

RT: 15.263 min Scan# 4950

Delta R.T. -0.002 min

Lab File: VN070109.D

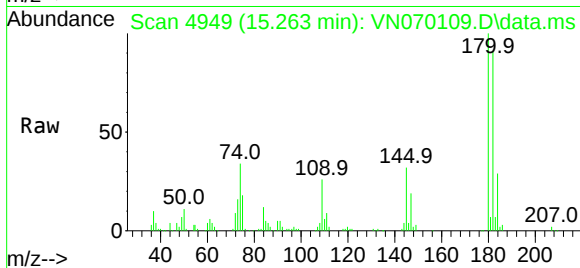
Acq: 15 Dec 2021 14:11

Instrument :

MSVOA_N

ClientSampleId :

VN1215WBSD01



Tgt Ion:180 Resp: 152894

Ion Ratio Lower Upper

180 100

182 93.8 48.3 144.9

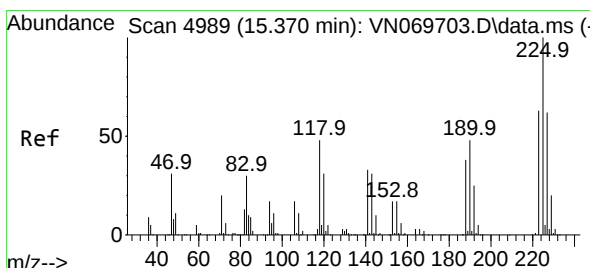
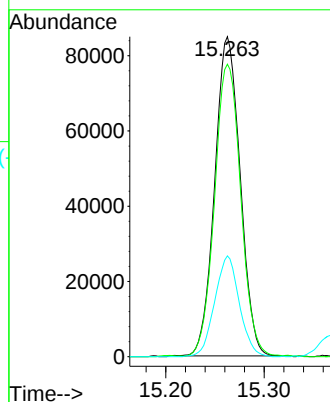
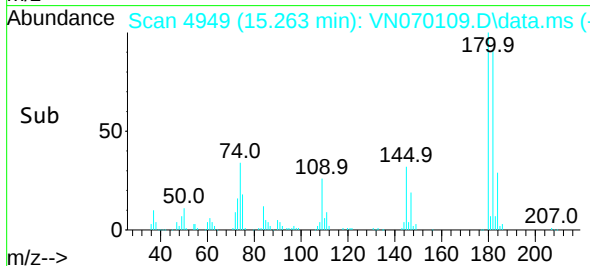
145 30.5 14.5 43.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/16/2021

Supervised By :Amit Patel 12/16/2021



#94

Hexachlorobutadiene

Concen: 20.281 ug/l

RT: 15.367 min Scan# 4988

Delta R.T. -0.003 min

Lab File: VN070109.D

Acq: 15 Dec 2021 14:11

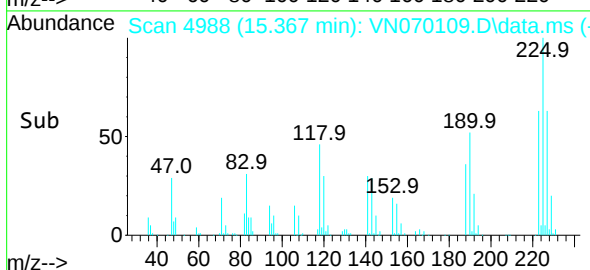
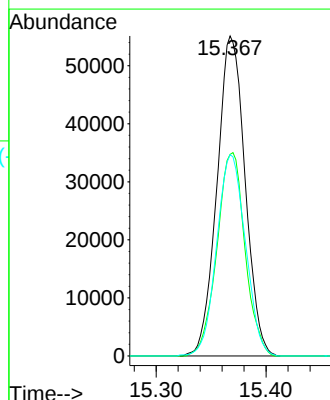
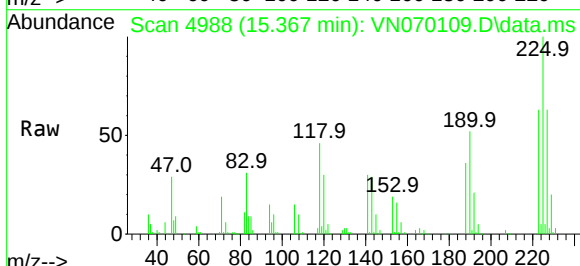
Tgt Ion:225 Resp: 97937

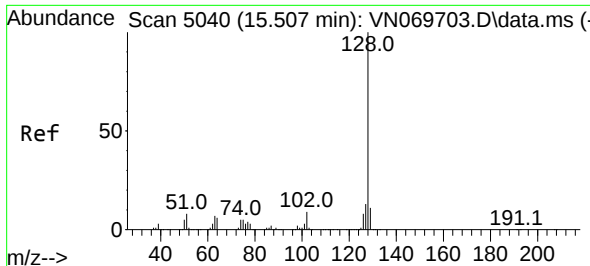
Ion Ratio Lower Upper

225 100

223 63.3 31.9 95.7

227 64.4 32.1 96.3





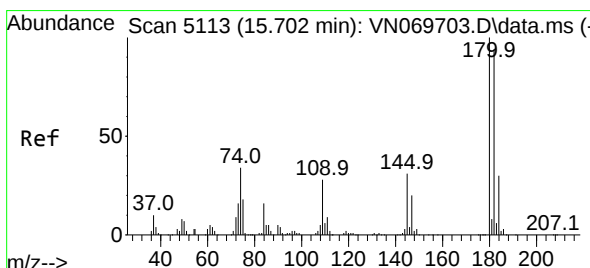
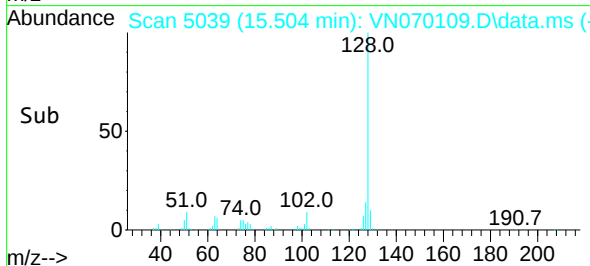
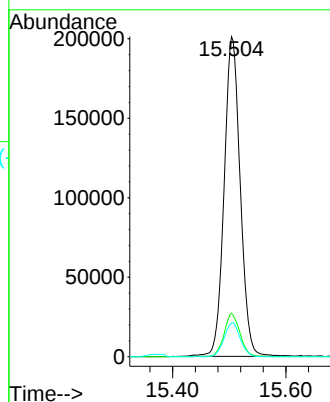
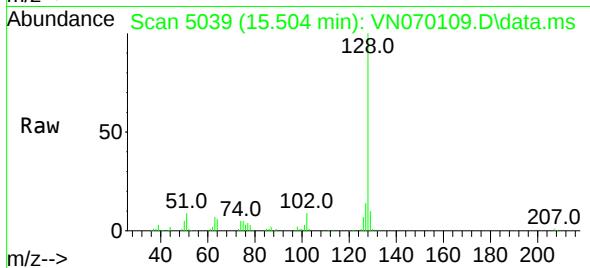
#95
Naphthalene
Concen: 17.732 ug/l
RT: 15.504 min Scan# 5040
Delta R.T. -0.003 min
Lab File: VN070109.D
Acq: 15 Dec 2021 14:11

Instrument :
MSVOA_N
ClientSampleId :
VN1215WBSD01

Tgt Ion:128 Resp: 39762
Ion Ratio Lower Upper
128 100
127 13.3 10.5 15.7
129 10.6 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: 18.841 ug/l
RT: 15.700 min Scan# 5112
Delta R.T. -0.002 min
Lab File: VN070109.D
Acq: 15 Dec 2021 14:11

Tgt Ion:180 Resp: 150207
Ion Ratio Lower Upper
180 100
182 96.0 47.4 142.2
145 33.0 15.0 45.1

