

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120721\
 Data File : VN069846.D
 Acq On : 8 Dec 2021 5:48
 Operator : JC/MD
 Sample : M4956-13MSD
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW202D1-20211204MSD

Quant Time: Dec 08 06:40:29 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

Manual Integrations APPROVED

Reviewed By : John Carlone 12/08/2021
 Supervised By : Amit Patel 12/14/2021

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	1019192	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1702109	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1619558	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	681302	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	738712	46.943	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	93.880%		
35) Dibromofluoromethane	8.021	113	506827	47.537	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	95.080%		
50) Toluene-d8	10.441	98	2014812	47.064	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	94.120%		
62) 4-Bromofluorobenzene	12.731	95	728053	46.943	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	93.880%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.073	85	608361	51.177	ug/l	100
3) Chloromethane	2.303	50	702180	47.149	ug/l	97
4) Vinyl Chloride	2.448	62	672890	49.138	ug/l	99
5) Bromomethane	2.853	94	398308	53.539	ug/l	99
6) Chloroethane	3.019	64	406230	48.410	ug/l	97
7) Trichlorofluoromethane	3.379	101	876156	48.750	ug/l	98
8) Diethyl Ether	3.824	74	352406	50.911	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.208	101	506633	50.288	ug/l	96
10) Methyl Iodide	4.422	142	710346	51.612	ug/l	97
11) Tert butyl alcohol	5.374	59	497692	167.317	ug/l	99
12) 1,1-Dichloroethene	4.183	96	483321	49.785	ug/l	87
13) Acrolein	4.039	56	799912	315.785	ug/l	98
14) Allyl chloride	4.841	41	1074678	49.126	ug/l	94
15) Acrylonitrile	5.554	53	1802110	224.833	ug/l	99
16) Acetone	4.285	43	1620602	171.200	ug/l	96
17) Carbon Disulfide	4.529	76	1254684	50.025	ug/l	99
18) Methyl Acetate	4.854	43	1204228	42.146	ug/l	91
19) Methyl tert-butyl Ether	5.616	73	1918795	50.832	ug/l	96
20) Methylene Chloride	5.095	84	602219	47.856	ug/l #	84
21) trans-1,2-Dichloroethene	5.600	96	518819	49.202	ug/l	85
22) Diisopropyl ether	6.495	45	2238179	52.345	ug/l	94
23) Vinyl Acetate	6.434	43	8475184	243.636	ug/l #	94
24) 1,1-Dichloroethane	6.388	63	1141640	51.543	ug/l	98
25) 2-Butanone	7.335	43	2573295	200.074	ug/l	91
26) 2,2-Dichloropropane	7.324	77	720144	41.817	ug/l	97
27) cis-1,2-Dichloroethene	7.327	96	637169	50.014	ug/l	88
28) Bromochloromethane	7.657	49	598511	51.964	ug/l #	77
29) Tetrahydrofuran	7.683	42	1697671	217.373	ug/l	88
30) Chloroform	7.818	83	1132280	50.618	ug/l	99
31) Cyclohexane	8.094	56	1075601	49.115	ug/l	88
32) 1,1,1-Trichloroethane	8.013	97	973227	51.077	ug/l	95
36) 1,1-Dichloropropene	8.223	75	819180	50.556	ug/l	96
37) Ethyl Acetate	7.413	43	1002283	41.559	ug/l	96
38) Carbon Tetrachloride	8.206	117	817040	51.420	ug/l	98
39) Methylcyclohexane	9.459	83	968344	50.242	ug/l	89
40) Benzene	8.459	78	2478923	50.051	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.635	41	544048	48.056	ug/l	89
42) 1,2-Dichloroethane	8.528	62	1001052	50.069	ug/l	96
43) Isopropyl Acetate	8.560	43	1650506	46.247	ug/l #	95
44) Trichloroethene	9.218	130	591985	50.078	ug/l	90
45) 1,2-Dichloropropane	9.488	63	680608	51.173	ug/l	100
46) Dibromomethane	9.577	93	430227	49.323	ug/l	94
47) Bromodichloromethane	9.762	83	859629	52.051	ug/l	99
48) Methyl methacrylate	9.558	41	795040	47.735	ug/l	88
49) 1,4-Dioxane	9.569	88	207058	692.858	ug/l #	85
51) 4-Methyl-2-Pentanone	10.331	43	5450828	235.431	ug/l	95
52) Toluene	10.505	92	1538665	50.886	ug/l	99
53) t-1,3-Dichloropropene	10.717	75	899016	45.518	ug/l	100
54) cis-1,3-Dichloropropene	10.188	75	970576	46.689	ug/l #	88
55) 1,1,2-Trichloroethane	10.896	97	608639	49.887	ug/l	98
56) Ethyl methacrylate	10.760	69	1034744	45.180	ug/l #	87
57) 1,3-Dichloropropane	11.044	76	1097408	51.085	ug/l	100
59) 2-Hexanone	11.084	43	3814174	217.777	ug/l	93
60) Dibromochloromethane	11.237	129	612631	47.015	ug/l	99
61) 1,2-Dibromoethane	11.344	107	631637	49.985	ug/l	99
64) Tetrachloroethene	10.977	164	525957	47.894	ug/l	94
65) Chlorobenzene	11.768	112	1624488	49.443	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.840	131	593596	51.330	ug/l	100
67) Ethyl Benzene	11.843	91	3035593	50.863	ug/l	95
68) m/p-Xylenes	11.953	106	2209964	101.697	ug/l	91
69) o-Xylene	12.280	106	1101709	50.332	ug/l	90
70) Styrene	12.294	104	1791488	51.615	ug/l	95
71) Bromoform	12.457	173	445964	45.357	ug/l #	99
73) Isopropylbenzene	12.578	105	2918477	48.146	ug/l	98
74) N-amyl acetate	12.388	43	1170403	43.660	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.825	83	950636	45.352	ug/l	99
76) 1,2,3-Trichloropropane	12.878	75	802518m	41.074	ug/l	
77) Bromobenzene	12.860	156	666746	46.828	ug/l	79
78) n-propylbenzene	12.919	91	3288269	48.749	ug/l	96
79) 2-Chlorotoluene	13.007	91	2049683	48.090	ug/l	93
80) 1,3,5-Trimethylbenzene	13.058	105	2379317	48.767	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.624	75	235864	40.362	ug/l	92
82) 4-Chlorotoluene	13.104	91	1941121	48.428	ug/l	92
83) tert-Butylbenzene	13.321	119	2094550	48.483	ug/l	93
84) 1,2,4-Trimethylbenzene	13.367	105	2337115	50.298	ug/l	97
85) sec-Butylbenzene	13.501	105	2854587	48.714	ug/l	98
86) p-Isopropyltoluene	13.613	119	2276349	49.697	ug/l	96
87) 1,3-Dichlorobenzene	13.613	146	1122585	47.993	ug/l	97
88) 1,4-Dichlorobenzene	13.694	146	1081726	47.059	ug/l	97
89) n-Butylbenzene	13.943	91	1802717	48.517	ug/l	97
90) Hexachloroethane	14.209	117	399661	49.698	ug/l	88
91) 1,2-Dichlorobenzene	13.989	146	1096812	48.125	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.603	75	168004	44.355	ug/l	78
93) 1,2,4-Trichlorobenzene	15.263	180	482060	43.521	ug/l	99
94) Hexachlorobutadiene	15.367	225	275277	45.575	ug/l	98
95) Naphthalene	15.504	128	1318568	40.431	ug/l	99
96) 1,2,3-Trichlorobenzene	15.700	180	475209	43.932	ug/l	98

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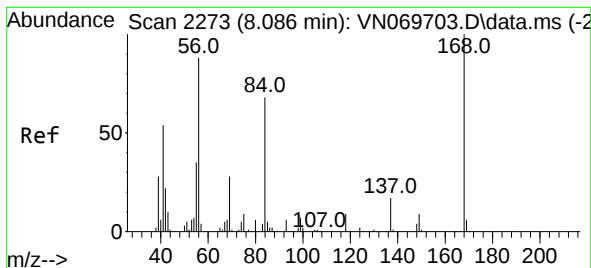
Manual Integrations
APPROVED

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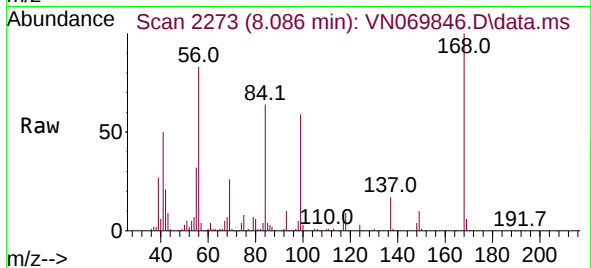
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.000 min
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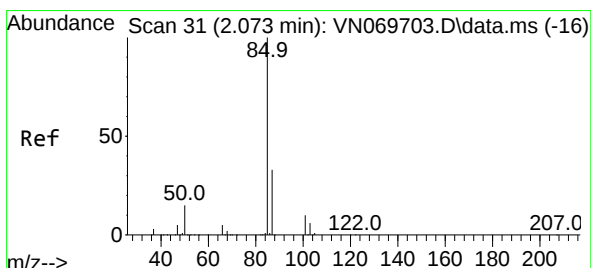
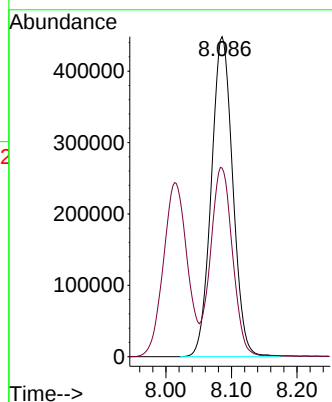
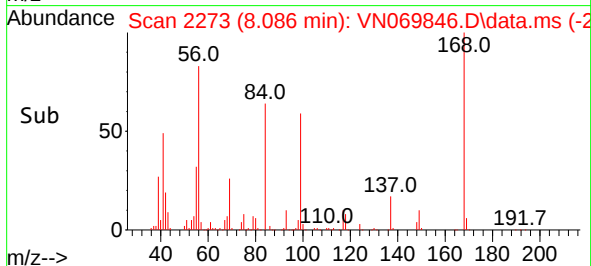
Instrument :
MSVOA_N
ClientSampleId :
MW202D1-20211204MSD



Tgt Ion:168 Resp: 101919
Ion Ratio Lower Upper
168 100
99 58.7 41.3 61.9

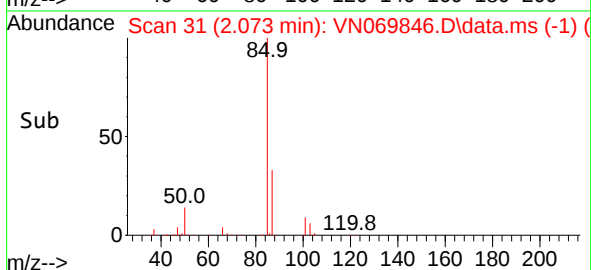
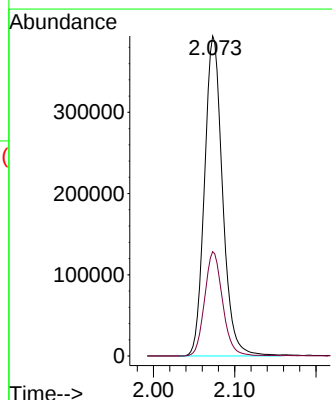
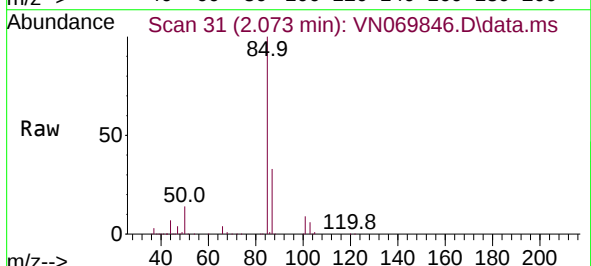
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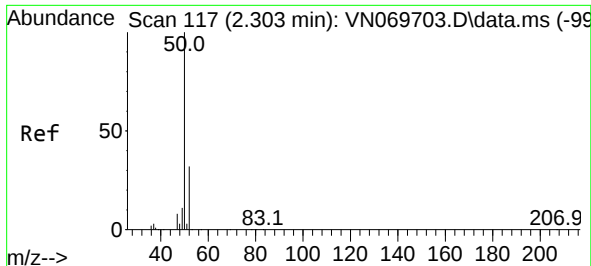
Reviewed By :John Carlone 12/08/2021
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#2
Dichlorodifluoromethane
Concen: 51.177 ug/l
RT: 2.073 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN069846.D
Acq: 8 Dec 2021 5:48

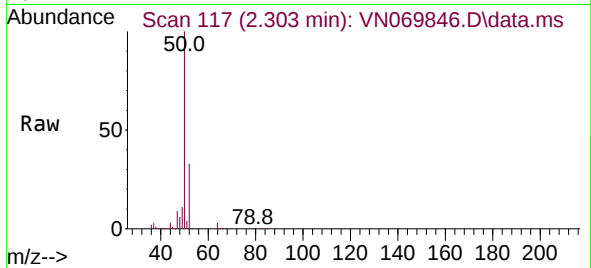
Tgt Ion: 85 Resp: 608361
Ion Ratio Lower Upper
85 100
87 32.6 16.3 48.9





#3
Chloromethane
Concen: 47.149 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN069846.D
Acq: 8 Dec 2021 5:48

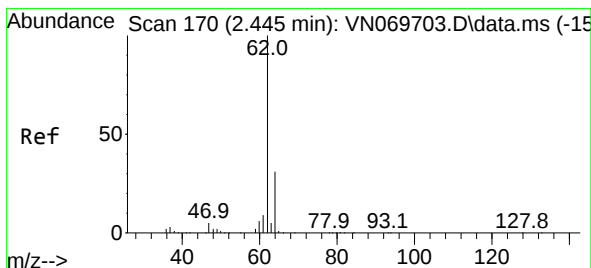
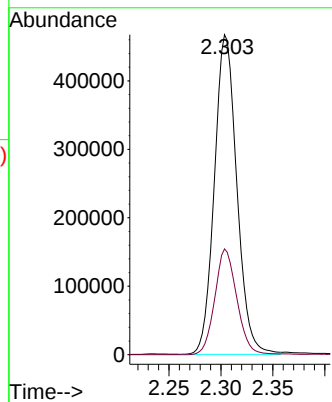
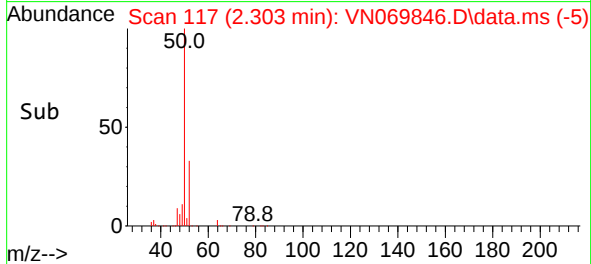
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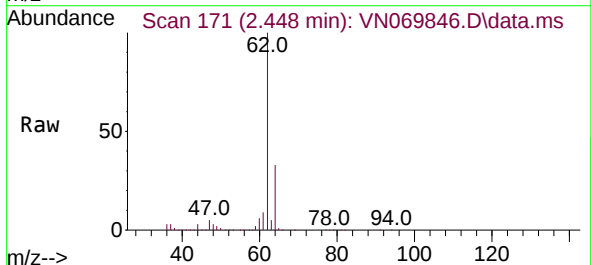
Tgt Ion: 50 Resp: 702180
Ion Ratio Lower Upper
50 100
52 33.1 25.4 38.0

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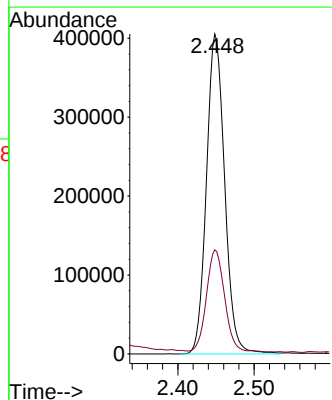
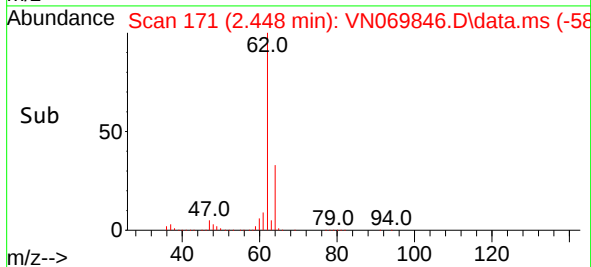
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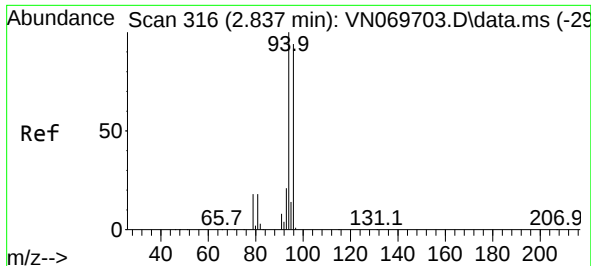


#4
Vinyl Chloride
Concen: 49.138 ug/l
RT: 2.448 min Scan# 171
Delta R.T. 0.003 min
Lab File: VN069846.D
Acq: 8 Dec 2021 5:48



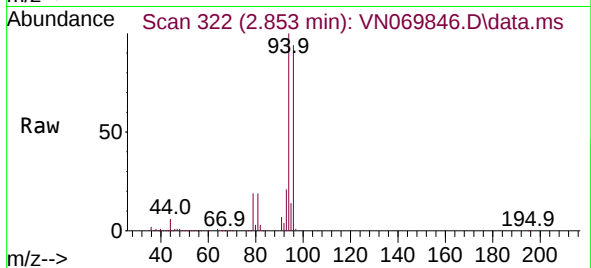
Tgt Ion: 62 Resp: 672890
Ion Ratio Lower Upper
62 100
64 31.8 25.8 38.6





#5
Bromomethane
Concen: 53.539 ug/l
RT: 2.853 min Scan# 316
Delta R.T. 0.016 min
Lab File: VN069846.D
Acq: 8 Dec 2021 5:48

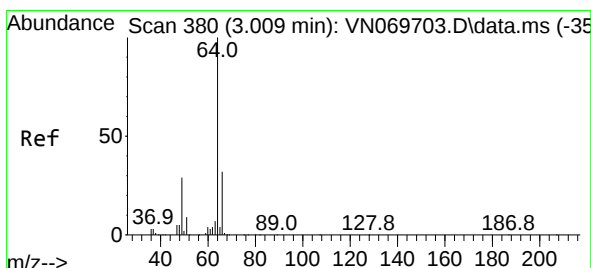
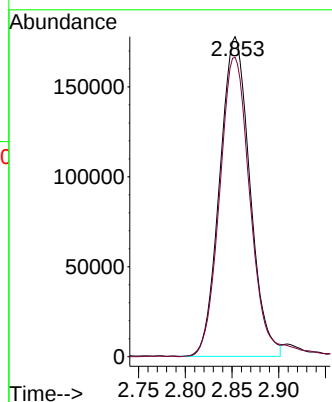
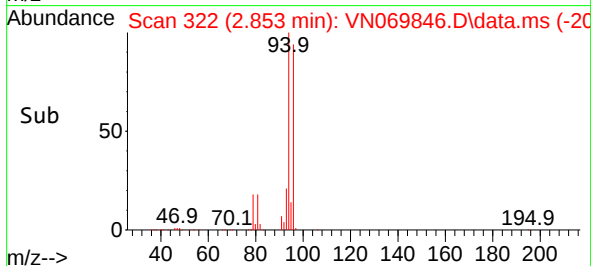
Instrument :
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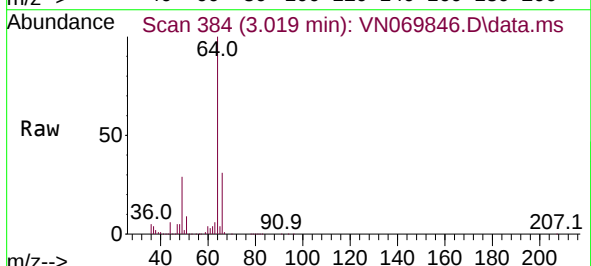
Tgt Ion: 94 Resp: 398308
Ion Ratio Lower Upper
94 100
96 93.6 73.8 110.8

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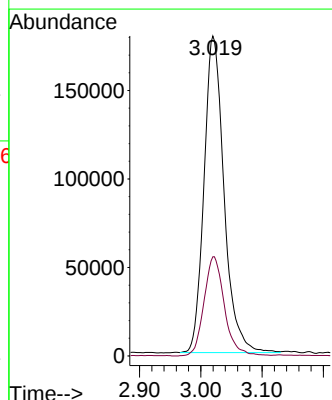
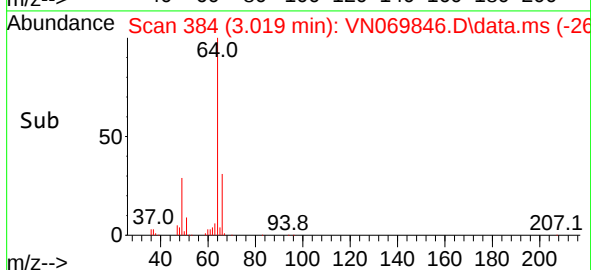
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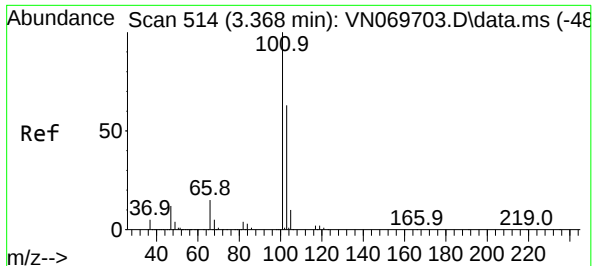


#6
Chloroethane
Concen: 48.410 ug/l
RT: 3.019 min Scan# 384
Delta R.T. 0.011 min
Lab File: VN069846.D
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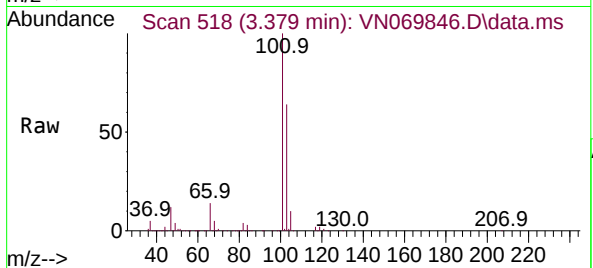
Tgt Ion: 64 Resp: 406230
Ion Ratio Lower Upper
64 100
66 31.2 26.3 39.5





#7
 Trichlorofluoromethane
 Concen: 48.750 ug/l
 RT: 3.379 min Scan# 514
 Delta R.T. 0.011 min
 Lab File: VN069846.D
 Acq: 8 Dec 2021 5:48

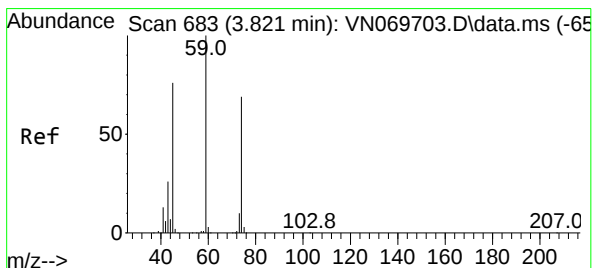
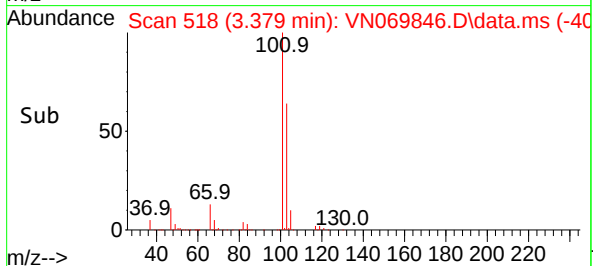
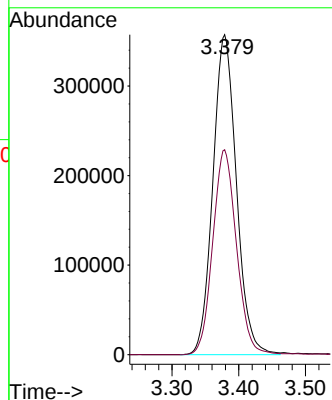
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Tgt Ion: 101 Resp: 876150
 Ion Ratio Lower Upper
 101 100
 103 64.0 50.1 75.1

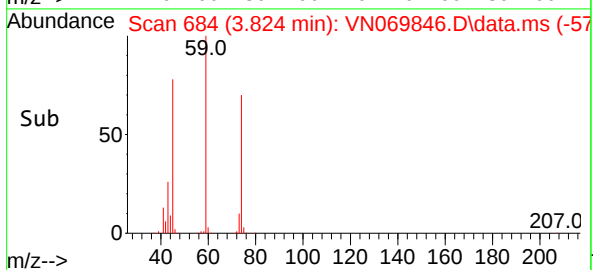
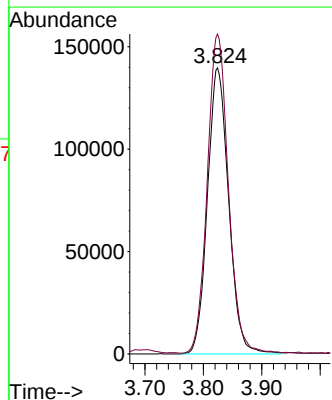
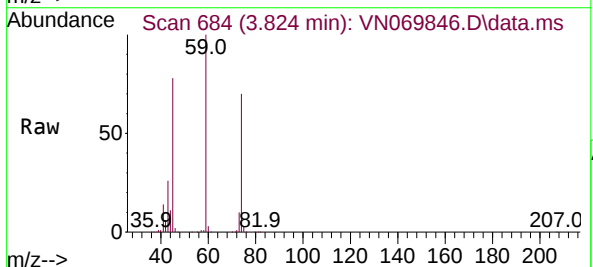
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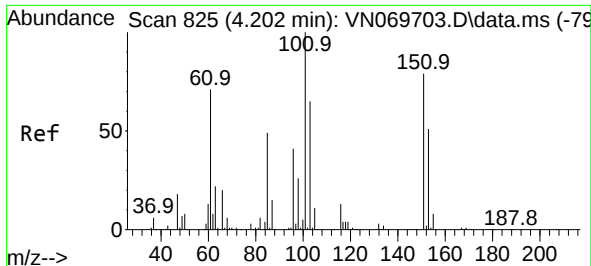
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#8
 Diethyl Ether
 Concen: 50.911 ug/l
 RT: 3.824 min Scan# 684
 Delta R.T. 0.003 min
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Tgt Ion: 74 Resp: 352406
 Ion Ratio Lower Upper
 74 100
 45 110.8 47.0 141.2





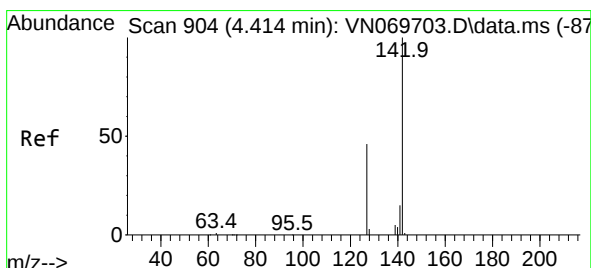
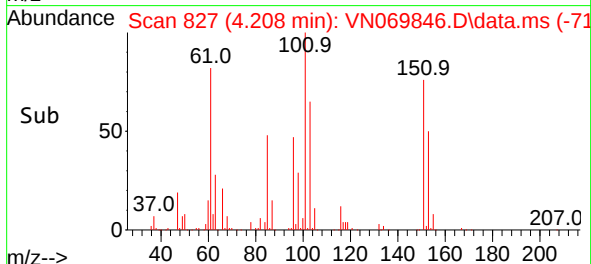
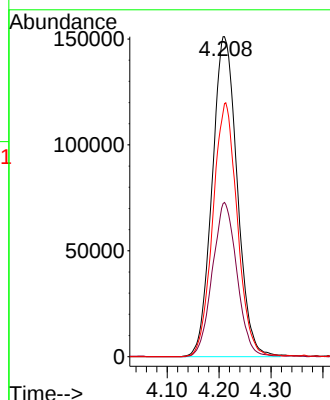
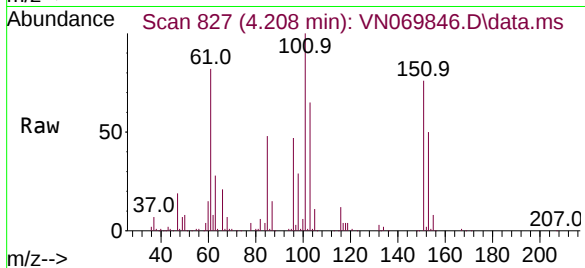
#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.288 ug/l
RT: 4.208 min Scan# 81
Delta R.T. 0.006 min
Lab File: VN069846.D
Acq: 8 Dec 2021 5:48

Instrument :
MSVOA_N
ClientSampleId :
MW202D1-20211204MSD

Tgt Ion:101 Resp: 50663
Ion Ratio Lower Upper
101 100
85 47.3 37.2 55.8
151 77.3 65.9 98.9

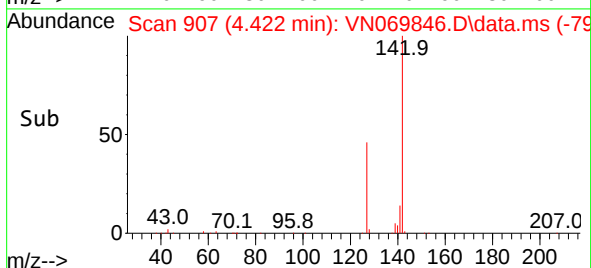
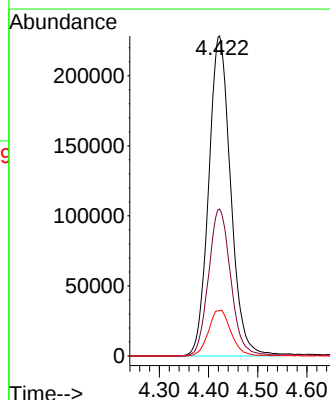
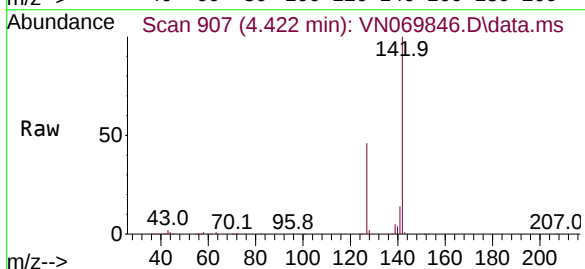
Manual Integrations
APPROVED

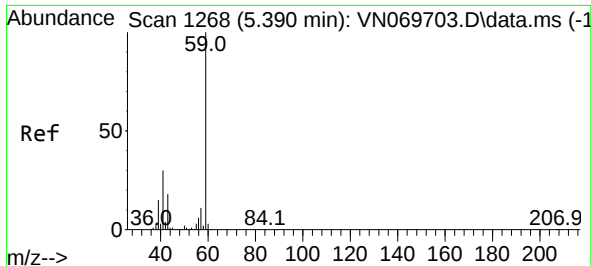
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021



#10
Methyl Iodide
Concen: 51.612 ug/l
RT: 4.422 min Scan# 907
Delta R.T. 0.008 min
Lab File: VN069846.D
Acq: 8 Dec 2021 5:48

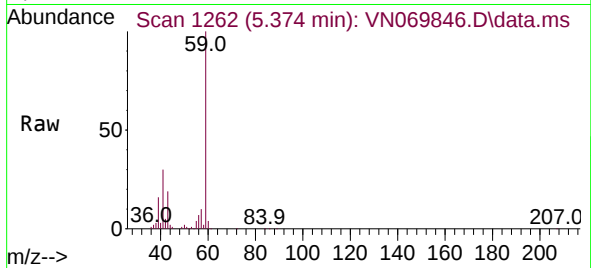
Tgt Ion:142 Resp: 710346
Ion Ratio Lower Upper
142 100
127 46.4 35.4 53.0
141 14.6 11.6 17.4





#11
Tert butyl alcohol
Concen: 167.317 ug/l
RT: 5.374 min Scan# 11
Delta R.T. -0.016 min
Lab File: VN069846.D
Acq: 8 Dec 2021 5:48

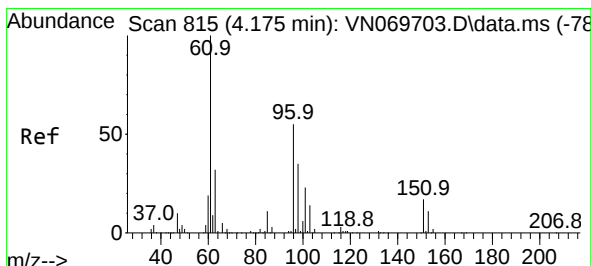
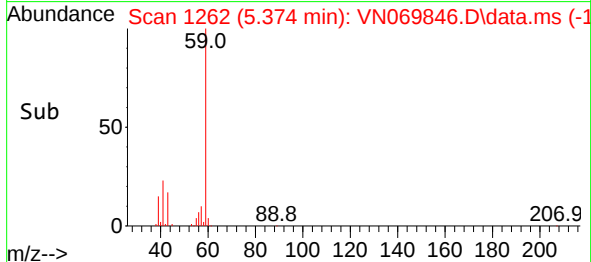
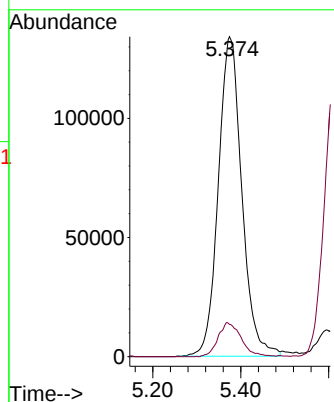
Instrument :
MSVOA_N
ClientSampleId :
MW202D1-20211204MSD



Tgt Ion: 59 Resp: 497692
Ion Ratio Lower Upper
59 100
57 10.5 8.7 13.1

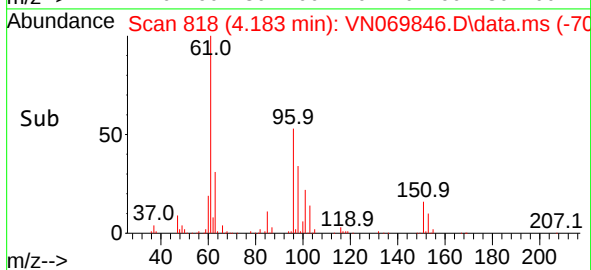
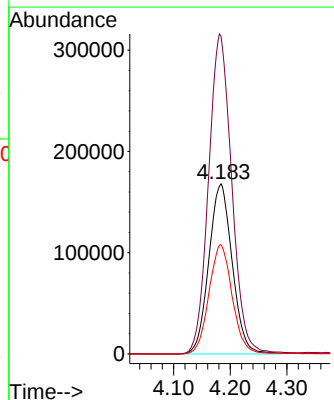
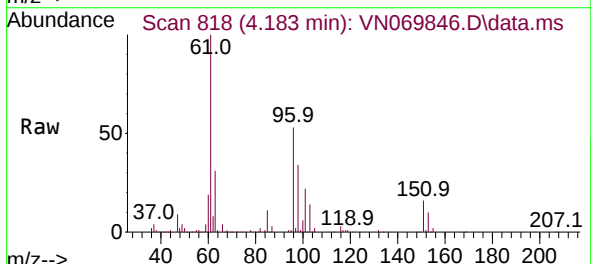
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021



#12
1,1-Dichloroethene
Concen: 49.785 ug/l
RT: 4.183 min Scan# 818
Delta R.T. 0.008 min
Lab File: VN069846.D
Acq: 8 Dec 2021 5:48

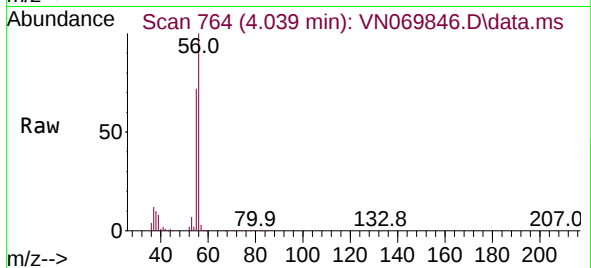
Tgt Ion: 96 Resp: 483321
Ion Ratio Lower Upper
96 100
61 186.8 131.0 196.6
98 64.2 52.4 78.6





#13
Acrolein
Concen: 315.785 ug/l
RT: 4.039 min Scan# 70
Delta R.T. 0.000 min
Lab File: VN069846.D
Acq: 8 Dec 2021 5:48

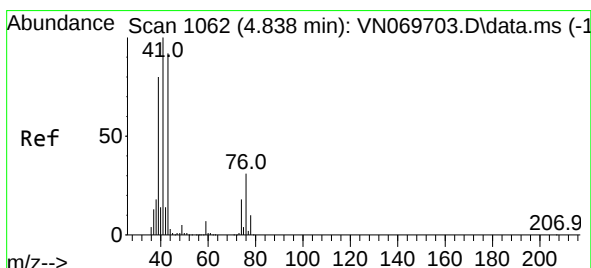
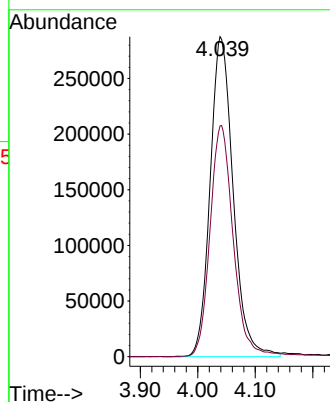
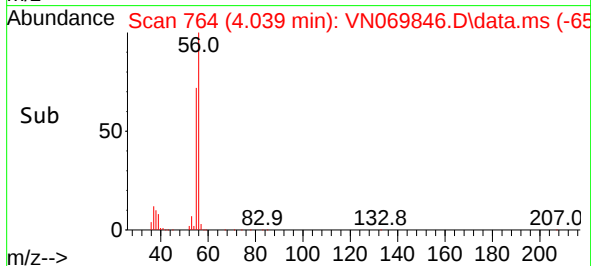
Instrument :
MSVOA_N
ClientSampleId :
MW202D1-20211204MSD



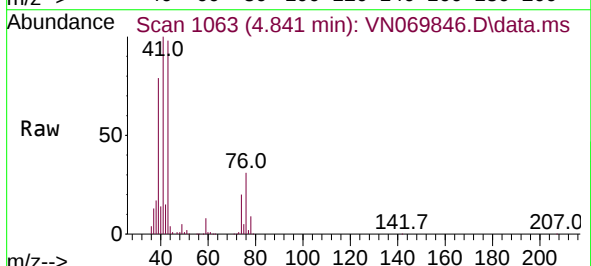
Tgt Ion: 56 Resp: 799912
Ion Ratio Lower Upper
56 100
55 72.3 56.6 85.0

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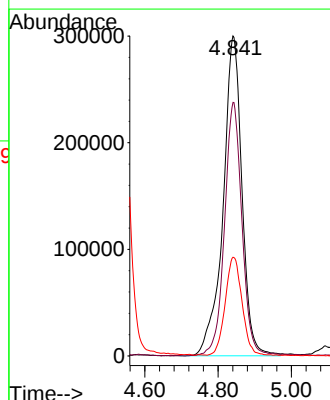
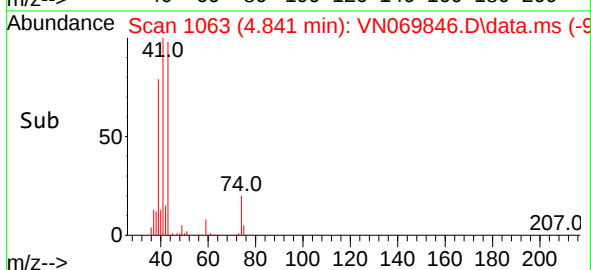
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021

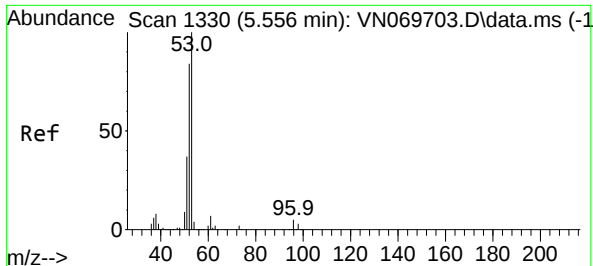


#14
Allyl chloride
Concen: 49.126 ug/l
RT: 4.841 min Scan# 1063
Delta R.T. 0.003 min
Lab File: VN069846.D
Acq: 8 Dec 2021 5:48



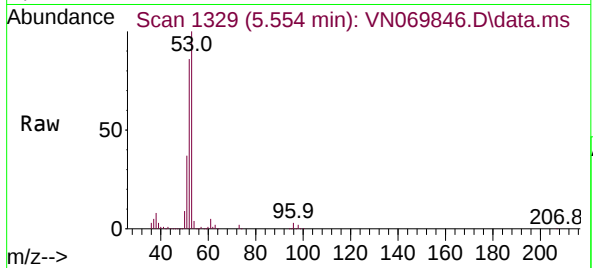
Tgt Ion: 41 Resp: 1074678
Ion Ratio Lower Upper
41 100
39 73.1 61.2 91.8
76 27.1 26.0 39.0





#15
Acrylonitrile
Concen: 224.833 ug/l
RT: 5.554 min Scan# 1330
Delta R.T. -0.002 min
Lab File: VN069846.D
Acq: 8 Dec 2021 5:48

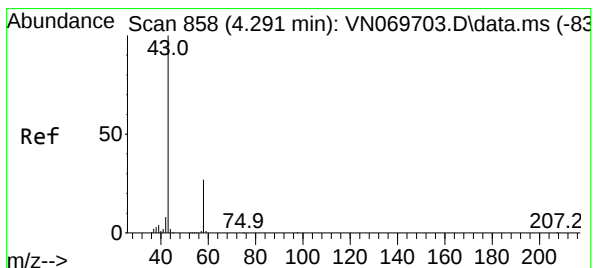
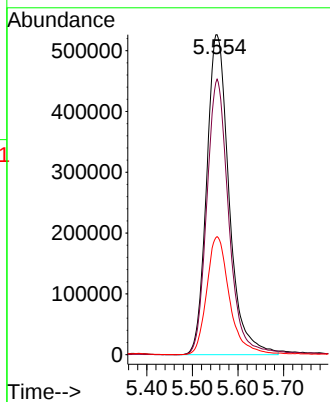
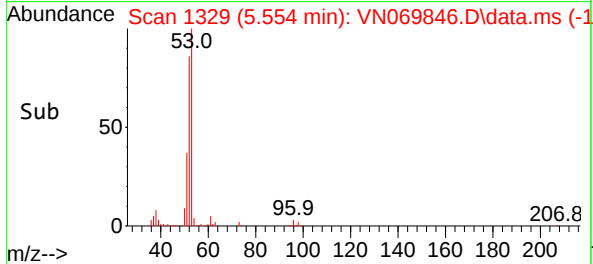
Instrument : MSVOA_N
ClientSampleId : MW202D1-20211204MSD



Tgt Ion: 53 Resp: 1802110
Ion Ratio Lower Upper
53 100
52 84.1 66.2 99.2
51 37.5 29.6 44.4

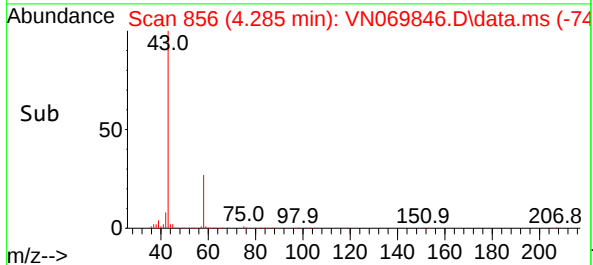
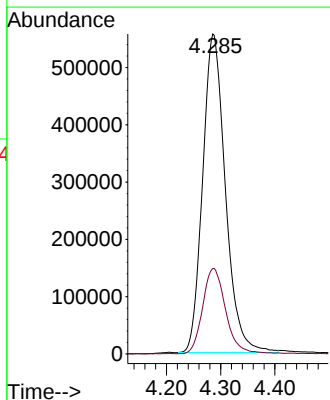
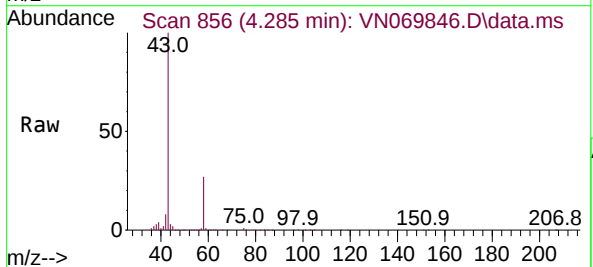
Manual Integrations
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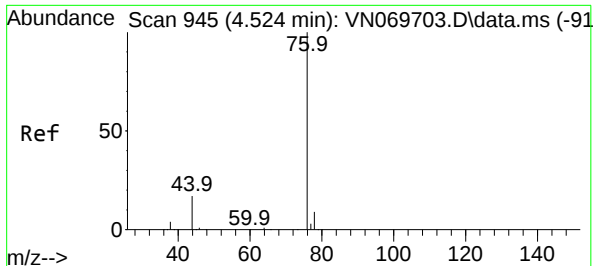
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021



#16
Acetone
Concen: 171.200 ug/l
RT: 4.285 min Scan# 856
Delta R.T. -0.005 min
Lab File: VN069846.D
Acq: 8 Dec 2021 5:48

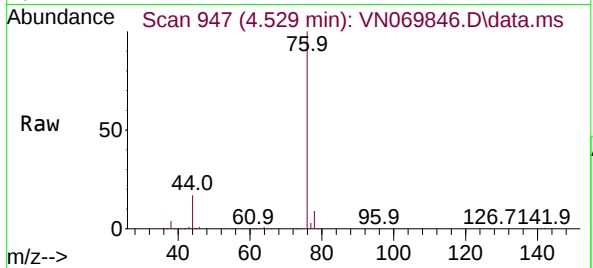
Tgt Ion: 43 Resp: 1620602
Ion Ratio Lower Upper
43 100
58 26.7 23.1 34.7





#17
Carbon Disulfide
Concen: 50.025 ug/l
RT: 4.529 min Scan# 945
Delta R.T. 0.006 min
Lab File: VN069846.D
Acq: 8 Dec 2021 5:48

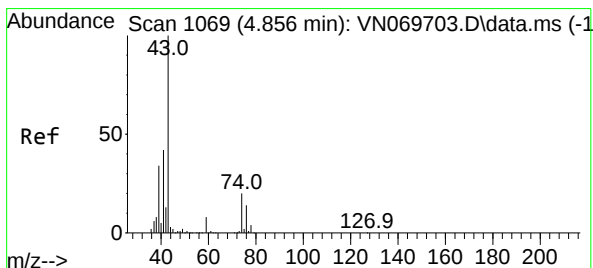
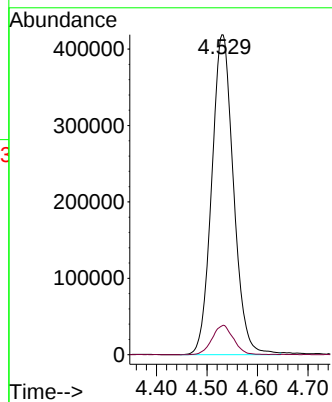
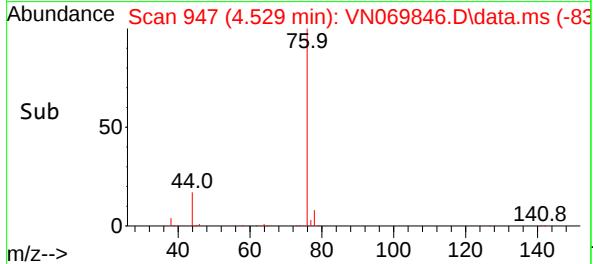
Instrument :
MSVOA_N
ClientSampleId :
MW202D1-20211204MSD



Tgt Ion: 76 Resp: 1254684
Ion Ratio Lower Upper
76 100
78 9.0 7.5 11.3

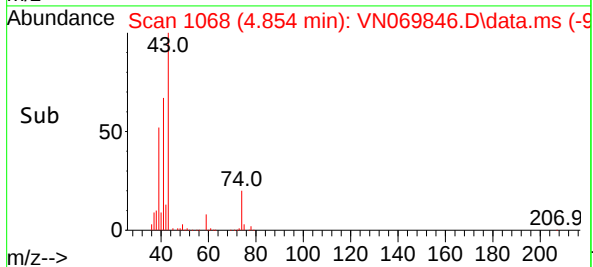
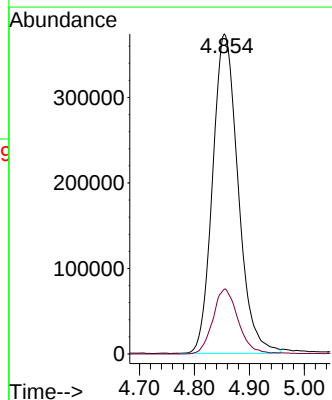
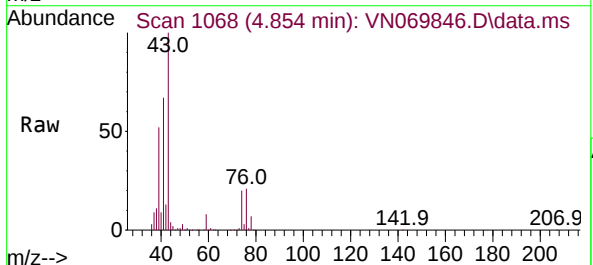
Manual Integrations
APPROVED

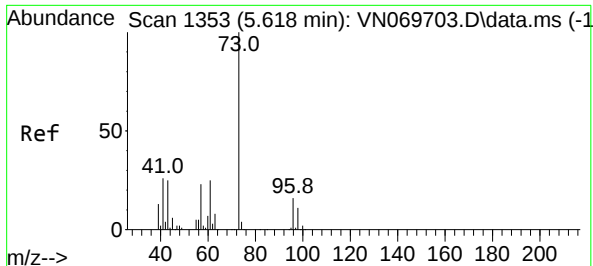
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021



#18
Methyl Acetate
Concen: 42.146 ug/l
RT: 4.854 min Scan# 1068
Delta R.T. -0.002 min
Lab File: VN069846.D
Acq: 8 Dec 2021 5:48

Tgt Ion: 43 Resp: 1204228
Ion Ratio Lower Upper
43 100
74 20.1 19.4 29.2





#19

Methyl tert-butyl Ether

Concen: 50.832 ug/l

RT: 5.616 min Scan# 1157

Delta R.T. -0.002 min

Lab File: VN069846.D

Acq: 8 Dec 2021 5:48

Instrument :

MSVOA_N

ClientSampleId :

MW202D1-20211204MSD

Tgt Ion: 73 Resp: 191879

Ion Ratio Lower Upper

73 100

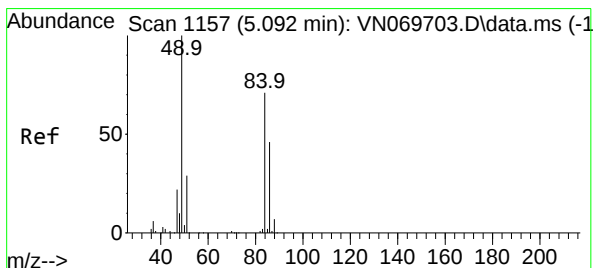
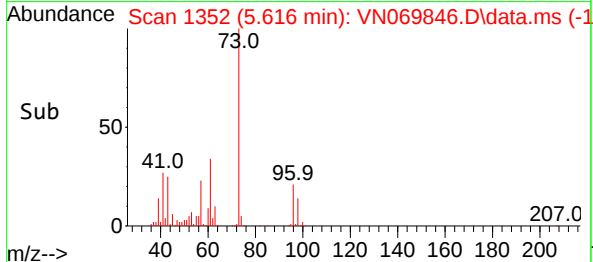
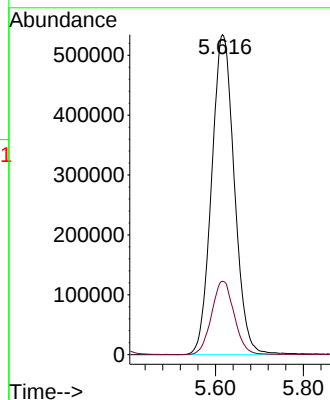
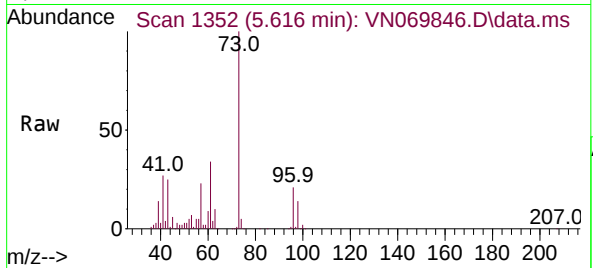
57 22.9 16.8 25.2

Manual Integrations

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Reviewed By :John Carlone 12/08/2021

Supervised By :Amit Patel 12/14/2021



#20

Methylene Chloride

Concen: 47.856 ug/l

RT: 5.095 min Scan# 1158

Delta R.T. 0.003 min

Lab File: VN069846.D

Acq: 8 Dec 2021 5:48

Tgt Ion: 84 Resp: 602219

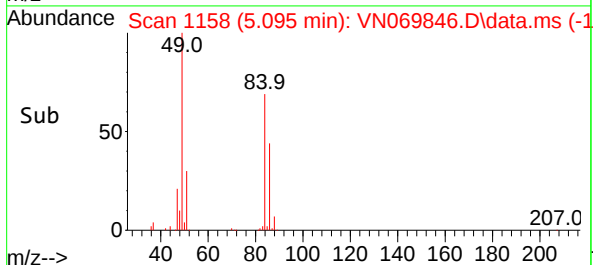
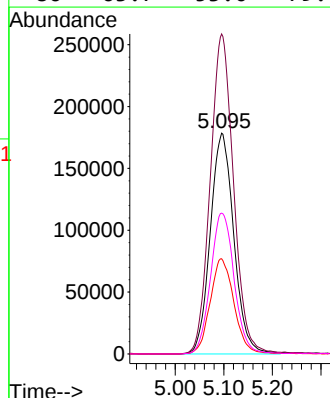
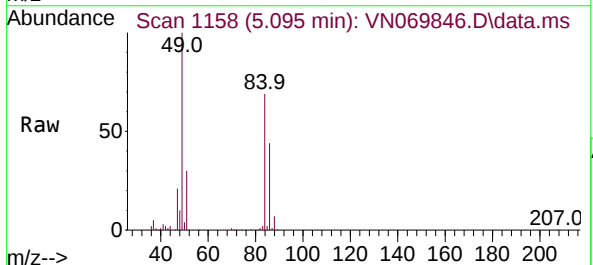
Ion Ratio Lower Upper

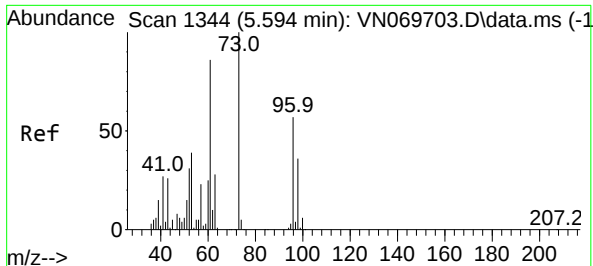
84 100

49 144.9 93.5 140.3#

51 43.1 29.4 44.2

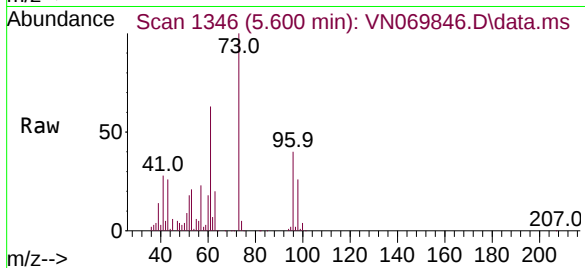
86 63.7 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 49.202 ug/l
RT: 5.600 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN069846.D
Acq: 8 Dec 2021 5:48

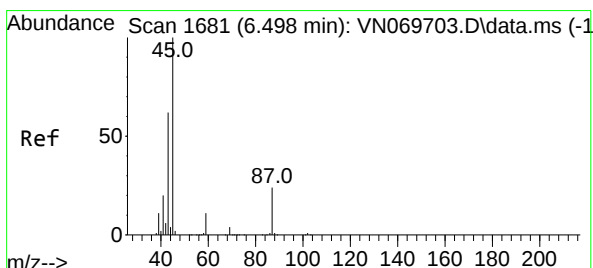
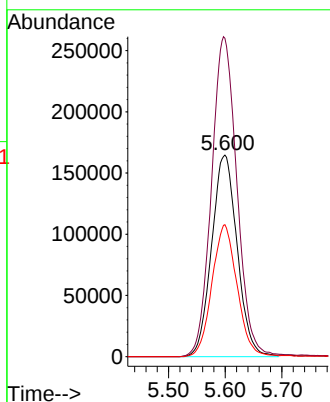
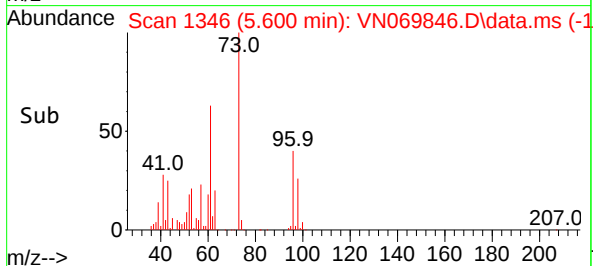
Instrument :
MSVOA_N
ClientSampleId :
MW202D1-20211204MSD



Tgt Ion: 96 Resp: 518819
Ion Ratio Lower Upper
96 100
61 157.9 105.8 158.6
98 65.5 52.0 78.0

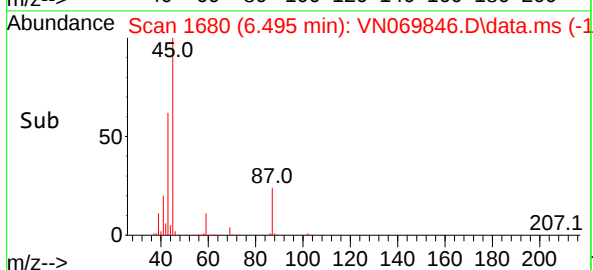
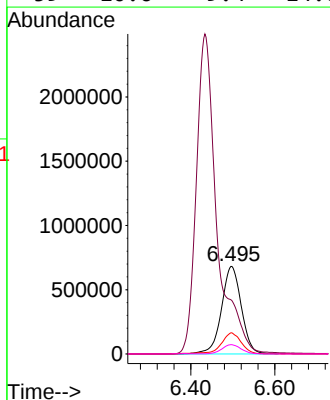
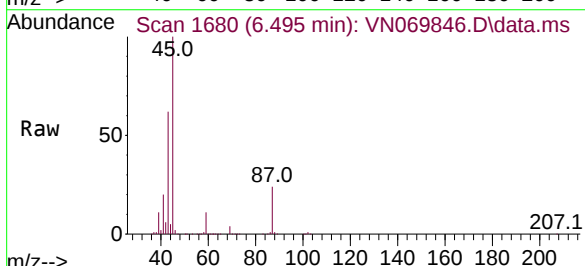
Manual Integrations
APPROVED

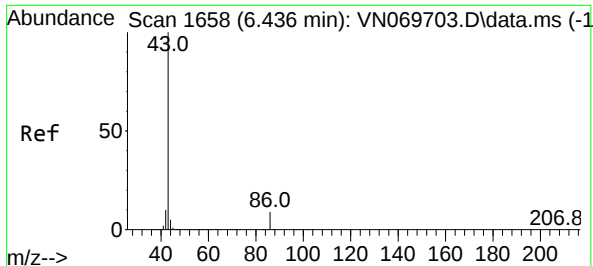
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021



#22
Diisopropyl ether
Concen: 52.345 ug/l
RT: 6.495 min Scan# 1680
Delta R.T. -0.002 min
Lab File: VN069846.D
Acq: 8 Dec 2021 5:48

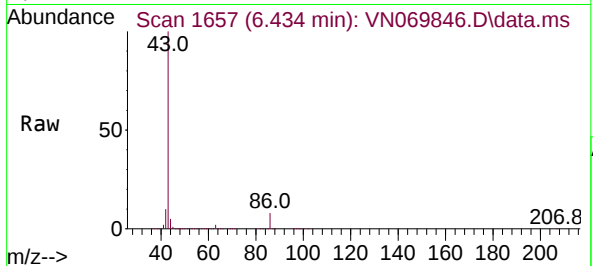
Tgt Ion: 45 Resp: 2238179
Ion Ratio Lower Upper
45 100
43 61.2 51.7 77.5
87 24.1 23.2 34.8
59 10.6 9.4 14.0





#23
 Vinyl Acetate
 Concen: 243.636 ug/l
 RT: 6.434 min Scan# 1657
 Delta R.T. -0.002 min
 Lab File: VN069846.D
 Acq: 8 Dec 2021 5:48

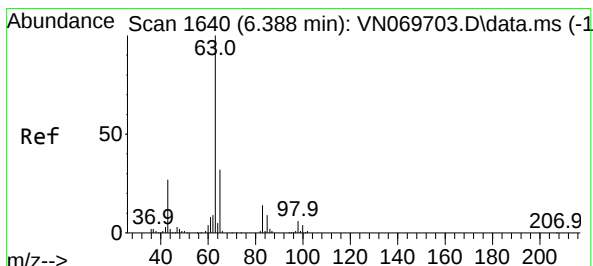
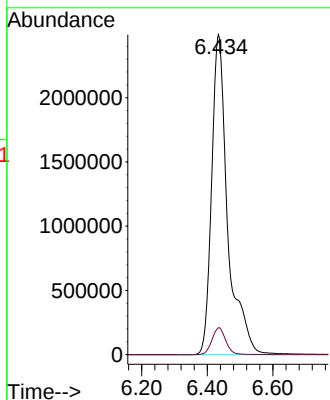
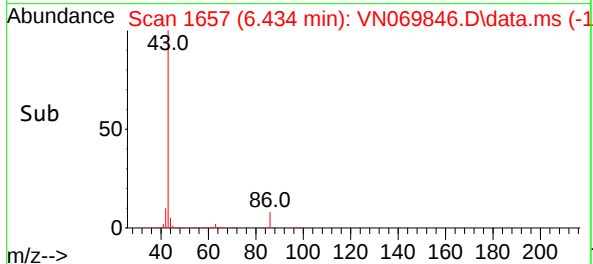
Instrument :
 MSVOA_N
 ClientSampleId :
 MW202D1-20211204MSD



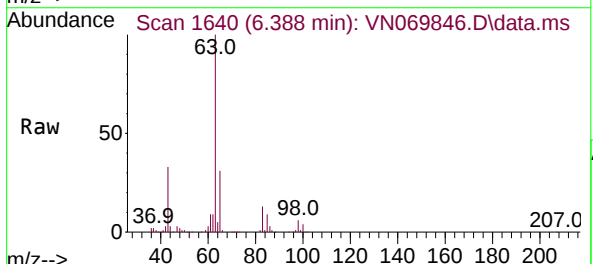
Tgt Ion: 43 Resp: 8475184
 Ion Ratio Lower Upper
 43 100
 86 8.4 8.5 12.7

Manual Integrations
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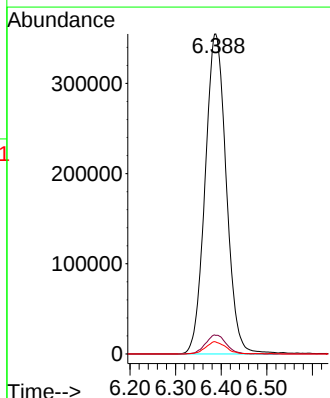
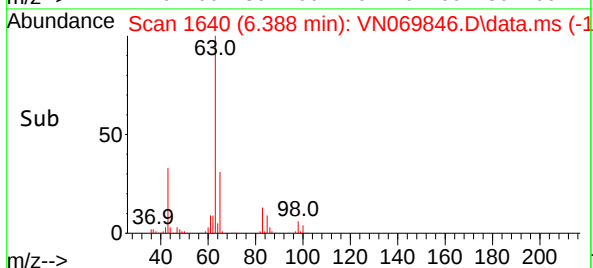
Reviewed By :John Carlone 12/08/2021
 Supervised By :Amit Patel 12/14/2021



#24
 1,1-Dichloroethane
 Concen: 51.543 ug/l
 RT: 6.388 min Scan# 1640
 Delta R.T. 0.000 min
 Lab File: VN069846.D
 Acq: 8 Dec 2021 5:48



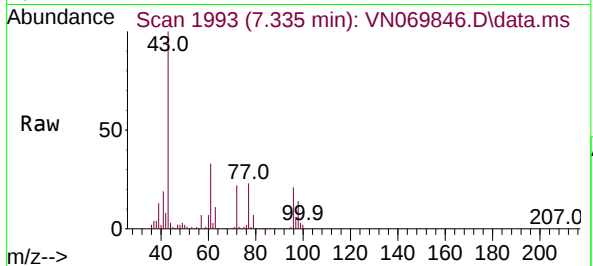
Tgt Ion: 63 Resp: 1141640
 Ion Ratio Lower Upper
 63 100
 98 5.8 3.3 9.9
 100 3.7 2.1 6.5





#25
2-Butanone
Concen: 200.074 ug/l
RT: 7.335 min Scan# 1994
Delta R.T. -0.002 min
Lab File: VN069846.D
Acq: 8 Dec 2021 5:48

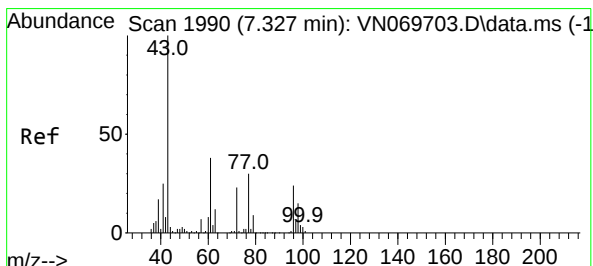
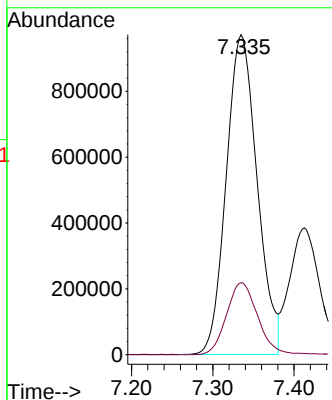
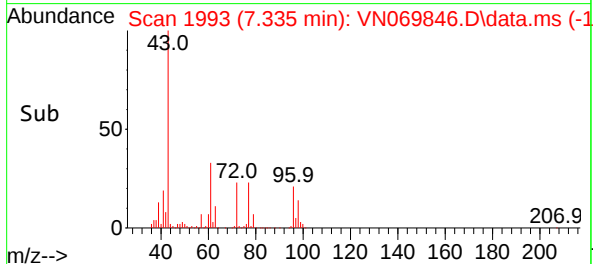
Instrument :
MSVOA_N
ClientSampleId :
MW202D1-20211204MSD



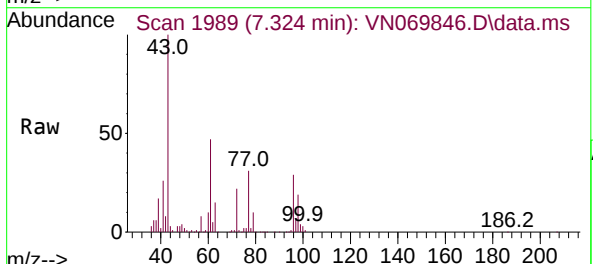
Tgt Ion: 43 Resp: 257329
Ion Ratio Lower Upper
43 100
72 22.5 21.7 32.5

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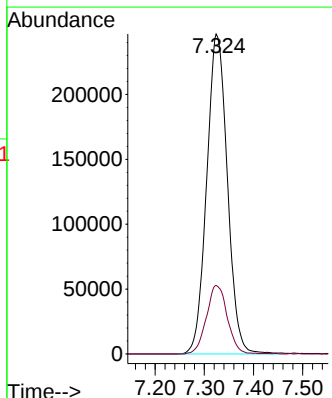
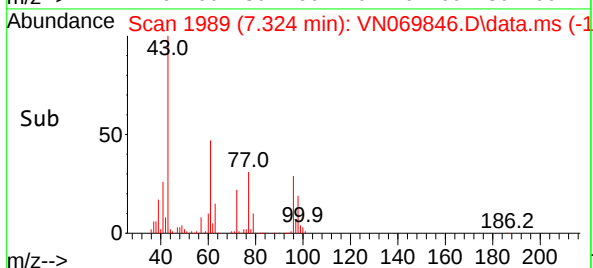
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021



#26
2,2-Dichloropropane
Concen: 41.817 ug/l
RT: 7.324 min Scan# 1989
Delta R.T. -0.002 min
Lab File: VN069846.D
Acq: 8 Dec 2021 5:48



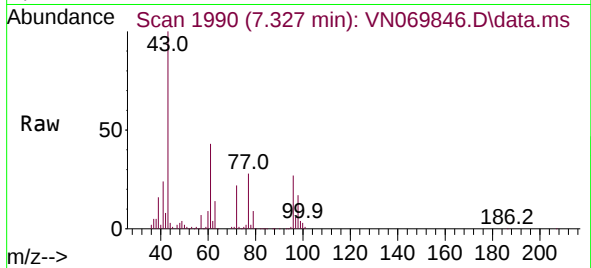
Tgt Ion: 77 Resp: 720144
Ion Ratio Lower Upper
77 100
97 21.7 11.6 34.8





#27
 cis-1,2-Dichloroethene
 Concen: 50.014 ug/l
 RT: 7.327 min Scan# 1990
 Delta R.T. 0.000 min
 Lab File: VN069846.D
 Acq: 8 Dec 2021 5:48

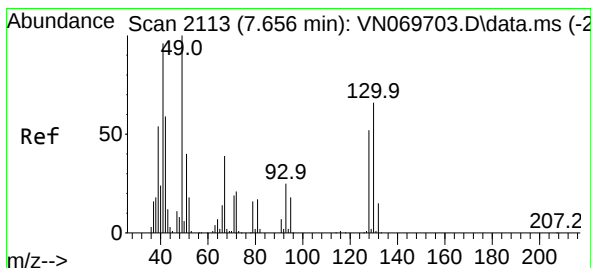
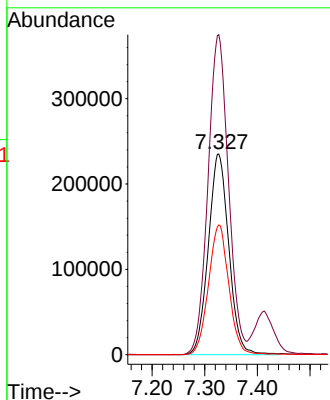
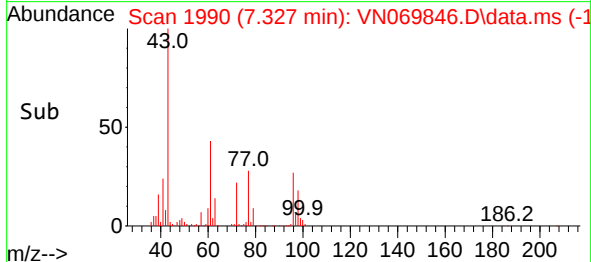
Instrument :
 MSVOA_N
 ClientSampleId :
 MW202D1-20211204MSD



Tgt Ion: 96 Resp: 637169
 Ion Ratio Lower Upper
 96 100
 61 158.8 0.0 275.0
 98 63.9 0.0 129.6

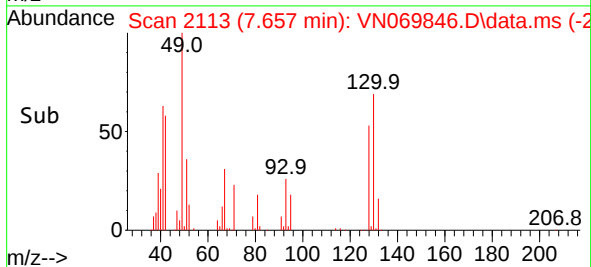
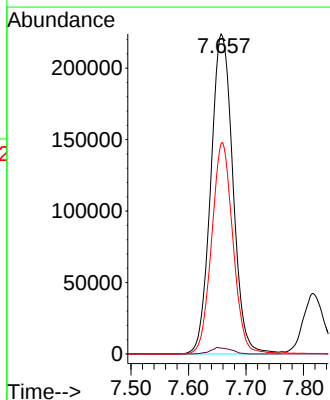
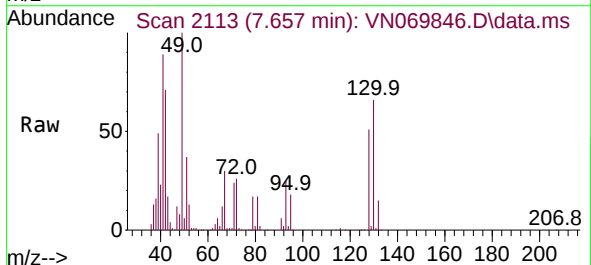
Manual Integrations
 APPROVED

Reviewed By :John Carlone 12/08/2021
 Supervised By :Amit Patel 12/14/2021



#28
 Bromochloromethane
 Concen: 51.964 ug/l
 RT: 7.657 min Scan# 2113
 Delta R.T. 0.000 min
 Lab File: VN069846.D
 Acq: 8 Dec 2021 5:48

Tgt Ion: 49 Resp: 598511
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 4.0
 130 63.5 67.8 101.8#





#29

Tetrahydrofuran

Concen: 217.373 ug/l

RT: 7.683 min Scan# 2124

Delta R.T. -0.002 min

Lab File: VN069846.D

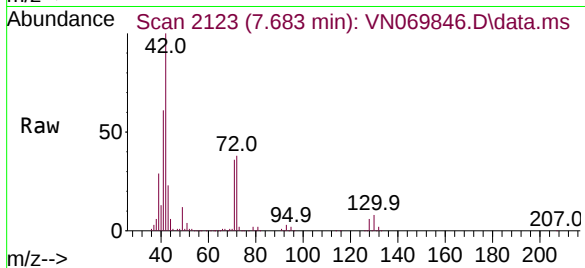
Acq: 8 Dec 2021 5:48

Instrument :

MSVOA_N

ClientSampleId :

MW202D1-20211204MSD



Tgt Ion: 42 Resp: 169767

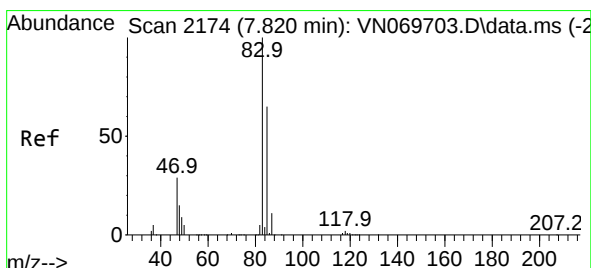
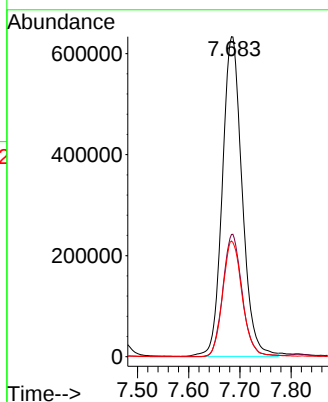
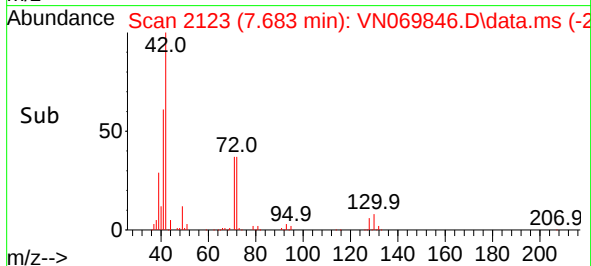
Ion	Ratio	Lower	Upper
42	100		
72	37.2	36.3	54.5
71	36.0	34.7	52.1

Manual Integrations

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Reviewed By :John Carlone 12/08/2021

Supervised By :Amit Patel 12/14/2021



#30

Chloroform

Concen: 50.618 ug/l

RT: 7.818 min Scan# 2173

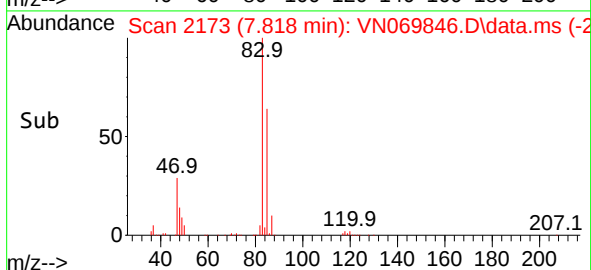
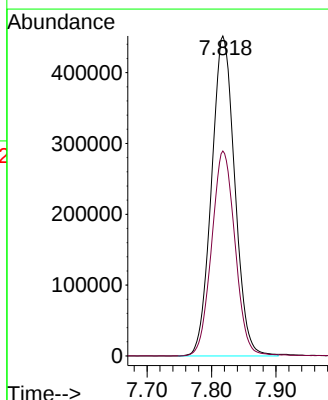
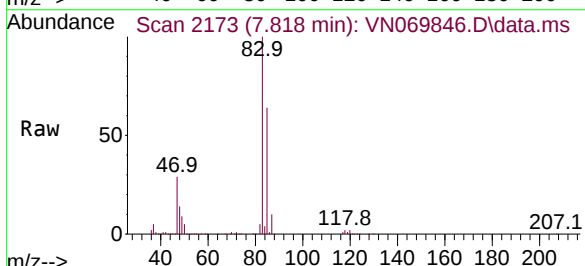
Delta R.T. -0.002 min

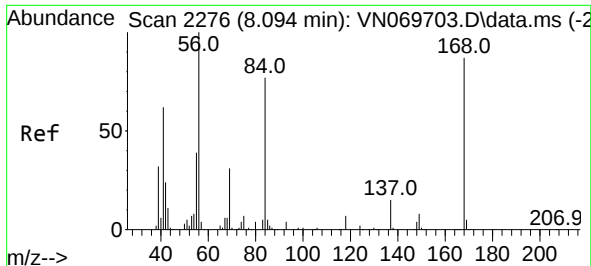
Lab File: VN069846.D

Acq: 8 Dec 2021 5:48

Tgt Ion: 83 Resp: 1132280

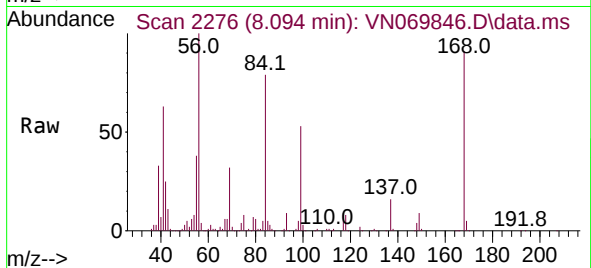
Ion	Ratio	Lower	Upper
83	100		
85	64.0	51.9	77.9





#31
Cyclohexane
Concen: 49.115 ug/l
RT: 8.094 min Scan# 2276
Delta R.T. 0.000 min
Lab File: VN069846.D
Acq: 8 Dec 2021 5:48

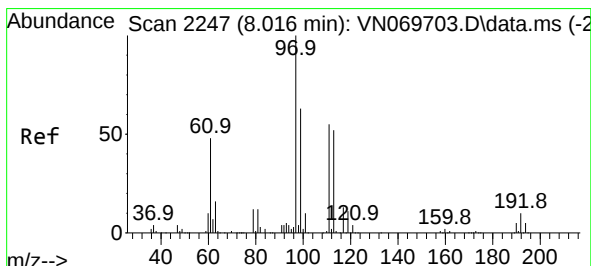
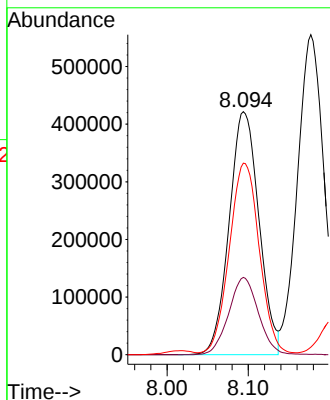
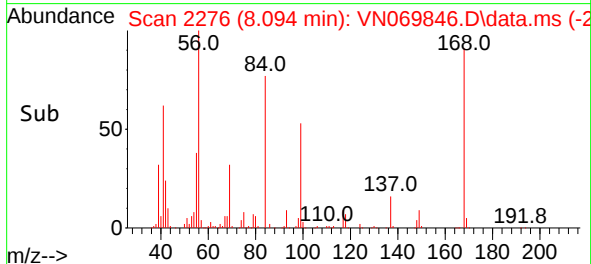
Instrument :
MSVOA_N
ClientSampleId :
MW202D1-20211204MSD



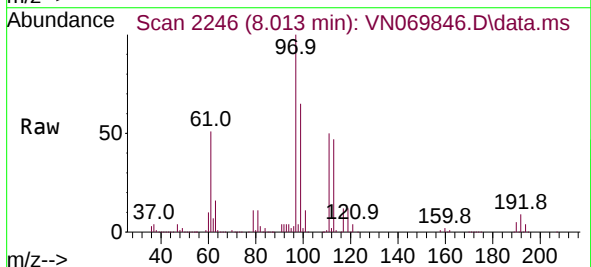
Tgt Ion: 56 Resp: 107560
Ion Ratio Lower Upper
56 100
69 31.8 27.1 40.7
84 77.2 73.4 110.0

Manual Integrations
APPROVED

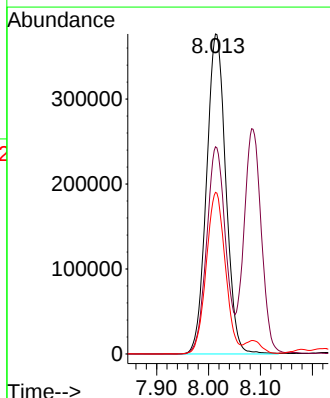
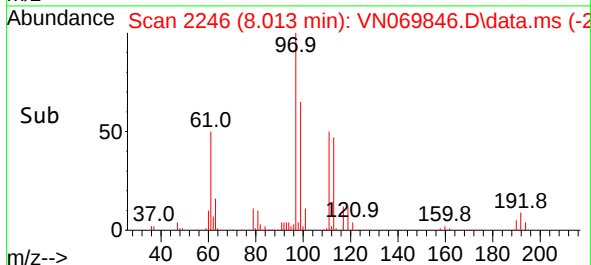
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021



#32
1,1,1-Trichloroethane
Concen: 51.077 ug/l
RT: 8.013 min Scan# 2246
Delta R.T. -0.002 min
Lab File: VN069846.D
Acq: 8 Dec 2021 5:48



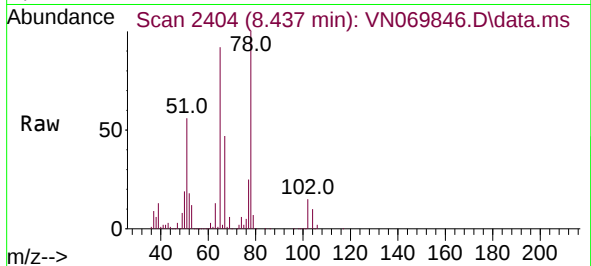
Tgt Ion: 97 Resp: 973227
Ion Ratio Lower Upper
97 100
99 63.4 50.1 75.1
61 50.1 35.2 52.8





#33
1,2-Dichloroethane-d4
Concen: 46.943 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. 0.000 min
Lab File: VN069846.D
Acq: 8 Dec 2021 5:48

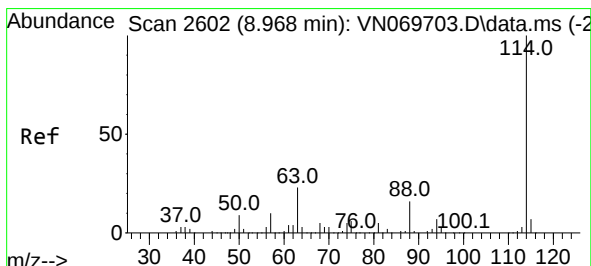
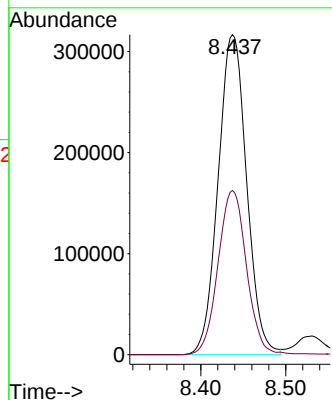
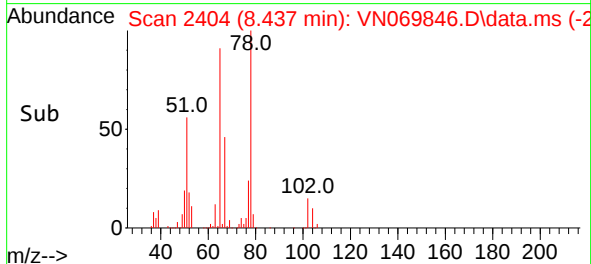
Instrument :
MSVOA_N
ClientSampleId :
MW202D1-20211204MSD



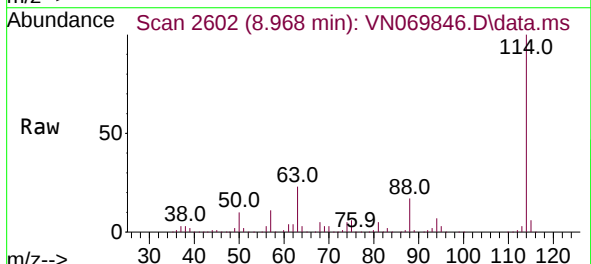
Tgt Ion: 65 Resp: 738712
Ion Ratio Lower Upper
65 100
67 51.2 0.0 103.0

Manual Integrations
APPROVED

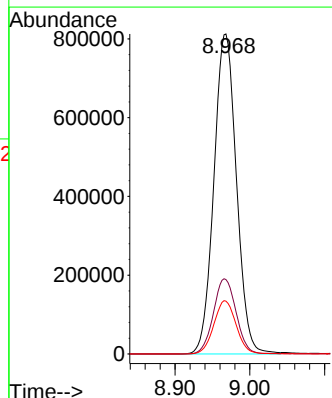
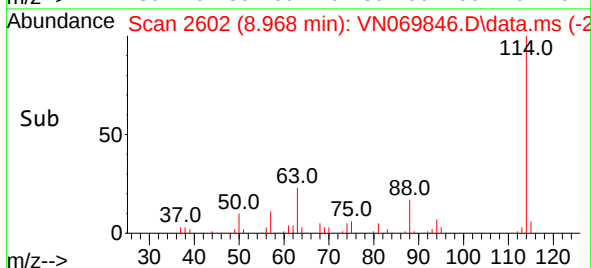
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021

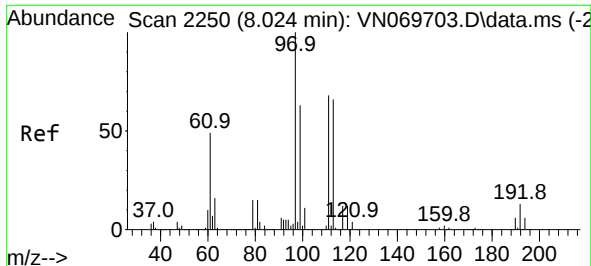


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. 0.000 min
Lab File: VN069846.D
Acq: 8 Dec 2021 5:48



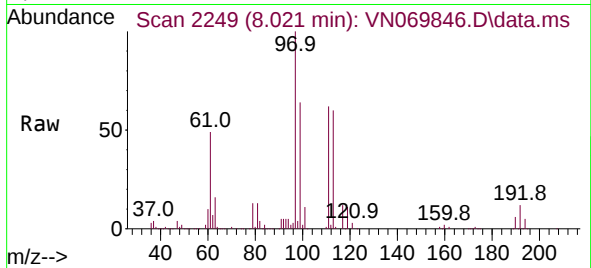
Tgt Ion:114 Resp: 1702109
Ion Ratio Lower Upper
114 100
63 23.2 0.0 37.8
88 16.5 0.0 27.4





#35
Dibromofluoromethane
Concen: 47.537 ug/l
RT: 8.021 min Scan# 2113
Delta R.T. -0.002 min
Lab File: VN069846.D
Acq: 8 Dec 2021 5:48

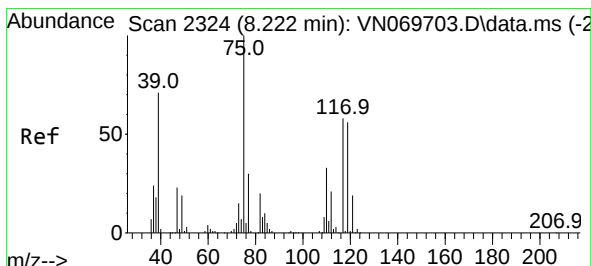
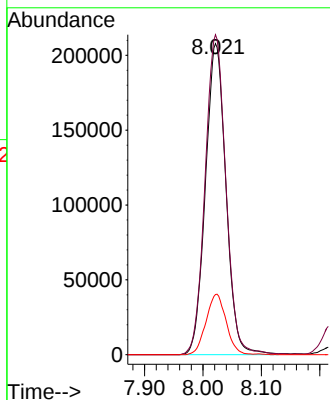
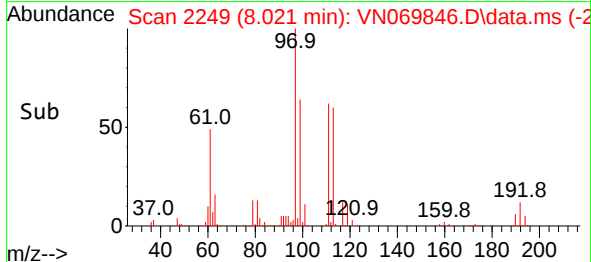
Instrument :
MSVOA_N
ClientSampleId :
MW202D1-20211204MSD



Tgt Ion:113 Resp: 50682
Ion Ratio Lower Upper
113 100
111 103.6 82.2 123.2
192 19.1 16.9 25.3

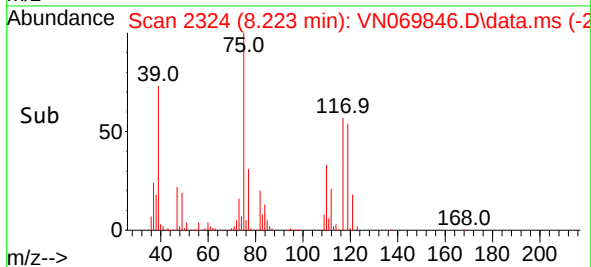
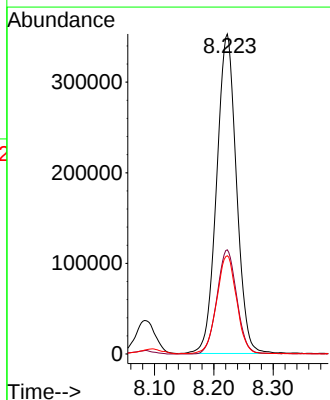
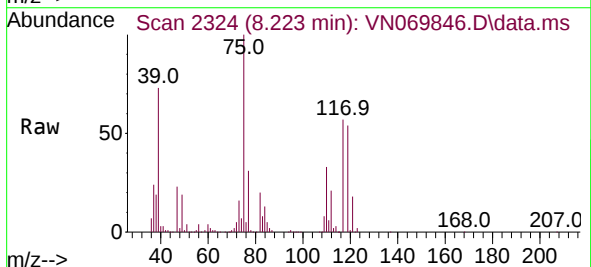
Manual Integrations
APPROVED

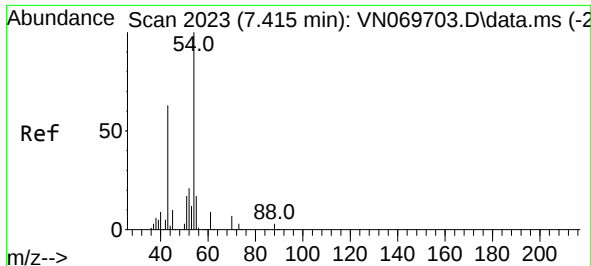
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021



#36
1,1-Dichloropropene
Concen: 50.556 ug/l
RT: 8.223 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VN069846.D
Acq: 8 Dec 2021 5:48

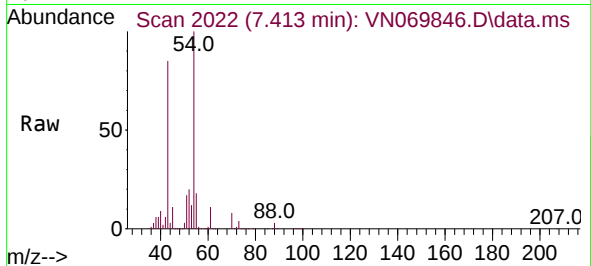
Tgt Ion: 75 Resp: 819180
Ion Ratio Lower Upper
75 100
110 32.8 18.4 55.2
77 30.7 24.4 36.6





#37
Ethyl Acetate
Concen: 41.559 ug/l
RT: 7.413 min Scan# 2022
Delta R.T. -0.002 min
Lab File: VN069846.D
Acq: 8 Dec 2021 5:48

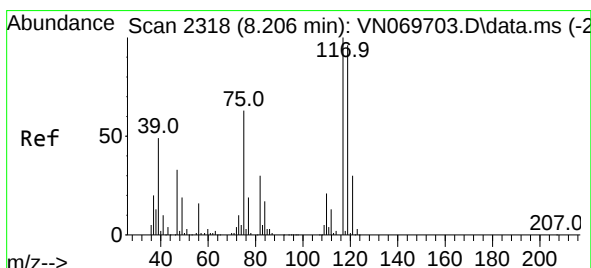
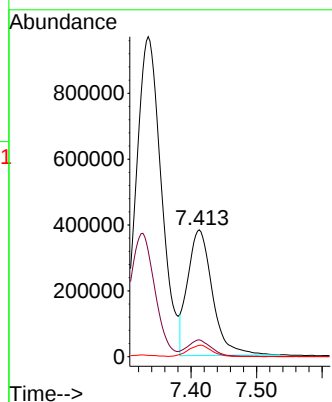
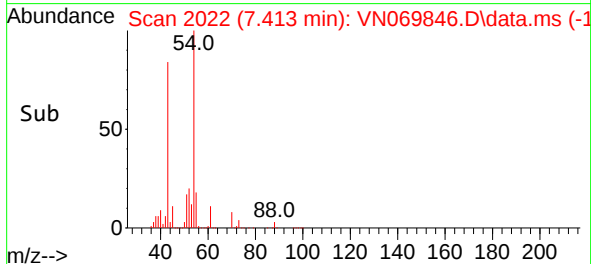
Instrument :
MSVOA_N
ClientSampleId :
MW202D1-20211204MSD



Tgt Ion: 43 Resp: 100228
Ion Ratio Lower Upper
43 100
61 12.4 11.5 17.3
70 8.5 7.9 11.9

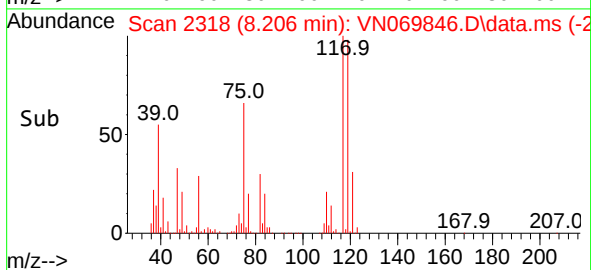
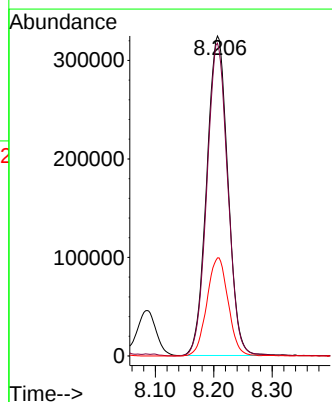
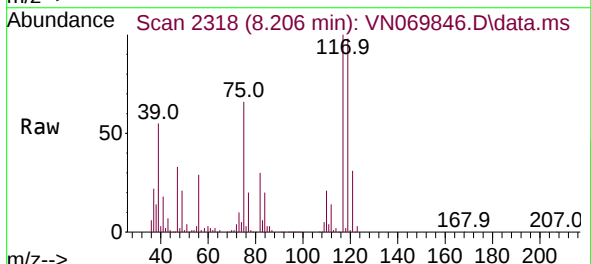
Manual Integrations
APPROVED

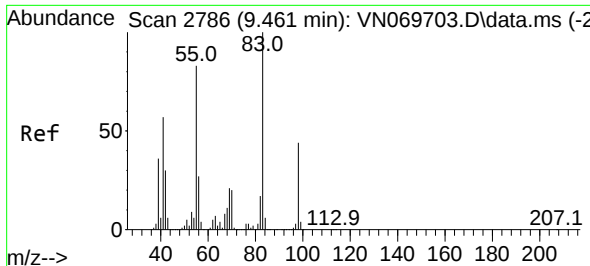
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021



#38
Carbon Tetrachloride
Concen: 51.420 ug/l
RT: 8.206 min Scan# 2318
Delta R.T. 0.000 min
Lab File: VN069846.D
Acq: 8 Dec 2021 5:48

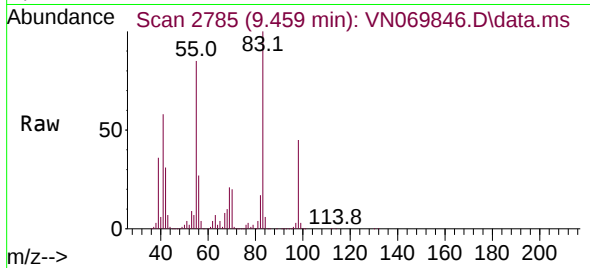
Tgt Ion:117 Resp: 817040
Ion Ratio Lower Upper
117 100
119 97.9 76.1 114.1
121 30.7 24.2 36.2





#39
Methylcyclohexane
Concen: 50.242 ug/l
RT: 9.459 min Scan# 21
Delta R.T. -0.002 min
Lab File: VN069846.D
Acq: 8 Dec 2021 5:48

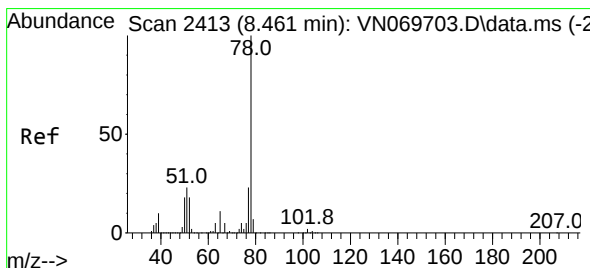
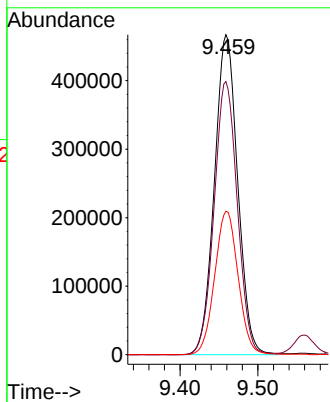
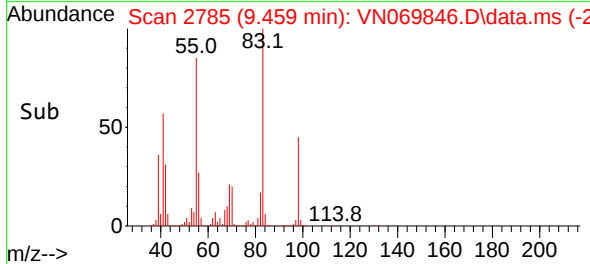
Instrument :
MSVOA_N
ClientSampleId :
MW202D1-20211204MSD



Tgt Ion: 83 Resp: 968344
Ion Ratio Lower Upper
83 100
55 85.3 58.1 87.1
98 44.8 38.4 57.6

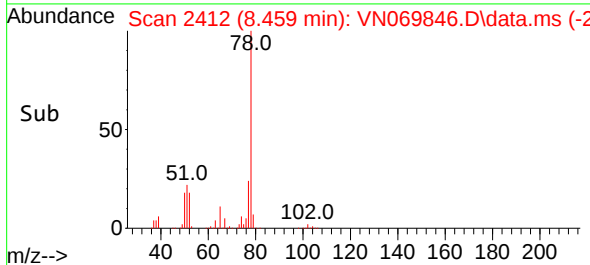
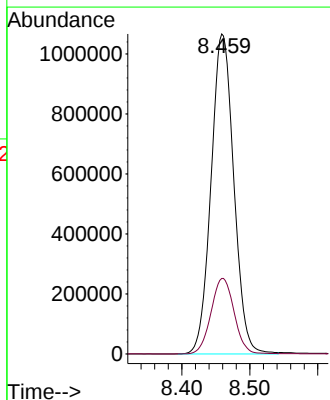
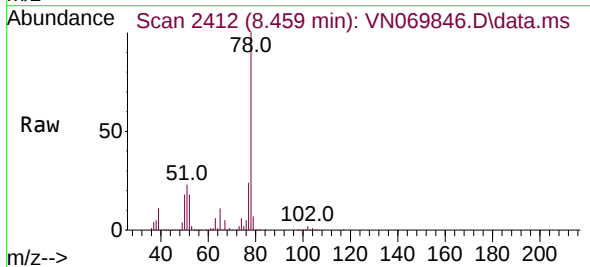
Manual Integrations
APPROVED

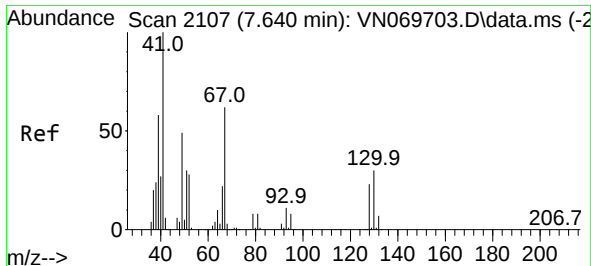
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021



#40
Benzene
Concen: 50.051 ug/l
RT: 8.459 min Scan# 2412
Delta R.T. -0.002 min
Lab File: VN069846.D
Acq: 8 Dec 2021 5:48

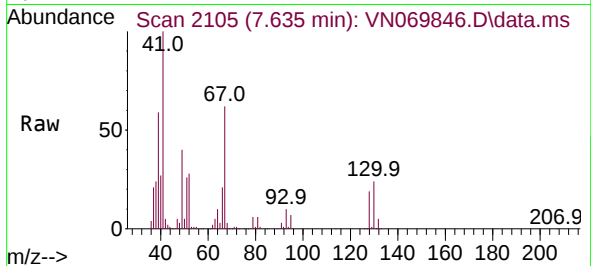
Tgt Ion: 78 Resp: 2478923
Ion Ratio Lower Upper
78 100
77 23.6 18.6 27.8





#41
Methacrylonitrile
Concen: 48.056 ug/l
RT: 7.635 min Scan# 2105
Delta R.T. -0.005 min
Lab File: VN069846.D
Acq: 8 Dec 2021 5:48

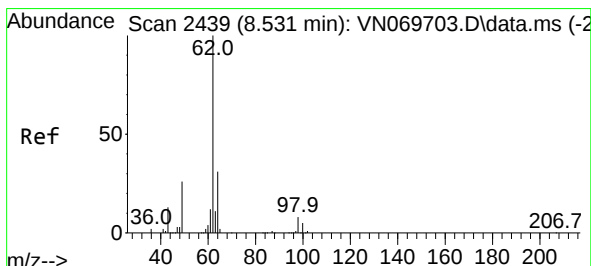
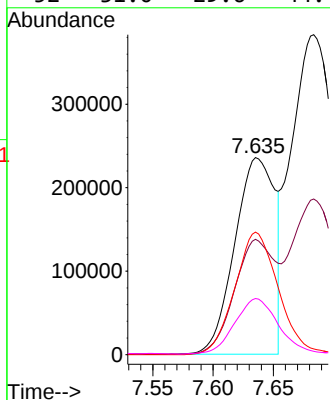
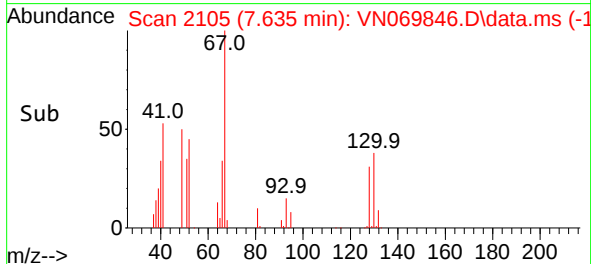
Instrument :
MSVOA_N
ClientSampleId :
MW202D1-20211204MSD



Tgt Ion: 41 Resp: 544048
Ion Ratio Lower Upper
41 100
39 61.0 48.1 72.1
67 68.8 68.3 102.5
52 31.0 29.6 44.4

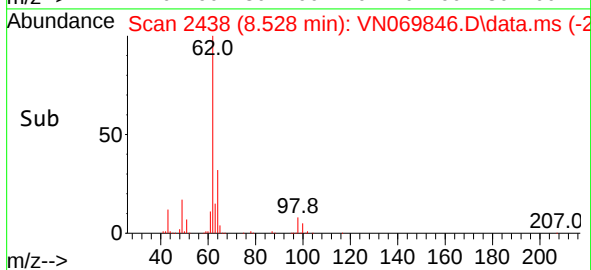
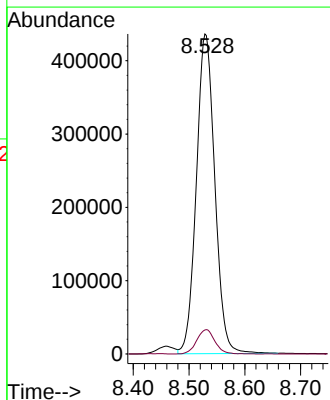
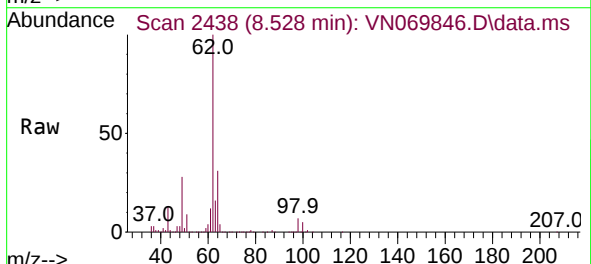
Manual Integrations
APPROVED

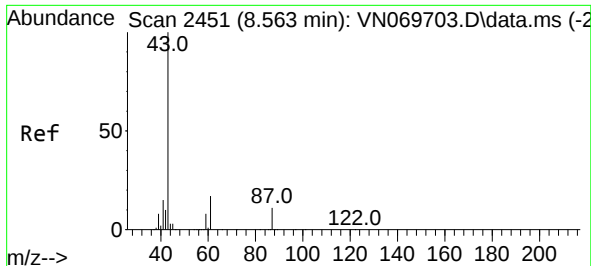
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021



#42
1,2-Dichloroethane
Concen: 50.069 ug/l
RT: 8.528 min Scan# 2438
Delta R.T. -0.002 min
Lab File: VN069846.D
Acq: 8 Dec 2021 5:48

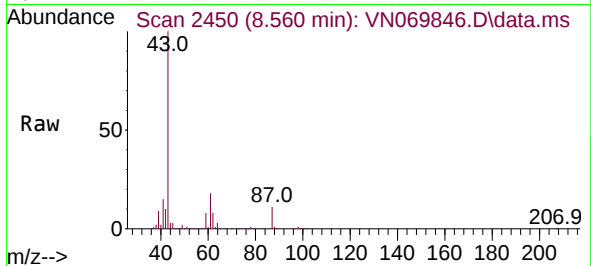
Tgt Ion: 62 Resp: 1001052
Ion Ratio Lower Upper
62 100
98 7.5 0.0 17.6





#43
Isopropyl Acetate
Concen: 46.247 ug/l
RT: 8.560 min Scan# 2451
Delta R.T. -0.002 min
Lab File: VN069846.D
Acq: 8 Dec 2021 5:48

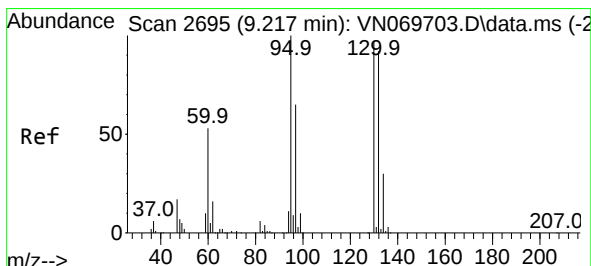
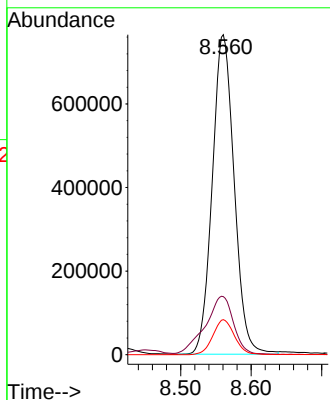
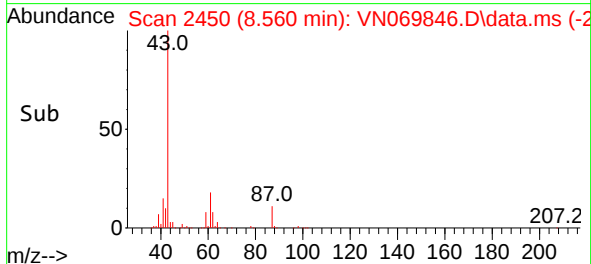
Instrument :
MSVOA_N
ClientSampleId :
MW202D1-20211204MSD



Tgt Ion: 43 Resp: 1650500
Ion Ratio Lower Upper
43 100
61 23.5 20.4 30.6
87 10.8 11.2 16.8

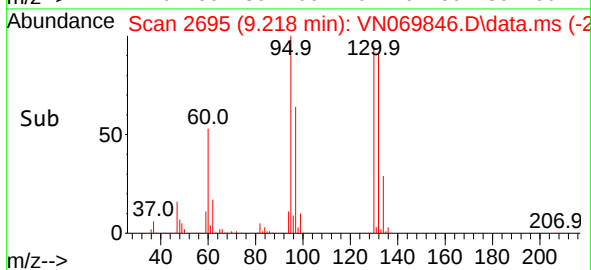
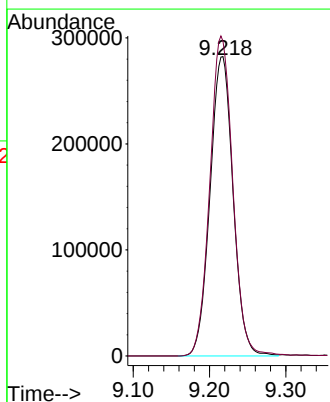
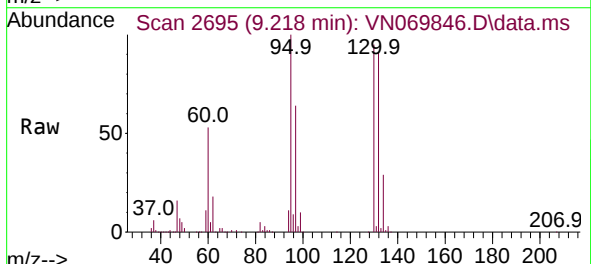
Manual Integrations
APPROVED

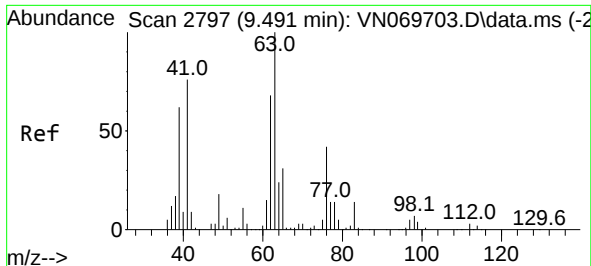
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021



#44
Trichloroethene
Concen: 50.078 ug/l
RT: 9.218 min Scan# 2695
Delta R.T. 0.001 min
Lab File: VN069846.D
Acq: 8 Dec 2021 5:48

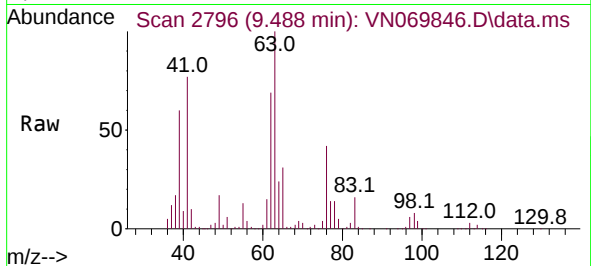
Tgt Ion:130 Resp: 591985
Ion Ratio Lower Upper
130 100
95 105.1 0.0 191.2





#45
1,2-Dichloropropane
Concen: 51.173 ug/l
RT: 9.488 min Scan# 2796
Delta R.T. -0.002 min
Lab File: VN069846.D
Acq: 8 Dec 2021 5:48

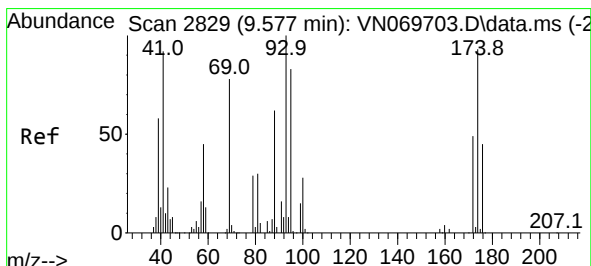
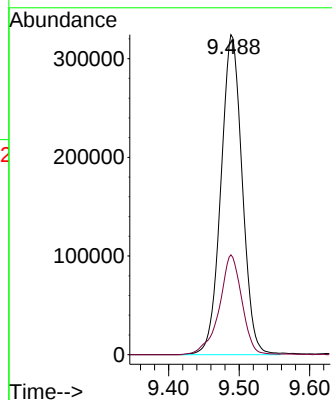
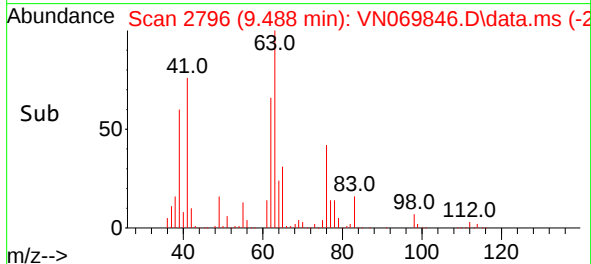
Instrument :
MSVOA_N
ClientSampleId :
MW202D1-20211204MSD



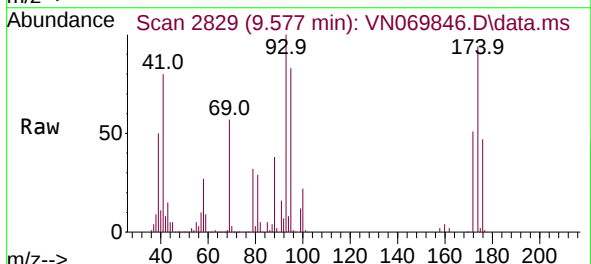
Tgt Ion: 63 Resp: 680608
Ion Ratio Lower Upper
63 100
65 31.1 24.7 37.1

Manual Integrations
APPROVED

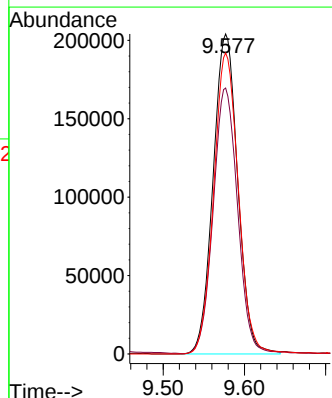
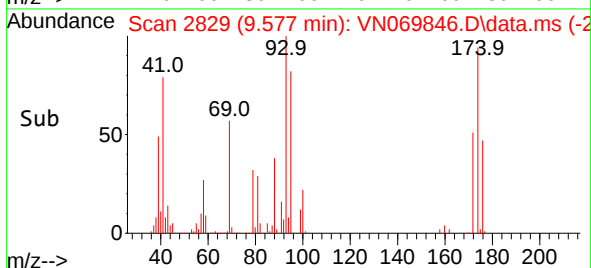
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021

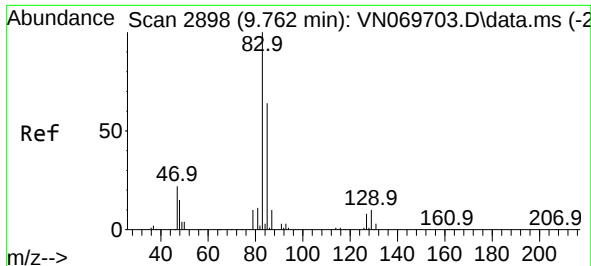


#46
Dibromomethane
Concen: 49.323 ug/l
RT: 9.577 min Scan# 2829
Delta R.T. 0.000 min
Lab File: VN069846.D
Acq: 8 Dec 2021 5:48



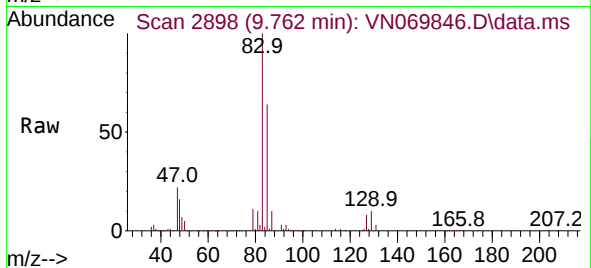
Tgt Ion: 93 Resp: 430227
Ion Ratio Lower Upper
93 100
95 82.0 65.9 98.9
174 94.3 84.6 127.0





#47
Bromodichloromethane
Concen: 52.051 ug/l
RT: 9.762 min Scan# 2898
Delta R.T. 0.000 min
Lab File: VN069846.D
Acq: 8 Dec 2021 5:48

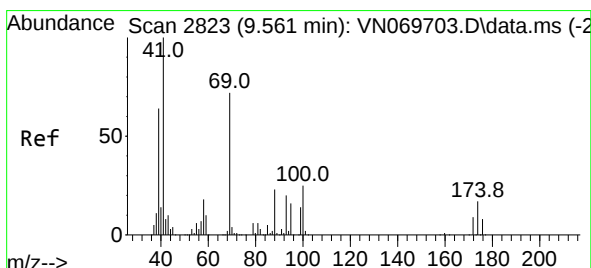
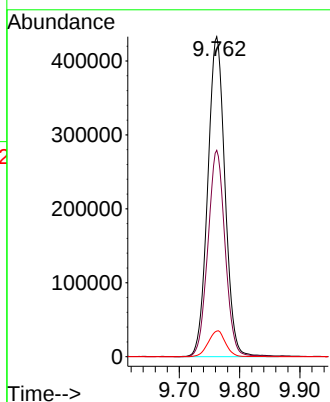
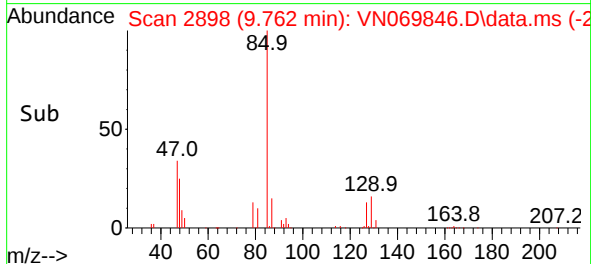
Instrument :
MSVOA_N
ClientSampleId :
MW202D1-20211204MSD



Tgt Ion: 83 Resp: 859629
Ion Ratio Lower Upper
83 100
85 64.5 50.9 76.3
127 8.0 7.1 10.7

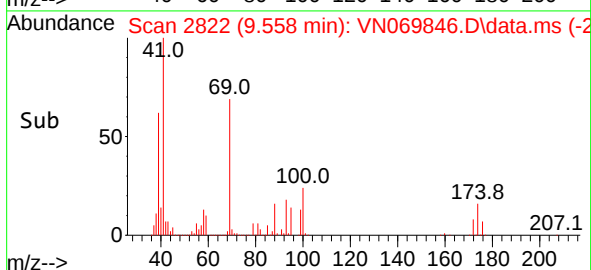
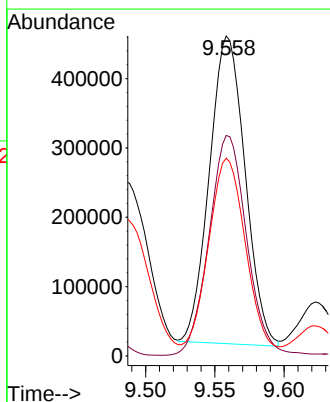
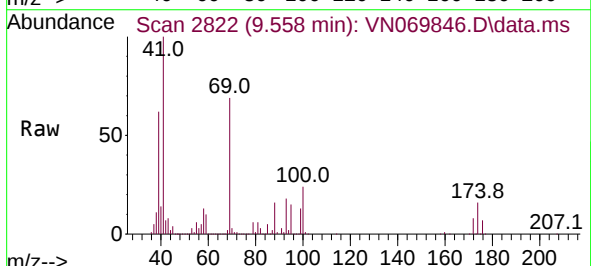
Manual Integrations
APPROVED

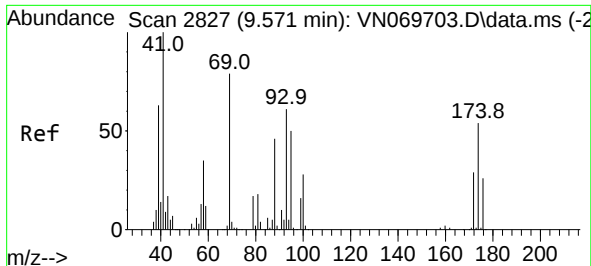
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021



#48
Methyl methacrylate
Concen: 47.735 ug/l
RT: 9.558 min Scan# 2822
Delta R.T. -0.003 min
Lab File: VN069846.D
Acq: 8 Dec 2021 5:48

Tgt Ion: 41 Resp: 795040
Ion Ratio Lower Upper
41 100
69 75.5 72.4 108.6
39 67.6 58.4 87.6





#49

1,4-Dioxane

Concen: 692.858 ug/l

RT: 9.569 min Scan# 2827

Delta R.T. -0.002 min

Lab File: VN069846.D

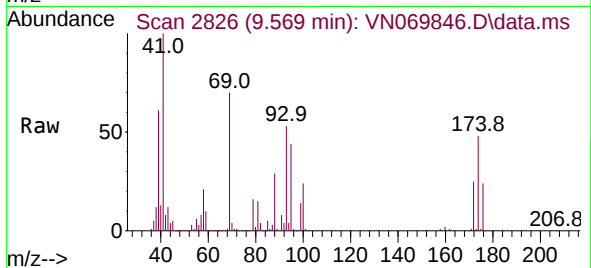
Acq: 8 Dec 2021 5:48

Instrument :

MSVOA_N

ClientSampleId :

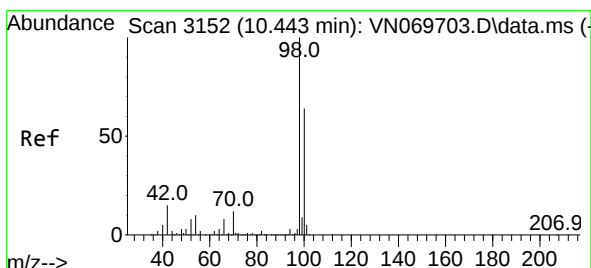
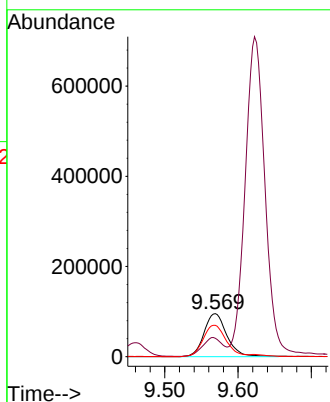
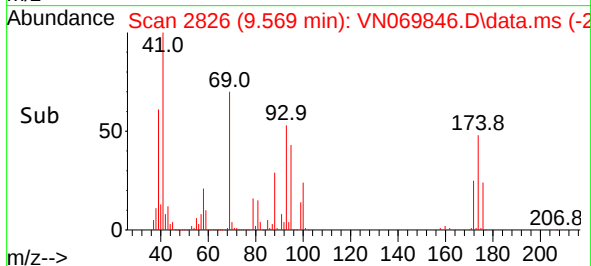
MW202D1-20211204MSD



Tgt Ion:	88	Resp:	207058
Ion Ratio	Lower	Upper	
88	100		
43	38.1	23.4	35.2
58	73.8	50.6	75.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021



#50

Toluene-d8

Concen: 47.064 ug/l

RT: 10.441 min Scan# 3151

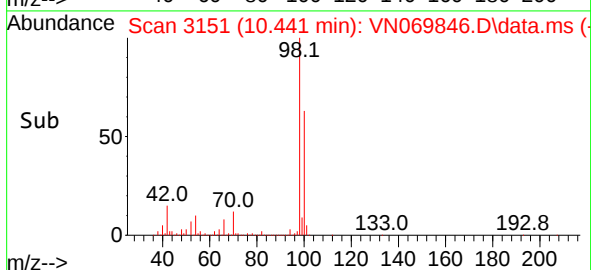
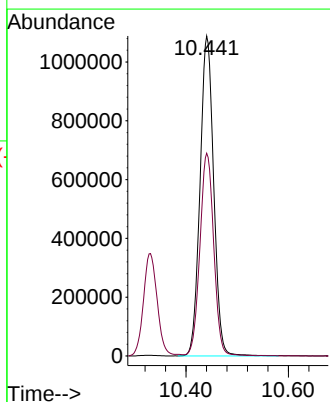
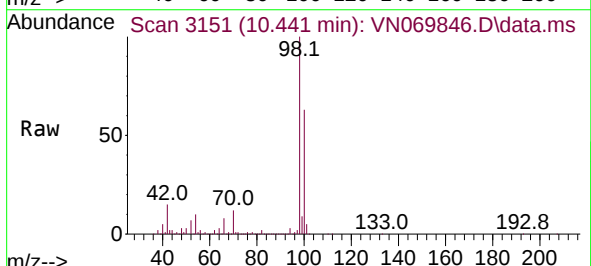
Delta R.T. -0.002 min

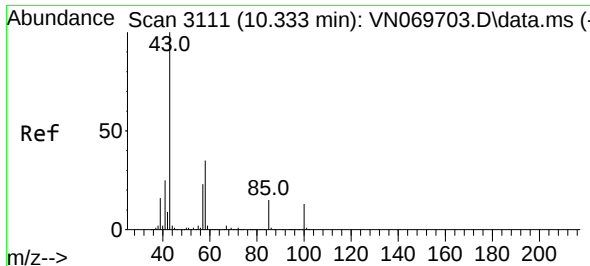
Lab File: VN069846.D

Acq: 8 Dec 2021 5:48

Tgt Ion: 98 Resp: 2014812

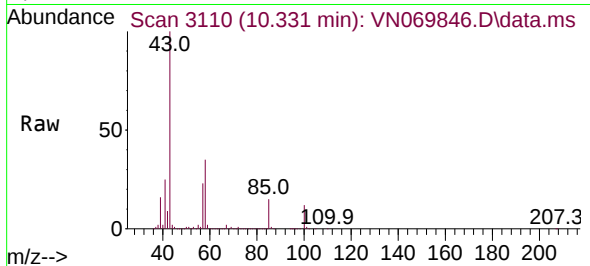
Ion Ratio	Lower	Upper
98	100	
100	63.8	50.4 75.6





#51
4-Methyl-2-Pentanone
Concen: 235.431 ug/l
RT: 10.331 min Scan# 3111
Delta R.T. -0.002 min
Lab File: VN069846.D
Acq: 8 Dec 2021 5:48

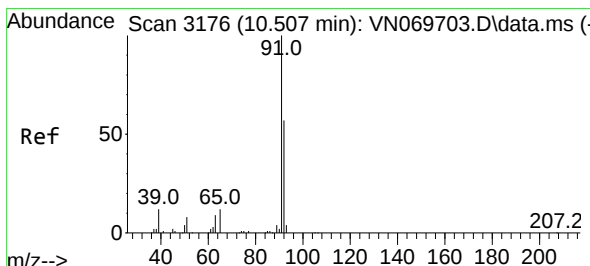
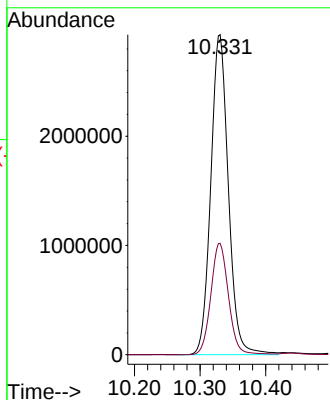
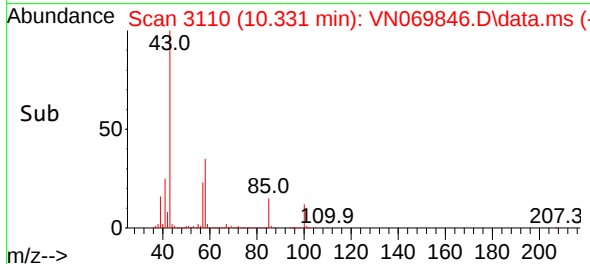
Instrument :
MSVOA_N
ClientSampleId :
MW202D1-20211204MSD



Tgt Ion: 43 Resp: 5450828
Ion Ratio Lower Upper
43 100
58 34.9 30.4 45.6

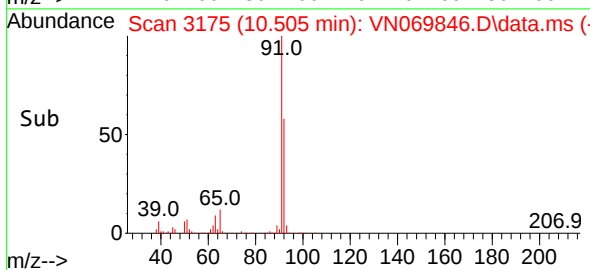
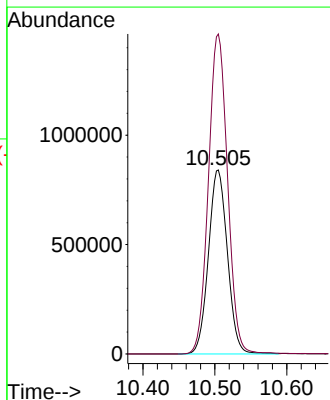
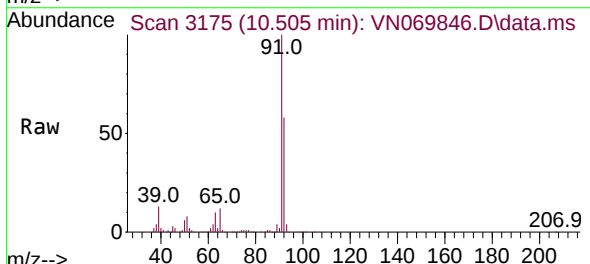
Manual Integrations
APPROVED

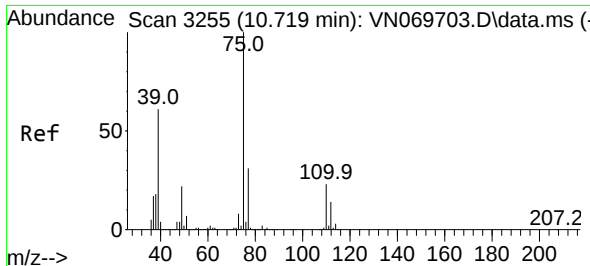
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021



#52
Toluene
Concen: 50.886 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.002 min
Lab File: VN069846.D
Acq: 8 Dec 2021 5:48

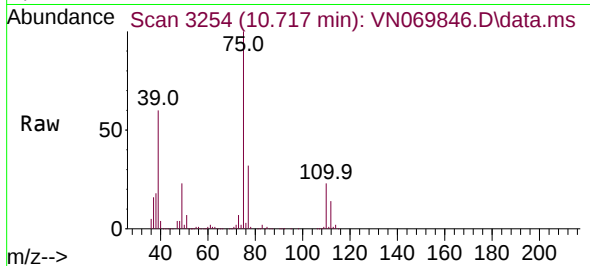
Tgt Ion: 92 Resp: 1538665
Ion Ratio Lower Upper
92 100
91 176.0 142.0 213.0





#53
t-1,3-Dichloropropene
Concen: 45.518 ug/l
RT: 10.717 min Scan# 31
Delta R.T. -0.002 min
Lab File: VN069846.D
Acq: 8 Dec 2021 5:48

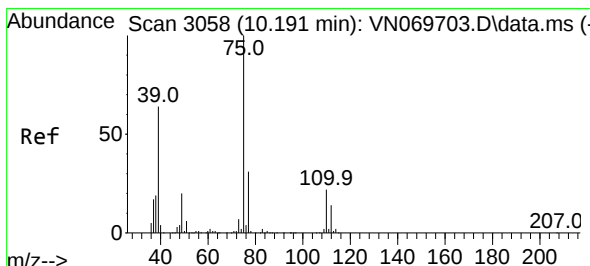
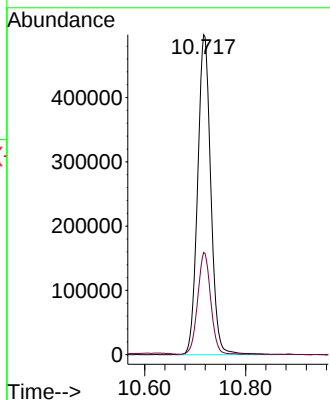
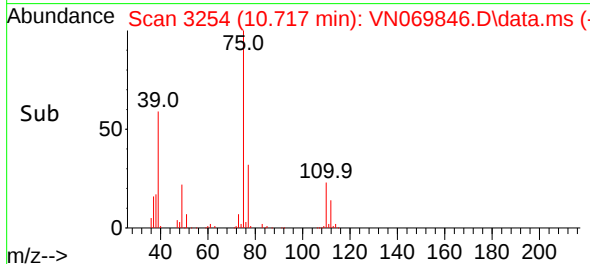
Instrument :
MSVOA_N
ClientSampleId :
MW202D1-20211204MSD



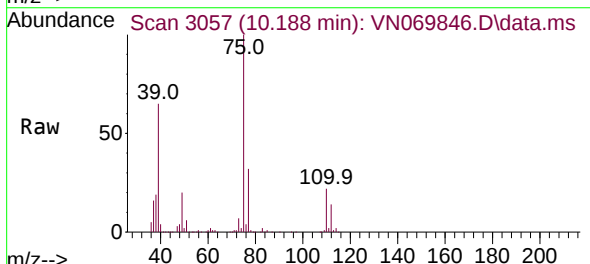
Tgt Ion: 75 Resp: 899010
Ion Ratio Lower Upper
75 100
77 31.9 25.6 38.4

Manual Integrations
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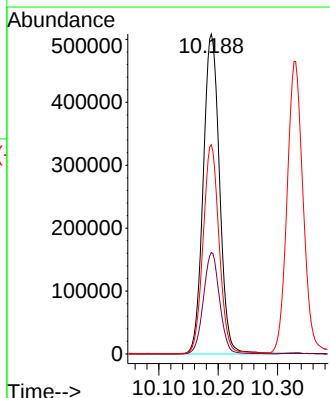
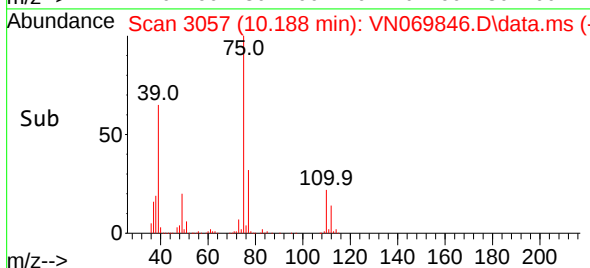
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021

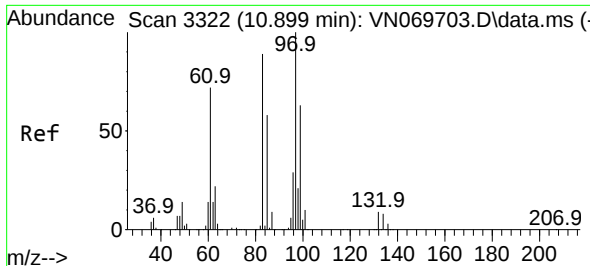


#54
cis-1,3-Dichloropropene
Concen: 46.689 ug/l
RT: 10.188 min Scan# 3057
Delta R.T. -0.003 min
Lab File: VN069846.D
Acq: 8 Dec 2021 5:48



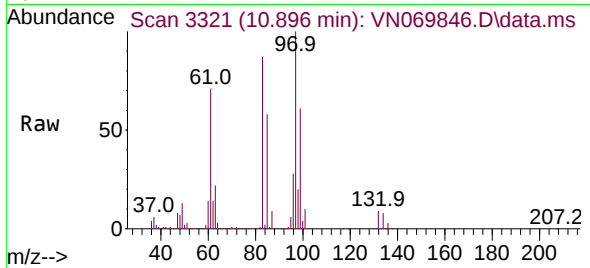
Tgt Ion: 75 Resp: 970576
Ion Ratio Lower Upper
75 100
77 31.7 26.4 39.6
39 65.3 42.5 63.7#





#55
1,1,2-Trichloroethane
Concen: 49.887 ug/l
RT: 10.896 min Scan# 31
Delta R.T. -0.002 min
Lab File: VN069846.D
Acq: 8 Dec 2021 5:48

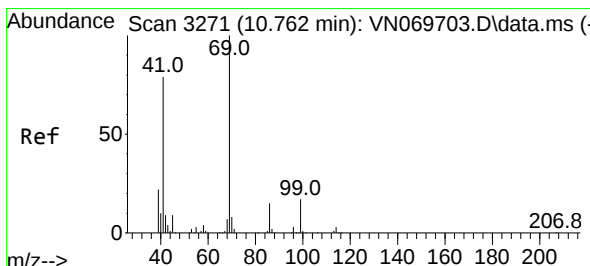
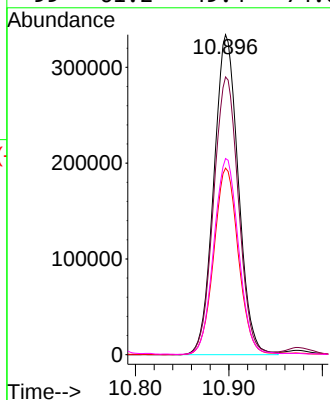
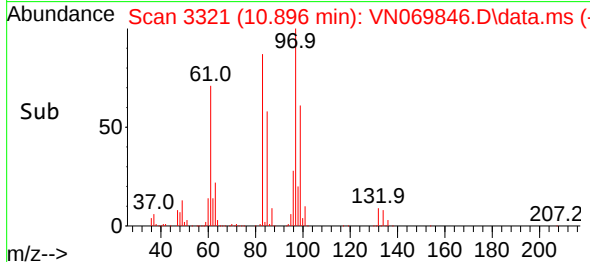
Instrument :
MSVOA_N
ClientSampleId :
MW202D1-20211204MSD



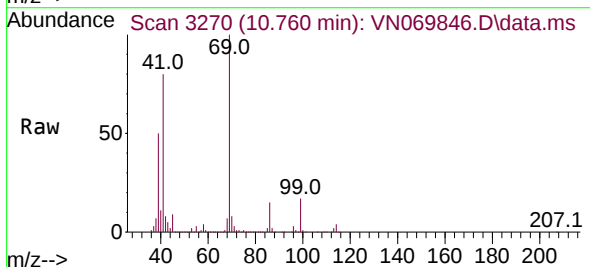
Tgt Ion: 97 Resp: 608639
Ion Ratio Lower Upper
97 100
83 86.8 67.8 101.6
85 58.3 45.4 68.2
99 61.2 49.4 74.0

Manual Integrations
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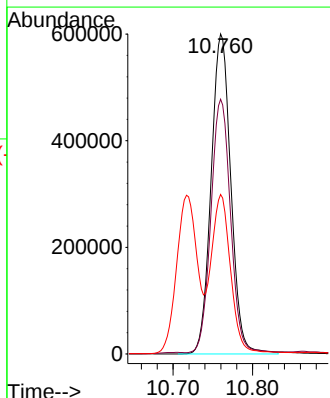
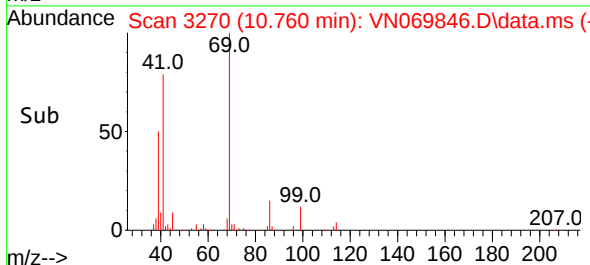
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021

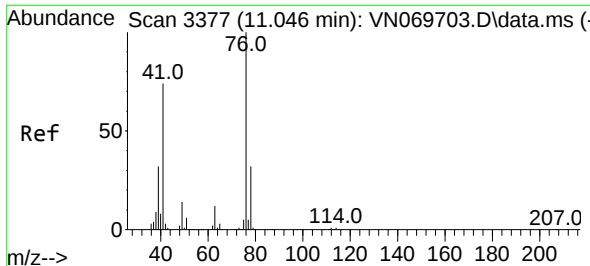


#56
Ethyl methacrylate
Concen: 45.180 ug/l
RT: 10.760 min Scan# 3270
Delta R.T. -0.002 min
Lab File: VN069846.D
Acq: 8 Dec 2021 5:48



Tgt Ion: 69 Resp: 1034744
Ion Ratio Lower Upper
69 100
41 78.8 51.4 77.0#
39 47.0 34.6 52.0





#57

1,3-Dichloropropane

Concen: 51.085 ug/l

RT: 11.044 min Scan# 3377

Delta R.T. -0.002 min

Lab File: VN069846.D

Acq: 8 Dec 2021 5:48

Instrument :

MSVOA_N

ClientSampleId :

MW202D1-20211204MSD

Tgt Ion: 76 Resp: 1097408

Ion Ratio Lower Upper

76 100

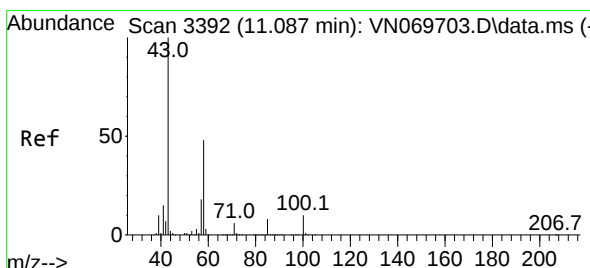
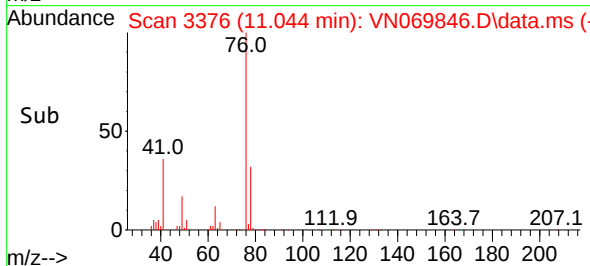
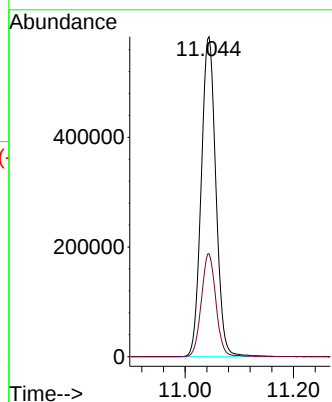
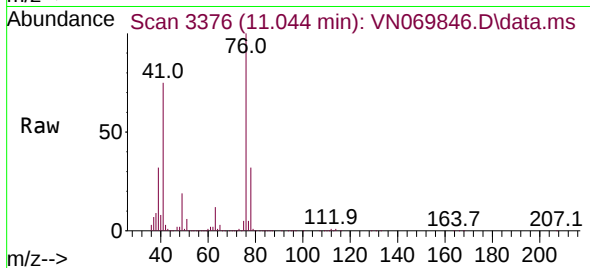
78 31.9 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/08/2021

Supervised By :Amit Patel 12/14/2021



#59

2-Hexanone

Concen: 217.777 ug/l

RT: 11.084 min Scan# 3391

Delta R.T. -0.003 min

Lab File: VN069846.D

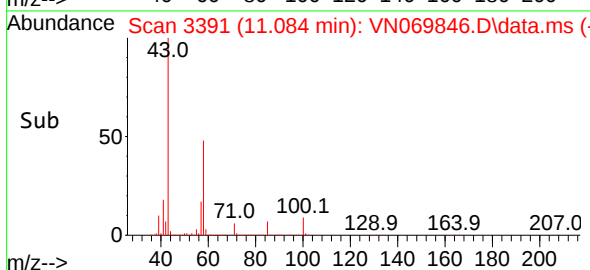
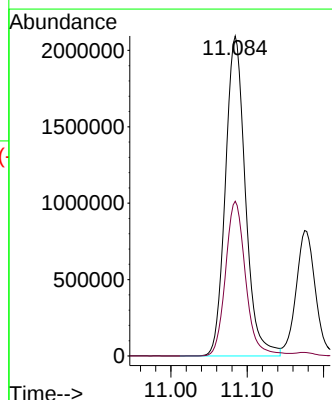
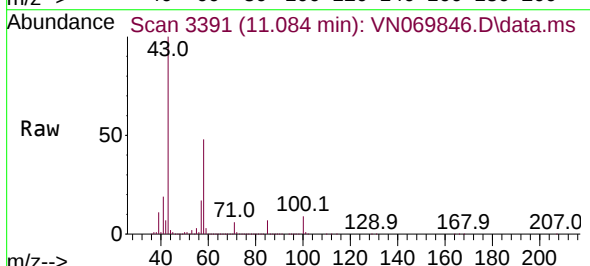
Acq: 8 Dec 2021 5:48

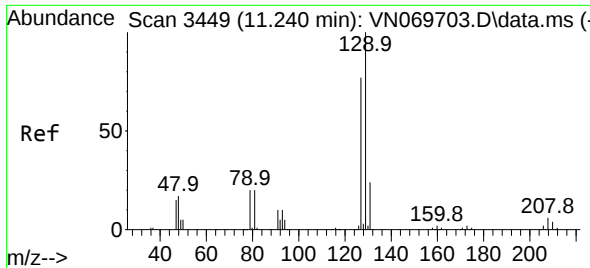
Tgt Ion: 43 Resp: 3814174

Ion Ratio Lower Upper

43 100

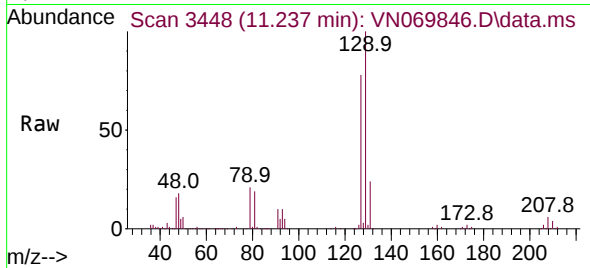
58 48.7 26.9 80.7





#60
Dibromochloromethane
Concen: 47.015 ug/l
RT: 11.237 min Scan# 3449
Delta R.T. -0.003 min
Lab File: VN069846.D
Acq: 8 Dec 2021 5:48

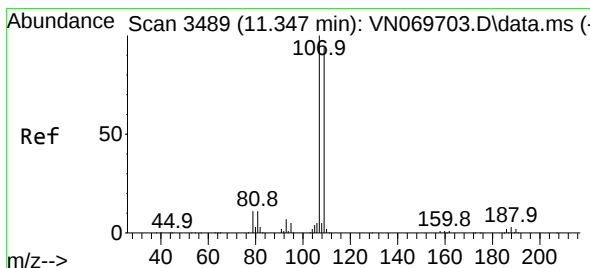
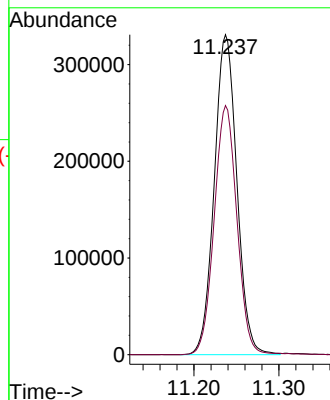
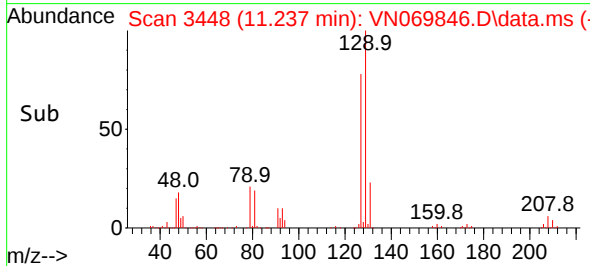
Instrument :
MSVOA_N
ClientSampleId :
MW202D1-20211204MSD



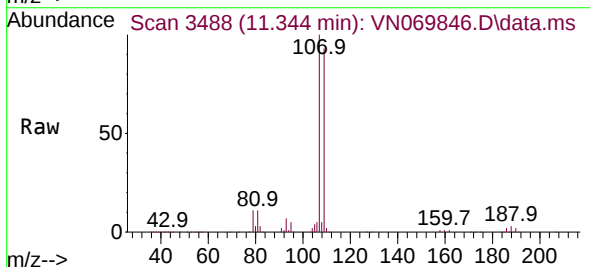
Tgt Ion:129 Resp: 61263
Ion Ratio Lower Upper
129 100
127 78.1 38.6 116.0

Manual Integrations
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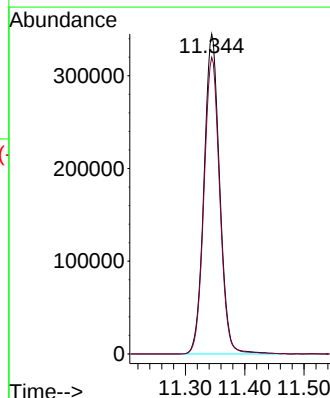
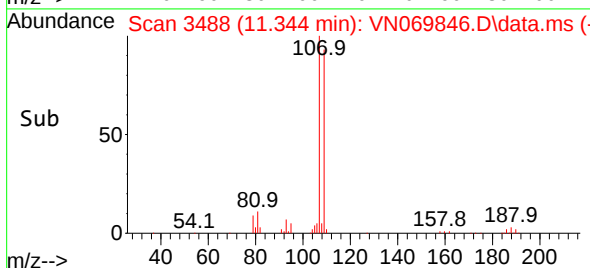
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021

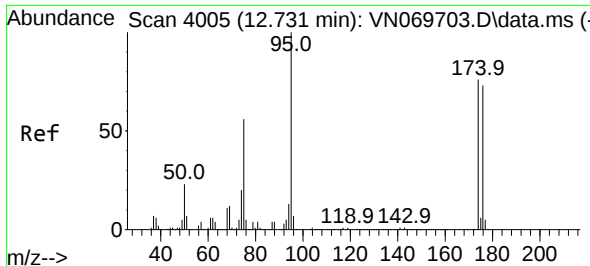


#61
1,2-Dibromoethane
Concen: 49.985 ug/l
RT: 11.344 min Scan# 3488
Delta R.T. -0.003 min
Lab File: VN069846.D
Acq: 8 Dec 2021 5:48



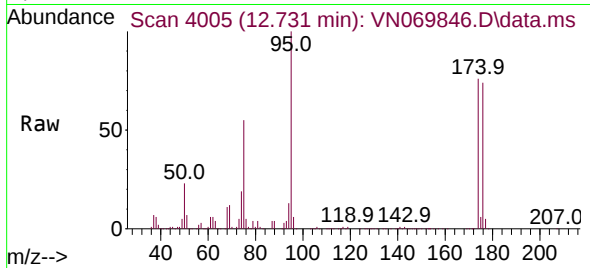
Tgt Ion:107 Resp: 631637
Ion Ratio Lower Upper
107 100
109 93.5 75.7 113.5





#62
4-Bromofluorobenzene
Concen: 46.943 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN069846.D
Acq: 8 Dec 2021 5:48

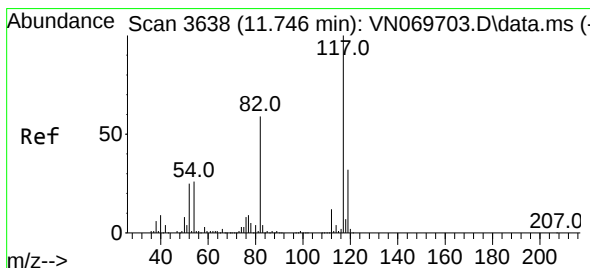
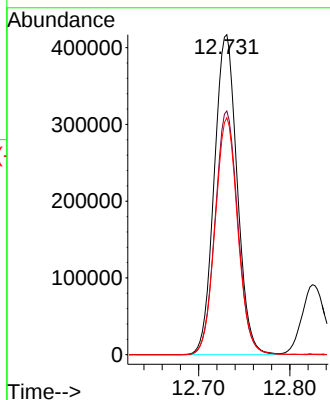
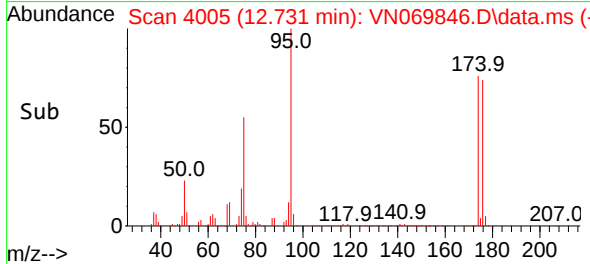
Instrument :
MSVOA_N
ClientSampleId :
MW202D1-20211204MSD



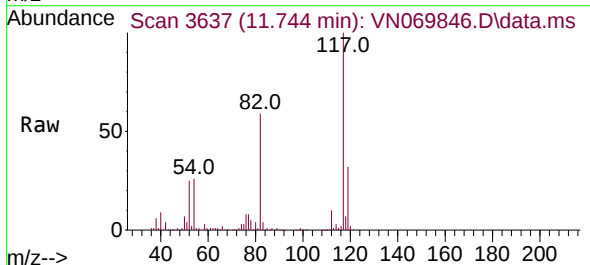
Tgt Ion: 95 Resp: 72805
Ion Ratio Lower Upper
95 100
174 75.7 0.0 187.2
176 73.4 0.0 181.4

Manual Integrations
APPROVED

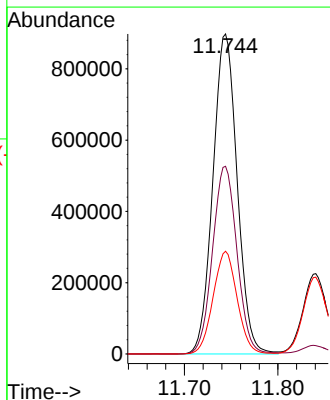
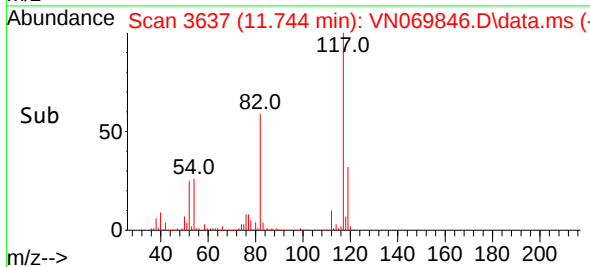
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021

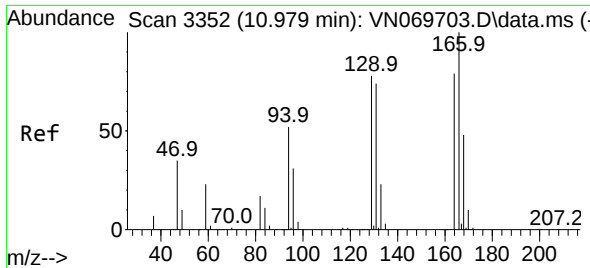


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.002 min
Lab File: VN069846.D
Acq: 8 Dec 2021 5:48



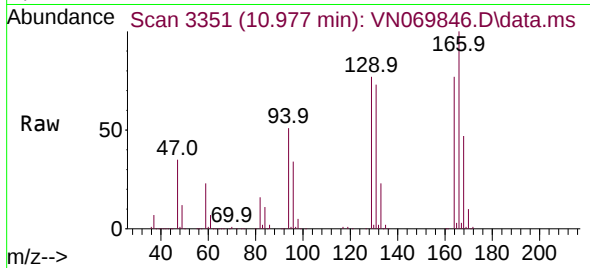
Tgt Ion:117 Resp: 1619558
Ion Ratio Lower Upper
117 100
82 58.6 42.4 63.6
119 32.1 25.4 38.2





#64
Tetrachloroethene
Concen: 47.894 ug/l
RT: 10.977 min Scan# 31
Delta R.T. -0.002 min
Lab File: VN069846.D
Acq: 8 Dec 2021 5:48

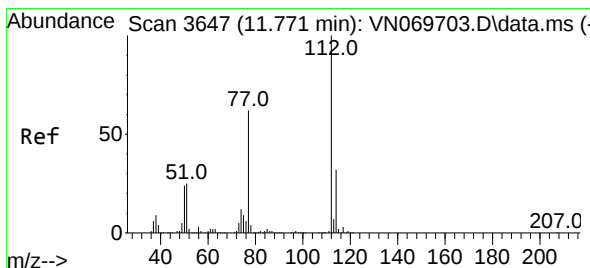
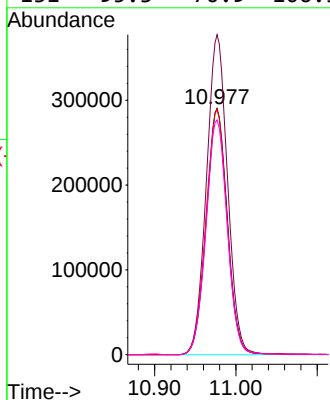
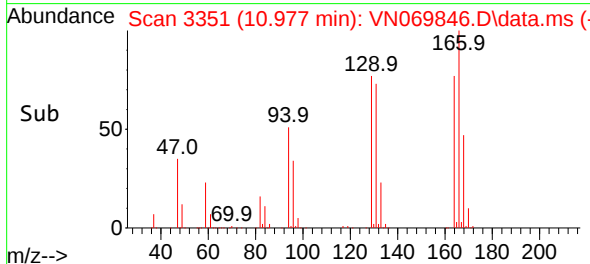
Instrument :
MSVOA_N
ClientSampleId :
MW202D1-20211204MSD



Tgt Ion:164 Resp: 52595
Ion Ratio Lower Upper
164 100
166 130.0 101.9 152.9
129 99.6 72.0 108.0
131 95.3 70.9 106.3

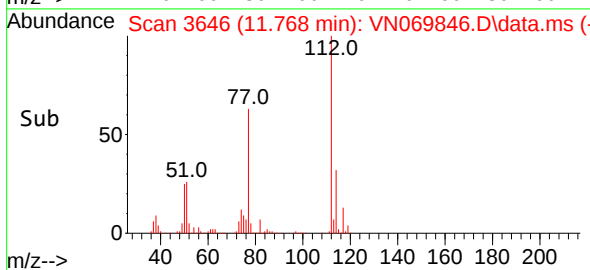
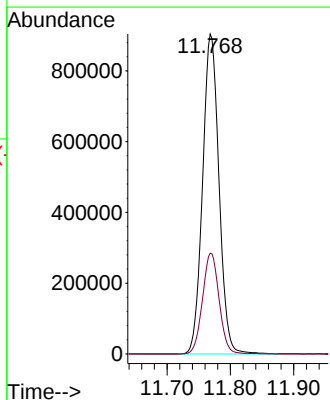
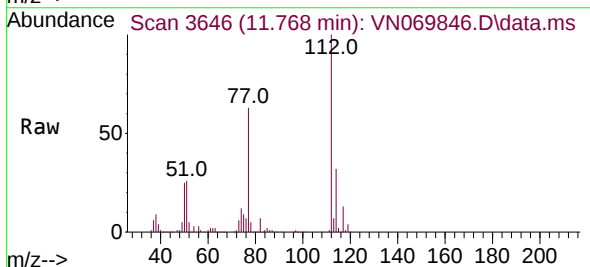
Manual Integrations
APPROVED

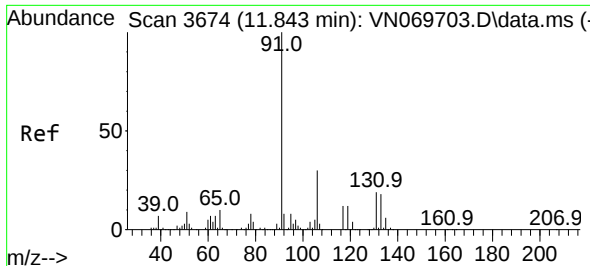
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021



#65
Chlorobenzene
Concen: 49.443 ug/l
RT: 11.768 min Scan# 3646
Delta R.T. -0.003 min
Lab File: VN069846.D
Acq: 8 Dec 2021 5:48

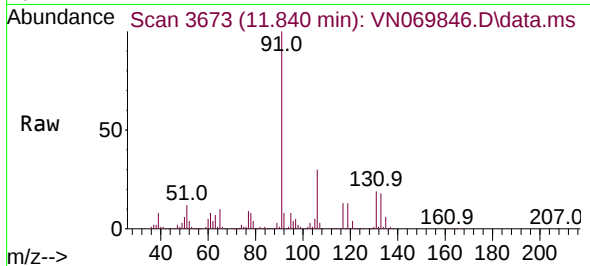
Tgt Ion:112 Resp: 1624488
Ion Ratio Lower Upper
112 100
114 31.5 25.4 38.0





#66
1,1,1,2-Tetrachloroethane
Concen: 51.330 ug/l
RT: 11.840 min Scan# 3673
Delta R.T. -0.003 min
Lab File: VN069846.D
Acq: 8 Dec 2021 5:48

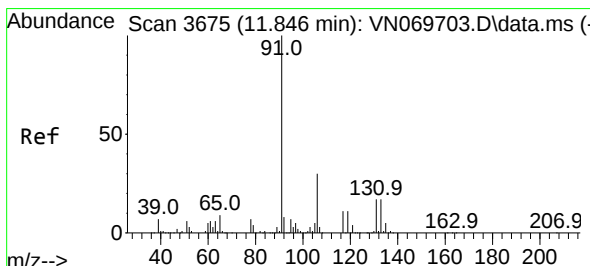
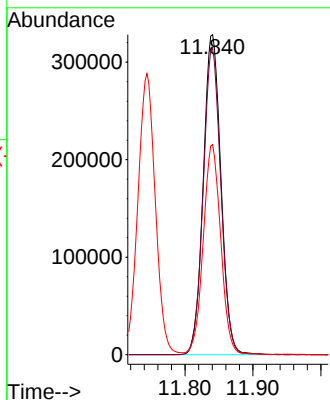
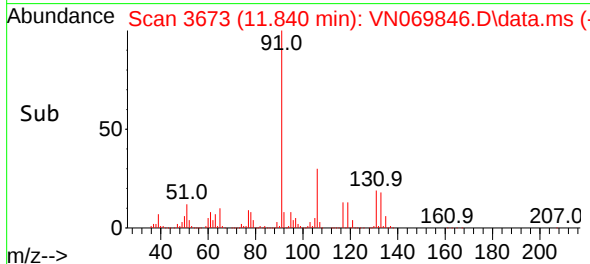
Instrument :
MSVOA_N
ClientSampleId :
MW202D1-20211204MSD



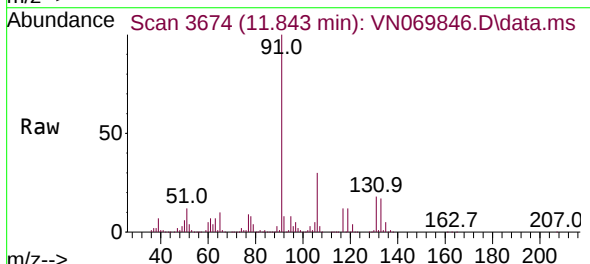
Tgt Ion:131 Resp: 593590
Ion Ratio Lower Upper
131 100
133 95.1 47.9 143.7
119 64.5 32.1 96.5

Manual Integrations
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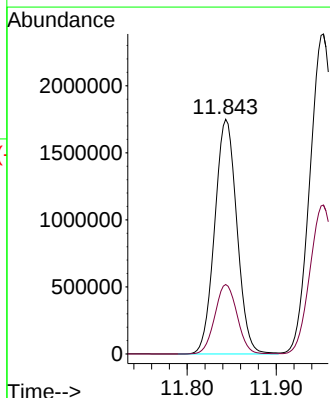
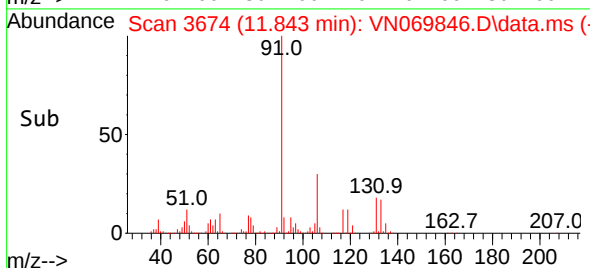
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021

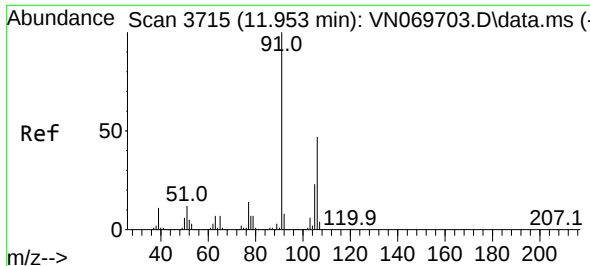


#67
Ethyl Benzene
Concen: 50.863 ug/l
RT: 11.843 min Scan# 3674
Delta R.T. -0.002 min
Lab File: VN069846.D
Acq: 8 Dec 2021 5:48



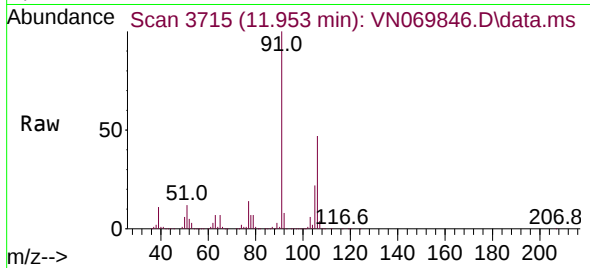
Tgt Ion: 91 Resp: 3035593
Ion Ratio Lower Upper
91 100
106 29.5 25.7 38.5





#68
m/p-Xylenes
Concen: 101.697 ug/l
RT: 11.953 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN069846.D
Acq: 8 Dec 2021 5:48

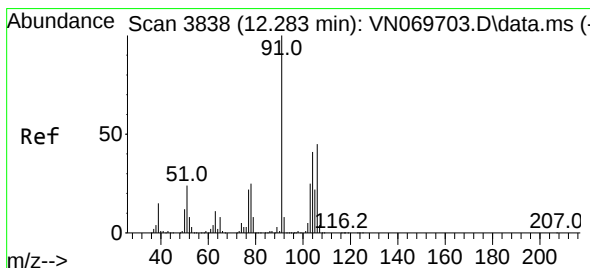
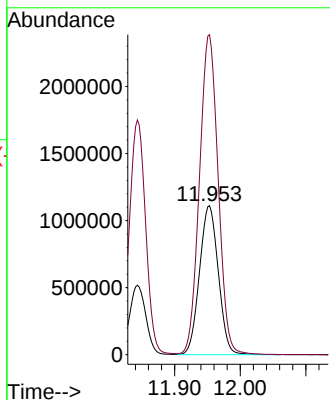
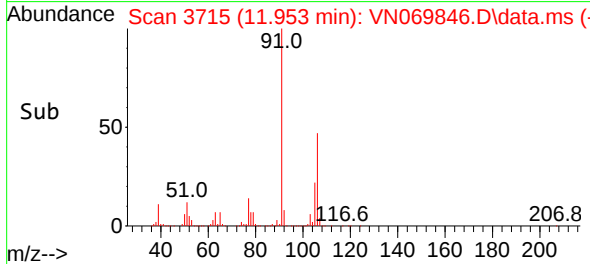
Instrument :
MSVOA_N
ClientSampleId :
MW202D1-20211204MSD



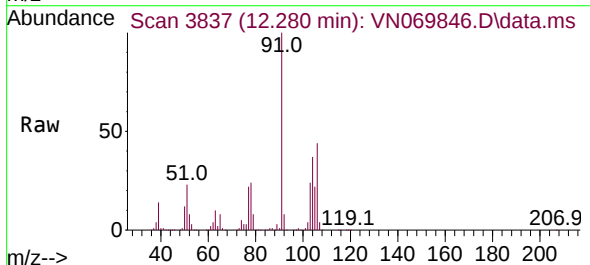
Tgt Ion:106 Resp: 2209964
Ion Ratio Lower Upper
106 100
91 213.8 160.6 240.8

Manual Integrations
APPROVED

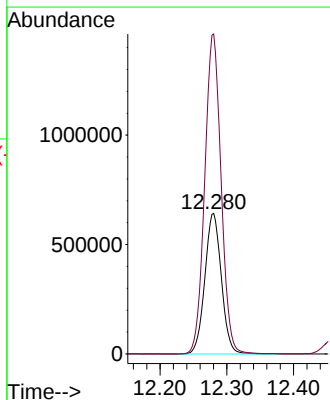
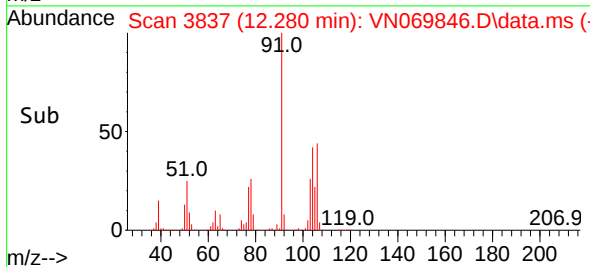
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021

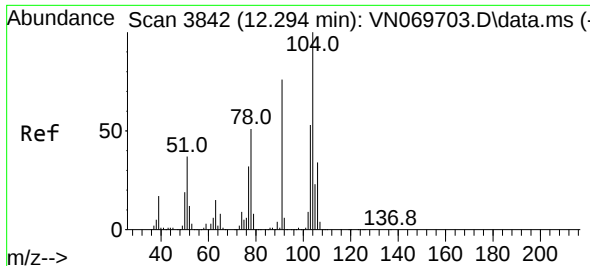


#69
o-Xylene
Concen: 50.332 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. -0.002 min
Lab File: VN069846.D
Acq: 8 Dec 2021 5:48



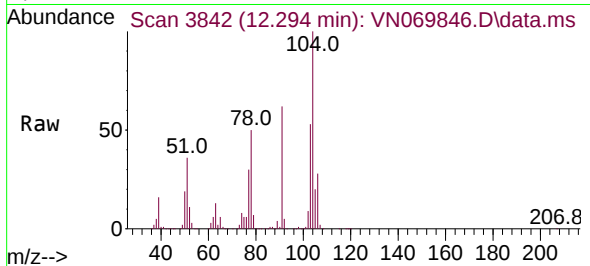
Tgt Ion:106 Resp: 1101709
Ion Ratio Lower Upper
106 100
91 226.5 105.8 317.3





#70
Styrene
Concen: 51.615 ug/l
RT: 12.294 min Scan# 3842
Delta R.T. -0.000 min
Lab File: VN069846.D
Acq: 8 Dec 2021 5:48

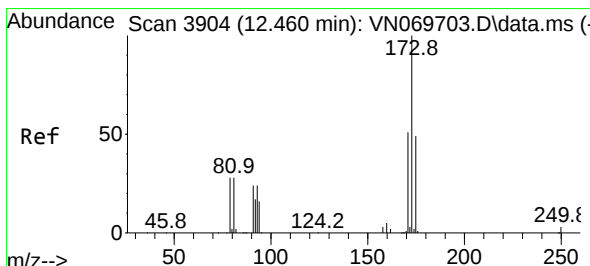
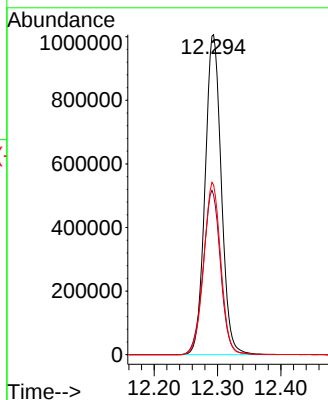
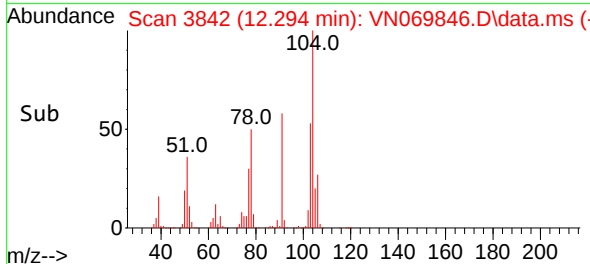
Instrument :
MSVOA_N
ClientSampleId :
MW202D1-20211204MSD



Tgt Ion:104 Resp: 1791488
Ion Ratio Lower Upper
104 100
78 54.9 38.7 58.1
103 56.6 45.0 67.6

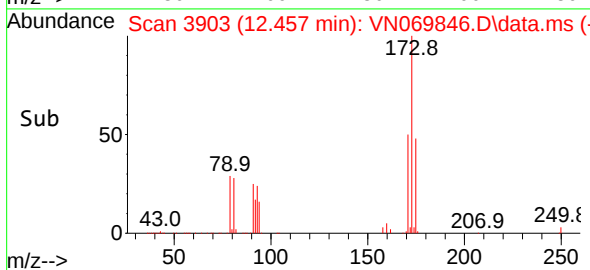
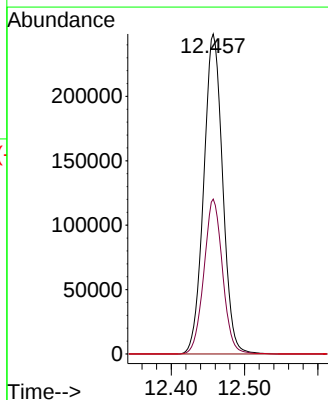
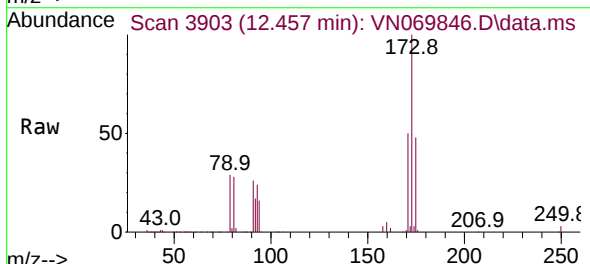
Manual Integrations
APPROVED

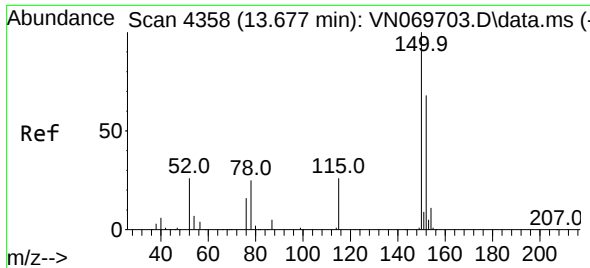
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021



#71
Bromoform
Concen: 45.357 ug/l
RT: 12.457 min Scan# 3903
Delta R.T. -0.003 min
Lab File: VN069846.D
Acq: 8 Dec 2021 5:48

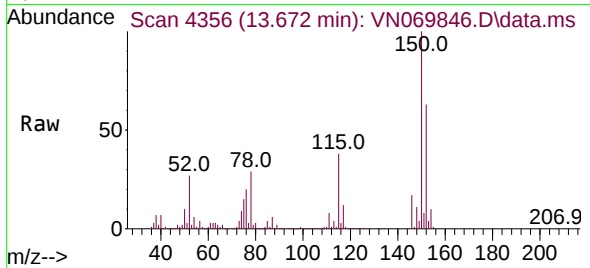
Tgt Ion:173 Resp: 445964
Ion Ratio Lower Upper
173 100
175 47.6 24.2 72.6
254 0.0 0.0 0.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.672 min Scan# 4358
Delta R.T. -0.005 min
Lab File: VN069846.D
Acq: 8 Dec 2021 5:48

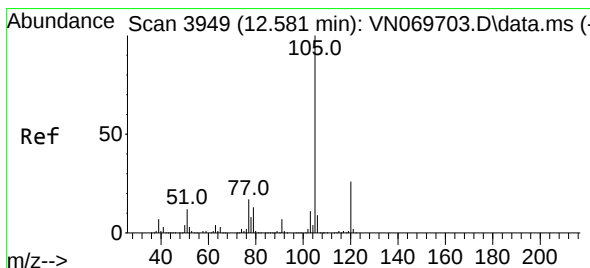
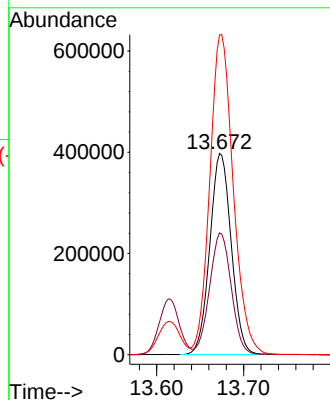
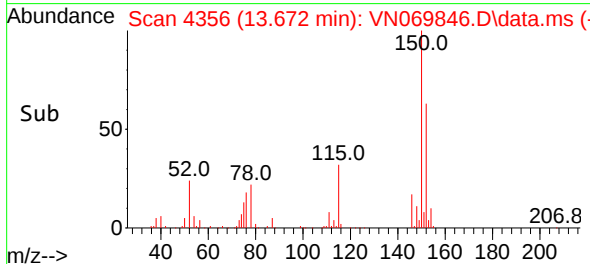
Instrument :
MSVOA_N
ClientSampleId :
MW202D1-20211204MSD



Tgt Ion:152 Resp: 681302
Ion Ratio Lower Upper
152 100
115 61.1 27.5 82.5
150 174.4 0.0 344.4

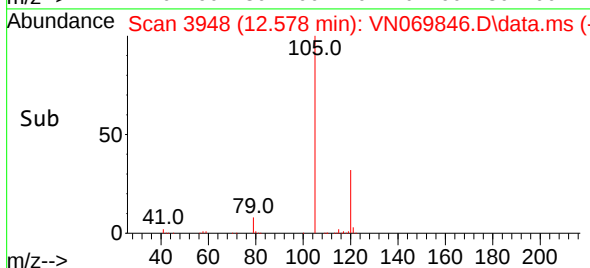
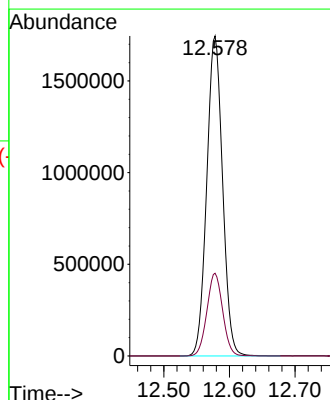
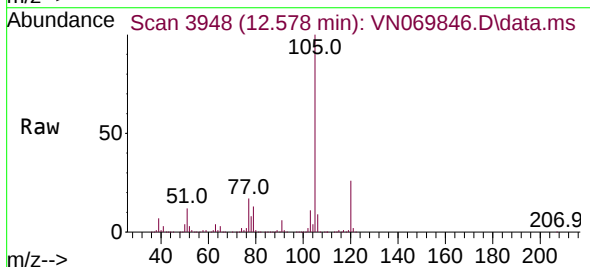
Manual Integrations
APPROVED

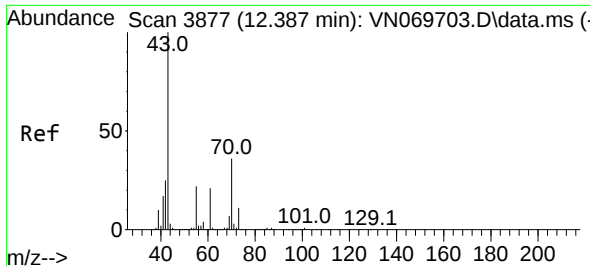
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021



#73
Isopropylbenzene
Concen: 48.146 ug/l
RT: 12.578 min Scan# 3948
Delta R.T. -0.002 min
Lab File: VN069846.D
Acq: 8 Dec 2021 5:48

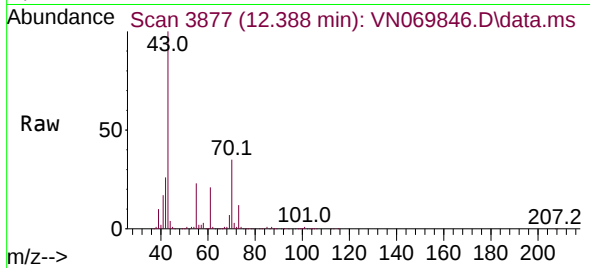
Tgt Ion:105 Resp: 2918477
Ion Ratio Lower Upper
105 100
120 25.8 13.4 40.1





#74
N-amy1 acetate
Concen: 43.660 ug/l
RT: 12.388 min Scan# 3877
Delta R.T. 0.000 min
Lab File: VN069846.D
Acq: 8 Dec 2021 5:48

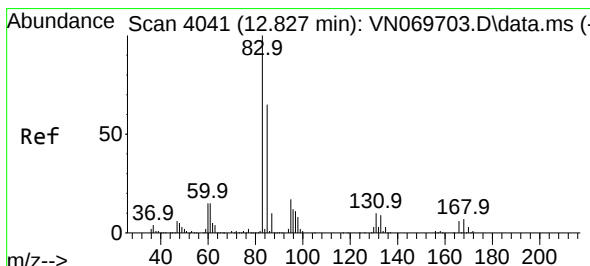
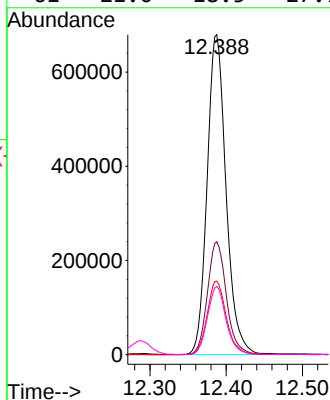
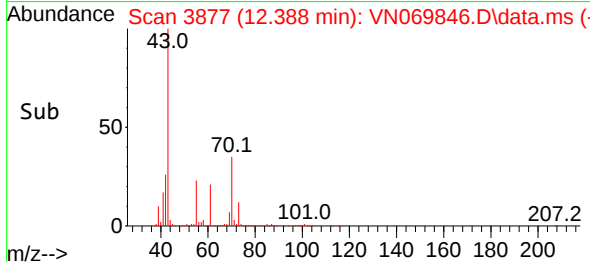
Instrument :
MSVOA_N
ClientSampleId :
MW202D1-20211204MSD



Tgt Ion: 43 Resp: 117040
Ion Ratio Lower Upper
43 100
70 35.5 33.4 50.0
55 23.3 19.3 28.9
61 21.0 18.5 27.7

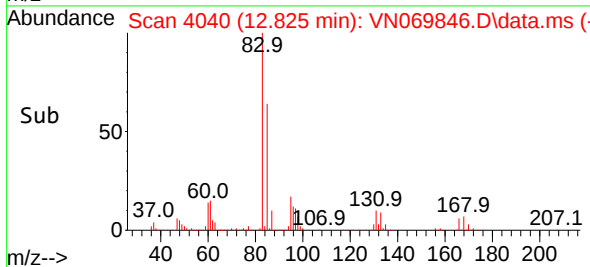
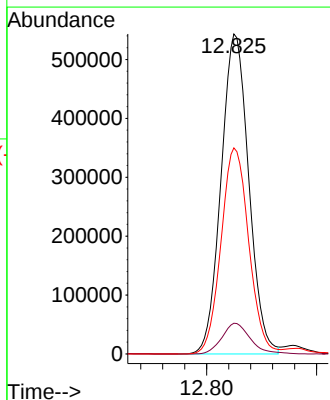
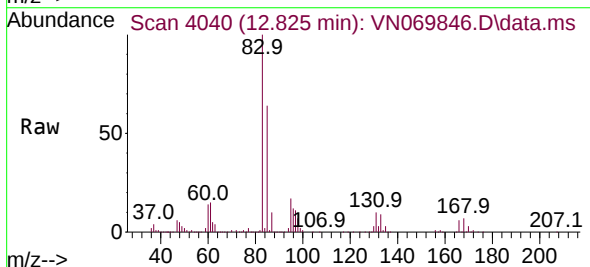
Manual Integrations
APPROVED

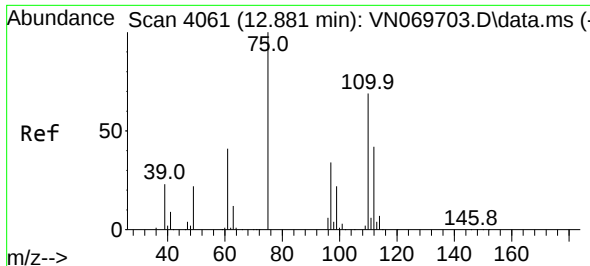
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021



#75
1,1,2,2-Tetrachloroethane
Concen: 45.352 ug/l
RT: 12.825 min Scan# 4040
Delta R.T. -0.002 min
Lab File: VN069846.D
Acq: 8 Dec 2021 5:48

Tgt Ion: 83 Resp: 950636
Ion Ratio Lower Upper
83 100
131 9.8 5.5 16.5
85 64.5 32.4 97.2





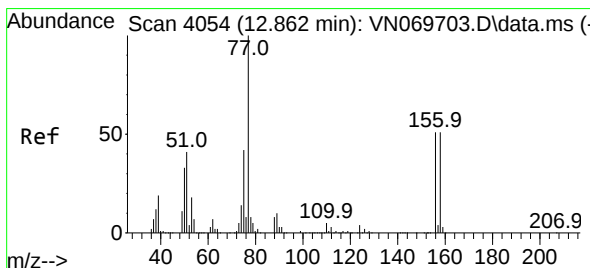
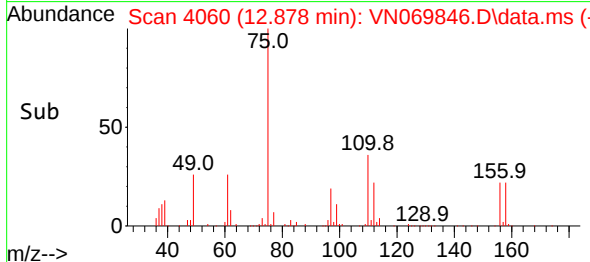
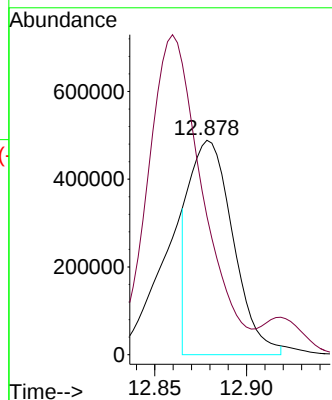
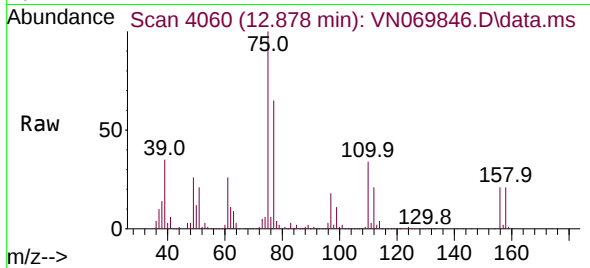
#76
1,2,3-Trichloropropane
Concen: 41.074 ug/l m
RT: 12.878 min Scan# 4060
Delta R.T. -0.002 min
Lab File: VN069846.D
Acq: 8 Dec 2021 5:48

Instrument :
MSVOA_N
ClientSampleId :
MW202D1-20211204MSD

Tgt Ion: 75 Resp: 802518
Ion Ratio Lower Upper
75 100
77 188.0 82.6 247.8

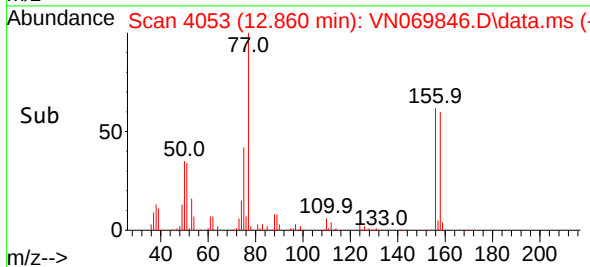
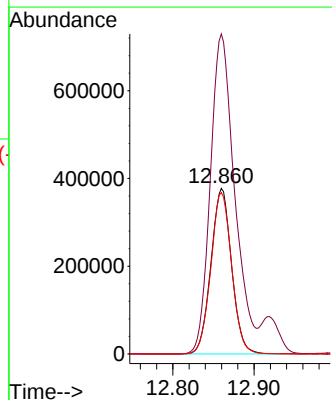
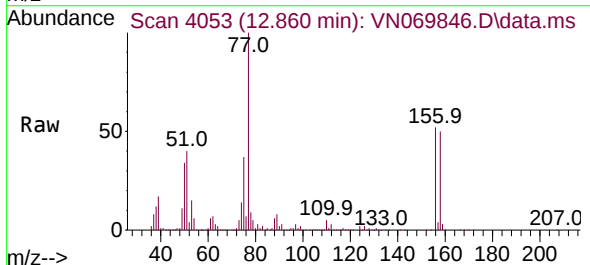
Manual Integrations
APPROVED

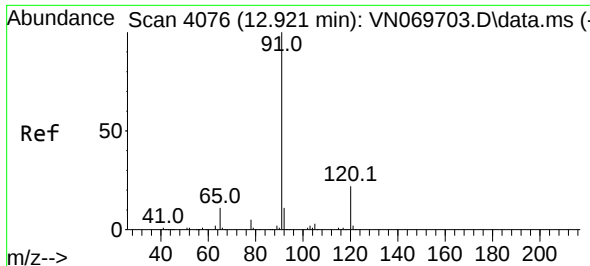
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021



#77
Bromobenzene
Concen: 46.828 ug/l
RT: 12.860 min Scan# 4053
Delta R.T. -0.002 min
Lab File: VN069846.D
Acq: 8 Dec 2021 5:48

Tgt Ion:156 Resp: 666746
Ion Ratio Lower Upper
156 100
77 226.2 90.6 271.8
158 98.2 48.9 146.7





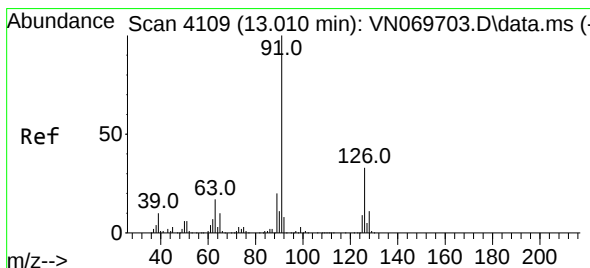
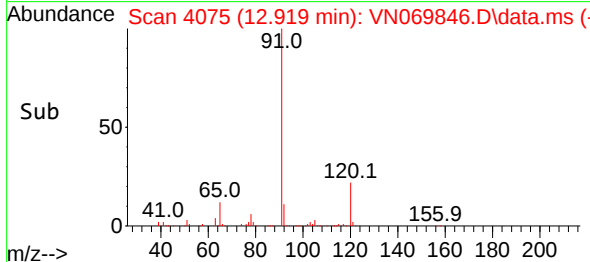
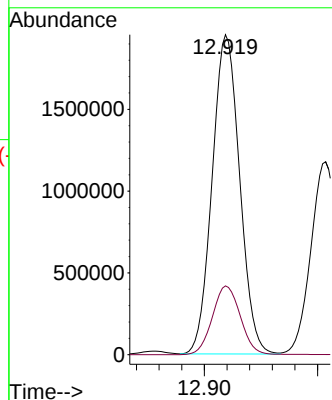
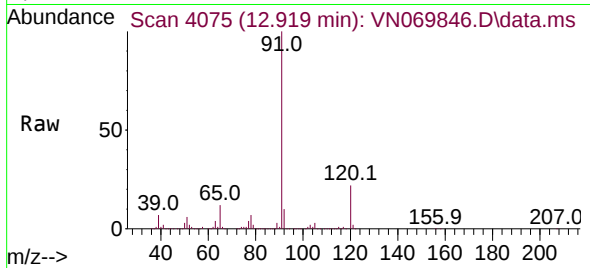
#78
n-propylbenzene
Concen: 48.749 ug/l
RT: 12.919 min Scan# 4076
Delta R.T. -0.002 min
Lab File: VN069846.D
Acq: 8 Dec 2021 5:48

Instrument :
MSVOA_N
ClientSampleId :
MW202D1-20211204MSD

Tgt Ion: 91 Resp: 3288269
Ion Ratio Lower Upper
91 100
120 21.9 11.9 35.9

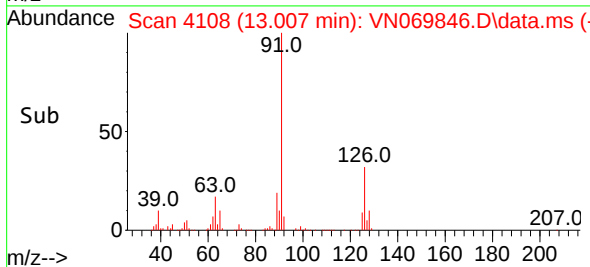
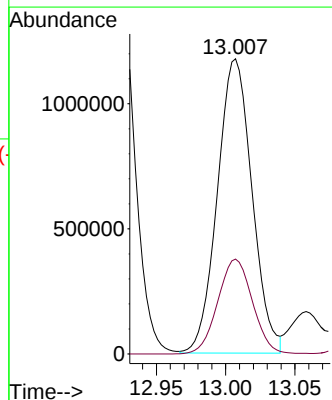
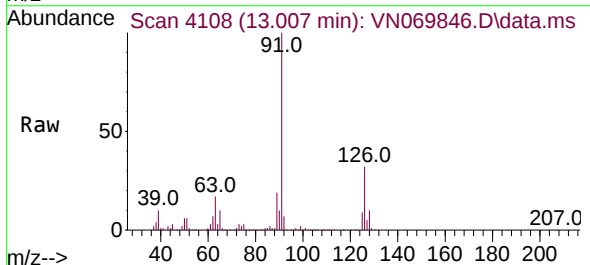
Manual Integrations
APPROVED

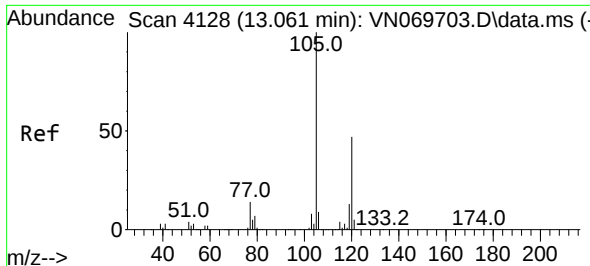
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021



#79
2-Chlorotoluene
Concen: 48.090 ug/l
RT: 13.007 min Scan# 4108
Delta R.T. -0.002 min
Lab File: VN069846.D
Acq: 8 Dec 2021 5:48

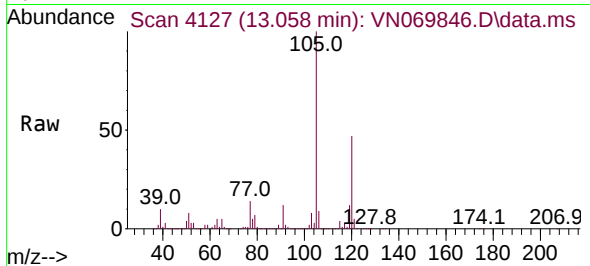
Tgt Ion: 91 Resp: 2049683
Ion Ratio Lower Upper
91 100
126 32.3 18.3 54.8





#80
1,3,5-Trimethylbenzene
Concen: 48.767 ug/l
RT: 13.058 min Scan# 41
Delta R.T. -0.002 min
Lab File: VN069846.D
Acq: 8 Dec 2021 5:48

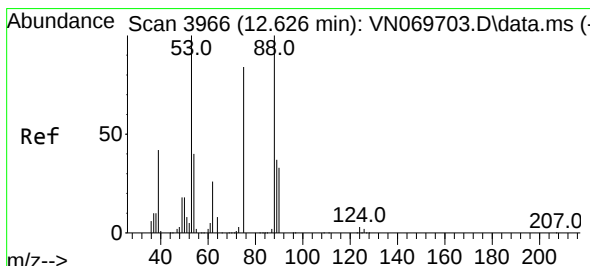
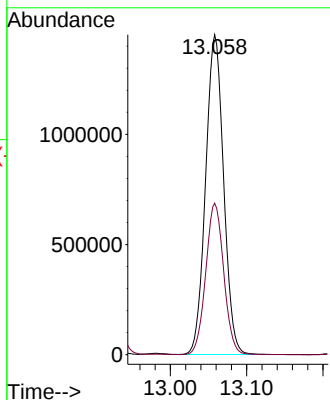
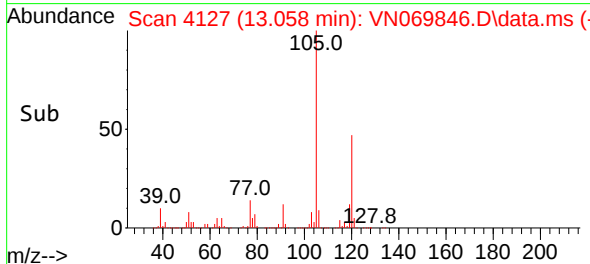
Instrument :
MSVOA_N
ClientSampleId :
MW202D1-20211204MSD



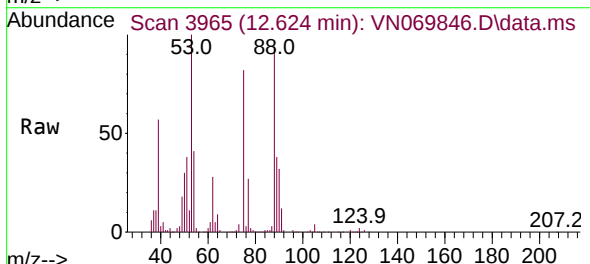
Tgt Ion:105 Resp: 237931
Ion Ratio Lower Upper
105 100
120 47.3 24.6 73.6

Manual Integrations
APPROVED

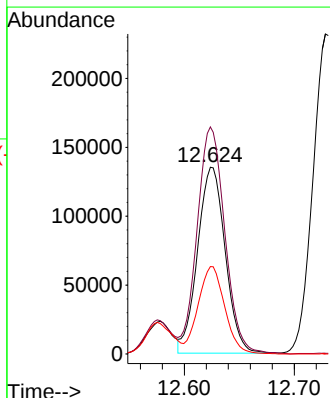
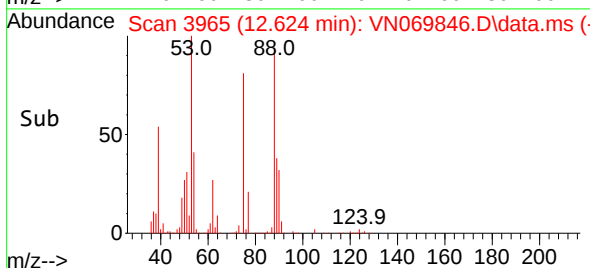
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021

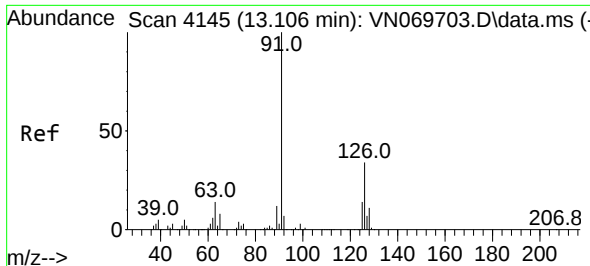


#81
trans-1,4-Dichloro-2-butene
Concen: 40.362 ug/l
RT: 12.624 min Scan# 3965
Delta R.T. -0.002 min
Lab File: VN069846.D
Acq: 8 Dec 2021 5:48



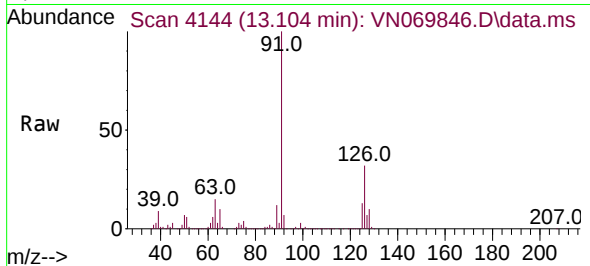
Tgt Ion: 75 Resp: 235864
Ion Ratio Lower Upper
75 100
53 122.9 90.5 135.7
89 45.1 38.2 57.4





#82
4-Chlorotoluene
Concen: 48.428 ug/l
RT: 13.104 min Scan# 4145
Delta R.T. -0.002 min
Lab File: VN069846.D
Acq: 8 Dec 2021 5:48

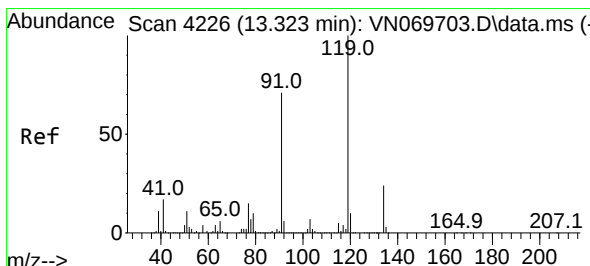
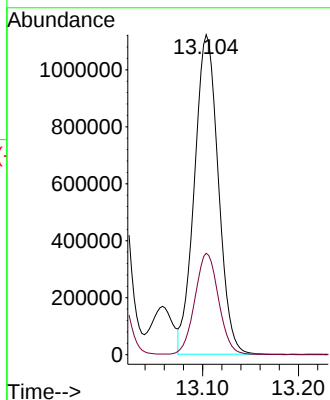
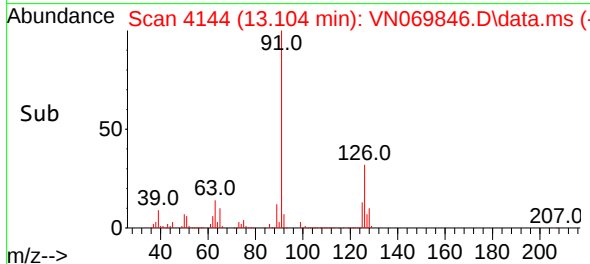
Instrument :
MSVOA_N
ClientSampleId :
MW202D1-20211204MSD



Tgt Ion: 91 Resp: 194112
Ion Ratio Lower Upper
91 100
126 31.7 18.2 54.6

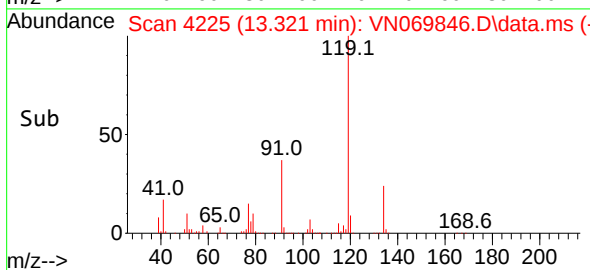
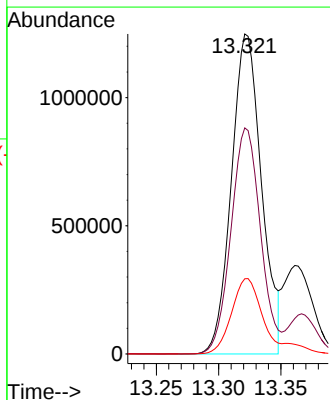
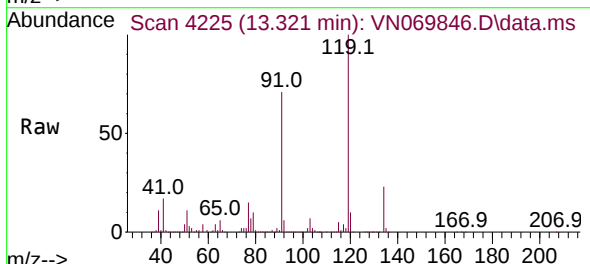
Manual Integrations
APPROVED

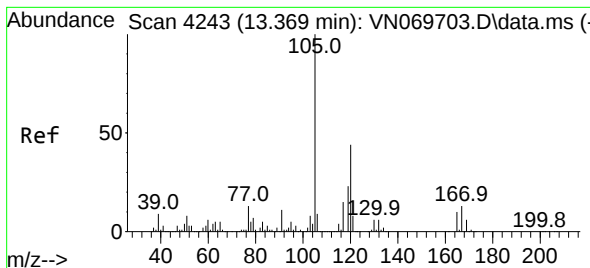
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021



#83
tert-Butylbenzene
Concen: 48.483 ug/l
RT: 13.321 min Scan# 4225
Delta R.T. -0.002 min
Lab File: VN069846.D
Acq: 8 Dec 2021 5:48

Tgt Ion:119 Resp: 2094550
Ion Ratio Lower Upper
119 100
91 69.7 31.5 94.5
134 26.1 12.4 37.4





#84

1,2,4-Trimethylbenzene

Concen: 50.298 ug/l

RT: 13.367 min Scan# 4243

Delta R.T. -0.002 min

Lab File: VN069846.D

Acq: 8 Dec 2021 5:48

Instrument :

MSVOA_N

ClientSampleId :

MW202D1-20211204MSD

Tgt Ion:105 Resp: 233711

Ion Ratio Lower Upper

105 100

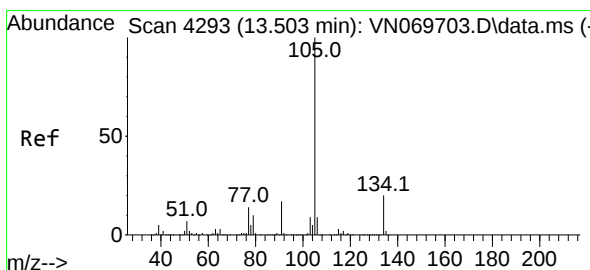
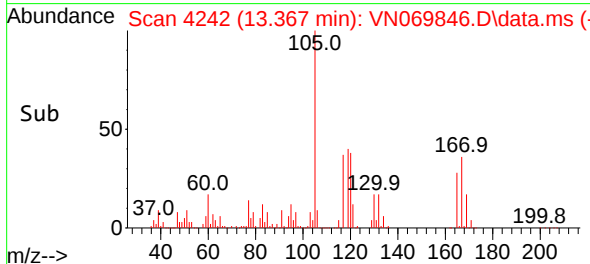
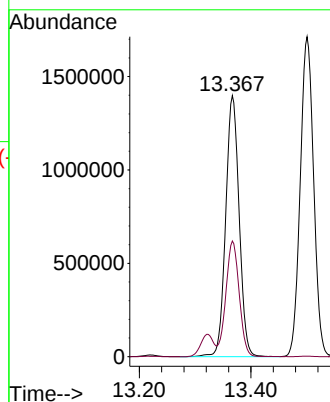
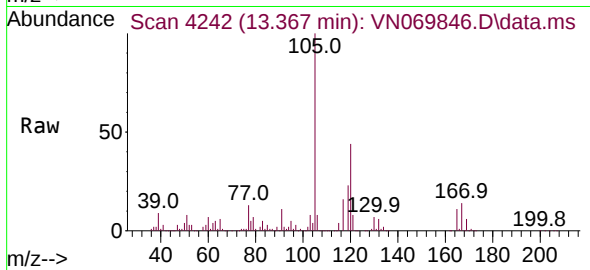
120 43.6 22.8 68.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/08/2021

Supervised By :Amit Patel 12/14/2021



#85

sec-Butylbenzene

Concen: 48.714 ug/l

RT: 13.501 min Scan# 4292

Delta R.T. -0.002 min

Lab File: VN069846.D

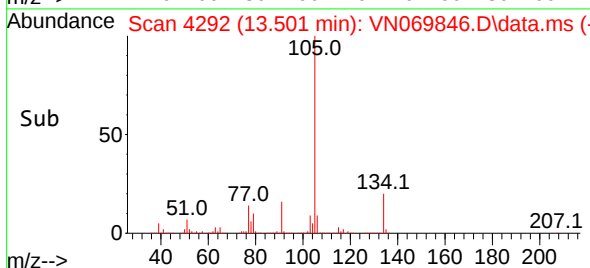
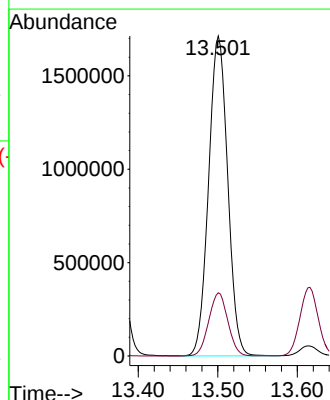
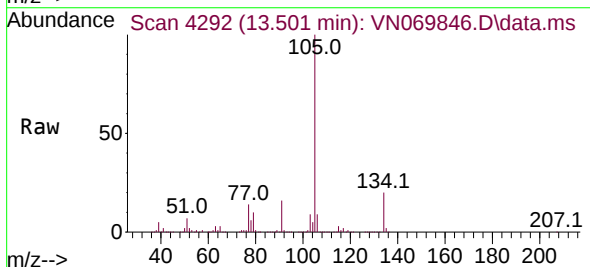
Acq: 8 Dec 2021 5:48

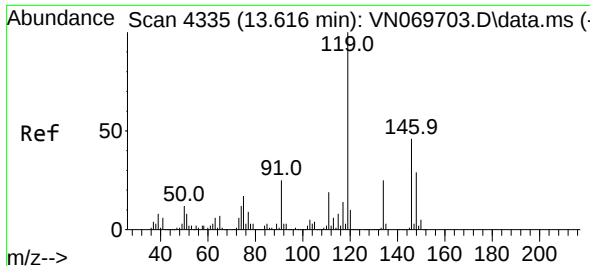
Tgt Ion:105 Resp: 2854587

Ion Ratio Lower Upper

105 100

134 19.8 10.4 31.1





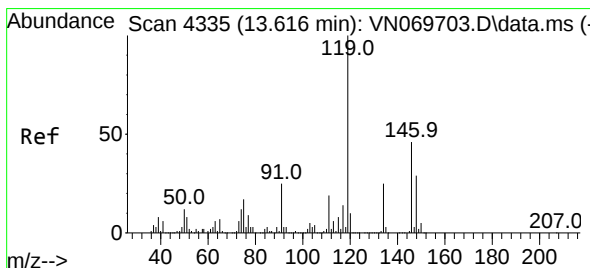
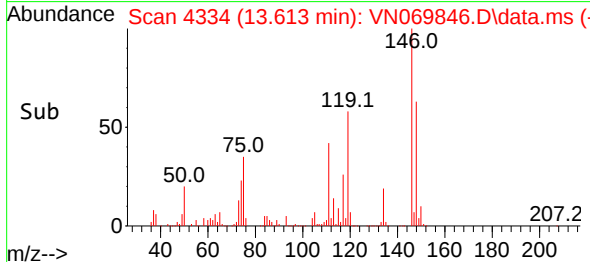
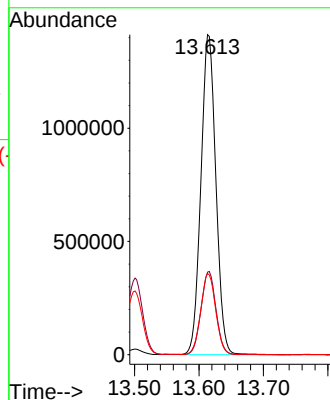
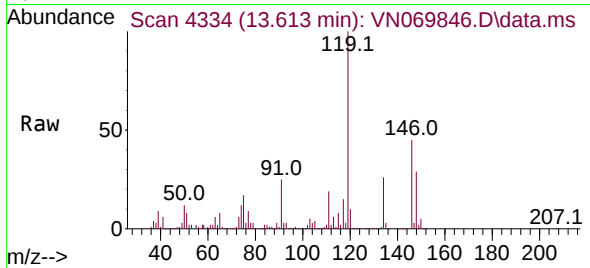
#86
p-Isopropyltoluene
Concen: 49.697 ug/l
RT: 13.613 min Scan# 4334
Delta R.T. -0.002 min
Lab File: VN069846.D
Acq: 8 Dec 2021 5:48

Instrument :
MSVOA_N
ClientSampleId :
MW202D1-20211204MSD

Tgt Ion:119 Resp: 2276349
Ion Ratio Lower Upper
119 100
134 25.9 13.6 40.7
91 25.2 11.4 34.1

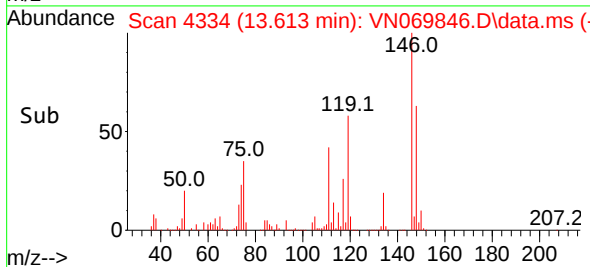
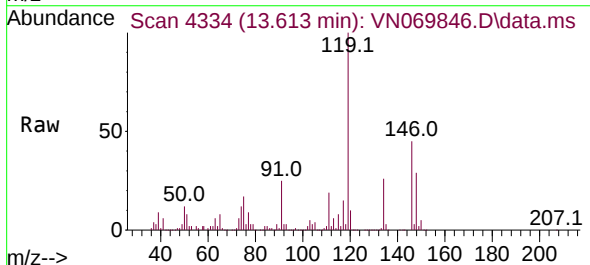
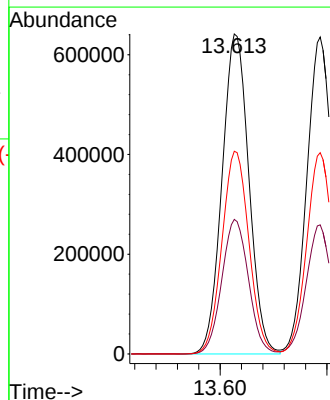
Manual Integrations
APPROVED

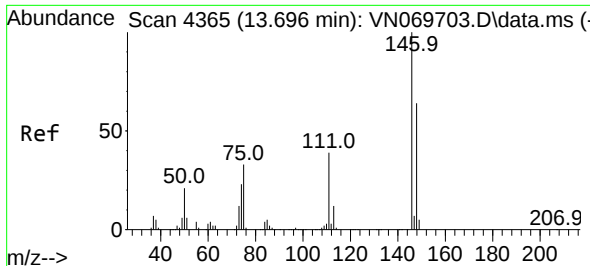
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021



#87
1,3-Dichlorobenzene
Concen: 47.993 ug/l
RT: 13.613 min Scan# 4334
Delta R.T. -0.002 min
Lab File: VN069846.D
Acq: 8 Dec 2021 5:48

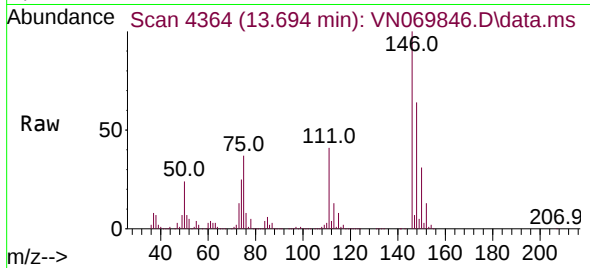
Tgt Ion:146 Resp: 1122585
Ion Ratio Lower Upper
146 100
111 41.7 18.6 55.6
148 63.6 31.6 95.0





#88
1,4-Dichlorobenzene
Concen: 47.059 ug/l
RT: 13.694 min Scan# 41
Delta R.T. -0.002 min
Lab File: VN069846.D
Acq: 8 Dec 2021 5:48

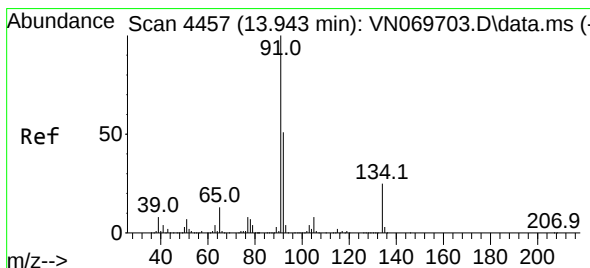
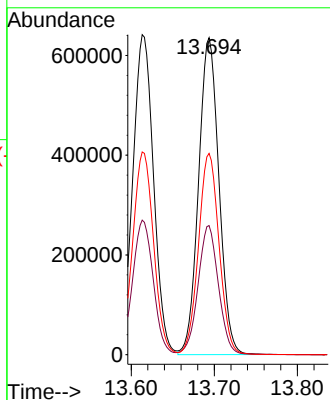
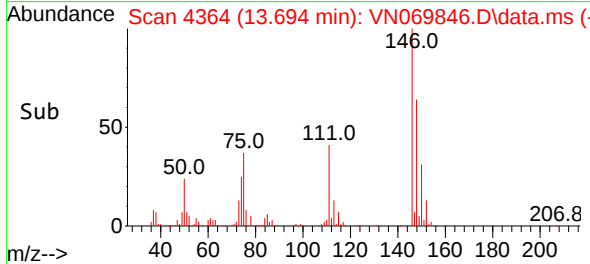
Instrument :
MSVOA_N
ClientSampleId :
MW202D1-20211204MSD



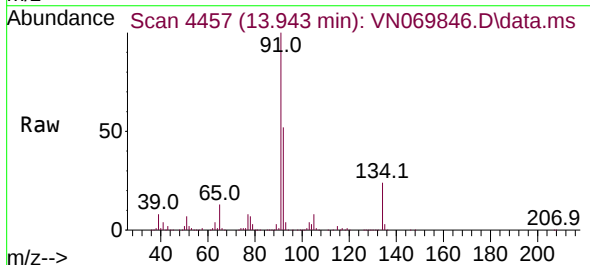
Tgt Ion:146 Resp: 1081720
Ion Ratio Lower Upper
146 100
111 41.1 18.3 54.8
148 64.1 31.8 95.4

Manual Integrations
APPROVED

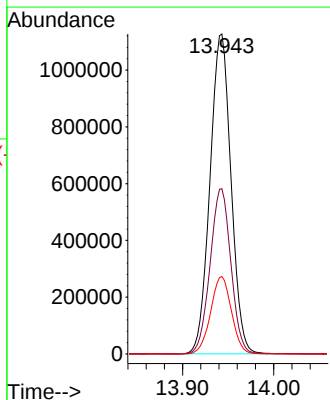
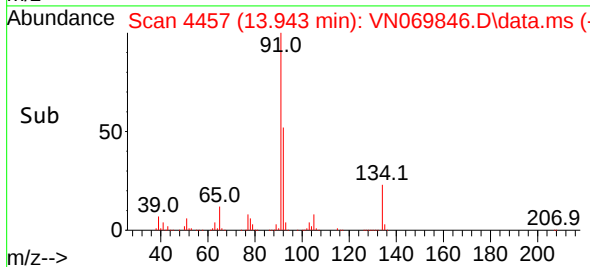
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021

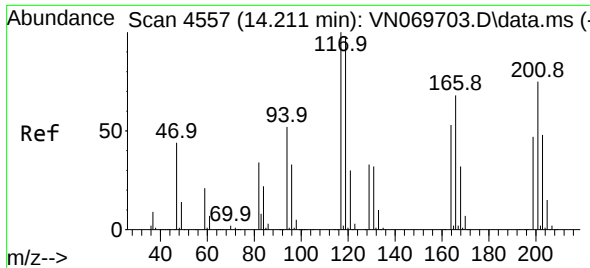


#89
n-Butylbenzene
Concen: 48.517 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. 0.000 min
Lab File: VN069846.D
Acq: 8 Dec 2021 5:48



Tgt Ion: 91 Resp: 1802717
Ion Ratio Lower Upper
91 100
92 51.3 25.4 76.0
134 24.0 13.6 40.8





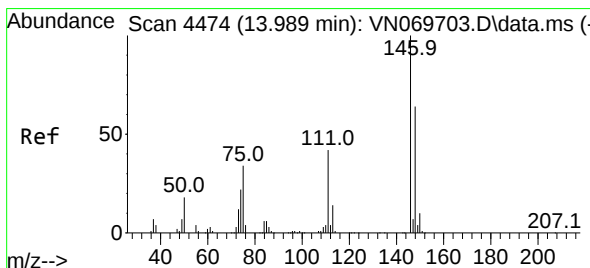
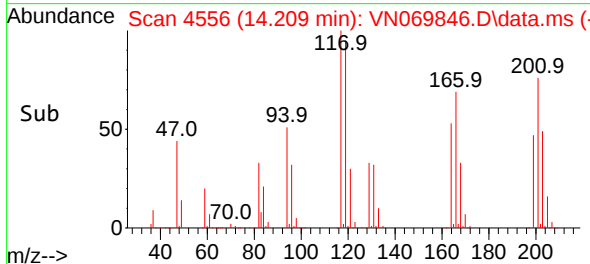
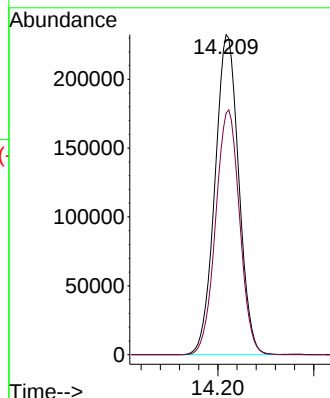
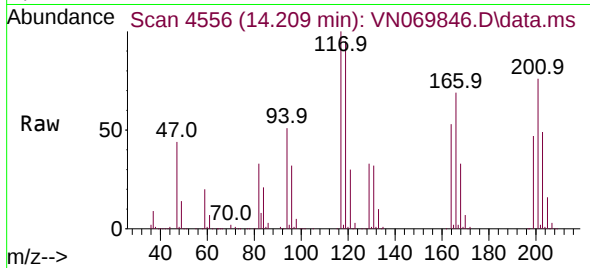
#90
Hexachloroethane
Concen: 49.698 ug/l
RT: 14.209 min Scan# 4556
Delta R.T. -0.002 min
Lab File: VN069846.D
Acq: 8 Dec 2021 5:48

Instrument :
MSVOA_N
ClientSampleId :
MW202D1-20211204MSD

Tgt Ion:117 Resp: 399663
Ion Ratio Lower Upper
117 100
201 77.0 43.9 131.6

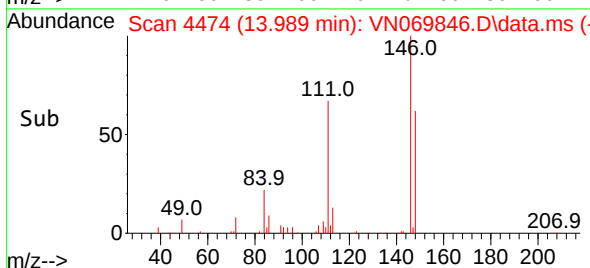
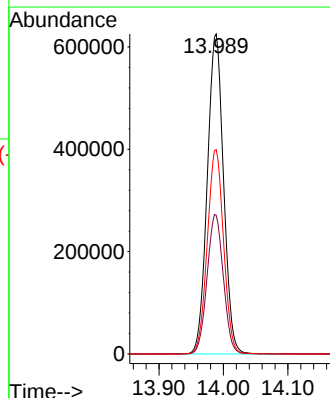
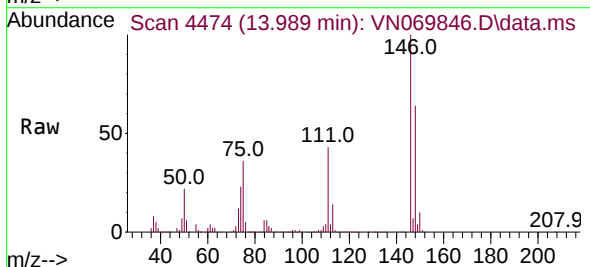
Manual Integrations
APPROVED

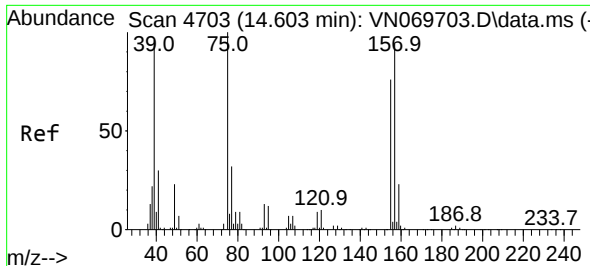
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021



#91
1,2-Dichlorobenzene
Concen: 48.125 ug/l
RT: 13.989 min Scan# 4474
Delta R.T. 0.000 min
Lab File: VN069846.D
Acq: 8 Dec 2021 5:48

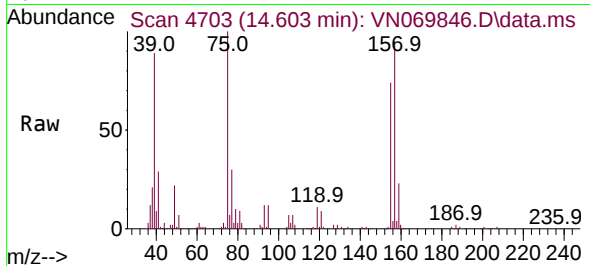
Tgt Ion:146 Resp: 1096812
Ion Ratio Lower Upper
146 100
111 43.6 19.1 57.3
148 64.0 32.1 96.3





#92
 1,2-Dibromo-3-Chloropropane
 Concen: 44.355 ug/l
 RT: 14.603 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VN069846.D
 Acq: 8 Dec 2021 5:48

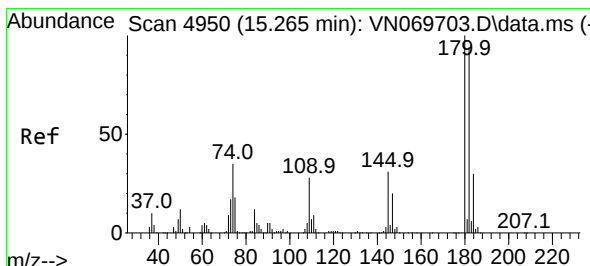
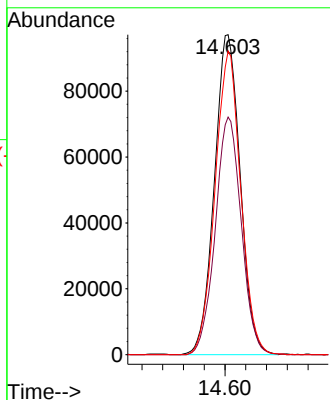
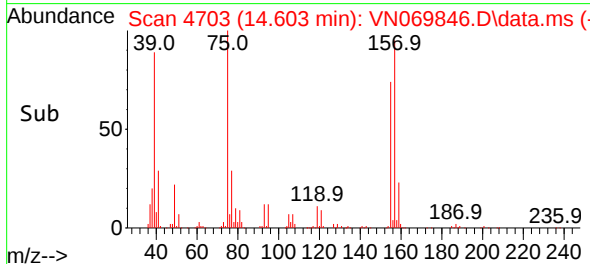
Instrument :
 MSVOA_N
 ClientSampleId :
 MW202D1-20211204MSD



Tgt Ion: 75 Resp: 168004
 Ion Ratio Lower Upper
 75 100
 155 74.8 46.9 140.7
 157 94.5 60.6 181.7

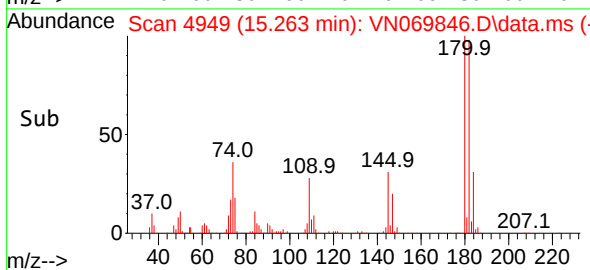
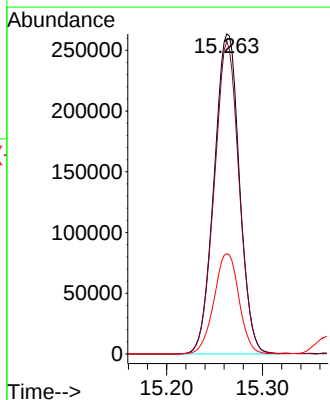
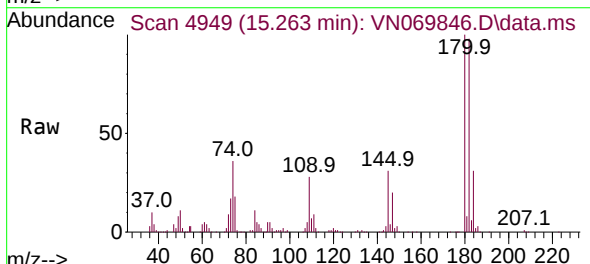
Manual Integrations
 APPROVED

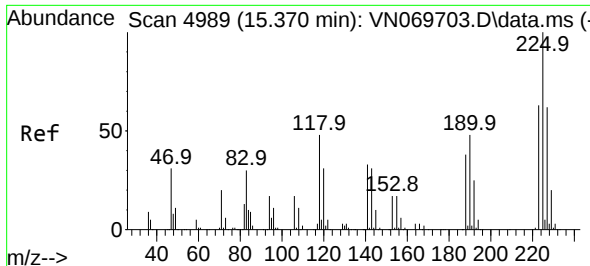
Reviewed By :John Carlone 12/08/2021
 Supervised By :Amit Patel 12/14/2021



#93
 1,2,4-Trichlorobenzene
 Concen: 43.521 ug/l
 RT: 15.263 min Scan# 4949
 Delta R.T. -0.002 min
 Lab File: VN069846.D
 Acq: 8 Dec 2021 5:48

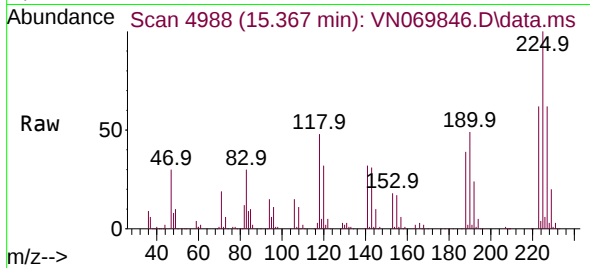
Tgt Ion:180 Resp: 482060
 Ion Ratio Lower Upper
 180 100
 182 95.8 48.3 144.9
 145 31.1 14.5 43.5





#94
Hexachlorobutadiene
Concen: 45.575 ug/l
RT: 15.367 min Scan# 4988
Delta R.T. -0.002 min
Lab File: VN069846.D
Acq: 8 Dec 2021 5:48

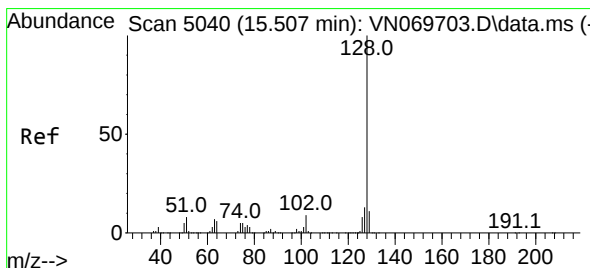
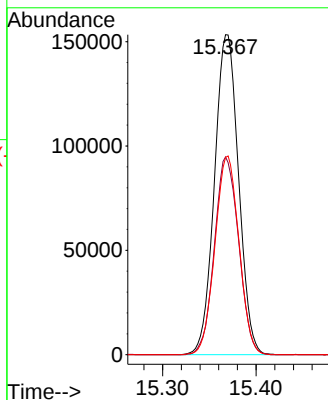
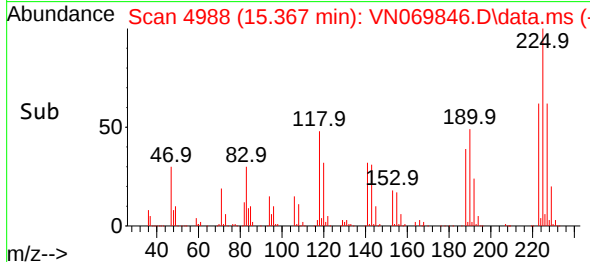
Instrument :
MSVOA_N
ClientSampleId :
MW202D1-20211204MSD



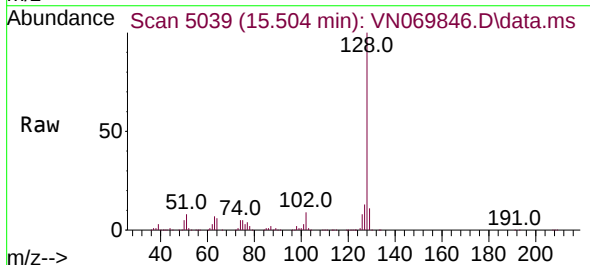
Tgt Ion:225 Resp: 27527
Ion Ratio Lower Upper
225 100
223 62.1 31.9 95.7
227 62.0 32.1 96.3

Manual Integrations
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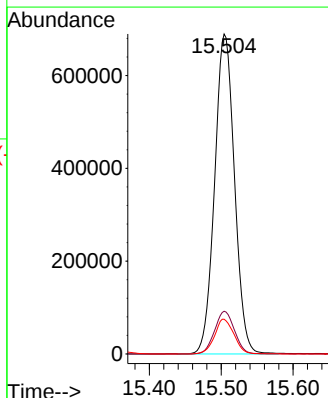
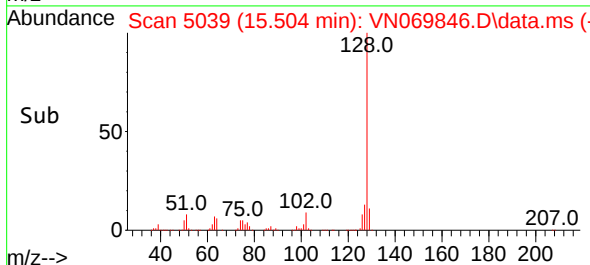
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021

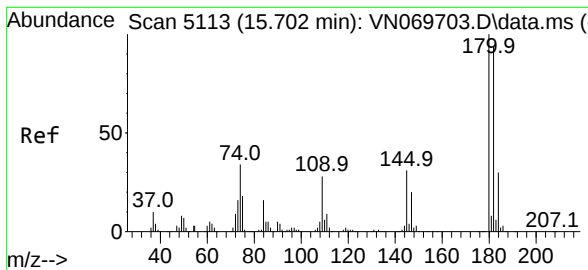


#95
Naphthalene
Concen: 40.431 ug/l
RT: 15.504 min Scan# 5039
Delta R.T. -0.003 min
Lab File: VN069846.D
Acq: 8 Dec 2021 5:48



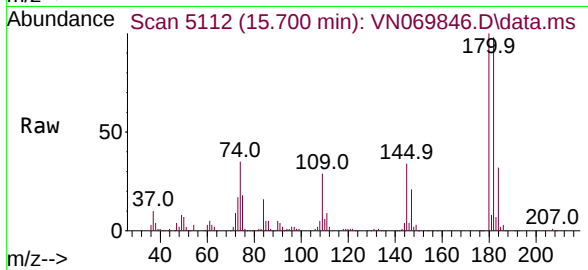
Tgt Ion:128 Resp: 1318568
Ion Ratio Lower Upper
128 100
127 13.4 10.5 15.7
129 10.7 8.7 13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 43.932 ug/l
 RT: 15.700 min Scan# 5113
 Delta R.T. -0.002 min
 Lab File: VN069846.D
 Acq: 8 Dec 2021 5:48

Instrument : MSVOA_N
 ClientSampleId : MW202D1-20211204MSD



Tgt Ion:180 Resp: 475209
 Ion Ratio Lower Upper
 180 100
 182 95.5 47.4 142.2
 145 33.1 15.0 45.1

Manual Integrations
 APPROVED

Reviewed By :John Carlone 12/08/2021
 Supervised By :Amit Patel 12/14/2021

