

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121321\
 Data File : VN070058.D
 Acq On : 14 Dec 2021 3:32
 Operator : JC/MD
 Sample : M5007-07MS
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TOLL-MW-07MS

Quant Time: Dec 14 07:31:27 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 12/14/2021
 Supervised By : Amit Patel 12/15/2021

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	965464	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1608038	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1491953	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	641836	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	784292	52.613	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 105.220%			
35) Dibromofluoromethane	8.024	113	547410	54.347	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 108.700%			
50) Toluene-d8	10.440	98	2091961	51.725	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 103.440%			
62) 4-Bromofluorobenzene	12.731	95	754809	51.516	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 103.040%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	479950	42.622	ug/l	100
3) Chloromethane	2.303	50	603420	42.773	ug/l	98
4) Vinyl Chloride	2.448	62	575207	44.343	ug/l	99
5) Bromomethane	2.842	94	285511	40.513	ug/l	100
6) Chloroethane	3.014	64	333804	41.993	ug/l	96
7) Trichlorofluoromethane	3.373	101	728357	42.782	ug/l	100
8) Diethyl Ether	3.824	74	312210	47.614	ug/l	80
9) 1,1,2-Trichlorotrifluo...	4.205	101	443041	46.423	ug/l	96
10) Methyl Iodide	4.419	142	596305	45.738	ug/l	99
11) Tert butyl alcohol	5.379	59	477344	169.407	ug/l	99
12) 1,1-Dichloroethene	4.181	96	413836	45.000	ug/l	89
13) Acrolein	4.038	56	436527	181.920	ug/l	99
14) Allyl chloride	4.838	41	977512	47.171	ug/l	91
15) Acrylonitrile	5.551	53	1703628	224.374	ug/l	98
16) Acetone	4.288	43	1517999	169.285	ug/l	97
17) Carbon Disulfide	4.527	76	1145883	48.229	ug/l	99
18) Methyl Acetate	4.856	43	1097824	40.560	ug/l #	90
19) Methyl tert-butyl Ether	5.618	73	1809635	50.608	ug/l	95
20) Methylene Chloride	5.095	84	531008	44.545	ug/l #	85
21) trans-1,2-Dichloroethene	5.597	96	452859	45.337	ug/l #	83
22) Diisopropyl ether	6.498	45	2017904	49.820	ug/l #	93
23) Vinyl Acetate	6.433	43	7386245	224.148	ug/l #	93
24) 1,1-Dichloroethane	6.388	63	1008215	48.052	ug/l	98
25) 2-Butanone	7.335	43	2441182	200.365	ug/l	90
26) 2,2-Dichloropropane	7.324	77	638679	39.150	ug/l	98
27) cis-1,2-Dichloroethene	7.327	96	567406	47.016	ug/l	86
28) Bromochloromethane	7.659	49	526761	48.279	ug/l #	76
29) Tetrahydrofuran	7.686	42	1605147	216.964	ug/l	87
30) Chloroform	7.817	83	1013534	47.831	ug/l	99
31) Cyclohexane	8.094	56	903573	43.556	ug/l	88
32) 1,1,1-Trichloroethane	8.013	97	843751	46.746	ug/l	94
36) 1,1-Dichloropropene	8.222	75	711826	46.500	ug/l	95
37) Ethyl Acetate	7.412	43	915320	40.174	ug/l	95
38) Carbon Tetrachloride	8.204	117	726310	48.384	ug/l	99
39) Methylcyclohexane	9.461	83	818050	44.927	ug/l	89
40) Benzene	8.458	78	2167537	46.324	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	499052	46.660	ug/l	90
42) 1,2-Dichloroethane	8.531	62	870804	46.103	ug/l	97
43) Isopropyl Acetate	8.560	43	1474826	43.742	ug/l #	94
44) Trichloroethene	9.215	130	498635	44.649	ug/l	92
45) 1,2-Dichloropropane	9.488	63	603325	48.016	ug/l	99
46) Dibromomethane	9.577	93	391829	47.549	ug/l	92
47) Bromodichloromethane	9.762	83	824118	52.820	ug/l	98
48) Methyl methacrylate	9.561	41	730630	46.434	ug/l	87
49) 1,4-Dioxane	9.569	88	203886	722.155	ug/l #	83
51) 4-Methyl-2-Pentanone	10.330	43	5098360	233.090	ug/l	95
52) Toluene	10.505	92	1328309	46.499	ug/l	99
53) t-1,3-Dichloropropene	10.719	75	805589	43.318	ug/l	98
54) cis-1,3-Dichloropropene	10.188	75	872185	44.508	ug/l #	88
55) 1,1,2-Trichloroethane	10.896	97	555858	48.226	ug/l	97
56) Ethyl methacrylate	10.759	69	895130	41.563	ug/l #	85
57) 1,3-Dichloropropane	11.044	76	967891	47.691	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.059	63	221	18.424	ug/l #	45
59) 2-Hexanone	11.084	43	3564083	215.402	ug/l	93
60) Dibromochloromethane	11.237	129	598461	48.533	ug/l	100
61) 1,2-Dibromoethane	11.344	107	554533	46.450	ug/l	99
64) Tetrachloroethene	10.977	164	417107	41.231	ug/l	96
65) Chlorobenzene	11.771	112	1400184	46.261	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.840	131	536078	50.321	ug/l	99
67) Ethyl Benzene	11.846	91	2634734	47.922	ug/l	96
68) m/p-Xylenes	11.953	106	1895780	94.701	ug/l	91
69) o-Xylene	12.280	106	955184	47.370	ug/l	90
70) Styrene	12.294	104	1583294	49.518	ug/l	95
71) Bromoform	12.457	173	452861	49.718	ug/l #	99
73) Isopropylbenzene	12.578	105	2521680	44.158	ug/l	98
74) N-amyl acetate	12.390	43	1034448	40.961	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.827	83	884349	44.784	ug/l	98
76) 1,2,3-Trichloropropane	12.881	75	800613m	43.497	ug/l	
77) Bromobenzene	12.859	156	590045	43.990	ug/l	78
78) n-propylbenzene	12.921	91	2896196	45.577	ug/l	96
79) 2-Chlorotoluene	13.007	91	1775066	44.208	ug/l	93
80) 1,3,5-Trimethylbenzene	13.061	105	2054668	44.703	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.626	75	233047	42.134	ug/l	93
82) 4-Chlorotoluene	13.104	91	1711406	45.322	ug/l	92
83) tert-Butylbenzene	13.323	119	1793155	44.059	ug/l	92
84) 1,2,4-Trimethylbenzene	13.369	105	2020195	46.151	ug/l	98
85) sec-Butylbenzene	13.503	105	2510743	45.481	ug/l	97
86) p-Isopropyltoluene	13.616	119	1983545	45.967	ug/l	96
87) 1,3-Dichlorobenzene	13.616	146	981276	44.531	ug/l	96
88) 1,4-Dichlorobenzene	13.694	146	952907	44.004	ug/l	98
89) n-Butylbenzene	13.943	91	1596031	45.596	ug/l	98
90) Hexachloroethane	14.211	117	395716	52.233	ug/l	88
91) 1,2-Dichlorobenzene	13.989	146	965395	44.964	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.603	75	164754	46.171	ug/l	76
93) 1,2,4-Trichlorobenzene	15.262	180	424451	40.865	ug/l	98
94) Hexachlorobutadiene	15.370	225	251370	44.176	ug/l	98
95) Naphthalene	15.507	128	1144465	37.564	ug/l	100
96) 1,2,3-Trichlorobenzene	15.702	180	424027	41.740	ug/l	98

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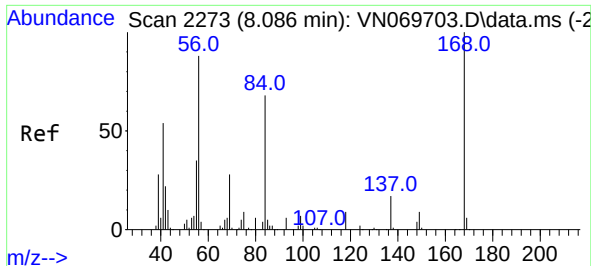
Manual Integrations
APPROVED

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Supervised By :Amit Patel 12/15/2021

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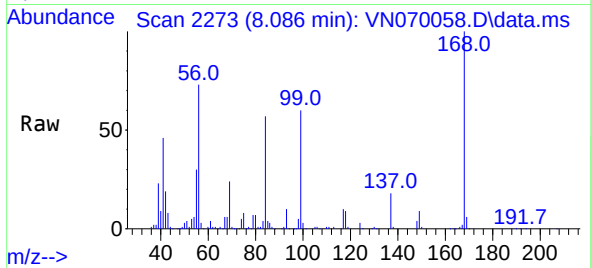
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
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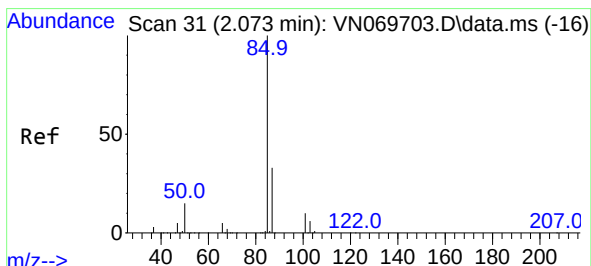
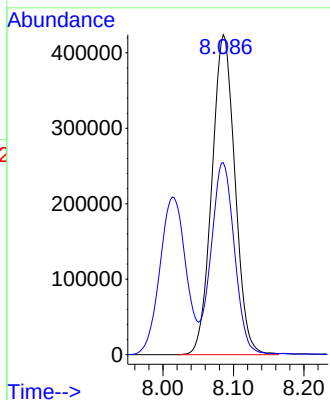
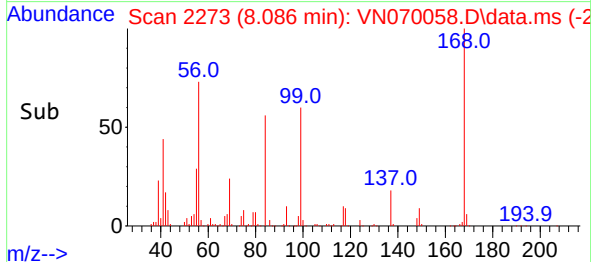
Instrument :
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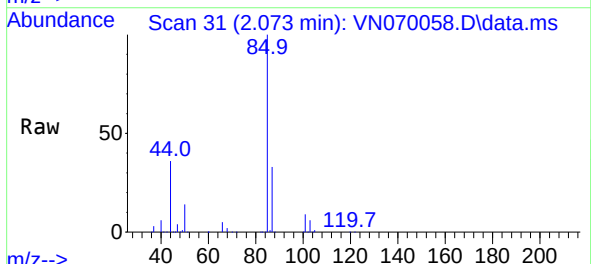
Tgt Ion:168 Resp: 96546
Ion Ratio Lower Upper
168 100
99 59.7 41.3 61.9

Manual Integrations
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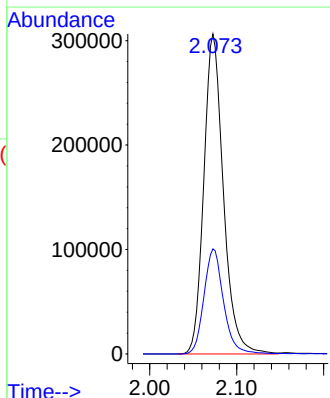
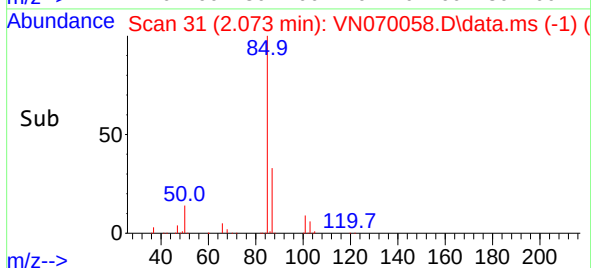
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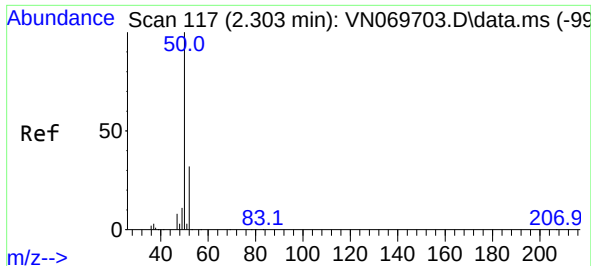


#2
Dichlorodifluoromethane
Concen: 42.622 ug/l
RT: 2.073 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN070058.D
Acq: 14 Dec 2021 3:32



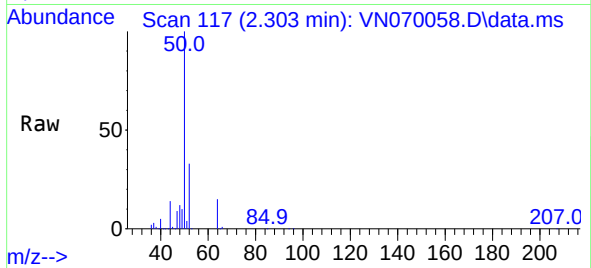
Tgt Ion: 85 Resp: 479950
Ion Ratio Lower Upper
85 100
87 32.9 16.3 48.9





#3
Chloromethane
Concen: 42.773 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN070058.D
Acq: 14 Dec 2021 3:32

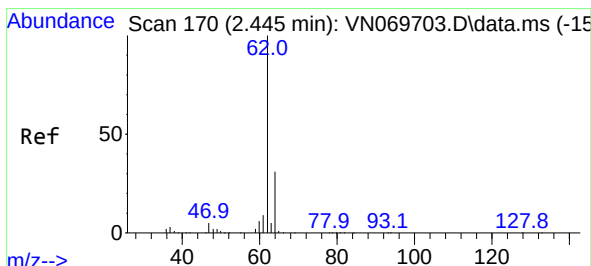
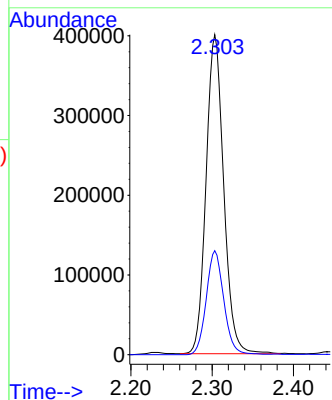
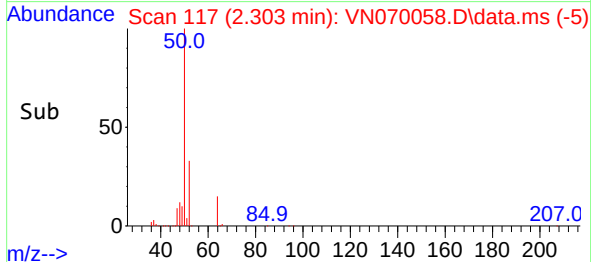
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ClientSampleId :
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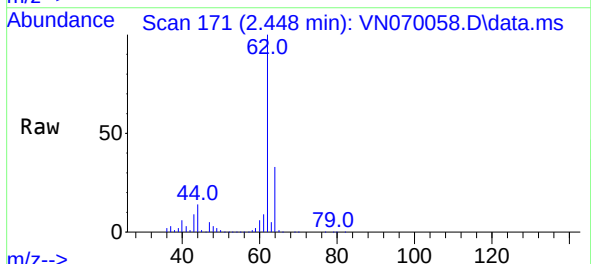
Tgt Ion: 50 Resp: 603420
Ion Ratio Lower Upper
50 100
52 32.6 25.4 38.0

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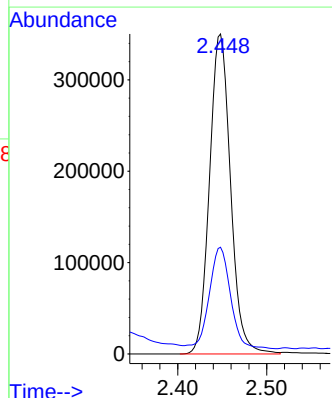
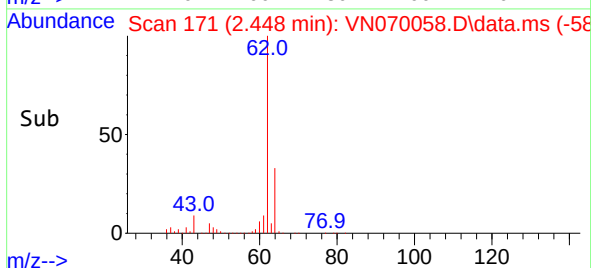
Reviewed By :John Carlone 12/14/2021
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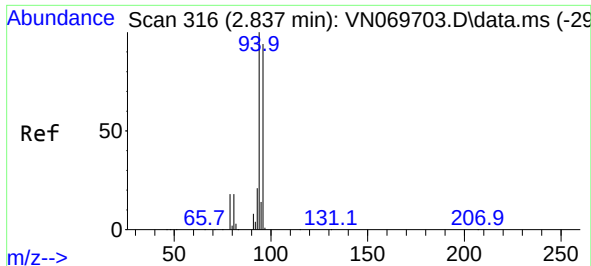


#4
Vinyl Chloride
Concen: 44.343 ug/l
RT: 2.448 min Scan# 171
Delta R.T. 0.003 min
Lab File: VN070058.D
Acq: 14 Dec 2021 3:32



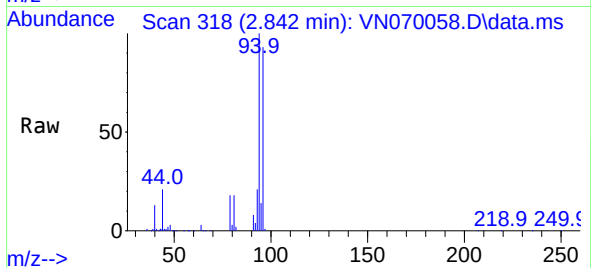
Tgt Ion: 62 Resp: 575207
Ion Ratio Lower Upper
62 100
64 31.6 25.8 38.6





#5
Bromomethane
Concen: 40.513 ug/l
RT: 2.842 min Scan# 316
Delta R.T. 0.005 min
Lab File: VN070058.D
Acq: 14 Dec 2021 3:32

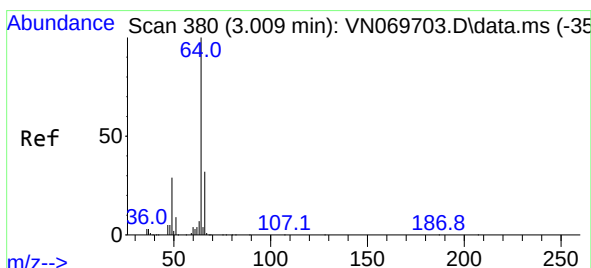
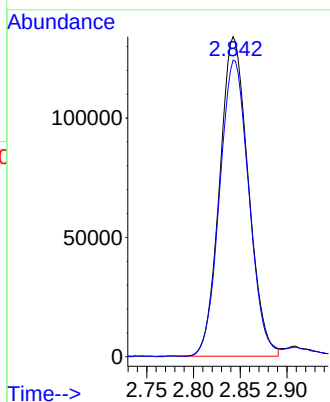
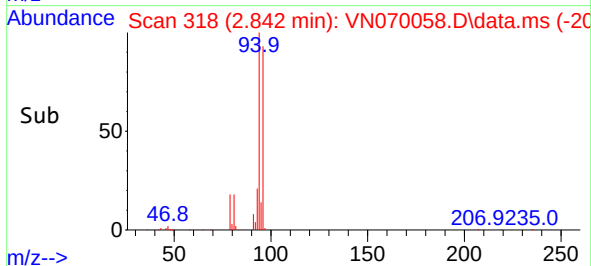
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Tgt Ion: 94 Resp: 28551
Ion Ratio Lower Upper
94 100
96 92.6 73.8 110.8

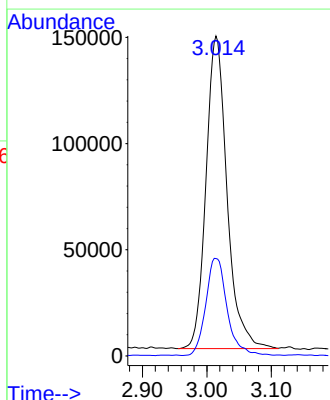
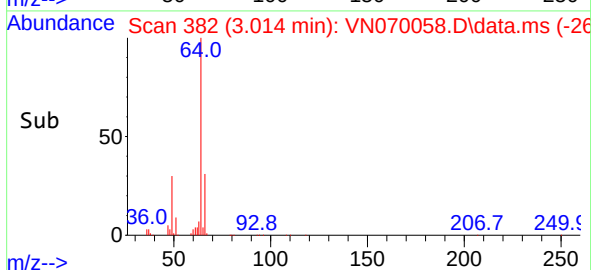
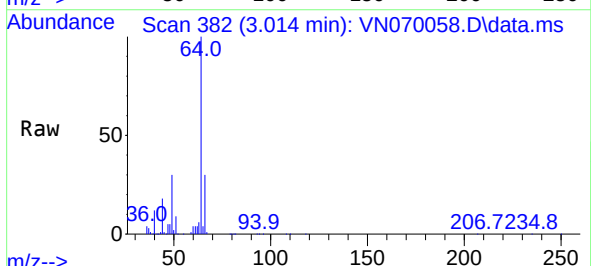
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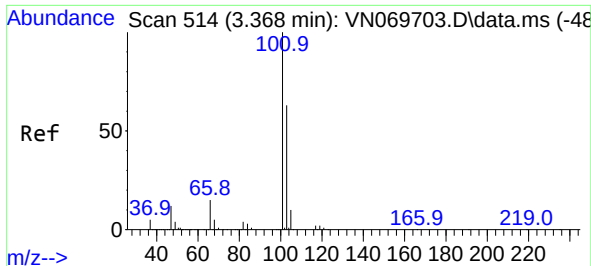
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021



#6
Chloroethane
Concen: 41.993 ug/l
RT: 3.014 min Scan# 382
Delta R.T. 0.005 min
Lab File: VN070058.D
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Tgt Ion: 64 Resp: 333804
Ion Ratio Lower Upper
64 100
66 30.9 26.3 39.5





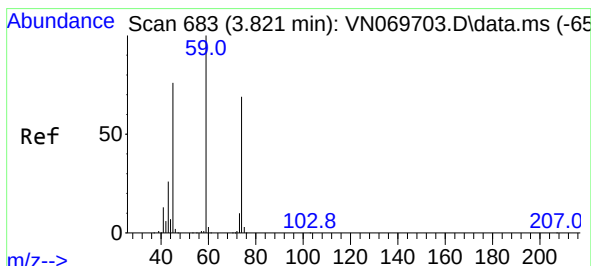
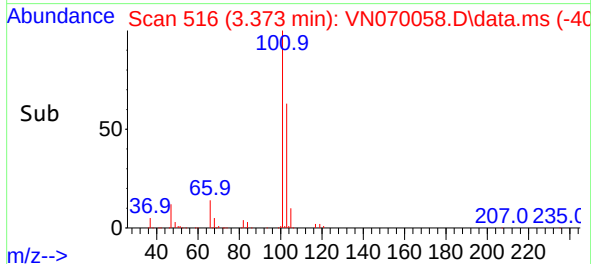
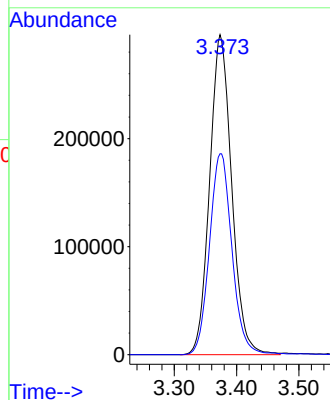
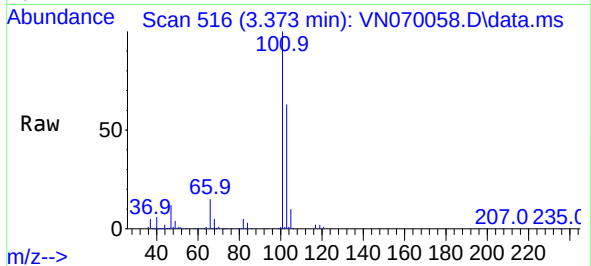
#7
Trichlorofluoromethane
Concen: 42.782 ug/l
RT: 3.373 min Scan# 514
Delta R.T. 0.005 min
Lab File: VN070058.D
Acq: 14 Dec 2021 3:32

Instrument :
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ClientSampleId :
TOLL-MW-07MS

Tgt Ion:101 Resp: 72835
Ion Ratio Lower Upper
101 100
103 62.8 50.1 75.1

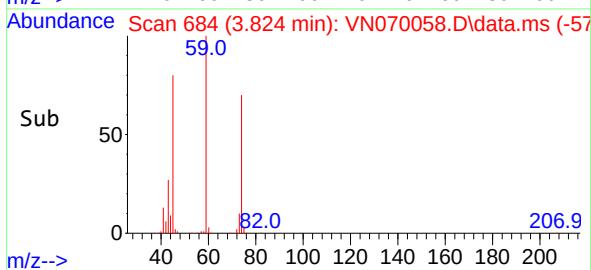
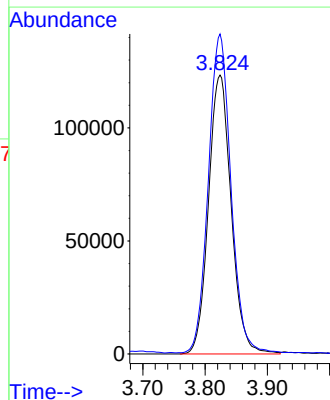
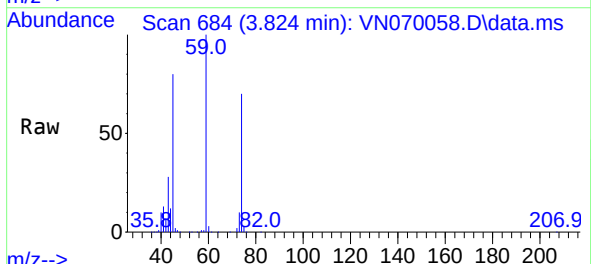
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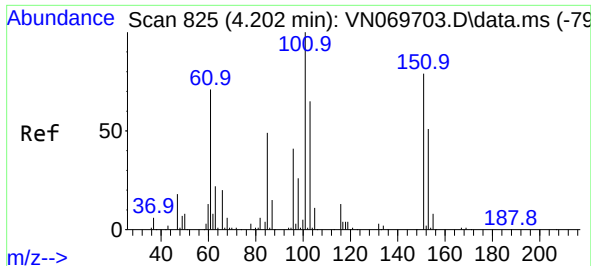
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#8
Diethyl Ether
Concen: 47.614 ug/l
RT: 3.824 min Scan# 684
Delta R.T. 0.003 min
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Tgt Ion: 74 Resp: 312210
Ion Ratio Lower Upper
74 100
45 113.3 47.0 141.2





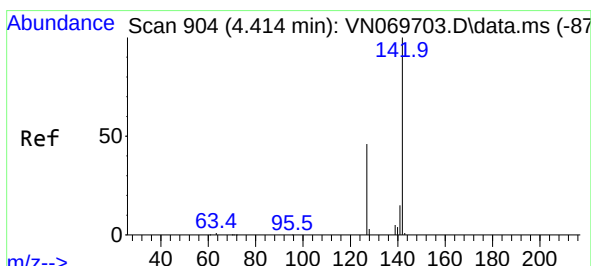
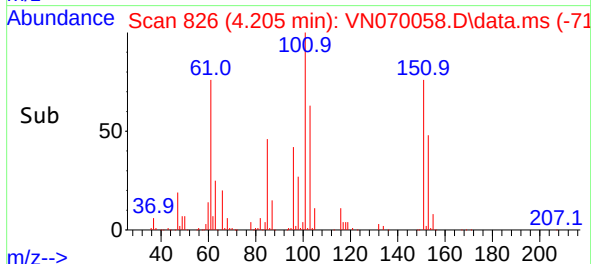
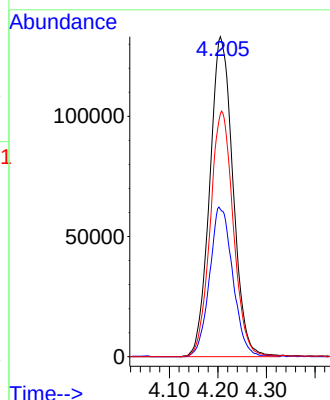
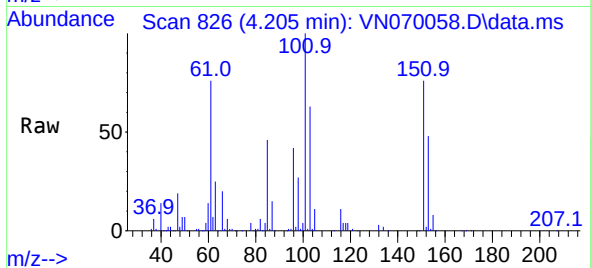
#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.423 ug/l
RT: 4.205 min Scan# 81
Delta R.T. 0.003 min
Lab File: VN070058.D
Acq: 14 Dec 2021 3:32

Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-07MS

Tgt Ion:101 Resp: 44304
Ion Ratio Lower Upper
101 100
85 46.5 37.2 55.8
151 76.2 65.9 98.9

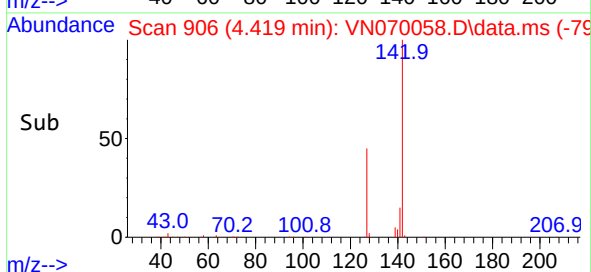
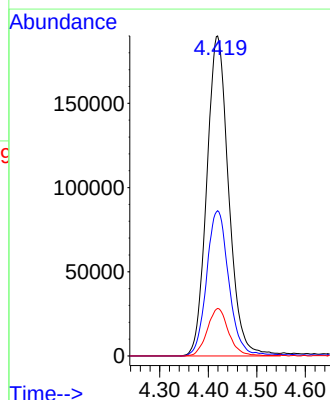
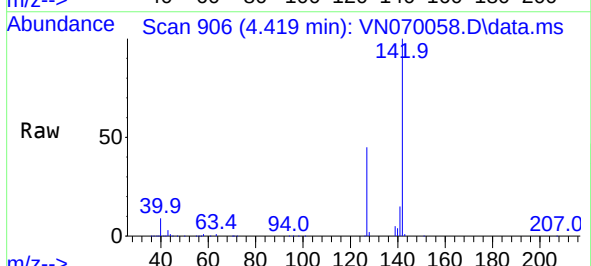
Manual Integrations
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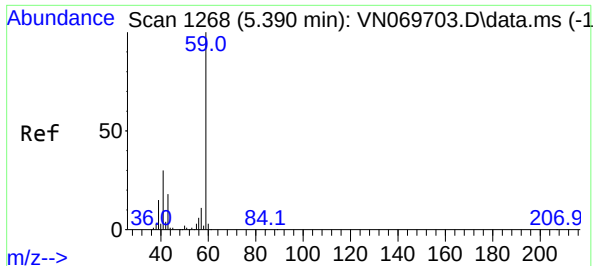
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021



#10
Methyl Iodide
Concen: 45.738 ug/l
RT: 4.419 min Scan# 906
Delta R.T. 0.005 min
Lab File: VN070058.D
Acq: 14 Dec 2021 3:32

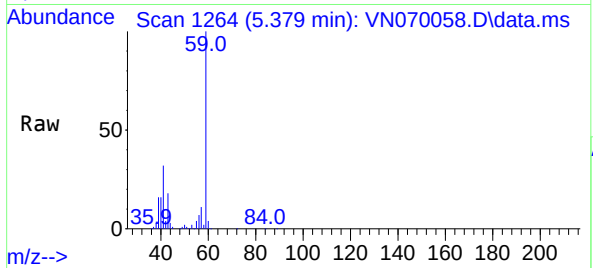
Tgt Ion:142 Resp: 596305
Ion Ratio Lower Upper
142 100
127 45.4 35.4 53.0
141 14.5 11.6 17.4





#11
Tert butyl alcohol
Concen: 169.407 ug/l
RT: 5.379 min Scan# 11
Delta R.T. -0.011 min
Lab File: VN070058.D
Acq: 14 Dec 2021 3:32

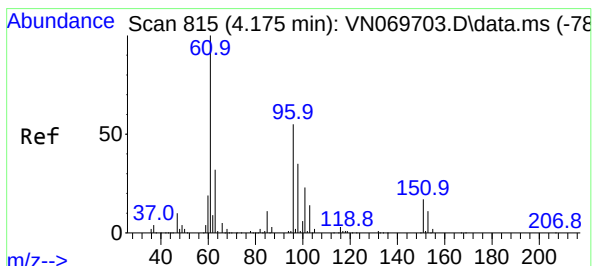
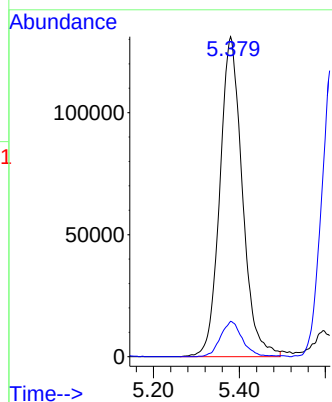
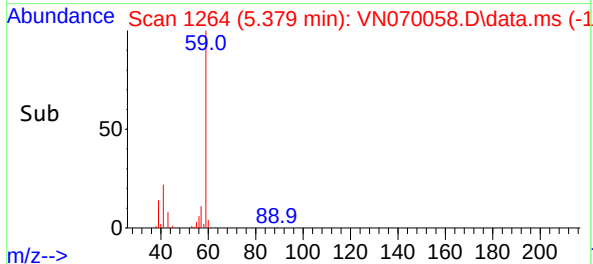
Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-07MS



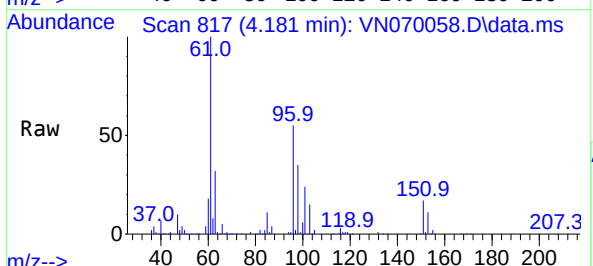
Tgt Ion: 59 Resp: 477344
Ion Ratio Lower Upper
59 100
57 10.7 8.7 13.1

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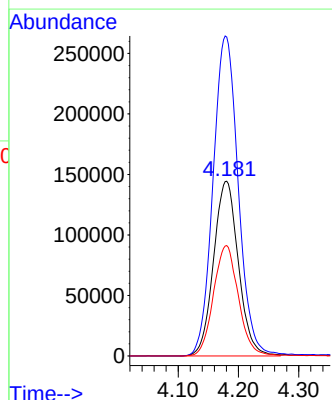
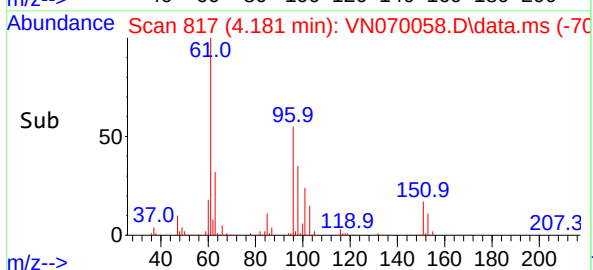
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021

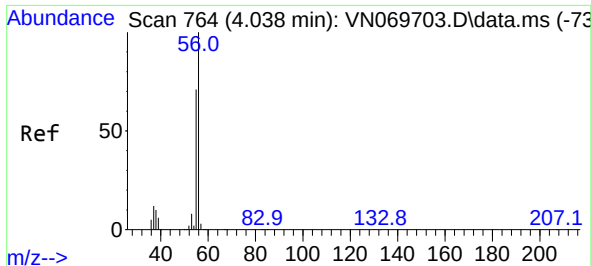


#12
1,1-Dichloroethene
Concen: 45.000 ug/l
RT: 4.181 min Scan# 817
Delta R.T. 0.005 min
Lab File: VN070058.D
Acq: 14 Dec 2021 3:32



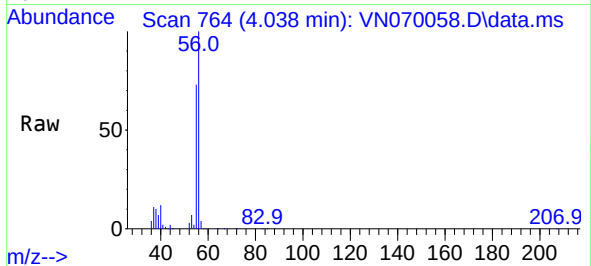
Tgt Ion: 96 Resp: 413836
Ion Ratio Lower Upper
96 100
61 182.5 131.0 196.6
98 63.2 52.4 78.6





#13
Acrolein
Concen: 181.920 ug/l
RT: 4.038 min Scan# 764
Delta R.T. 0.000 min
Lab File: VN070058.D
Acq: 14 Dec 2021 3:32

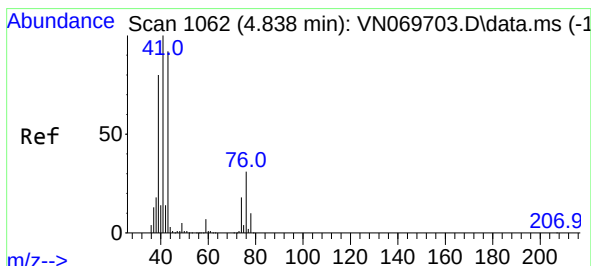
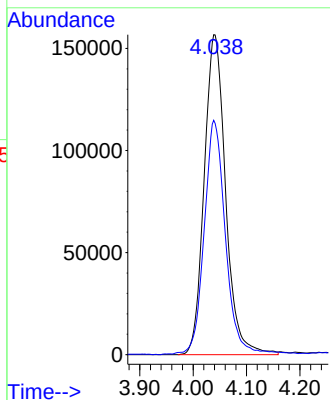
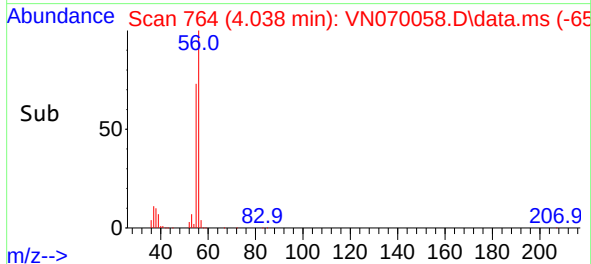
Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-07MS



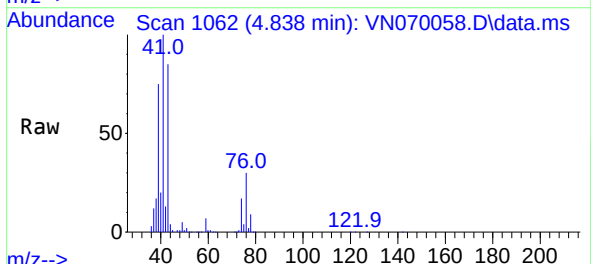
Tgt Ion: 56 Resp: 43652
Ion Ratio Lower Upper
56 100
55 72.0 56.6 85.0

Manual Integrations
APPROVED

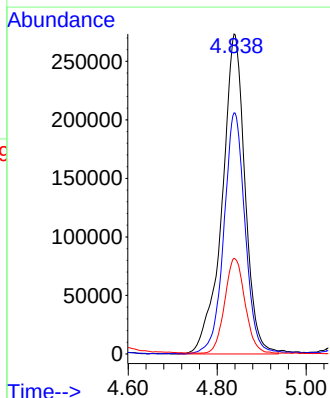
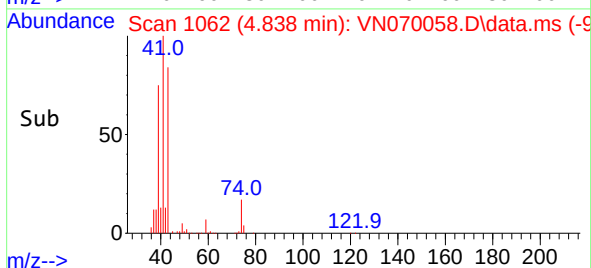
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021

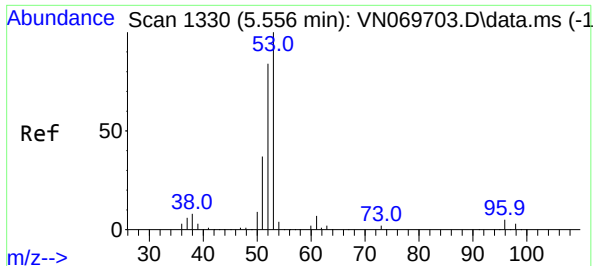


#14
Allyl chloride
Concen: 47.171 ug/l
RT: 4.838 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VN070058.D
Acq: 14 Dec 2021 3:32



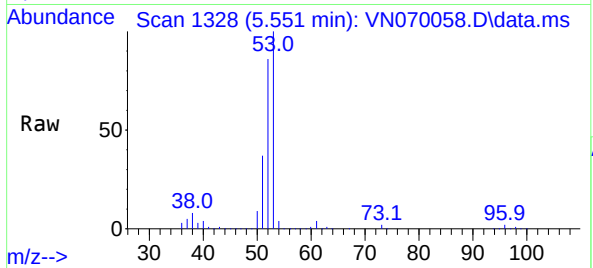
Tgt Ion: 41 Resp: 977512
Ion Ratio Lower Upper
41 100
39 70.0 61.2 91.8
76 26.2 26.0 39.0





#15
Acrylonitrile
Concen: 224.374 ug/l
RT: 5.551 min Scan# 1330
Delta R.T. -0.005 min
Lab File: VN070058.D
Acq: 14 Dec 2021 3:32

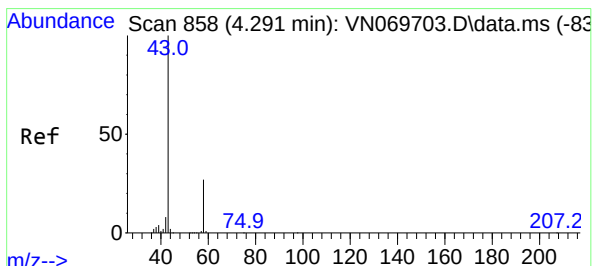
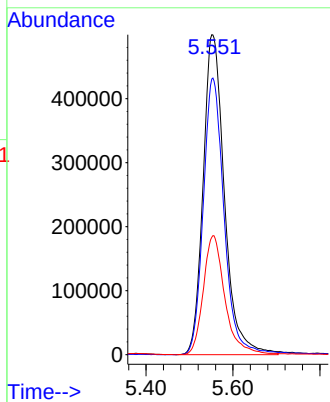
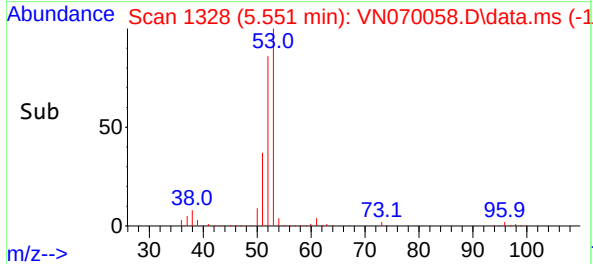
Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-07MS



Tgt Ion: 53 Resp: 1703628
Ion Ratio Lower Upper
53 100
52 84.3 66.2 99.2
51 37.7 29.6 44.4

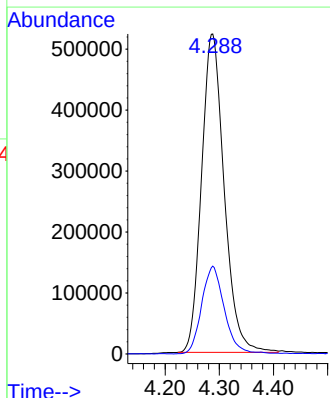
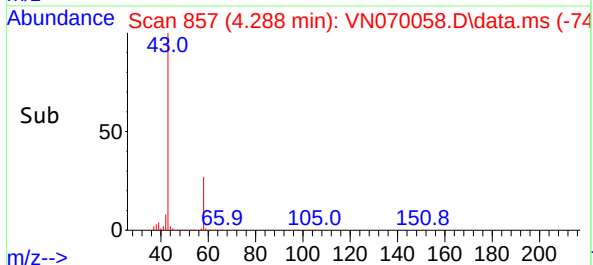
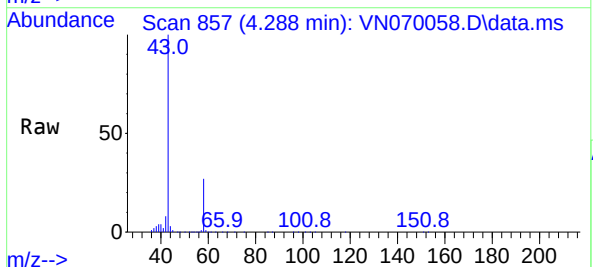
Manual Integrations
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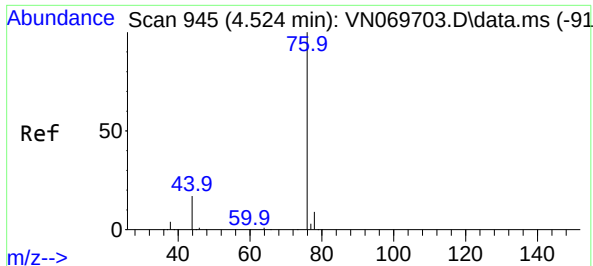
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021



#16
Acetone
Concen: 169.285 ug/l
RT: 4.288 min Scan# 857
Delta R.T. -0.003 min
Lab File: VN070058.D
Acq: 14 Dec 2021 3:32

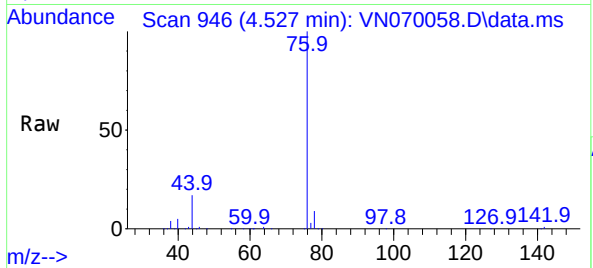
Tgt Ion: 43 Resp: 1517999
Ion Ratio Lower Upper
43 100
58 27.5 23.1 34.7





#17
Carbon Disulfide
Concen: 48.229 ug/l
RT: 4.527 min Scan# 945
Delta R.T. 0.003 min
Lab File: VN070058.D
Acq: 14 Dec 2021 3:32

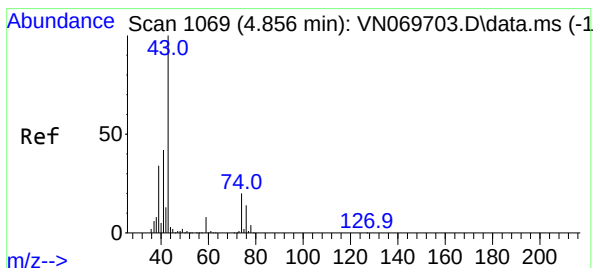
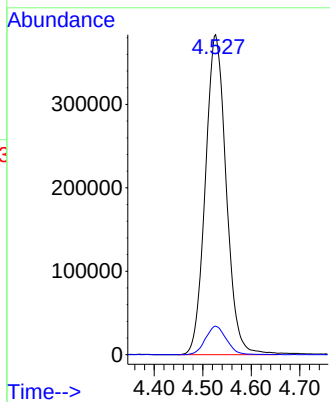
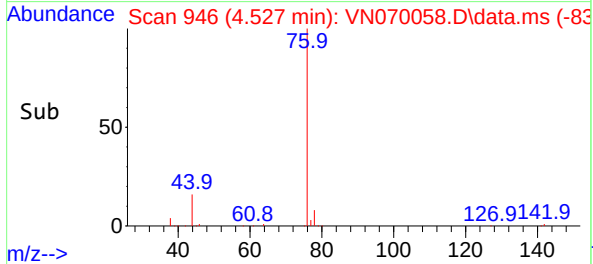
Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-07MS



Tgt Ion: 76 Resp: 114588
Ion Ratio Lower Upper
76 100
78 8.9 7.5 11.3

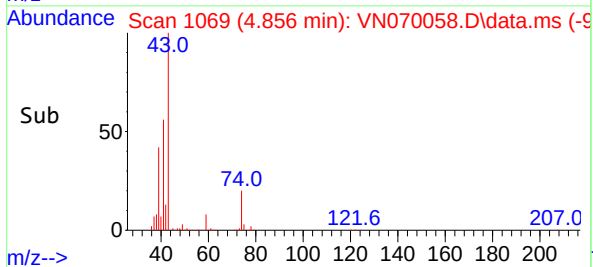
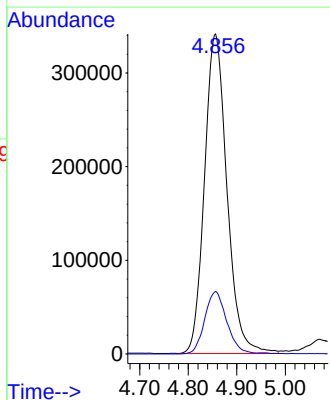
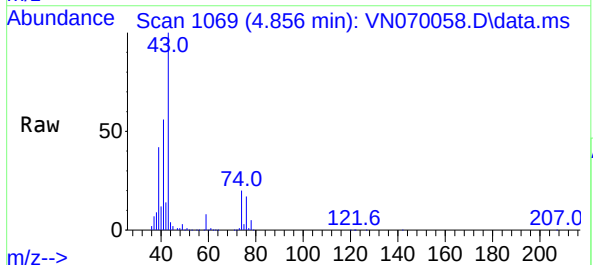
Manual Integrations
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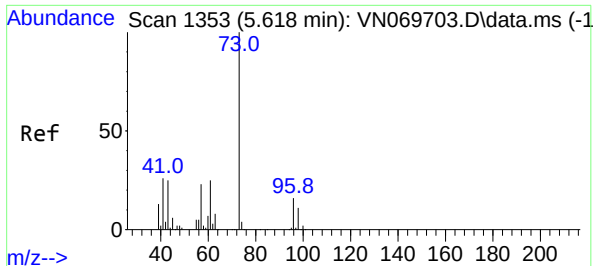
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021



#18
Methyl Acetate
Concen: 40.560 ug/l
RT: 4.856 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VN070058.D
Acq: 14 Dec 2021 3:32

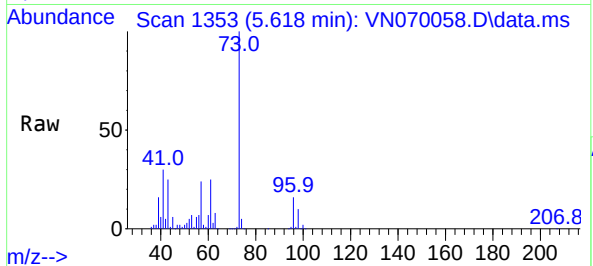
Tgt Ion: 43 Resp: 1097824
Ion Ratio Lower Upper
43 100
74 19.2 19.4 29.2#





#19
Methyl tert-butyl Ether
Concen: 50.608 ug/l
RT: 5.618 min Scan# 1157
Delta R.T. 0.000 min
Lab File: VN070058.D
Acq: 14 Dec 2021 3:32

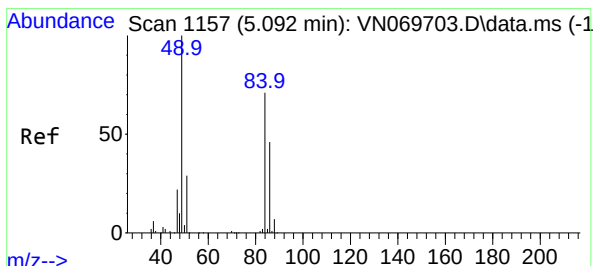
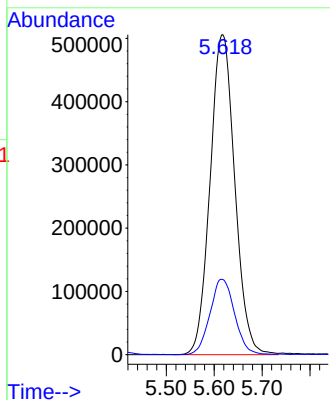
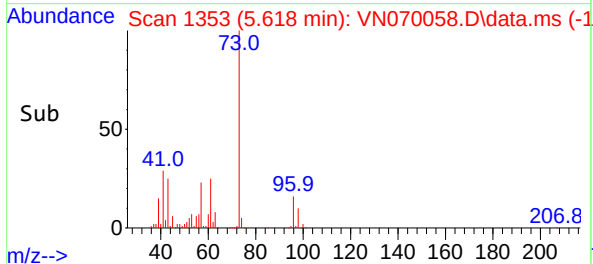
Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-07MS



Tgt Ion: 73 Resp: 180963
Ion Ratio Lower Upper
73 100
57 23.5 16.8 25.2

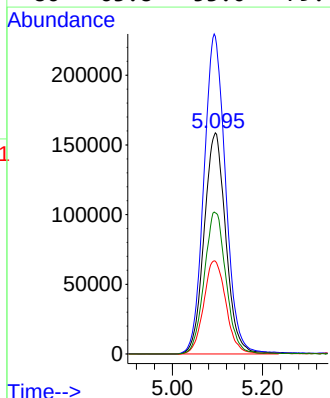
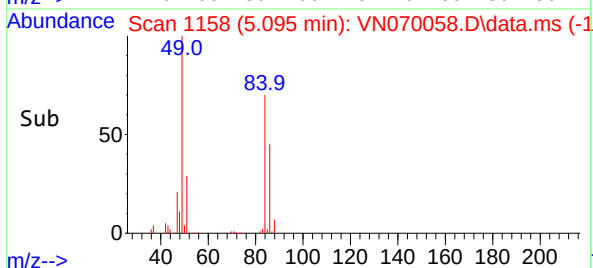
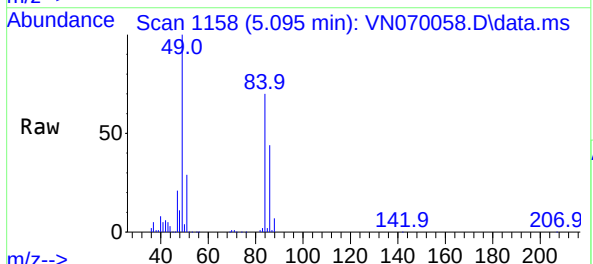
Manual Integrations
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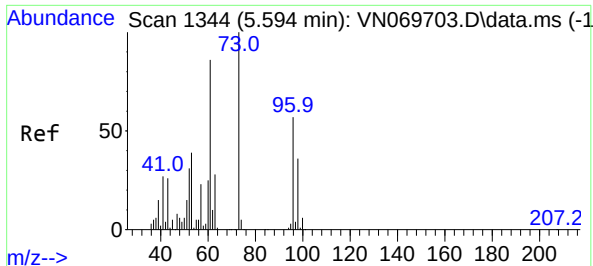
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021



#20
Methylene Chloride
Concen: 44.545 ug/l
RT: 5.095 min Scan# 1158
Delta R.T. 0.003 min
Lab File: VN070058.D
Acq: 14 Dec 2021 3:32

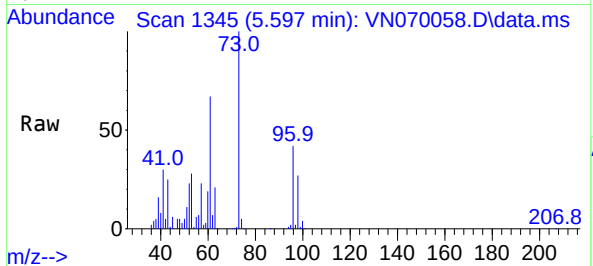
Tgt Ion: 84 Resp: 531008
Ion Ratio Lower Upper
84 100
49 143.5 93.5 140.3#
51 42.0 29.4 44.2
86 63.8 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 45.337 ug/l
RT: 5.597 min Scan# 11
Delta R.T. 0.003 min
Lab File: VN070058.D
Acq: 14 Dec 2021 3:32

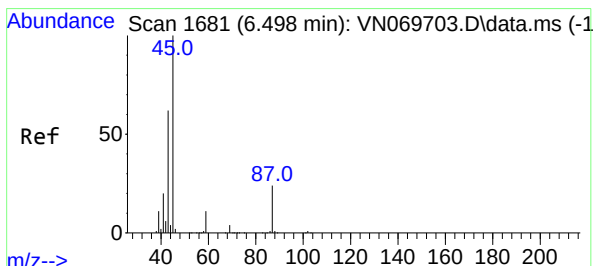
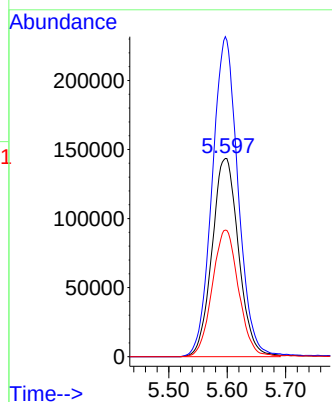
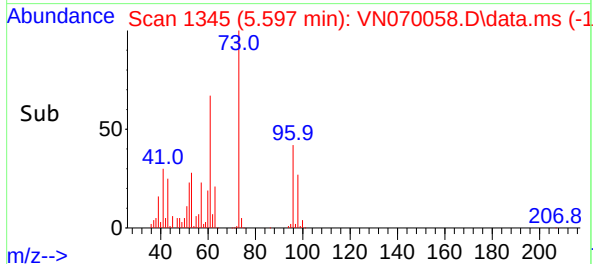
Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-07MS



Tgt Ion: 96 Resp: 452859
Ion Ratio Lower Upper
96 100
61 161.4 105.8 158.6
98 63.9 52.0 78.0

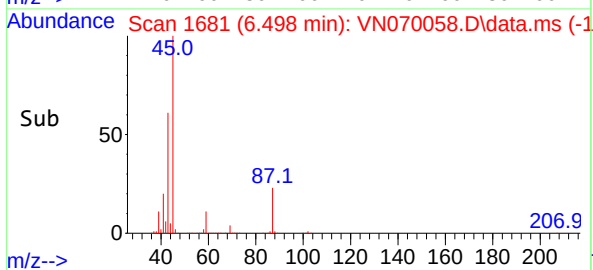
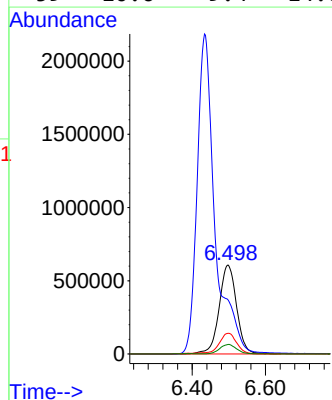
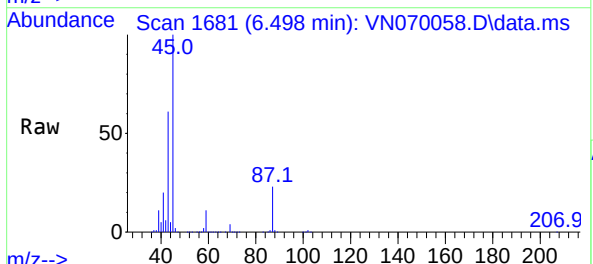
Manual Integrations
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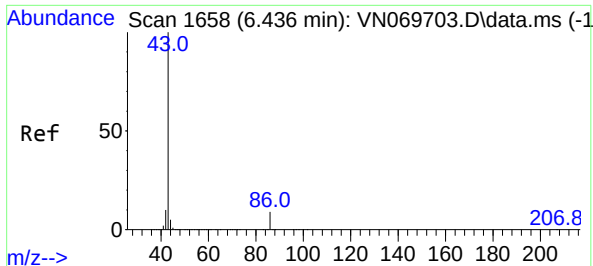
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021



#22
Diisopropyl ether
Concen: 49.820 ug/l
RT: 6.498 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VN070058.D
Acq: 14 Dec 2021 3:32

Tgt Ion: 45 Resp: 2017904
Ion Ratio Lower Upper
45 100
43 60.4 51.7 77.5
87 23.1 23.2 34.8#
59 10.6 9.4 14.0





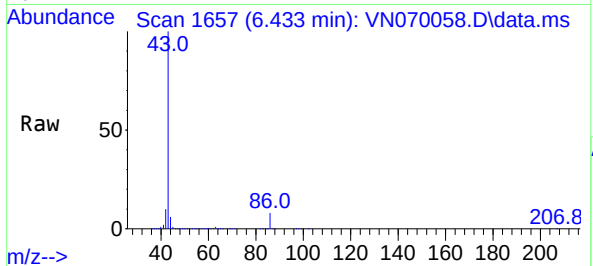
#23
 Vinyl Acetate
 Concen: 224.148 ug/l
 RT: 6.433 min Scan# 1657
 Delta R.T. -0.003 min
 Lab File: VN070058.D
 Acq: 14 Dec 2021 3:32

Instrument :

MSVOA_N

ClientSampleId :

TOLL-MW-07MS

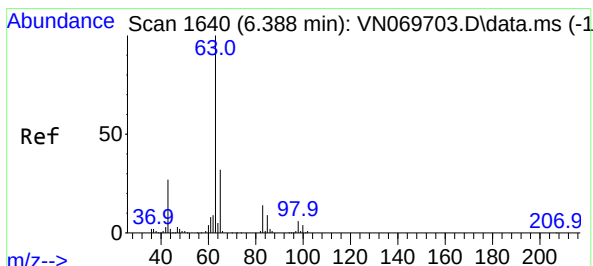
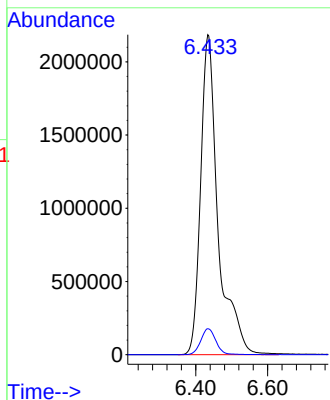
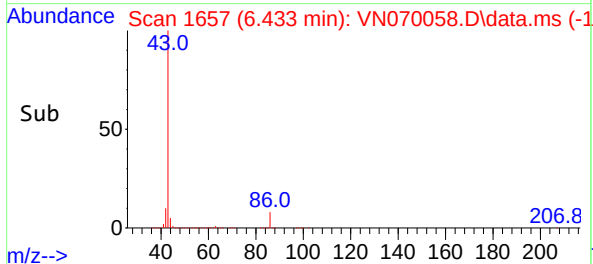


Tgt Ion: 43 Resp: 738624
 Ion Ratio Lower Upper
 43 100
 86 8.1 8.5 12.7

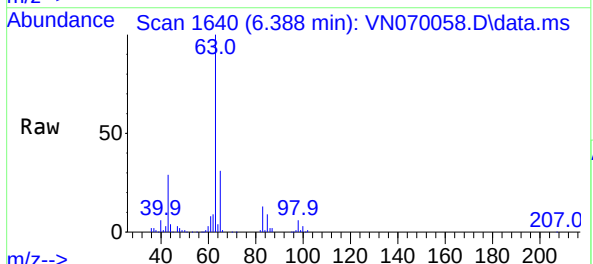
Manual Integrations

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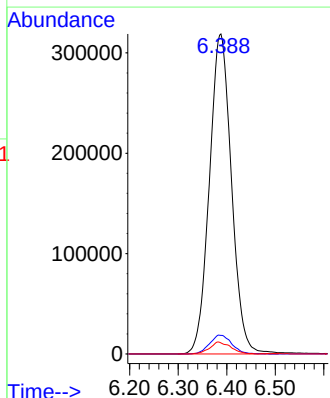
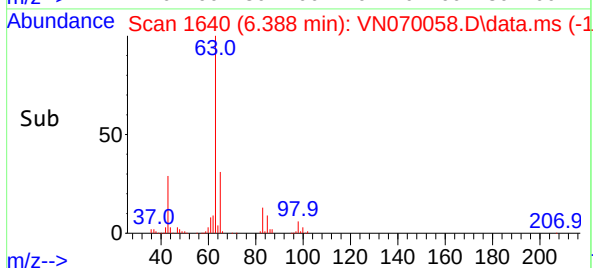
Reviewed By :John Carlone 12/14/2021
 Supervised By :Amit Patel 12/15/2021

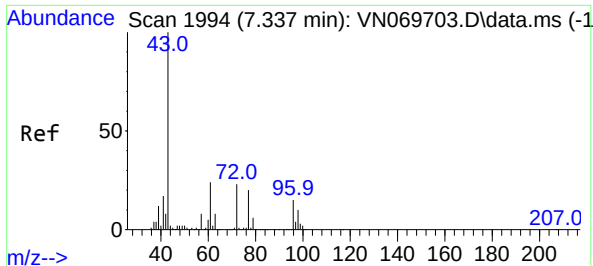


#24
 1,1-Dichloroethane
 Concen: 48.052 ug/l
 RT: 6.388 min Scan# 1640
 Delta R.T. 0.000 min
 Lab File: VN070058.D
 Acq: 14 Dec 2021 3:32



Tgt Ion: 63 Resp: 1008215
 Ion Ratio Lower Upper
 63 100
 98 5.8 3.3 9.9
 100 3.5 2.1 6.5





#25

2-Butanone

Concen: 200.365 ug/l

RT: 7.335 min Scan# 19

Delta R.T. -0.003 min

Lab File: VN070058.D

Acq: 14 Dec 2021 3:32

Instrument :

MSVOA_N

ClientSampleId :

TOLL-MW-07MS

Tgt Ion: 43 Resp: 244118

Ion Ratio Lower Upper

43 100

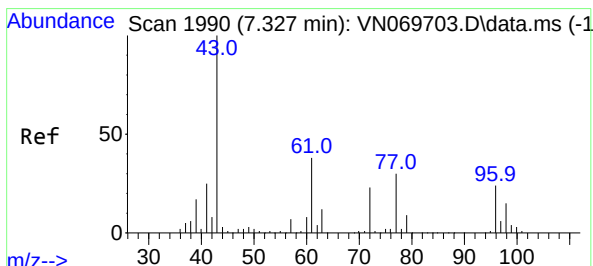
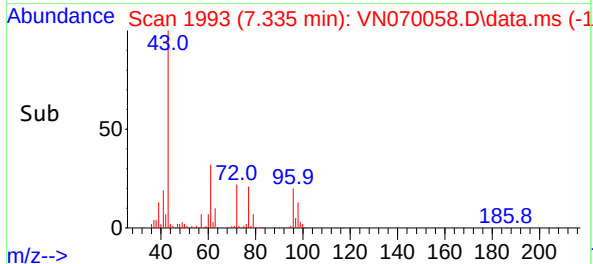
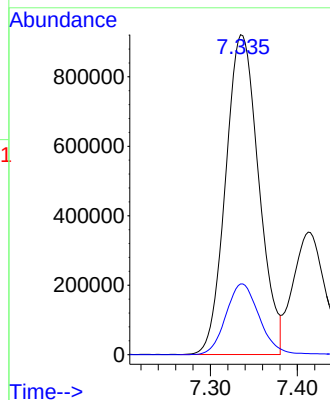
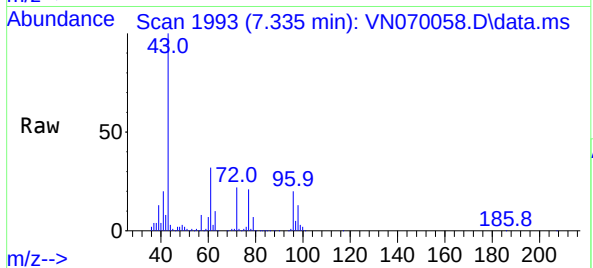
72 22.1 21.7 32.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2021

Supervised By :Amit Patel 12/15/2021



#26

2,2-Dichloropropane

Concen: 39.150 ug/l

RT: 7.324 min Scan# 1989

Delta R.T. -0.003 min

Lab File: VN070058.D

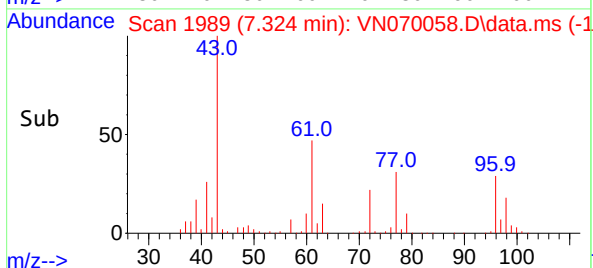
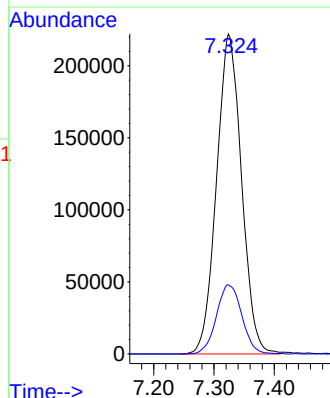
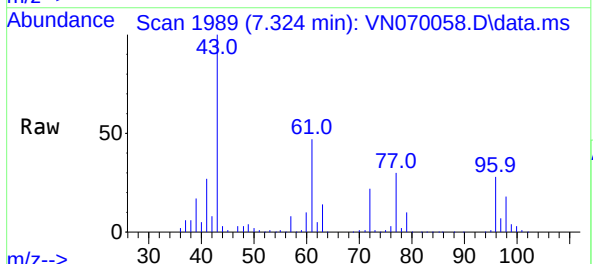
Acq: 14 Dec 2021 3:32

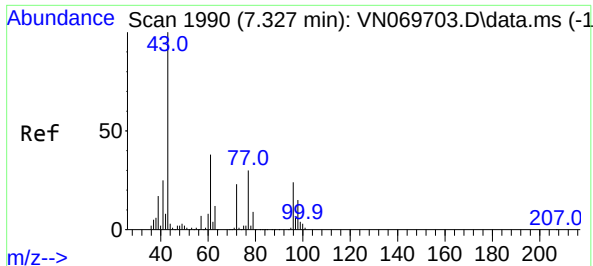
Tgt Ion: 77 Resp: 638679

Ion Ratio Lower Upper

77 100

97 22.1 11.6 34.8





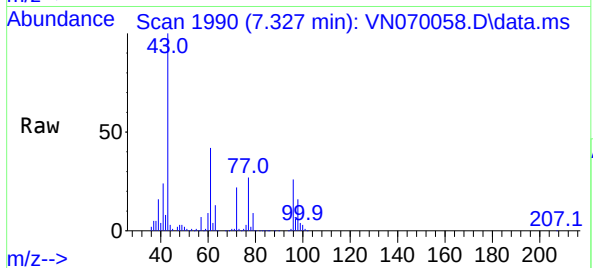
#27
 cis-1,2-Dichloroethene
 Concen: 47.016 ug/l
 RT: 7.327 min Scan# 1990
 Delta R.T. 0.000 min
 Lab File: VN070058.D
 Acq: 14 Dec 2021 3:32

Instrument :

MSVOA_N

ClientSampleId :

TOLL-MW-07MS

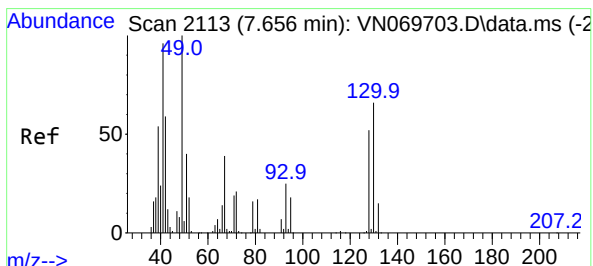
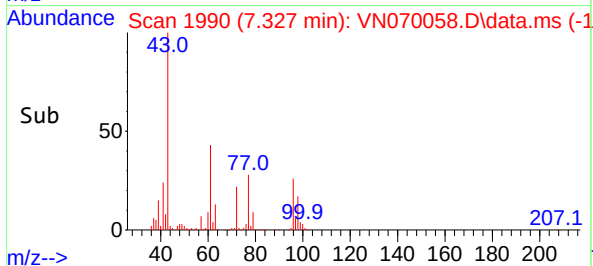
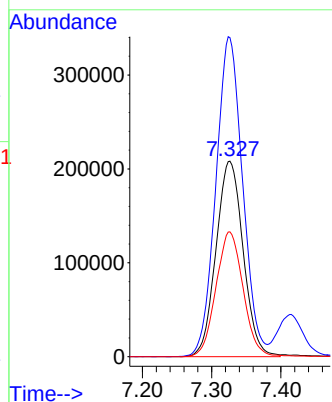


Tgt Ion: 96 Resp: 567400
 Ion Ratio Lower Upper
 96 100
 61 161.4 0.0 275.0
 98 64.1 0.0 129.6

Manual Integrations

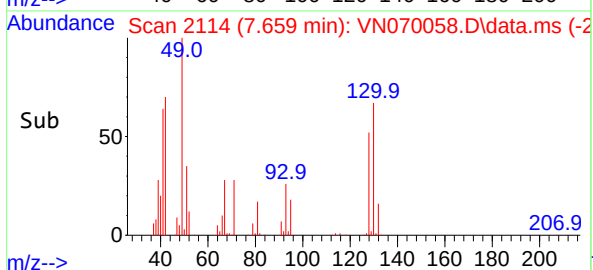
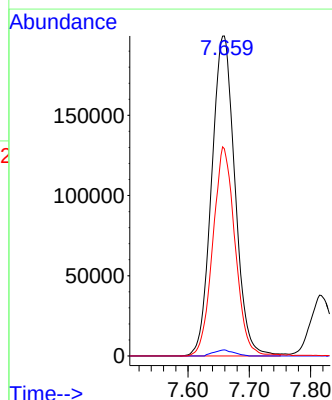
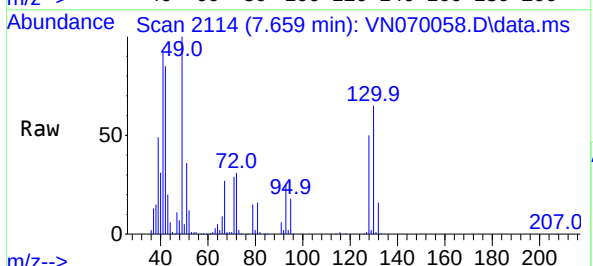
APPROVED

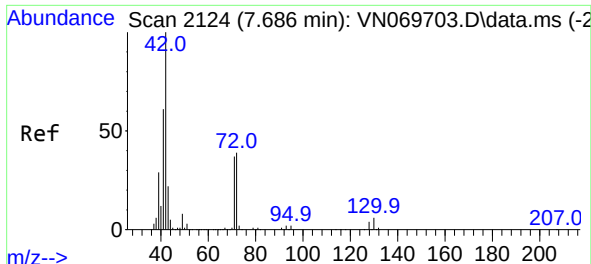
Reviewed By :John Carlone 12/14/2021
 Supervised By :Amit Patel 12/15/2021



#28
 Bromochloromethane
 Concen: 48.279 ug/l
 RT: 7.659 min Scan# 2114
 Delta R.T. 0.003 min
 Lab File: VN070058.D
 Acq: 14 Dec 2021 3:32

Tgt Ion: 49 Resp: 526761
 Ion Ratio Lower Upper
 49 100
 129 1.6 0.0 4.0
 130 62.1 67.8 101.8#





#29

Tetrahydrofuran

Concen: 216.964 ug/l

RT: 7.686 min Scan# 2124

Delta R.T. 0.000 min

Lab File: VN070058.D

Acq: 14 Dec 2021 3:32

Instrument :

MSVOA_N

ClientSampleId :

TOLL-MW-07MS

Tgt Ion: 42 Resp: 160514

Ion Ratio Lower Upper

42 100

72 36.8 36.3 54.5

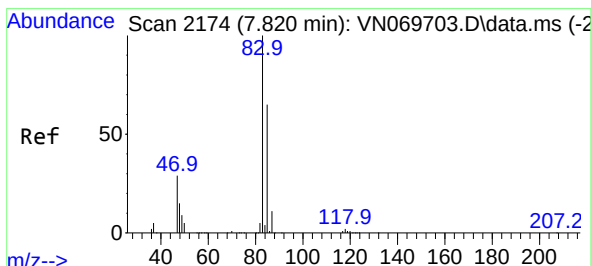
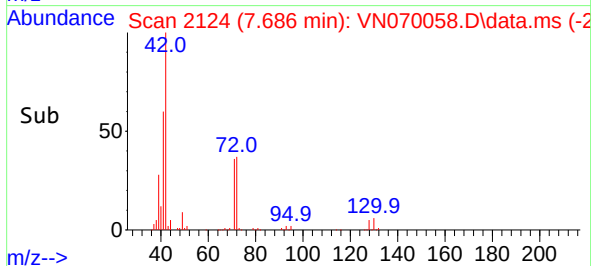
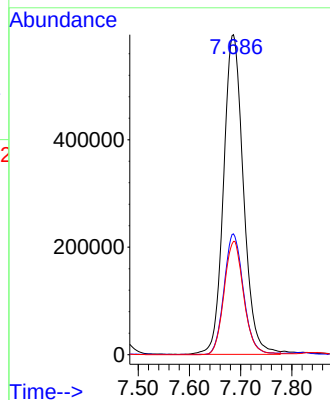
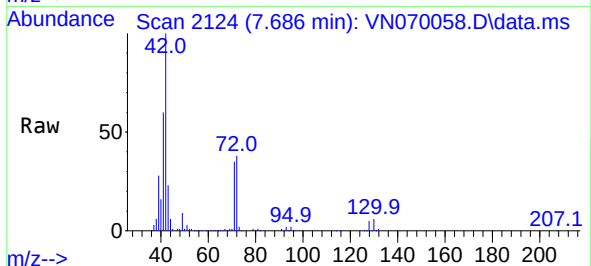
71 35.1 34.7 52.1

Manual Integrations

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Reviewed By :John Carlone 12/14/2021

Supervised By :Amit Patel 12/15/2021



#30

Chloroform

Concen: 47.831 ug/l

RT: 7.817 min Scan# 2173

Delta R.T. -0.003 min

Lab File: VN070058.D

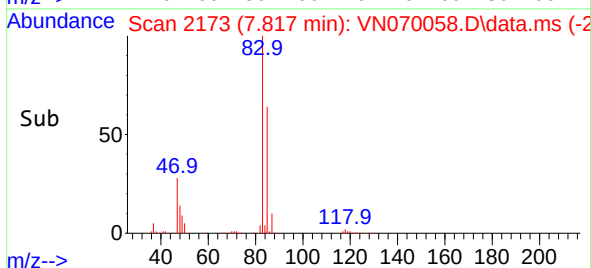
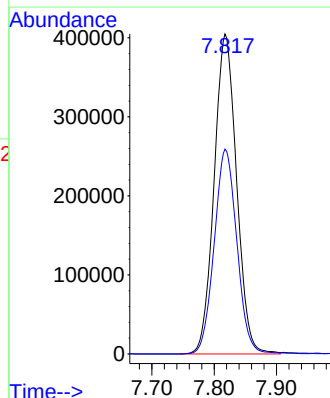
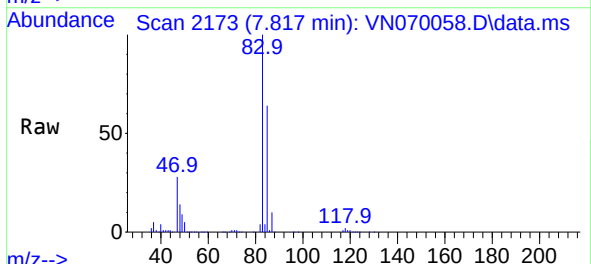
Acq: 14 Dec 2021 3:32

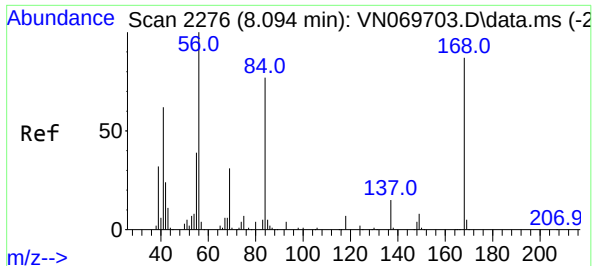
Tgt Ion: 83 Resp: 1013534

Ion Ratio Lower Upper

83 100

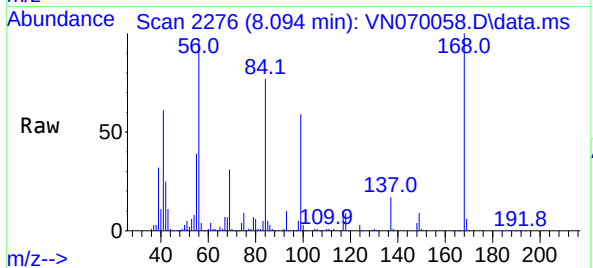
85 64.0 51.9 77.9





#31
Cyclohexane
Concen: 43.556 ug/l
RT: 8.094 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN070058.D
Acq: 14 Dec 2021 3:32

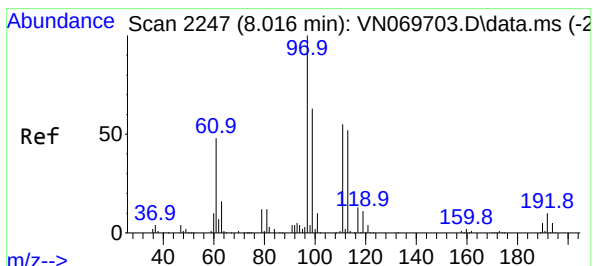
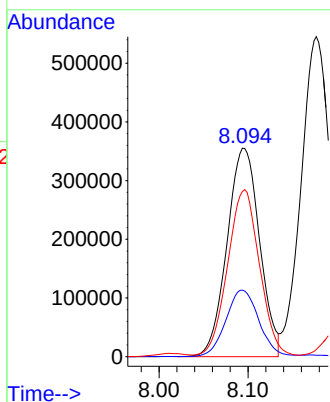
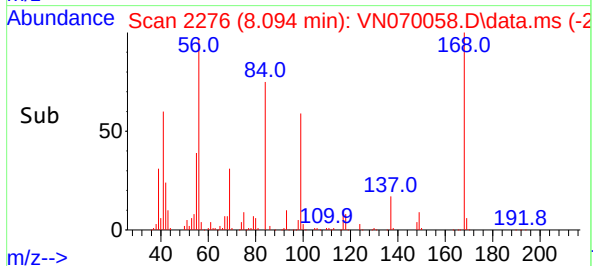
Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-07MS



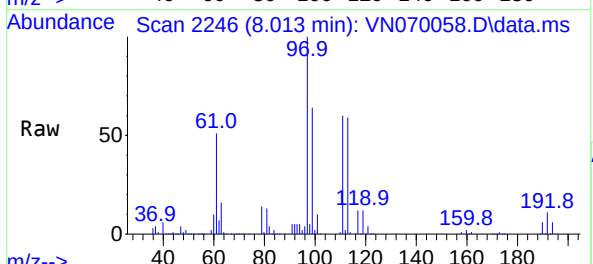
Tgt Ion: 56 Resp: 90357
Ion Ratio Lower Upper
56 100
69 31.8 27.1 40.7
84 77.8 73.4 110.0

Manual Integrations
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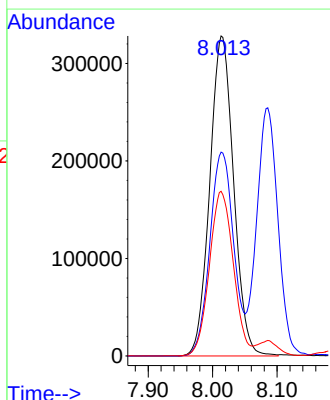
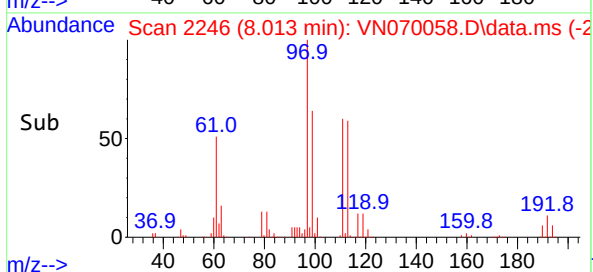
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021

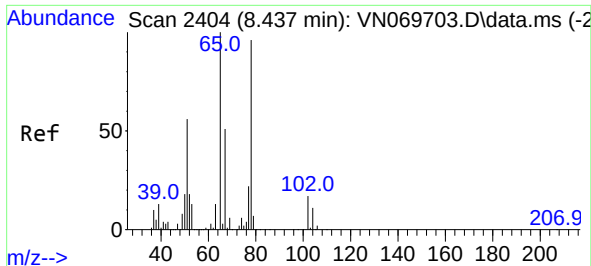


#32
1,1,1-Trichloroethane
Concen: 46.746 ug/l
RT: 8.013 min Scan# 2246
Delta R.T. -0.003 min
Lab File: VN070058.D
Acq: 14 Dec 2021 3:32



Tgt Ion: 97 Resp: 843751
Ion Ratio Lower Upper
97 100
99 63.9 50.1 75.1
61 51.7 35.2 52.8





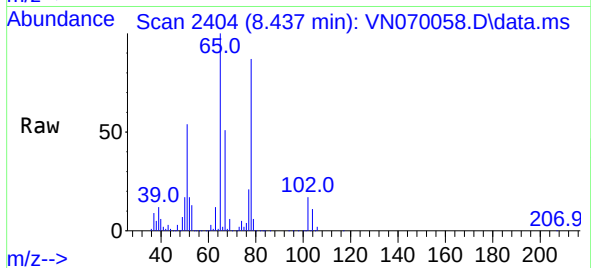
#33
 1,2-Dichloroethane-d4
 Concen: 52.613 ug/l
 RT: 8.437 min Scan# 2404
 Delta R.T. 0.000 min
 Lab File: VN070058.D
 Acq: 14 Dec 2021 3:32

Instrument :

MSVOA_N

ClientSampleId :

TOLL-MW-07MS

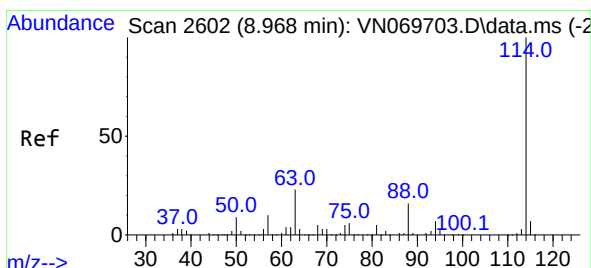
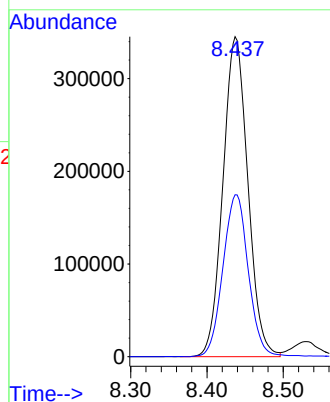
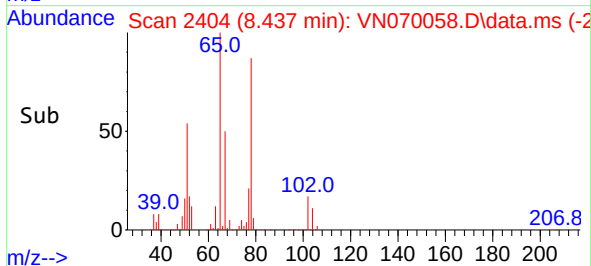


Tgt Ion: 65 Resp: 784292
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 103.0

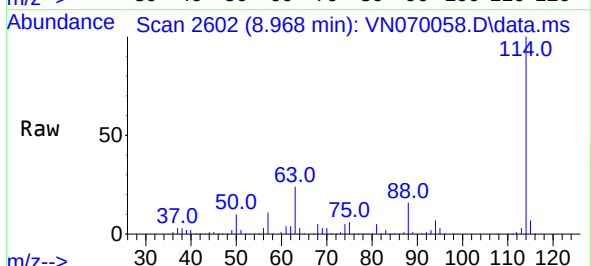
Manual Integrations

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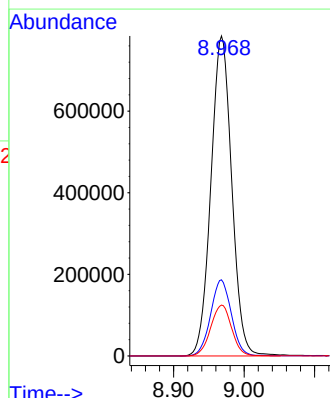
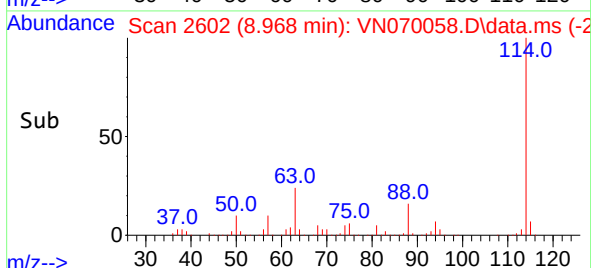
Reviewed By :John Carlone 12/14/2021
 Supervised By :Amit Patel 12/15/2021

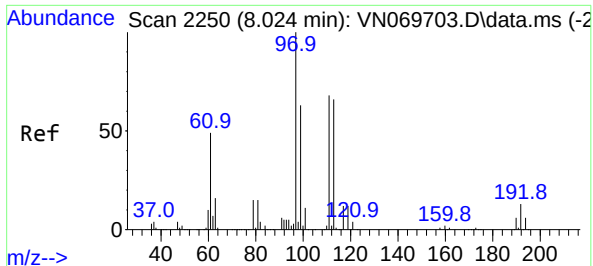


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.968 min Scan# 2602
 Delta R.T. -0.000 min
 Lab File: VN070058.D
 Acq: 14 Dec 2021 3:32



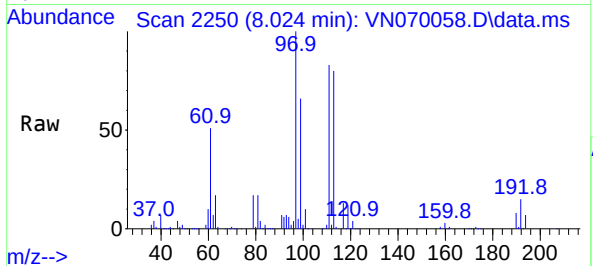
Tgt Ion:114 Resp: 1608038
 Ion Ratio Lower Upper
 114 100
 63 23.8 0.0 37.8
 88 15.9 0.0 27.4





#35
Dibromofluoromethane
Concen: 54.347 ug/l
RT: 8.024 min Scan# 2113
Delta R.T. 0.000 min
Lab File: VN070058.D
Acq: 14 Dec 2021 3:32

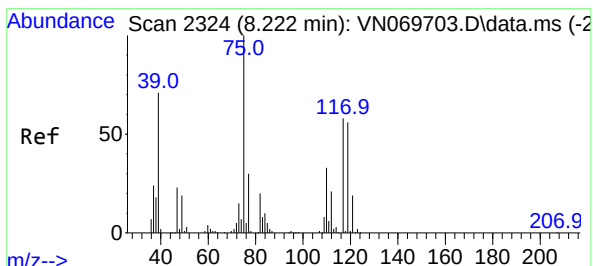
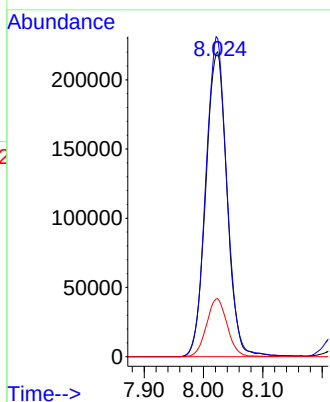
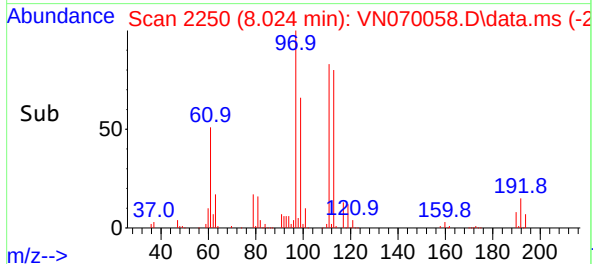
Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-07MS



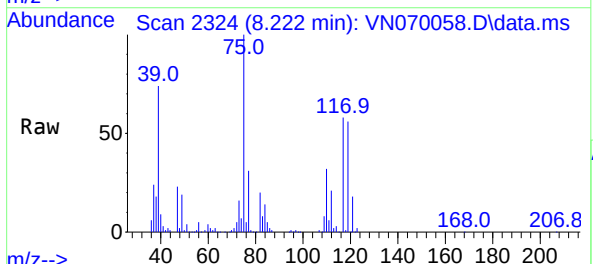
Tgt Ion:113 Resp: 547410
Ion Ratio Lower Upper
113 100
111 103.3 82.2 123.2
192 18.6 16.9 25.3

Manual Integrations
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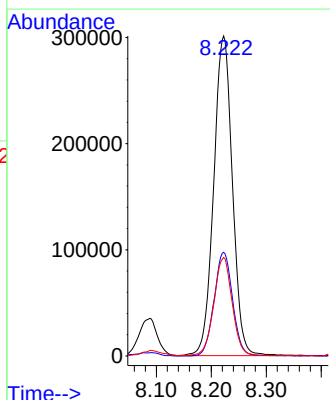
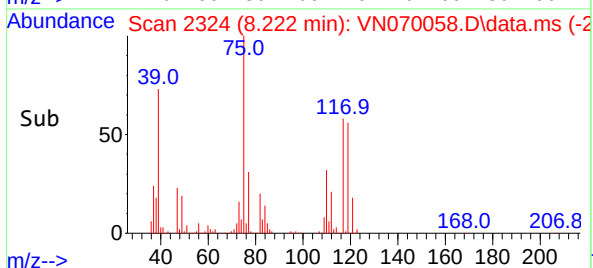
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021

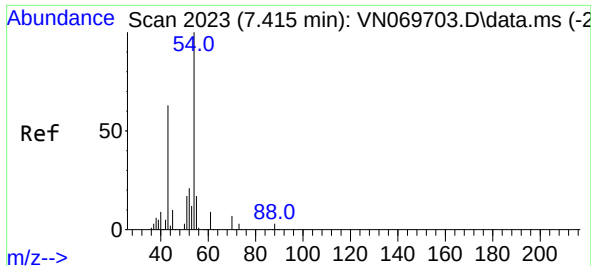


#36
1,1-Dichloropropene
Concen: 46.500 ug/l
RT: 8.222 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VN070058.D
Acq: 14 Dec 2021 3:32



Tgt Ion: 75 Resp: 711826
Ion Ratio Lower Upper
75 100
110 32.1 18.4 55.2
77 30.1 24.4 36.6





#37

Ethyl Acetate

Concen: 40.174 ug/l

RT: 7.412 min Scan# 20

Delta R.T. -0.003 min

Lab File: VN070058.D

Acq: 14 Dec 2021 3:32

Instrument :

MSVOA_N

ClientSampleId :

TOLL-MW-07MS

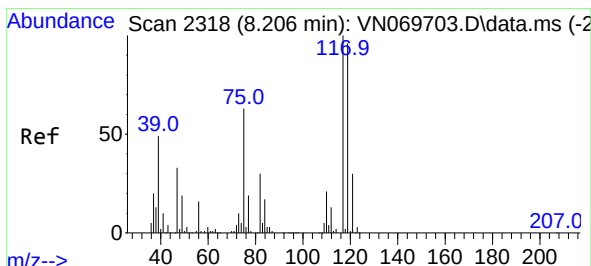
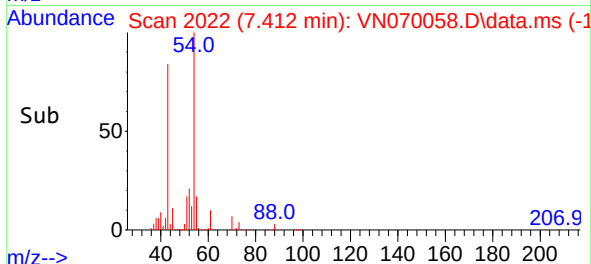
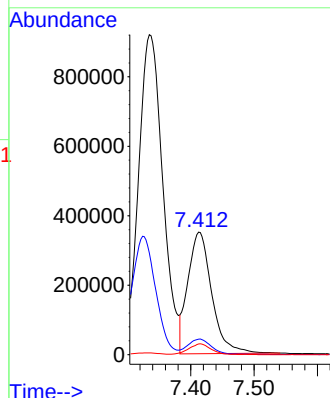
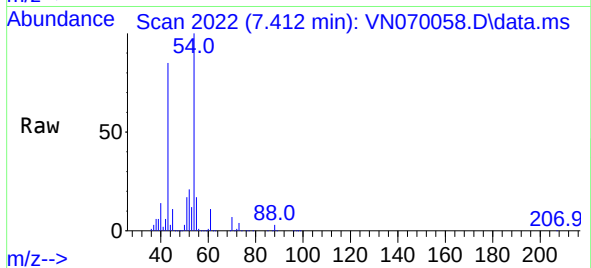
Tgt Ion: 43 Resp: 915320

Ion	Ratio	Lower	Upper
43	100		
61	12.4	11.5	17.3
70	8.1	7.9	11.9

Manual Integrations

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Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021



#38

Carbon Tetrachloride

Concen: 48.384 ug/l

RT: 8.204 min Scan# 2317

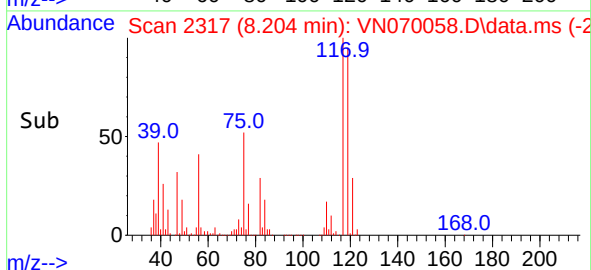
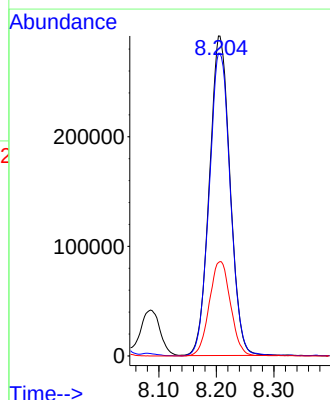
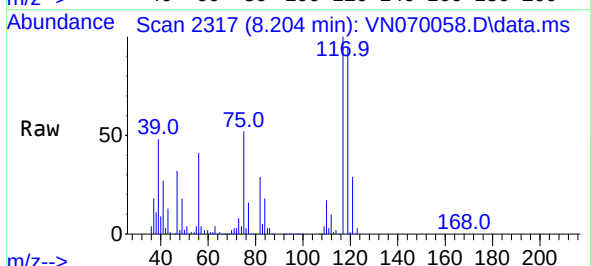
Delta R.T. -0.003 min

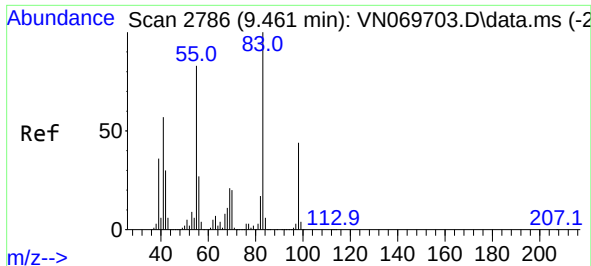
Lab File: VN070058.D

Acq: 14 Dec 2021 3:32

Tgt Ion:117 Resp: 726310

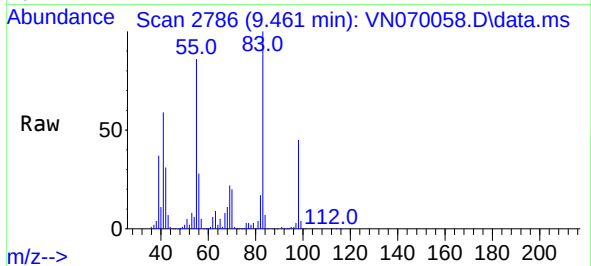
Ion	Ratio	Lower	Upper
117	100		
119	94.7	76.1	114.1
121	29.3	24.2	36.2





#39
Methylcyclohexane
Concen: 44.927 ug/l
RT: 9.461 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN070058.D
Acq: 14 Dec 2021 3:32

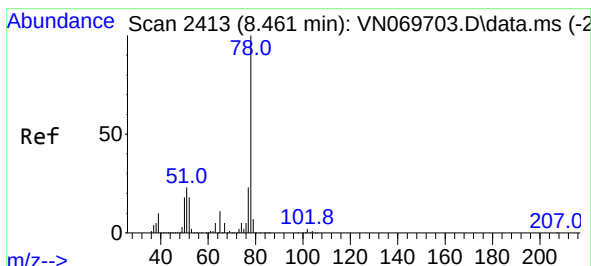
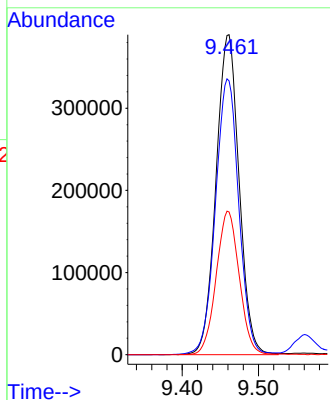
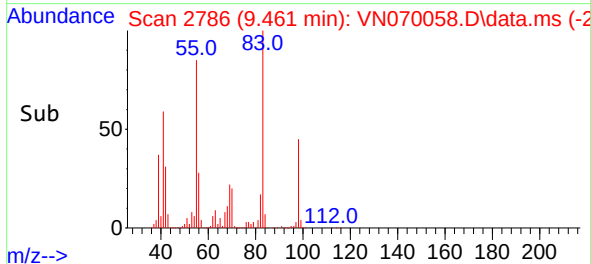
Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-07MS



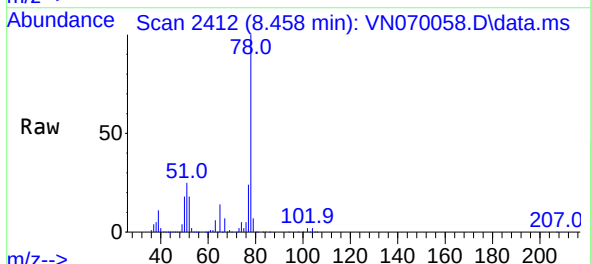
Tgt Ion: 83 Resp: 818050
Ion Ratio Lower Upper
83 100
55 85.4 58.1 87.1
98 44.6 38.4 57.6

Manual Integrations
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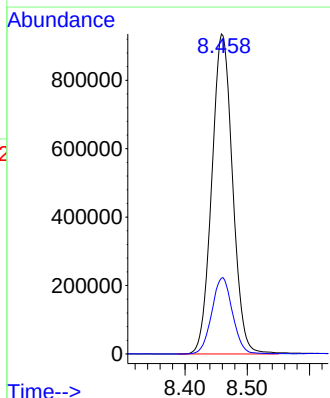
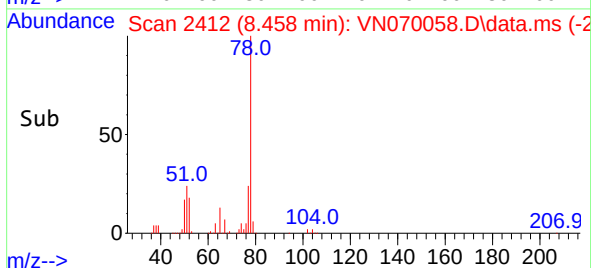
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021

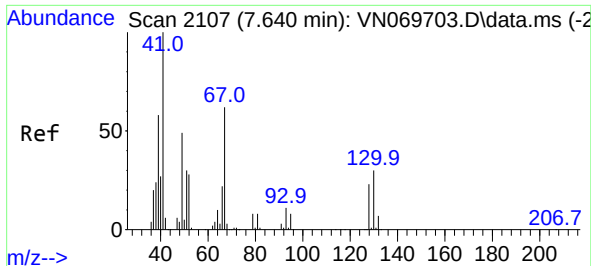


#40
Benzene
Concen: 46.324 ug/l
RT: 8.458 min Scan# 2412
Delta R.T. -0.003 min
Lab File: VN070058.D
Acq: 14 Dec 2021 3:32



Tgt Ion: 78 Resp: 2167537
Ion Ratio Lower Upper
78 100
77 23.7 18.6 27.8





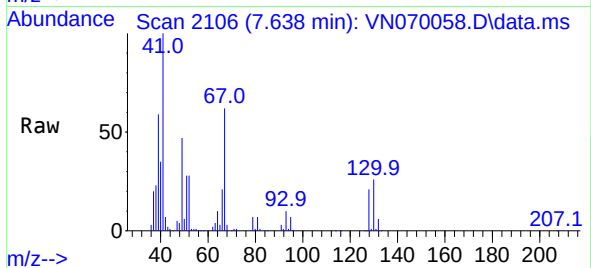
#41
Methacrylonitrile
Concen: 46.660 ug/l
RT: 7.638 min Scan# 2106
Delta R.T. -0.002 min
Lab File: VN070058.D
Acq: 14 Dec 2021 3:32

Instrument :

MSVOA_N

ClientSampleId :

TOLL-MW-07MS

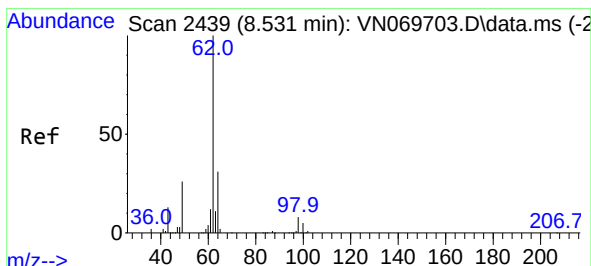
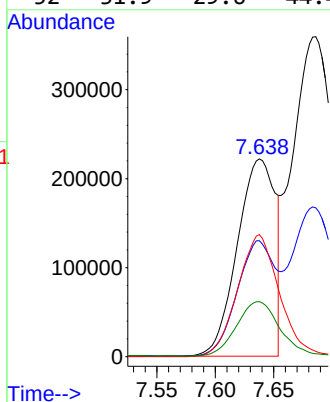
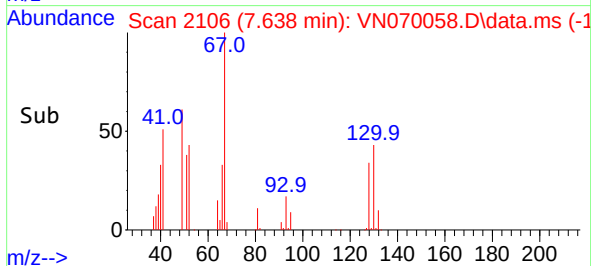


Tgt Ion: 41 Resp: 499052
Ion Ratio Lower Upper
41 100
39 60.5 48.1 72.1
67 69.1 68.3 102.5
52 31.9 29.6 44.4

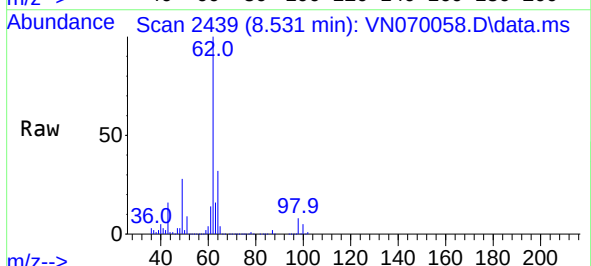
Manual Integrations

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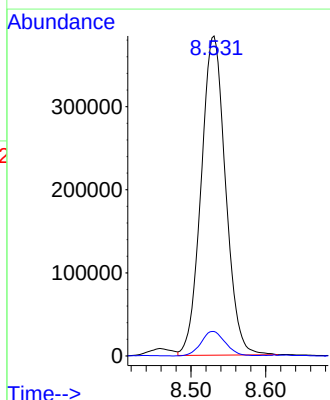
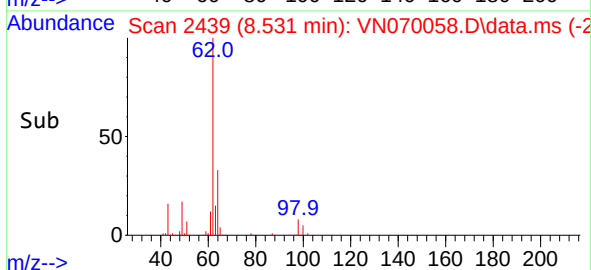
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021

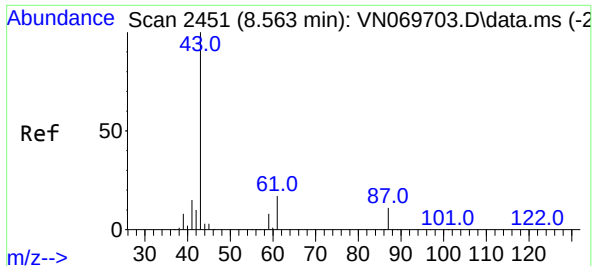


#42
1,2-Dichloroethane
Concen: 46.103 ug/l
RT: 8.531 min Scan# 2439
Delta R.T. 0.000 min
Lab File: VN070058.D
Acq: 14 Dec 2021 3:32



Tgt Ion: 62 Resp: 870804
Ion Ratio Lower Upper
62 100
98 7.8 0.0 17.6





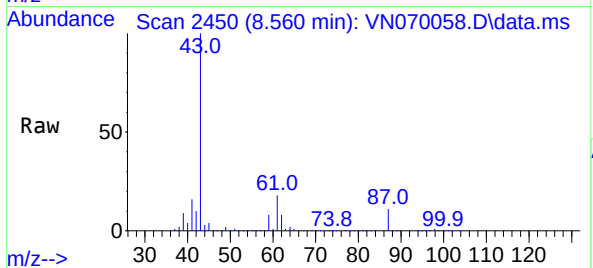
#43
Isopropyl Acetate
Concen: 43.742 ug/l
RT: 8.560 min Scan# 2451
Delta R.T. -0.003 min
Lab File: VN070058.D
Acq: 14 Dec 2021 3:32

Instrument :

MSVOA_N

ClientSampleId :

TOLL-MW-07MS

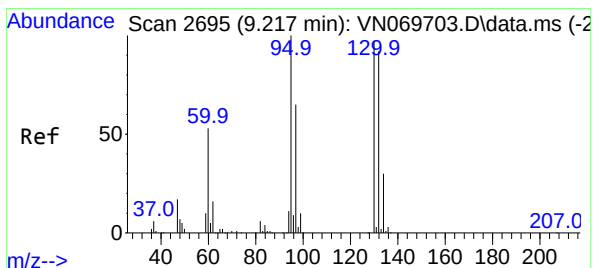
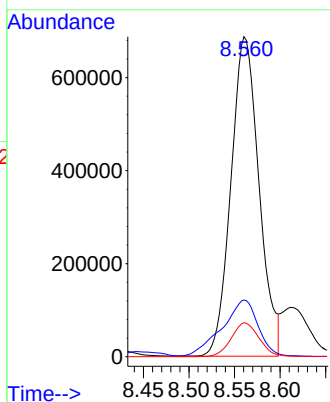
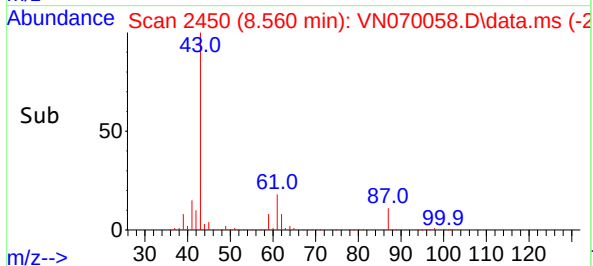


Tgt Ion: 43 Resp: 1474820
Ion Ratio Lower Upper
43 100
61 22.8 20.4 30.6
87 10.6 11.2 16.8

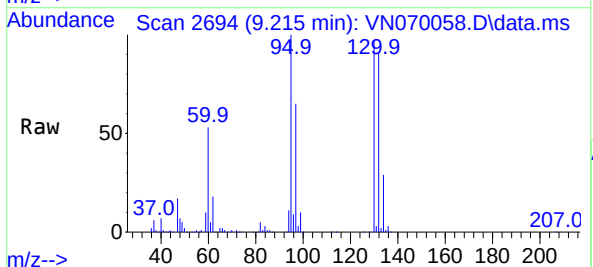
Manual Integrations

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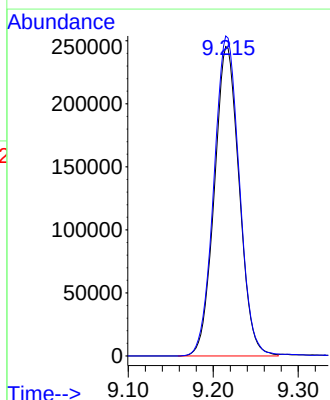
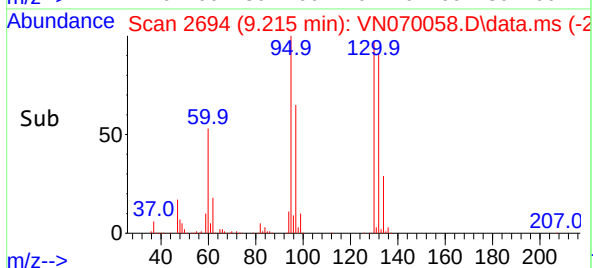
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021

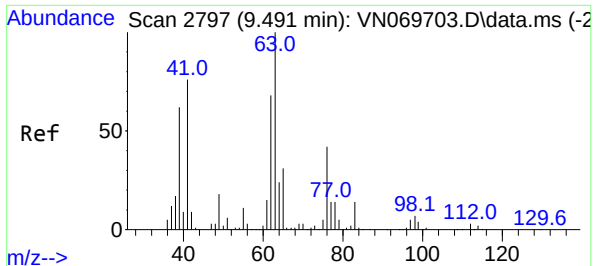


#44
Trichloroethene
Concen: 44.649 ug/l
RT: 9.215 min Scan# 2694
Delta R.T. -0.002 min
Lab File: VN070058.D
Acq: 14 Dec 2021 3:32



Tgt Ion:130 Resp: 498635
Ion Ratio Lower Upper
130 100
95 103.4 0.0 191.2





#45

1,2-Dichloropropane

Concen: 48.016 ug/l

RT: 9.488 min Scan# 2796

Delta R.T. -0.003 min

Lab File: VN070058.D

Acq: 14 Dec 2021 3:32

Instrument :

MSVOA_N

ClientSampleId :

TOLL-MW-07MS

Tgt Ion: 63 Resp: 60332

Ion Ratio Lower Upper

63 100

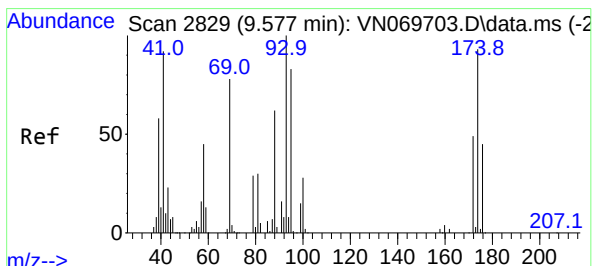
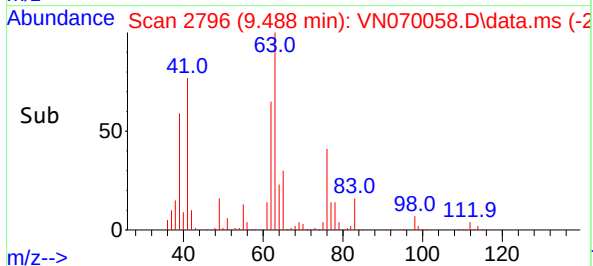
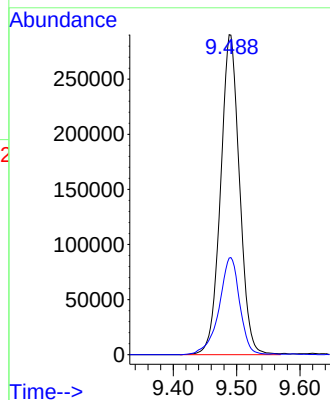
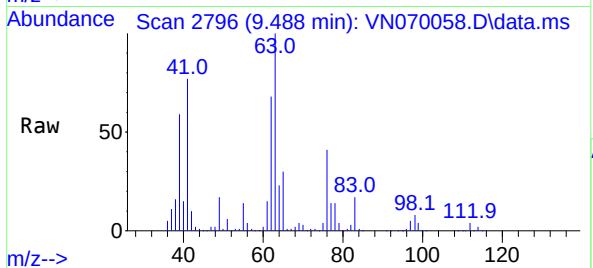
65 30.2 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2021

Supervised By :Amit Patel 12/15/2021



#46

Dibromomethane

Concen: 47.549 ug/l

RT: 9.577 min Scan# 2829

Delta R.T. 0.000 min

Lab File: VN070058.D

Acq: 14 Dec 2021 3:32

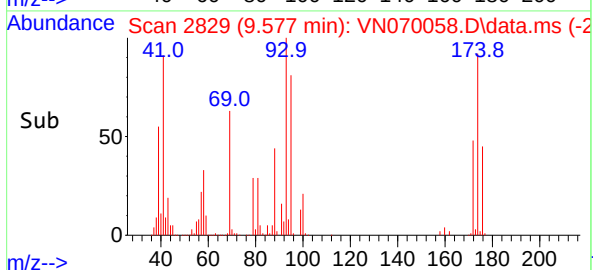
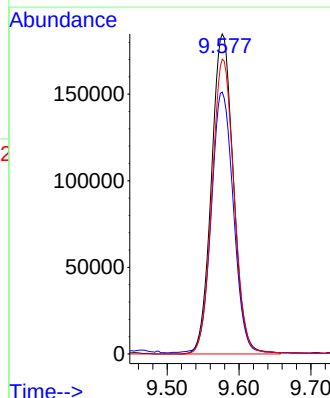
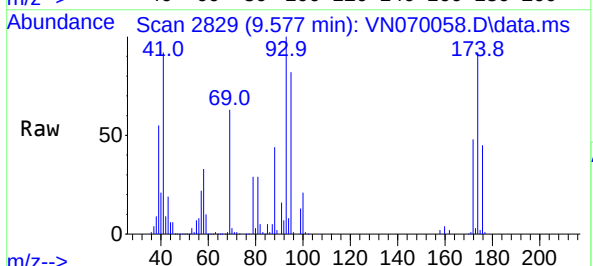
Tgt Ion: 93 Resp: 391829

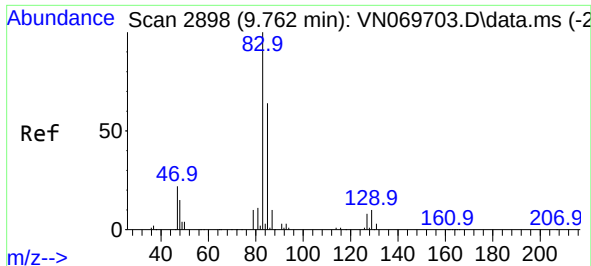
Ion Ratio Lower Upper

93 100

95 81.7 65.9 98.9

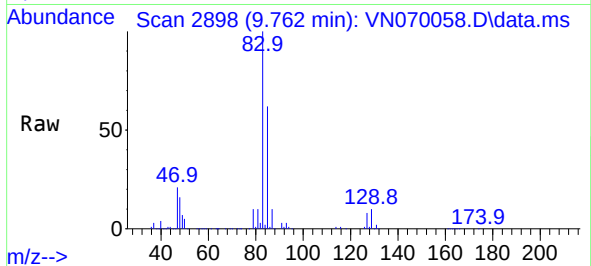
174 92.6 84.6 127.0





#47
Bromodichloromethane
Concen: 52.820 ug/l
RT: 9.762 min Scan# 2898
Delta R.T. 0.000 min
Lab File: VN070058.D
Acq: 14 Dec 2021 3:32

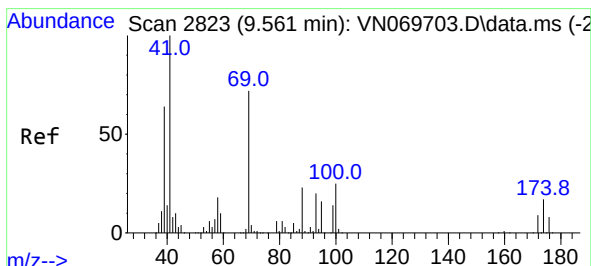
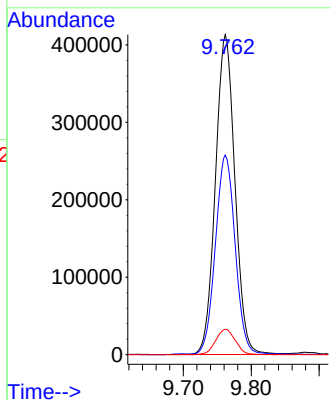
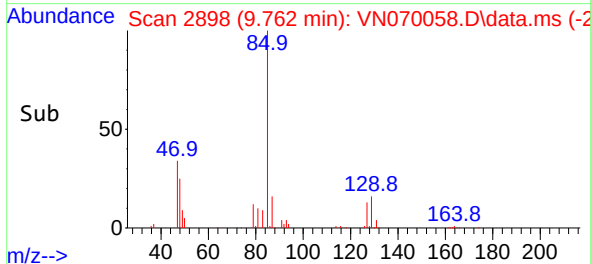
Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-07MS



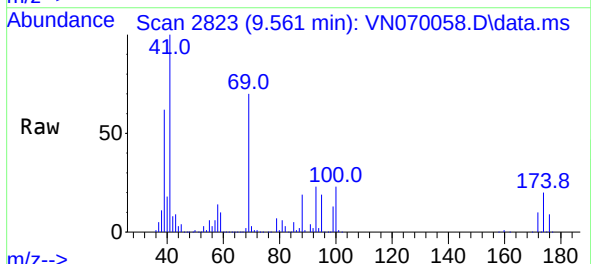
Tgt Ion: 83 Resp: 824118
Ion Ratio Lower Upper
83 100
85 62.2 50.9 76.3
127 8.0 7.1 10.7

Manual Integrations
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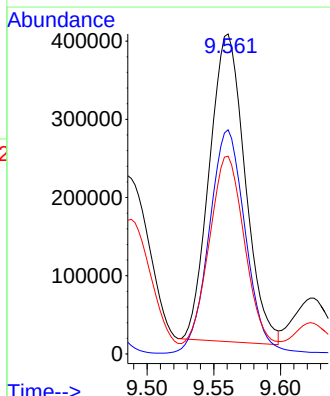
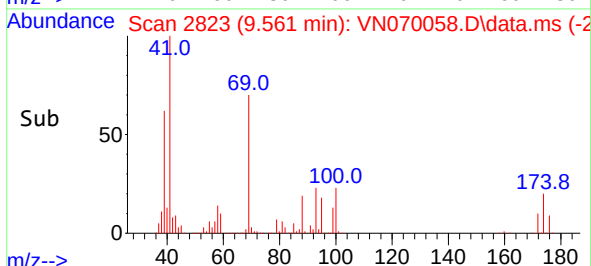
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021

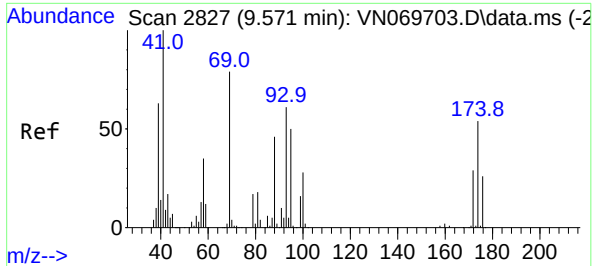


#48
Methyl methacrylate
Concen: 46.434 ug/l
RT: 9.561 min Scan# 2823
Delta R.T. -0.000 min
Lab File: VN070058.D
Acq: 14 Dec 2021 3:32



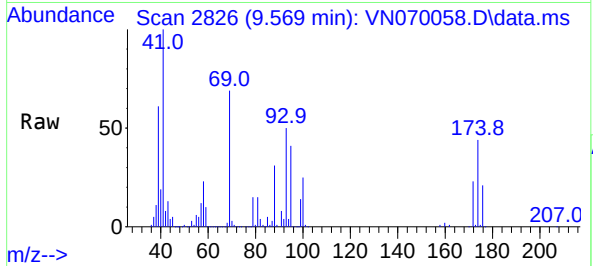
Tgt Ion: 41 Resp: 730630
Ion Ratio Lower Upper
41 100
69 74.0 72.4 108.6
39 66.4 58.4 87.6





#49
1,4-Dioxane
Concen: 722.155 ug/l
RT: 9.569 min Scan# 2827
Delta R.T. -0.003 min
Lab File: VN070058.D
Acq: 14 Dec 2021 3:32

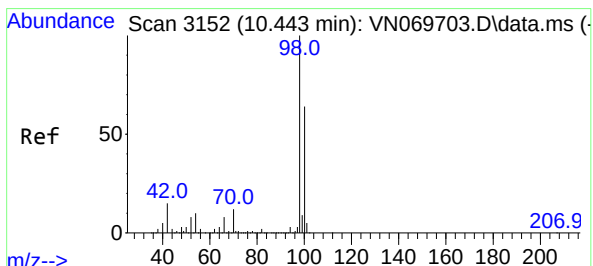
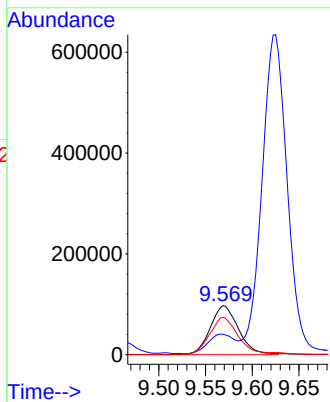
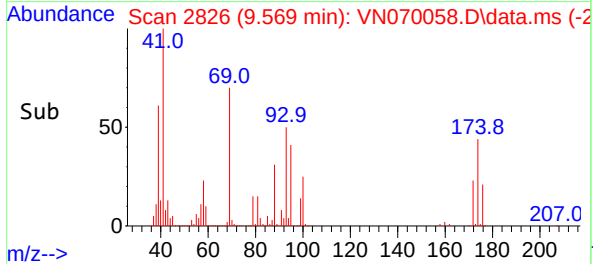
Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-07MS



Tgt Ion: 88 Resp: 203880
Ion Ratio Lower Upper
88 100
43 37.3 23.4 35.2
58 76.9 50.6 75.8

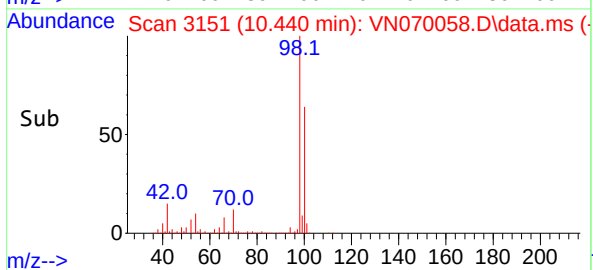
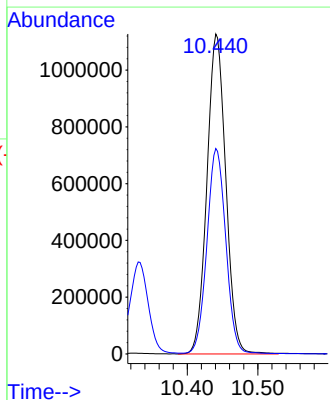
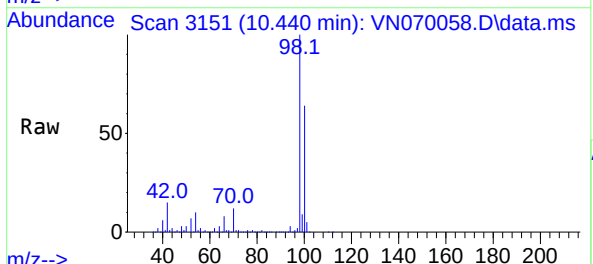
Manual Integrations
APPROVED

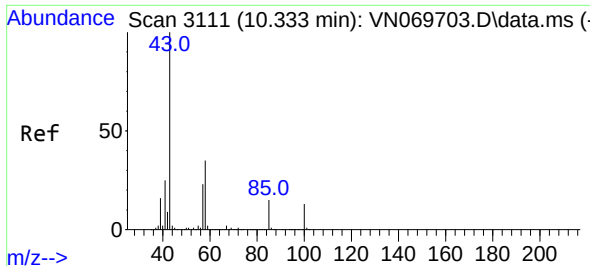
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021



#50
Toluene-d8
Concen: 51.725 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. -0.003 min
Lab File: VN070058.D
Acq: 14 Dec 2021 3:32

Tgt Ion: 98 Resp: 2091961
Ion Ratio Lower Upper
98 100
100 64.3 50.4 75.6





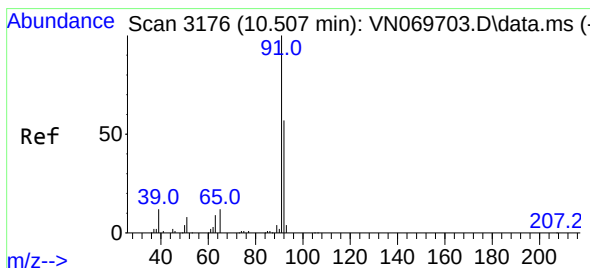
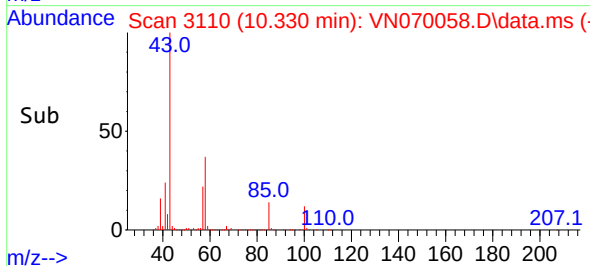
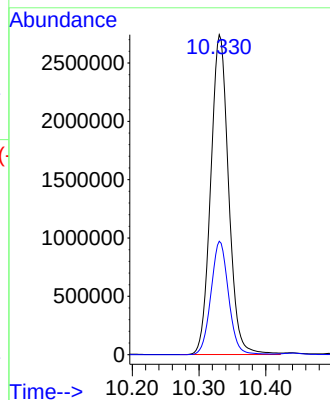
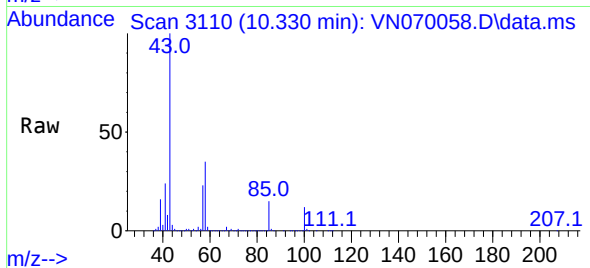
#51
4-Methyl-2-Pentanone
Concen: 233.090 ug/l
RT: 10.330 min Scan# 3111
Delta R.T. -0.003 min
Lab File: VN070058.D
Acq: 14 Dec 2021 3:32

Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-07MS

Tgt Ion: 43 Resp: 5098360
Ion Ratio Lower Upper
43 100
58 34.9 30.4 45.6

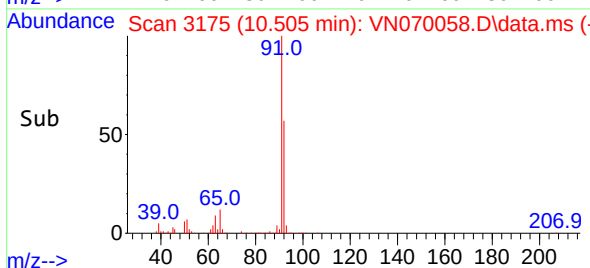
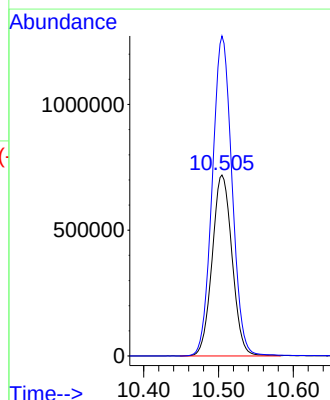
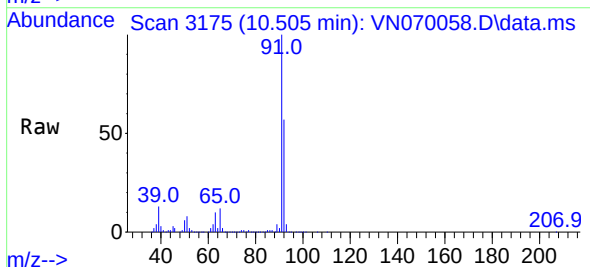
Manual Integrations
APPROVED

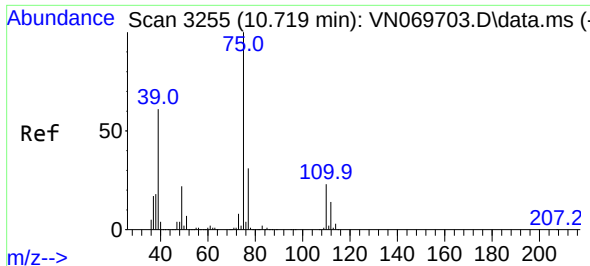
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021



#52
Toluene
Concen: 46.499 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.003 min
Lab File: VN070058.D
Acq: 14 Dec 2021 3:32

Tgt Ion: 92 Resp: 1328309
Ion Ratio Lower Upper
92 100
91 176.0 142.0 213.0





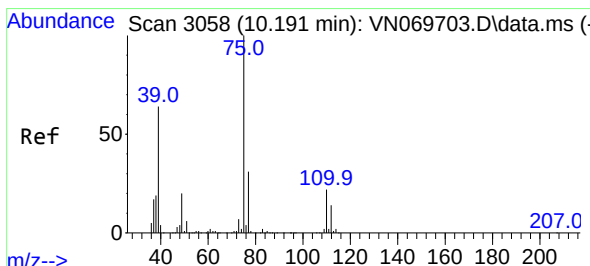
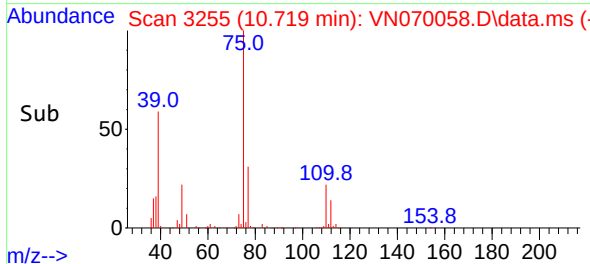
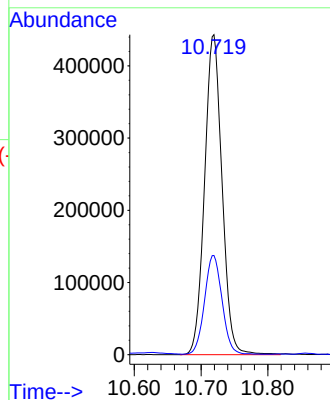
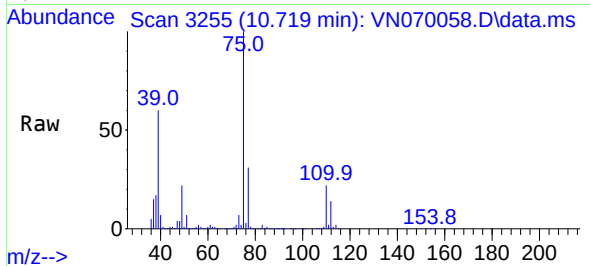
#53
t-1,3-Dichloropropene
Concen: 43.318 ug/l
RT: 10.719 min Scan# 3057
Delta R.T. 0.000 min
Lab File: VN070058.D
Acq: 14 Dec 2021 3:32

Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-07MS

Tgt Ion: 75 Resp: 805589
Ion Ratio Lower Upper
75 100
77 30.8 25.6 38.4

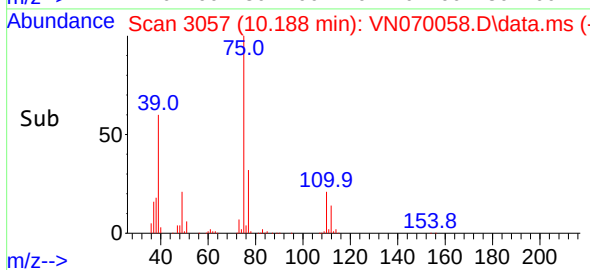
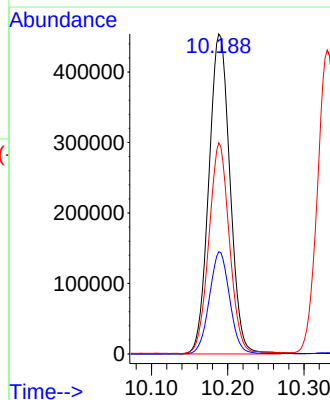
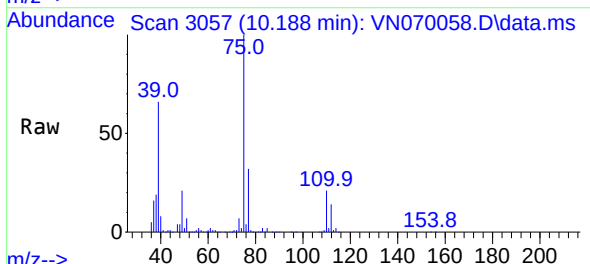
Manual Integrations
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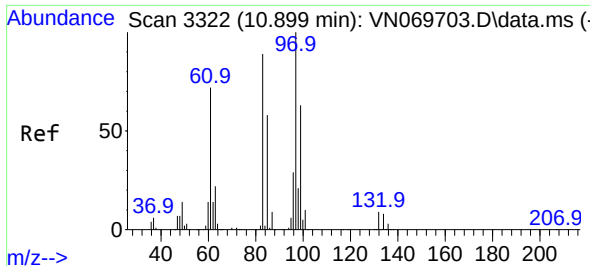
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021



#54
cis-1,3-Dichloropropene
Concen: 44.508 ug/l
RT: 10.188 min Scan# 3057
Delta R.T. -0.003 min
Lab File: VN070058.D
Acq: 14 Dec 2021 3:32

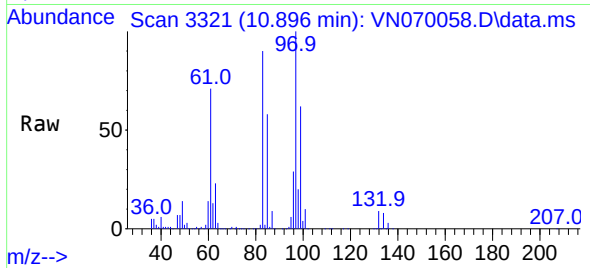
Tgt Ion: 75 Resp: 872185
Ion Ratio Lower Upper
75 100
77 31.9 26.4 39.6
39 65.8 42.5 63.7#





#55
1,1,2-Trichloroethane
Concen: 48.226 ug/l
RT: 10.896 min Scan# 31
Delta R.T. -0.003 min
Lab File: VN070058.D
Acq: 14 Dec 2021 3:32

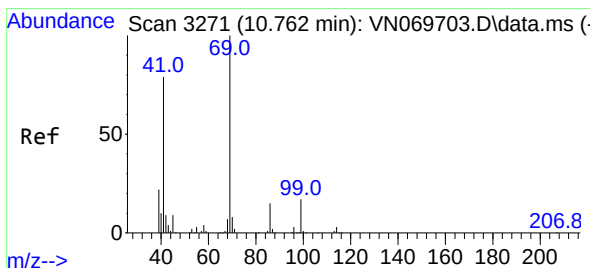
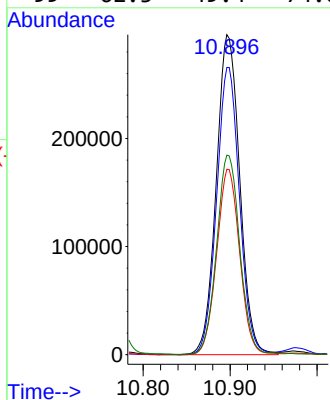
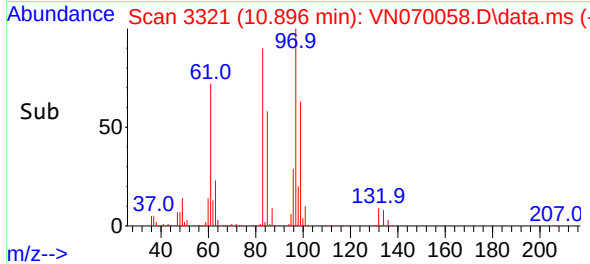
Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-07MS



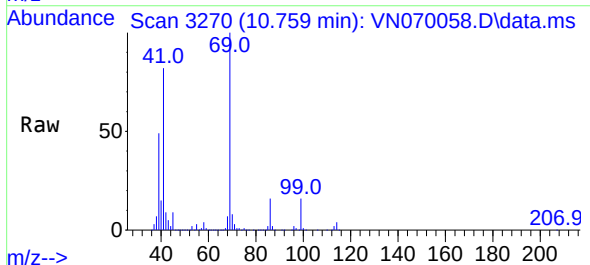
Tgt Ion: 97 Resp: 55585
Ion Ratio Lower Upper
97 100
83 89.8 67.8 101.6
85 58.0 45.4 68.2
99 62.3 49.4 74.0

Manual Integrations
APPROVED

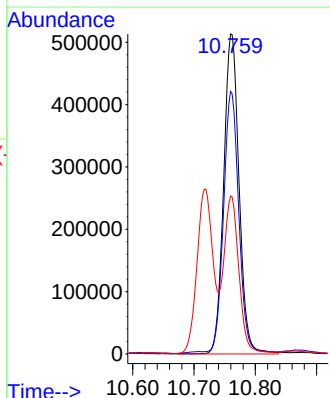
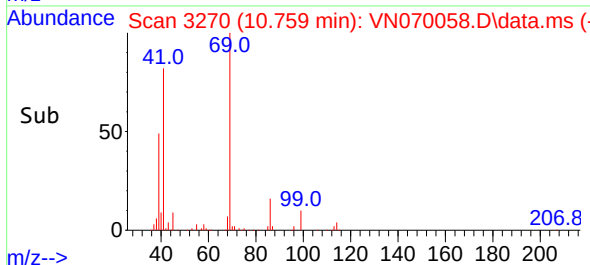
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021

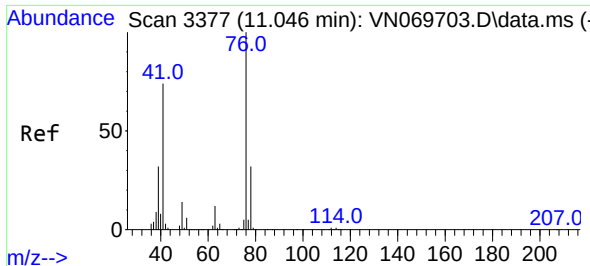


#56
Ethyl methacrylate
Concen: 41.563 ug/l
RT: 10.759 min Scan# 3270
Delta R.T. -0.003 min
Lab File: VN070058.D
Acq: 14 Dec 2021 3:32



Tgt Ion: 69 Resp: 895130
Ion Ratio Lower Upper
69 100
41 79.9 51.4 77.0#
39 47.7 34.6 52.0





#57

1,3-Dichloropropane

Concen: 47.691 ug/l

RT: 11.044 min Scan# 31

Delta R.T. -0.003 min

Lab File: VN070058.D

Acq: 14 Dec 2021 3:32

Instrument :

MSVOA_N

ClientSampleId :

TOLL-MW-07MS

Tgt Ion: 76 Resp: 96789

Ion Ratio Lower Upper

76 100

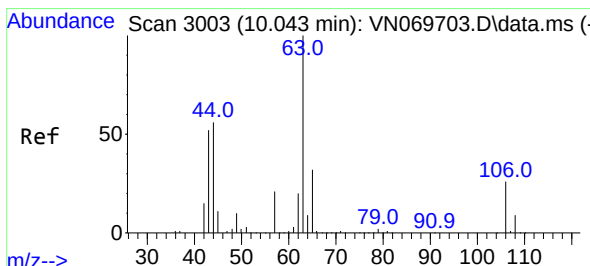
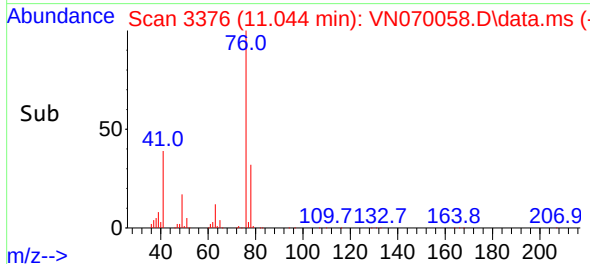
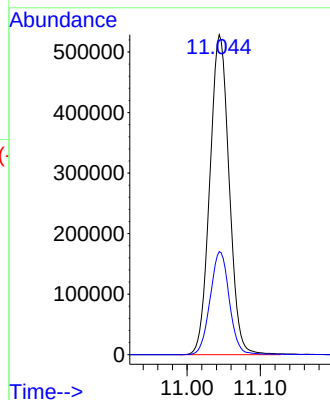
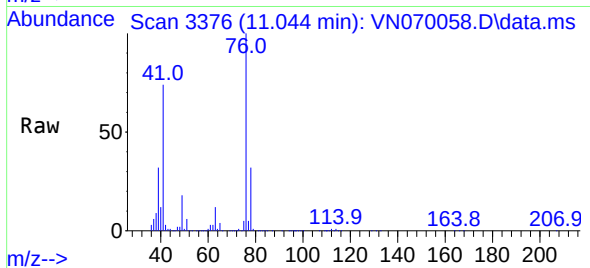
78 31.9 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2021

Supervised By :Amit Patel 12/15/2021



#58

2-Chloroethyl Vinyl ether

Concen: 18.424 ug/l

RT: 10.059 min Scan# 3009

Delta R.T. 0.016 min

Lab File: VN070058.D

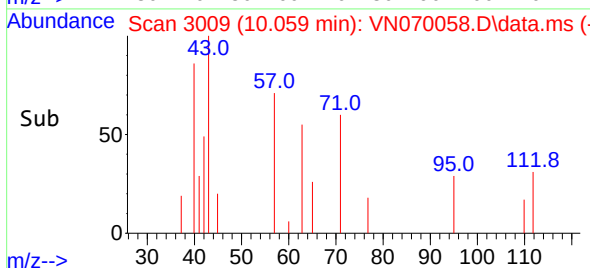
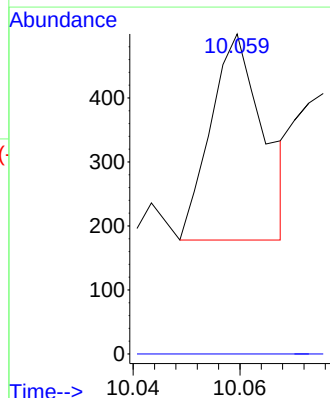
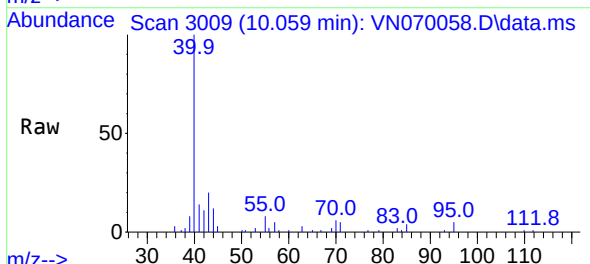
Acq: 14 Dec 2021 3:32

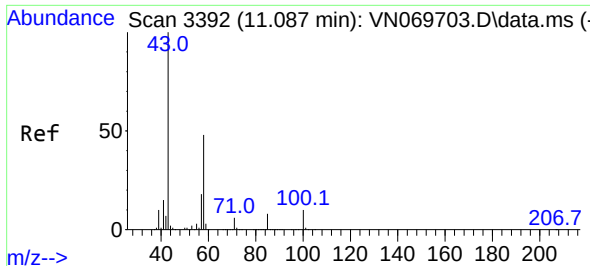
Tgt Ion: 63 Resp: 221

Ion Ratio Lower Upper

63 100

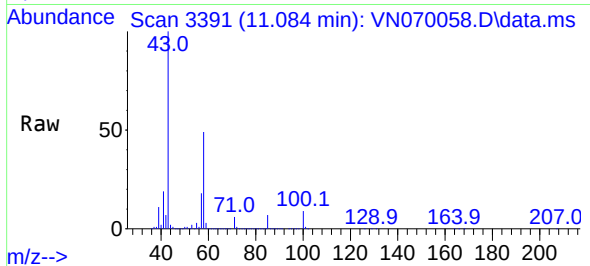
106 0.0 23.9 35.9#





#59
2-Hexanone
Concen: 215.402 ug/l
RT: 11.084 min Scan# 31
Delta R.T. -0.003 min
Lab File: VN070058.D
Acq: 14 Dec 2021 3:32

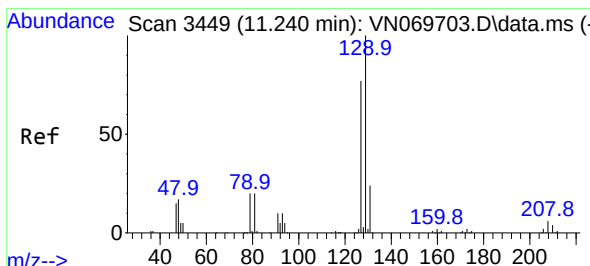
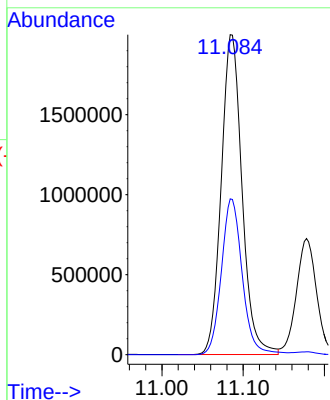
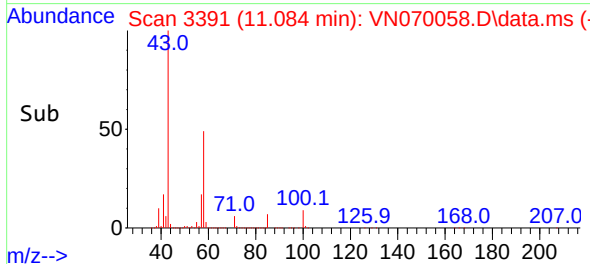
Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-07MS



Tgt Ion: 43 Resp: 356408
Ion Ratio Lower Upper
43 100
58 48.8 26.9 80.7

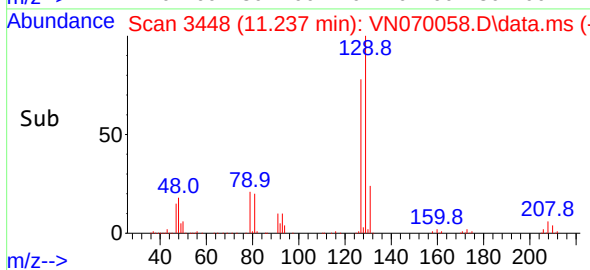
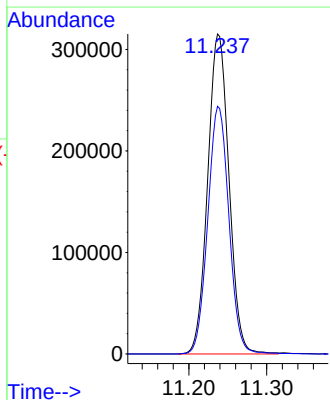
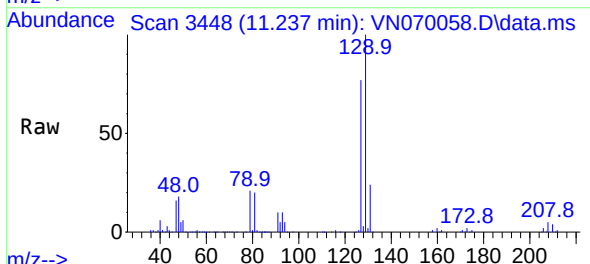
Manual Integrations
APPROVED

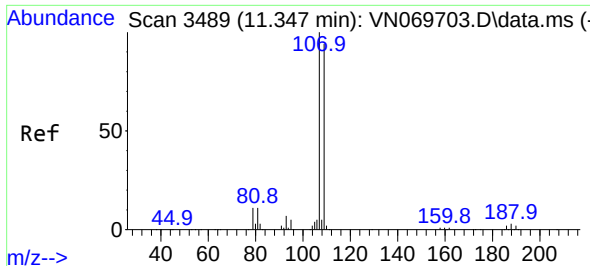
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021



#60
Dibromochloromethane
Concen: 48.533 ug/l
RT: 11.237 min Scan# 3448
Delta R.T. -0.003 min
Lab File: VN070058.D
Acq: 14 Dec 2021 3:32

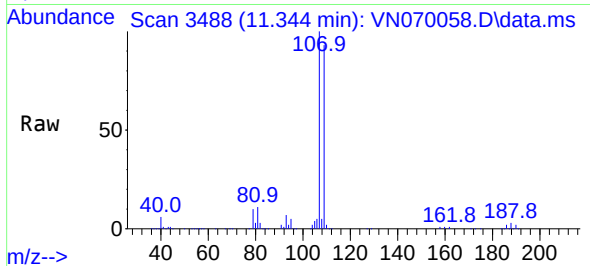
Tgt Ion:129 Resp: 598461
Ion Ratio Lower Upper
129 100
127 77.0 38.6 116.0





#61
1,2-Dibromoethane
Concen: 46.450 ug/l
RT: 11.344 min Scan# 3488
Delta R.T. -0.003 min
Lab File: VN070058.D
Acq: 14 Dec 2021 3:32

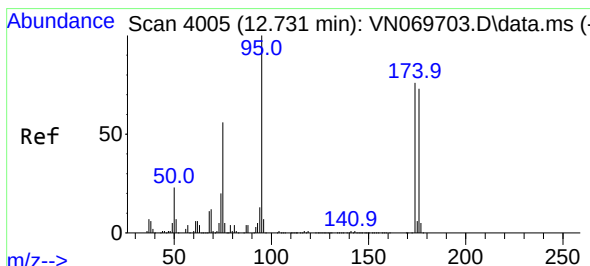
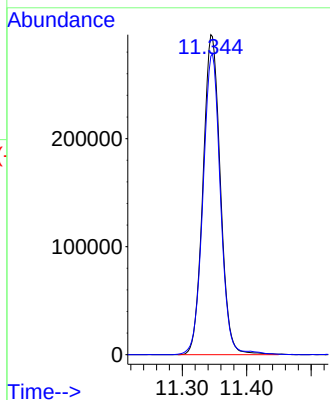
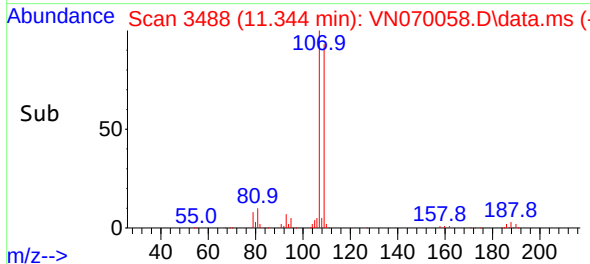
Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-07MS



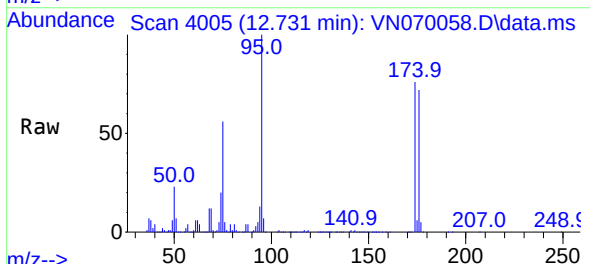
Tgt Ion:107 Resp: 55453
Ion Ratio Lower Upper
107 100
109 94.0 75.7 113.5

Manual Integrations
APPROVED

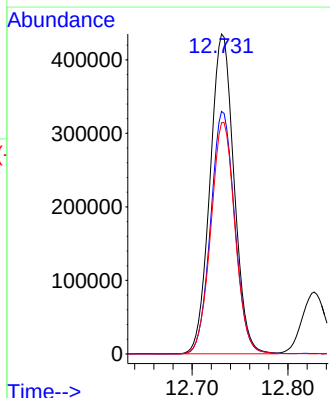
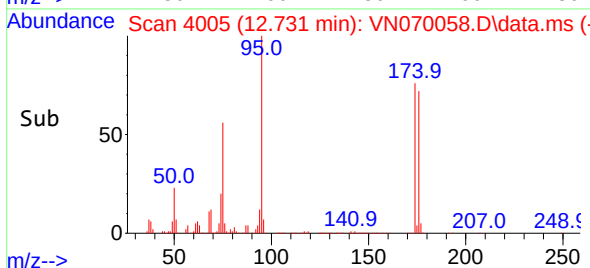
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021

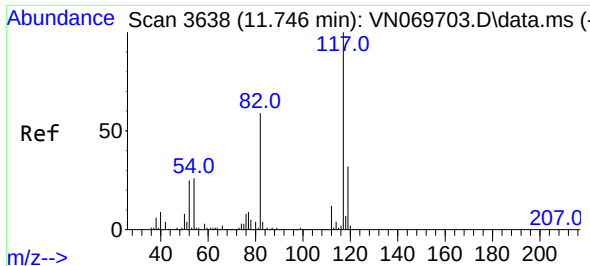


#62
4-Bromofluorobenzene
Concen: 51.516 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070058.D
Acq: 14 Dec 2021 3:32



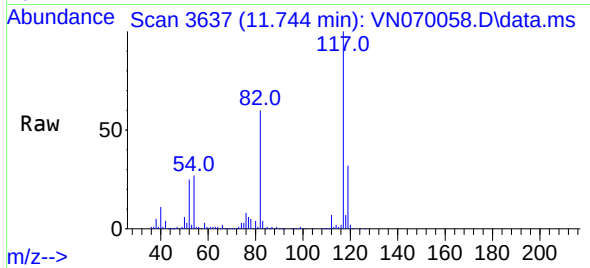
Tgt Ion: 95 Resp: 754809
Ion Ratio Lower Upper
95 100
174 76.3 0.0 187.2
176 73.1 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3638
Delta R.T. -0.002 min
Lab File: VN070058.D
Acq: 14 Dec 2021 3:32

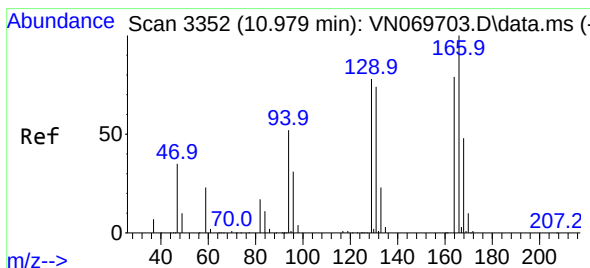
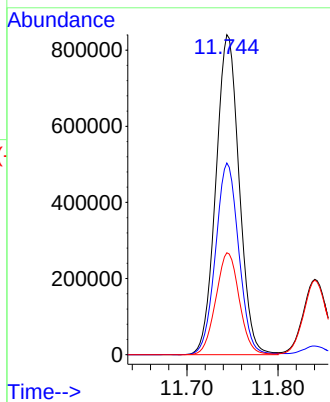
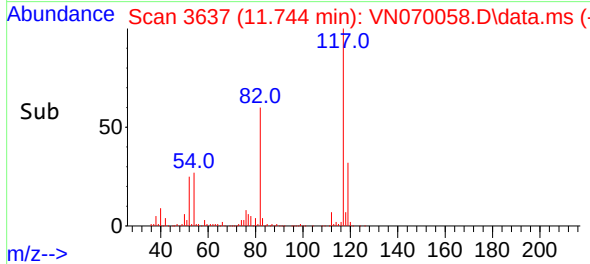
Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-07MS



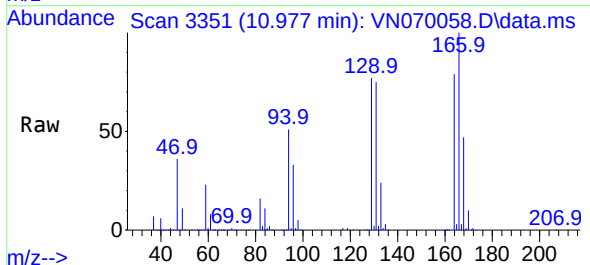
Tgt Ion:117 Resp: 149195
Ion Ratio Lower Upper
117 100
82 59.9 42.4 63.6
119 31.9 25.4 38.2

Manual Integrations
APPROVED

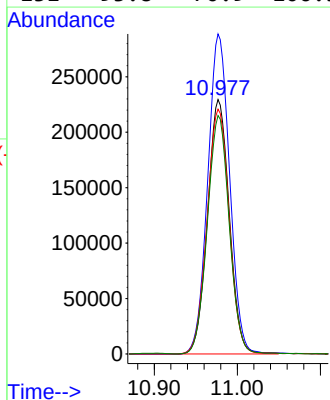
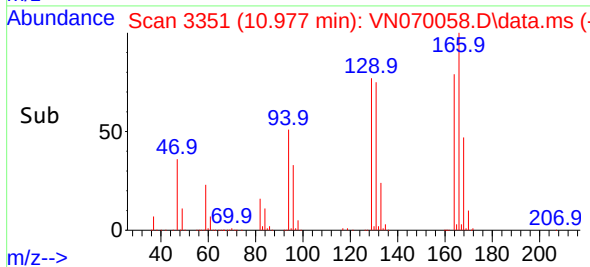
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021

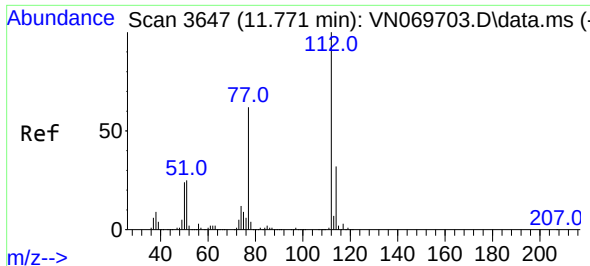


#64
Tetrachloroethene
Concen: 41.231 ug/l
RT: 10.977 min Scan# 3351
Delta R.T. -0.002 min
Lab File: VN070058.D
Acq: 14 Dec 2021 3:32



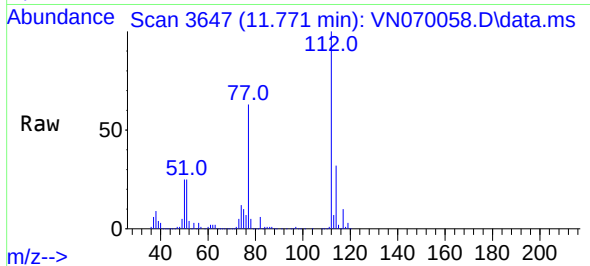
Tgt Ion:164 Resp: 417107
Ion Ratio Lower Upper
164 100
166 125.8 101.9 152.9
129 96.3 72.0 108.0
131 93.8 70.9 106.3





#65
Chlorobenzene
Concen: 46.261 ug/l
RT: 11.771 min Scan# 3647
Delta R.T. -0.000 min
Lab File: VN070058.D
Acq: 14 Dec 2021 3:32

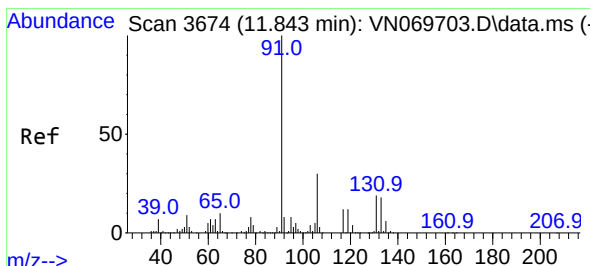
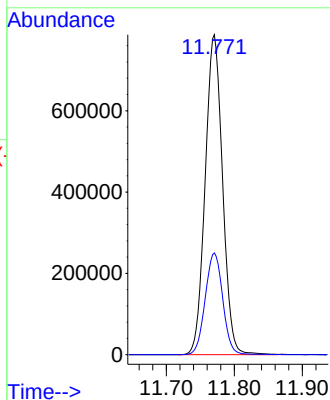
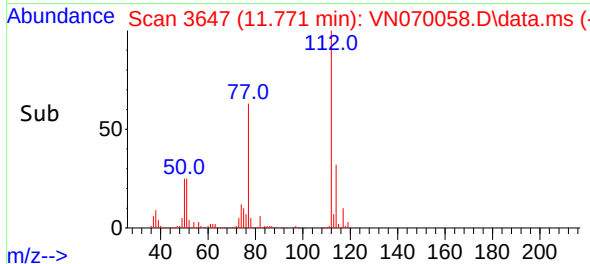
Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-07MS



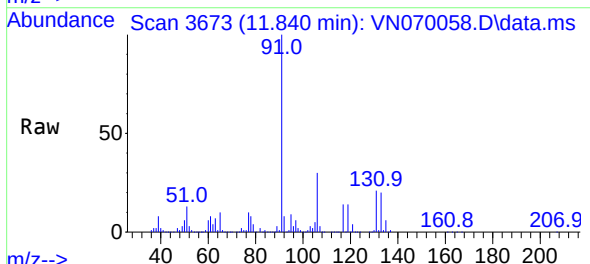
Tgt Ion:112 Resp: 1400184
Ion Ratio Lower Upper
112 100
114 31.8 25.4 38.0

Manual Integrations
APPROVED

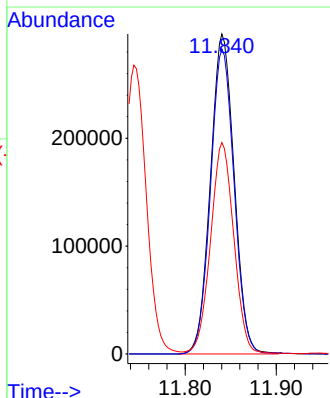
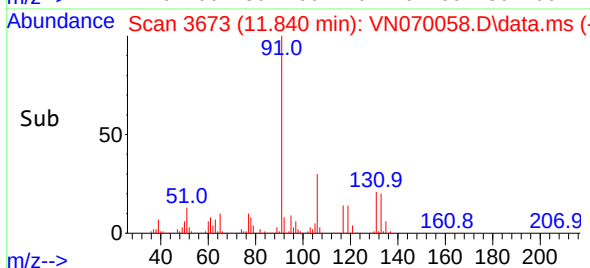
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021

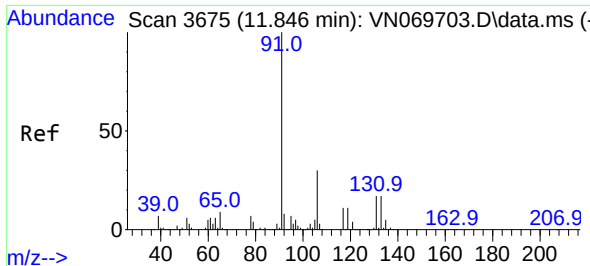


#66
1,1,1,2-Tetrachloroethane
Concen: 50.321 ug/l
RT: 11.840 min Scan# 3673
Delta R.T. -0.003 min
Lab File: VN070058.D
Acq: 14 Dec 2021 3:32



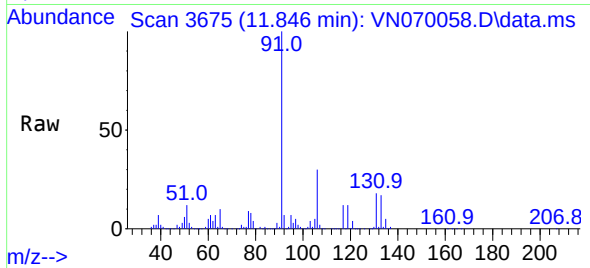
Tgt Ion:131 Resp: 536078
Ion Ratio Lower Upper
131 100
133 94.9 47.9 143.7
119 64.9 32.1 96.5





#67
Ethyl Benzene
Concen: 47.922 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. 0.000 min
Lab File: VN070058.D
Acq: 14 Dec 2021 3:32

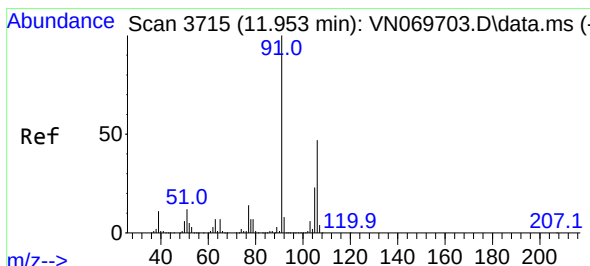
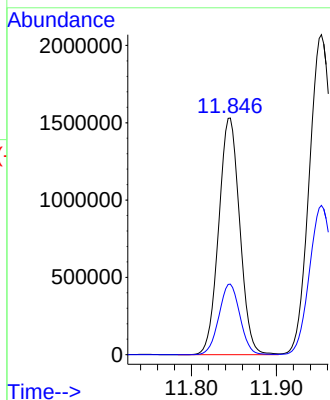
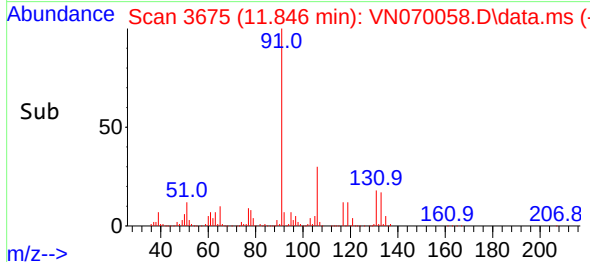
Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-07MS



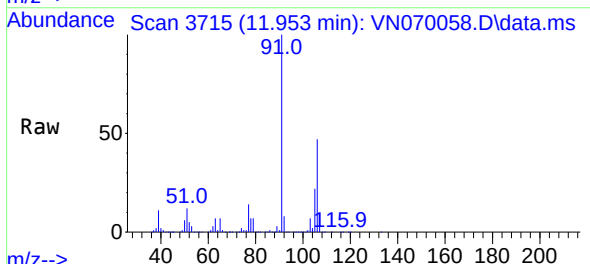
Tgt Ion: 91 Resp: 2634734
Ion Ratio Lower Upper
91 100
106 29.8 25.7 38.5

Manual Integrations
APPROVED

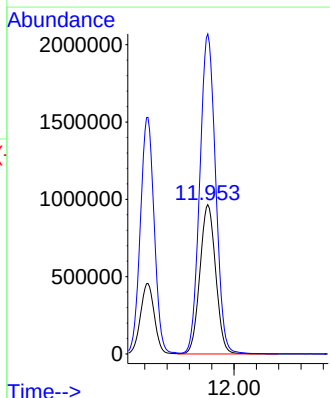
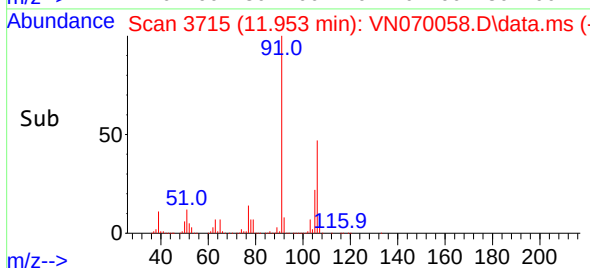
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021

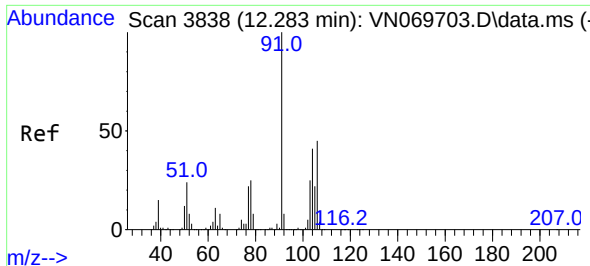


#68
m/p-Xylenes
Concen: 94.701 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. 0.000 min
Lab File: VN070058.D
Acq: 14 Dec 2021 3:32



Tgt Ion:106 Resp: 1895780
Ion Ratio Lower Upper
106 100
91 214.9 160.6 240.8





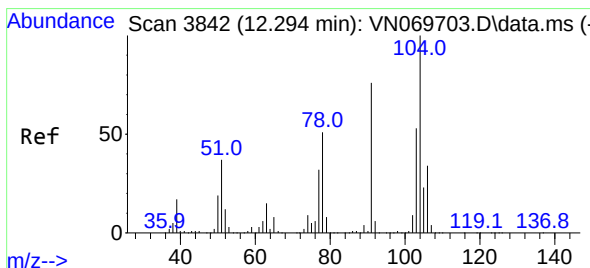
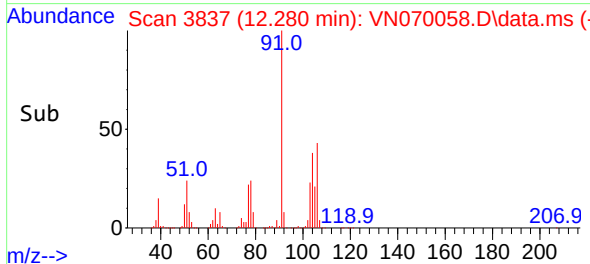
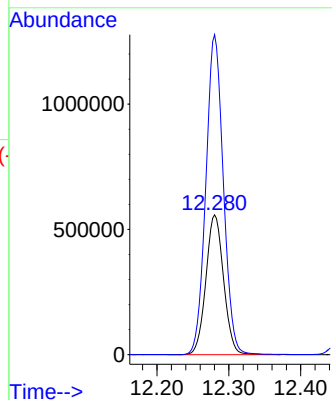
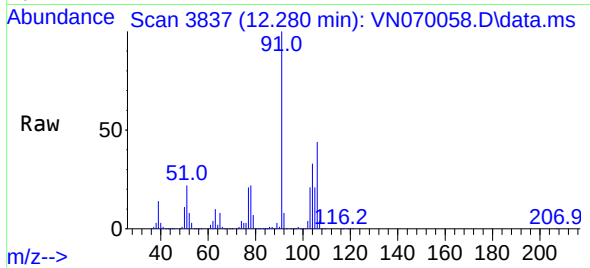
#69
o-Xylene
Concen: 47.370 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. -0.003 min
Lab File: VN070058.D
Acq: 14 Dec 2021 3:32

Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-07MS

Tgt Ion:106 Resp: 955184
Ion Ratio Lower Upper
106 100
91 226.4 105.8 317.3

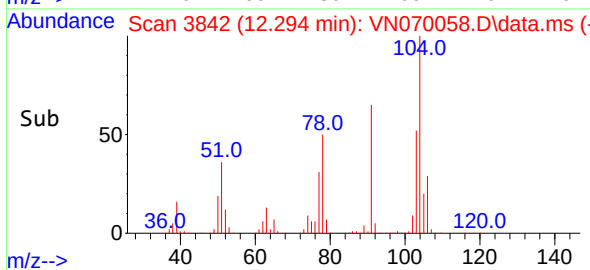
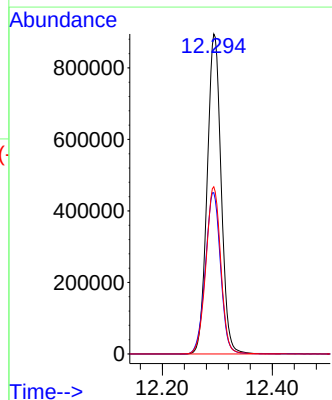
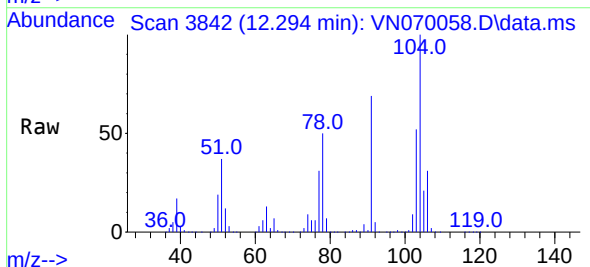
Manual Integrations
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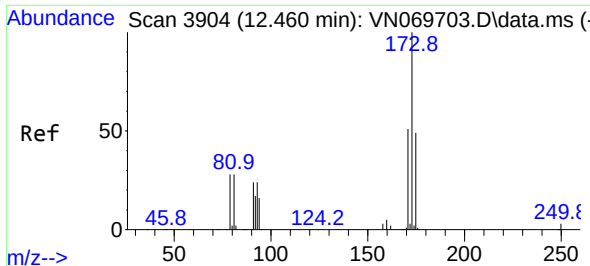
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021



#70
Styrene
Concen: 49.518 ug/l
RT: 12.294 min Scan# 3842
Delta R.T. -0.000 min
Lab File: VN070058.D
Acq: 14 Dec 2021 3:32

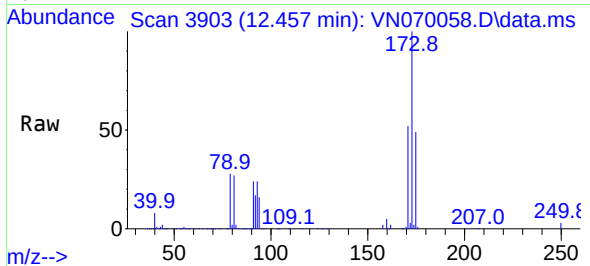
Tgt Ion:104 Resp: 1583294
Ion Ratio Lower Upper
104 100
78 54.7 38.7 58.1
103 55.6 45.0 67.6





#71
Bromoform
Concen: 49.718 ug/l
RT: 12.457 min Scan# 3903
Delta R.T. -0.003 min
Lab File: VN070058.D
Acq: 14 Dec 2021 3:32

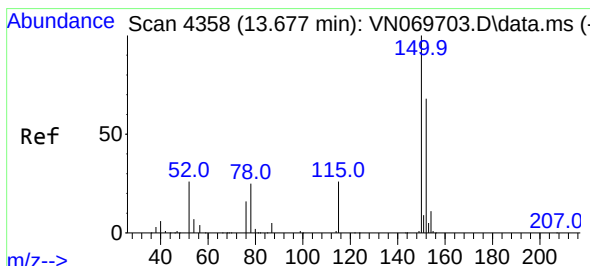
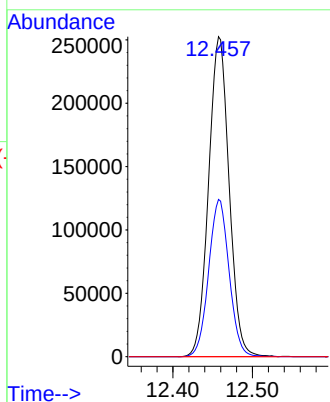
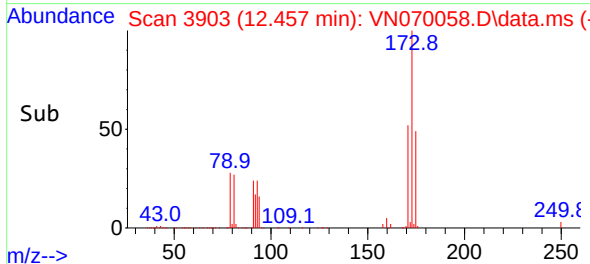
Instrument :
MSVOA_N
ClientSampleId :
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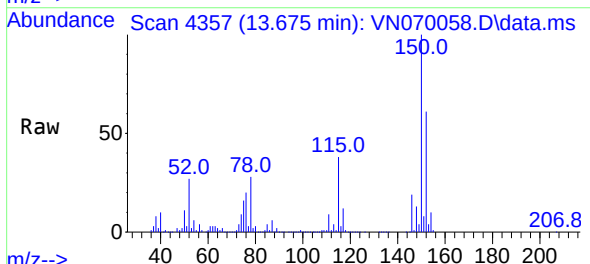
Tgt Ion:173 Resp: 45286
Ion Ratio Lower Upper
173 100
175 49.1 24.2 72.6
254 0.0 0.0 0.0

Manual Integrations
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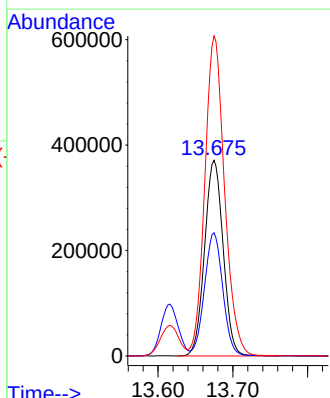
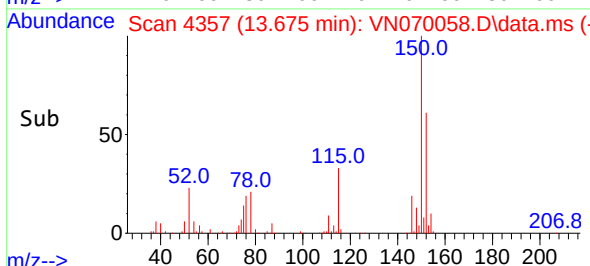
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021

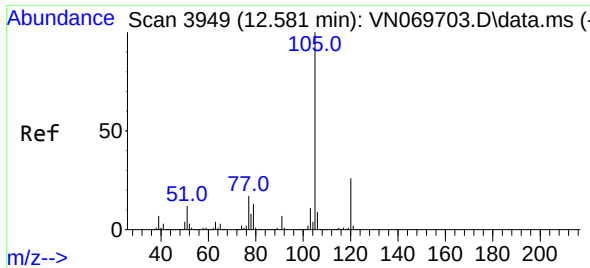


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.003 min
Lab File: VN070058.D
Acq: 14 Dec 2021 3:32



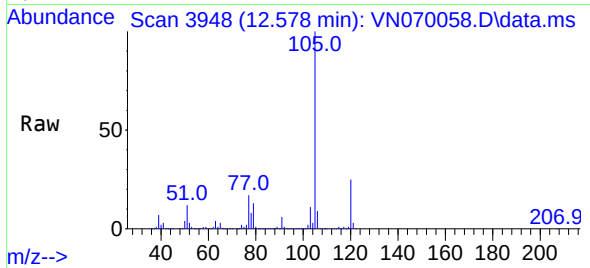
Tgt Ion:152 Resp: 641836
Ion Ratio Lower Upper
152 100
115 61.9 27.5 82.5
150 173.6 0.0 344.4





#73
Isopropylbenzene
Concen: 44.158 ug/l
RT: 12.578 min Scan# 3948
Delta R.T. -0.003 min
Lab File: VN070058.D
Acq: 14 Dec 2021 3:32

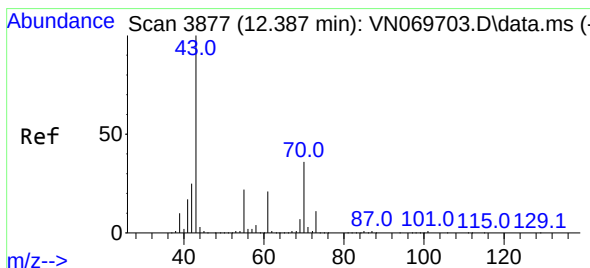
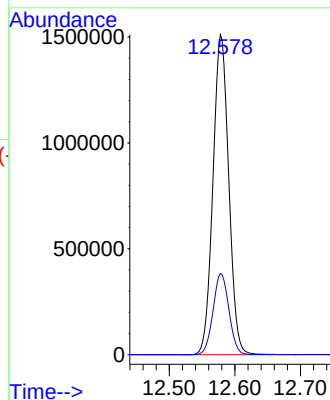
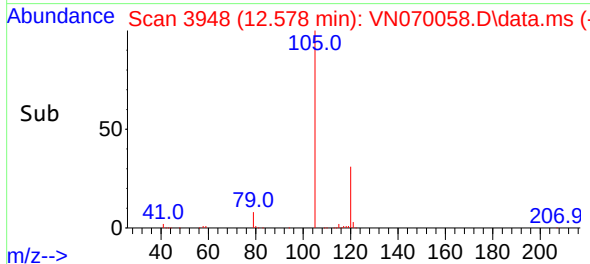
Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-07MS



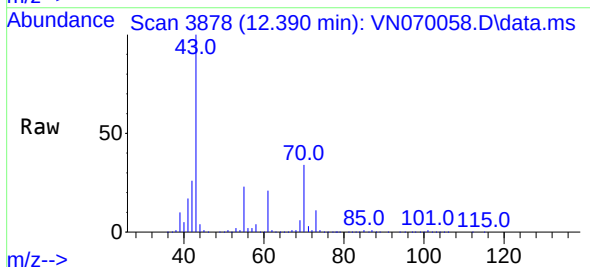
Tgt Ion:105 Resp: 2521680
Ion Ratio Lower Upper
105 100
120 25.5 13.4 40.1

Manual Integrations
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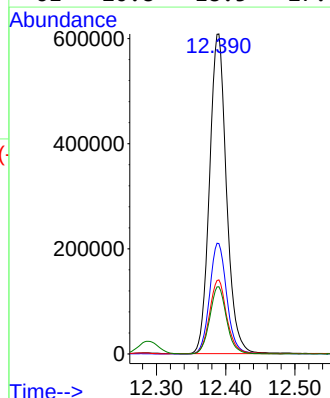
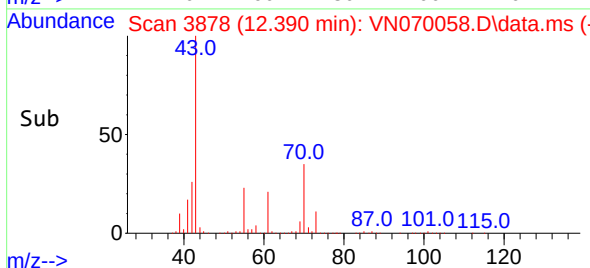
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021

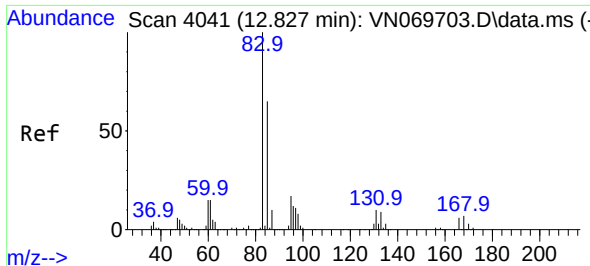


#74
N-ethyl acetate
Concen: 40.961 ug/l
RT: 12.390 min Scan# 3878
Delta R.T. 0.003 min
Lab File: VN070058.D
Acq: 14 Dec 2021 3:32



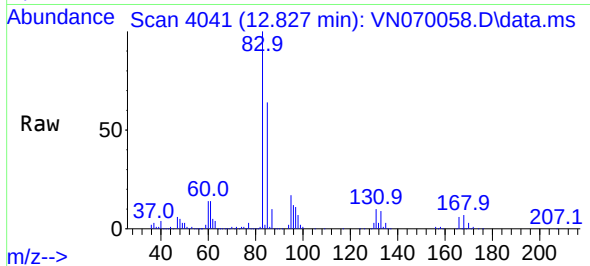
Tgt Ion: 43 Resp: 1034448
Ion Ratio Lower Upper
43 100
70 35.0 33.4 50.0
55 23.2 19.3 28.9
61 20.8 18.5 27.7





#75
1,1,2,2-Tetrachloroethane
Concen: 44.784 ug/l
RT: 12.827 min Scan# 4041
Delta R.T. 0.000 min
Lab File: VN070058.D
Acq: 14 Dec 2021 3:32

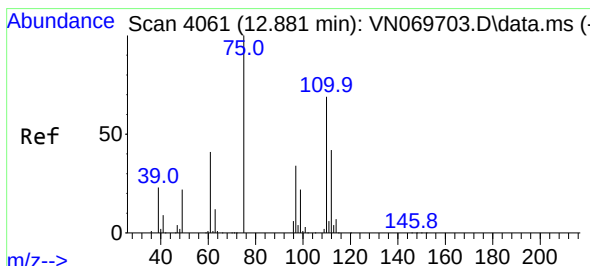
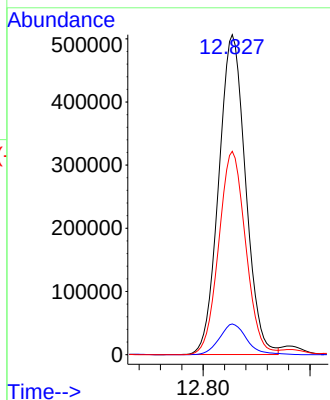
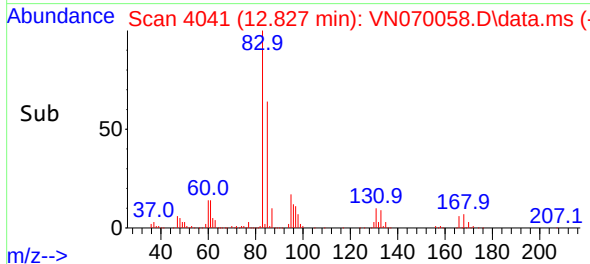
Instrument :
MSVOA_N
ClientSampleId :
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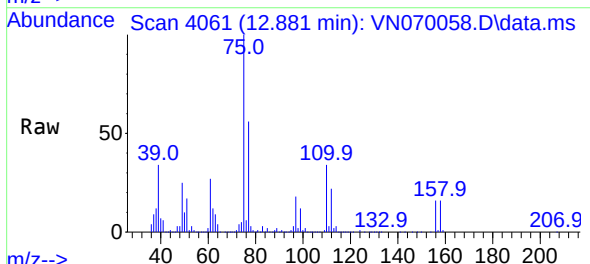
Tgt Ion: 83 Resp: 884349
Ion Ratio Lower Upper
83 100
131 9.8 5.5 16.5
85 63.7 32.4 97.2

Manual Integrations
APPROVED

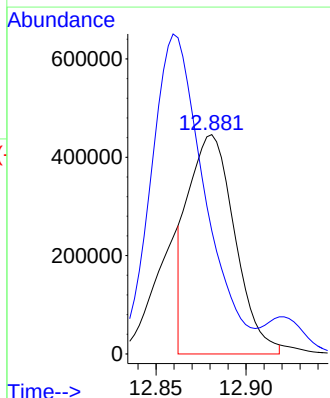
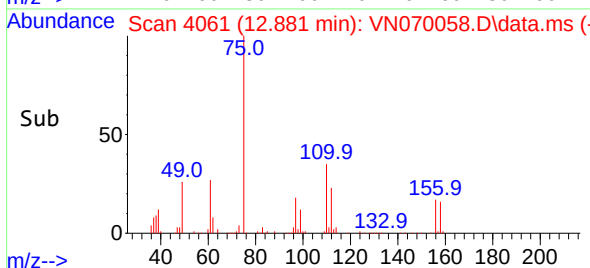
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021

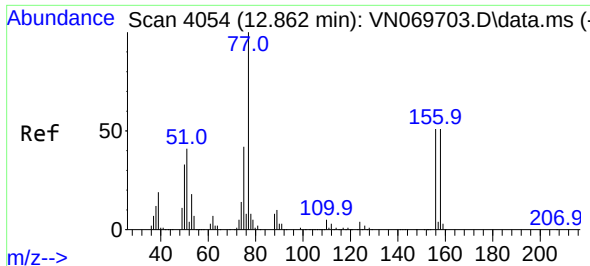


#76
1,2,3-Trichloropropane
Concen: 43.497 ug/l m
RT: 12.881 min Scan# 4061
Delta R.T. 0.000 min
Lab File: VN070058.D
Acq: 14 Dec 2021 3:32



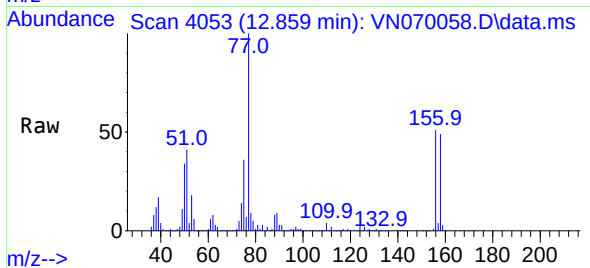
Tgt Ion: 75 Resp: 800613
Ion Ratio Lower Upper
75 100
77 0.0 82.6 247.8#





#77
Bromobenzene
Concen: 43.990 ug/l
RT: 12.859 min Scan# 4053
Delta R.T. -0.003 min
Lab File: VN070058.D
Acq: 14 Dec 2021 3:32

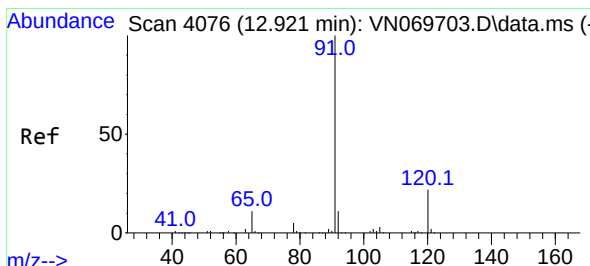
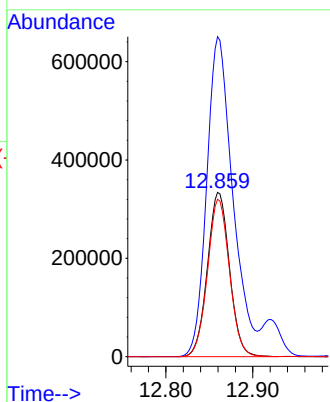
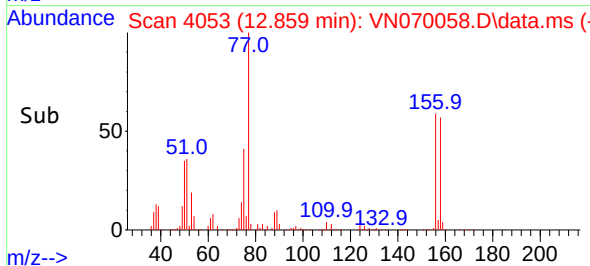
Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-07MS



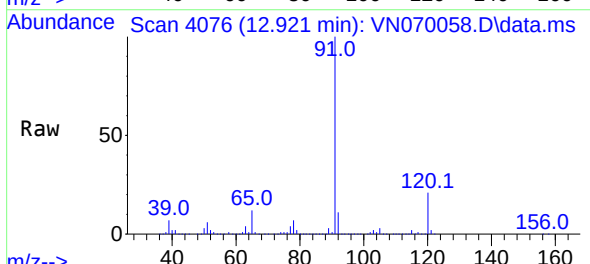
Tgt Ion:156 Resp: 590049
Ion Ratio Lower Upper
156 100
77 228.3 90.6 271.8
158 95.2 48.9 146.7

Manual Integrations
APPROVED

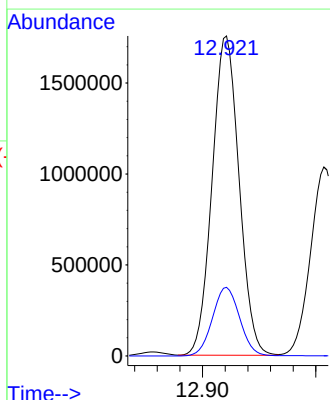
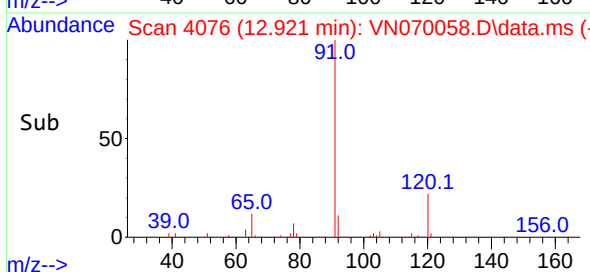
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021

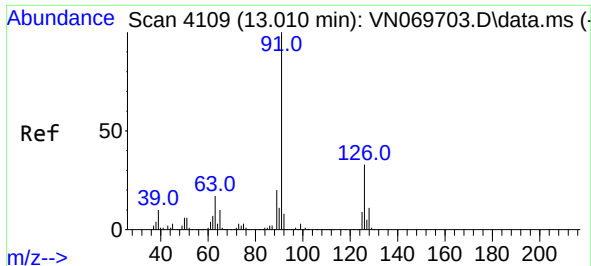


#78
n-propylbenzene
Concen: 45.577 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.000 min
Lab File: VN070058.D
Acq: 14 Dec 2021 3:32



Tgt Ion: 91 Resp: 2896196
Ion Ratio Lower Upper
91 100
120 21.7 11.9 35.9





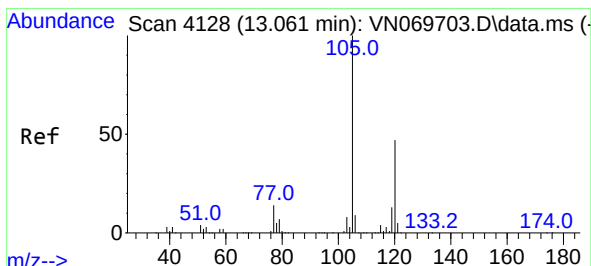
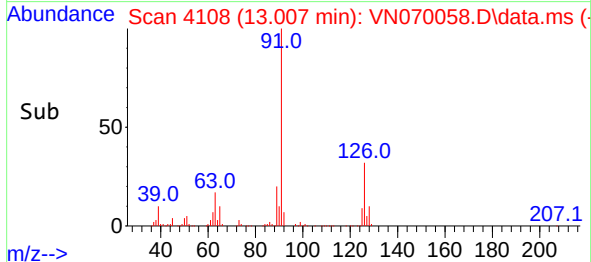
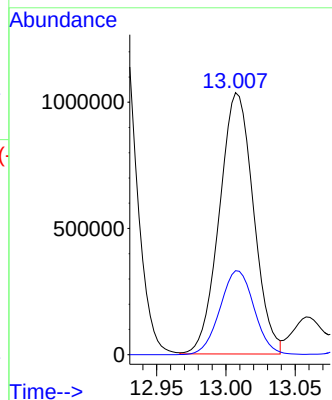
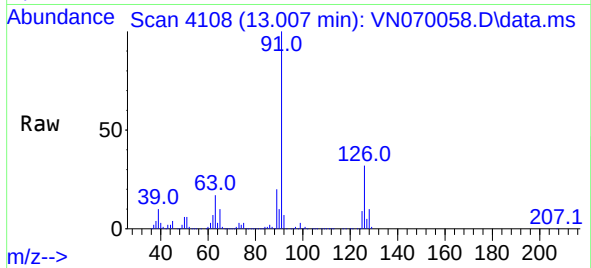
#79
2-Chlorotoluene
Concen: 44.208 ug/l
RT: 13.007 min Scan# 4109
Delta R.T. -0.003 min
Lab File: VN070058.D
Acq: 14 Dec 2021 3:32

Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-07MS

Tgt Ion: 91 Resp: 1775060
Ion Ratio Lower Upper
91 100
126 32.3 18.3 54.8

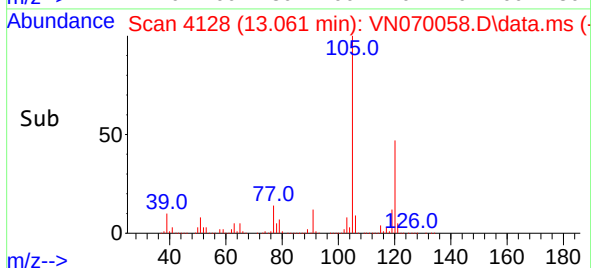
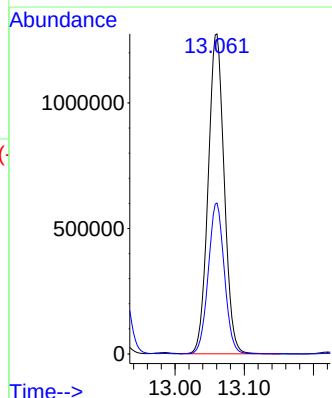
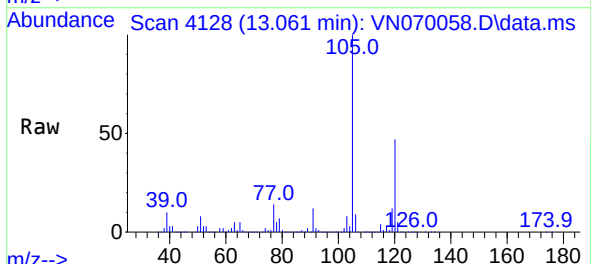
Manual Integrations
APPROVED

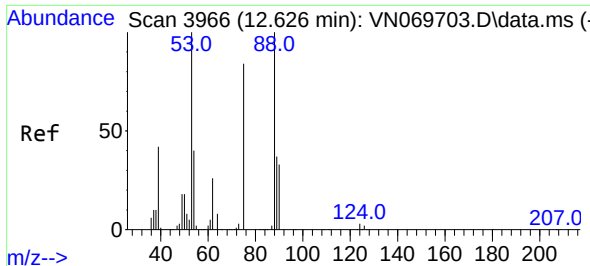
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021



#80
1,3,5-Trimethylbenzene
Concen: 44.703 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. 0.000 min
Lab File: VN070058.D
Acq: 14 Dec 2021 3:32

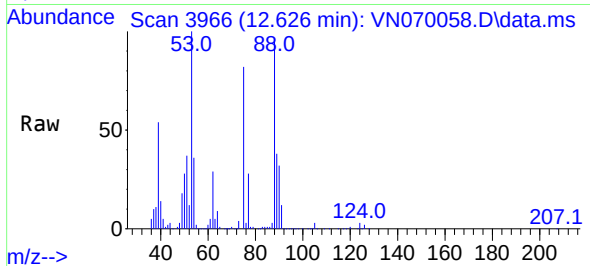
Tgt Ion:105 Resp: 2054668
Ion Ratio Lower Upper
105 100
120 47.1 24.6 73.6





#81
trans-1,4-Dichloro-2-butene
Concen: 42.134 ug/l
RT: 12.626 min Scan# 3966
Delta R.T. 0.000 min
Lab File: VN070058.D
Acq: 14 Dec 2021 3:32

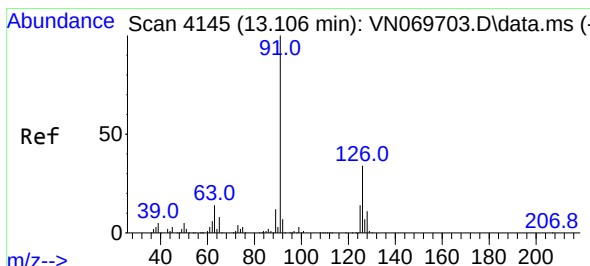
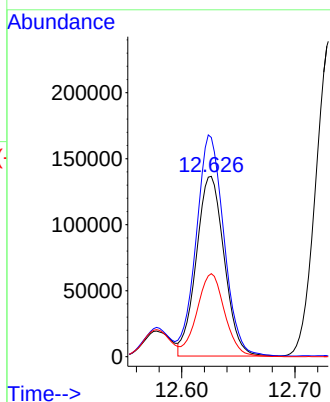
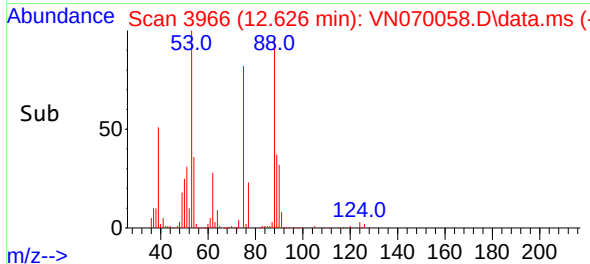
Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-07MS



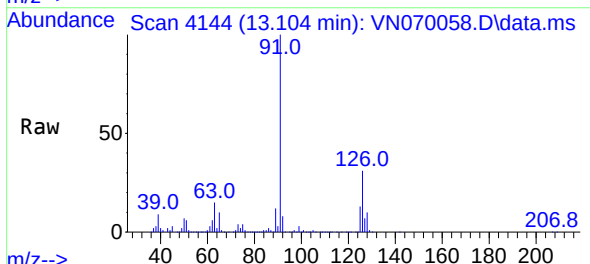
Tgt Ion: 75 Resp: 23304
Ion Ratio Lower Upper
75 100
53 122.7 90.5 135.7
89 46.4 38.2 57.4

Manual Integrations
APPROVED

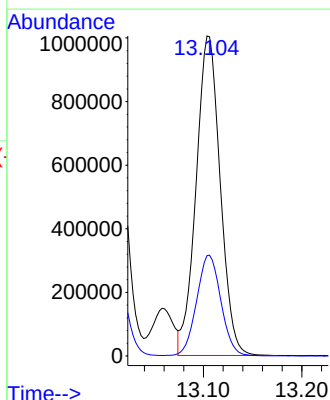
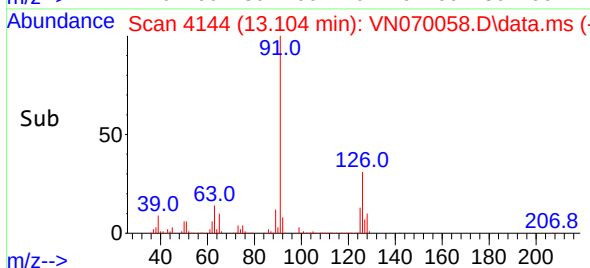
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021

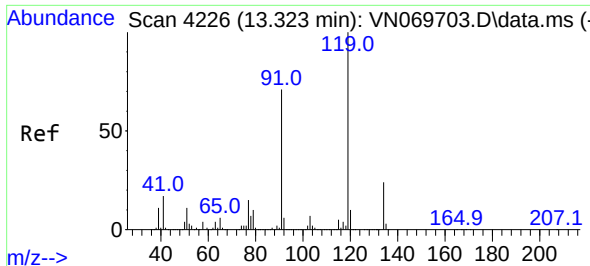


#82
4-Chlorotoluene
Concen: 45.322 ug/l
RT: 13.104 min Scan# 4144
Delta R.T. -0.003 min
Lab File: VN070058.D
Acq: 14 Dec 2021 3:32



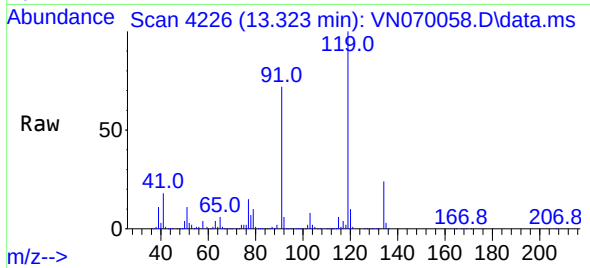
Tgt Ion: 91 Resp: 1711406
Ion Ratio Lower Upper
91 100
126 31.7 18.2 54.6





#83
tert-Butylbenzene
Concen: 44.059 ug/l
RT: 13.323 min Scan# 4226
Delta R.T. 0.000 min
Lab File: VN070058.D
Acq: 14 Dec 2021 3:32

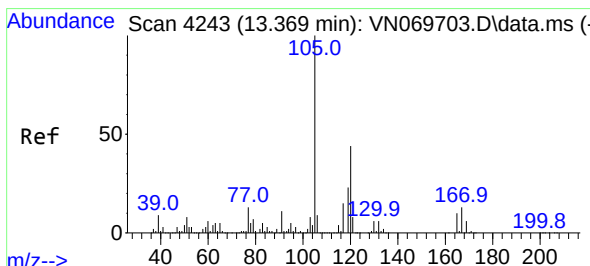
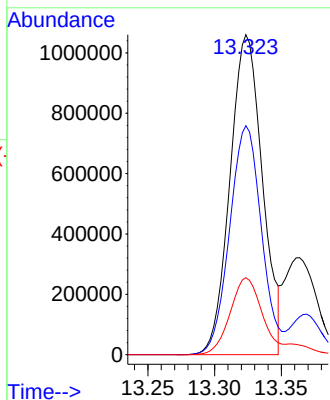
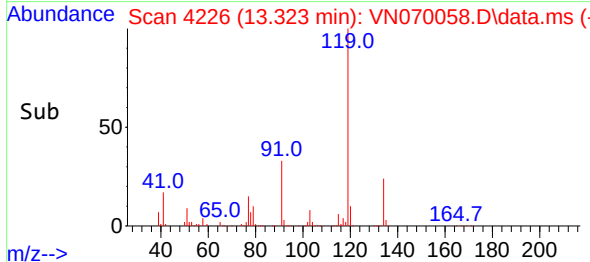
Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-07MS



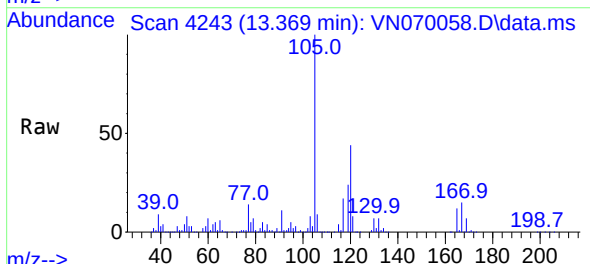
Tgt Ion:119 Resp: 179315
Ion Ratio Lower Upper
119 100
91 70.9 31.5 94.5
134 24.0 12.4 37.4

Manual Integrations
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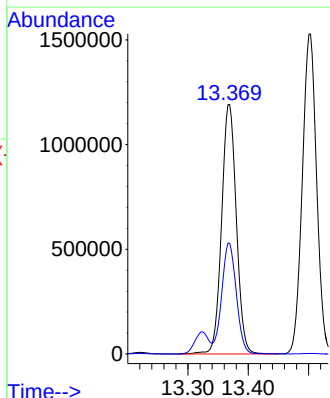
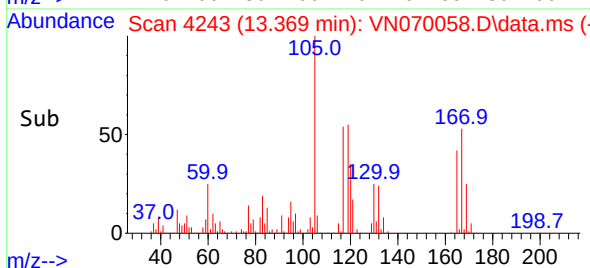
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021

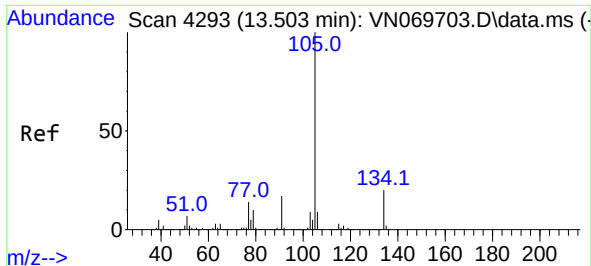


#84
1,2,4-Trimethylbenzene
Concen: 46.151 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. 0.000 min
Lab File: VN070058.D
Acq: 14 Dec 2021 3:32



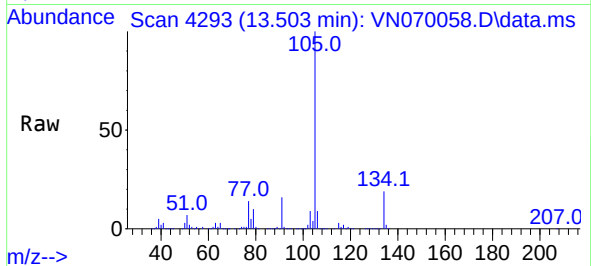
Tgt Ion:105 Resp: 2020195
Ion Ratio Lower Upper
105 100
120 44.0 22.8 68.4





#85
 sec-Butylbenzene
 Concen: 45.481 ug/l
 RT: 13.503 min Scan# 4293
 Delta R.T. 0.000 min
 Lab File: VN070058.D
 Acq: 14 Dec 2021 3:32

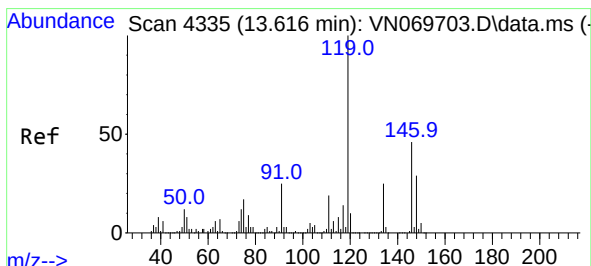
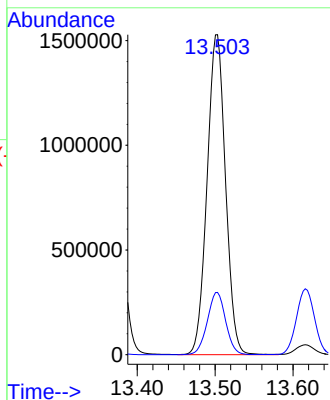
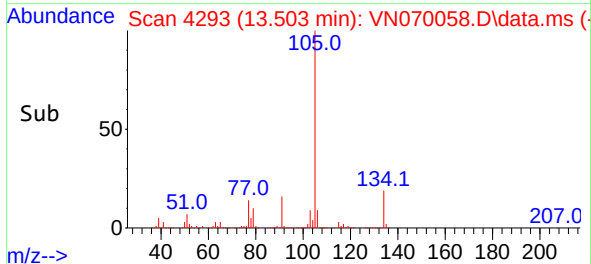
Instrument :
 MSVOA_N
 ClientSampleId :
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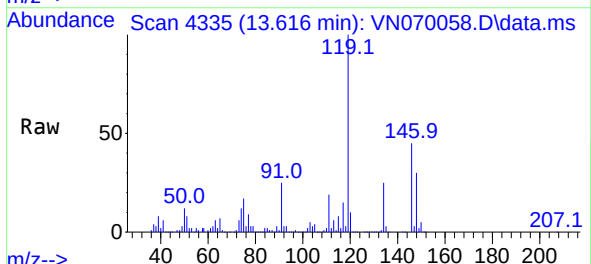
Tgt Ion:105 Resp: 251074
 Ion Ratio Lower Upper
 105 100
 134 19.4 10.4 31.1

Manual Integrations
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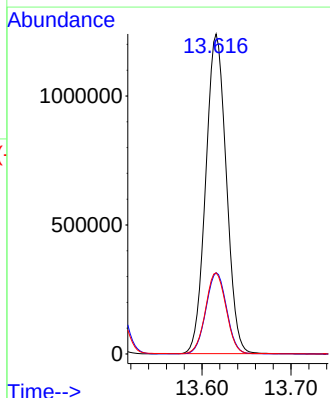
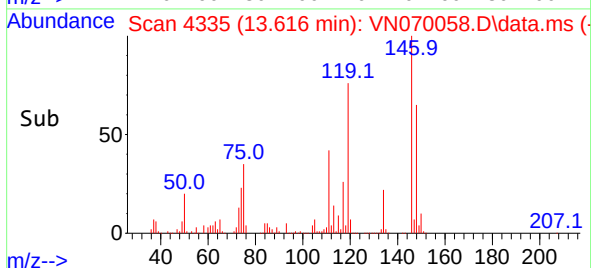
Reviewed By :John Carlone 12/14/2021
 Supervised By :Amit Patel 12/15/2021

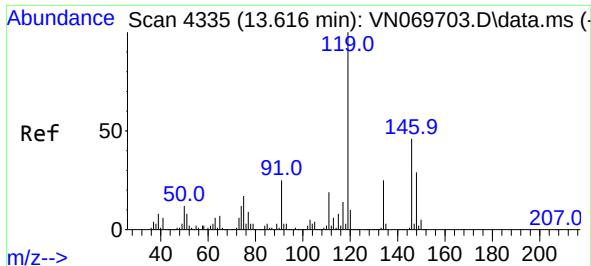


#86
 p-Isopropyltoluene
 Concen: 45.967 ug/l
 RT: 13.616 min Scan# 4335
 Delta R.T. 0.000 min
 Lab File: VN070058.D
 Acq: 14 Dec 2021 3:32



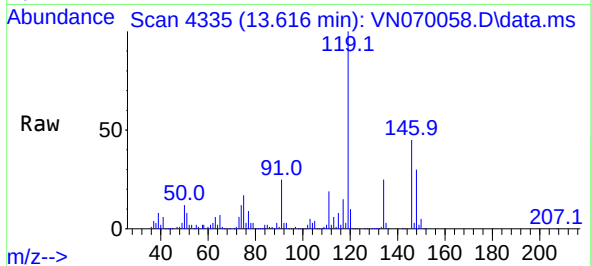
Tgt Ion:119 Resp: 1983545
 Ion Ratio Lower Upper
 119 100
 134 25.5 13.6 40.7
 91 25.3 11.4 34.1





#87
1,3-Dichlorobenzene
Concen: 44.531 ug/l
RT: 13.616 min Scan# 4335
Delta R.T. 0.000 min
Lab File: VN070058.D
Acq: 14 Dec 2021 3:32

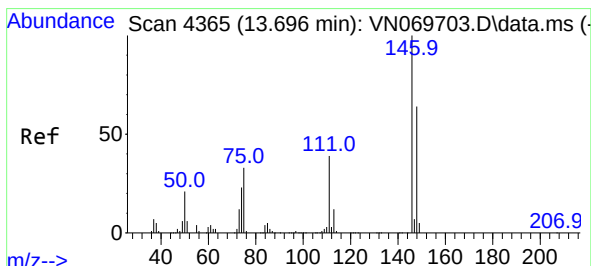
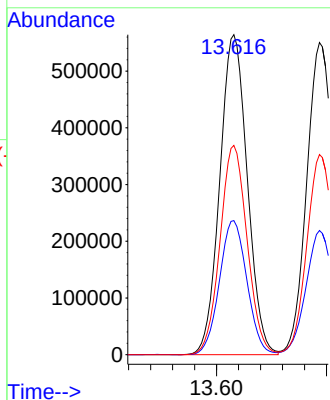
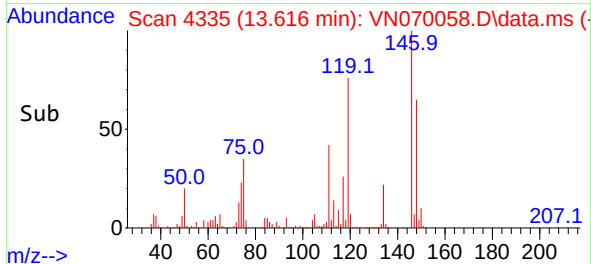
Instrument :
MSVOA_N
ClientSampleId :
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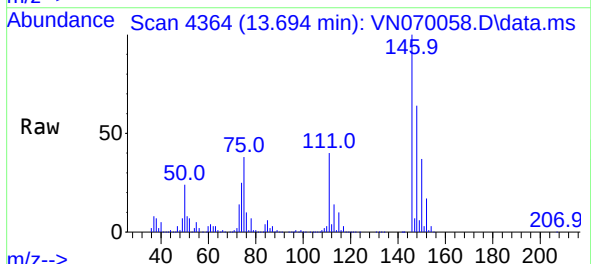
Tgt Ion:146 Resp: 981270
Ion Ratio Lower Upper
146 100
111 41.9 18.6 55.6
148 64.5 31.6 95.0

Manual Integrations
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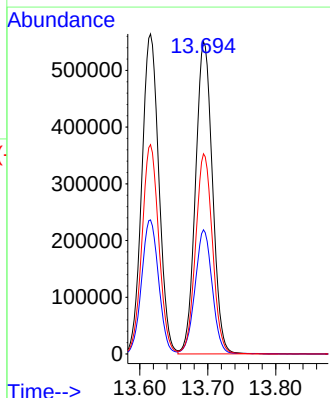
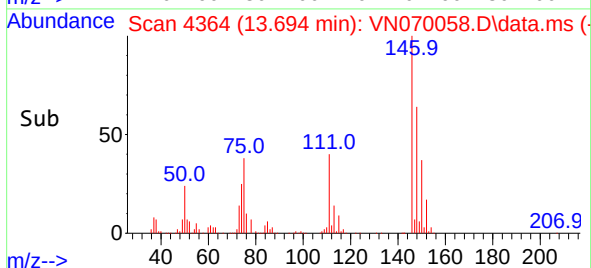
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021

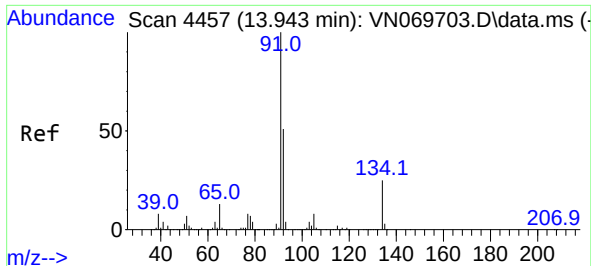


#88
1,4-Dichlorobenzene
Concen: 44.004 ug/l
RT: 13.694 min Scan# 4364
Delta R.T. -0.003 min
Lab File: VN070058.D
Acq: 14 Dec 2021 3:32



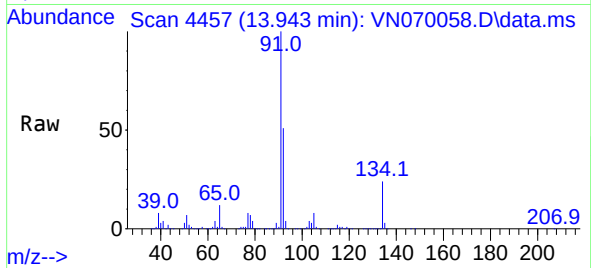
Tgt Ion:146 Resp: 952907
Ion Ratio Lower Upper
146 100
111 40.0 18.3 54.8
148 63.8 31.8 95.4





#89
n-Butylbenzene
Concen: 45.596 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. 0.000 min
Lab File: VN070058.D
Acq: 14 Dec 2021 3:32

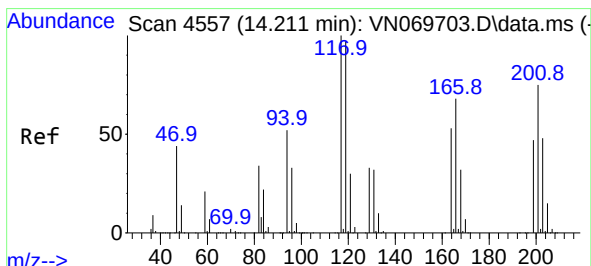
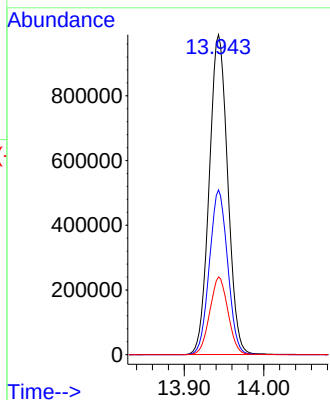
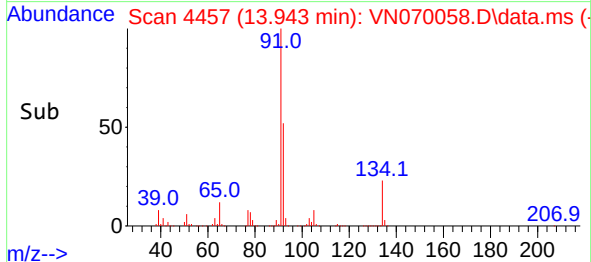
Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-07MS



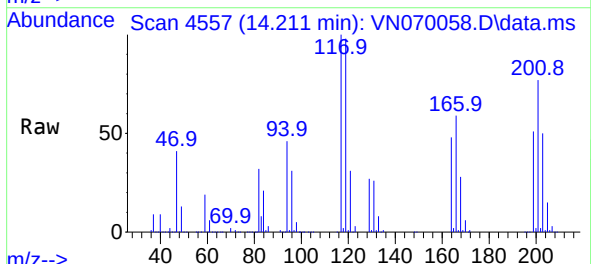
Tgt Ion: 91 Resp: 159603
Ion Ratio Lower Upper
91 100
92 50.9 25.4 76.0
134 24.0 13.6 40.8

Manual Integrations
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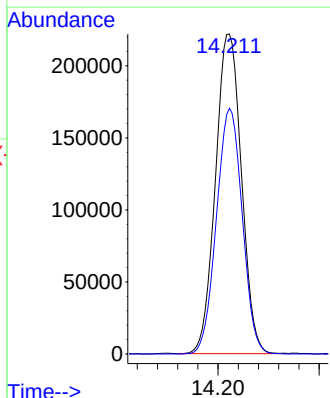
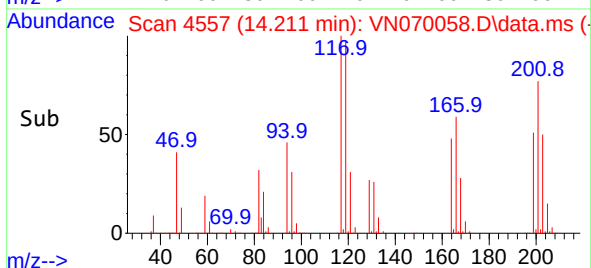
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021

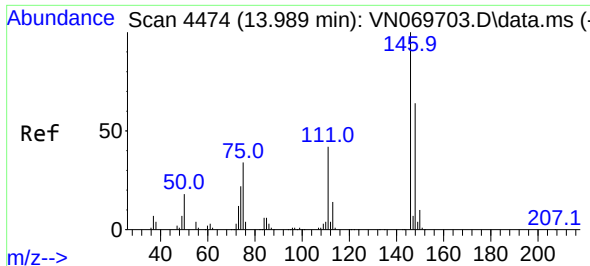


#90
Hexachloroethane
Concen: 52.233 ug/l
RT: 14.211 min Scan# 4557
Delta R.T. 0.000 min
Lab File: VN070058.D
Acq: 14 Dec 2021 3:32



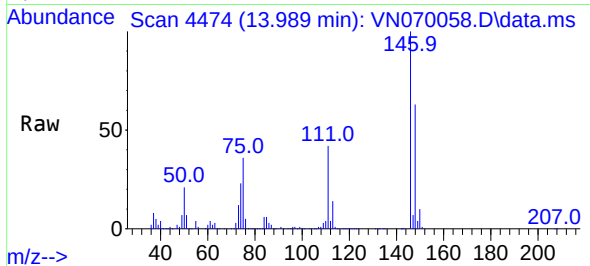
Tgt Ion:117 Resp: 395716
Ion Ratio Lower Upper
117 100
201 76.3 43.9 131.6





#91
1,2-Dichlorobenzene
Concen: 44.964 ug/l
RT: 13.989 min Scan# 4474
Delta R.T. 0.000 min
Lab File: VN070058.D
Acq: 14 Dec 2021 3:32

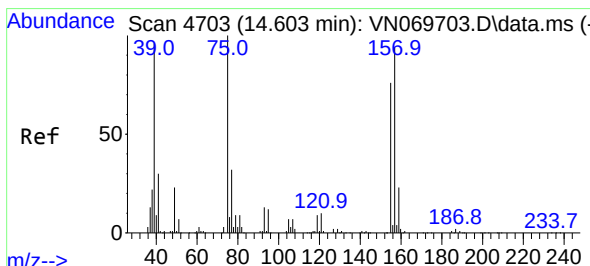
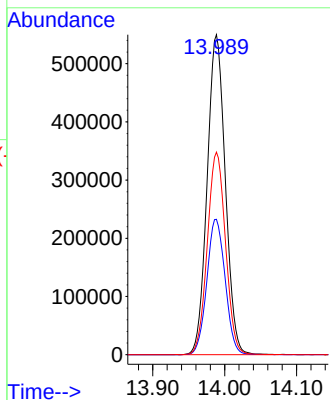
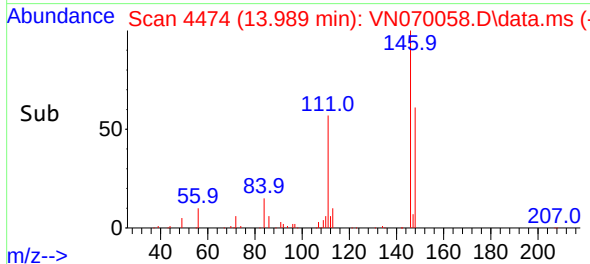
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MSVOA_N
ClientSampleId :
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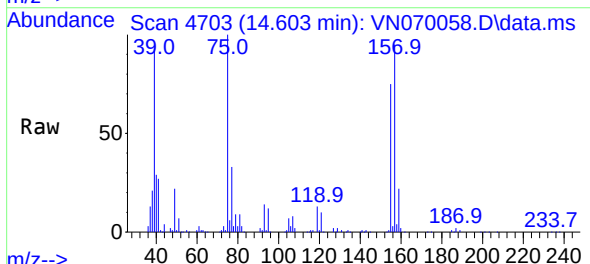
Tgt Ion:146 Resp: 96539
Ion Ratio Lower Upper
146 100
111 42.7 19.1 57.3
148 63.4 32.1 96.3

Manual Integrations
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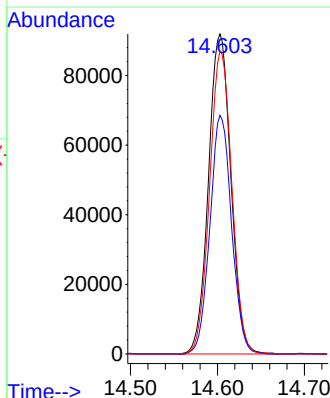
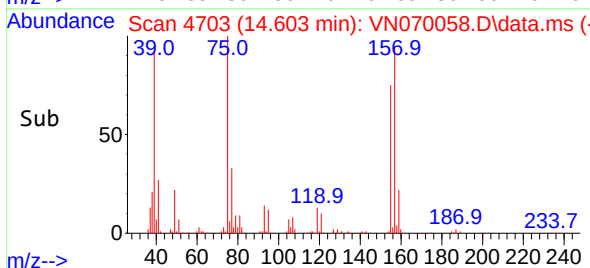
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021

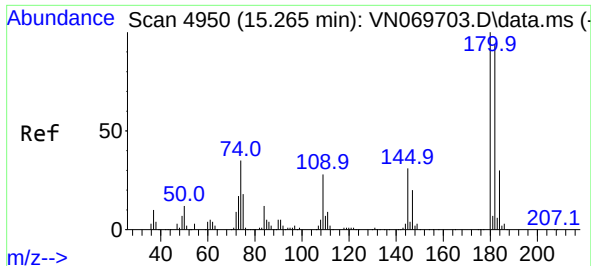


#92
1,2-Dibromo-3-Chloropropane
Concen: 46.171 ug/l
RT: 14.603 min Scan# 4703
Delta R.T. 0.000 min
Lab File: VN070058.D
Acq: 14 Dec 2021 3:32



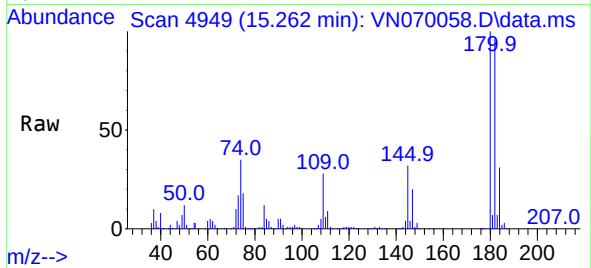
Tgt Ion: 75 Resp: 164754
Ion Ratio Lower Upper
75 100
155 72.0 46.9 140.7
157 93.8 60.6 181.7





#93
1,2,4-Trichlorobenzene
Concen: 40.865 ug/l
RT: 15.262 min Scan# 4950
Delta R.T. -0.003 min
Lab File: VN070058.D
Acq: 14 Dec 2021 3:32

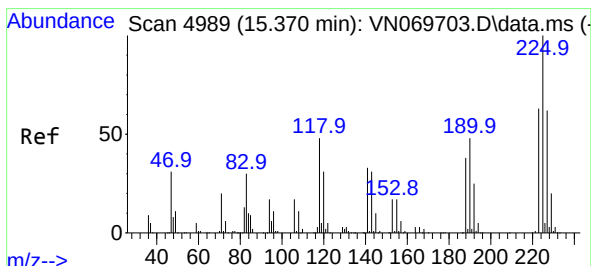
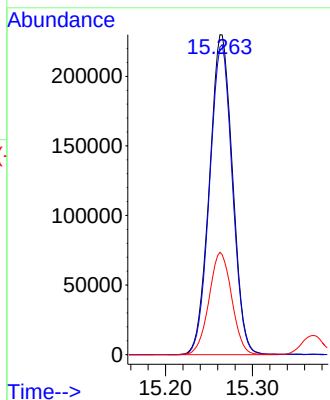
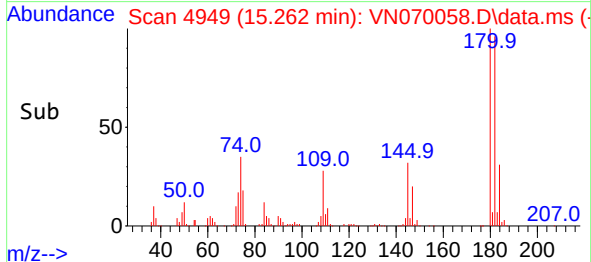
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ClientSampleId :
TOLL-MW-07MS



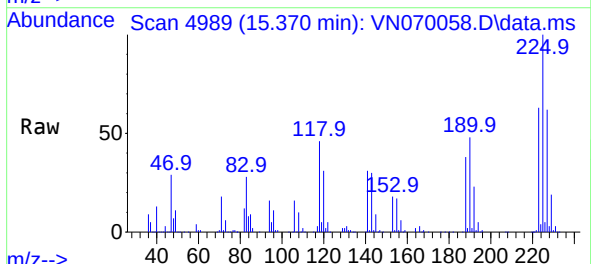
Tgt Ion:180 Resp: 42445
Ion Ratio Lower Upper
180 100
182 95.4 48.3 144.9
145 31.5 14.5 43.5

Manual Integrations
APPROVED

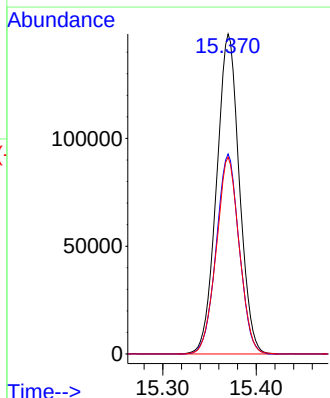
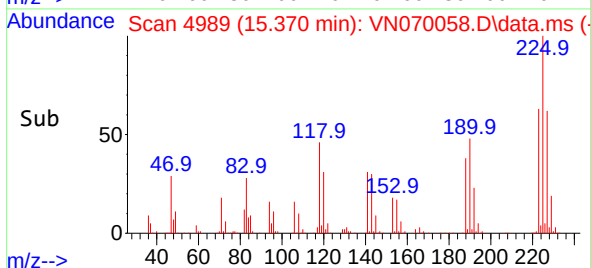
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021

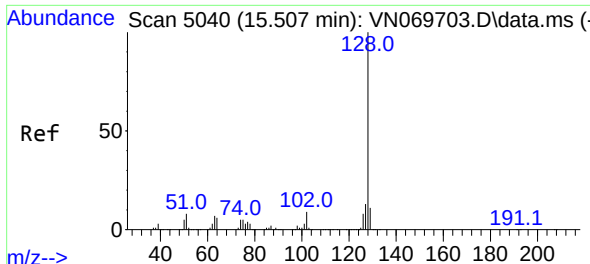


#94
Hexachlorobutadiene
Concen: 44.176 ug/l
RT: 15.370 min Scan# 4989
Delta R.T. 0.000 min
Lab File: VN070058.D
Acq: 14 Dec 2021 3:32



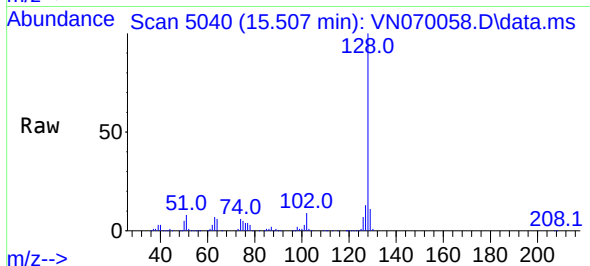
Tgt Ion:225 Resp: 251370
Ion Ratio Lower Upper
225 100
223 62.8 31.9 95.7
227 61.9 32.1 96.3





#95
Naphthalene
Concen: 37.564 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN070058.D
Acq: 14 Dec 2021 3:32

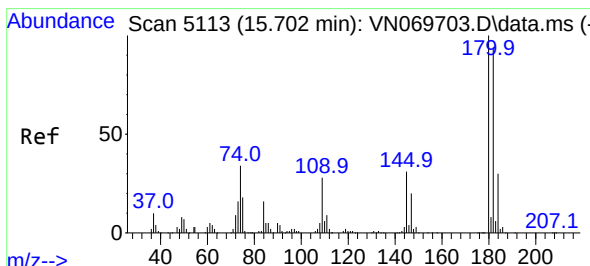
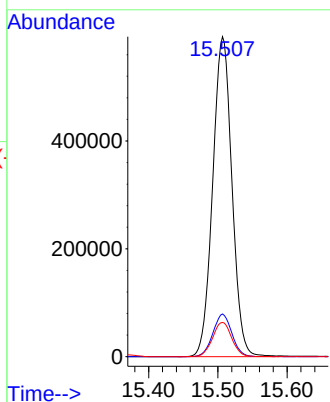
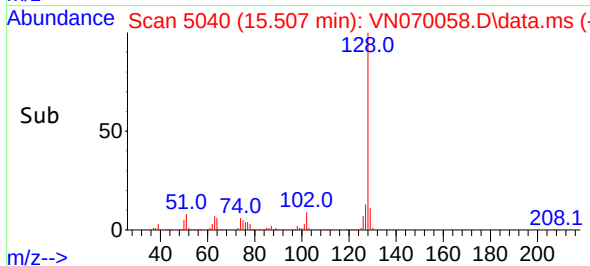
Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-07MS



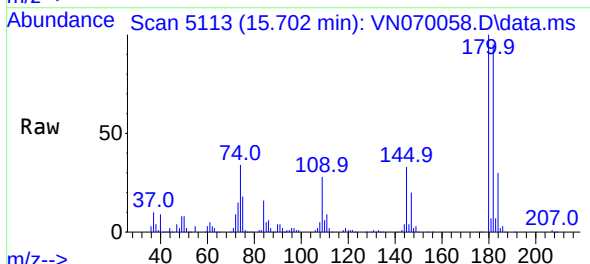
Tgt Ion:128 Resp: 114446
Ion Ratio Lower Upper
128 100
127 13.2 10.5 15.7
129 10.8 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021



#96
1,2,3-Trichlorobenzene
Concen: 41.740 ug/l
RT: 15.702 min Scan# 5113
Delta R.T. 0.000 min
Lab File: VN070058.D
Acq: 14 Dec 2021 3:32



Tgt Ion:180 Resp: 424027
Ion Ratio Lower Upper
180 100
182 94.3 47.4 142.2
145 32.8 15.0 45.1

