

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121321\
 Data File : VN070059.D
 Acq On : 14 Dec 2021 3:57
 Operator : JC/MD
 Sample : M5007-08MSD
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TOLL-MW-07MSD

Quant Time: Dec 14 07:31:45 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	927109	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1567772	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1481244	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	625451	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.437	65	689621	48.176	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	96.360%
35) Dibromofluoromethane	8.021	113	483111	49.196	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	98.400%
50) Toluene-d8	10.440	98	1858840	47.141	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	94.280%
62) 4-Bromofluorobenzene	12.731	95	680564	47.641	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	95.280%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.073	85	466521	43.143	ug/l	99
3) Chloromethane	2.303	50	570221	42.092	ug/l	97
4) Vinyl Chloride	2.448	62	548273	44.015	ug/l	99
5) Bromomethane	2.848	94	281507	41.597	ug/l	99
6) Chloroethane	3.017	64	322138	42.202	ug/l	98
7) Trichlorofluoromethane	3.376	101	706632	43.223	ug/l	99
8) Diethyl Ether	3.821	74	298417	47.393	ug/l	79
9) 1,1,2-Trichlorotrifluo...	4.210	101	427336	46.630	ug/l	95
10) Methyl Iodide	4.419	142	570892	45.600	ug/l	98
11) Tert butyl alcohol	5.379	59	461886	170.702	ug/l	99
12) 1,1-Dichloroethene	4.181	96	402874	45.620	ug/l	87
13) Acrolein	4.041	56	462913	200.897	ug/l	96
14) Allyl chloride	4.840	41	952330	47.857	ug/l	92
15) Acrylonitrile	5.554	53	1659483	227.602	ug/l	100
16) Acetone	4.288	43	1476031	171.415	ug/l	97
17) Carbon Disulfide	4.527	76	1102143	48.308	ug/l	99
18) Methyl Acetate	4.856	43	1082484	41.648	ug/l	91
19) Methyl tert-butyl Ether	5.618	73	1780608	51.856	ug/l	95
20) Methylene Chloride	5.095	84	510721	44.616	ug/l #	83
21) trans-1,2-Dichloroethene	5.599	96	441552	46.034	ug/l	85
22) Diisopropyl ether	6.498	45	1968713	50.616	ug/l #	94
23) Vinyl Acetate	6.433	43	7258145	229.373	ug/l #	94
24) 1,1-Dichloroethane	6.388	63	971738	48.230	ug/l	97
25) 2-Butanone	7.335	43	2363528	202.017	ug/l	91
26) 2,2-Dichloropropane	7.327	77	628066	40.093	ug/l	97
27) cis-1,2-Dichloroethene	7.327	96	550617	47.513	ug/l	86
28) Bromochloromethane	7.659	49	492304	46.988	ug/l #	76
29) Tetrahydrofuran	7.686	42	1562524	219.940	ug/l #	87
30) Chloroform	7.817	83	977039	48.016	ug/l	98
31) Cyclohexane	8.096	56	883083	44.329	ug/l	87
32) 1,1,1-Trichloroethane	8.016	97	825455	47.624	ug/l	94
36) 1,1-Dichloropropene	8.222	75	685333	45.919	ug/l	96
37) Ethyl Acetate	7.412	43	901378	40.578	ug/l	95
38) Carbon Tetrachloride	8.206	117	707840	48.365	ug/l	99
39) Methylcyclohexane	9.459	83	793304	44.687	ug/l	89
40) Benzene	8.461	78	2088908	45.790	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	483682	46.384	ug/l	88
42) 1,2-Dichloroethane	8.531	62	843155	45.785	ug/l	97
43) Isopropyl Acetate	8.560	43	1445807	43.982	ug/l #	94
44) Trichloroethene	9.217	130	487973	44.816	ug/l	93
45) 1,2-Dichloropropane	9.491	63	584888	47.745	ug/l	99
46) Dibromomethane	9.577	93	373042	46.432	ug/l	93
47) Bromodichloromethane	9.762	83	797789	52.446	ug/l	99
48) Methyl methacrylate	9.561	41	717205	46.751	ug/l	83
49) 1,4-Dioxane	9.569	88	189694	689.144	ug/l #	82
51) 4-Methyl-2-Pentanone	10.330	43	4923210	230.863	ug/l	95
52) Toluene	10.505	92	1287416	46.225	ug/l	99
53) t-1,3-Dichloropropene	10.719	75	787584	43.430	ug/l	99
54) cis-1,3-Dichloropropene	10.188	75	840783	44.030	ug/l #	89
55) 1,1,2-Trichloroethane	10.899	97	531503	47.298	ug/l	98
56) Ethyl methacrylate	10.759	69	879779	41.881	ug/l #	87
57) 1,3-Dichloropropane	11.044	76	931994	47.102	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.062	63	470	18.465	ug/l #	45
59) 2-Hexanone	11.084	43	3488503	216.249	ug/l	92
60) Dibromochloromethane	11.237	129	576649	47.993	ug/l	100
61) 1,2-Dibromoethane	11.347	107	535545	46.012	ug/l	100
64) Tetrachloroethene	10.977	164	404430	40.266	ug/l	94
65) Chlorobenzene	11.771	112	1356158	45.130	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.840	131	520209	49.185	ug/l	99
67) Ethyl Benzene	11.843	91	2547541	46.671	ug/l	96
68) m/p-Xylenes	11.953	106	1836085	92.382	ug/l	91
69) o-Xylene	12.280	106	926508	46.280	ug/l	92
70) Styrene	12.294	104	1518792	47.844	ug/l	95
71) Bromoform	12.457	173	438743	48.582	ug/l #	100
73) Isopropylbenzene	12.578	105	2427639	43.625	ug/l	98
74) N-amyl acetate	12.387	43	1023399	41.585	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.825	83	848747	44.107	ug/l	99
76) 1,2,3-Trichloropropane	12.878	75	758296m	42.277	ug/l	
77) Bromobenzene	12.859	156	567197	43.394	ug/l	79
78) n-propylbenzene	12.919	91	2781564	44.919	ug/l	95
79) 2-Chlorotoluene	13.007	91	1713972	43.805	ug/l	92
80) 1,3,5-Trimethylbenzene	13.058	105	1987678	44.378	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.623	75	227033	42.123	ug/l	95
82) 4-Chlorotoluene	13.104	91	1649970	44.840	ug/l	92
83) tert-Butylbenzene	13.323	119	1744425	43.984	ug/l	93
84) 1,2,4-Trimethylbenzene	13.366	105	1944784	45.592	ug/l	97
85) sec-Butylbenzene	13.500	105	2412792	44.851	ug/l	97
86) p-Isopropyltoluene	13.616	119	1907705	45.368	ug/l	96
87) 1,3-Dichlorobenzene	13.616	146	946095	44.059	ug/l	97
88) 1,4-Dichlorobenzene	13.694	146	916346	43.424	ug/l	97
89) n-Butylbenzene	13.943	91	1554399	45.570	ug/l	97
90) Hexachloroethane	14.209	117	382845	51.858	ug/l	88
91) 1,2-Dichlorobenzene	13.989	146	924969	44.209	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.603	75	157865	45.400	ug/l	78
93) 1,2,4-Trichlorobenzene	15.263	180	432929	42.639	ug/l	97
94) Hexachlorobutadiene	15.370	225	240818	43.430	ug/l	99
95) Naphthalene	15.507	128	1214888	40.564	ug/l	100
96) 1,2,3-Trichlorobenzene	15.700	180	428876	43.231	ug/l	99

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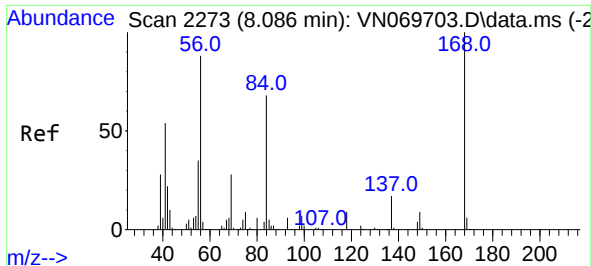
Manual Integrations
APPROVED

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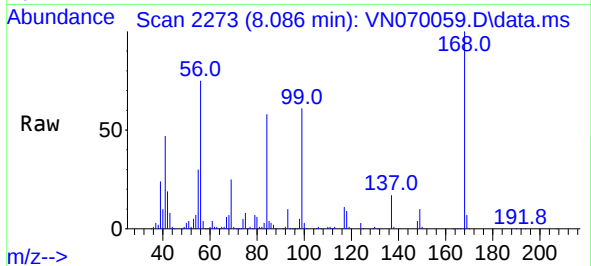
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
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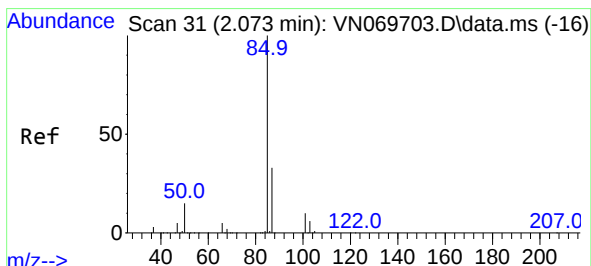
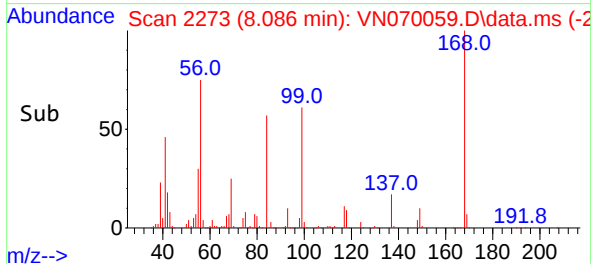
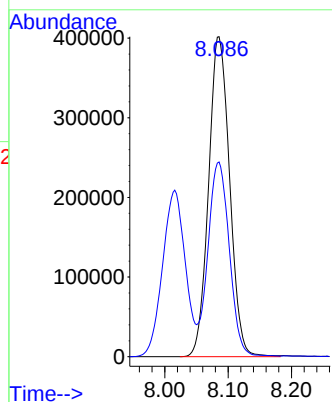
Instrument :
MSVOA_N
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Tgt Ion:168 Resp: 927109
Ion Ratio Lower Upper
168 100
99 60.7 41.3 61.9

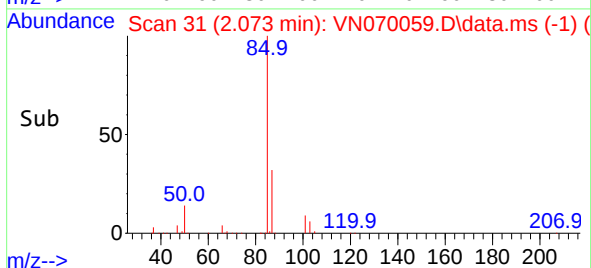
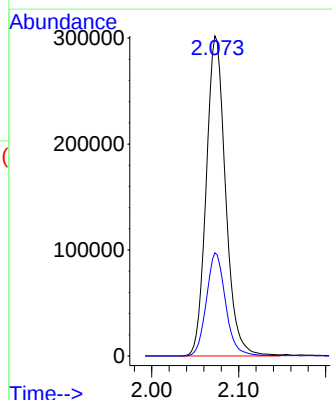
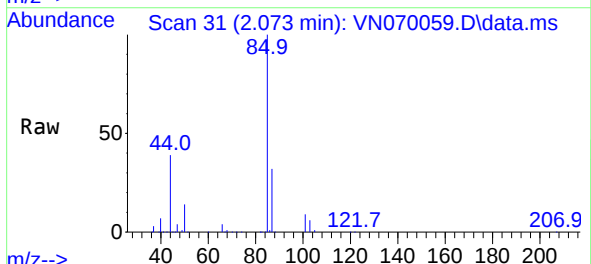
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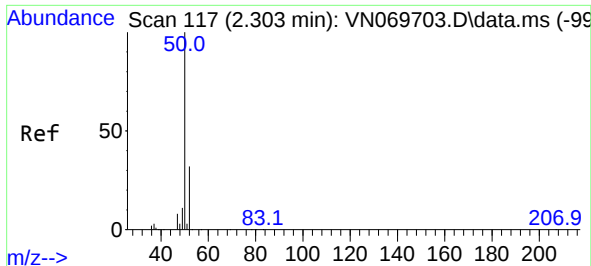
Reviewed By :John Carlone 12/14/2021
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#2
Dichlorodifluoromethane
Concen: 43.143 ug/l
RT: 2.073 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN070059.D
Acq: 14 Dec 2021 3:57

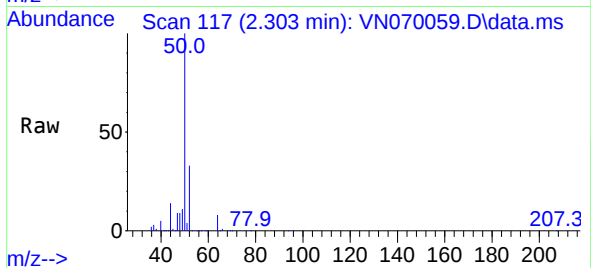
Tgt Ion: 85 Resp: 466521
Ion Ratio Lower Upper
85 100
87 32.3 16.3 48.9





#3
Chloromethane
Concen: 42.092 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN070059.D
Acq: 14 Dec 2021 3:57

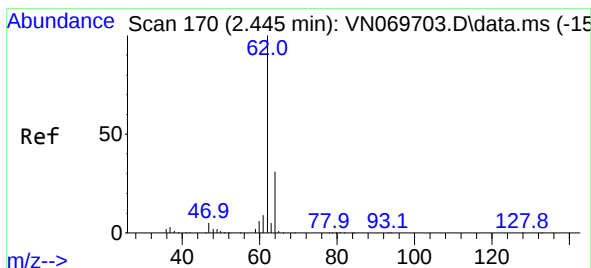
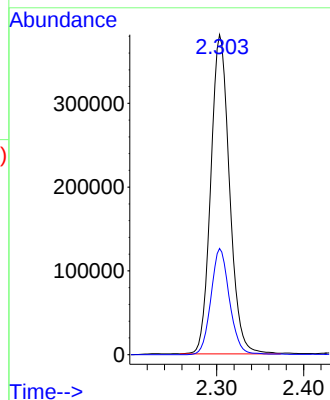
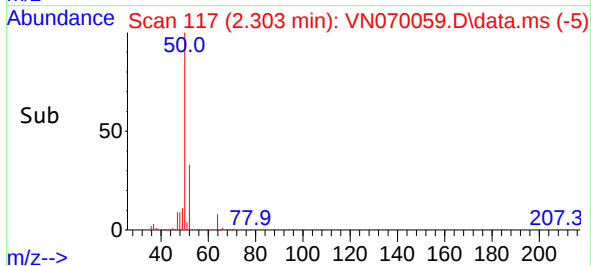
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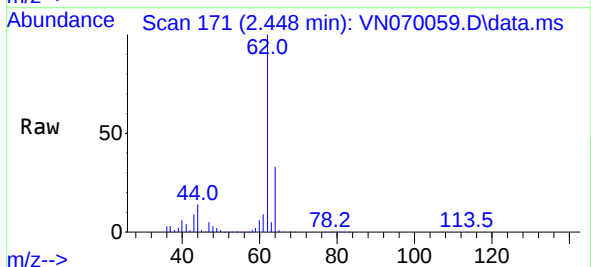
Tgt Ion: 50 Resp: 57022
Ion Ratio Lower Upper
50 100
52 33.3 25.4 38.0

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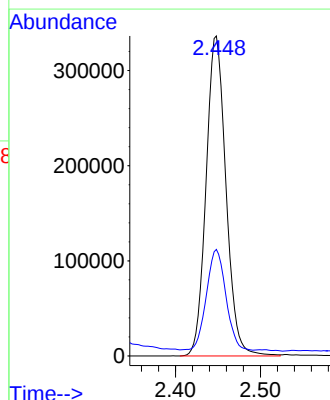
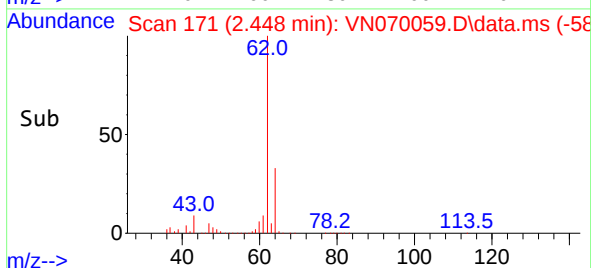
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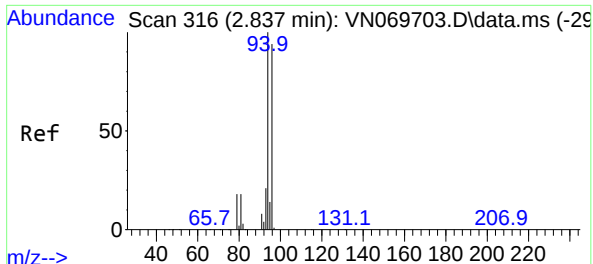


#4
Vinyl Chloride
Concen: 44.015 ug/l
RT: 2.448 min Scan# 171
Delta R.T. 0.003 min
Lab File: VN070059.D
Acq: 14 Dec 2021 3:57



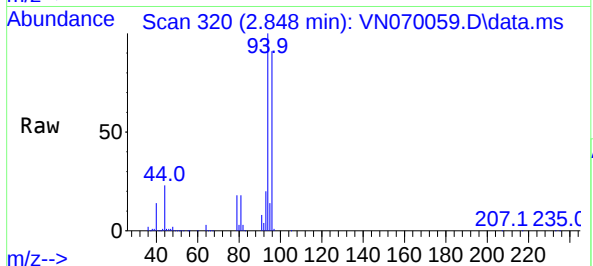
Tgt Ion: 62 Resp: 548273
Ion Ratio Lower Upper
62 100
64 31.7 25.8 38.6





#5
Bromomethane
Concen: 41.597 ug/l
RT: 2.848 min Scan# 316
Delta R.T. 0.011 min
Lab File: VN070059.D
Acq: 14 Dec 2021 3:57

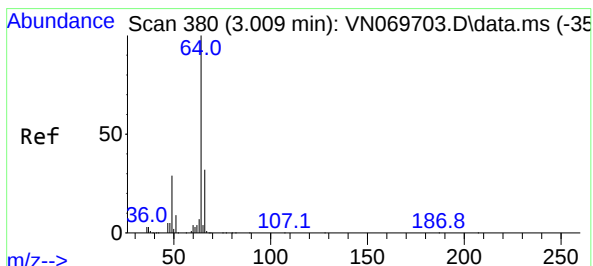
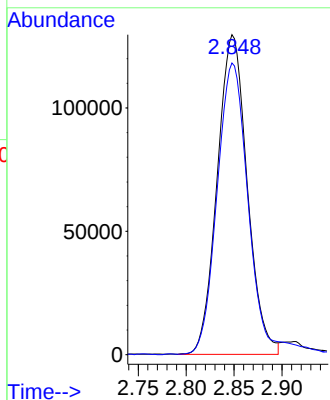
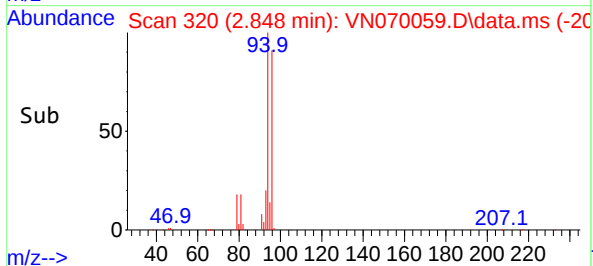
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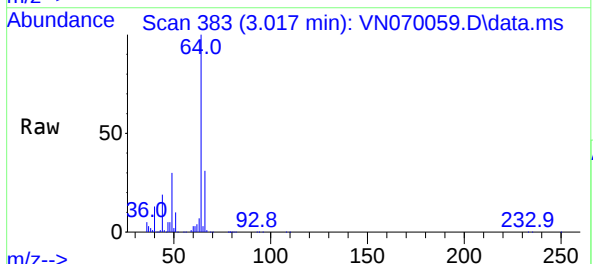
Tgt Ion: 94 Resp: 28150
Ion Ratio Lower Upper
94 100
96 91.1 73.8 110.8

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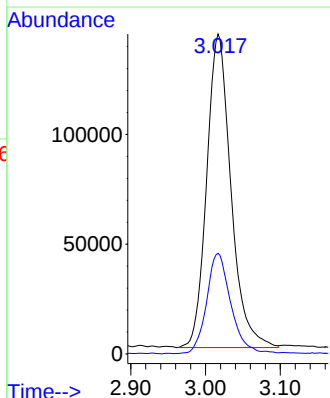
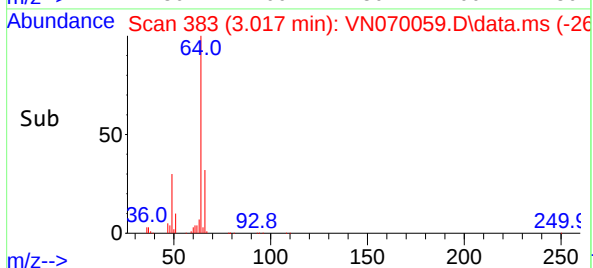
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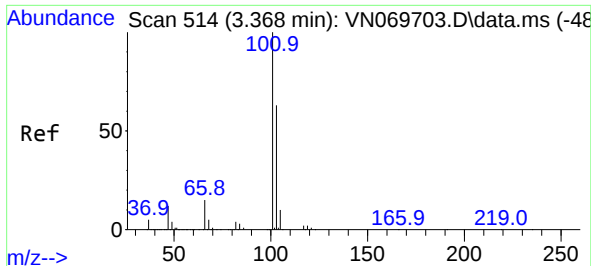


#6
Chloroethane
Concen: 42.202 ug/l
RT: 3.017 min Scan# 383
Delta R.T. 0.008 min
Lab File: VN070059.D
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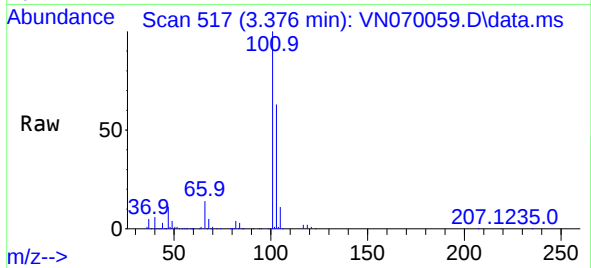
Tgt Ion: 64 Resp: 322138
Ion Ratio Lower Upper
64 100
66 31.9 26.3 39.5





#7
Trichlorofluoromethane
Concen: 43.223 ug/l
RT: 3.376 min Scan# 514
Delta R.T. 0.008 min
Lab File: VN070059.D
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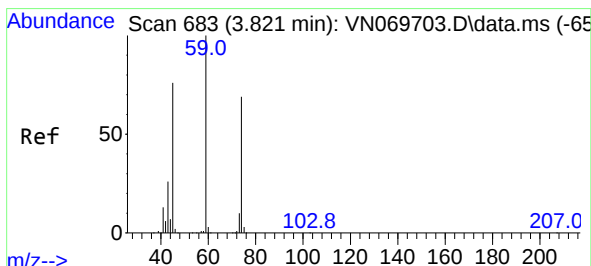
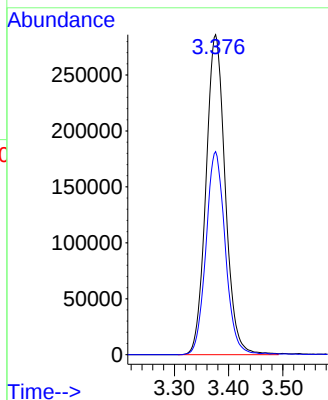
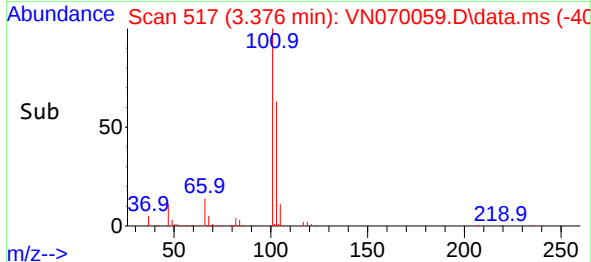
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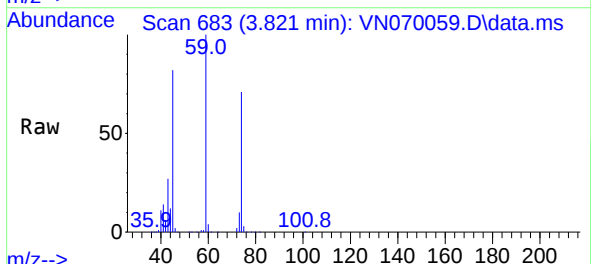
Tgt Ion:101 Resp: 706632
Ion Ratio Lower Upper
101 100
103 63.5 50.1 75.1

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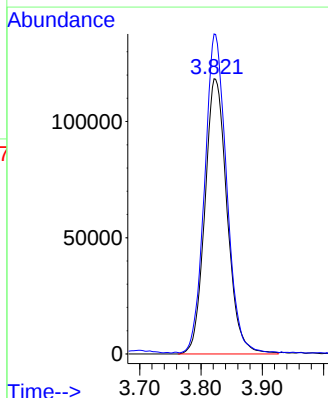
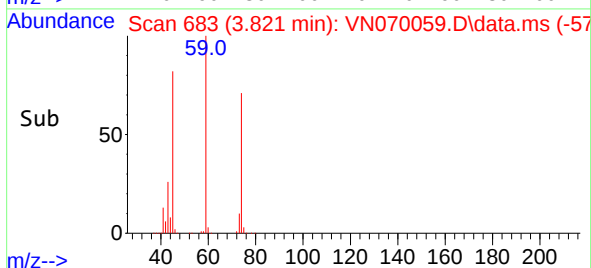
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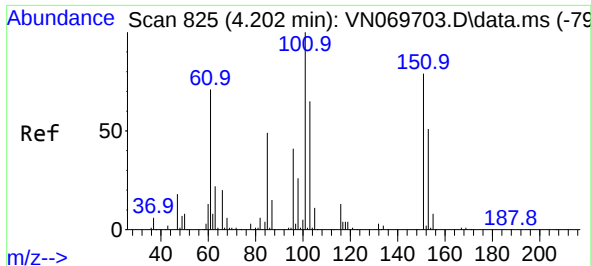


#8
Diethyl Ether
Concen: 47.393 ug/l
RT: 3.821 min Scan# 683
Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 298417
Ion Ratio Lower Upper
74 100
45 114.0 47.0 141.2





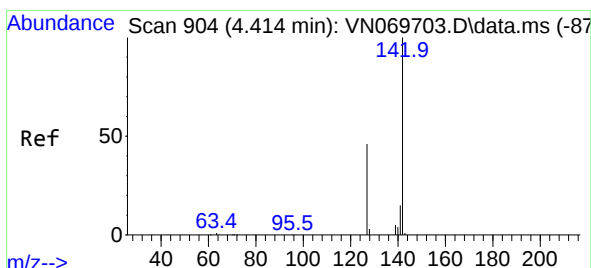
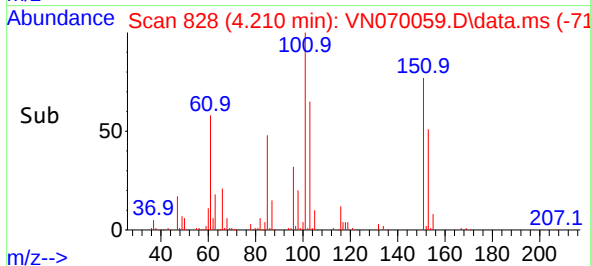
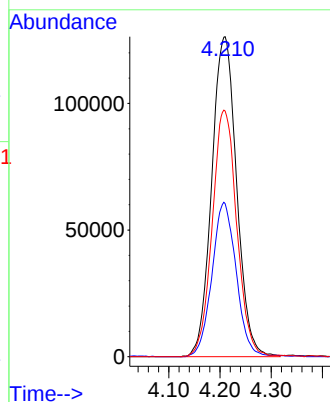
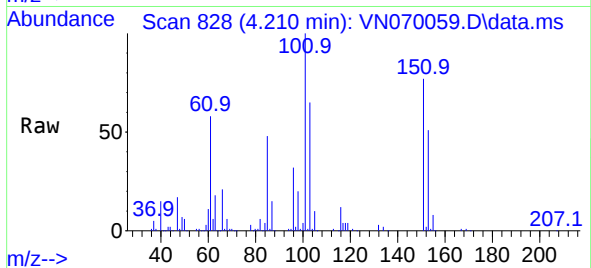
#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.630 ug/l
RT: 4.210 min Scan# 81
Delta R.T. 0.008 min
Lab File: VN070059.D
Acq: 14 Dec 2021 3:57

Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-07MSD

Tgt Ion:101 Resp: 427330
Ion Ratio Lower Upper
101 100
85 46.8 37.2 55.8
151 75.8 65.9 98.9

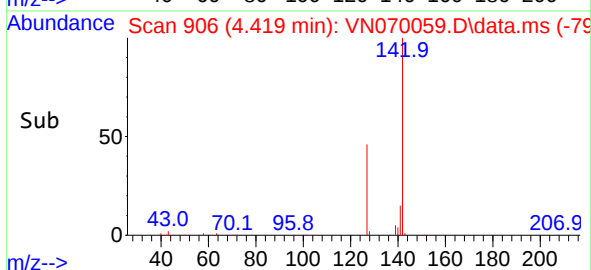
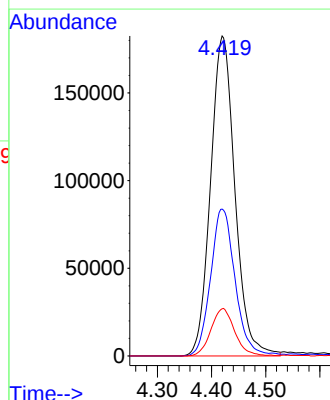
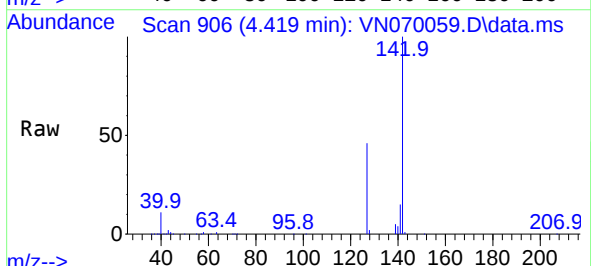
Manual Integrations
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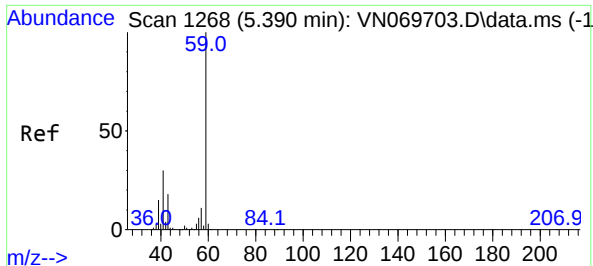
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021



#10
Methyl Iodide
Concen: 45.600 ug/l
RT: 4.419 min Scan# 906
Delta R.T. 0.005 min
Lab File: VN070059.D
Acq: 14 Dec 2021 3:57

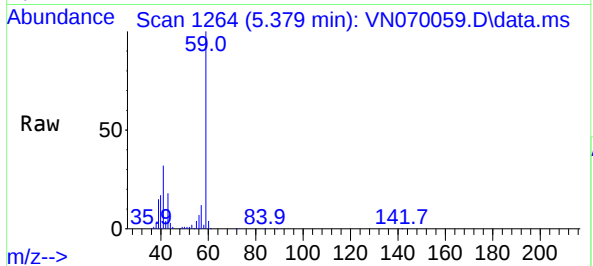
Tgt Ion:142 Resp: 570892
Ion Ratio Lower Upper
142 100
127 45.9 35.4 53.0
141 14.4 11.6 17.4





#11
Tert butyl alcohol
Concen: 170.702 ug/l
RT: 5.379 min Scan# 11
Delta R.T. -0.011 min
Lab File: VN070059.D
Acq: 14 Dec 2021 3:57

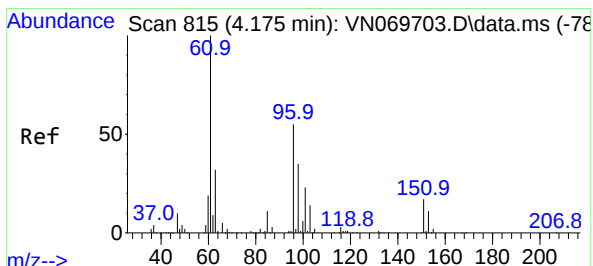
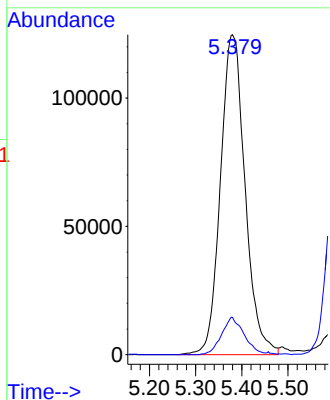
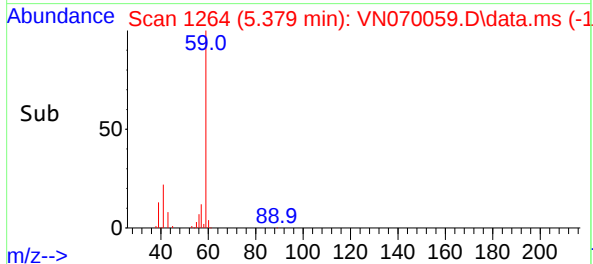
Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-07MSD



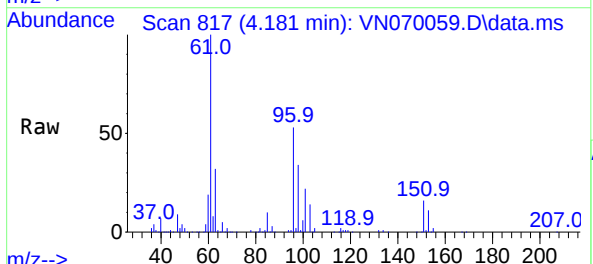
Tgt Ion: 59 Resp: 461880
Ion Ratio Lower Upper
59 100
57 10.7 8.7 13.1

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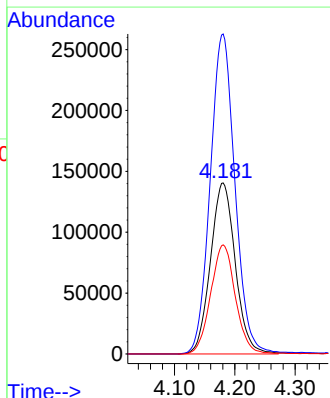
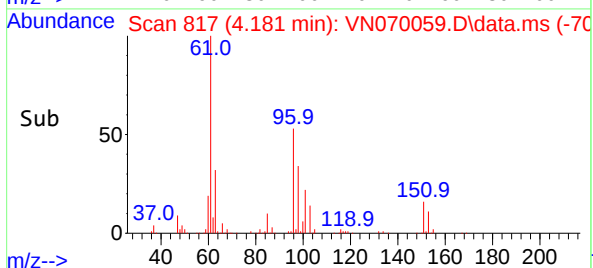
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021



#12
1,1-Dichloroethene
Concen: 45.620 ug/l
RT: 4.181 min Scan# 817
Delta R.T. 0.005 min
Lab File: VN070059.D
Acq: 14 Dec 2021 3:57



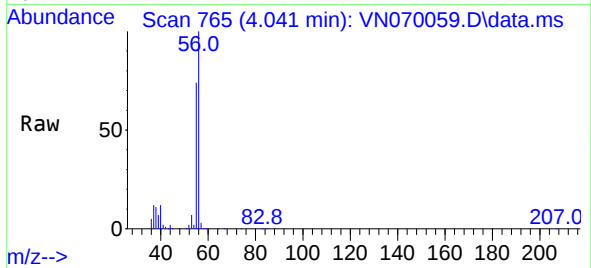
Tgt Ion: 96 Resp: 402874
Ion Ratio Lower Upper
96 100
61 187.1 131.0 196.6
98 63.8 52.4 78.6





#13
Acrolein
Concen: 200.897 ug/l
RT: 4.041 min Scan# 70
Delta R.T. 0.003 min
Lab File: VN070059.D
Acq: 14 Dec 2021 3:57

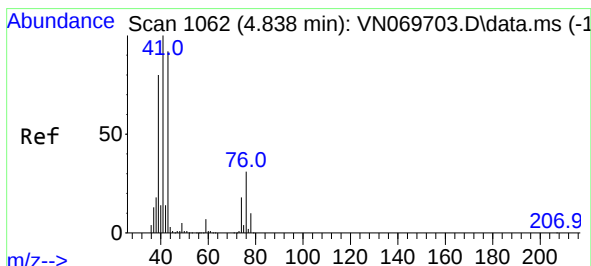
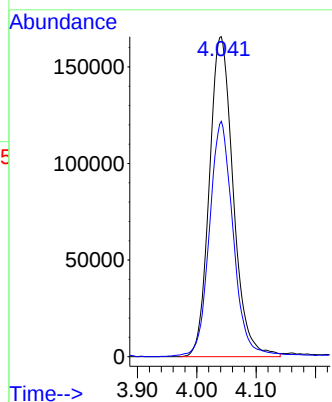
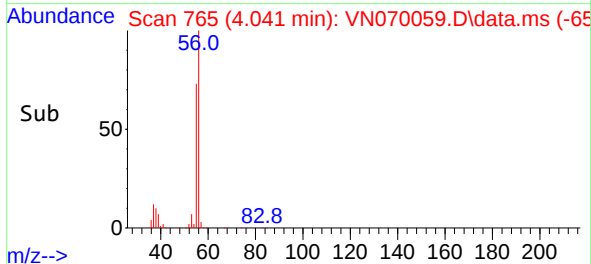
Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-07MSD



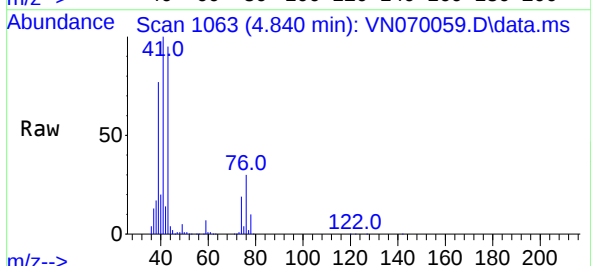
Tgt Ion: 56 Resp: 46291
Ion Ratio Lower Upper
56 100
55 73.9 56.6 85.0

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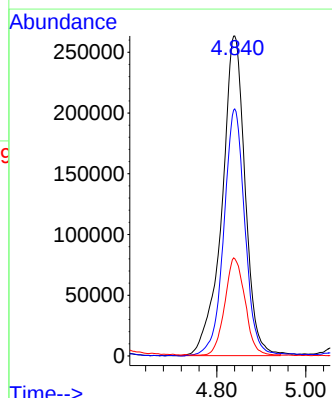
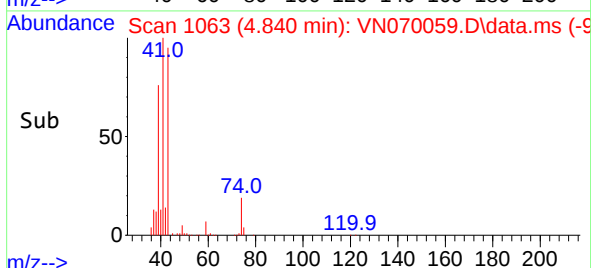
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021

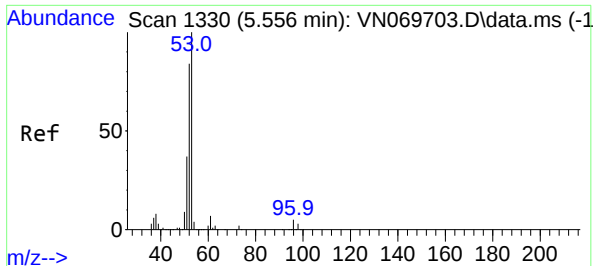


#14
Allyl chloride
Concen: 47.857 ug/l
RT: 4.840 min Scan# 1063
Delta R.T. 0.003 min
Lab File: VN070059.D
Acq: 14 Dec 2021 3:57



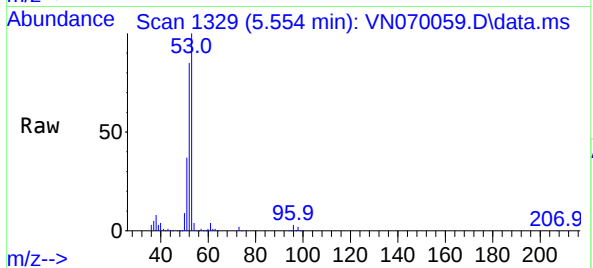
Tgt Ion: 41 Resp: 952330
Ion Ratio Lower Upper
41 100
39 70.3 61.2 91.8
76 26.4 26.0 39.0





#15
Acrylonitrile
Concen: 227.602 ug/l
RT: 5.554 min Scan# 11
Delta R.T. -0.003 min
Lab File: VN070059.D
Acq: 14 Dec 2021 3:57

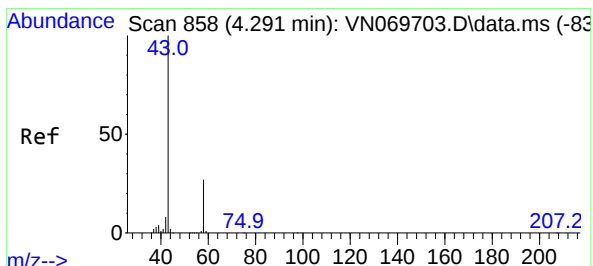
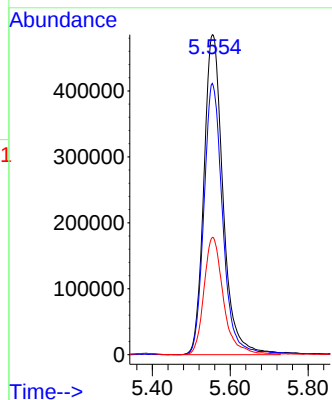
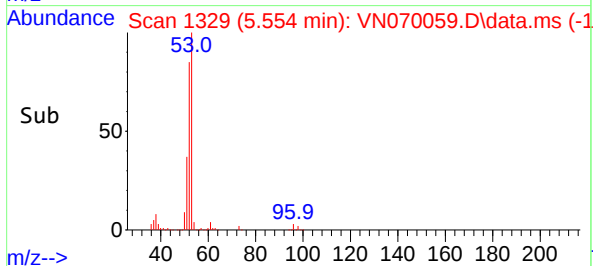
Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-07MSD



Tgt Ion: 53 Resp: 165948
Ion Ratio Lower Upper
53 100
52 82.3 66.2 99.2
51 37.1 29.6 44.4

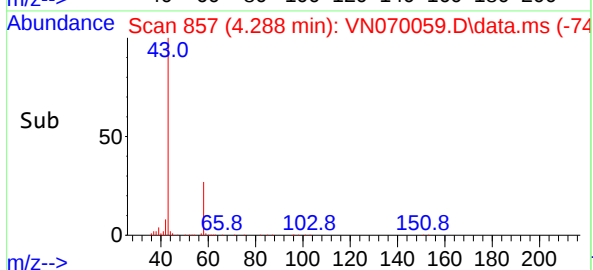
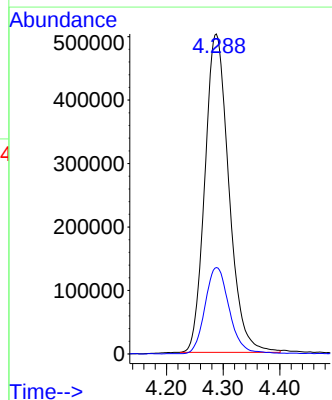
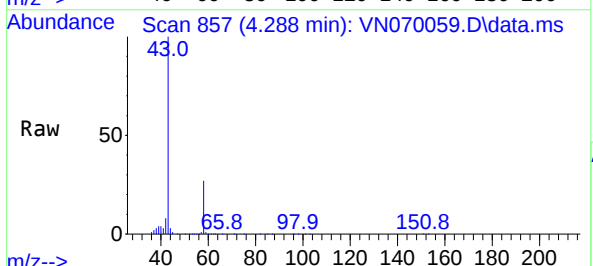
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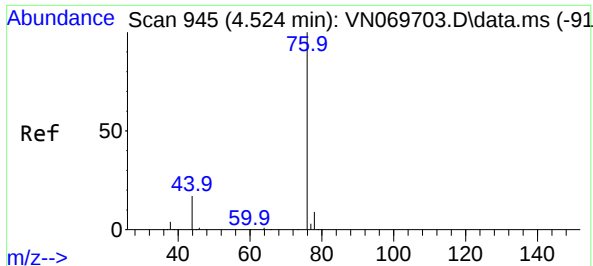
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021



#16
Acetone
Concen: 171.415 ug/l
RT: 4.288 min Scan# 857
Delta R.T. -0.003 min
Lab File: VN070059.D
Acq: 14 Dec 2021 3:57

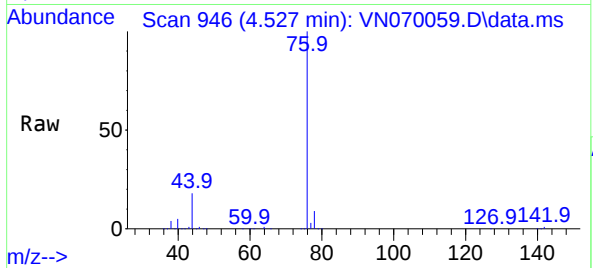
Tgt Ion: 43 Resp: 1476031
Ion Ratio Lower Upper
43 100
58 27.1 23.1 34.7





#17
Carbon Disulfide
Concen: 48.308 ug/l
RT: 4.527 min Scan# 945
Delta R.T. 0.003 min
Lab File: VN070059.D
Acq: 14 Dec 2021 3:57

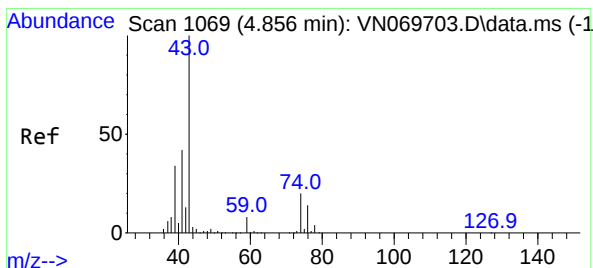
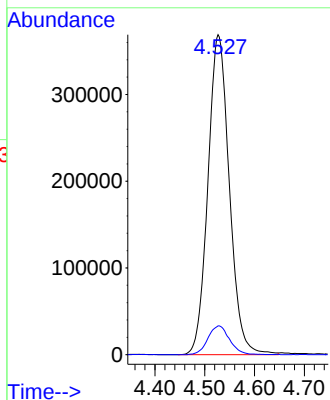
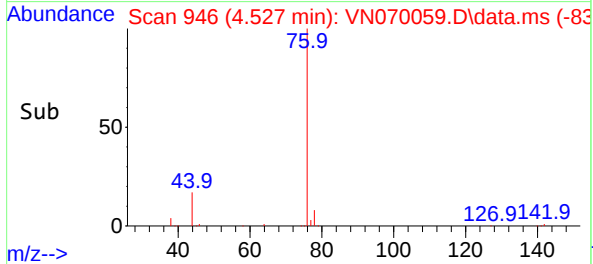
Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-07MSD



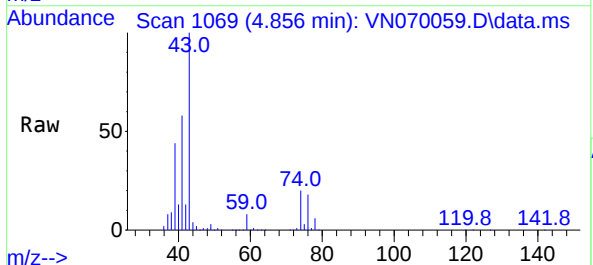
Tgt Ion: 76 Resp: 110214
Ion Ratio Lower Upper
76 100
78 9.0 7.5 11.3

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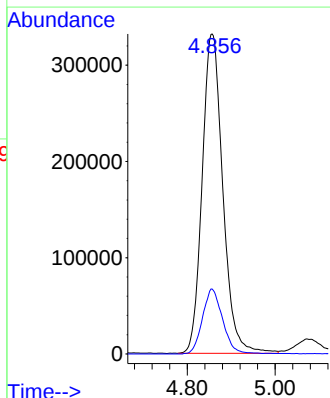
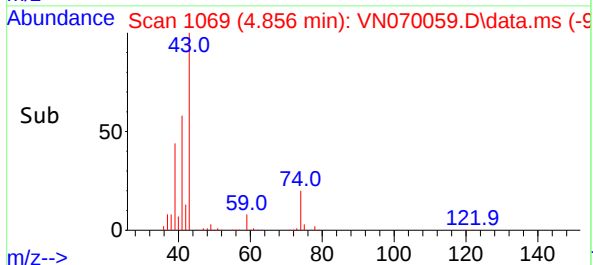
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021

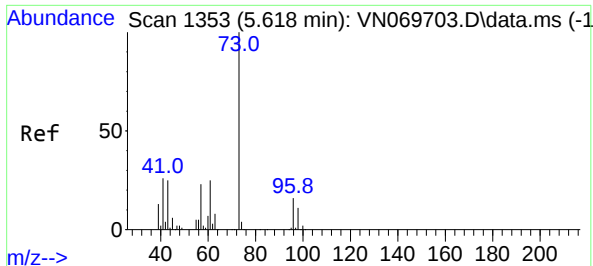


#18
Methyl Acetate
Concen: 41.648 ug/l
RT: 4.856 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VN070059.D
Acq: 14 Dec 2021 3:57



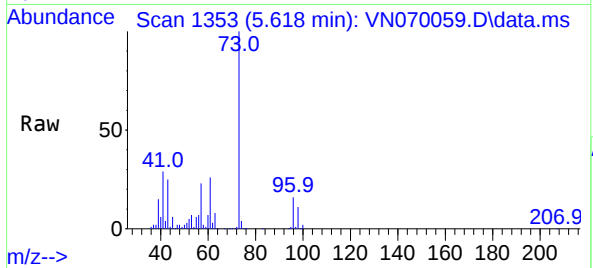
Tgt Ion: 43 Resp: 1082484
Ion Ratio Lower Upper
43 100
74 19.9 19.4 29.2





#19
Methyl tert-butyl Ether
Concen: 51.856 ug/l
RT: 5.618 min Scan# 1157
Delta R.T. 0.000 min
Lab File: VN070059.D
Acq: 14 Dec 2021 3:57

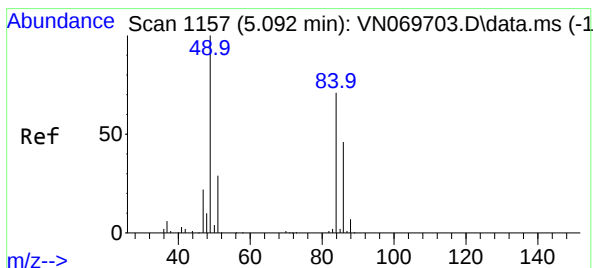
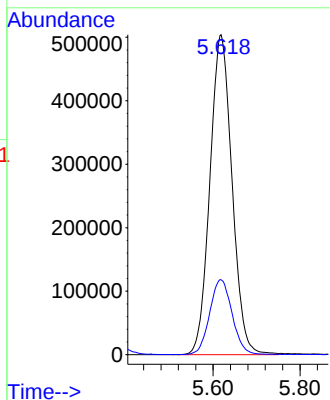
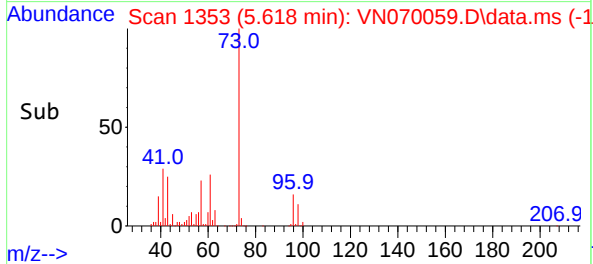
Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-07MSD



Tgt Ion: 73 Resp: 178060
Ion Ratio Lower Upper
73 100
57 23.4 16.8 25.2

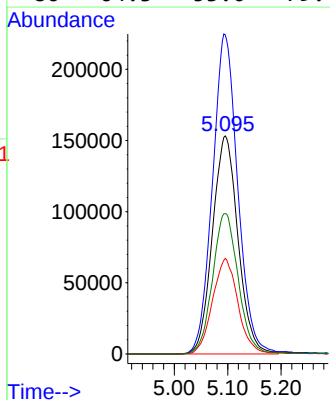
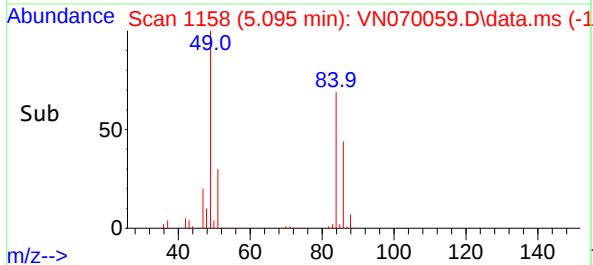
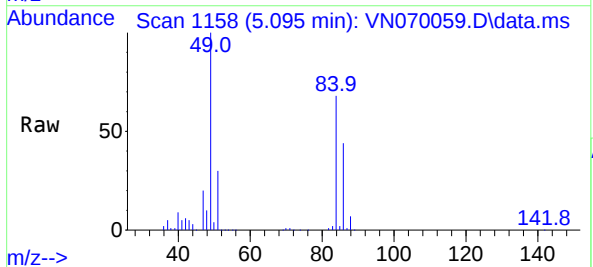
Manual Integrations
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Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021



#20
Methylene Chloride
Concen: 44.616 ug/l
RT: 5.095 min Scan# 1158
Delta R.T. 0.003 min
Lab File: VN070059.D
Acq: 14 Dec 2021 3:57

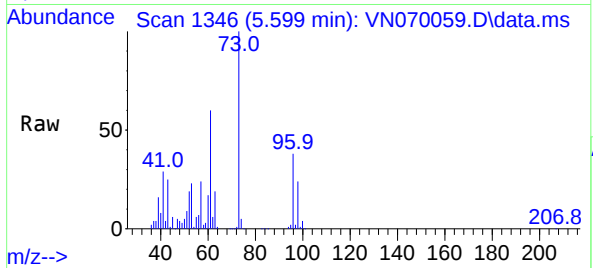
Tgt Ion: 84 Resp: 510721
Ion Ratio Lower Upper
84 100
49 146.4 93.5 140.3#
51 43.8 29.4 44.2
86 64.3 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 46.034 ug/l
RT: 5.599 min Scan# 11
Delta R.T. 0.005 min
Lab File: VN070059.D
Acq: 14 Dec 2021 3:57

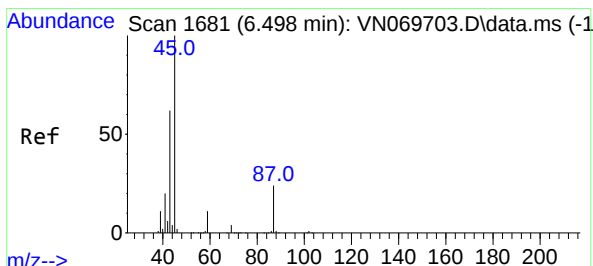
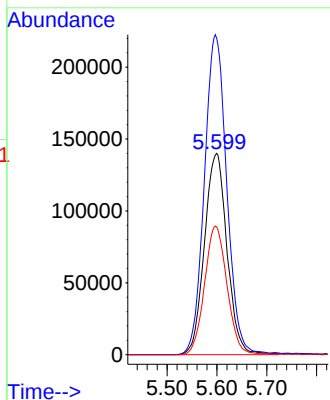
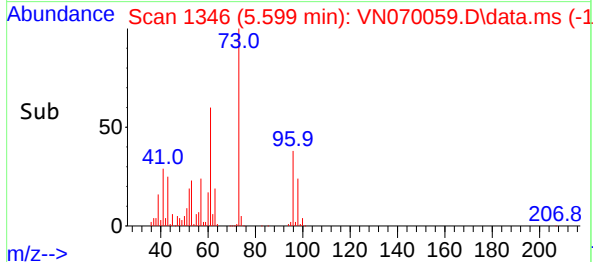
Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-07MSD



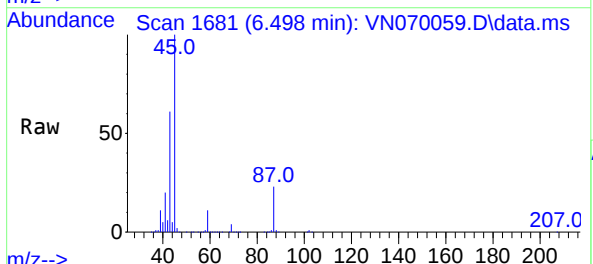
Tgt Ion: 96 Resp: 441552
Ion Ratio Lower Upper
96 100
61 156.9 105.8 158.6
98 63.4 52.0 78.0

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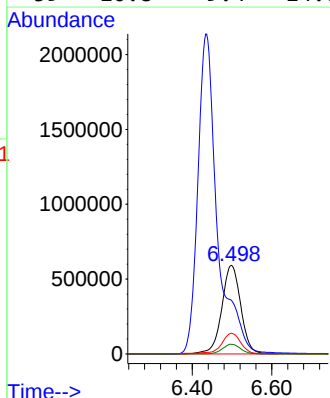
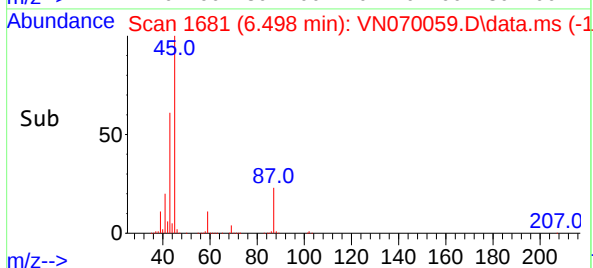
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021

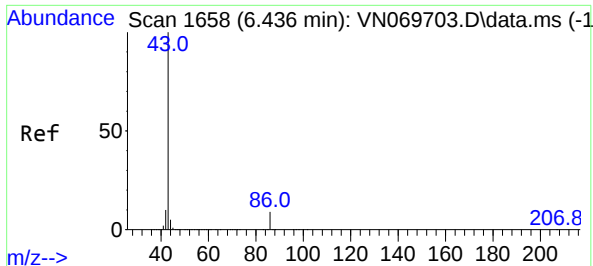


#22
Diisopropyl ether
Concen: 50.616 ug/l
RT: 6.498 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VN070059.D
Acq: 14 Dec 2021 3:57



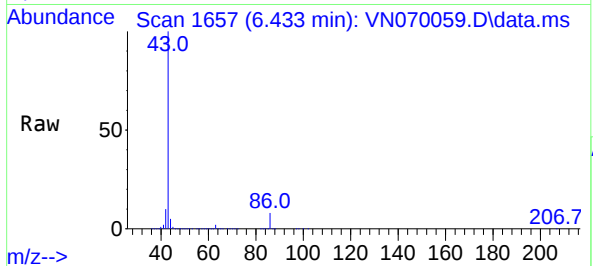
Tgt Ion: 45 Resp: 1968713
Ion Ratio Lower Upper
45 100
43 60.5 51.7 77.5
87 23.2 23.2 34.8#
59 10.8 9.4 14.0





#23
 Vinyl Acetate
 Concen: 229.373 ug/l
 RT: 6.433 min Scan# 1658
 Delta R.T. -0.003 min
 Lab File: VN070059.D
 Acq: 14 Dec 2021 3:57

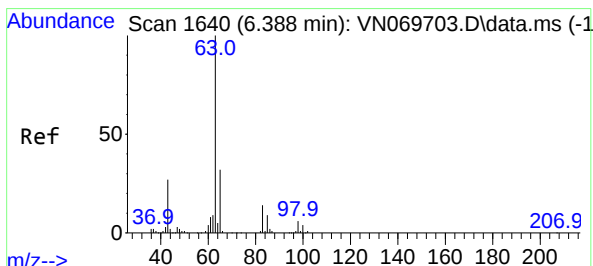
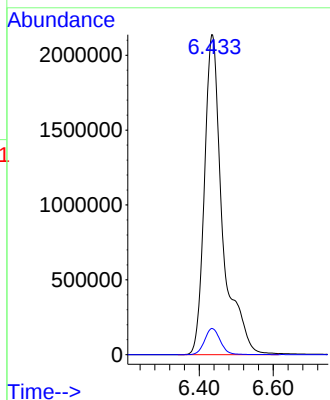
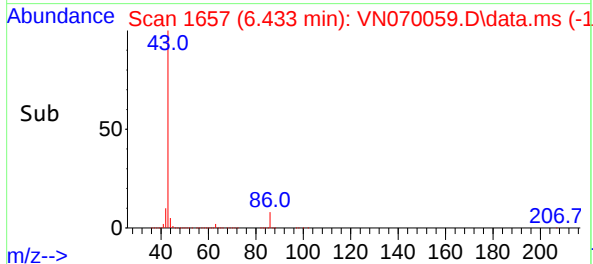
Instrument :
 MSVOA_N
 ClientSampleId :
 TOLL-MW-07MSD



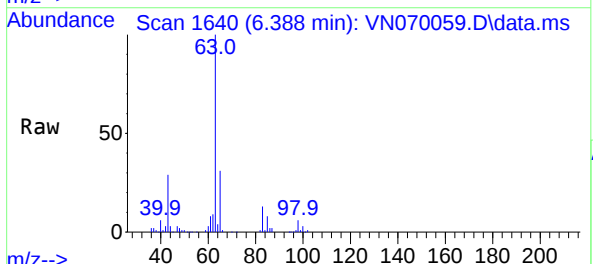
Tgt Ion: 43 Resp: 725814
 Ion Ratio Lower Upper
 43 100
 86 8.2 8.5 12.7

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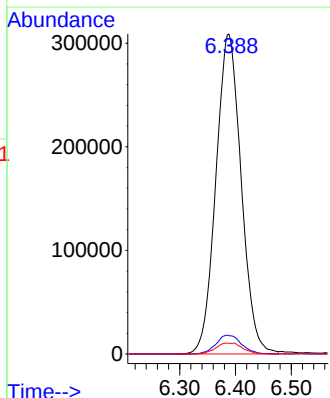
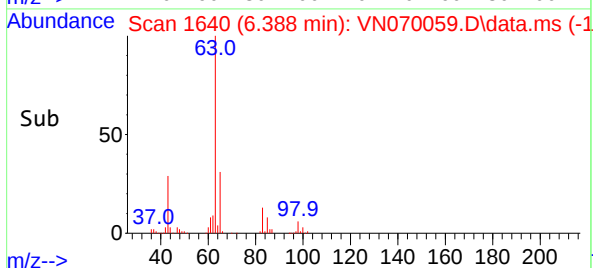
Reviewed By :John Carlone 12/14/2021
 Supervised By :Amit Patel 12/15/2021



#24
 1,1-Dichloroethane
 Concen: 48.230 ug/l
 RT: 6.388 min Scan# 1640
 Delta R.T. 0.000 min
 Lab File: VN070059.D
 Acq: 14 Dec 2021 3:57



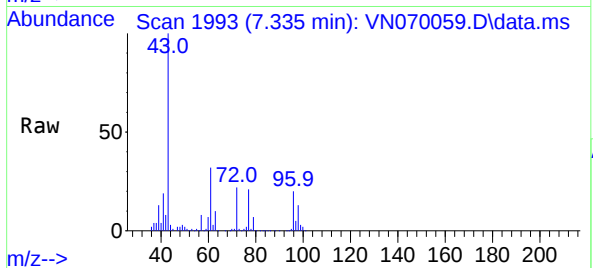
Tgt Ion: 63 Resp: 971738
 Ion Ratio Lower Upper
 63 100
 98 5.8 3.3 9.9
 100 3.4 2.1 6.5





#25
2-Butanone
Concen: 202.017 ug/l
RT: 7.335 min Scan# 1993
Delta R.T. -0.003 min
Lab File: VN070059.D
Acq: 14 Dec 2021 3:57

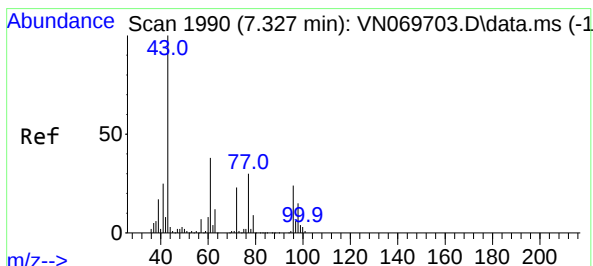
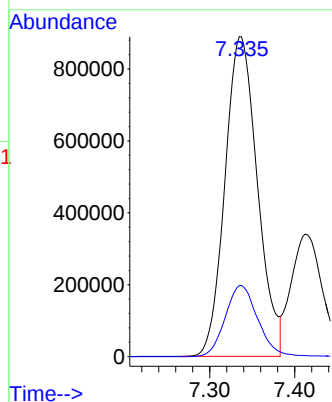
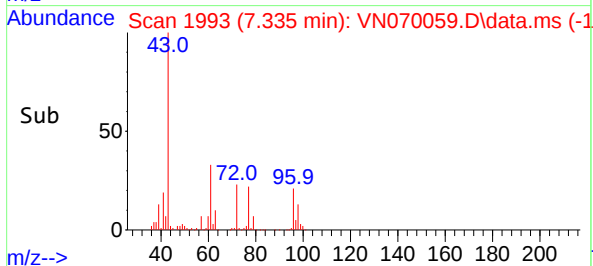
Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-07MSD



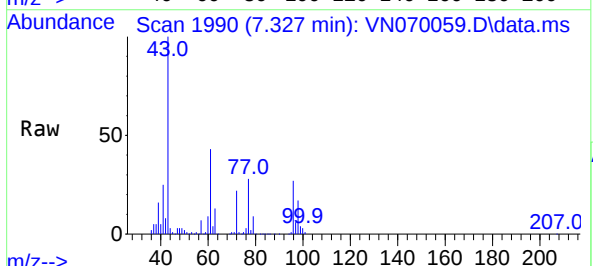
Tgt Ion: 43 Resp: 2363528
Ion Ratio Lower Upper
43 100
72 22.3 21.7 32.5

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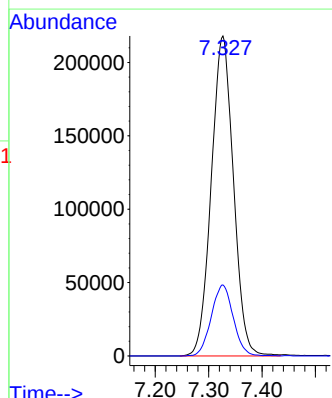
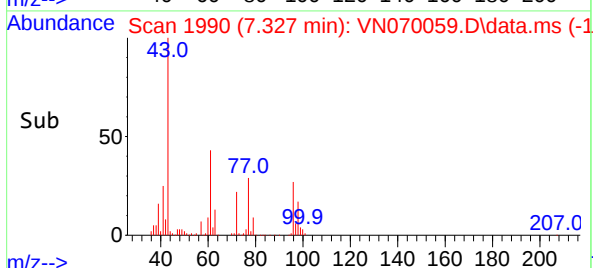
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021



#26
2,2-Dichloropropane
Concen: 40.093 ug/l
RT: 7.327 min Scan# 1990
Delta R.T. 0.000 min
Lab File: VN070059.D
Acq: 14 Dec 2021 3:57



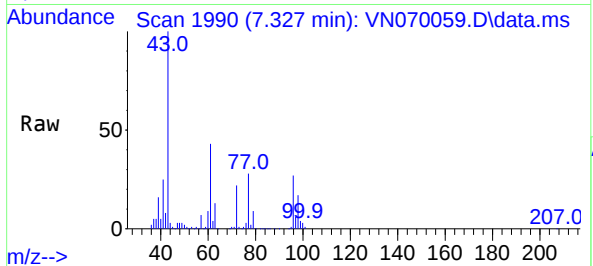
Tgt Ion: 77 Resp: 628066
Ion Ratio Lower Upper
77 100
97 22.0 11.6 34.8





#27
cis-1,2-Dichloroethene
Concen: 47.513 ug/l
RT: 7.327 min Scan# 1990
Delta R.T. 0.000 min
Lab File: VN070059.D
Acq: 14 Dec 2021 3:57

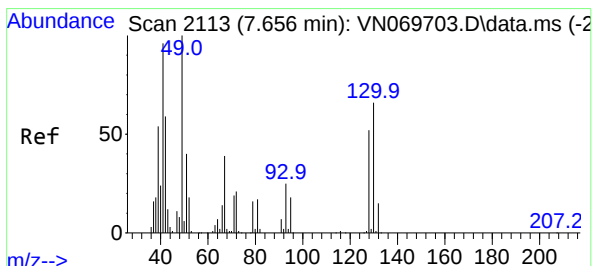
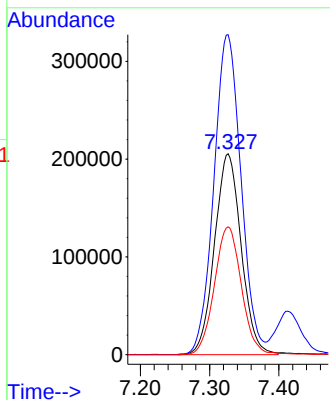
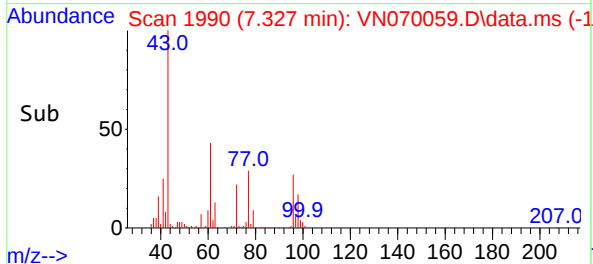
Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-07MSD



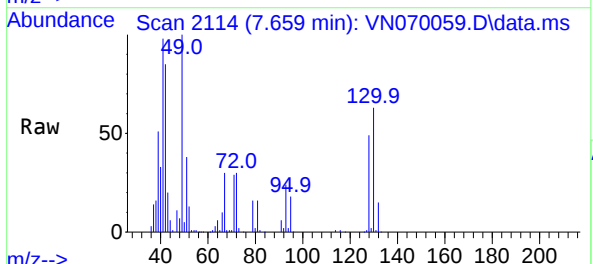
Tgt Ion: 96 Resp: 55061
Ion Ratio Lower Upper
96 100
61 161.8 0.0 275.0
98 64.6 0.0 129.6

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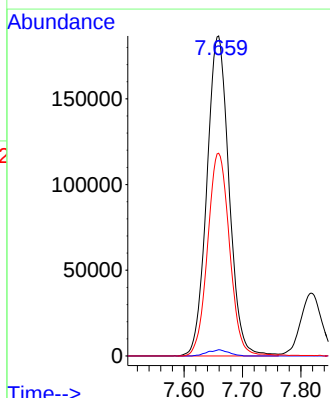
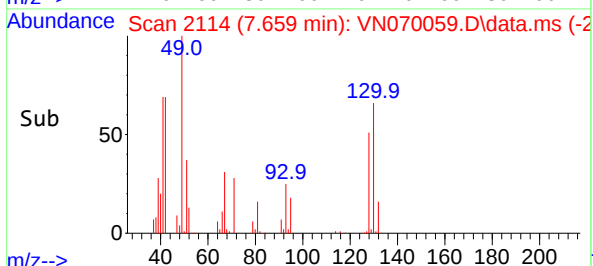
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021

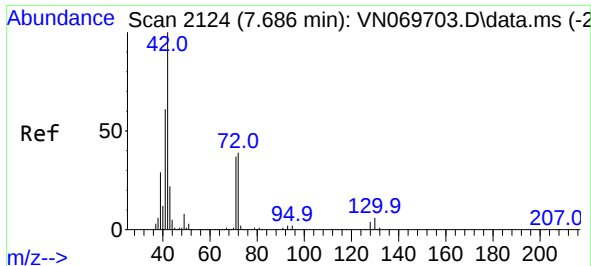


#28
Bromochloromethane
Concen: 46.988 ug/l
RT: 7.659 min Scan# 2114
Delta R.T. 0.003 min
Lab File: VN070059.D
Acq: 14 Dec 2021 3:57



Tgt Ion: 49 Resp: 492304
Ion Ratio Lower Upper
49 100
129 1.8 0.0 4.0
130 62.7 67.8 101.8#





#29

Tetrahydrofuran

Concen: 219.940 ug/l

RT: 7.686 min Scan# 2124

Delta R.T. 0.000 min

Lab File: VN070059.D

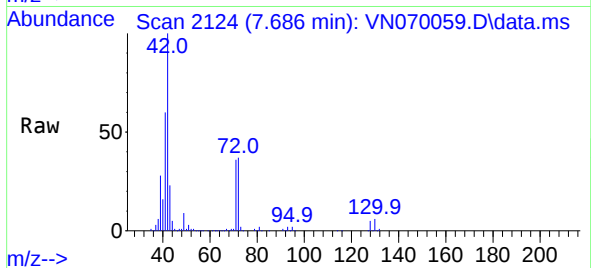
Acq: 14 Dec 2021 3:57

Instrument :

MSVOA_N

ClientSampleId :

TOLL-MW-07MSD



Tgt Ion: 42 Resp: 1562524

Ion Ratio Lower Upper

42 100

72 36.3 36.3 54.5

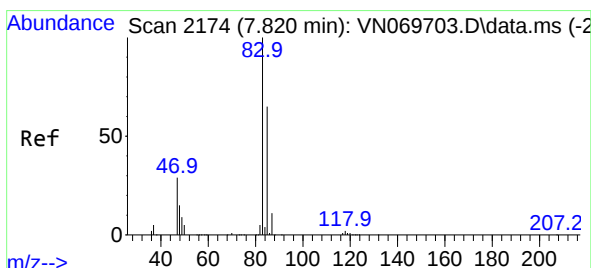
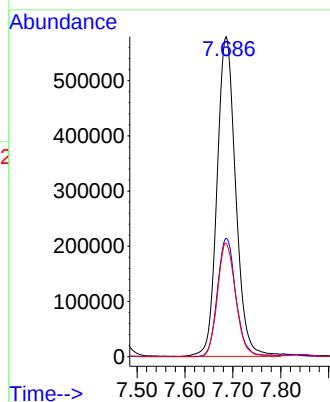
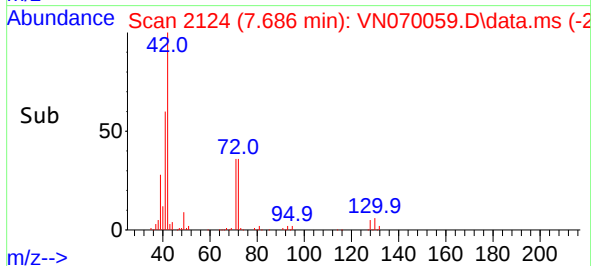
71 35.0 34.7 52.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2021

Supervised By :Amit Patel 12/15/2021



#30

Chloroform

Concen: 48.016 ug/l

RT: 7.817 min Scan# 2173

Delta R.T. -0.003 min

Lab File: VN070059.D

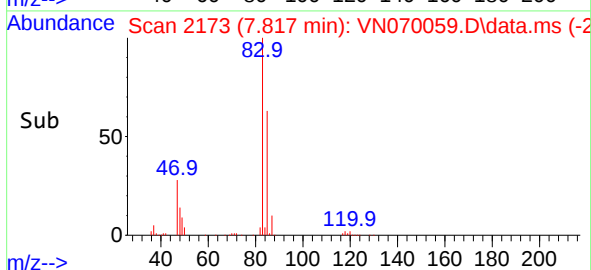
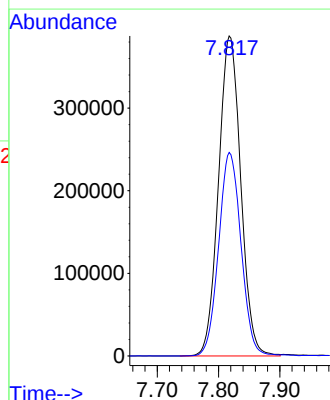
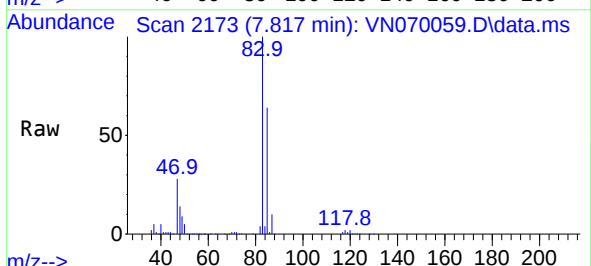
Acq: 14 Dec 2021 3:57

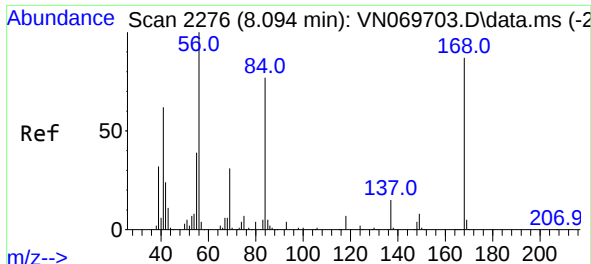
Tgt Ion: 83 Resp: 977039

Ion Ratio Lower Upper

83 100

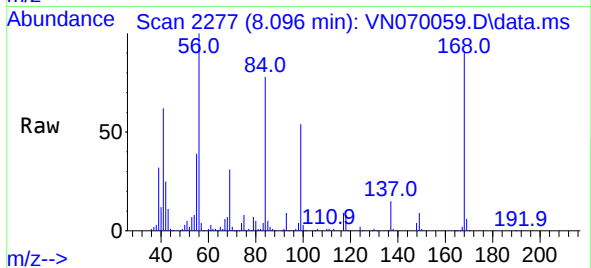
85 63.6 51.9 77.9





#31
Cyclohexane
Concen: 44.329 ug/l
RT: 8.096 min Scan# 21
Delta R.T. 0.003 min
Lab File: VN070059.D
Acq: 14 Dec 2021 3:57

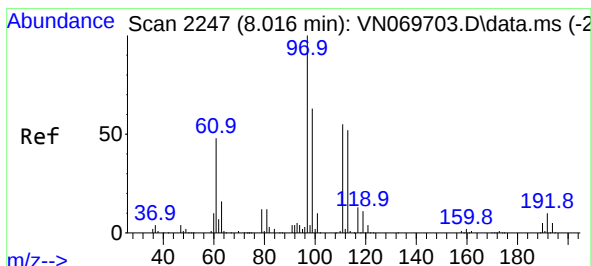
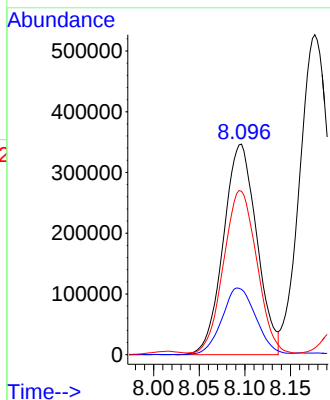
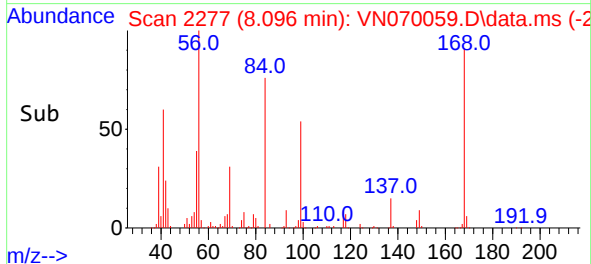
Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-07MSD



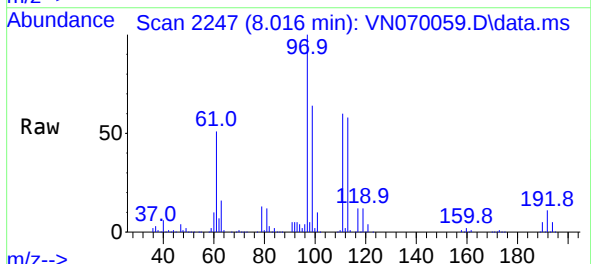
Tgt Ion: 56 Resp: 88308
Ion Ratio Lower Upper
56 100
69 31.0 27.1 40.7
84 76.4 73.4 110.0

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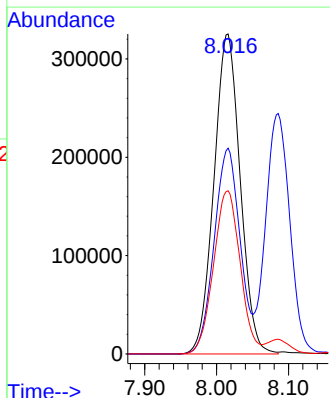
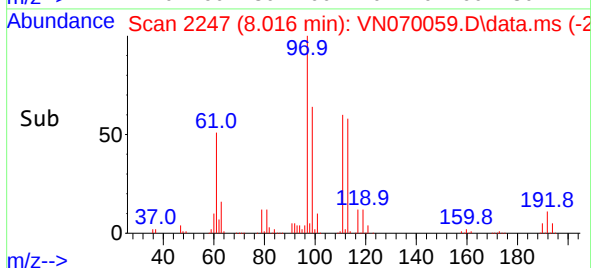
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021

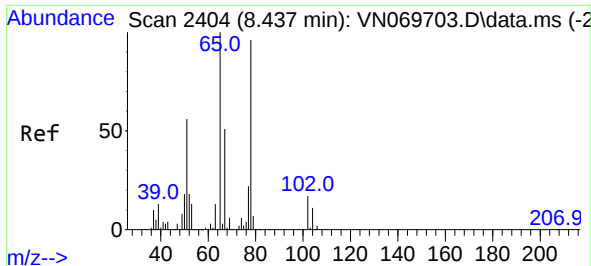


#32
1,1,1-Trichloroethane
Concen: 47.624 ug/l
RT: 8.016 min Scan# 2247
Delta R.T. 0.000 min
Lab File: VN070059.D
Acq: 14 Dec 2021 3:57



Tgt Ion: 97 Resp: 825455
Ion Ratio Lower Upper
97 100
99 63.5 50.1 75.1
61 51.8 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 48.176 ug/l

RT: 8.437 min Scan# 2404

Delta R.T. 0.000 min

Lab File: VN070059.D

Acq: 14 Dec 2021 3:57

Instrument :

MSVOA_N

ClientSampleId :

TOLL-MW-07MSD

Tgt Ion: 65 Resp: 68962

Ion Ratio Lower Upper

65 100

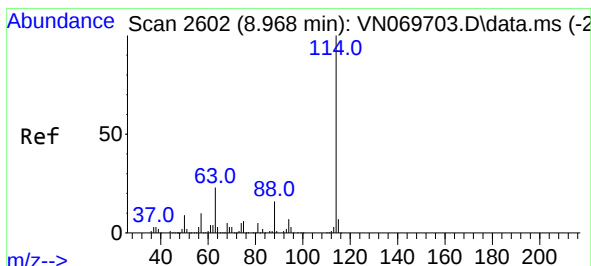
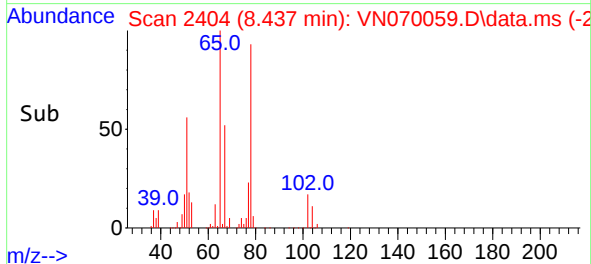
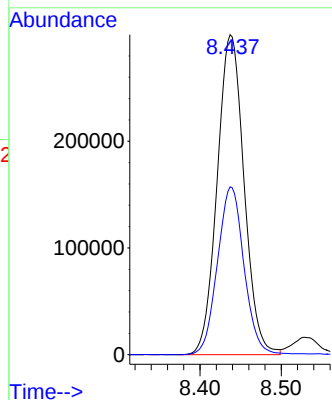
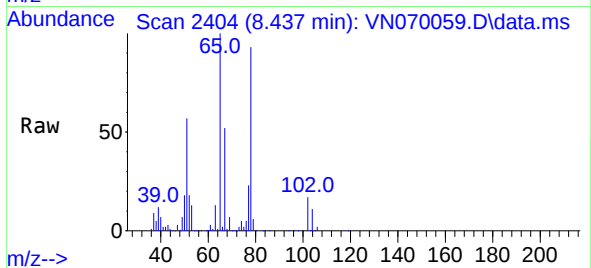
67 51.9 0.0 103.0

Manual Integrations

APPROVED

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: VN070059.D

Acq: 14 Dec 2021 3:57

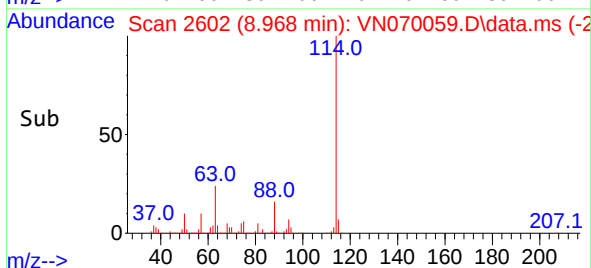
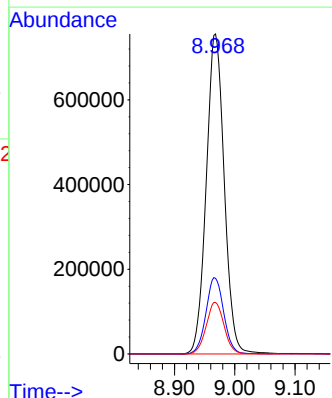
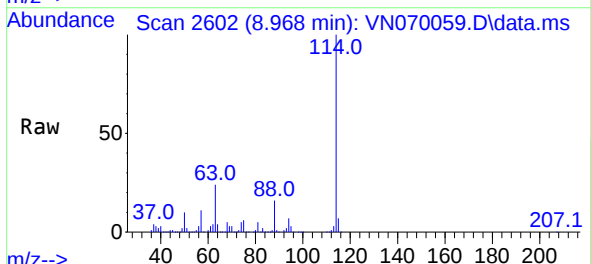
Tgt Ion:114 Resp: 1567772

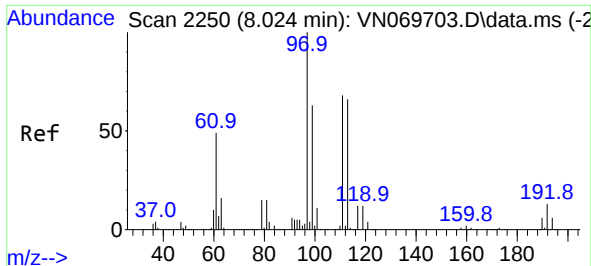
Ion Ratio Lower Upper

114 100

63 23.6 0.0 37.8

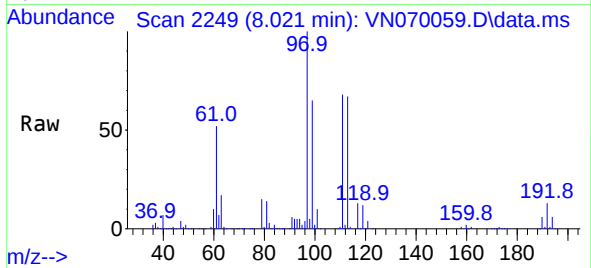
88 16.1 0.0 27.4





#35
Dibromofluoromethane
Concen: 49.196 ug/l
RT: 8.021 min Scan# 2113
Delta R.T. -0.003 min
Lab File: VN070059.D
Acq: 14 Dec 2021 3:57

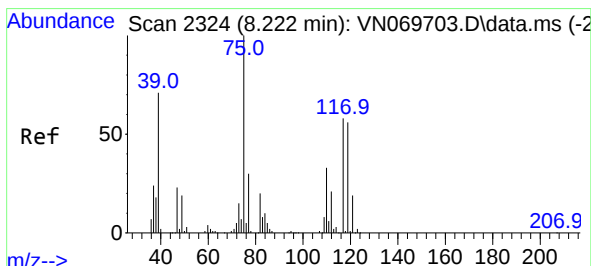
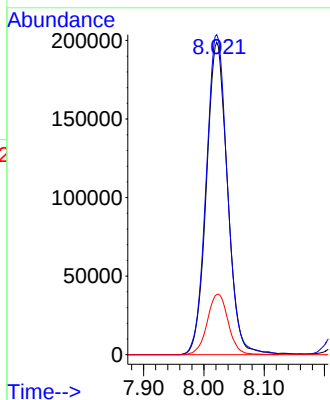
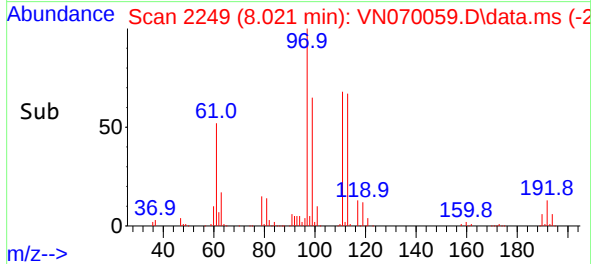
Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-07MSD



Tgt Ion: 113 Resp: 48311
Ion Ratio Lower Upper
113 100
111 103.0 82.2 123.2
192 19.3 16.9 25.3

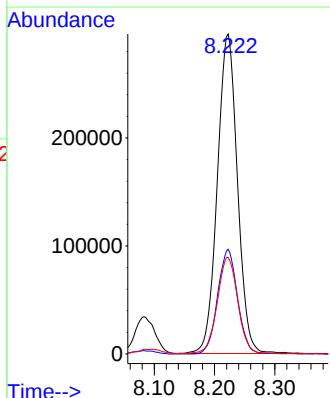
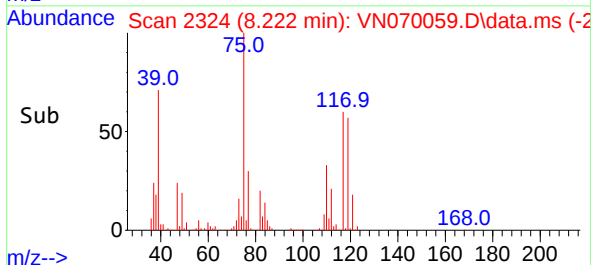
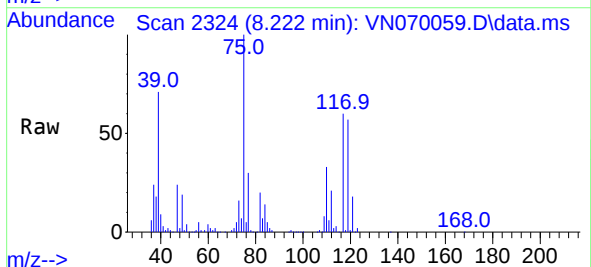
Manual Integrations
APPROVED

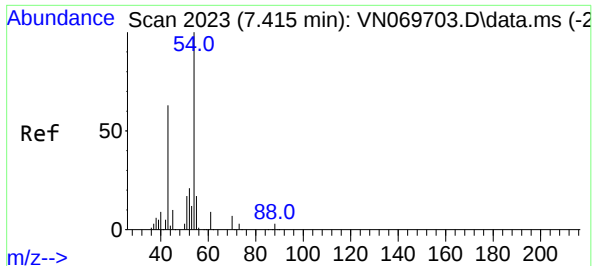
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021



#36
1,1-Dichloropropene
Concen: 45.919 ug/l
RT: 8.222 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VN070059.D
Acq: 14 Dec 2021 3:57

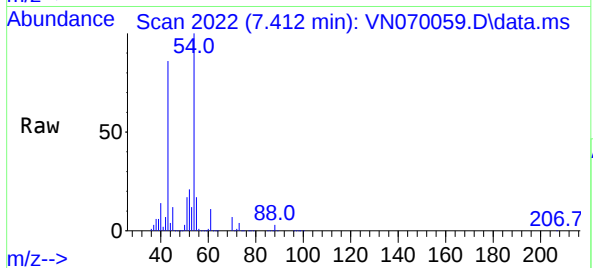
Tgt Ion: 75 Resp: 685333
Ion Ratio Lower Upper
75 100
110 32.4 18.4 55.2
77 30.5 24.4 36.6





#37
Ethyl Acetate
Concen: 40.578 ug/l
RT: 7.412 min Scan# 2023
Delta R.T. -0.003 min
Lab File: VN070059.D
Acq: 14 Dec 2021 3:57

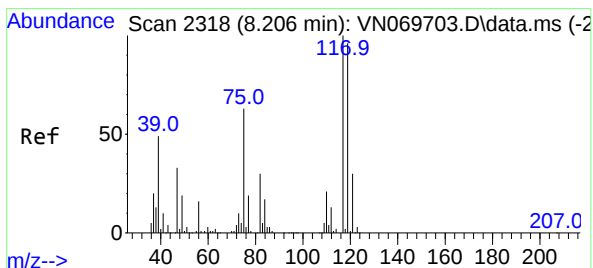
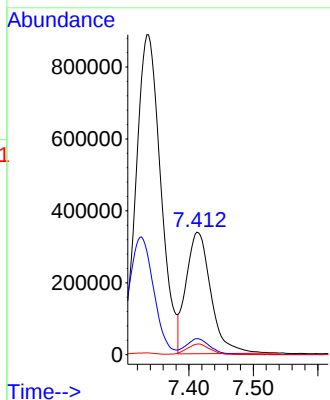
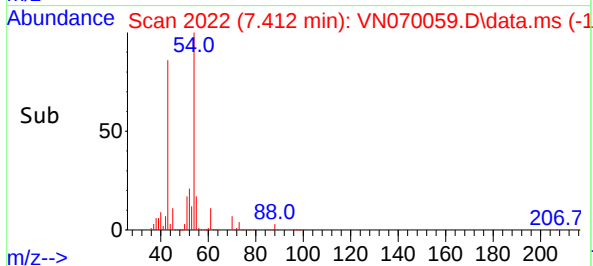
Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-07MSD



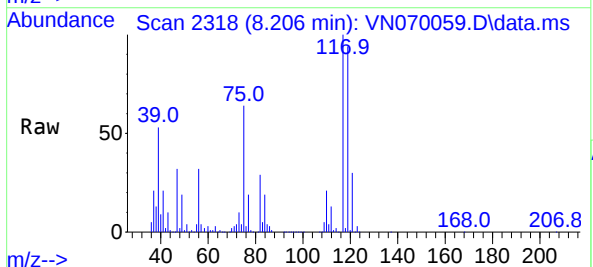
Tgt Ion: 43 Resp: 901378
Ion Ratio Lower Upper
43 100
61 12.1 11.5 17.3
70 8.0 7.9 11.9

Manual Integrations
APPROVED

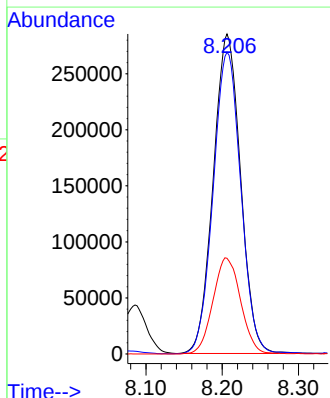
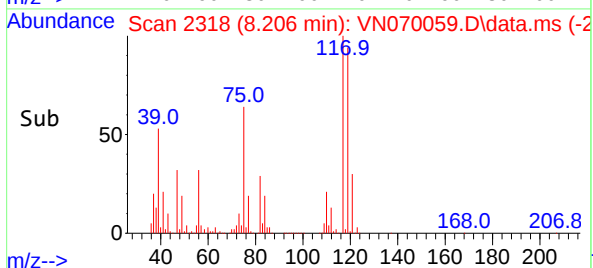
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021

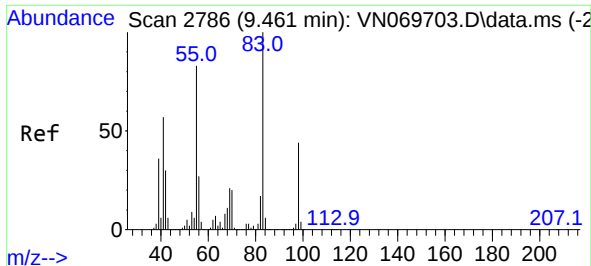


#38
Carbon Tetrachloride
Concen: 48.365 ug/l
RT: 8.206 min Scan# 2318
Delta R.T. 0.000 min
Lab File: VN070059.D
Acq: 14 Dec 2021 3:57



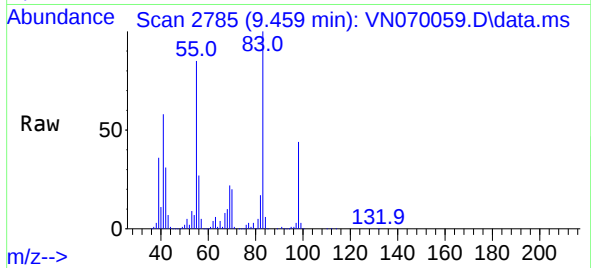
Tgt Ion:117 Resp: 707840
Ion Ratio Lower Upper
117 100
119 94.3 76.1 114.1
121 29.9 24.2 36.2





#39
Methylcyclohexane
Concen: 44.687 ug/l
RT: 9.459 min Scan# 21
Delta R.T. -0.003 min
Lab File: VN070059.D
Acq: 14 Dec 2021 3:57

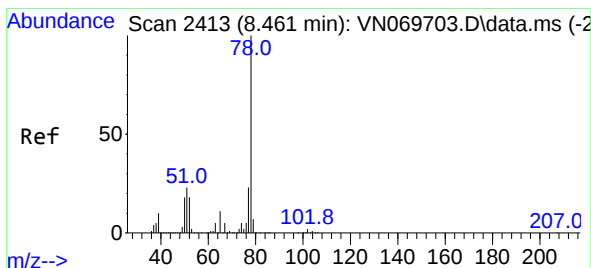
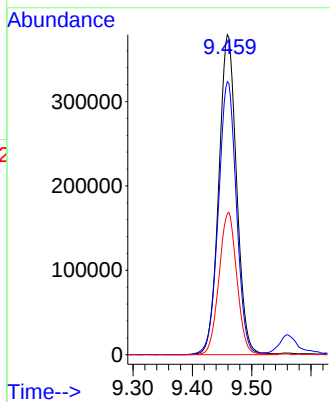
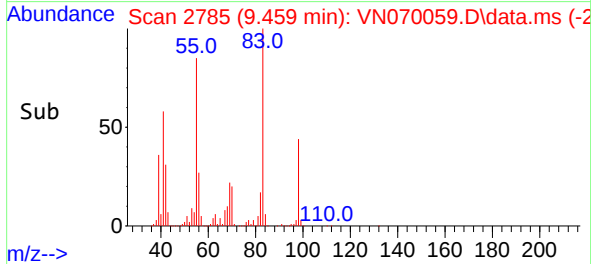
Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-07MSD



Tgt Ion: 83 Resp: 793304
Ion Ratio Lower Upper
83 100
55 85.3 58.1 87.1
98 44.1 38.4 57.6

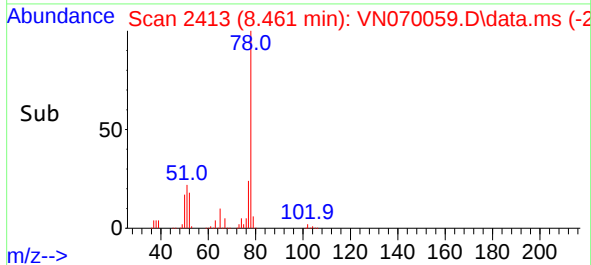
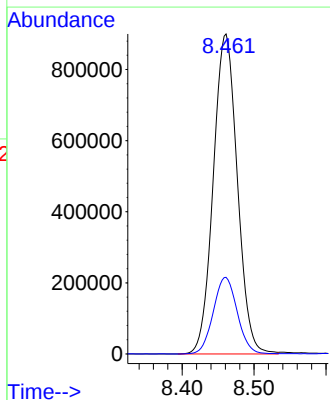
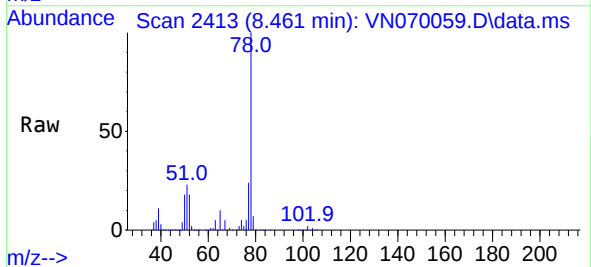
Manual Integrations
APPROVED

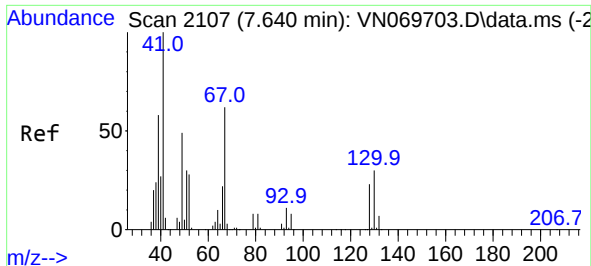
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021



#40
Benzene
Concen: 45.790 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. 0.000 min
Lab File: VN070059.D
Acq: 14 Dec 2021 3:57

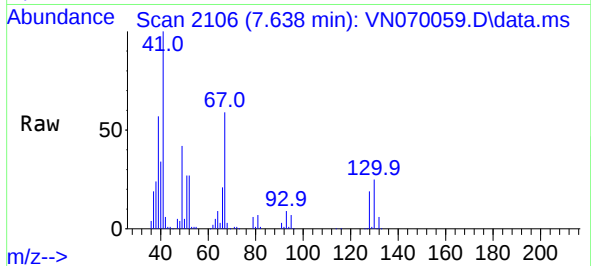
Tgt Ion: 78 Resp: 2088908
Ion Ratio Lower Upper
78 100
77 23.9 18.6 27.8





#41
Methacrylonitrile
Concen: 46.384 ug/l
RT: 7.638 min Scan# 2106
Delta R.T. -0.002 min
Lab File: VN070059.D
Acq: 14 Dec 2021 3:57

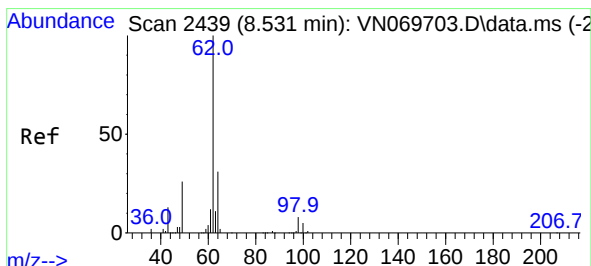
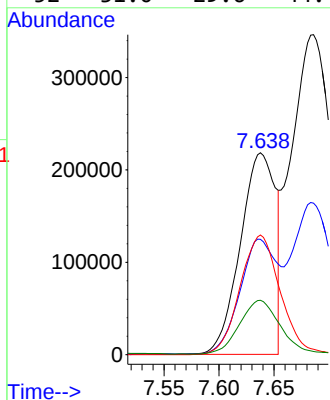
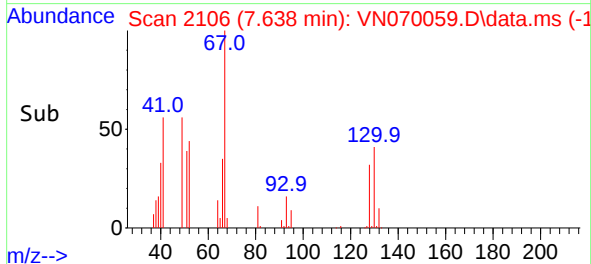
Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-07MSD



Tgt Ion: 41 Resp: 48368
Ion Ratio Lower Upper
41 100
39 63.1 48.1 72.1
67 68.5 68.3 102.5
52 31.0 29.6 44.4

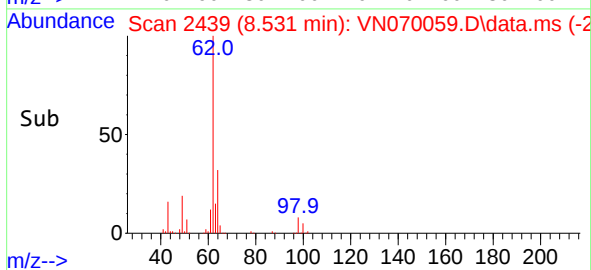
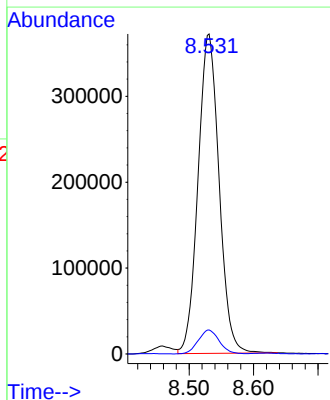
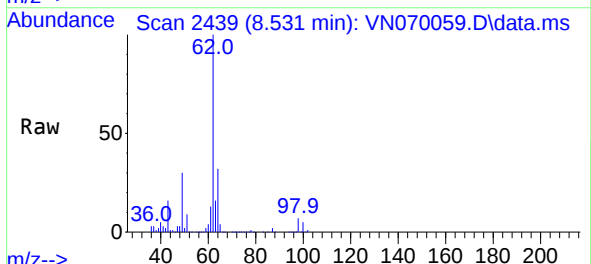
Manual Integrations
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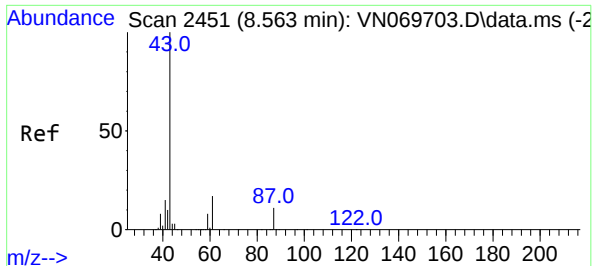
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021



#42
1,2-Dichloroethane
Concen: 45.785 ug/l
RT: 8.531 min Scan# 2439
Delta R.T. 0.000 min
Lab File: VN070059.D
Acq: 14 Dec 2021 3:57

Tgt Ion: 62 Resp: 843155
Ion Ratio Lower Upper
62 100
98 7.6 0.0 17.6





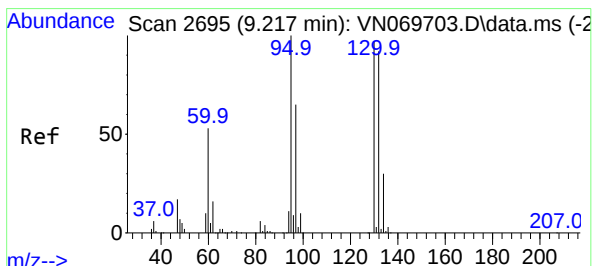
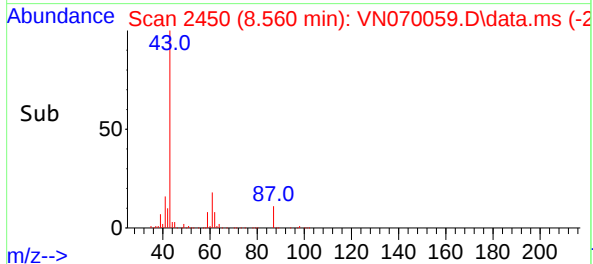
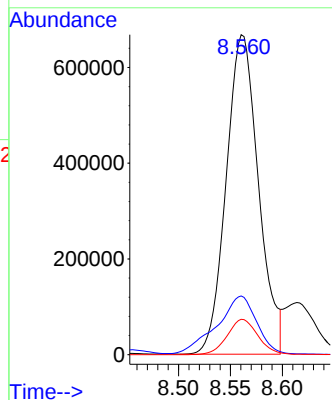
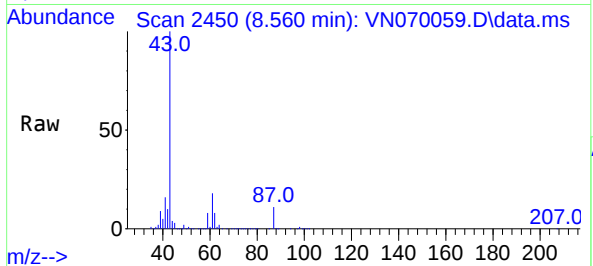
#43
Isopropyl Acetate
Concen: 43.982 ug/l
RT: 8.560 min Scan# 2451
Delta R.T. -0.003 min
Lab File: VN070059.D
Acq: 14 Dec 2021 3:57

Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-07MSD

Tgt Ion: 43 Resp: 144580
Ion Ratio Lower Upper
43 100
61 22.9 20.4 30.6
87 10.6 11.2 16.8

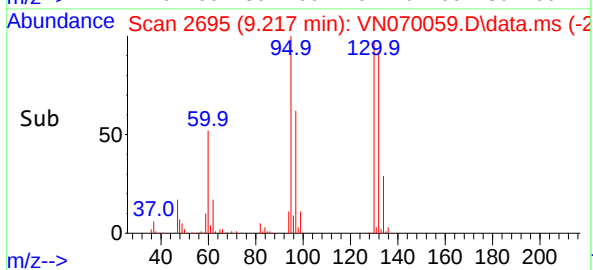
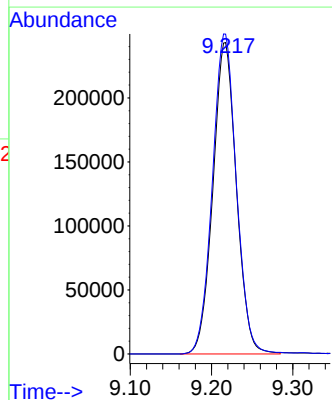
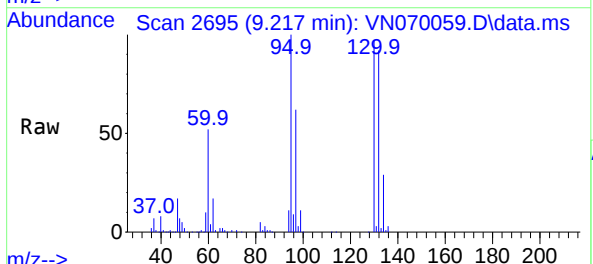
Manual Integrations
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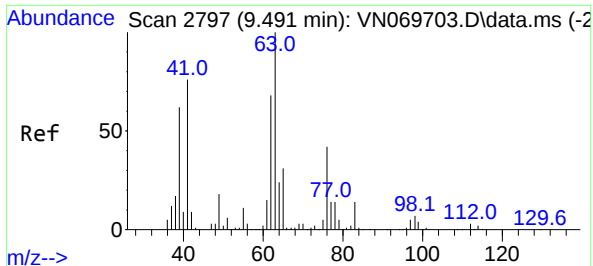
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021



#44
Trichloroethene
Concen: 44.816 ug/l
RT: 9.217 min Scan# 2695
Delta R.T. 0.000 min
Lab File: VN070059.D
Acq: 14 Dec 2021 3:57

Tgt Ion:130 Resp: 487973
Ion Ratio Lower Upper
130 100
95 102.7 0.0 191.2





#45

1,2-Dichloropropane

Concen: 47.745 ug/l

RT: 9.491 min Scan# 2797

Delta R.T. 0.000 min

Lab File: VN070059.D

Acq: 14 Dec 2021 3:57

Instrument :

MSVOA_N

ClientSampleId :

TOLL-MW-07MSD

Tgt Ion: 63 Resp: 58488

Ion Ratio Lower Upper

63 100

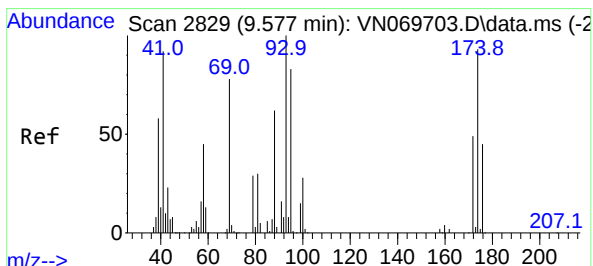
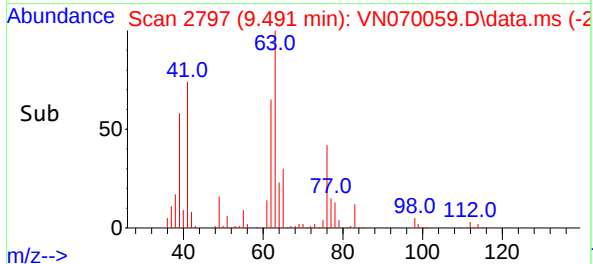
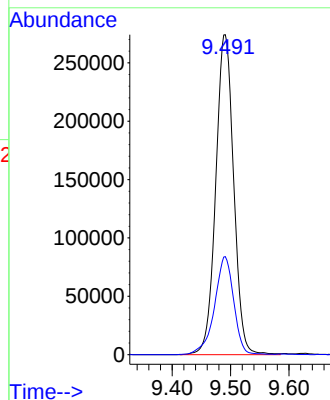
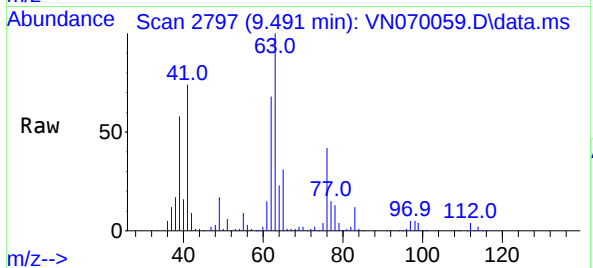
65 30.6 24.7 37.1

Manual Integrations

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Reviewed By :John Carlone 12/14/2021

Supervised By :Amit Patel 12/15/2021



#46

Dibromomethane

Concen: 46.432 ug/l

RT: 9.577 min Scan# 2829

Delta R.T. 0.000 min

Lab File: VN070059.D

Acq: 14 Dec 2021 3:57

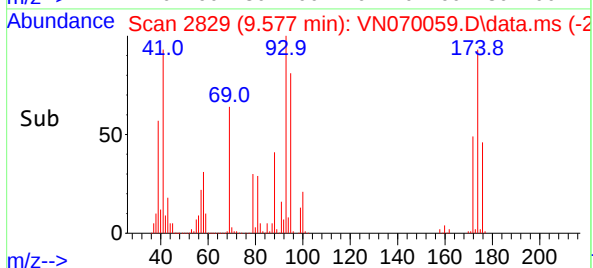
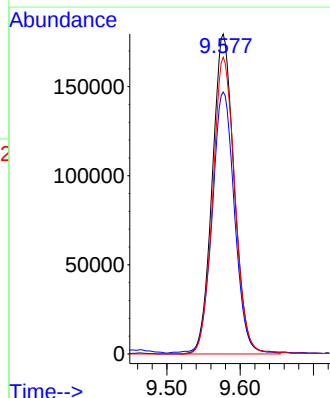
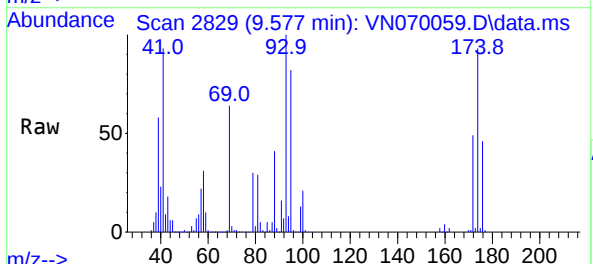
Tgt Ion: 93 Resp: 373042

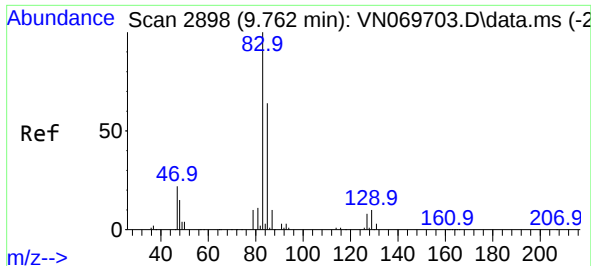
Ion Ratio Lower Upper

93 100

95 82.9 65.9 98.9

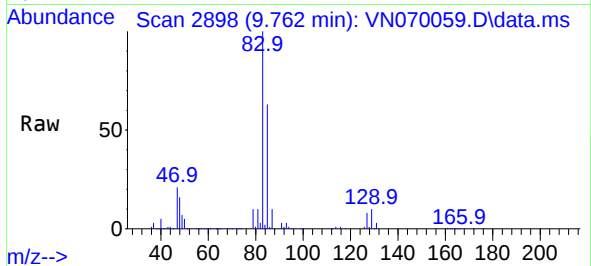
174 93.8 84.6 127.0





#47
Bromodichloromethane
Concen: 52.446 ug/l
RT: 9.762 min Scan# 2898
Delta R.T. 0.000 min
Lab File: VN070059.D
Acq: 14 Dec 2021 3:57

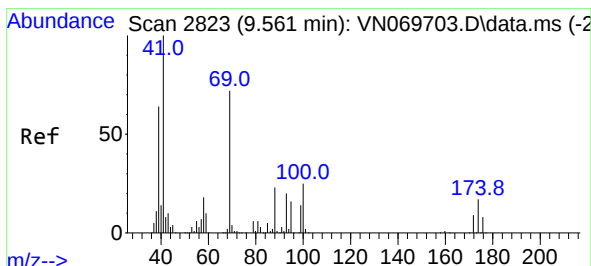
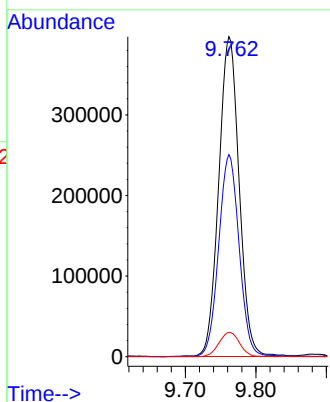
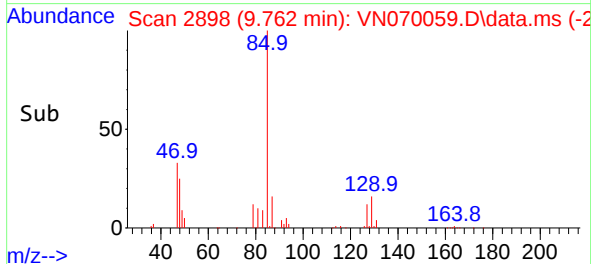
Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-07MSD



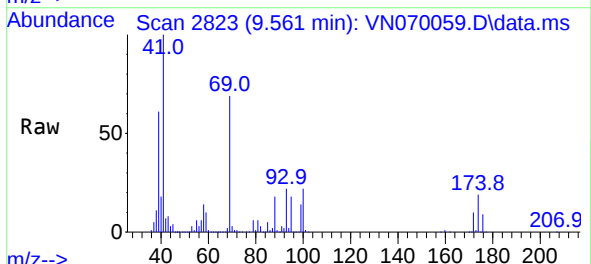
Tgt Ion: 83 Resp: 797789
Ion Ratio Lower Upper
83 100
85 63.0 50.9 76.3
127 7.6 7.1 10.7

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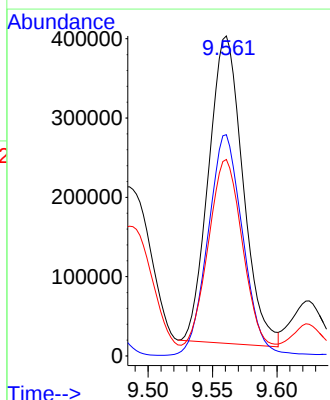
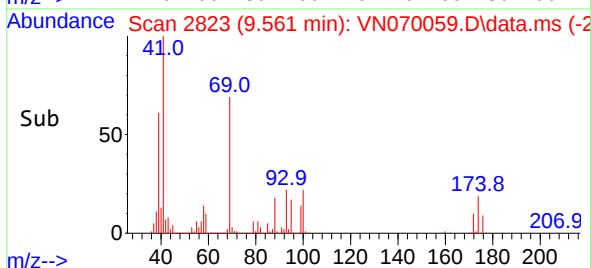
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021

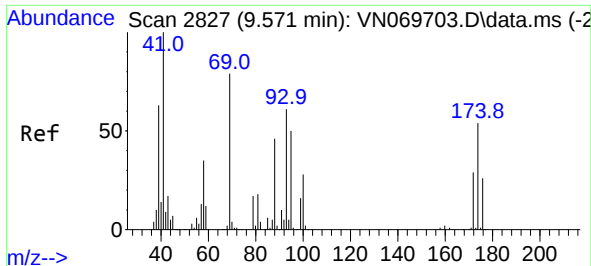


#48
Methyl methacrylate
Concen: 46.751 ug/l
RT: 9.561 min Scan# 2823
Delta R.T. -0.000 min
Lab File: VN070059.D
Acq: 14 Dec 2021 3:57



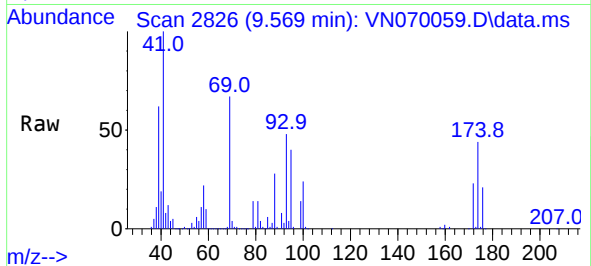
Tgt Ion: 41 Resp: 717205
Ion Ratio Lower Upper
41 100
69 72.8 72.4 108.6
39 60.2 58.4 87.6





#49
1,4-Dioxane
Concen: 689.144 ug/l
RT: 9.569 min Scan# 2827
Delta R.T. -0.003 min
Lab File: VN070059.D
Acq: 14 Dec 2021 3:57

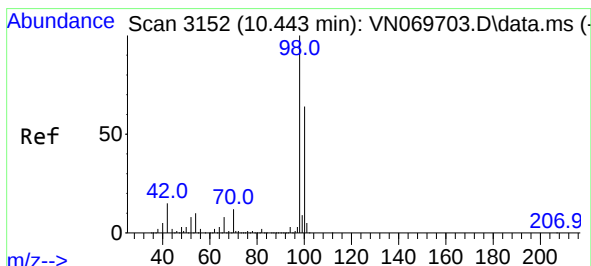
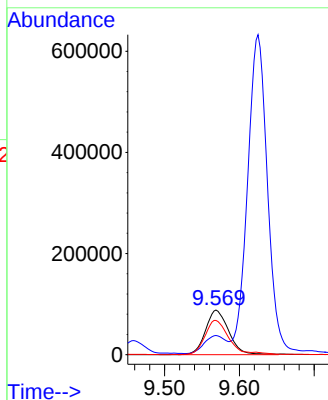
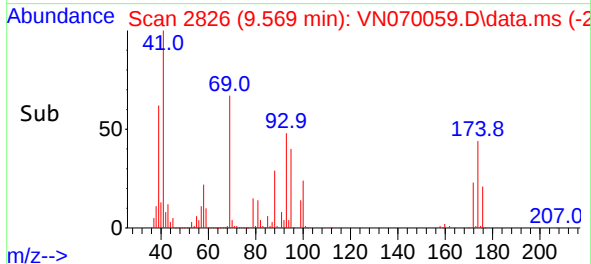
Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-07MSD



Tgt Ion: 88 Resp: 189694
Ion Ratio Lower Upper
88 100
43 38.3 23.4 35.2
58 77.4 50.6 75.8

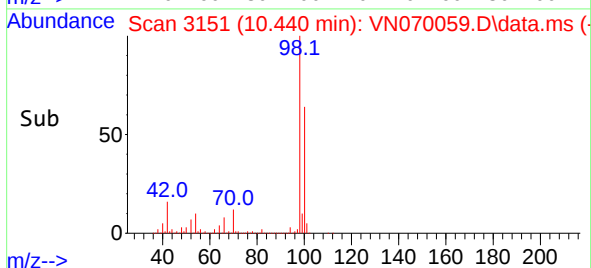
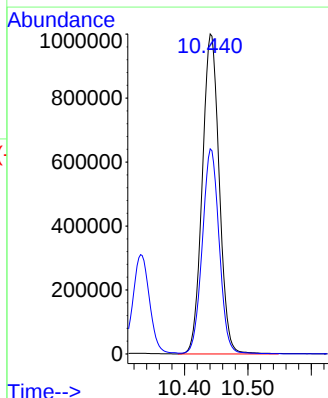
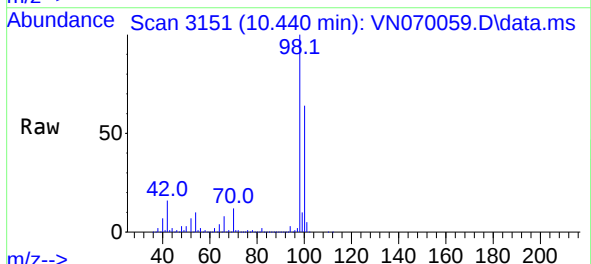
Manual Integrations
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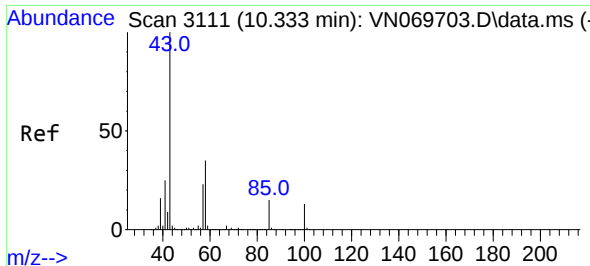
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021



#50
Toluene-d8
Concen: 47.141 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. -0.003 min
Lab File: VN070059.D
Acq: 14 Dec 2021 3:57

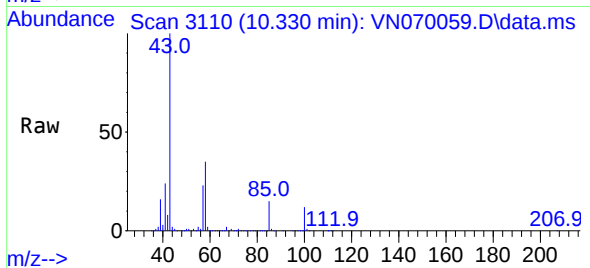
Tgt Ion: 98 Resp: 1858840
Ion Ratio Lower Upper
98 100
100 63.4 50.4 75.6





#51
4-Methyl-2-Pentanone
Concen: 230.863 ug/l
RT: 10.330 min Scan# 3111
Delta R.T. -0.003 min
Lab File: VN070059.D
Acq: 14 Dec 2021 3:57

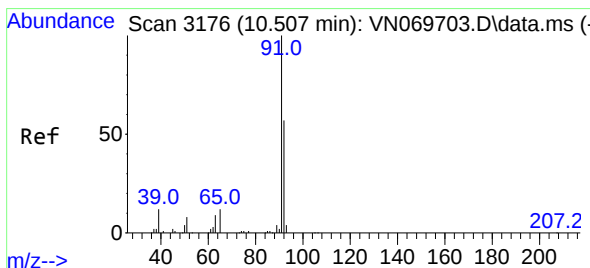
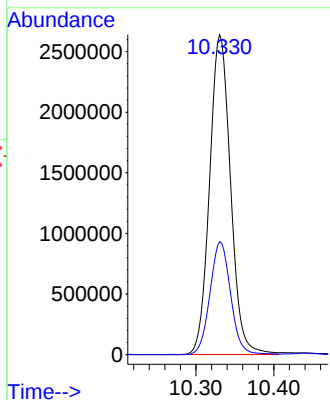
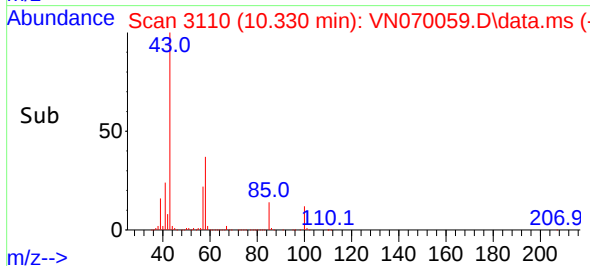
Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-07MSD



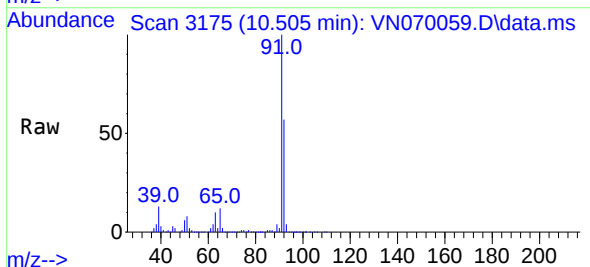
Tgt Ion: 43 Resp: 4923210
Ion Ratio Lower Upper
43 100
58 34.9 30.4 45.6

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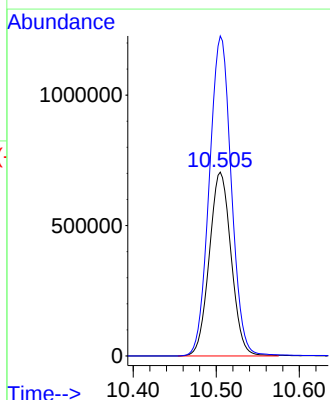
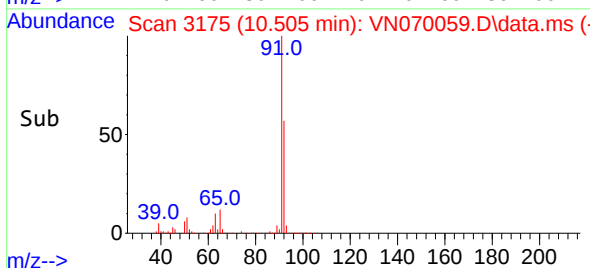
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021

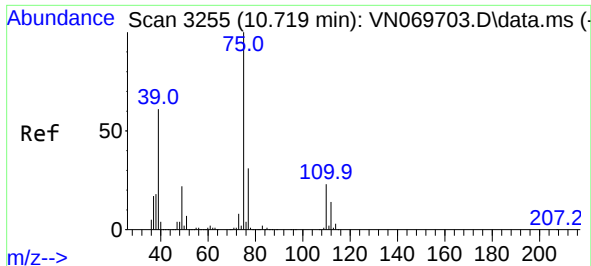


#52
Toluene
Concen: 46.225 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.003 min
Lab File: VN070059.D
Acq: 14 Dec 2021 3:57



Tgt Ion: 92 Resp: 1287416
Ion Ratio Lower Upper
92 100
91 175.8 142.0 213.0





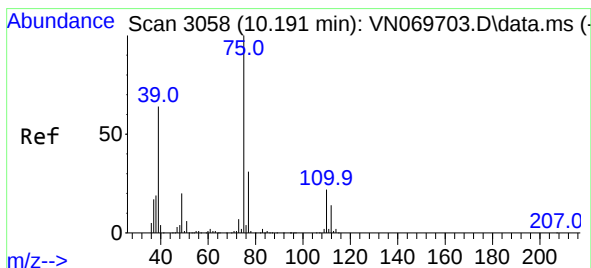
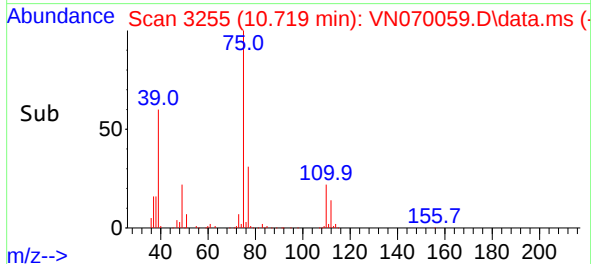
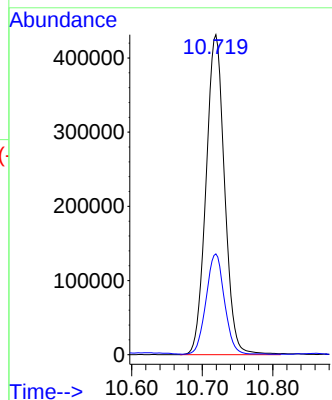
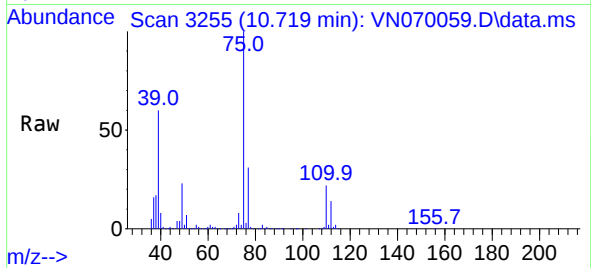
#53
t-1,3-Dichloropropene
Concen: 43.430 ug/l
RT: 10.719 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN070059.D
Acq: 14 Dec 2021 3:57

Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-07MSD

Tgt Ion: 75 Resp: 787584
Ion Ratio Lower Upper
75 100
77 31.3 25.6 38.4

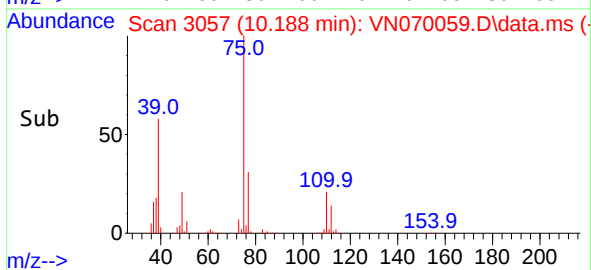
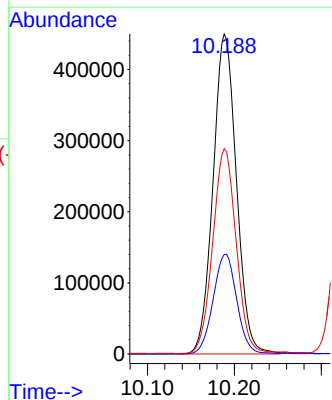
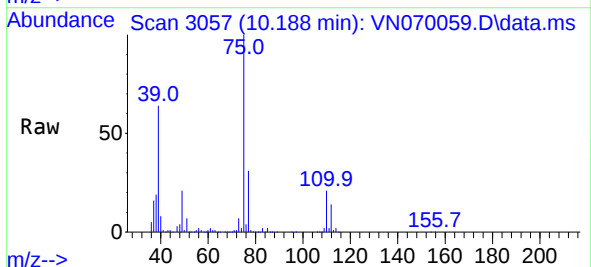
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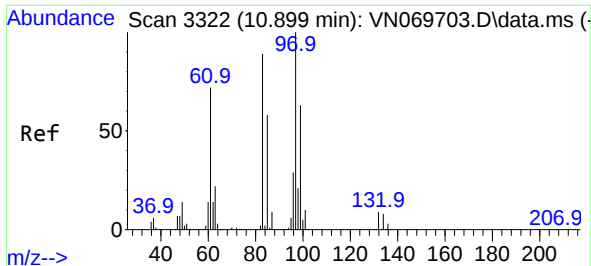
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021



#54
cis-1,3-Dichloropropene
Concen: 44.030 ug/l
RT: 10.188 min Scan# 3057
Delta R.T. -0.003 min
Lab File: VN070059.D
Acq: 14 Dec 2021 3:57

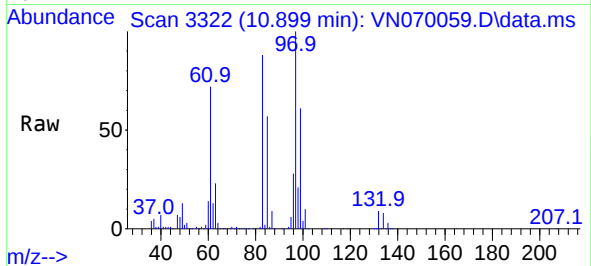
Tgt Ion: 75 Resp: 840783
Ion Ratio Lower Upper
75 100
77 31.0 26.4 39.6
39 64.0 42.5 63.7#





#55
1,1,2-Trichloroethane
Concen: 47.298 ug/l
RT: 10.899 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN070059.D
Acq: 14 Dec 2021 3:57

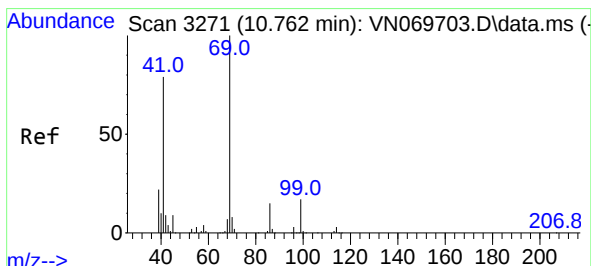
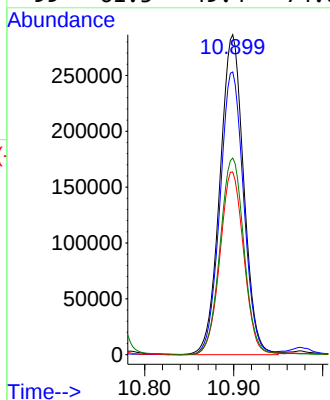
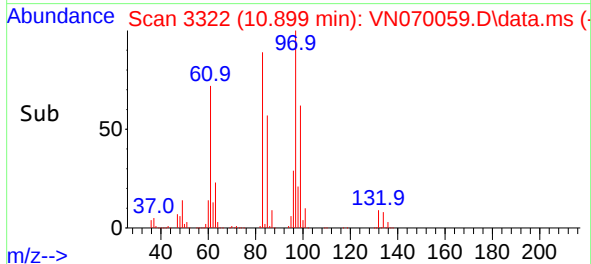
Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-07MSD



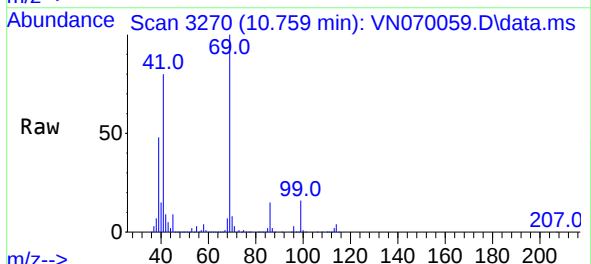
Tgt Ion: 97 Resp: 53150
Ion Ratio Lower Upper
97 100
83 88.4 67.8 101.6
85 57.1 45.4 68.2
99 61.3 49.4 74.0

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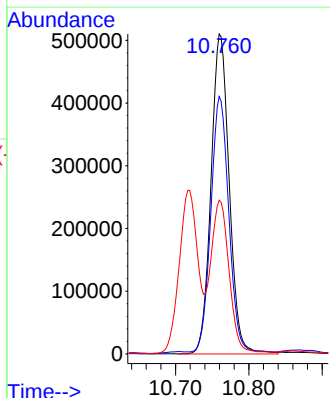
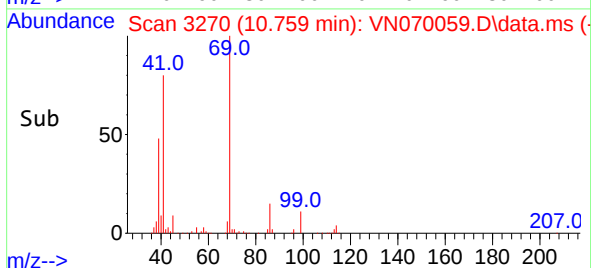
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021

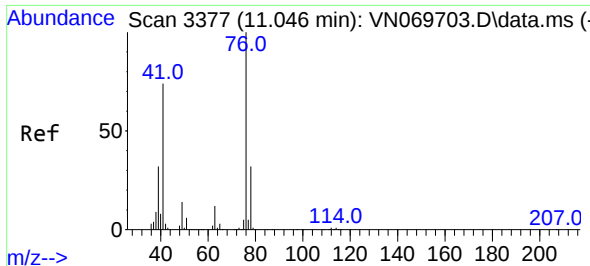


#56
Ethyl methacrylate
Concen: 41.881 ug/l
RT: 10.759 min Scan# 3270
Delta R.T. -0.003 min
Lab File: VN070059.D
Acq: 14 Dec 2021 3:57



Tgt Ion: 69 Resp: 879779
Ion Ratio Lower Upper
69 100
41 79.0 51.4 77.0#
39 46.6 34.6 52.0





#57

1,3-Dichloropropane

Concen: 47.102 ug/l

RT: 11.044 min Scan# 31

Delta R.T. -0.003 min

Lab File: VN070059.D

Acq: 14 Dec 2021 3:57

Instrument :

MSVOA_N

ClientSampleId :

TOLL-MW-07MSD

Tgt Ion: 76 Resp: 931994

Ion Ratio Lower Upper

76 100

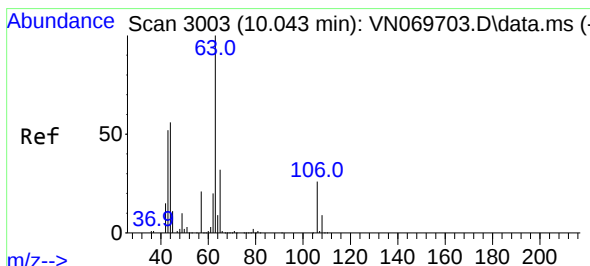
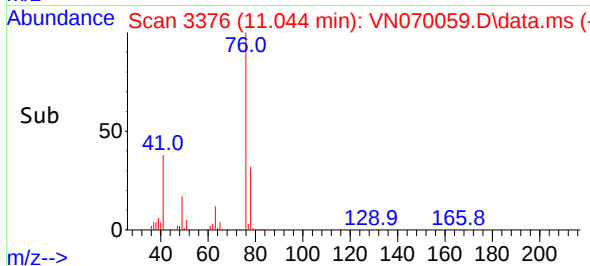
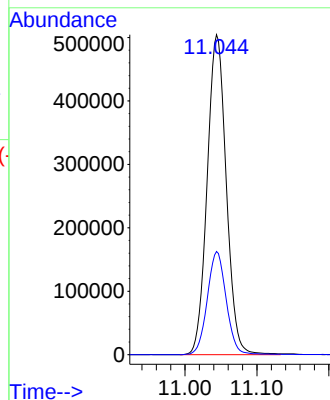
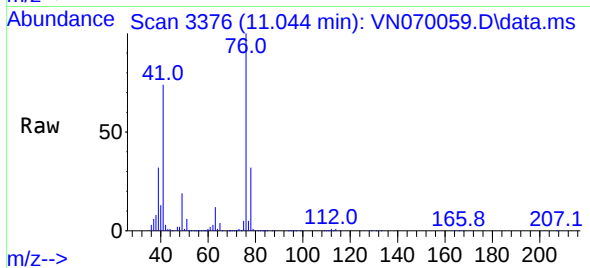
78 31.9 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2021

Supervised By :Amit Patel 12/15/2021



#58

2-Chloroethyl Vinyl ether

Concen: 18.465 ug/l

RT: 10.062 min Scan# 3010

Delta R.T. 0.019 min

Lab File: VN070059.D

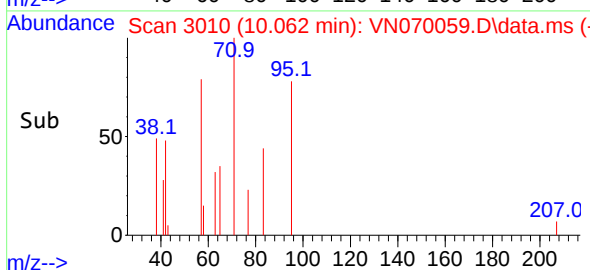
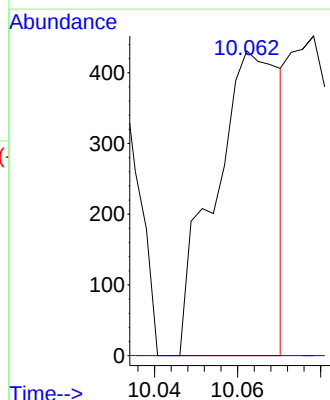
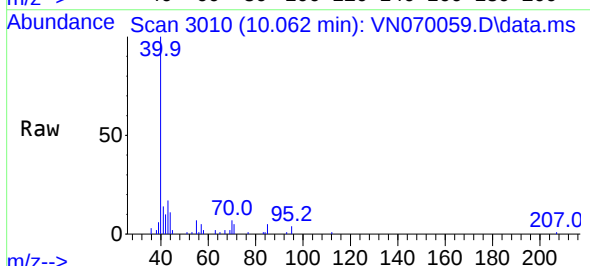
Acq: 14 Dec 2021 3:57

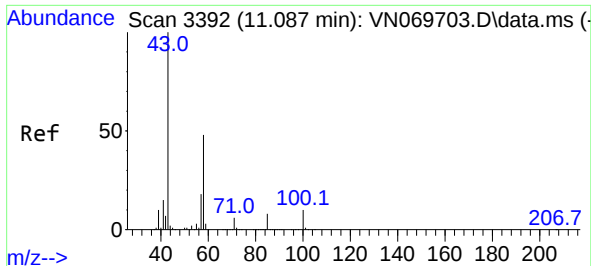
Tgt Ion: 63 Resp: 470

Ion Ratio Lower Upper

63 100

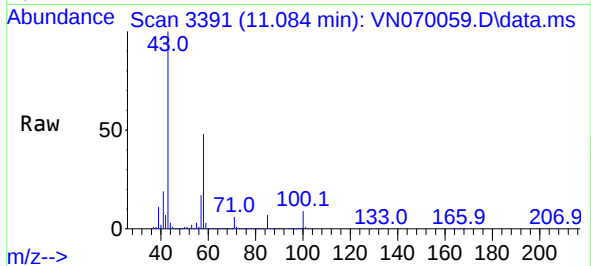
106 0.0 23.9 35.9#





#59
2-Hexanone
Concen: 216.249 ug/l
RT: 11.084 min Scan# 31
Delta R.T. -0.003 min
Lab File: VN070059.D
Acq: 14 Dec 2021 3:57

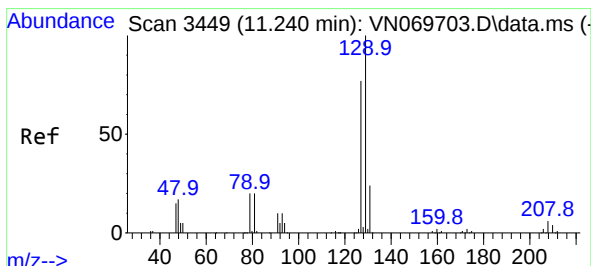
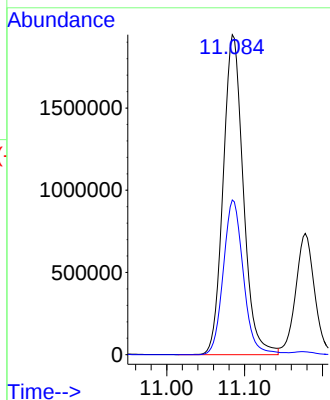
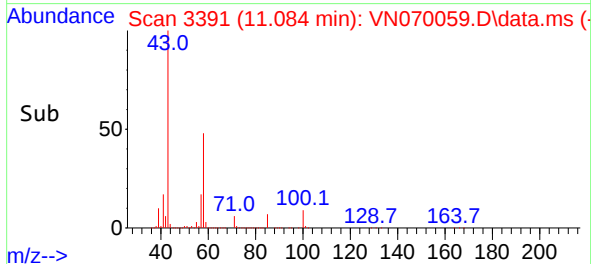
Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-07MSD



Tgt Ion: 43 Resp: 348850
Ion Ratio Lower Upper
43 100
58 48.3 26.9 80.7

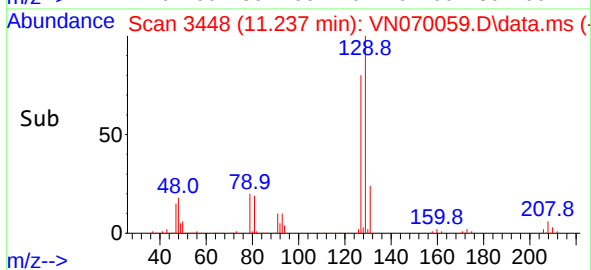
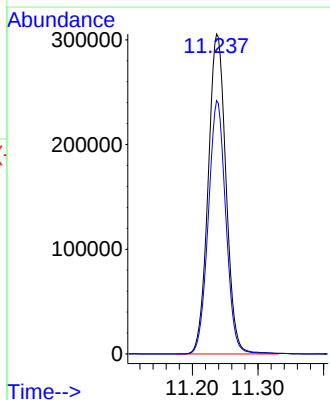
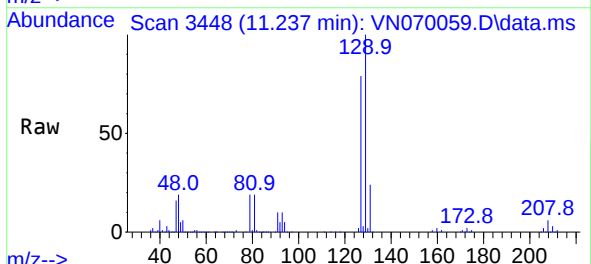
Manual Integrations
APPROVED

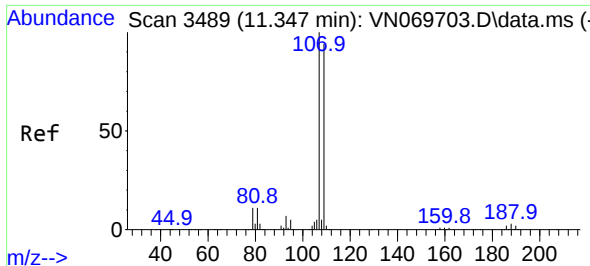
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021



#60
Dibromochloromethane
Concen: 47.993 ug/l
RT: 11.237 min Scan# 3448
Delta R.T. -0.003 min
Lab File: VN070059.D
Acq: 14 Dec 2021 3:57

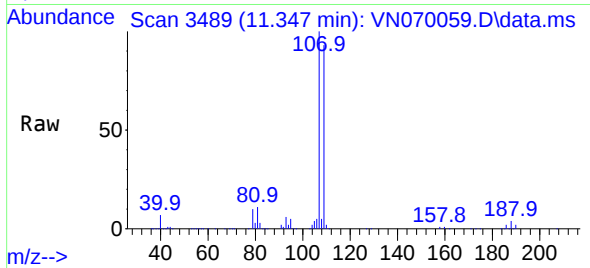
Tgt Ion:129 Resp: 576649
Ion Ratio Lower Upper
129 100
127 77.6 38.6 116.0





#61
1,2-Dibromoethane
Concen: 46.012 ug/l
RT: 11.347 min Scan# 3489
Delta R.T. -0.000 min
Lab File: VN070059.D
Acq: 14 Dec 2021 3:57

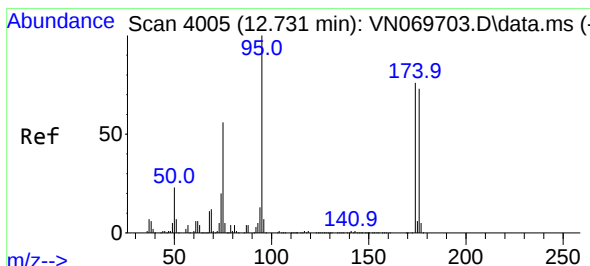
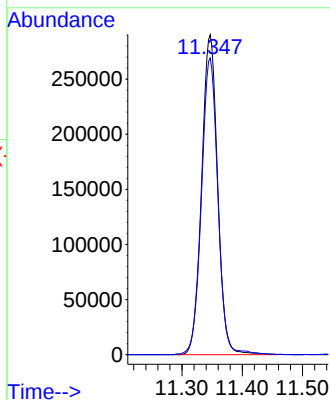
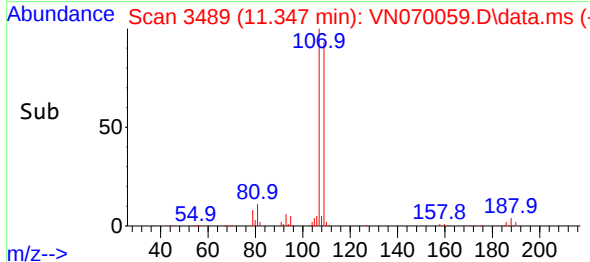
Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-07MSD



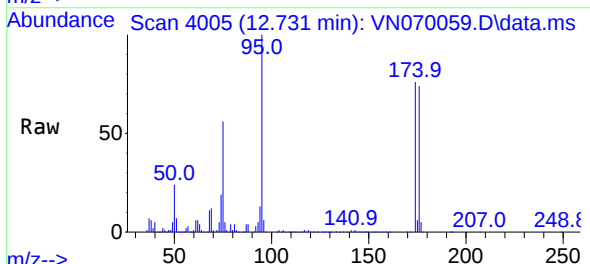
Tgt Ion:107 Resp: 53554
Ion Ratio Lower Upper
107 100
109 95.1 75.7 113.5

Manual Integrations
APPROVED

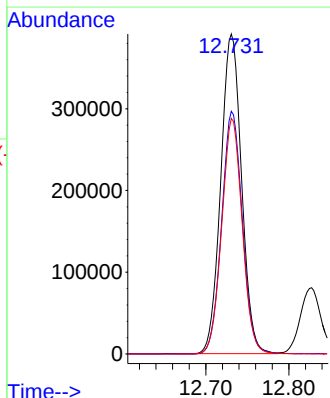
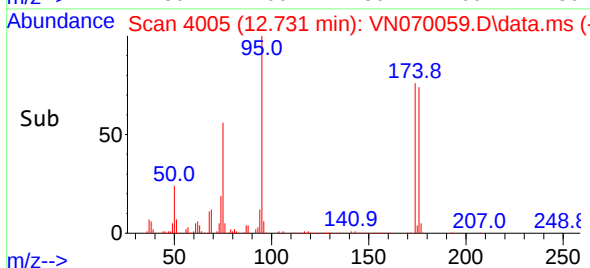
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021

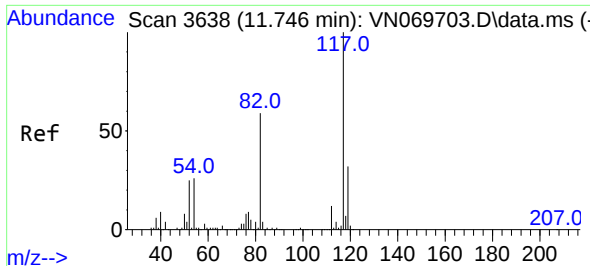


#62
4-Bromofluorobenzene
Concen: 47.641 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070059.D
Acq: 14 Dec 2021 3:57



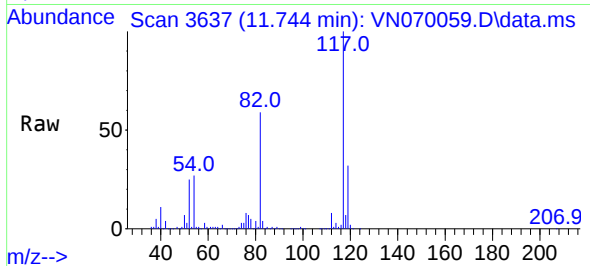
Tgt Ion: 95 Resp: 680564
Ion Ratio Lower Upper
95 100
174 75.6 0.0 187.2
176 72.6 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3638
Delta R.T. -0.002 min
Lab File: VN070059.D
Acq: 14 Dec 2021 3:57

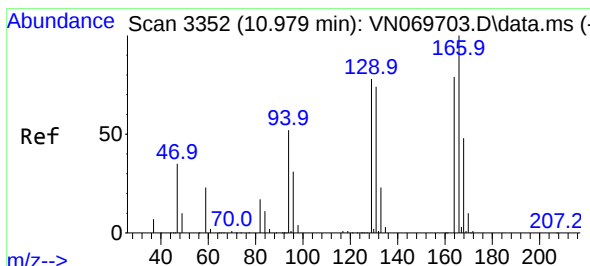
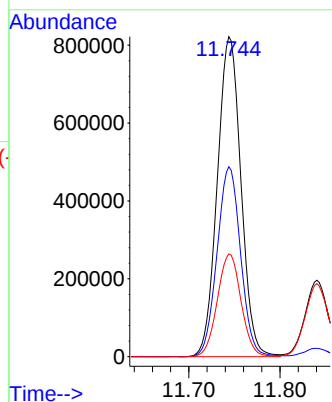
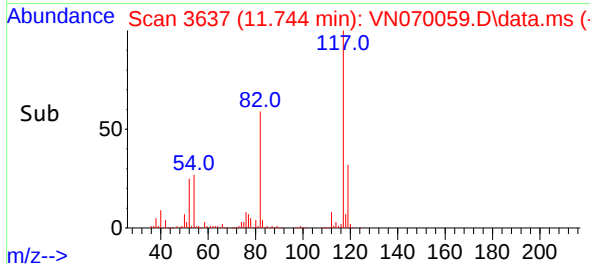
Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-07MSD



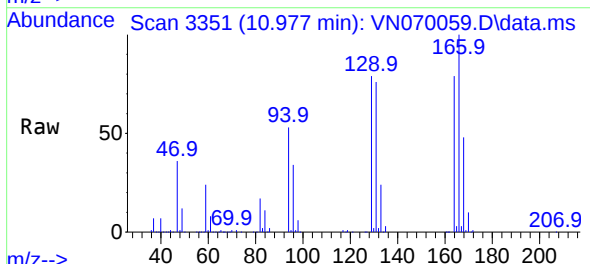
Tgt Ion:117 Resp: 1481244
Ion Ratio Lower Upper
117 100
82 59.3 42.4 63.6
119 32.1 25.4 38.2

Manual Integrations
APPROVED

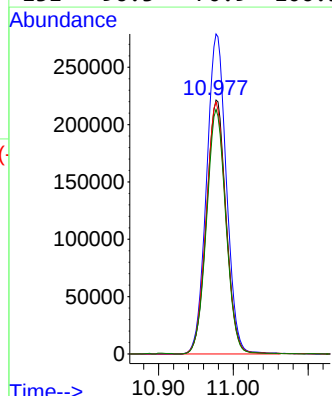
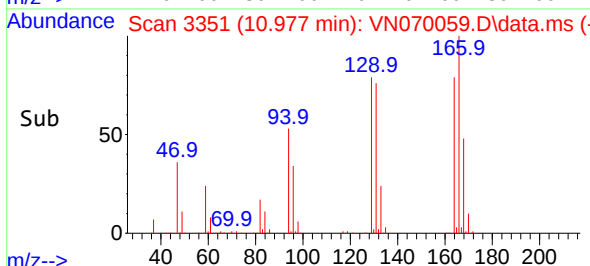
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021



#64
Tetrachloroethene
Concen: 40.266 ug/l
RT: 10.977 min Scan# 3351
Delta R.T. -0.002 min
Lab File: VN070059.D
Acq: 14 Dec 2021 3:57



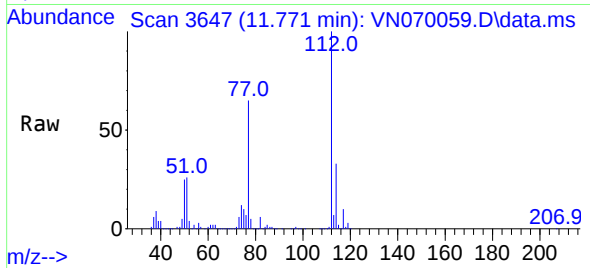
Tgt Ion:164 Resp: 404430
Ion Ratio Lower Upper
164 100
166 126.0 101.9 152.9
129 99.2 72.0 108.0
131 96.3 70.9 106.3





#65
Chlorobenzene
Concen: 45.130 ug/l
RT: 11.771 min Scan# 3647
Delta R.T. -0.000 min
Lab File: VN070059.D
Acq: 14 Dec 2021 3:57

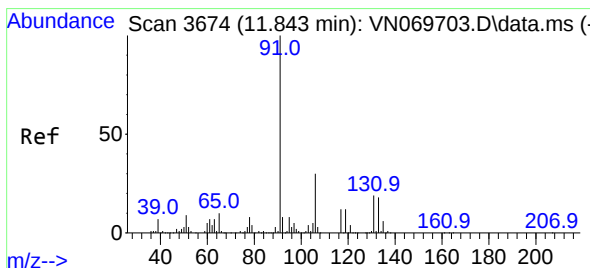
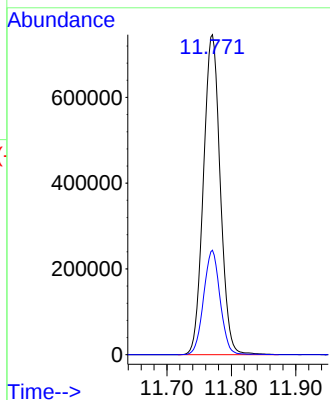
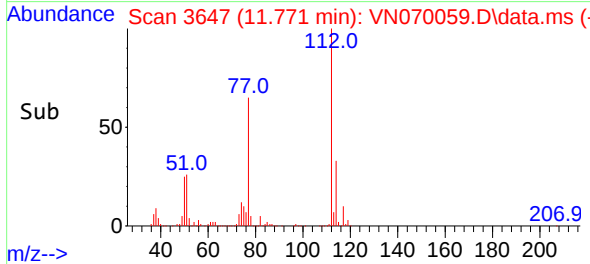
Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-07MSD



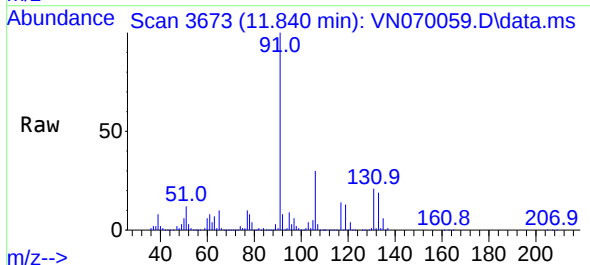
Tgt Ion:112 Resp: 1356158
Ion Ratio Lower Upper
112 100
114 32.7 25.4 38.0

Manual Integrations
APPROVED

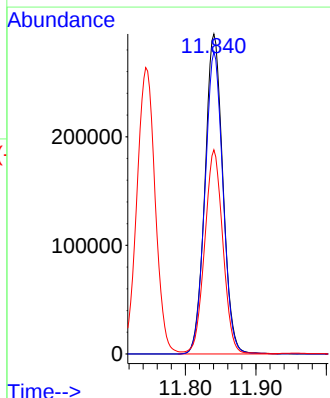
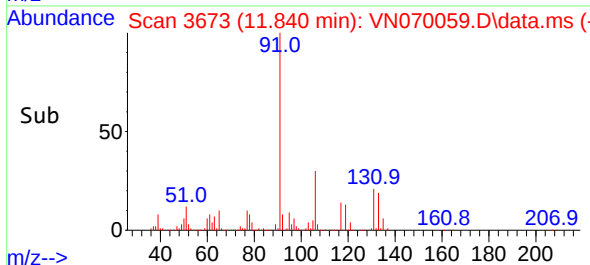
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021

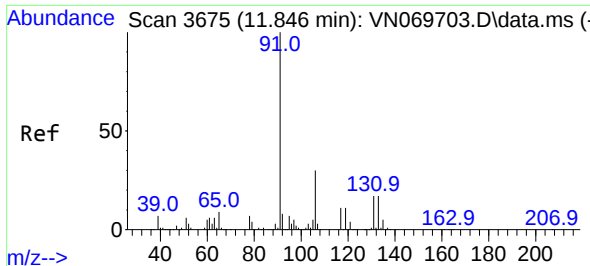


#66
1,1,1,2-Tetrachloroethane
Concen: 49.185 ug/l
RT: 11.840 min Scan# 3673
Delta R.T. -0.003 min
Lab File: VN070059.D
Acq: 14 Dec 2021 3:57



Tgt Ion:131 Resp: 520209
Ion Ratio Lower Upper
131 100
133 94.9 47.9 143.7
119 64.5 32.1 96.5





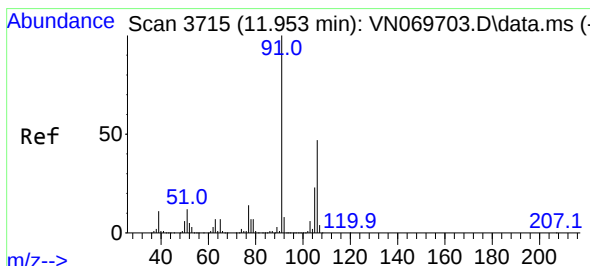
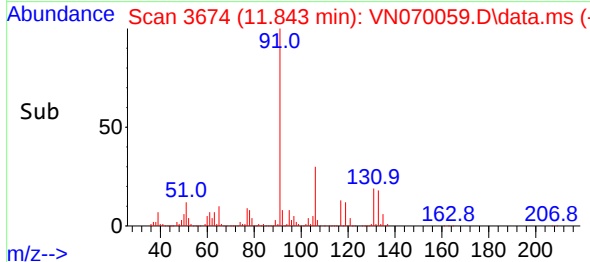
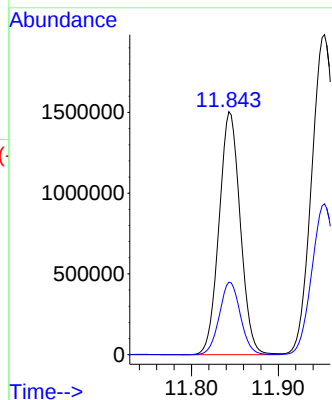
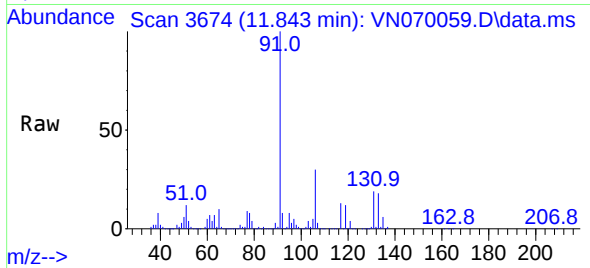
#67
Ethyl Benzene
Concen: 46.671 ug/l
RT: 11.843 min Scan# 30
Delta R.T. -0.003 min
Lab File: VN070059.D
Acq: 14 Dec 2021 3:57

Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-07MSD

Tgt Ion: 91 Resp: 254754
Ion Ratio Lower Upper
91 100
106 29.8 25.7 38.5

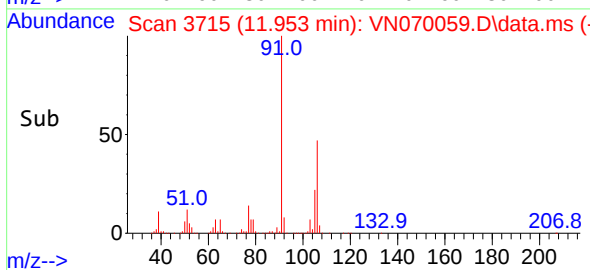
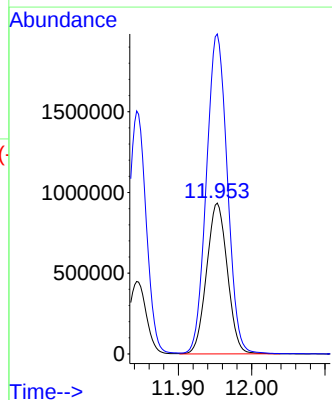
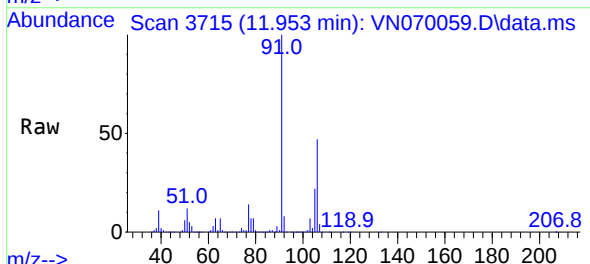
Manual Integrations
APPROVED

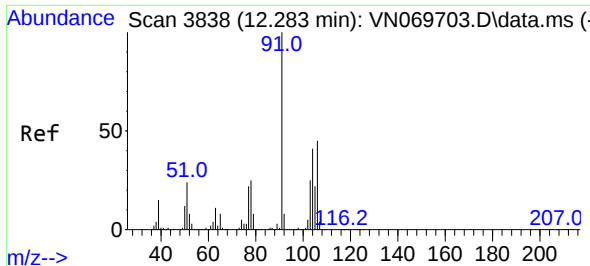
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021



#68
m/p-Xylenes
Concen: 92.382 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. 0.000 min
Lab File: VN070059.D
Acq: 14 Dec 2021 3:57

Tgt Ion:106 Resp: 1836085
Ion Ratio Lower Upper
106 100
91 214.0 160.6 240.8





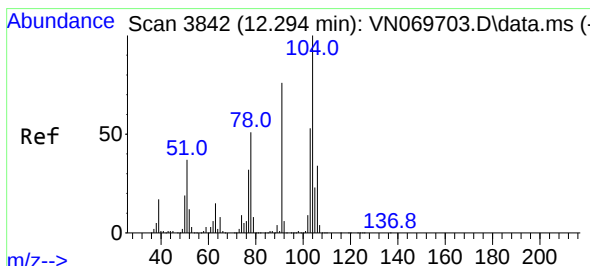
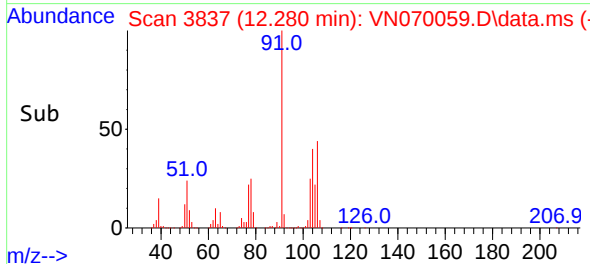
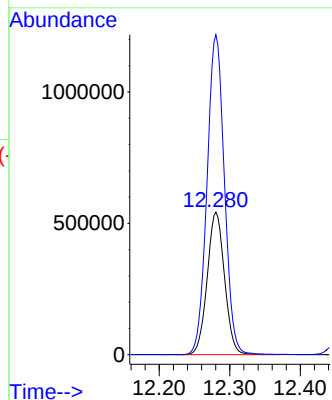
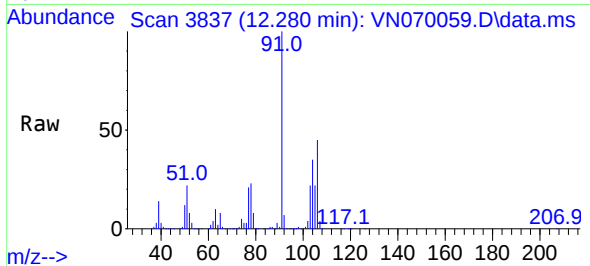
#69
o-Xylene
Concen: 46.280 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. -0.003 min
Lab File: VN070059.D
Acq: 14 Dec 2021 3:57

Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-07MSD

Tgt Ion:106 Resp: 926508
Ion Ratio Lower Upper
106 100
91 224.7 105.8 317.3

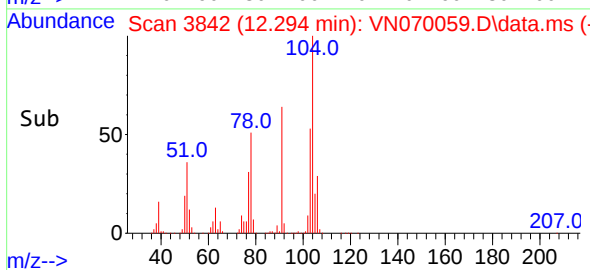
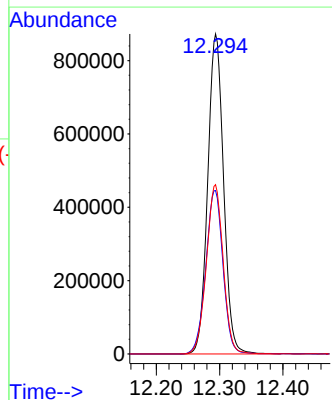
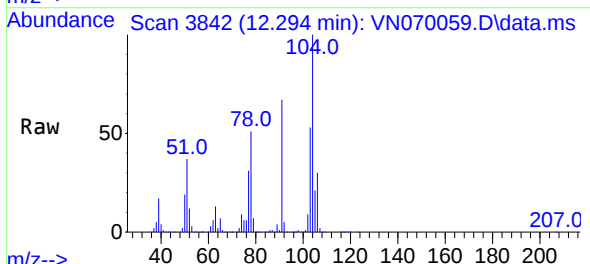
Manual Integrations
APPROVED

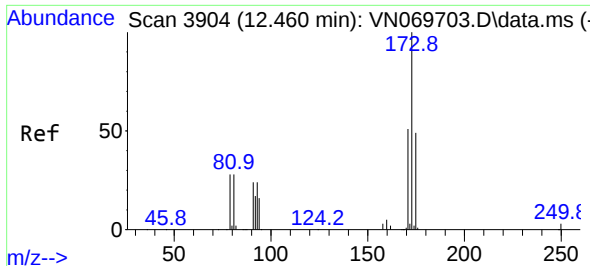
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021



#70
Styrene
Concen: 47.844 ug/l
RT: 12.294 min Scan# 3842
Delta R.T. -0.000 min
Lab File: VN070059.D
Acq: 14 Dec 2021 3:57

Tgt Ion:104 Resp: 1518792
Ion Ratio Lower Upper
104 100
78 55.4 38.7 58.1
103 56.3 45.0 67.6





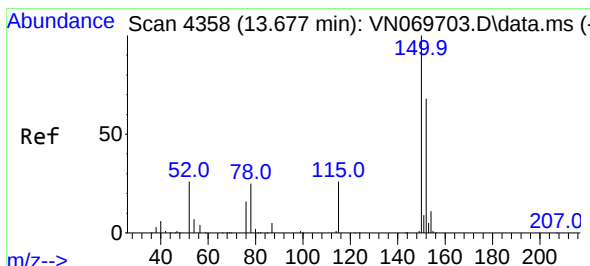
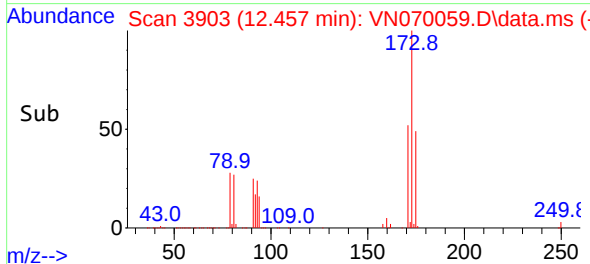
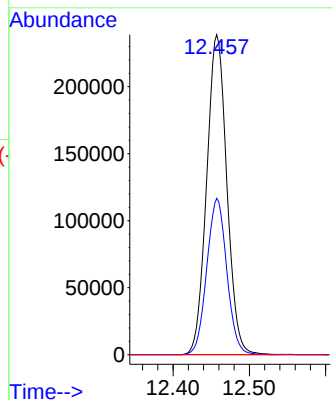
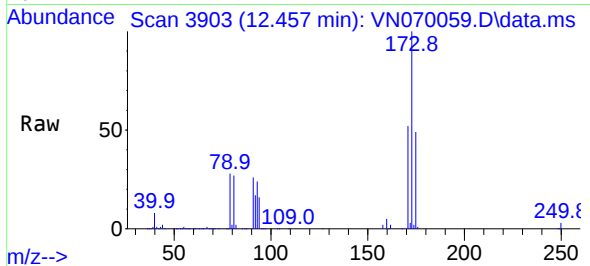
#71
Bromoform
Concen: 48.582 ug/l
RT: 12.457 min Scan# 3903
Delta R.T. -0.003 min
Lab File: VN070059.D
Acq: 14 Dec 2021 3:57

Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-07MSD

Tgt Ion:173 Resp: 43874
Ion Ratio Lower Upper
173 100
175 48.5 24.2 72.6
254 0.0 0.0 0.0

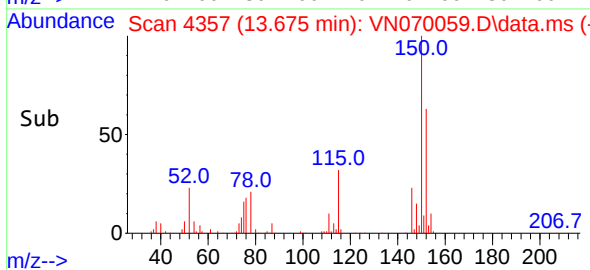
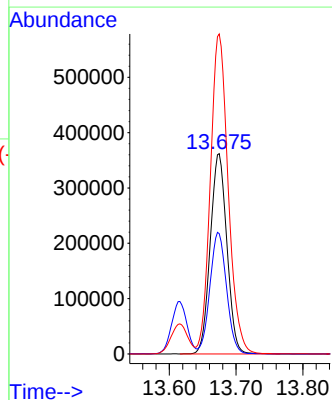
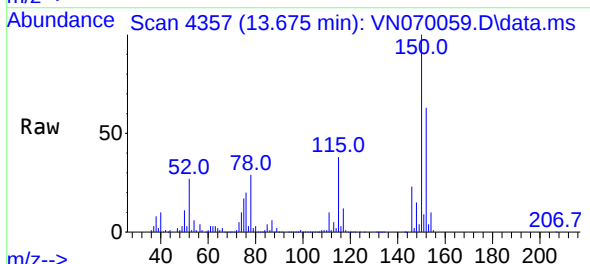
Manual Integrations
APPROVED

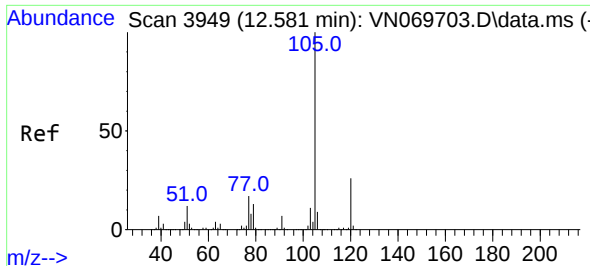
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.003 min
Lab File: VN070059.D
Acq: 14 Dec 2021 3:57

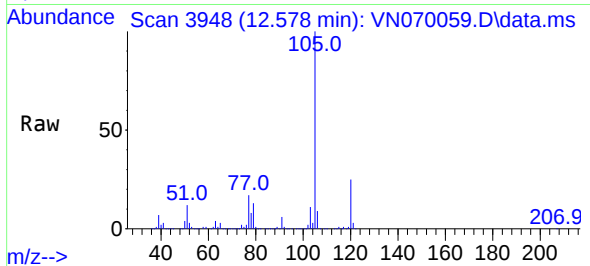
Tgt Ion:152 Resp: 625451
Ion Ratio Lower Upper
152 100
115 60.3 27.5 82.5
150 170.7 0.0 344.4





#73
Isopropylbenzene
Concen: 43.625 ug/l
RT: 12.578 min Scan# 3948
Delta R.T. -0.003 min
Lab File: VN070059.D
Acq: 14 Dec 2021 3:57

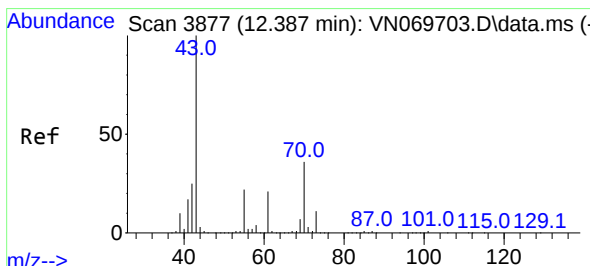
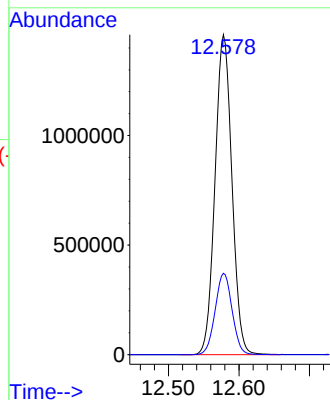
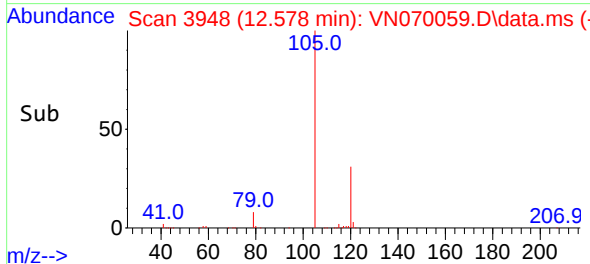
Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-07MSD



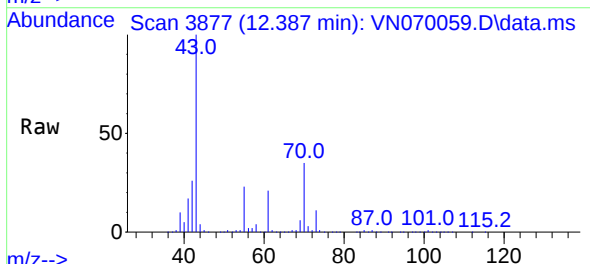
Tgt Ion:105 Resp: 2427639
Ion Ratio Lower Upper
105 100
120 25.6 13.4 40.1

Manual Integrations
APPROVED

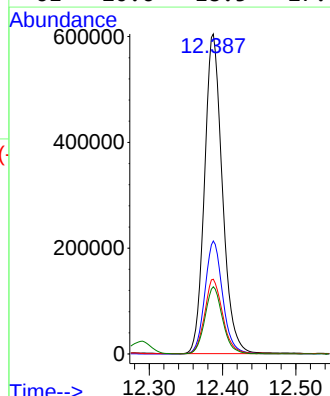
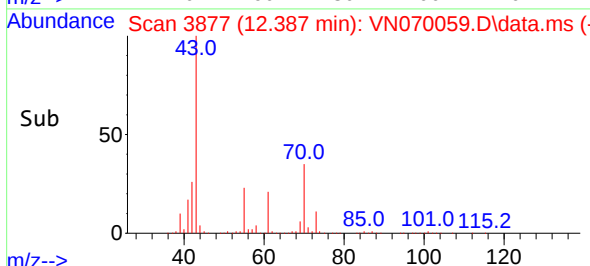
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021

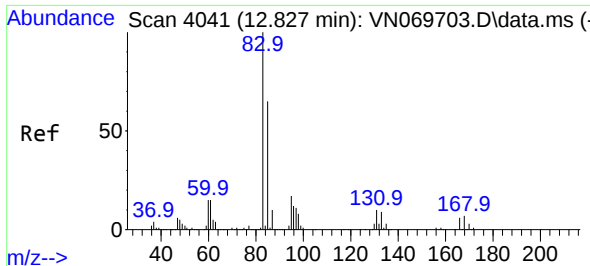


#74
N-amy1 acetate
Concen: 41.585 ug/l
RT: 12.387 min Scan# 3877
Delta R.T. 0.000 min
Lab File: VN070059.D
Acq: 14 Dec 2021 3:57



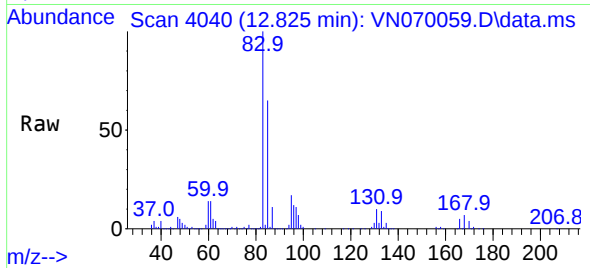
Tgt Ion: 43 Resp: 1023399
Ion Ratio Lower Upper
43 100
70 35.2 33.4 50.0
55 23.5 19.3 28.9
61 20.6 18.5 27.7





#75
1,1,2,2-Tetrachloroethane
Concen: 44.107 ug/l
RT: 12.825 min Scan# 4041
Delta R.T. -0.003 min
Lab File: VN070059.D
Acq: 14 Dec 2021 3:57

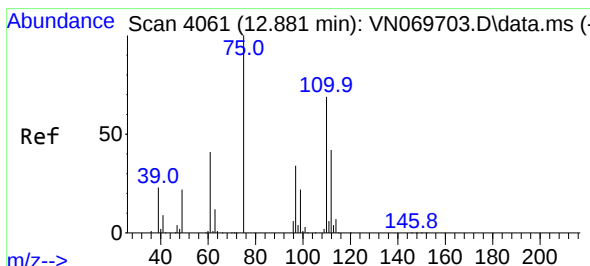
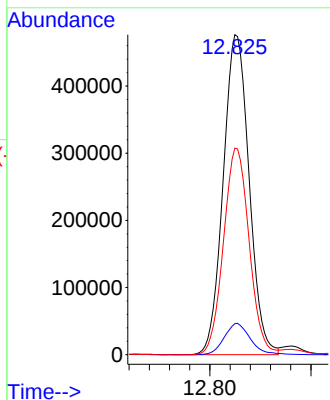
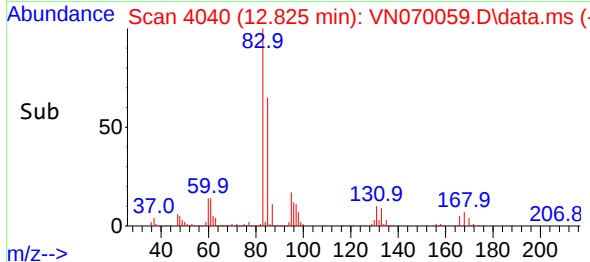
Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-07MSD



Tgt Ion: 83 Resp: 84874
Ion Ratio Lower Upper
83 100
131 9.8 5.5 16.5
85 63.9 32.4 97.2

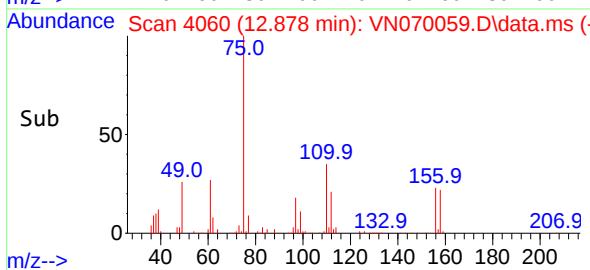
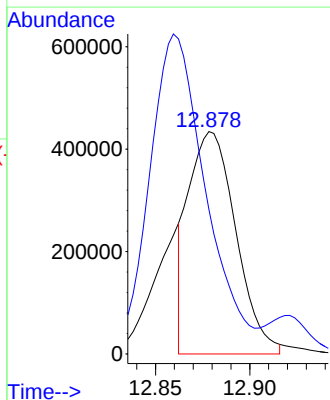
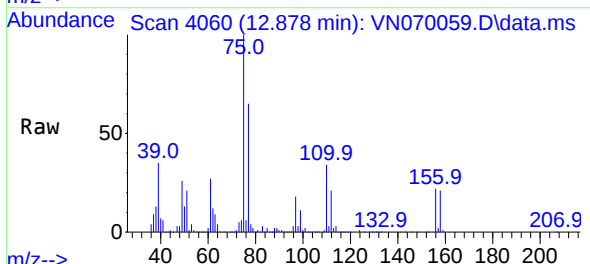
Manual Integrations
APPROVED

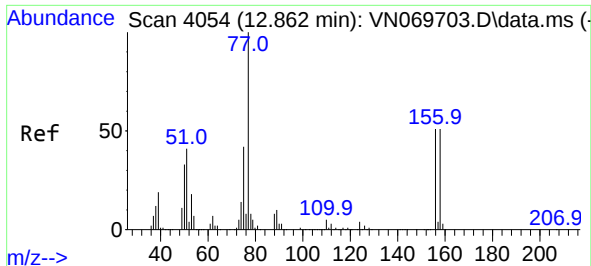
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021



#76
1,2,3-Trichloropropane
Concen: 42.277 ug/l m
RT: 12.878 min Scan# 4060
Delta R.T. -0.003 min
Lab File: VN070059.D
Acq: 14 Dec 2021 3:57

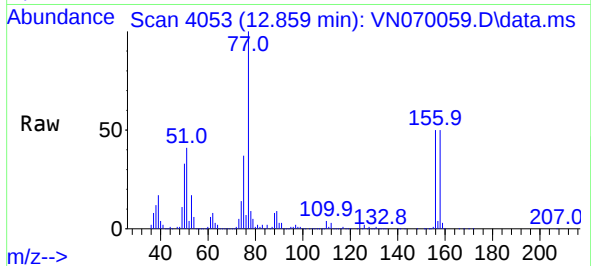
Tgt Ion: 75 Resp: 758296
Ion Ratio Lower Upper
75 100
77 170.6 82.6 247.8





#77
Bromobenzene
Concen: 43.394 ug/l
RT: 12.859 min Scan# 4053
Delta R.T. -0.003 min
Lab File: VN070059.D
Acq: 14 Dec 2021 3:57

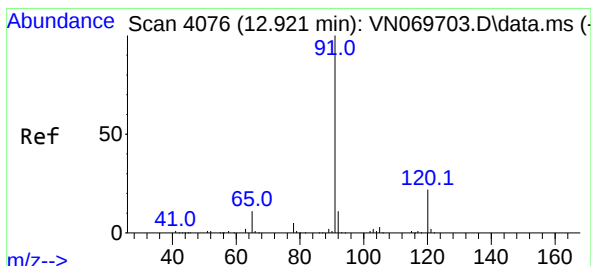
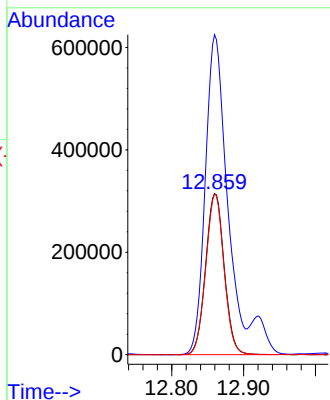
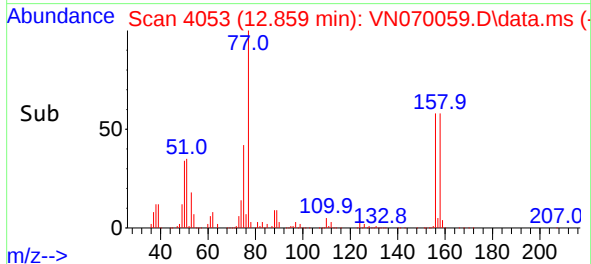
Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-07MSD



Tgt Ion:156 Resp: 56719
Ion Ratio Lower Upper
156 100
77 228.0 90.6 271.8
158 97.7 48.9 146.7

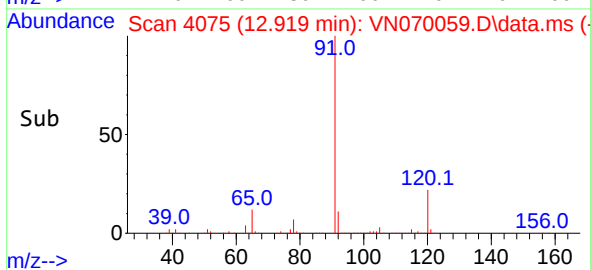
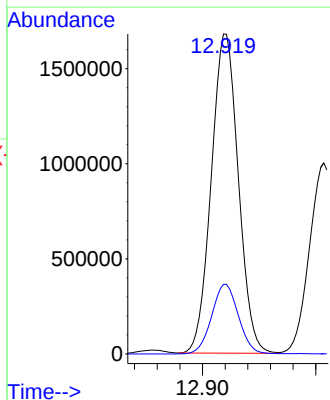
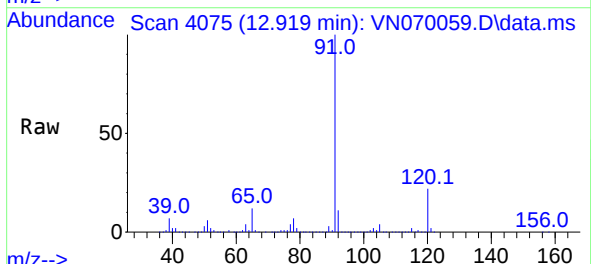
Manual Integrations
APPROVED

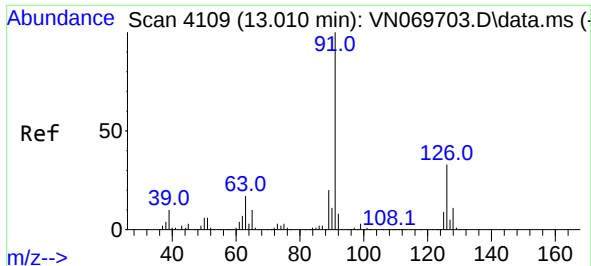
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021



#78
n-propylbenzene
Concen: 44.919 ug/l
RT: 12.919 min Scan# 4075
Delta R.T. -0.003 min
Lab File: VN070059.D
Acq: 14 Dec 2021 3:57

Tgt Ion: 91 Resp: 2781564
Ion Ratio Lower Upper
91 100
120 21.7 11.9 35.9





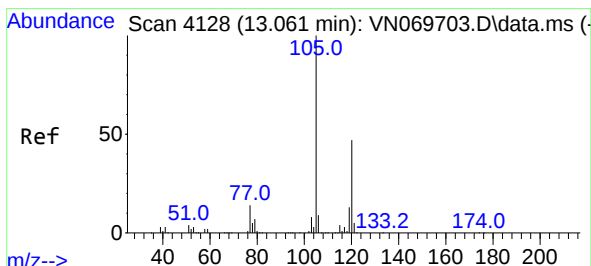
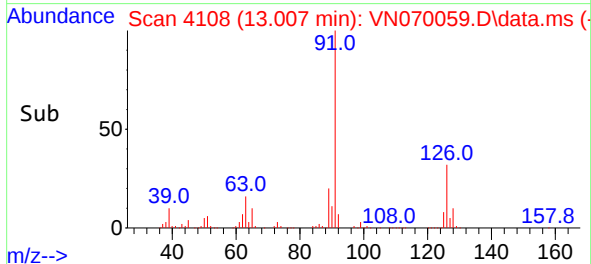
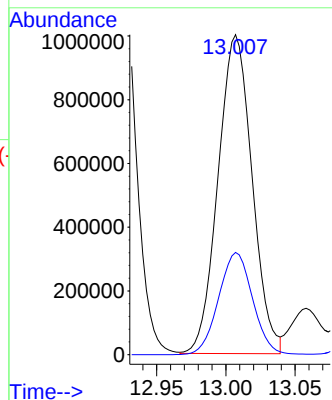
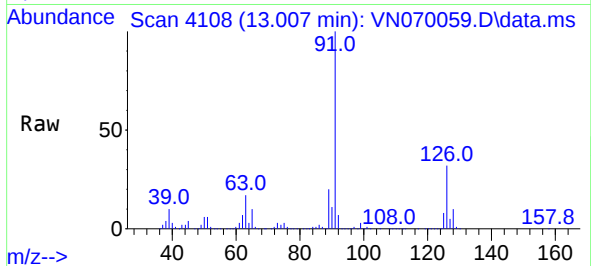
#79
2-Chlorotoluene
Concen: 43.805 ug/l
RT: 13.007 min Scan# 4109
Delta R.T. -0.003 min
Lab File: VN070059.D
Acq: 14 Dec 2021 3:57

Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-07MSD

Tgt Ion: 91 Resp: 1713972
Ion Ratio Lower Upper
91 100
126 32.0 18.3 54.8

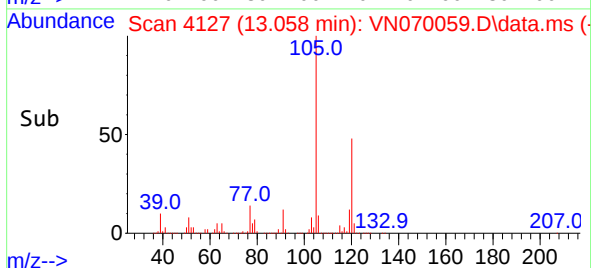
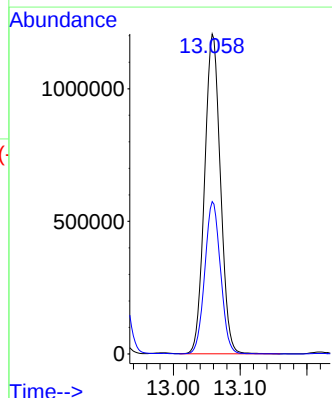
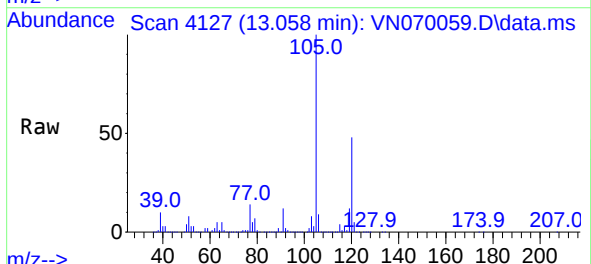
Manual Integrations
APPROVED

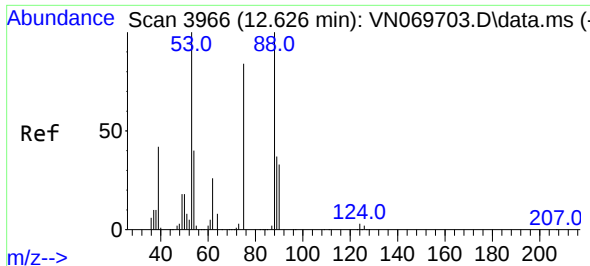
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021



#80
1,3,5-Trimethylbenzene
Concen: 44.378 ug/l
RT: 13.058 min Scan# 4127
Delta R.T. -0.003 min
Lab File: VN070059.D
Acq: 14 Dec 2021 3:57

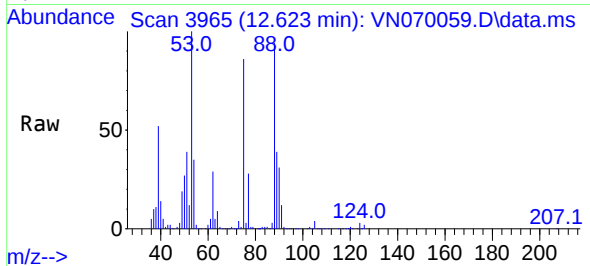
Tgt Ion:105 Resp: 1987678
Ion Ratio Lower Upper
105 100
120 47.1 24.6 73.6





#81
trans-1,4-Dichloro-2-butene
Concen: 42.123 ug/l
RT: 12.623 min Scan# 3966
Delta R.T. -0.003 min
Lab File: VN070059.D
Acq: 14 Dec 2021 3:57

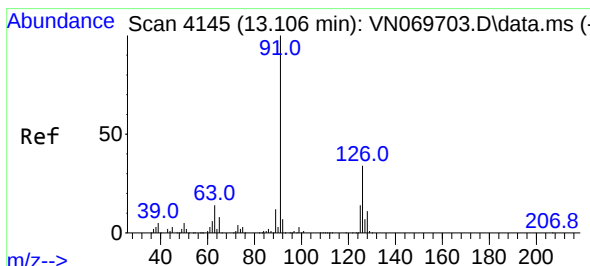
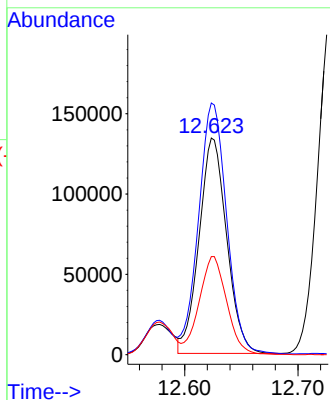
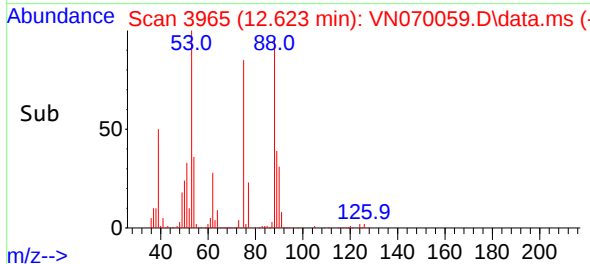
Instrument : MSVOA_N
ClientSampleId : TOLL-MW-07MSD



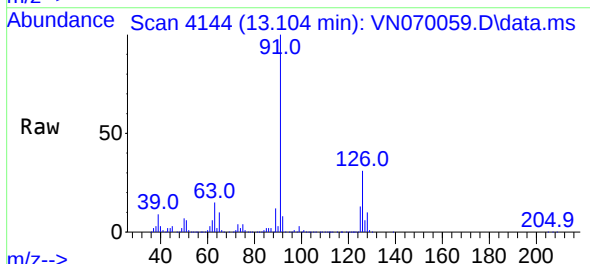
Tgt Ion: 75 Resp: 227033
Ion Ratio Lower Upper
75 100
53 119.1 90.5 135.7
89 45.5 38.2 57.4

Manual Integrations
APPROVED

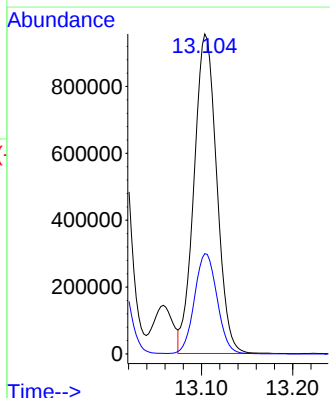
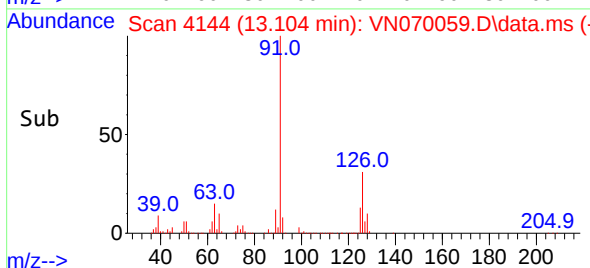
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021



#82
4-Chlorotoluene
Concen: 44.840 ug/l
RT: 13.104 min Scan# 4144
Delta R.T. -0.003 min
Lab File: VN070059.D
Acq: 14 Dec 2021 3:57



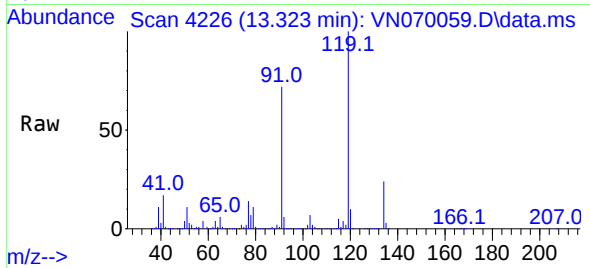
Tgt Ion: 91 Resp: 1649970
Ion Ratio Lower Upper
91 100
126 31.4 18.2 54.6





#83
tert-Butylbenzene
Concen: 43.984 ug/l
RT: 13.323 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN070059.D
Acq: 14 Dec 2021 3:57

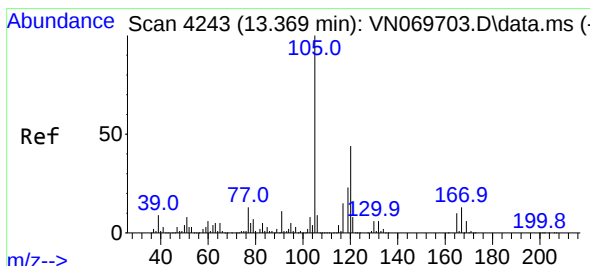
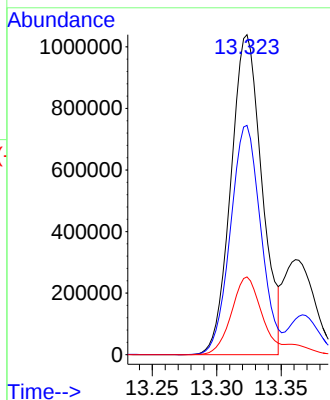
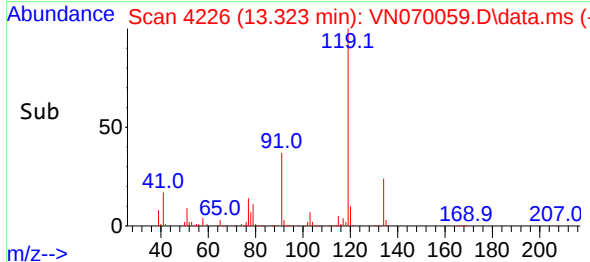
Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-07MSD



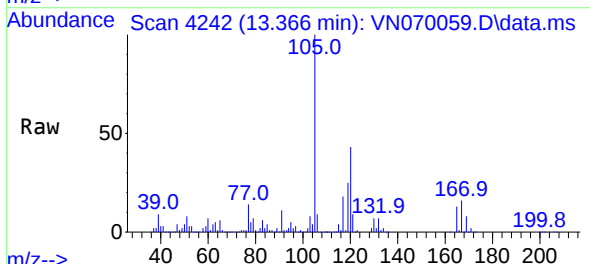
Tgt Ion:119 Resp: 1744425
Ion Ratio Lower Upper
119 100
91 70.3 31.5 94.5
134 24.0 12.4 37.4

Manual Integrations
APPROVED

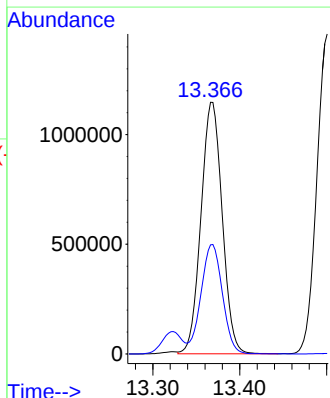
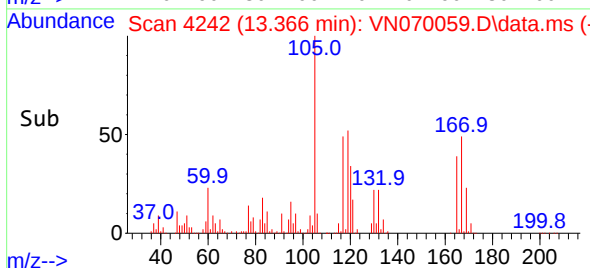
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021

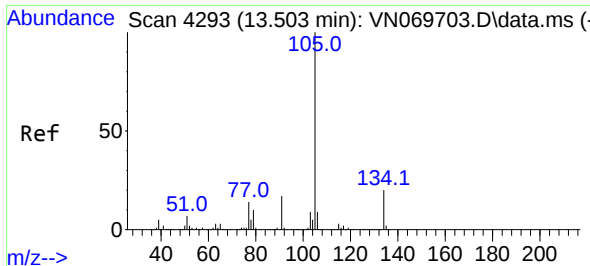


#84
1,2,4-Trimethylbenzene
Concen: 45.592 ug/l
RT: 13.366 min Scan# 4242
Delta R.T. -0.003 min
Lab File: VN070059.D
Acq: 14 Dec 2021 3:57



Tgt Ion:105 Resp: 1944784
Ion Ratio Lower Upper
105 100
120 43.8 22.8 68.4





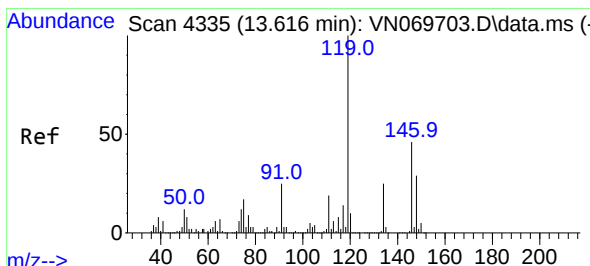
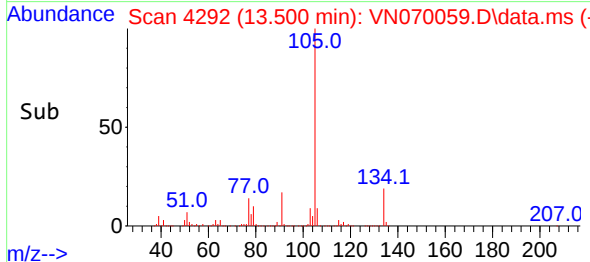
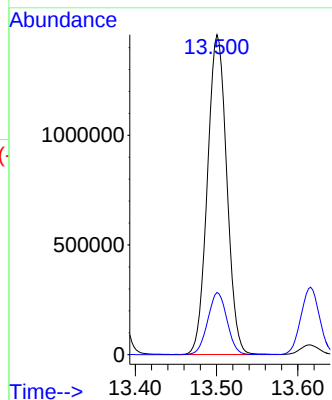
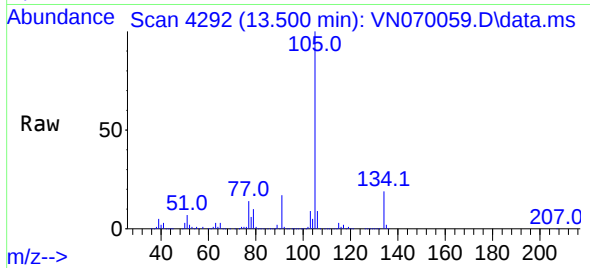
#85
 sec-Butylbenzene
 Concen: 44.851 ug/l
 RT: 13.500 min Scan# 4293
 Delta R.T. -0.003 min
 Lab File: VN070059.D
 Acq: 14 Dec 2021 3:57

Instrument :
 MSVOA_N
 ClientSampleId :
 TOLL-MW-07MSD

Tgt Ion:105 Resp: 241279
 Ion Ratio Lower Upper
 105 100
 134 19.4 10.4 31.1

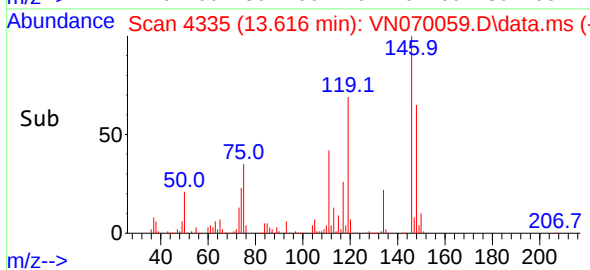
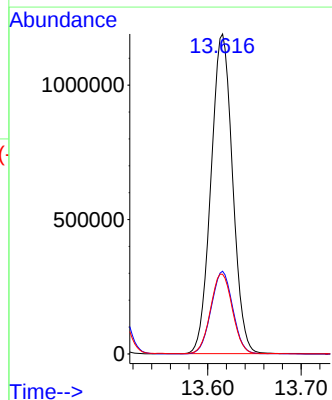
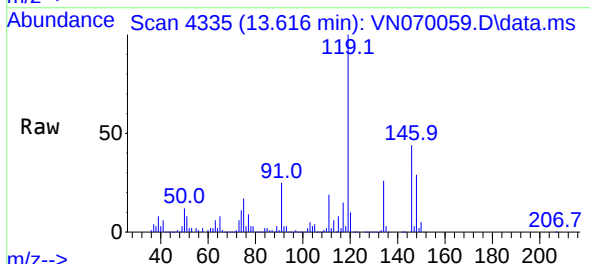
Manual Integrations
 APPROVED

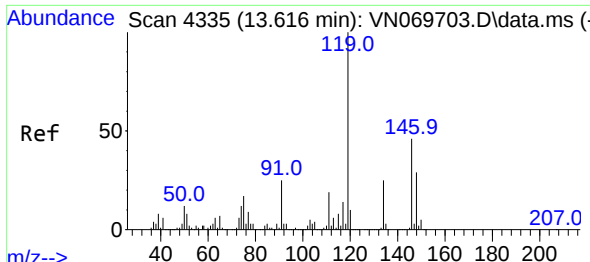
Reviewed By :John Carlone 12/14/2021
 Supervised By :Amit Patel 12/15/2021



#86
 p-Isopropyltoluene
 Concen: 45.368 ug/l
 RT: 13.616 min Scan# 4335
 Delta R.T. 0.000 min
 Lab File: VN070059.D
 Acq: 14 Dec 2021 3:57

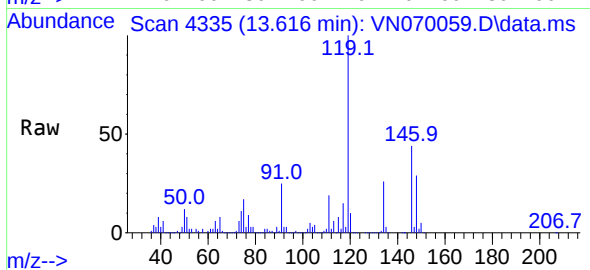
Tgt Ion:119 Resp: 1907705
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.6 40.7
 91 25.3 11.4 34.1





#87
1,3-Dichlorobenzene
Concen: 44.059 ug/l
RT: 13.616 min Scan# 4335
Delta R.T. 0.000 min
Lab File: VN070059.D
Acq: 14 Dec 2021 3:57

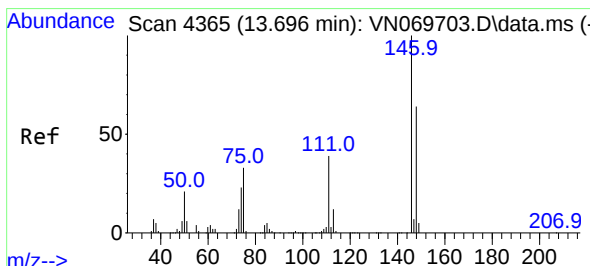
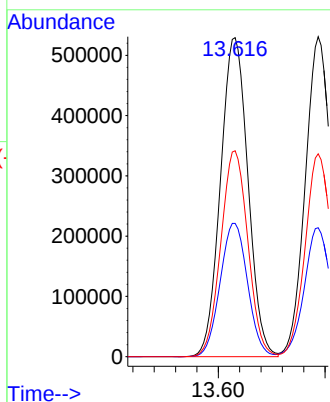
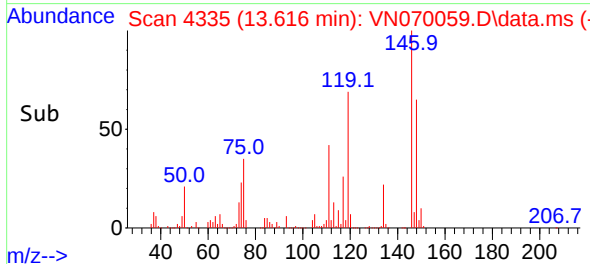
Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-07MSD



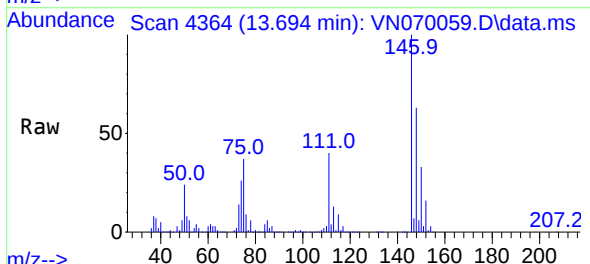
Tgt Ion:146 Resp: 946095
Ion Ratio Lower Upper
146 100
111 41.8 18.6 55.6
148 63.6 31.6 95.0

Manual Integrations
APPROVED

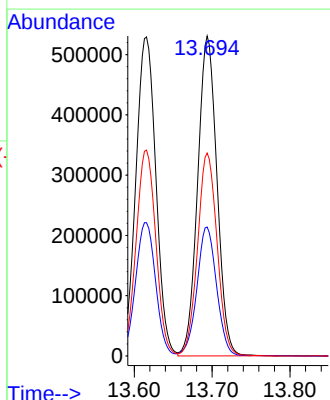
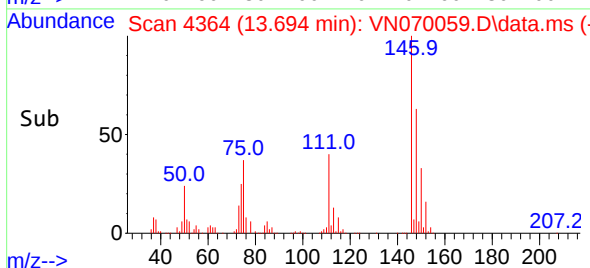
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021



#88
1,4-Dichlorobenzene
Concen: 43.424 ug/l
RT: 13.694 min Scan# 4364
Delta R.T. -0.003 min
Lab File: VN070059.D
Acq: 14 Dec 2021 3:57



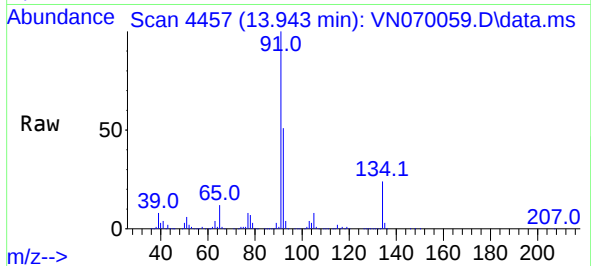
Tgt Ion:146 Resp: 916346
Ion Ratio Lower Upper
146 100
111 40.9 18.3 54.8
148 64.4 31.8 95.4





#89
n-Butylbenzene
Concen: 45.570 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. 0.000 min
Lab File: VN070059.D
Acq: 14 Dec 2021 3:57

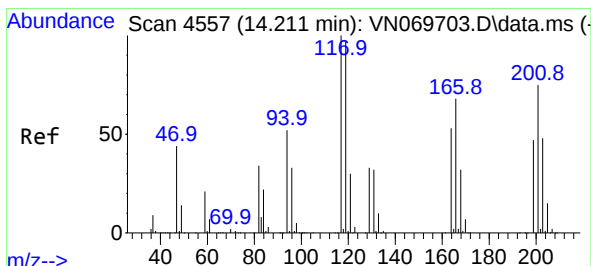
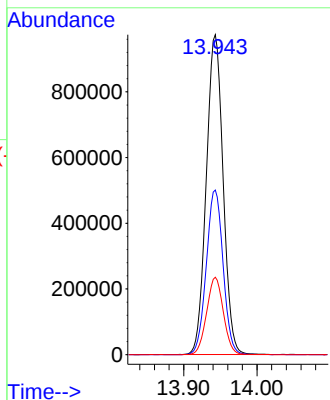
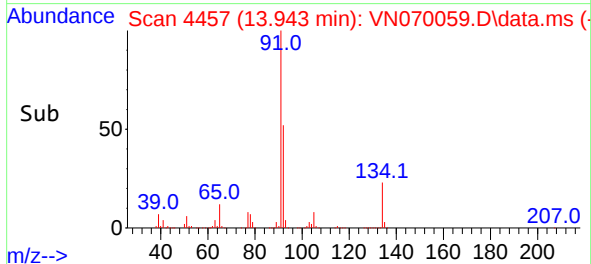
Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-07MSD



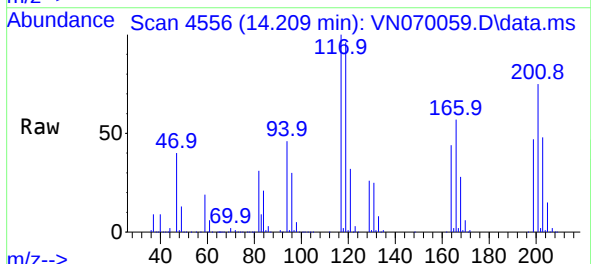
Tgt Ion: 91 Resp: 1554399
Ion Ratio Lower Upper
91 100
92 51.3 25.4 76.0
134 24.1 13.6 40.8

Manual Integrations
APPROVED

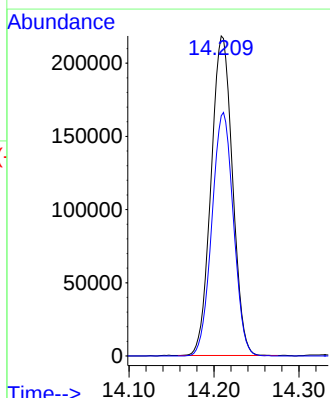
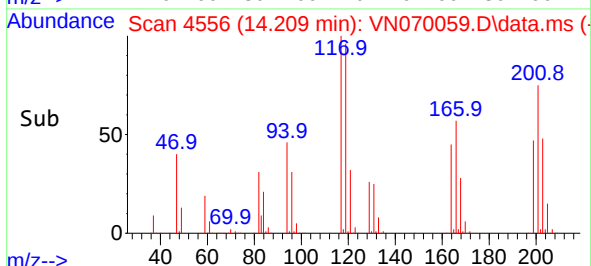
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021

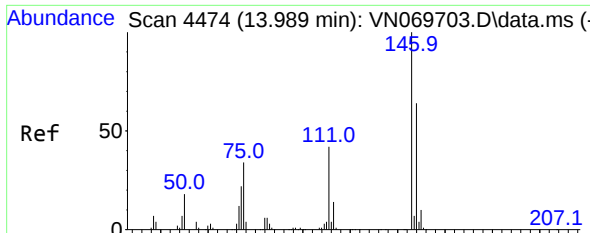


#90
Hexachloroethane
Concen: 51.858 ug/l
RT: 14.209 min Scan# 4556
Delta R.T. -0.003 min
Lab File: VN070059.D
Acq: 14 Dec 2021 3:57



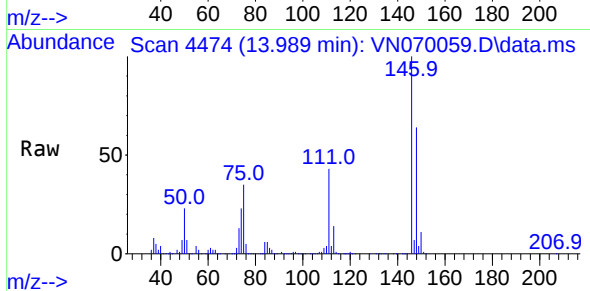
Tgt Ion:117 Resp: 382845
Ion Ratio Lower Upper
117 100
201 76.5 43.9 131.6





#91
1,2-Dichlorobenzene
Concen: 44.209 ug/l
RT: 13.989 min Scan# 4474
Delta R.T. 0.000 min
Lab File: VN070059.D
Acq: 14 Dec 2021 3:57

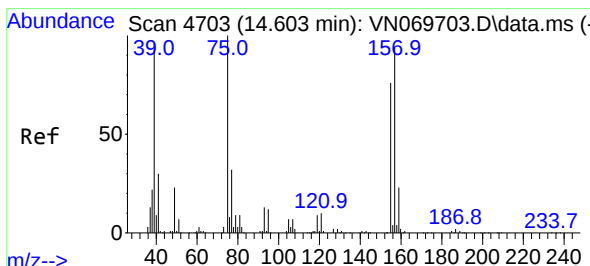
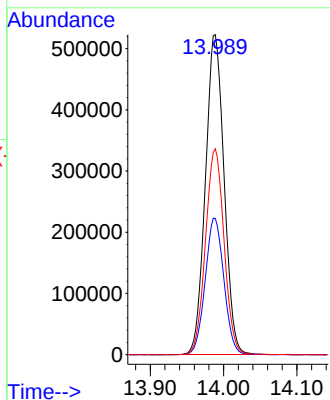
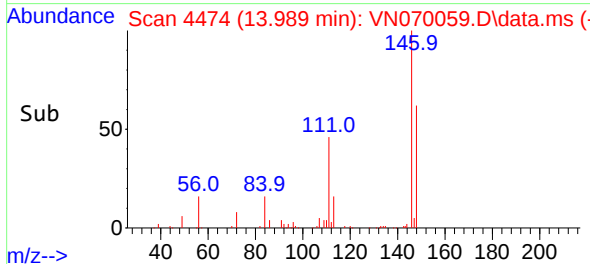
Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-07MSD



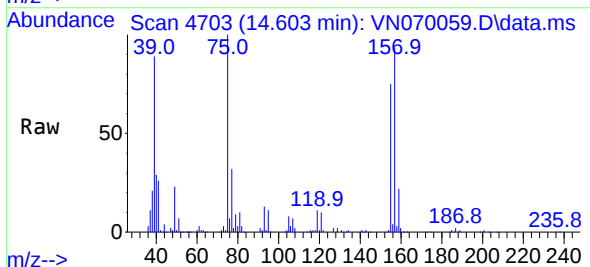
Tgt Ion:146 Resp: 924969
Ion Ratio Lower Upper
146 100
111 42.8 19.1 57.3
148 64.2 32.1 96.3

Manual Integrations
APPROVED

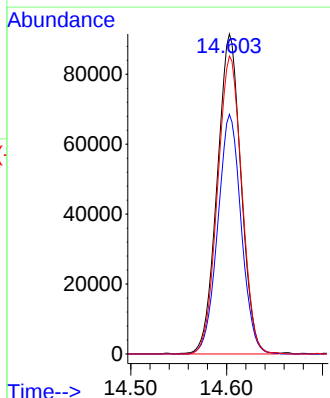
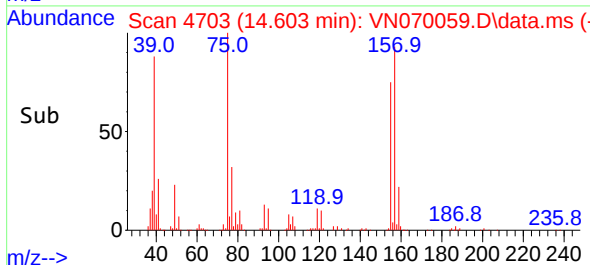
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021

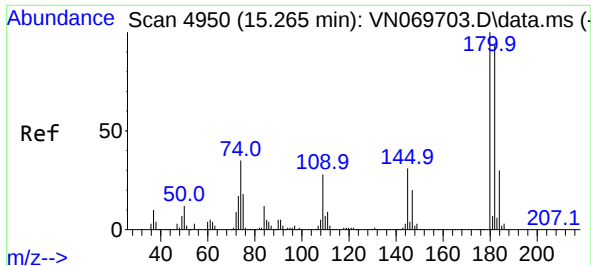


#92
1,2-Dibromo-3-Chloropropane
Concen: 45.400 ug/l
RT: 14.603 min Scan# 4703
Delta R.T. 0.000 min
Lab File: VN070059.D
Acq: 14 Dec 2021 3:57



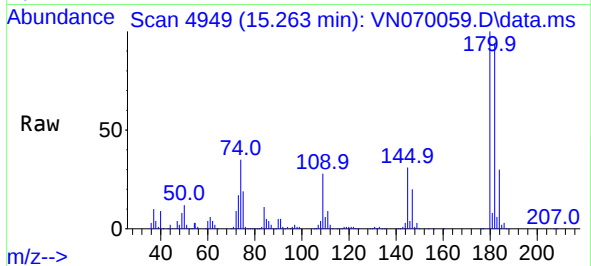
Tgt Ion: 75 Resp: 157865
Ion Ratio Lower Upper
75 100
155 73.7 46.9 140.7
157 94.8 60.6 181.7





#93
1,2,4-Trichlorobenzene
Concen: 42.639 ug/l
RT: 15.263 min Scan# 4950
Delta R.T. -0.002 min
Lab File: VN070059.D
Acq: 14 Dec 2021 3:57

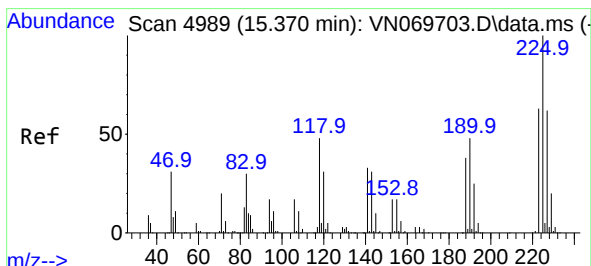
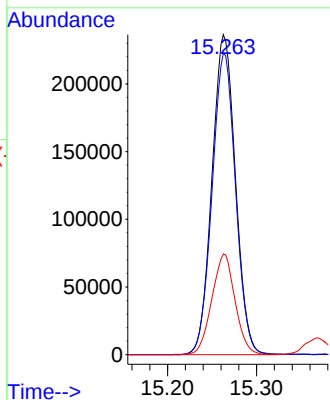
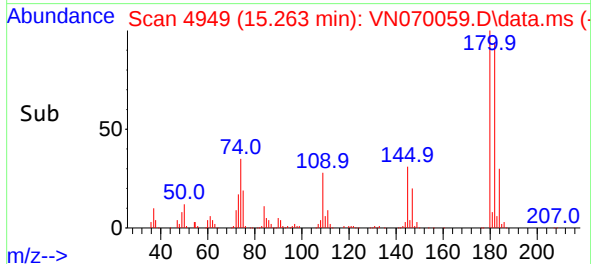
Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-07MSD



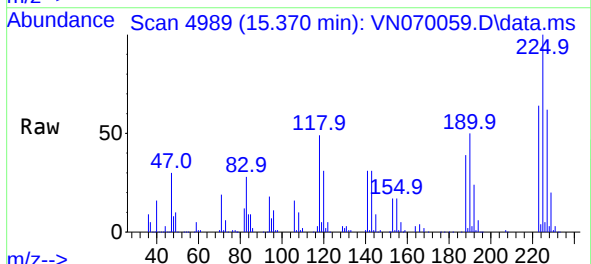
Tgt Ion:180 Resp: 432929
Ion Ratio Lower Upper
180 100
182 94.1 48.3 144.9
145 31.0 14.5 43.5

Manual Integrations
APPROVED

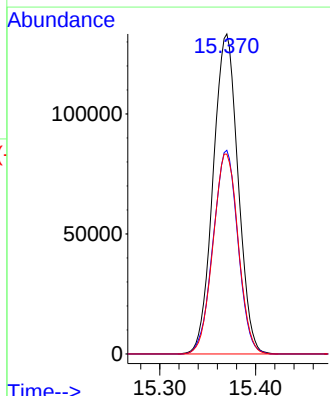
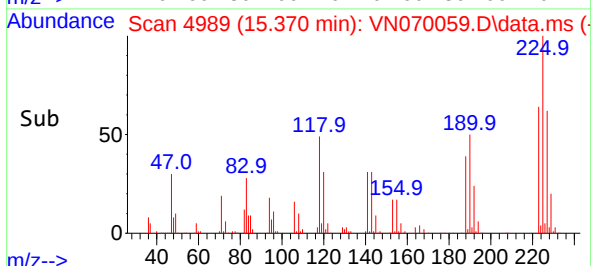
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021

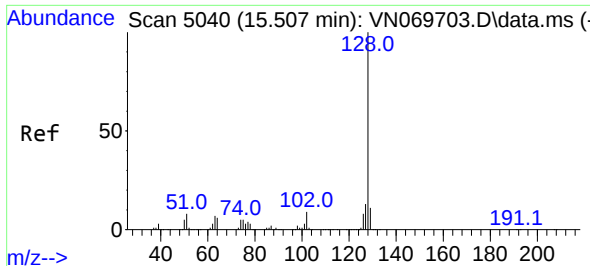


#94
Hexachlorobutadiene
Concen: 43.430 ug/l
RT: 15.370 min Scan# 4989
Delta R.T. 0.000 min
Lab File: VN070059.D
Acq: 14 Dec 2021 3:57



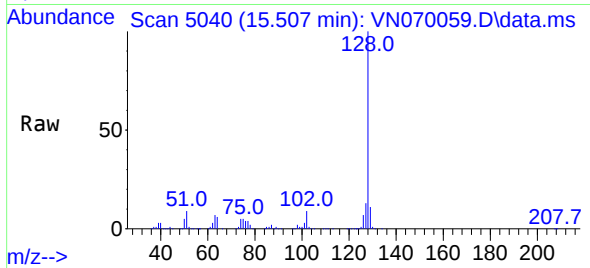
Tgt Ion:225 Resp: 240818
Ion Ratio Lower Upper
225 100
223 63.4 31.9 95.7
227 63.3 32.1 96.3





#95
Naphthalene
Concen: 40.564 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN070059.D
Acq: 14 Dec 2021 3:57

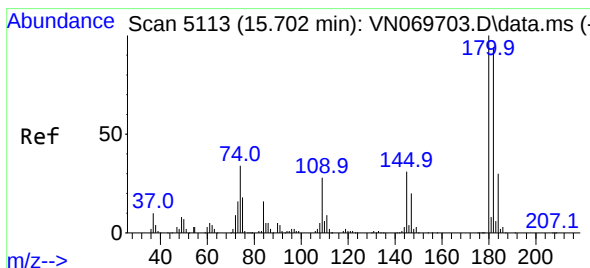
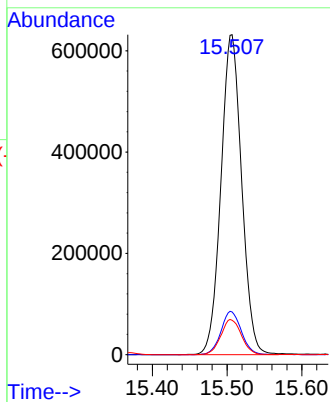
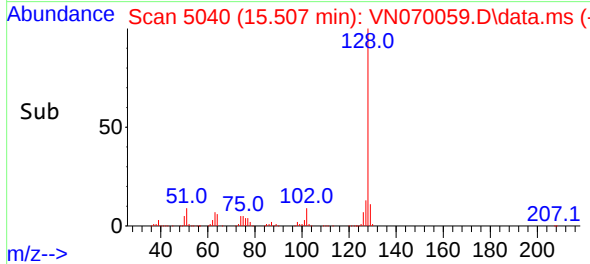
Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-07MSD



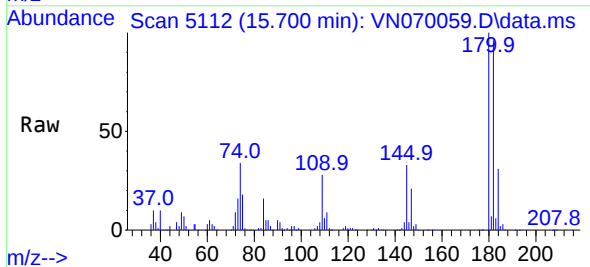
Tgt Ion:128 Resp: 121488
Ion Ratio Lower Upper
128 100
127 13.4 10.5 15.7
129 11.0 8.7 13.1

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 43.231 ug/l
RT: 15.700 min Scan# 5112
Delta R.T. -0.002 min
Lab File: VN070059.D
Acq: 14 Dec 2021 3:57



Tgt Ion:180 Resp: 428876
Ion Ratio Lower Upper
180 100
182 94.9 47.4 142.2
145 32.3 15.0 45.1

