

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062122\
 Data File : VN072991.D
 Acq On : 21 Jun 2022 18:21
 Operator : JC\MD
 Sample : N3370-04MSD
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TOLL-MW-07MSD

Quant Time: Jun 22 07:02:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061722W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 18 06:22:45 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 06/22/2022
 Supervised By : Mahesh Dadoda 06/23/2022

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	248137	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	435833	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	387133	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	181157	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	188480	56.183	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 112.360%			
35) Dibromofluoromethane	7.951	113	150202	55.757	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 111.520%			
50) Toluene-d8	10.375	98	551074	54.976	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 109.960%			
62) 4-Bromofluorobenzene	12.669	95	206405	57.264	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 114.520%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.046	85	127176	53.830	ug/l	98
3) Chloromethane	2.269	50	123886	48.795	ug/l	100
4) Vinyl Chloride	2.405	62	114790	54.178	ug/l	97
5) Bromomethane	2.793	94	49658	59.538	ug/l	99
6) Chloroethane	2.963	64	73966	55.801	ug/l	93
7) Trichlorofluoromethane	3.316	101	220247	63.834	ug/l	98
8) Diethyl Ether	3.769	74	97705	54.869	ug/l	86
9) 1,1,2-Trichlorotrifluo...	4.134	101	125401	52.579	ug/l	99
10) Methyl Iodide	4.351	142	113390	41.478	ug/l	98
11) Tert butyl alcohol	5.293	59	219593	253.403	ug/l	100
12) 1,1-Dichloroethene	4.116	96	125838	52.968	ug/l	97
13) Acrolein	3.981	56	83221	243.839	ug/l	100
14) Allyl chloride	4.757	41	268379	52.875	ug/l #	92
15) Acrylonitrile	5.481	53	553291	276.972	ug/l	99
16) Acetone	4.222	43	479543	260.044	ug/l	97
17) Carbon Disulfide	4.457	76	278344	45.728	ug/l	99
18) Methyl Acetate	4.781	43	247319	50.363	ug/l	92
19) Methyl tert-butyl Ether	5.534	73	557001	62.428	ug/l	100
20) Methylene Chloride	5.016	84	153240	53.591	ug/l	94
21) trans-1,2-Dichloroethene	5.516	96	131281	50.801	ug/l	92
22) Diisopropyl ether	6.410	45	555777	58.736	ug/l	93
23) Vinyl Acetate	6.351	43	2419180	276.959	ug/l	94
24) 1,1-Dichloroethane	6.304	63	276607	55.758	ug/l	99
25) 2-Butanone	7.263	43	800762	273.645	ug/l	91
26) 2,2-Dichloropropane	7.251	77	201421	48.900	ug/l	100
27) cis-1,2-Dichloroethene	7.245	96	172388	55.835	ug/l	98
28) Bromochloromethane	7.581	49	114826	55.968	ug/l	85
29) Tetrahydrofuran	7.610	42	522581	270.432	ug/l	88
30) Chloroform	7.751	83	281808	56.114	ug/l	99
31) Cyclohexane	8.022	56	221775	48.871	ug/l	91
32) 1,1,1-Trichloroethane	7.939	97	246218	55.869	ug/l	98
36) 1,1-Dichloropropene	8.145	75	191871	52.638	ug/l	99
37) Ethyl Acetate	7.339	43	297496	51.025	ug/l	96
38) Carbon Tetrachloride	8.134	117	203832	53.163	ug/l	98
39) Methylcyclohexane	9.392	83	221124	50.329	ug/l	95
40) Benzene	8.386	78	609412	53.198	ug/l	98

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Manual Integrations
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Reviewed By : John Carlone 06/22/2022
 Supervised By : Mahesh Dadoda 06/23/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.563	41	153515	55.525	ug/l #	86
42) 1,2-Dichloroethane	8.463	62	226900	55.766	ug/l	99
43) Isopropyl Acetate	8.492	43	513590	61.624	ug/l #	89
44) Trichloroethene	9.145	130	149360	51.449	ug/l	94
45) 1,2-Dichloropropane	9.422	63	161238	55.064	ug/l	99
46) Dibromomethane	9.510	93	108760	54.931	ug/l	94
47) Bromodichloromethane	9.698	83	225566	57.325	ug/l	100
48) Methyl methacrylate	9.492	41	216107	56.794	ug/l	90
49) 1,4-Dioxane	9.504	88	81150	947.827	ug/l #	90
51) 4-Methyl-2-Pentanone	10.269	43	1536629	282.740	ug/l	91
52) Toluene	10.439	92	384882	54.724	ug/l	100
53) t-1,3-Dichloropropene	10.657	75	241889	57.160	ug/l	100
54) cis-1,3-Dichloropropene	10.128	75	255136	55.196	ug/l #	88
55) 1,1,2-Trichloroethane	10.833	97	165528	53.602	ug/l	99
56) Ethyl methacrylate	10.698	69	279410	56.450	ug/l #	83
57) 1,3-Dichloropropane	10.980	76	278846	54.427	ug/l	100
59) 2-Hexanone	11.022	43	1186462	282.256	ug/l	90
60) Dibromochloromethane	11.175	129	170555	58.439	ug/l	100
61) 1,2-Dibromoethane	11.280	107	169788	55.771	ug/l	98
64) Tetrachloroethene	10.910	164	119994	50.951	ug/l	97
65) Chlorobenzene	11.704	112	410817	54.337	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.780	131	158543	55.095	ug/l	99
67) Ethyl Benzene	11.780	91	750396	56.382	ug/l	100
68) m/p-Xylenes	11.892	106	569109	109.023	ug/l	96
69) o-Xylene	12.216	106	288078	55.228	ug/l	97
70) Styrene	12.227	104	473137	56.483	ug/l	99
71) Bromoform	12.392	173	126678	58.385	ug/l #	100
73) Isopropylbenzene	12.516	105	750355	53.540	ug/l	99
74) N-amyl acetate	12.327	43	384507	52.869	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.763	83	264764	52.457	ug/l	99
76) 1,2,3-Trichloropropane	12.816	75	206548m	47.027	ug/l	
77) Bromobenzene	12.798	156	174458	51.961	ug/l	88
78) n-propylbenzene	12.857	91	863948	56.044	ug/l	97
79) 2-Chlorotoluene	12.945	91	527069	52.800	ug/l	97
80) 1,3,5-Trimethylbenzene	12.992	105	618673	53.742	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.563	75	85065	52.305	ug/l	94
82) 4-Chlorotoluene	13.039	91	512465	54.260	ug/l	98
83) tert-Butylbenzene	13.257	119	574373	54.478	ug/l	98
84) 1,2,4-Trimethylbenzene	13.304	105	617302	53.837	ug/l	97
85) sec-Butylbenzene	13.433	105	779518	55.425	ug/l	99
86) p-Isopropyltoluene	13.551	119	629812	55.310	ug/l	99
87) 1,3-Dichlorobenzene	13.551	146	315581	52.648	ug/l	99
88) 1,4-Dichlorobenzene	13.627	146	318923	52.568	ug/l	99
89) n-Butylbenzene	13.880	91	518326	55.746	ug/l	98
90) Hexachloroethane	14.145	117	119587	55.708	ug/l	88
91) 1,2-Dichlorobenzene	13.921	146	327886	52.452	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.539	75	64967	51.044	ug/l	93
93) 1,2,4-Trichlorobenzene	15.192	180	183287	52.980	ug/l	98
94) Hexachlorobutadiene	15.298	225	74421	49.434	ug/l	98
95) Naphthalene	15.427	128	720146	51.458	ug/l	99
96) 1,2,3-Trichlorobenzene	15.621	180	188177	50.938	ug/l	98

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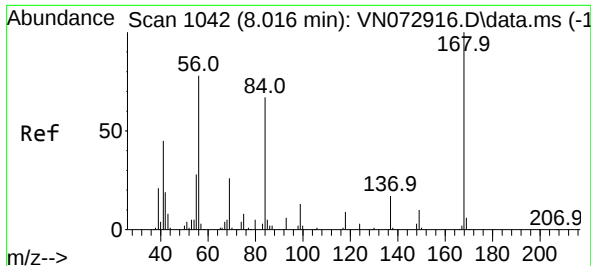
Manual Integrations
APPROVED

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 Quant Title : SW846 8260
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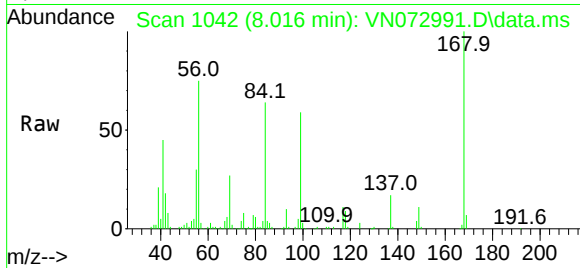
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN072991.D
Acq: 21 Jun 2022 18:21

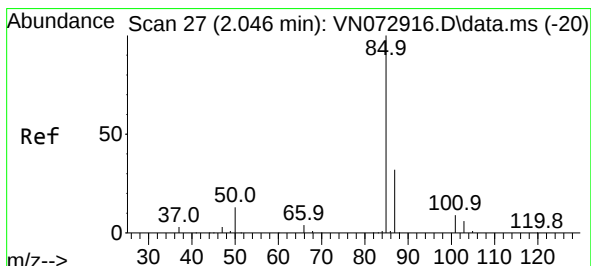
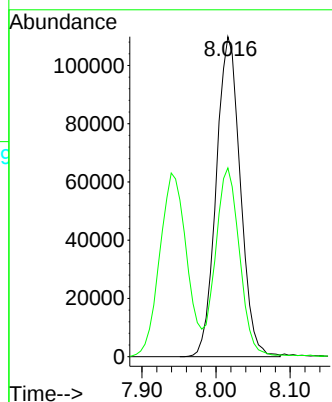
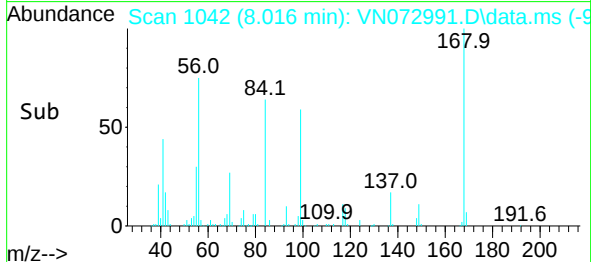
Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-07MSD



Tgt Ion:168 Resp: 24813
Ion Ratio Lower Upper
168 100
99 58.5 42.3 63.5

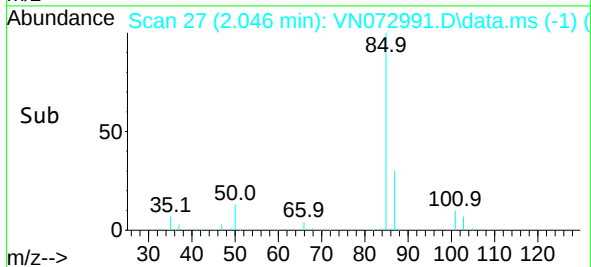
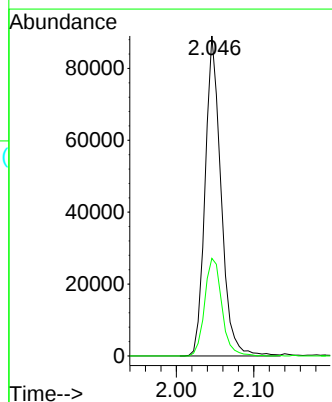
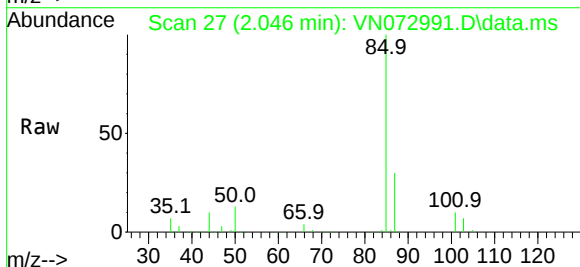
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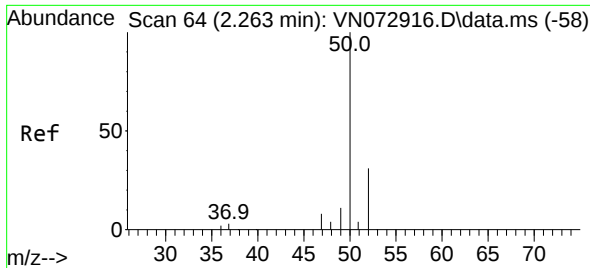
Reviewed By :John Carlone 06/22/2022
Supervised By :Mahesh Dadoda 06/23/2022



#2
Dichlorodifluoromethane
Concen: 53.830 ug/l
RT: 2.046 min Scan# 27
Delta R.T. 0.000 min
Lab File: VN072991.D
Acq: 21 Jun 2022 18:21

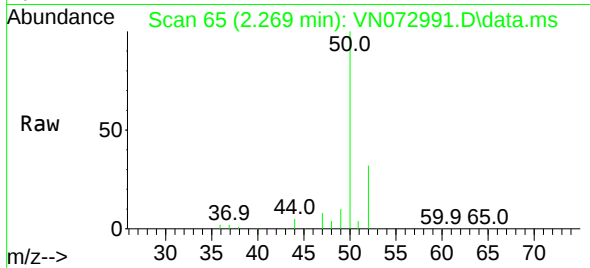
Tgt Ion: 85 Resp: 127176
Ion Ratio Lower Upper
85 100
87 30.5 15.7 47.1





#3
Chloromethane
Concen: 48.795 ug/l
RT: 2.269 min Scan# 64
Delta R.T. 0.006 min
Lab File: VN072991.D
Acq: 21 Jun 2022 18:21

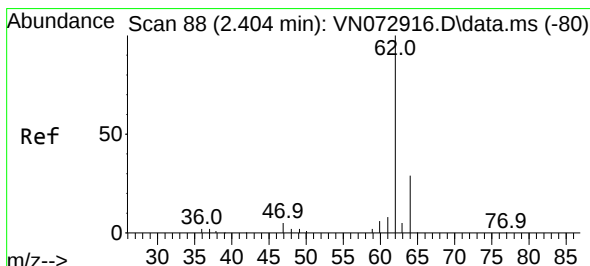
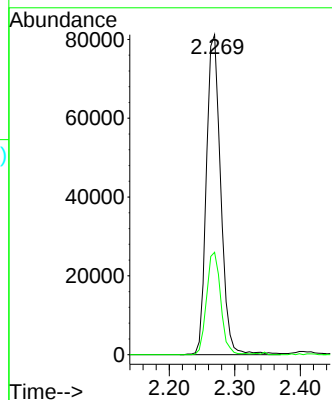
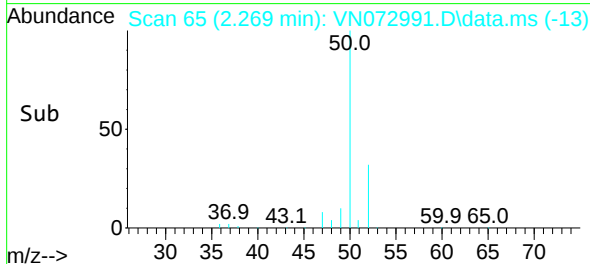
Instrument :
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Tgt Ion: 50 Resp: 123880
Ion Ratio Lower Upper
50 100
52 32.0 25.7 38.5

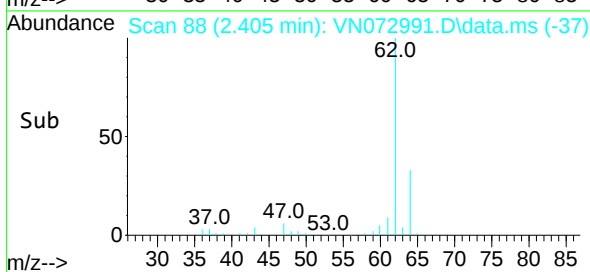
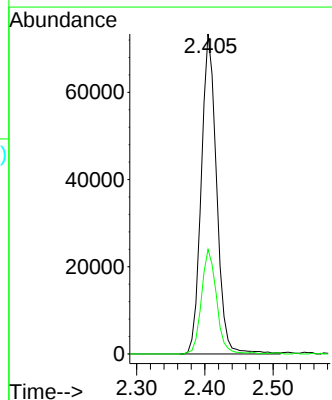
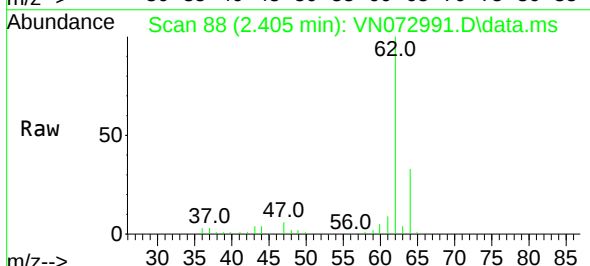
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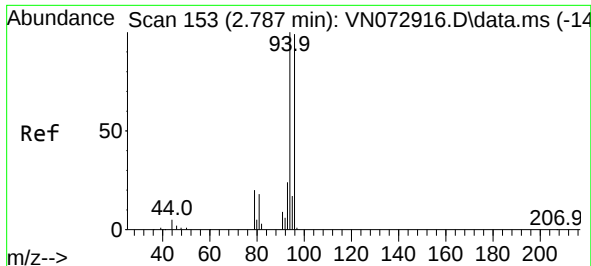
Reviewed By :John Carlone 06/22/2022
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#4
Vinyl Chloride
Concen: 54.178 ug/l
RT: 2.405 min Scan# 88
Delta R.T. 0.000 min
Lab File: VN072991.D
Acq: 21 Jun 2022 18:21

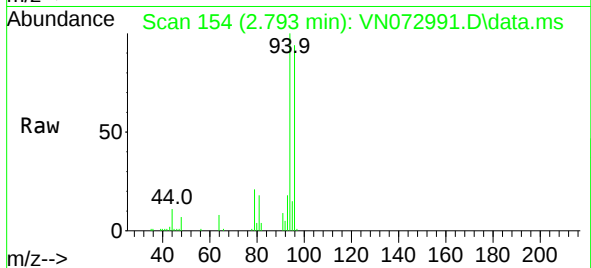
Tgt Ion: 62 Resp: 114790
Ion Ratio Lower Upper
62 100
64 32.7 25.0 37.4





#5
Bromomethane
Concen: 59.538 ug/l
RT: 2.793 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN072991.D
Acq: 21 Jun 2022 18:21

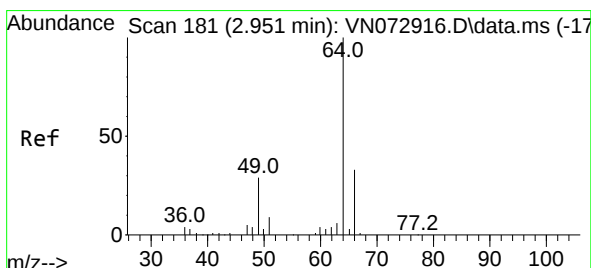
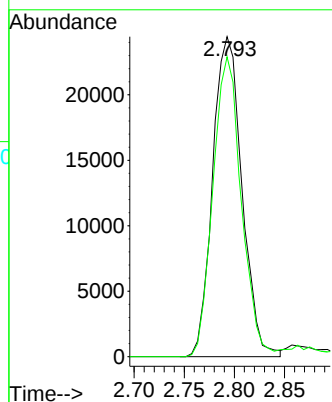
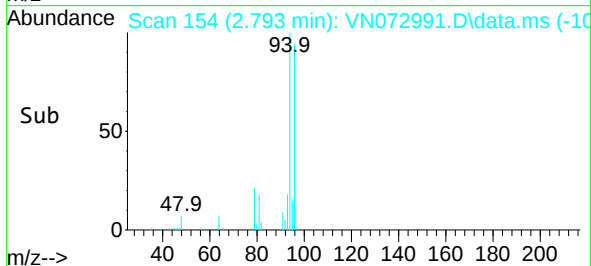
Instrument :
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Tgt Ion: 94 Resp: 49658
Ion Ratio Lower Upper
94 100
96 93.7 76.0 114.0

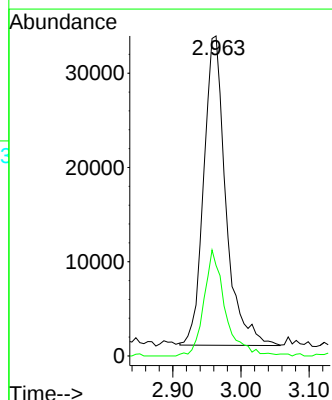
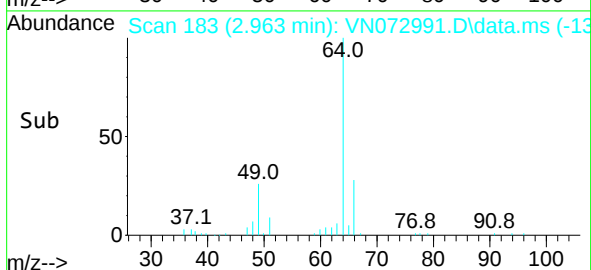
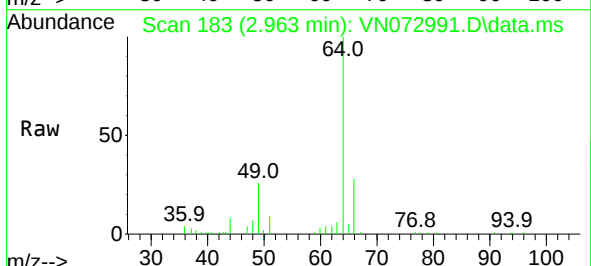
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#6
Chloroethane
Concen: 55.801 ug/l
RT: 2.963 min Scan# 183
Delta R.T. 0.012 min
Lab File: VN072991.D
Acq: 21 Jun 2022 18:21

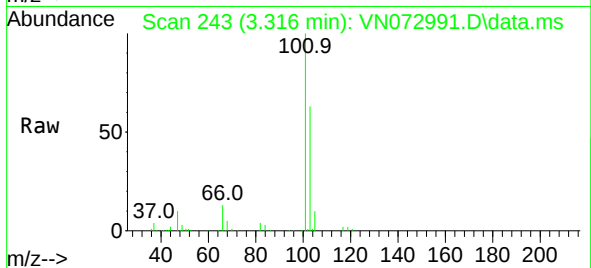
Tgt Ion: 64 Resp: 73966
Ion Ratio Lower Upper
64 100
66 28.7 26.2 39.4





#7
 Trichlorofluoromethane
 Concen: 63.834 ug/l
 RT: 3.316 min Scan# 241
 Delta R.T. 0.012 min
 Lab File: VN072991.D
 Acq: 21 Jun 2022 18:21

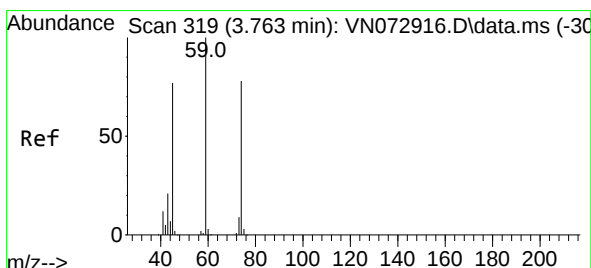
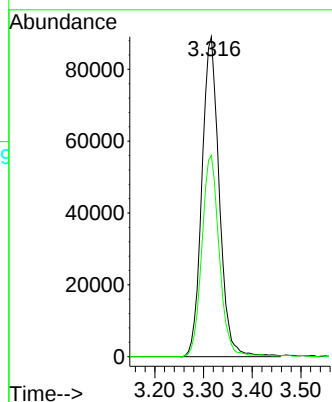
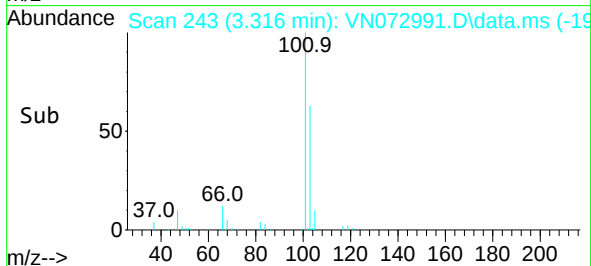
Instrument :
 MSVOA_N
 ClientSampleId :
 TOLL-MW-07MSD



Tgt Ion:101 Resp: 22024
 Ion Ratio Lower Upper
 101 100
 103 62.9 51.5 77.3

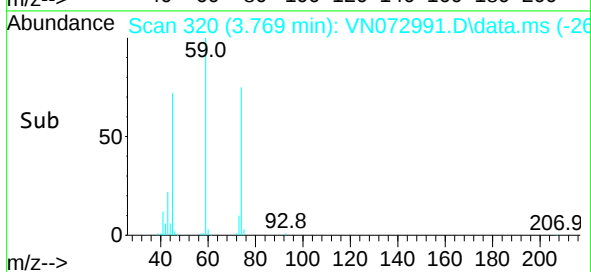
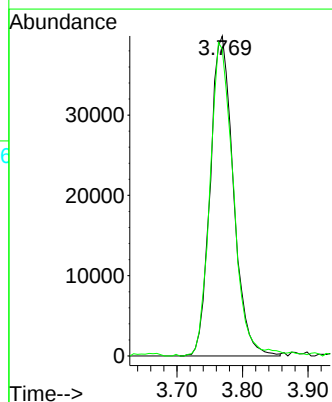
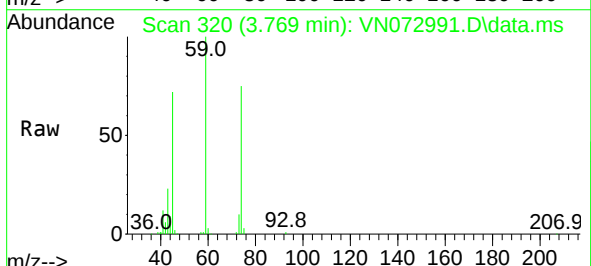
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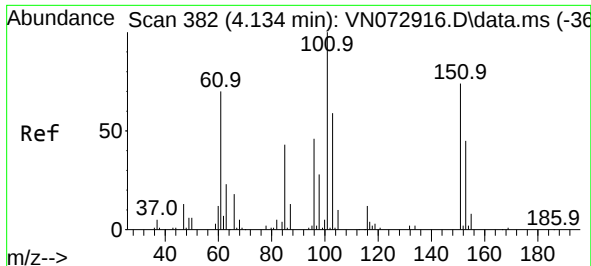
Reviewed By :John Carlone 06/22/2022
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#8
 Diethyl Ether
 Concen: 54.869 ug/l
 RT: 3.769 min Scan# 320
 Delta R.T. 0.006 min
 Lab File: VN072991.D
 Acq: 21 Jun 2022 18:21

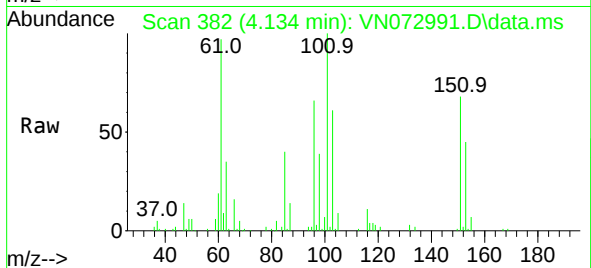
Tgt Ion: 74 Resp: 97705
 Ion Ratio Lower Upper
 74 100
 45 98.7 42.9 128.5





#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.579 ug/l
RT: 4.134 min Scan# 382
Delta R.T. 0.000 min
Lab File: VN072991.D
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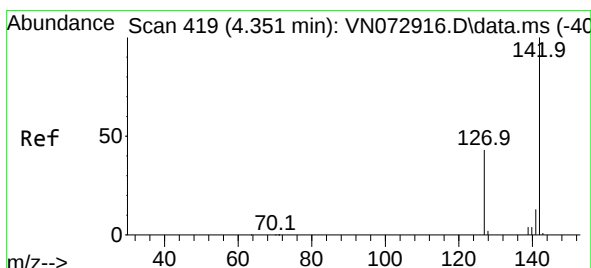
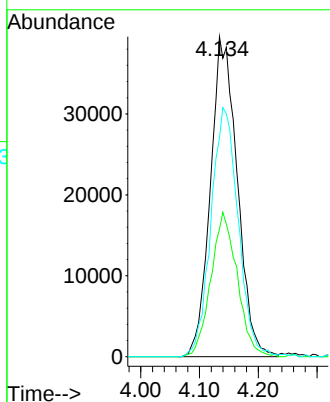
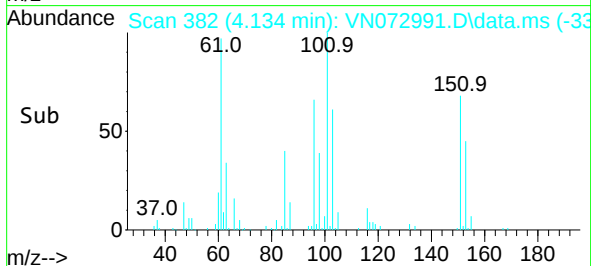
Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-07MSD



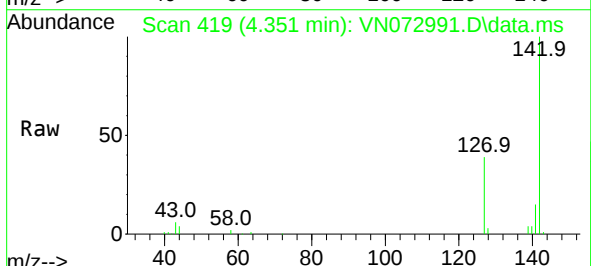
Tgt Ion:101 Resp: 12540
Ion Ratio Lower Upper
101 100
85 44.3 34.7 52.1
151 79.1 63.0 94.4

Manual Integrations
APPROVED

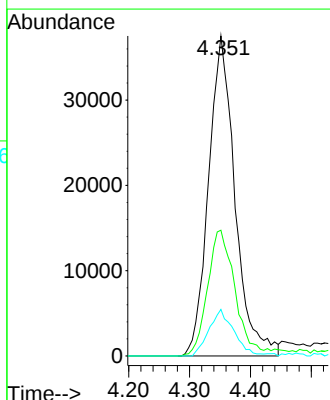
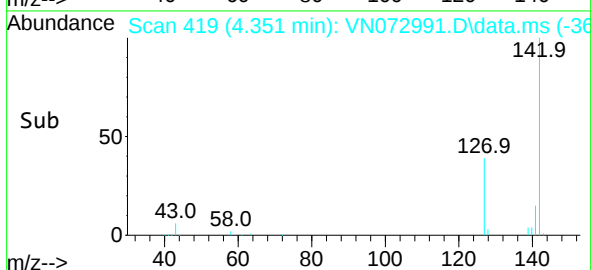
Reviewed By :John Carlone 06/22/2022
Supervised By :Mahesh Dadoda 06/23/2022



#10
Methyl Iodide
Concen: 41.478 ug/l
RT: 4.351 min Scan# 419
Delta R.T. 0.000 min
Lab File: VN072991.D
Acq: 21 Jun 2022 18:21



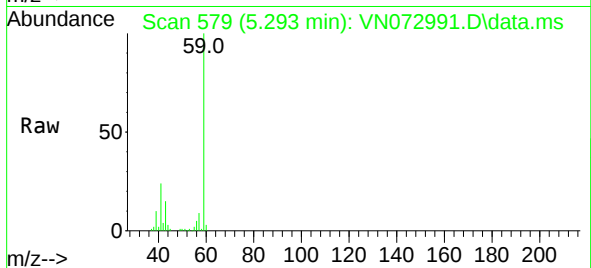
Tgt Ion:142 Resp: 113390
Ion Ratio Lower Upper
142 100
127 40.4 31.3 46.9
141 13.6 11.2 16.8





#11
Tert butyl alcohol
Concen: 253.403 ug/l
RT: 5.293 min Scan# 51
Delta R.T. -0.012 min
Lab File: VN072991.D
Acq: 21 Jun 2022 18:21

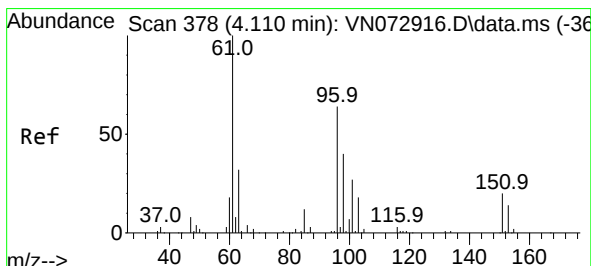
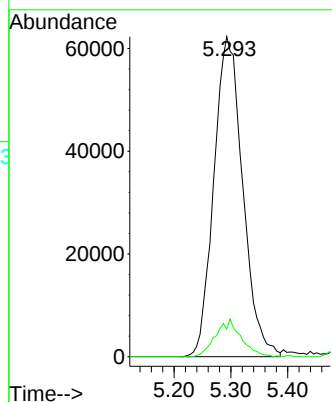
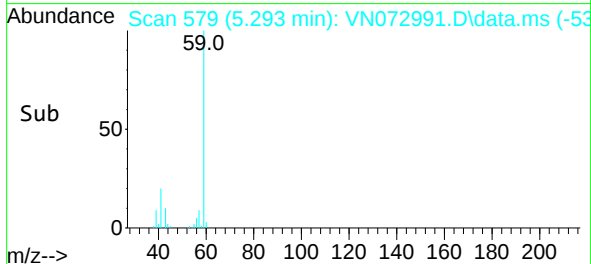
Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-07MSD



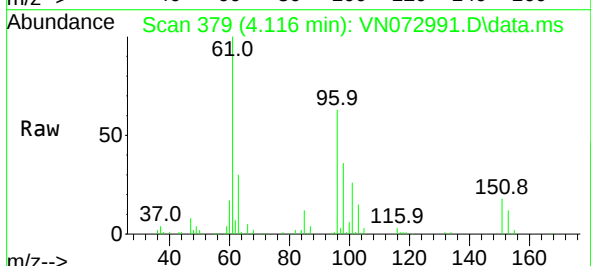
Tgt Ion: 59 Resp: 21959
Ion Ratio Lower Upper
59 100
57 10.3 8.3 12.5

Manual Integrations
APPROVED

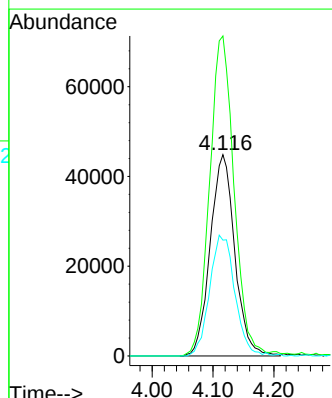
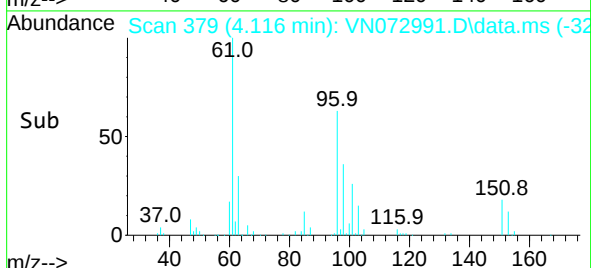
Reviewed By :John Carlone 06/22/2022
Supervised By :Mahesh Dadoda 06/23/2022

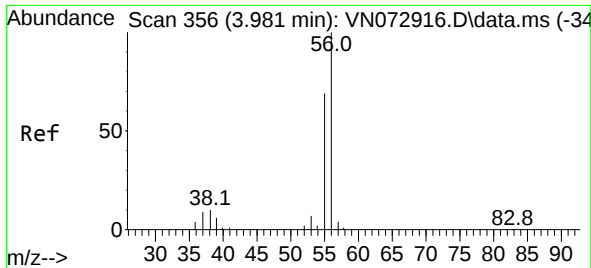


#12
1,1-Dichloroethene
Concen: 52.968 ug/l
RT: 4.116 min Scan# 379
Delta R.T. 0.006 min
Lab File: VN072991.D
Acq: 21 Jun 2022 18:21



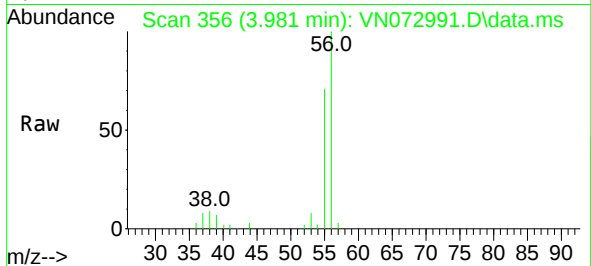
Tgt Ion: 96 Resp: 125838
Ion Ratio Lower Upper
96 100
61 158.9 127.6 191.4
98 57.6 51.2 76.8





#13
Acrolein
Concen: 243.839 ug/l
RT: 3.981 min Scan# 356
Delta R.T. 0.000 min
Lab File: VN072991.D
Acq: 21 Jun 2022 18:21

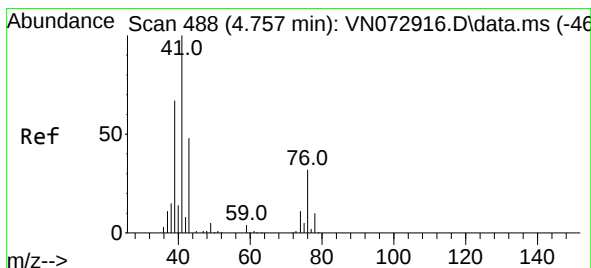
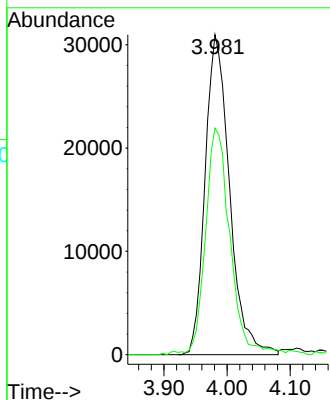
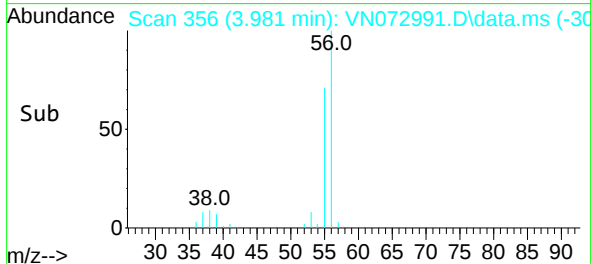
Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-07MSD



Tgt Ion: 56 Resp: 8322
Ion Ratio Lower Upper
56 100
55 68.4 54.8 82.2

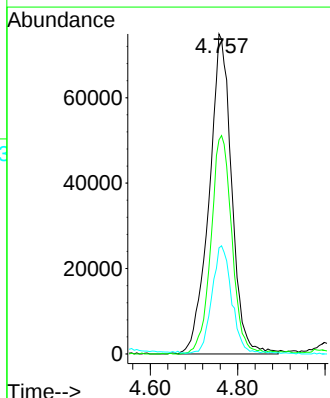
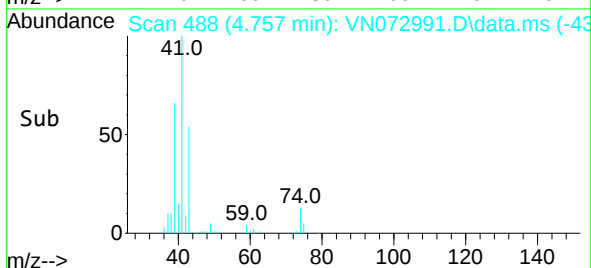
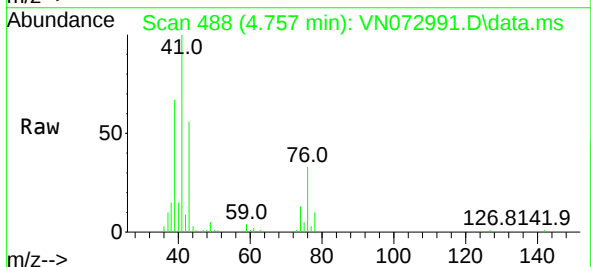
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/22/2022
Supervised By :Mahesh Dadoda 06/23/2022



#14
Allyl chloride
Concen: 52.875 ug/l
RT: 4.757 min Scan# 488
Delta R.T. 0.000 min
Lab File: VN072991.D
Acq: 21 Jun 2022 18:21

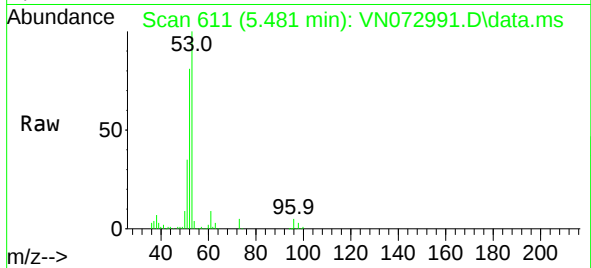
Tgt Ion: 41 Resp: 268379
Ion Ratio Lower Upper
41 100
39 63.3 53.2 79.8
76 29.1 29.9 44.9#





#15
Acrylonitrile
Concen: 276.972 ug/l
RT: 5.481 min Scan# 610
Delta R.T. 0.006 min
Lab File: VN072991.D
Acq: 21 Jun 2022 18:21

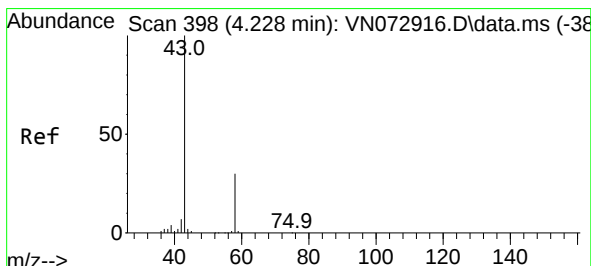
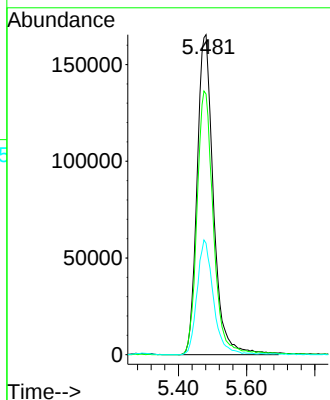
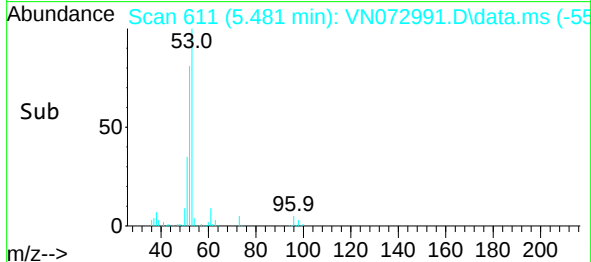
Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-07MSD



Tgt Ion: 53 Resp: 55329
Ion Ratio Lower Upper
53 100
52 81.8 66.4 99.6
51 35.8 28.5 42.7

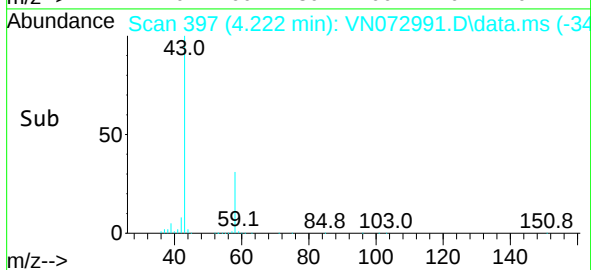
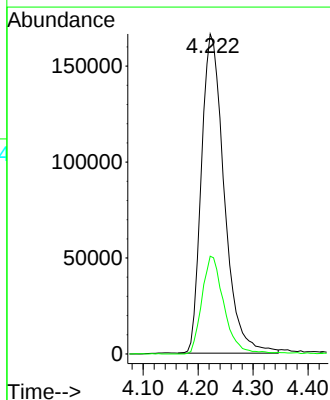
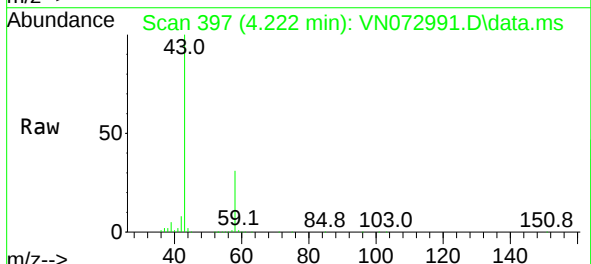
Manual Integrations
APPROVED

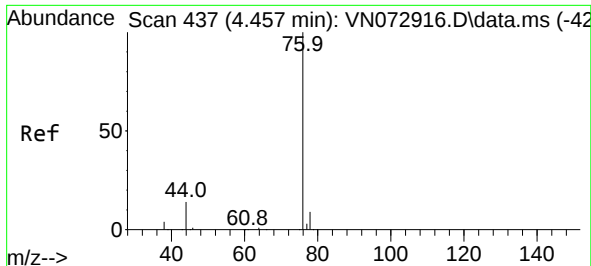
Reviewed By :John Carlone 06/22/2022
Supervised By :Mahesh Dadoda 06/23/2022



#16
Acetone
Concen: 260.044 ug/l
RT: 4.222 min Scan# 397
Delta R.T. -0.006 min
Lab File: VN072991.D
Acq: 21 Jun 2022 18:21

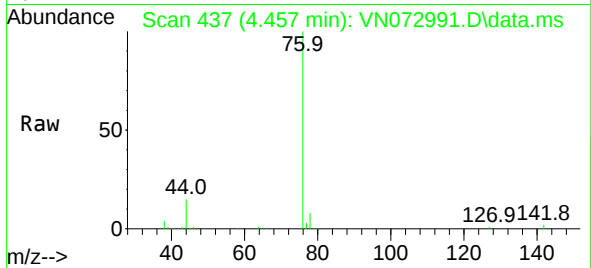
Tgt Ion: 43 Resp: 479543
Ion Ratio Lower Upper
43 100
58 30.6 26.0 39.0





#17
Carbon Disulfide
Concen: 45.728 ug/l
RT: 4.457 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN072991.D
Acq: 21 Jun 2022 18:21

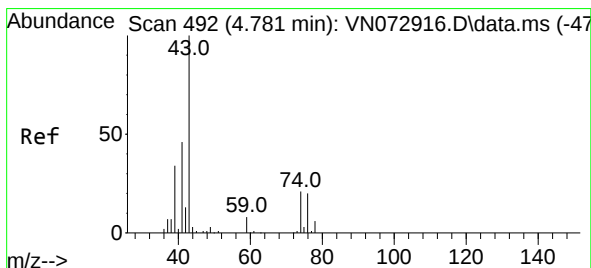
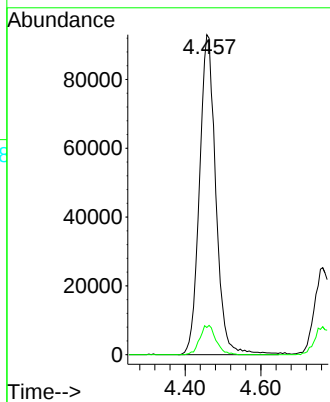
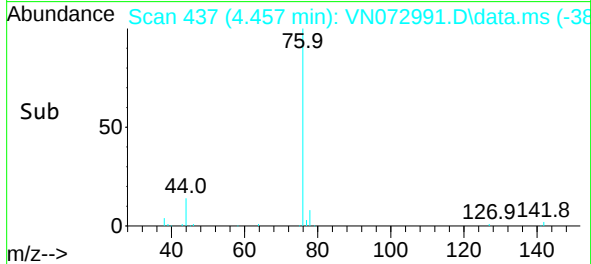
Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-07MSD



Tgt Ion: 76 Resp: 278344
Ion Ratio Lower Upper
76 100
78 8.5 7.2 10.8

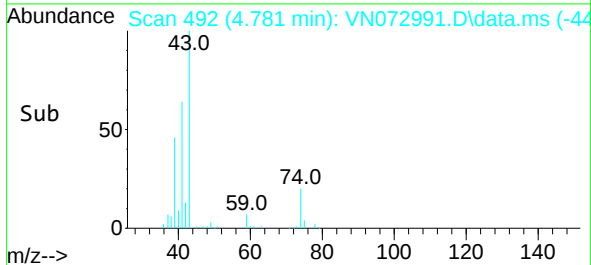
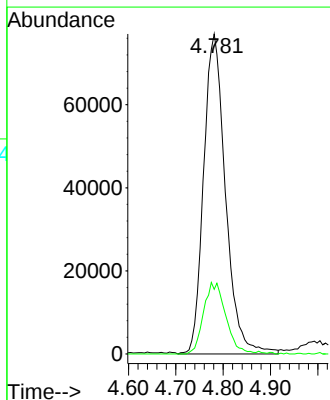
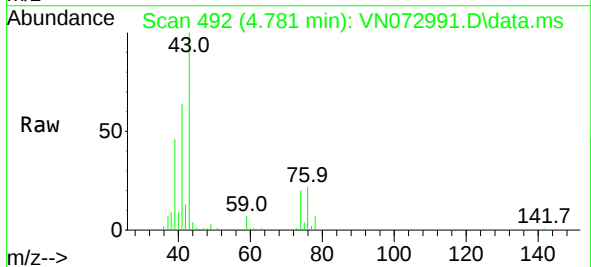
Manual Integrations
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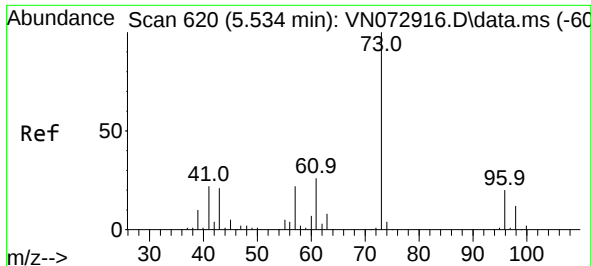
Reviewed By :John Carlone 06/22/2022
Supervised By :Mahesh Dadoda 06/23/2022



#18
Methyl Acetate
Concen: 50.363 ug/l
RT: 4.781 min Scan# 492
Delta R.T. 0.000 min
Lab File: VN072991.D
Acq: 21 Jun 2022 18:21

Tgt Ion: 43 Resp: 247319
Ion Ratio Lower Upper
43 100
74 22.6 21.6 32.4





#19

Methyl tert-butyl Ether

Concen: 62.428 ug/l

RT: 5.534 min Scan# 61

Delta R.T. 0.000 min

Lab File: VN072991.D

Acq: 21 Jun 2022 18:21

Instrument :

MSVOA_N

ClientSampleId :

TOLL-MW-07MSD

Tgt Ion: 73 Resp: 55700

Ion Ratio Lower Upper

73 100

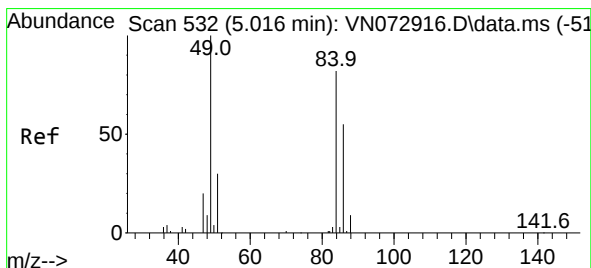
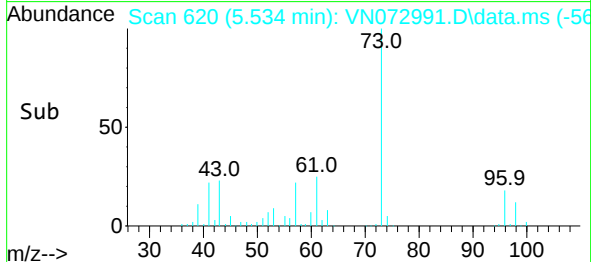
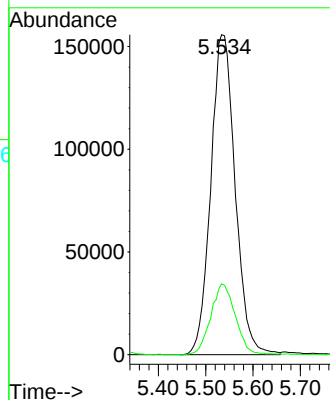
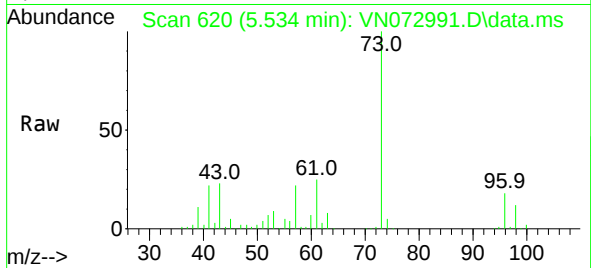
57 22.2 17.6 26.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/22/2022

Supervised By :Mahesh Dadoda 06/23/2022



#20

Methylene Chloride

Concen: 53.591 ug/l

RT: 5.016 min Scan# 532

Delta R.T. 0.000 min

Lab File: VN072991.D

Acq: 21 Jun 2022 18:21

Tgt Ion: 84 Resp: 153240

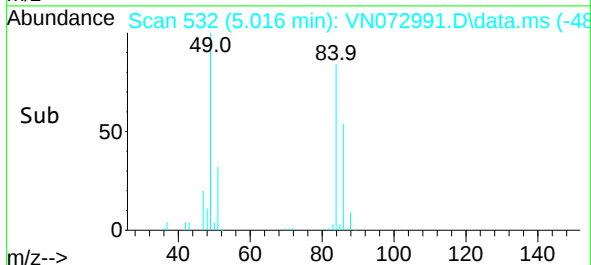
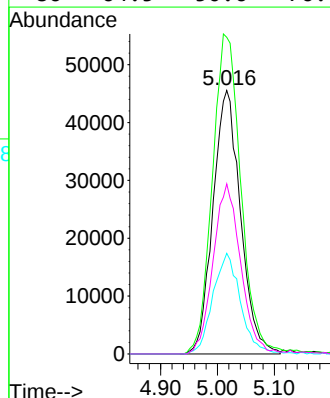
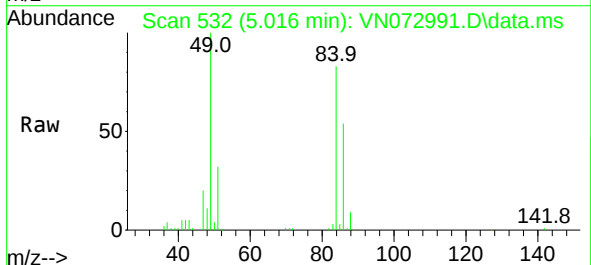
Ion Ratio Lower Upper

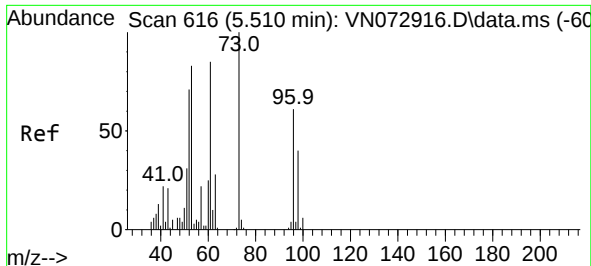
84 100

49 120.2 88.3 132.5

51 38.2 28.2 42.2

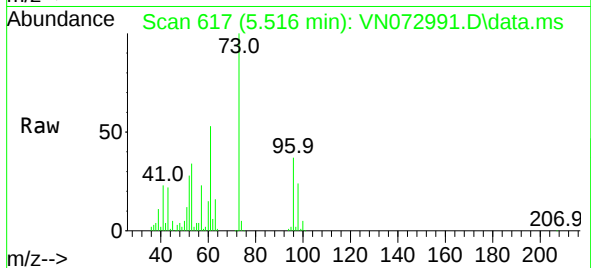
86 64.5 50.6 76.0





#21
trans-1,2-Dichloroethene
Concen: 50.801 ug/l
RT: 5.516 min Scan# 616
Delta R.T. 0.006 min
Lab File: VN072991.D
Acq: 21 Jun 2022 18:21

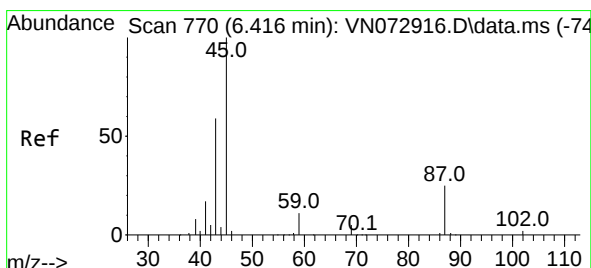
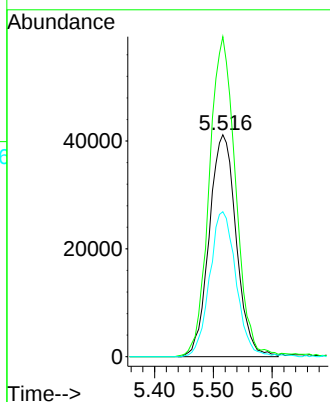
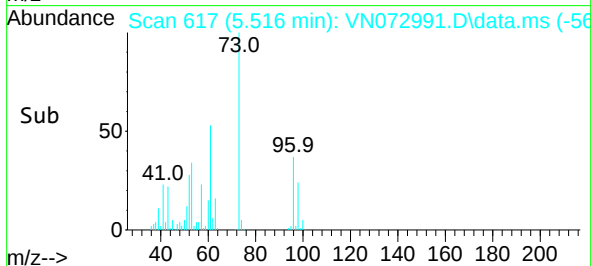
Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-07MSD



Tgt Ion: 96 Resp: 13128
Ion Ratio Lower Upper
96 100
61 143.8 105.8 158.8
98 65.4 50.3 75.5

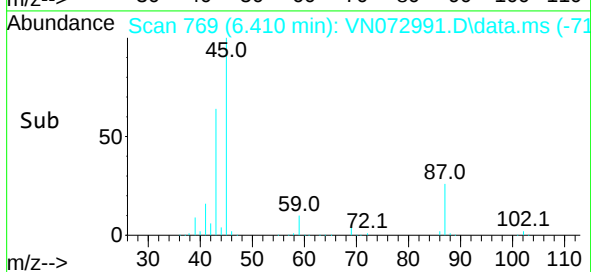
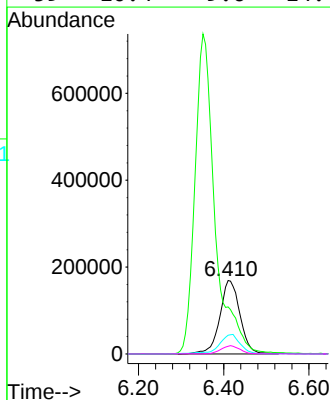
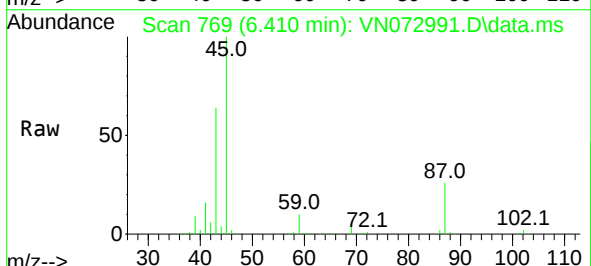
Manual Integrations
APPROVED

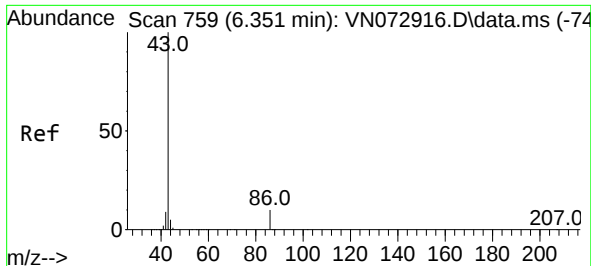
Reviewed By :John Carlone 06/22/2022
Supervised By :Mahesh Dadoda 06/23/2022



#22
Diisopropyl ether
Concen: 58.736 ug/l
RT: 6.410 min Scan# 769
Delta R.T. -0.006 min
Lab File: VN072991.D
Acq: 21 Jun 2022 18:21

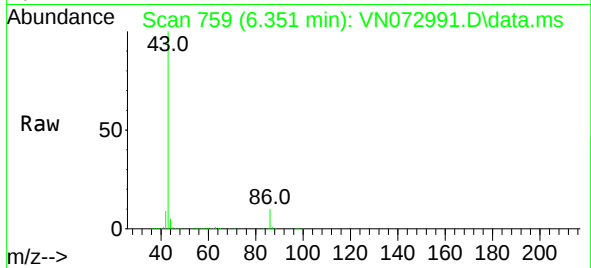
Tgt Ion: 45 Resp: 555777
Ion Ratio Lower Upper
45 100
43 62.5 46.6 70.0
87 25.3 24.3 36.5
59 10.4 9.6 14.4





#23
 Vinyl Acetate
 Concen: 276.959 ug/l
 RT: 6.351 min Scan# 759
 Delta R.T. 0.000 min
 Lab File: VN072991.D
 Acq: 21 Jun 2022 18:21

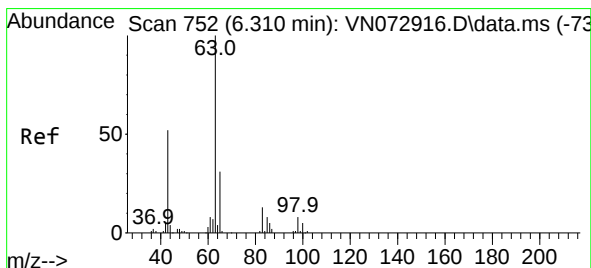
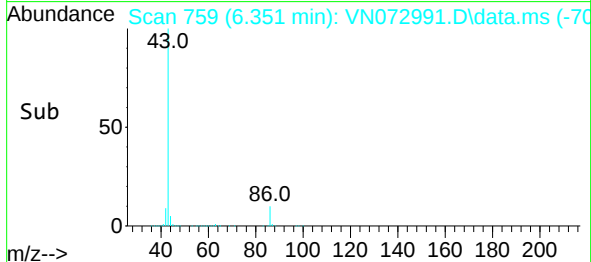
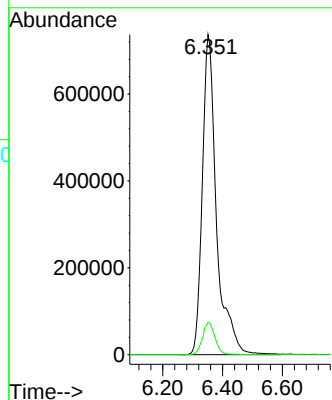
Instrument :
 MSVOA_N
 ClientSampleId :
 TOLL-MW-07MSD



Tgt Ion: 43 Resp: 2419180
 Ion Ratio Lower Upper
 43 100
 86 10.1 10.0 15.0

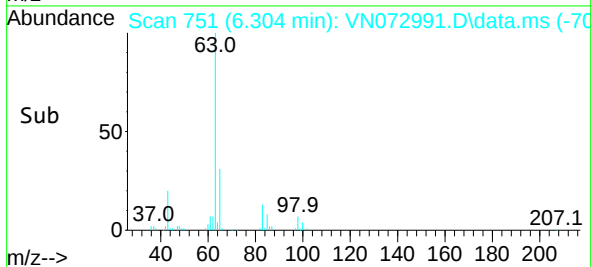
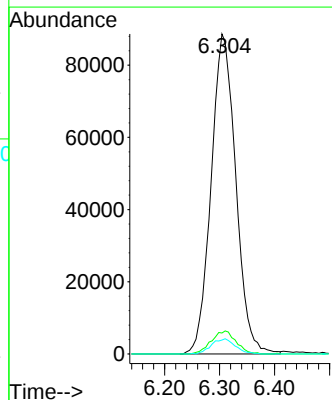
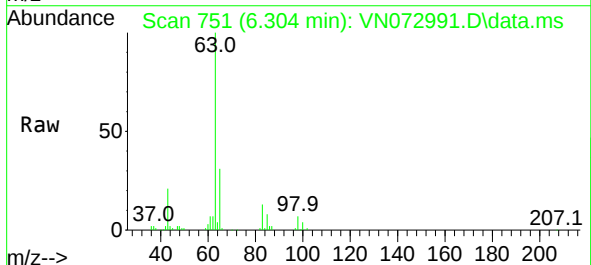
Manual Integrations
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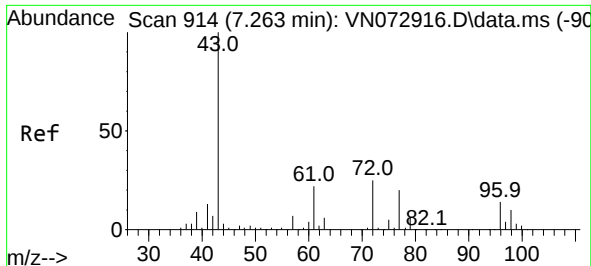
Reviewed By :John Carlone 06/22/2022
 Supervised By :Mahesh Dadoda 06/23/2022



#24
 1,1-Dichloroethane
 Concen: 55.758 ug/l
 RT: 6.304 min Scan# 751
 Delta R.T. -0.006 min
 Lab File: VN072991.D
 Acq: 21 Jun 2022 18:21

Tgt Ion: 63 Resp: 276607
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.5 10.4
 100 4.4 2.3 6.8





#25

2-Butanone

Concen: 273.645 ug/l

RT: 7.263 min Scan# 914

Delta R.T. 0.000 min

Lab File: VN072991.D

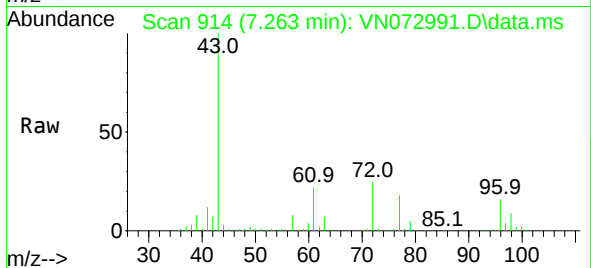
Acq: 21 Jun 2022 18:21

Instrument :

MSVOA_N

ClientSampleId :

TOLL-MW-07MSD



Tgt Ion: 43 Resp: 800762

Ion Ratio Lower Upper

43 100

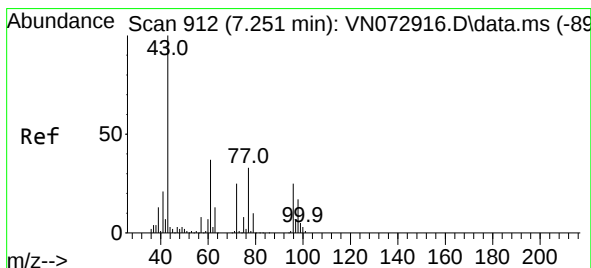
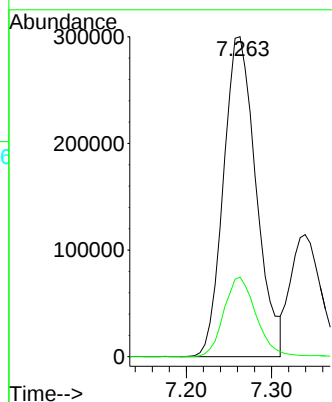
72 24.9 23.7 35.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/22/2022

Supervised By :Mahesh Dadoda 06/23/2022



#26

2,2-Dichloropropane

Concen: 48.900 ug/l

RT: 7.251 min Scan# 912

Delta R.T. 0.000 min

Lab File: VN072991.D

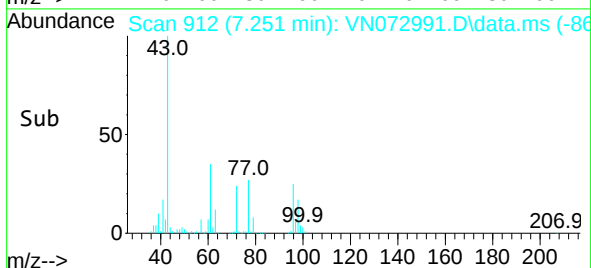
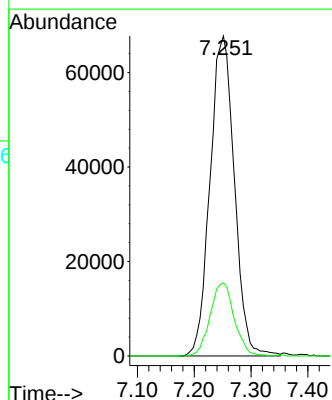
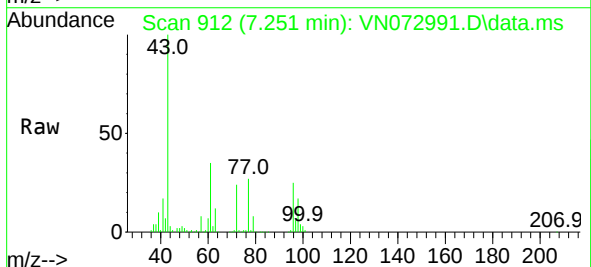
Acq: 21 Jun 2022 18:21

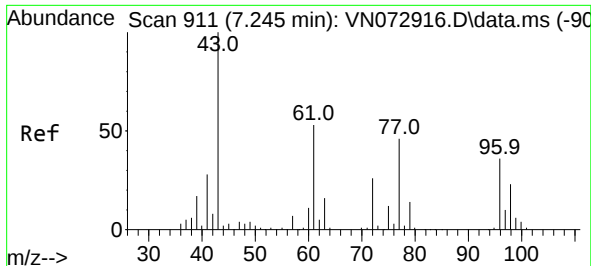
Tgt Ion: 77 Resp: 201421

Ion Ratio Lower Upper

77 100

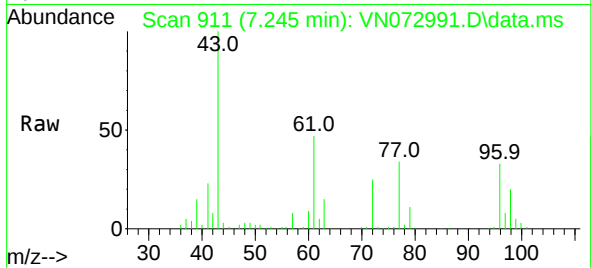
97 22.6 11.4 34.2





#27
 cis-1,2-Dichloroethene
 Concen: 55.835 ug/l
 RT: 7.245 min Scan# 911
 Delta R.T. 0.000 min
 Lab File: VN072991.D
 Acq: 21 Jun 2022 18:21

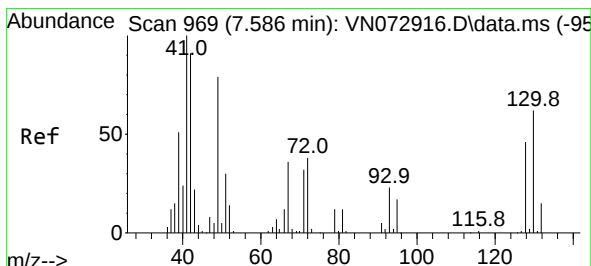
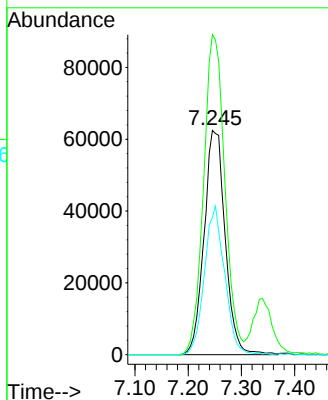
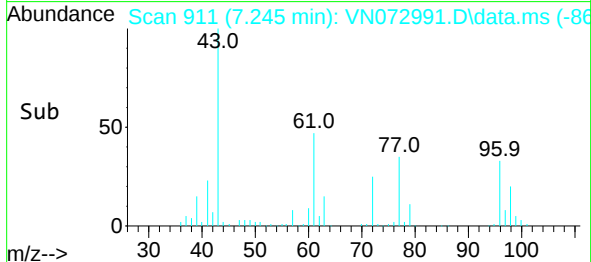
Instrument :
 MSVOA_N
 ClientSampleId :
 TOLL-MW-07MSD



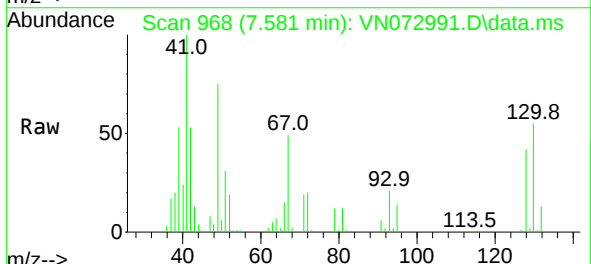
Tgt Ion: 96 Resp: 172388
 Ion Ratio Lower Upper
 96 100
 61 143.2 0.0 280.6
 98 63.4 0.0 128.4

Manual Integrations
 APPROVED

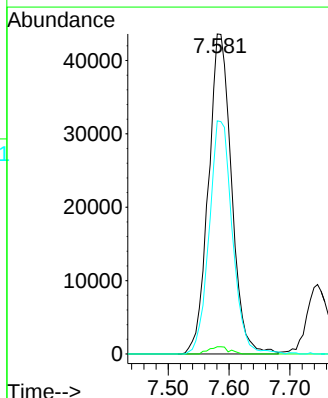
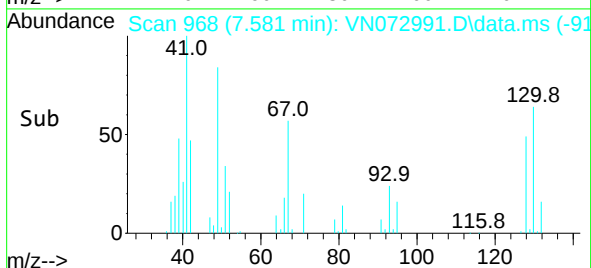
Reviewed By :John Carlone 06/22/2022
 Supervised By :Mahesh Dadoda 06/23/2022

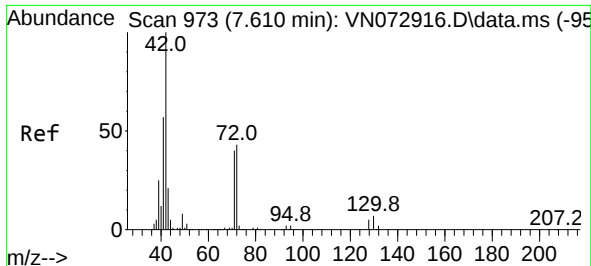


#28
 Bromochloromethane
 Concen: 55.968 ug/l
 RT: 7.581 min Scan# 968
 Delta R.T. -0.006 min
 Lab File: VN072991.D
 Acq: 21 Jun 2022 18:21



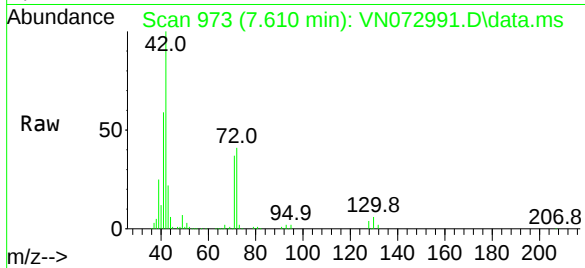
Tgt Ion: 49 Resp: 114826
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.6
 130 73.2 69.7 104.5





#29
Tetrahydrofuran
Concen: 270.432 ug/l
RT: 7.610 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN072991.D
Acq: 21 Jun 2022 18:21

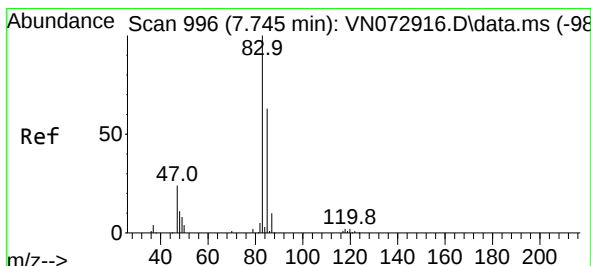
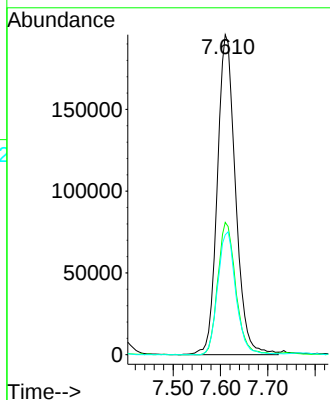
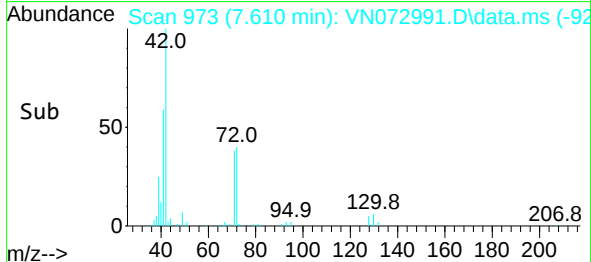
Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-07MSD



Tgt Ion: 42 Resp: 52258
Ion Ratio Lower Upper
42 100
72 40.9 39.7 59.5
71 38.4 36.6 55.0

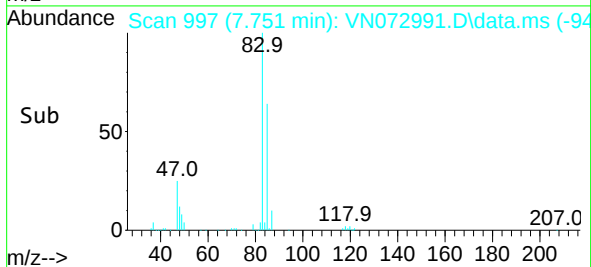
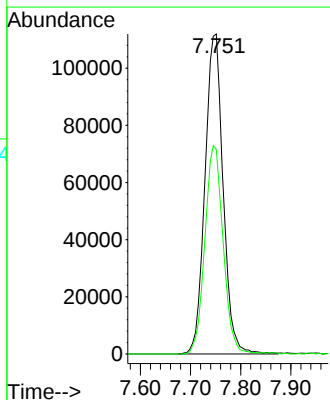
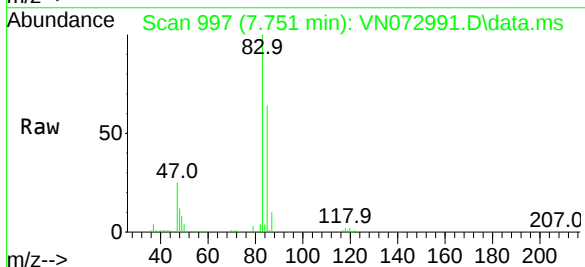
Manual Integrations
APPROVED

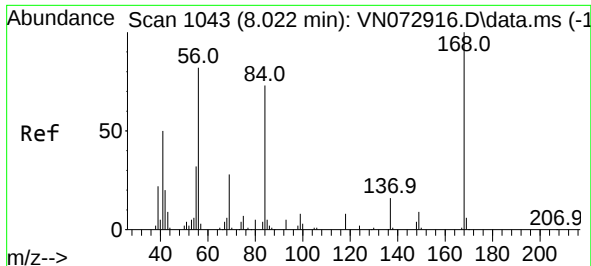
Reviewed By :John Carlone 06/22/2022
Supervised By :Mahesh Dadoda 06/23/2022



#30
Chloroform
Concen: 56.114 ug/l
RT: 7.751 min Scan# 997
Delta R.T. 0.006 min
Lab File: VN072991.D
Acq: 21 Jun 2022 18:21

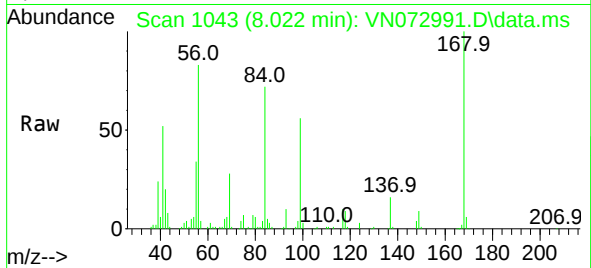
Tgt Ion: 83 Resp: 281808
Ion Ratio Lower Upper
83 100
85 63.9 51.8 77.8





#31
Cyclohexane
Concen: 48.871 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. 0.000 min
Lab File: VN072991.D
Acq: 21 Jun 2022 18:21

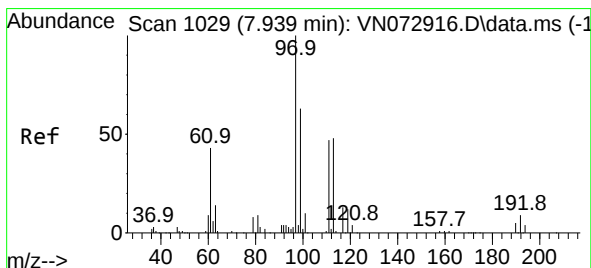
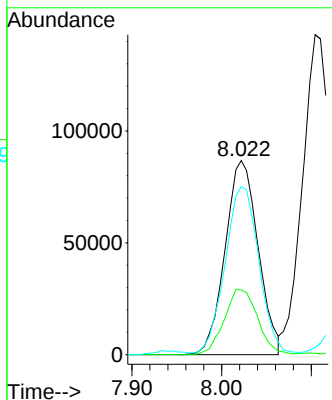
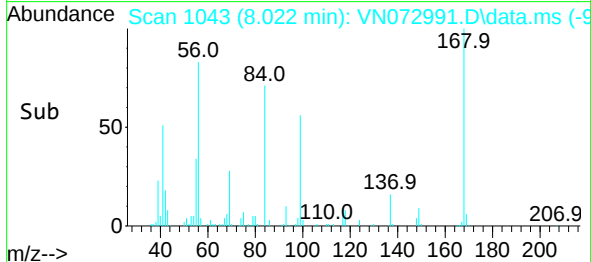
Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-07MSD



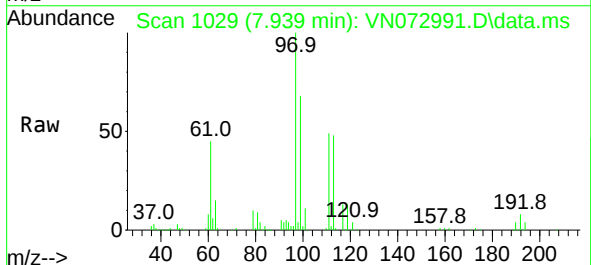
Tgt Ion: 56 Resp: 221775
Ion Ratio Lower Upper
56 100
69 33.3 27.8 41.8
84 85.3 76.9 115.3

Manual Integrations
APPROVED

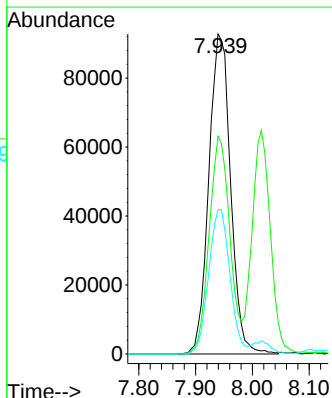
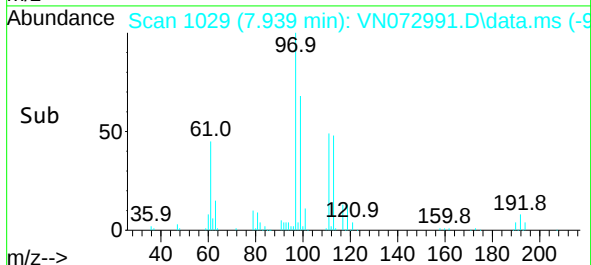
Reviewed By :John Carlone 06/22/2022
Supervised By :Mahesh Dadoda 06/23/2022

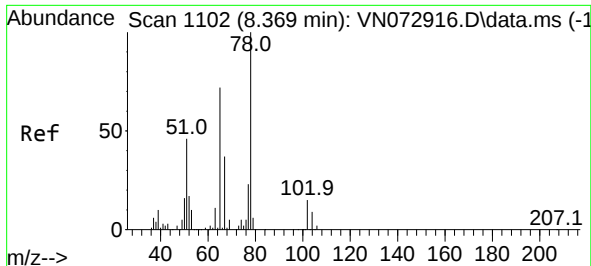


#32
1,1,1-Trichloroethane
Concen: 55.869 ug/l
RT: 7.939 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VN072991.D
Acq: 21 Jun 2022 18:21



Tgt Ion: 97 Resp: 246218
Ion Ratio Lower Upper
97 100
99 64.8 50.6 76.0
61 44.4 36.0 54.0





#33

1,2-Dichloroethane-d4

Concen: 56.183 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VN072991.D

Acq: 21 Jun 2022 18:21

Instrument :

MSVOA_N

ClientSampleId :

TOLL-MW-07MSD

Tgt Ion: 65 Resp: 188480

Ion Ratio Lower Upper

65 100

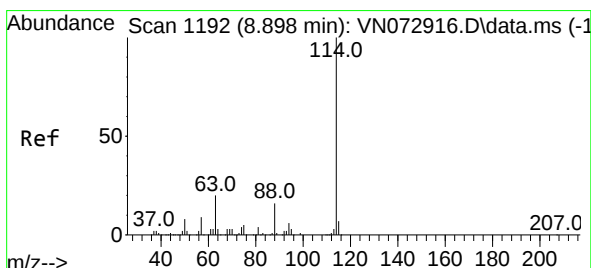
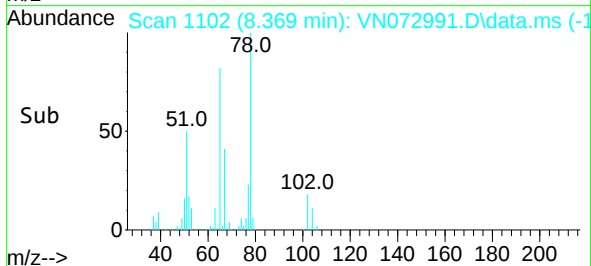
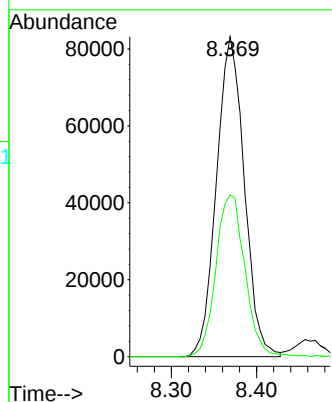
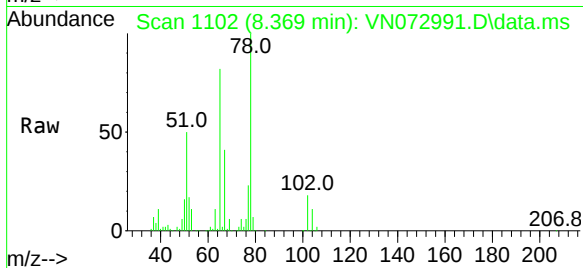
67 52.9 0.0 104.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/22/2022

Supervised By :Mahesh Dadoda 06/23/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.898 min Scan# 1192

Delta R.T. 0.000 min

Lab File: VN072991.D

Acq: 21 Jun 2022 18:21

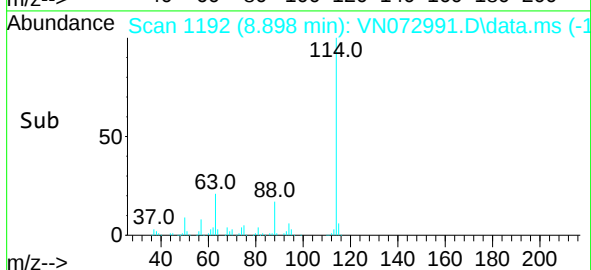
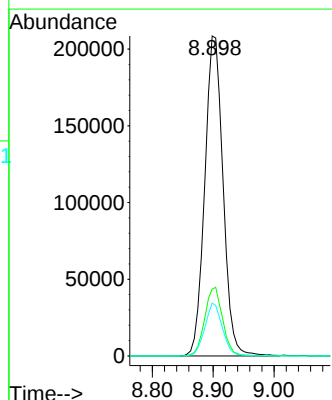
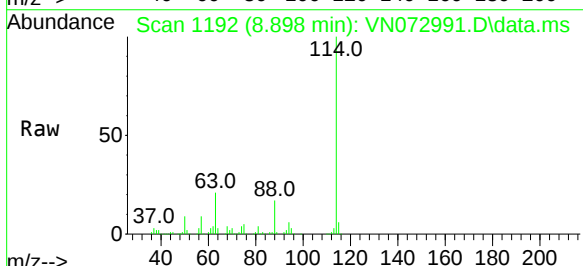
Tgt Ion:114 Resp: 435833

Ion Ratio Lower Upper

114 100

63 20.9 0.0 40.0

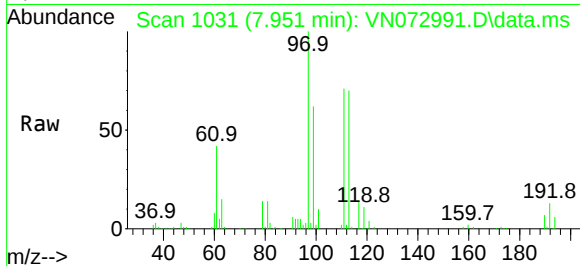
88 16.5 0.0 32.6





#35
Dibromofluoromethane
Concen: 55.757 ug/l
RT: 7.951 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VN072991.D
Acq: 21 Jun 2022 18:21

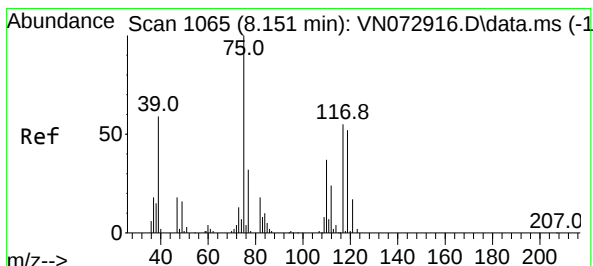
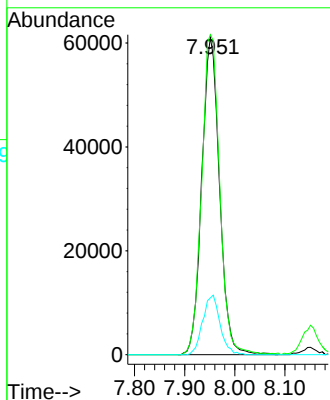
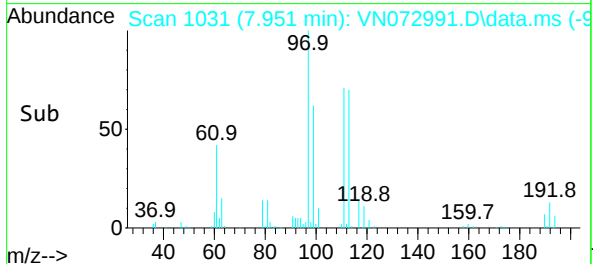
Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-07MSD



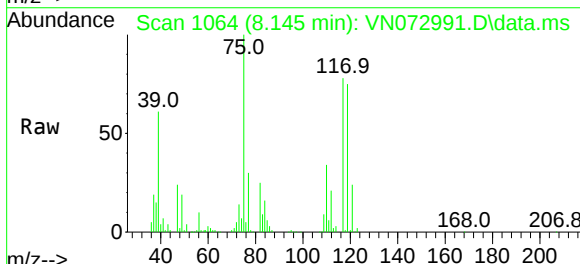
Tgt Ion:113 Resp: 15020
Ion Ratio Lower Upper
113 100
111 102.7 81.4 122.0
192 18.3 17.0 25.6

Manual Integrations
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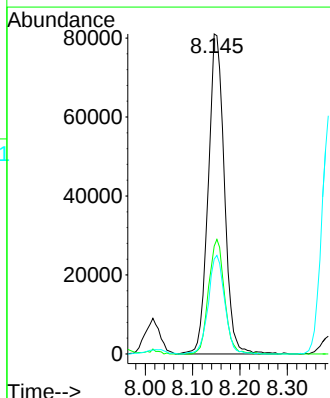
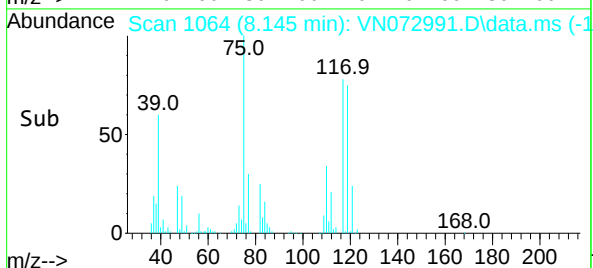
Reviewed By :John Carlone 06/22/2022
Supervised By :Mahesh Dadoda 06/23/2022



#36
1,1-Dichloropropene
Concen: 52.638 ug/l
RT: 8.145 min Scan# 1064
Delta R.T. -0.006 min
Lab File: VN072991.D
Acq: 21 Jun 2022 18:21



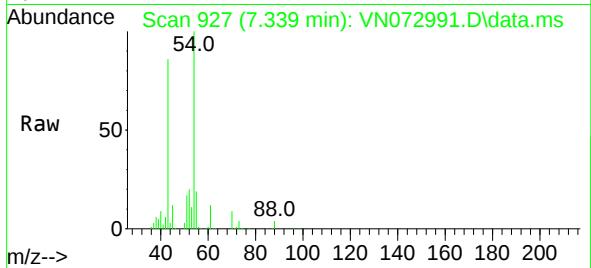
Tgt Ion: 75 Resp: 191871
Ion Ratio Lower Upper
75 100
110 35.1 18.3 54.8
77 31.2 25.1 37.7





#37
Ethyl Acetate
Concen: 51.025 ug/l
RT: 7.339 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN072991.D
Acq: 21 Jun 2022 18:21

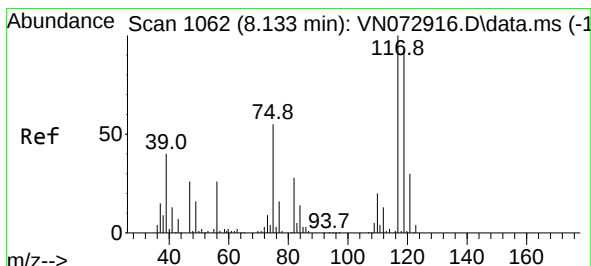
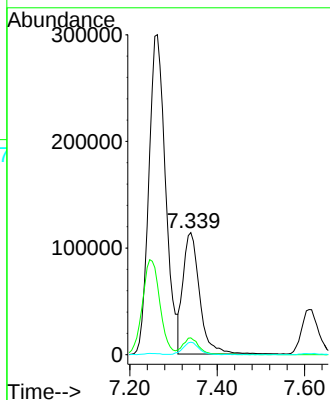
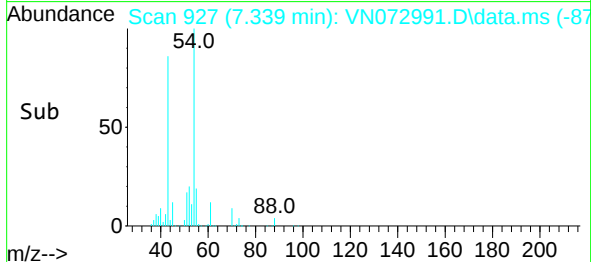
Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-07MSD



Tgt Ion: 43 Resp: 297490
Ion Ratio Lower Upper
43 100
61 13.0 11.8 17.6
70 9.8 9.3 13.9

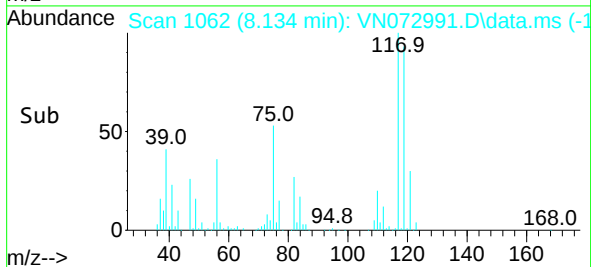
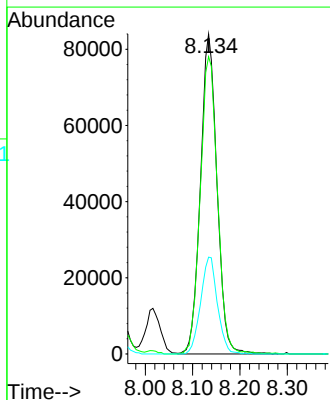
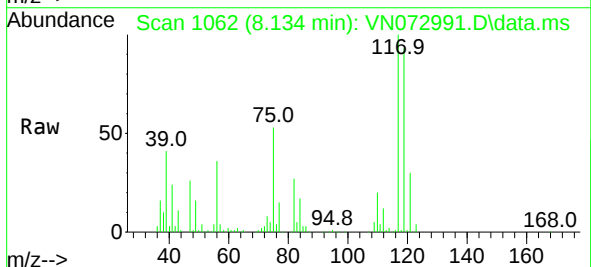
Manual Integrations
APPROVED

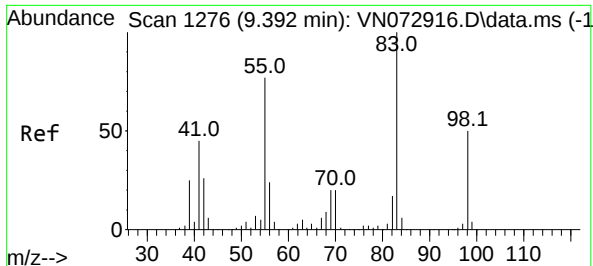
Reviewed By :John Carlone 06/22/2022
Supervised By :Mahesh Dadoda 06/23/2022



#38
Carbon Tetrachloride
Concen: 53.163 ug/l
RT: 8.134 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VN072991.D
Acq: 21 Jun 2022 18:21

Tgt Ion:117 Resp: 203832
Ion Ratio Lower Upper
117 100
119 92.9 75.8 113.8
121 30.3 24.6 37.0





#39

Methylcyclohexane

Concen: 50.329 ug/l

RT: 9.392 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VN072991.D

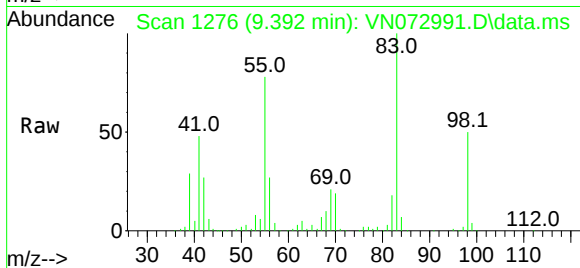
Acq: 21 Jun 2022 18:21

Instrument :

MSVOA_N

ClientSampleId :

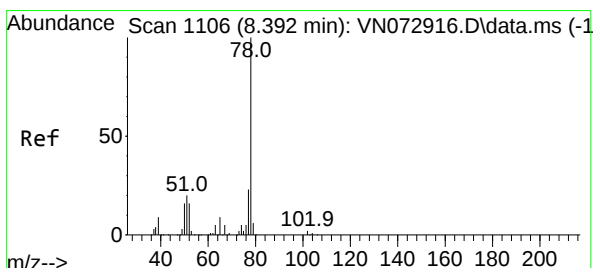
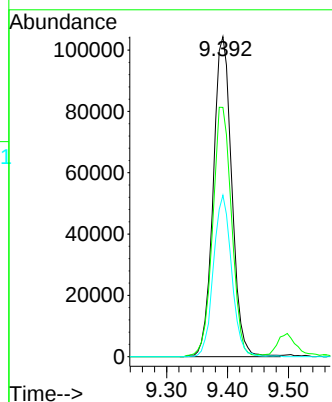
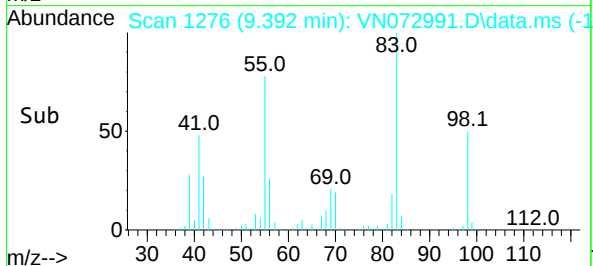
TOLL-MW-07MSD



Tgt Ion: 83	Resp: 221124
Ion Ratio	Lower Upper
83	100
55	77.9 57.8 86.8
98	50.5 39.4 59.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/22/2022
Supervised By :Mahesh Dadoda 06/23/2022



#40

Benzene

Concen: 53.198 ug/l

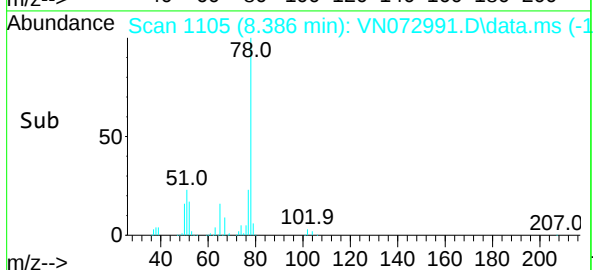
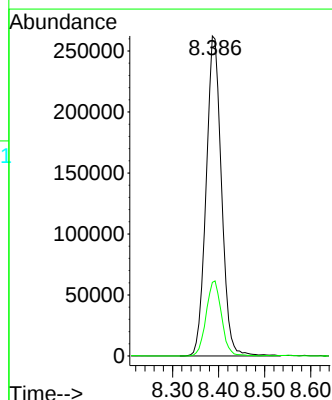
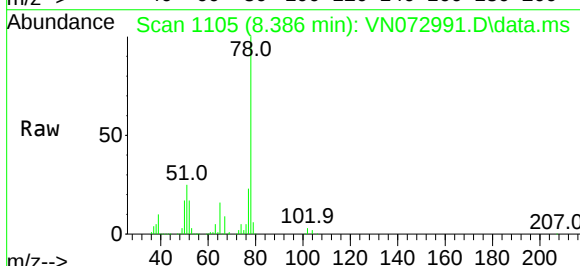
RT: 8.386 min Scan# 1105

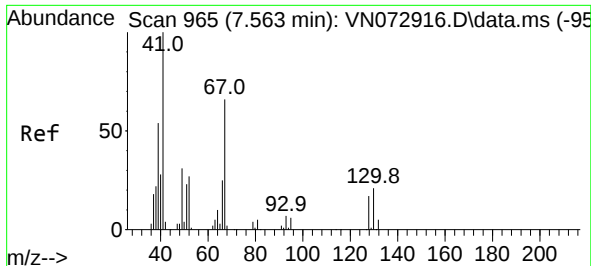
Delta R.T. -0.006 min

Lab File: VN072991.D

Acq: 21 Jun 2022 18:21

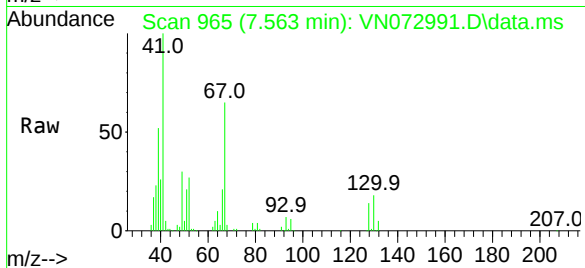
Tgt Ion: 78	Resp: 609412
Ion Ratio	Lower Upper
78	100
77	23.0 19.4 29.0





#41
Methacrylonitrile
Concen: 55.525 ug/l
RT: 7.563 min Scan# 90
Delta R.T. 0.000 min
Lab File: VN072991.D
Acq: 21 Jun 2022 18:21

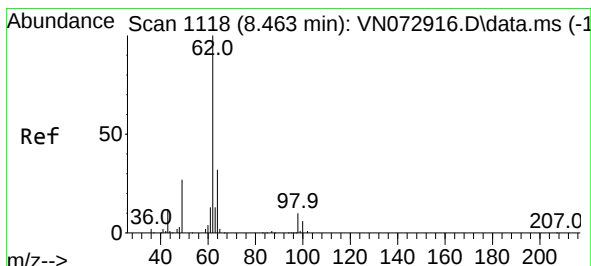
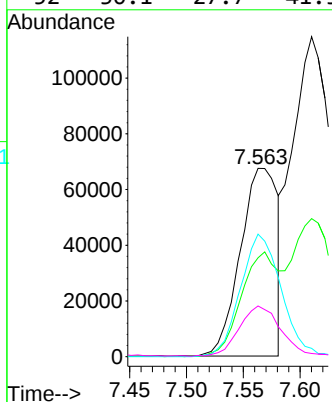
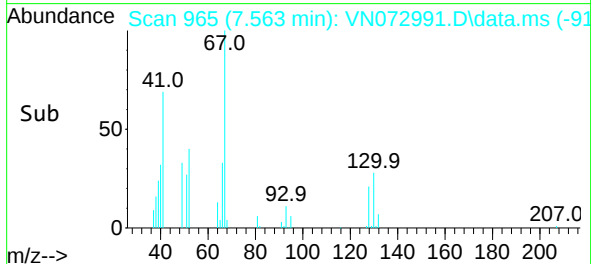
Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-07MSD



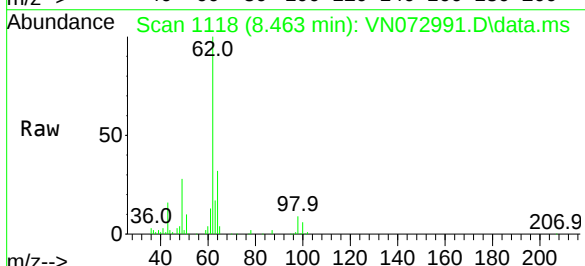
Tgt Ion: 41 Resp: 15351
Ion Ratio Lower Upper
41 100
39 53.7 48.6 73.0
67 72.7 73.4 110.2
52 30.1 27.7 41.5

Manual Integrations
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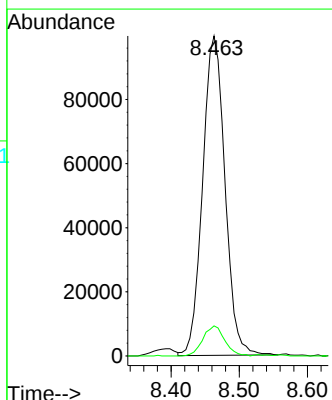
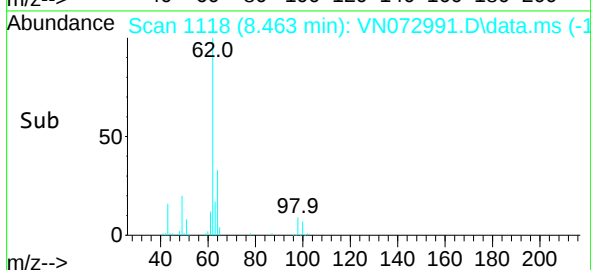
Reviewed By :John Carlone 06/22/2022
Supervised By :Mahesh Dadoda 06/23/2022

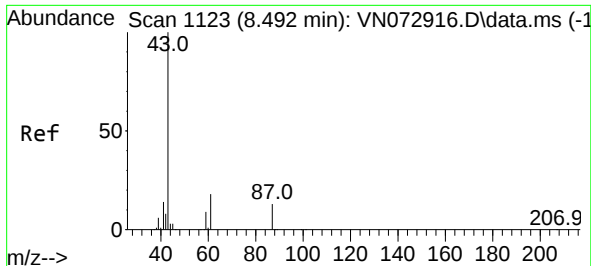


#42
1,2-Dichloroethane
Concen: 55.766 ug/l
RT: 8.463 min Scan# 1118
Delta R.T. 0.000 min
Lab File: VN072991.D
Acq: 21 Jun 2022 18:21



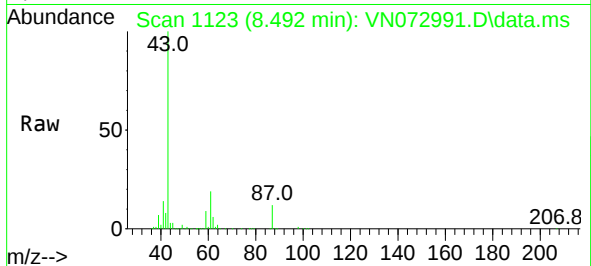
Tgt Ion: 62 Resp: 226900
Ion Ratio Lower Upper
62 100
98 9.2 0.0 19.4





#43
Isopropyl Acetate
Concen: 61.624 ug/l
RT: 8.492 min Scan# 1123
Delta R.T. 0.000 min
Lab File: VN072991.D
Acq: 21 Jun 2022 18:21

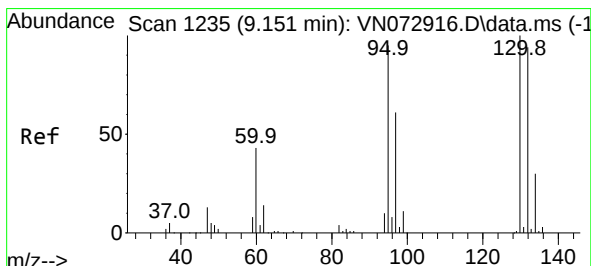
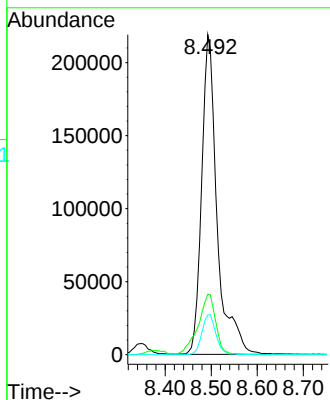
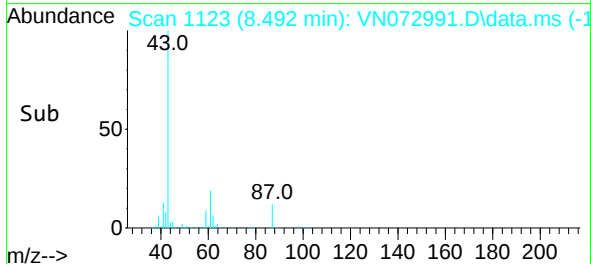
Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-07MSD



Tgt Ion: 43 Resp: 513590
Ion Ratio Lower Upper
43 100
61 21.4 21.9 32.9
87 11.4 12.0 18.0

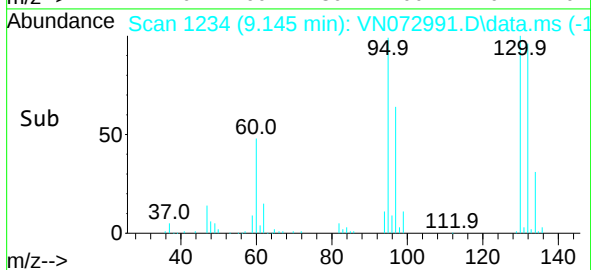
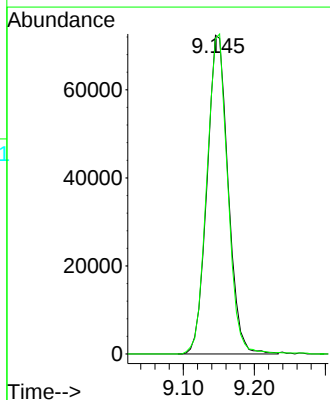
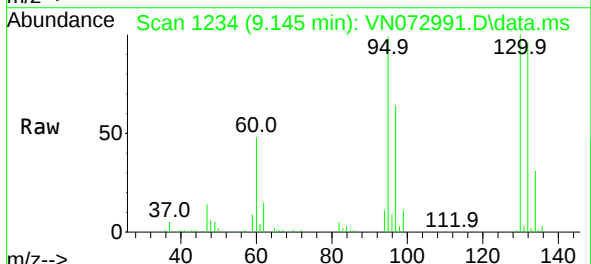
Manual Integrations
APPROVED

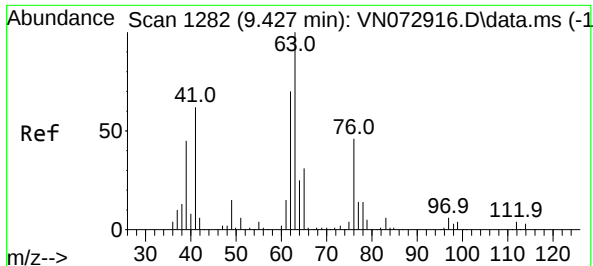
Reviewed By :John Carlone 06/22/2022
Supervised By :Mahesh Dadoda 06/23/2022



#44
Trichloroethene
Concen: 51.449 ug/l
RT: 9.145 min Scan# 1234
Delta R.T. -0.006 min
Lab File: VN072991.D
Acq: 21 Jun 2022 18:21

Tgt Ion:130 Resp: 149360
Ion Ratio Lower Upper
130 100
95 99.0 0.0 186.8





#45

1,2-Dichloropropane

Concen: 55.064 ug/l

RT: 9.422 min Scan# 1282

Delta R.T. -0.006 min

Lab File: VN072991.D

Acq: 21 Jun 2022 18:21

Instrument :

MSVOA_N

ClientSampleId :

TOLL-MW-07MSD

Tgt Ion: 63 Resp: 161238

Ion Ratio Lower Upper

63 100

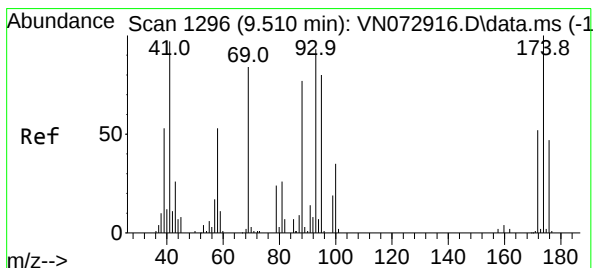
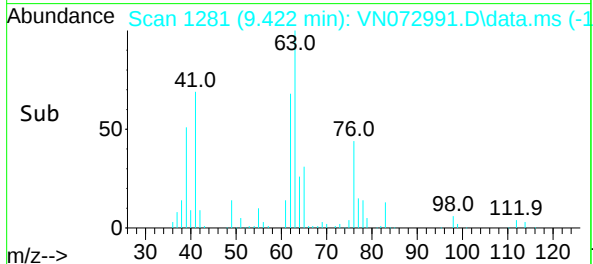
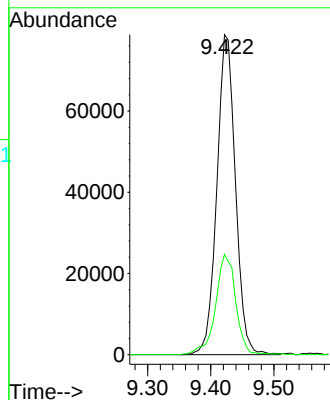
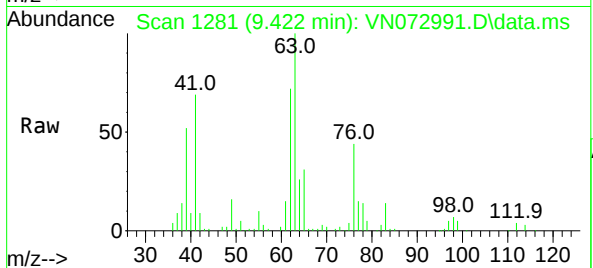
65 31.4 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/22/2022

Supervised By :Mahesh Dadoda 06/23/2022



#46

Dibromomethane

Concen: 54.931 ug/l

RT: 9.510 min Scan# 1296

Delta R.T. 0.000 min

Lab File: VN072991.D

Acq: 21 Jun 2022 18:21

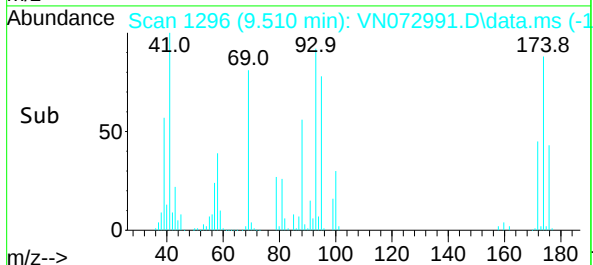
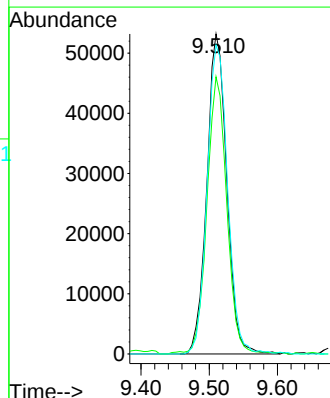
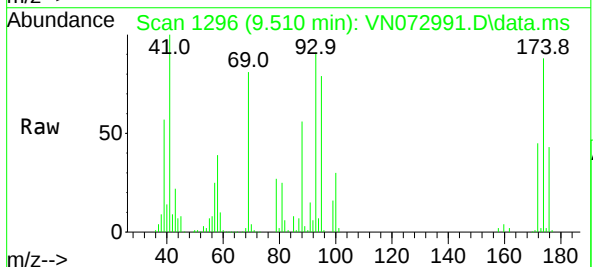
Tgt Ion: 93 Resp: 108760

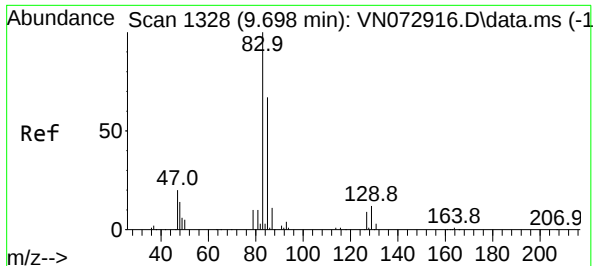
Ion Ratio Lower Upper

93 100

95 86.2 66.9 100.3

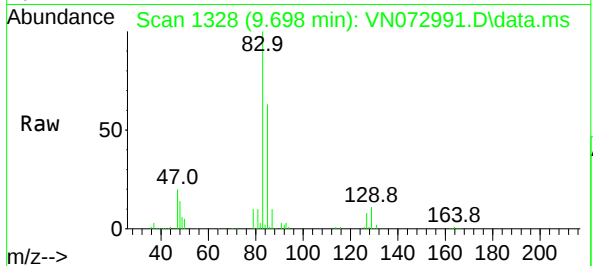
174 99.0 86.6 130.0





#47
Bromodichloromethane
Concen: 57.325 ug/l
RT: 9.698 min Scan# 1328
Delta R.T. 0.000 min
Lab File: VN072991.D
Acq: 21 Jun 2022 18:21

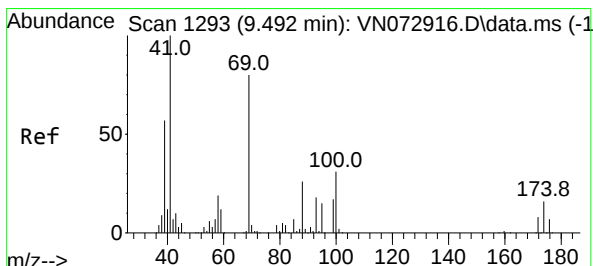
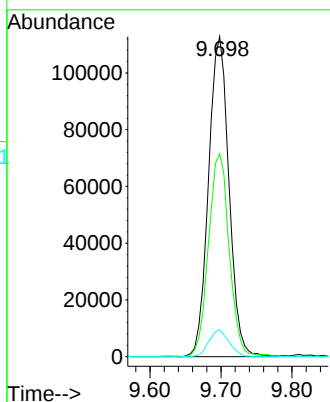
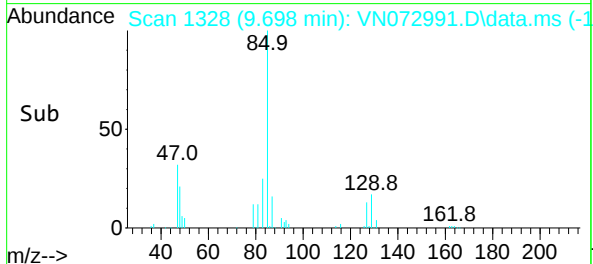
Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-07MSD



Tgt Ion: 83 Resp: 225560
Ion Ratio Lower Upper
83 100
85 63.2 50.5 75.7
127 8.5 6.8 10.2

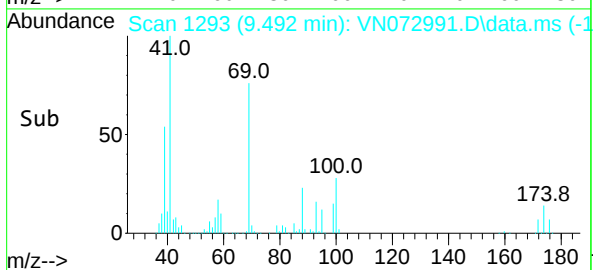
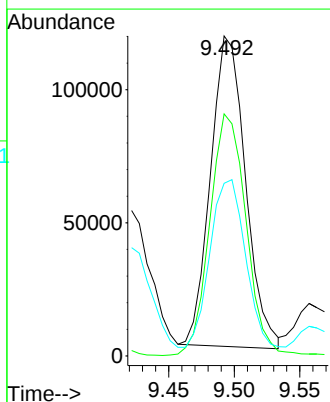
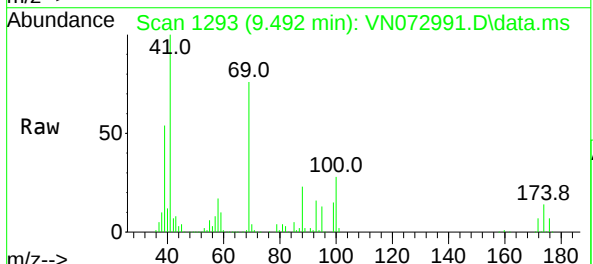
Manual Integrations
APPROVED

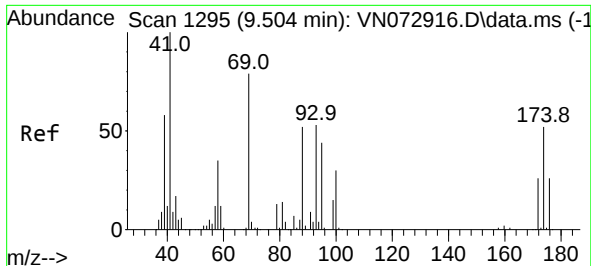
Reviewed By :John Carlone 06/22/2022
Supervised By :Mahesh Dadoda 06/23/2022



#48
Methyl methacrylate
Concen: 56.794 ug/l
RT: 9.492 min Scan# 1293
Delta R.T. 0.000 min
Lab File: VN072991.D
Acq: 21 Jun 2022 18:21

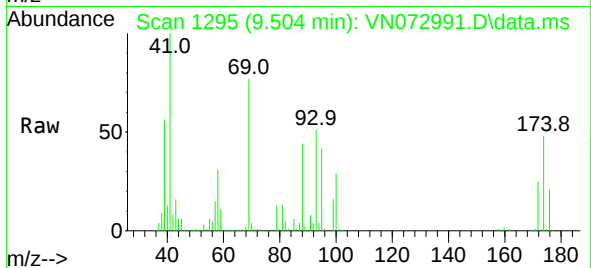
Tgt Ion: 41 Resp: 216107
Ion Ratio Lower Upper
41 100
69 81.7 74.7 112.1
39 61.3 45.6 68.4





#49
1,4-Dioxane
Concen: 947.827 ug/l
RT: 9.504 min Scan# 1295
Delta R.T. 0.000 min
Lab File: VN072991.D
Acq: 21 Jun 2022 18:21

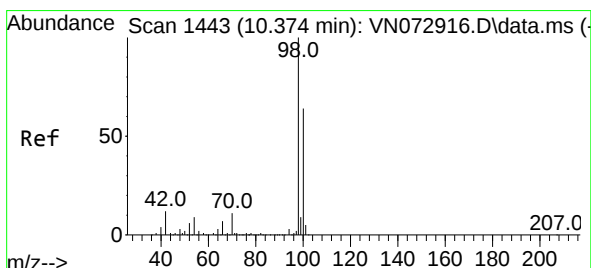
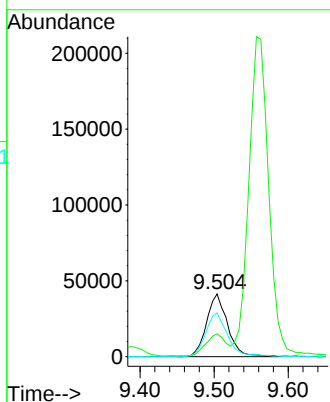
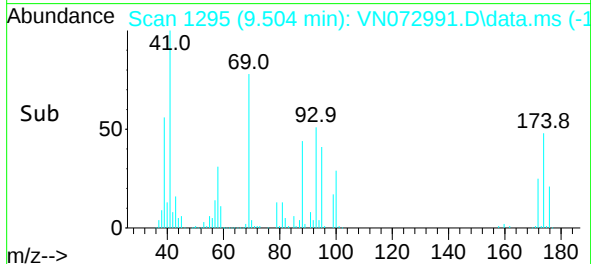
Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-07MSD



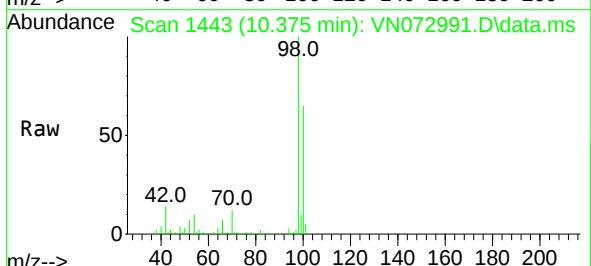
Tgt Ion: 88 Resp: 81150
Ion Ratio Lower Upper
88 100
43 33.7 20.2 30.4
58 73.6 54.2 81.4

Manual Integrations
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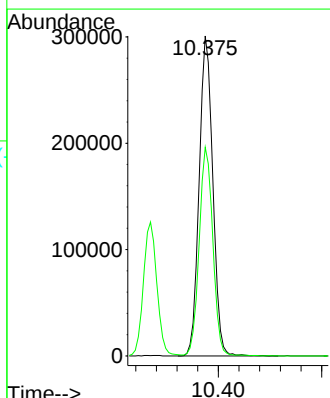
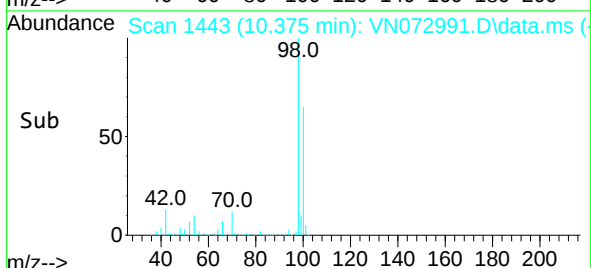
Reviewed By :John Carlone 06/22/2022
Supervised By :Mahesh Dadoda 06/23/2022



#50
Toluene-d8
Concen: 54.976 ug/l
RT: 10.375 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN072991.D
Acq: 21 Jun 2022 18:21



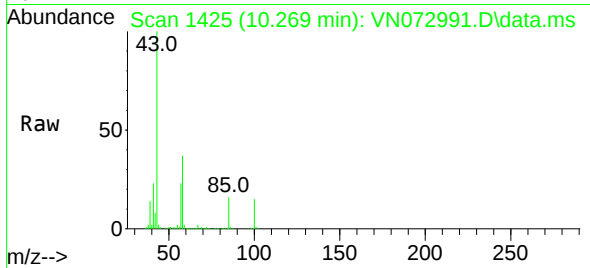
Tgt Ion: 98 Resp: 551074
Ion Ratio Lower Upper
98 100
100 65.3 52.6 78.8





#51
4-Methyl-2-Pentanone
Concen: 282.740 ug/l
RT: 10.269 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VN072991.D
Acq: 21 Jun 2022 18:21

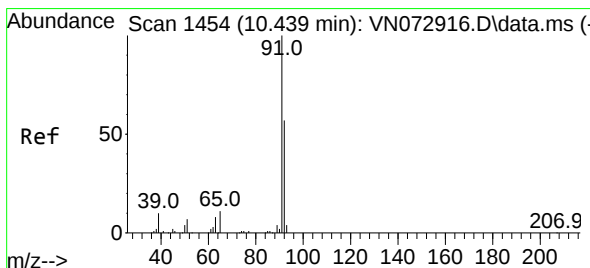
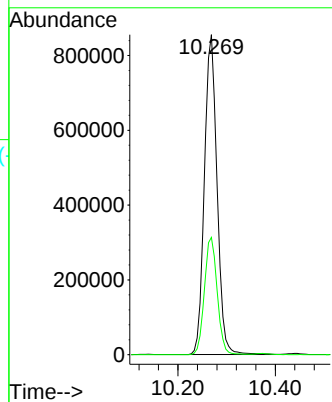
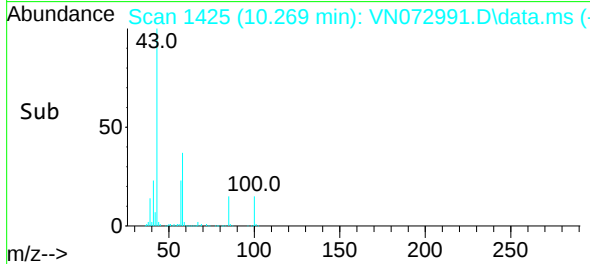
Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-07MSD



Tgt Ion: 43 Resp: 1536629
Ion Ratio Lower Upper
43 100
58 37.2 34.1 51.1

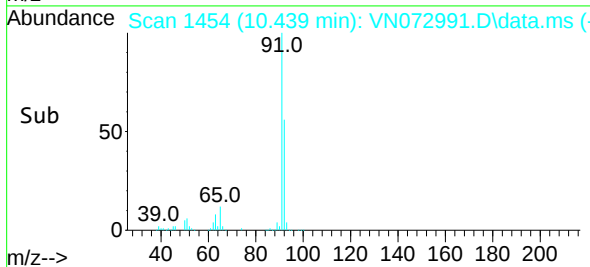
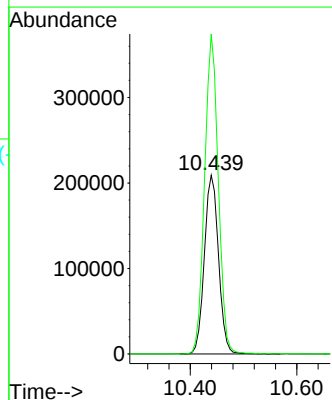
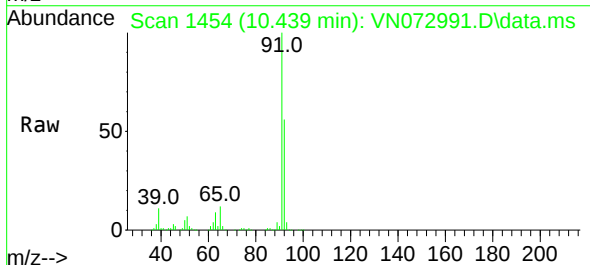
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/22/2022
Supervised By :Mahesh Dadoda 06/23/2022



#52
Toluene
Concen: 54.724 ug/l
RT: 10.439 min Scan# 1454
Delta R.T. 0.000 min
Lab File: VN072991.D
Acq: 21 Jun 2022 18:21

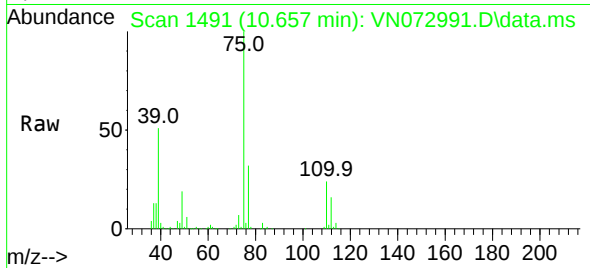
Tgt Ion: 92 Resp: 384882
Ion Ratio Lower Upper
92 100
91 173.0 138.6 207.8





#53
t-1,3-Dichloropropene
Concen: 57.160 ug/l
RT: 10.657 min Scan# 1491
Delta R.T. 0.000 min
Lab File: VN072991.D
Acq: 21 Jun 2022 18:21

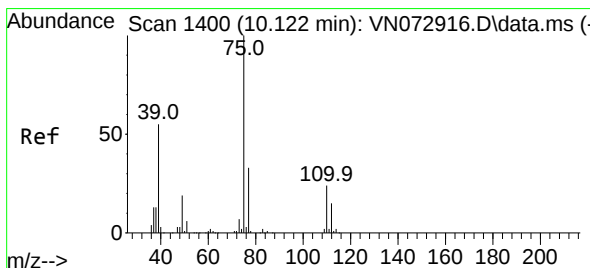
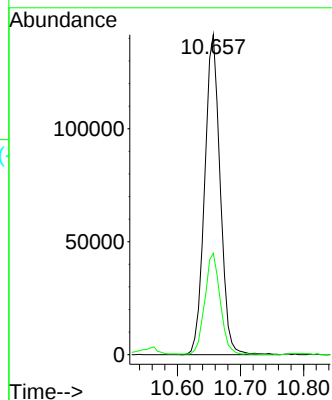
Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-07MSD



Tgt Ion: 75 Resp: 241889
Ion Ratio Lower Upper
75 100
77 31.7 25.6 38.4

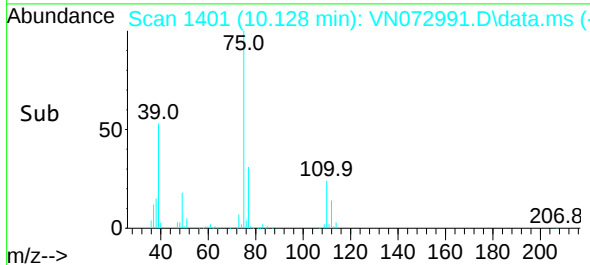
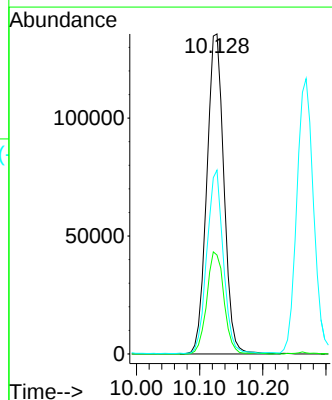
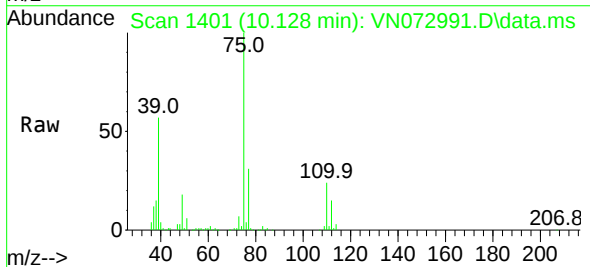
Manual Integrations
APPROVED

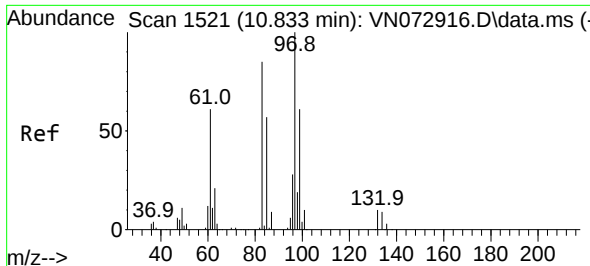
Reviewed By :John Carlone 06/22/2022
Supervised By :Mahesh Dadoda 06/23/2022



#54
cis-1,3-Dichloropropene
Concen: 55.196 ug/l
RT: 10.128 min Scan# 1401
Delta R.T. 0.006 min
Lab File: VN072991.D
Acq: 21 Jun 2022 18:21

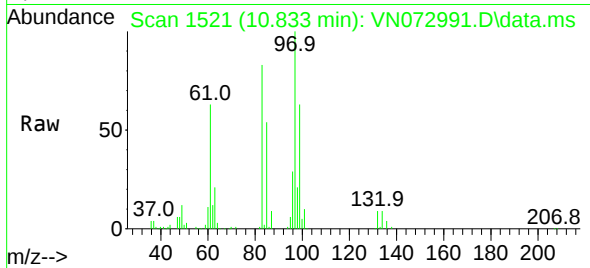
Tgt Ion: 75 Resp: 255136
Ion Ratio Lower Upper
75 100
77 30.9 25.2 37.8
39 57.2 35.7 53.5#





#55
1,1,2-Trichloroethane
Concen: 53.602 ug/l
RT: 10.833 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VN072991.D
Acq: 21 Jun 2022 18:21

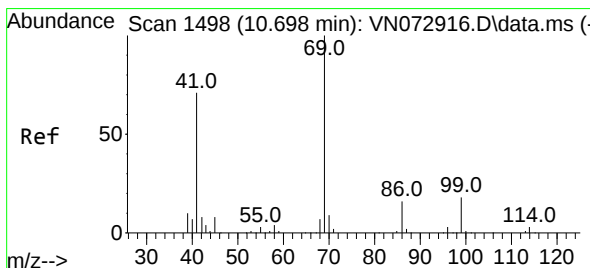
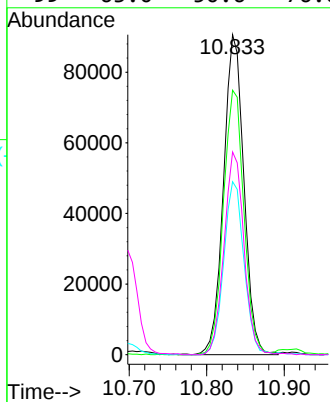
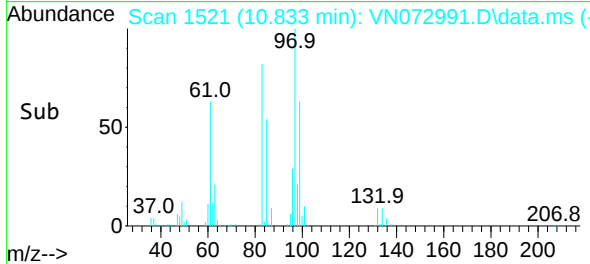
Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-07MSD



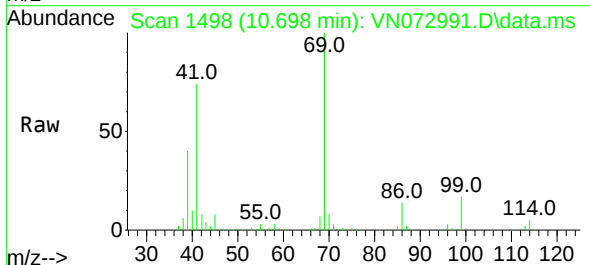
Tgt Ion: 97 Resp: 165528
Ion Ratio Lower Upper
97 100
83 82.6 66.2 99.4
85 53.9 43.9 65.9
99 63.0 50.6 76.0

Manual Integrations
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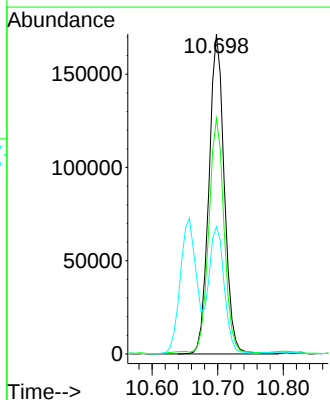
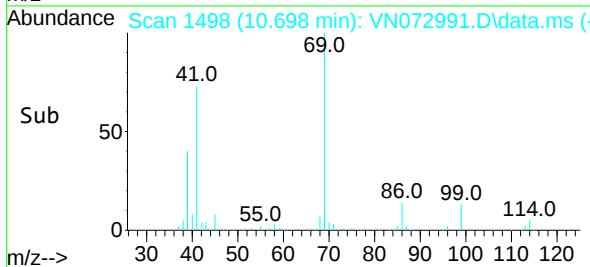
Reviewed By :John Carlone 06/22/2022
Supervised By :Mahesh Dadoda 06/23/2022

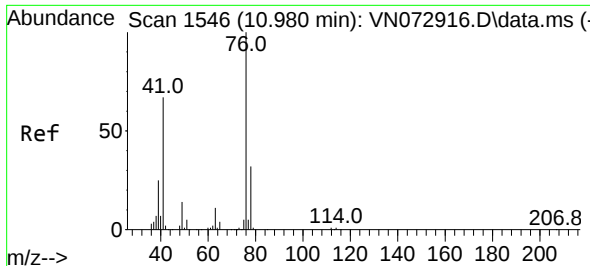


#56
Ethyl methacrylate
Concen: 56.450 ug/l
RT: 10.698 min Scan# 1498
Delta R.T. 0.000 min
Lab File: VN072991.D
Acq: 21 Jun 2022 18:21



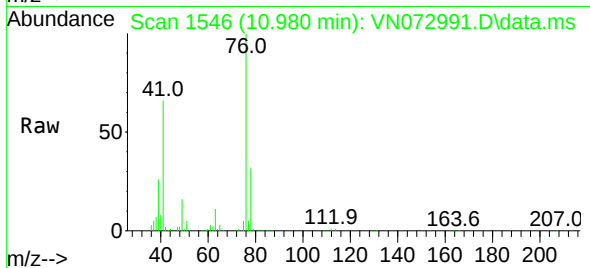
Tgt Ion: 69 Resp: 279410
Ion Ratio Lower Upper
69 100
41 75.0 47.8 71.6#
39 40.9 27.3 40.9





#57
1,3-Dichloropropane
Concen: 54.427 ug/l
RT: 10.980 min Scan# 1546
Delta R.T. 0.000 min
Lab File: VN072991.D
Acq: 21 Jun 2022 18:21

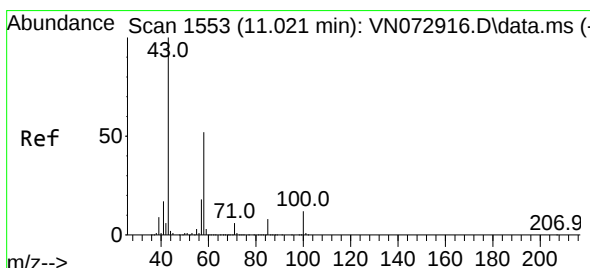
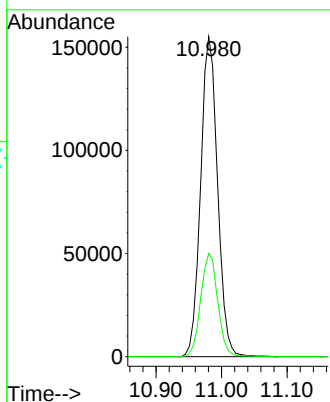
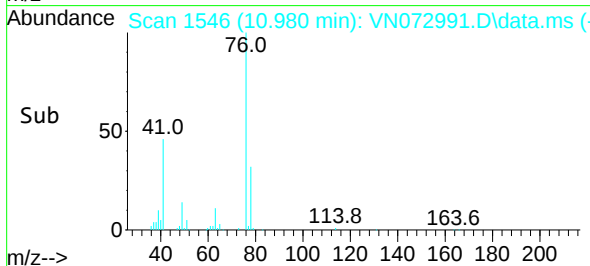
Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-07MSD



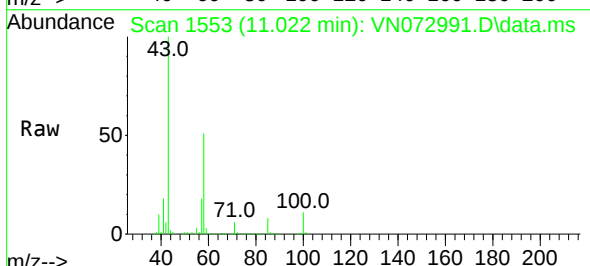
Tgt Ion: 76 Resp: 278840
Ion Ratio Lower Upper
76 100
78 32.5 26.2 39.2

Manual Integrations
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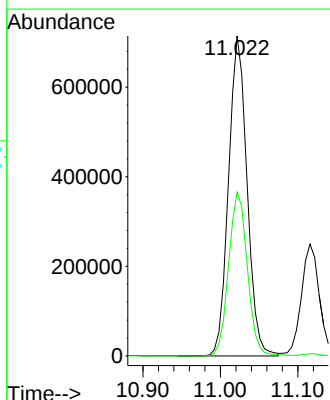
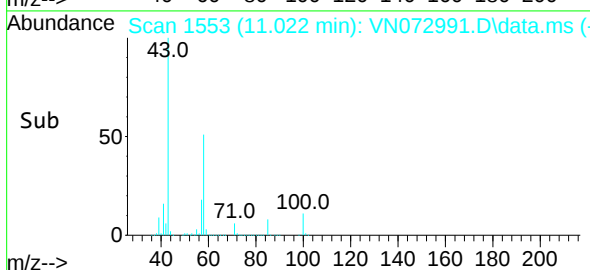
Reviewed By :John Carlone 06/22/2022
Supervised By :Mahesh Dadoda 06/23/2022

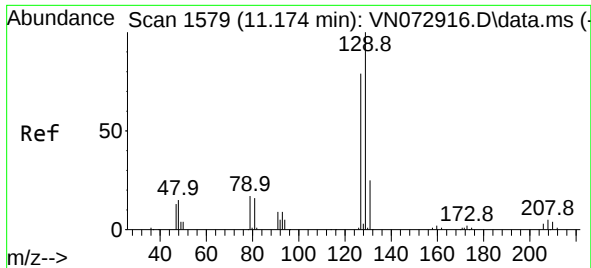


#59
2-Hexanone
Concen: 282.256 ug/l
RT: 11.022 min Scan# 1553
Delta R.T. 0.000 min
Lab File: VN072991.D
Acq: 21 Jun 2022 18:21



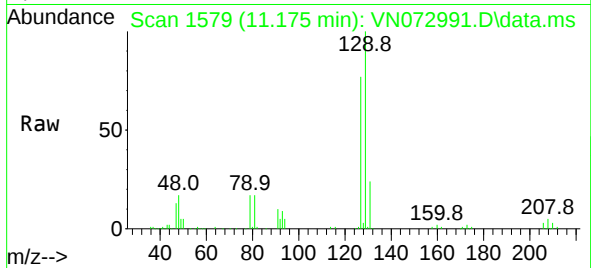
Tgt Ion: 43 Resp: 1186462
Ion Ratio Lower Upper
43 100
58 51.7 29.7 89.1





#60
Dibromochloromethane
Concen: 58.439 ug/l
RT: 11.175 min Scan# 1579
Delta R.T. 0.000 min
Lab File: VN072991.D
Acq: 21 Jun 2022 18:21

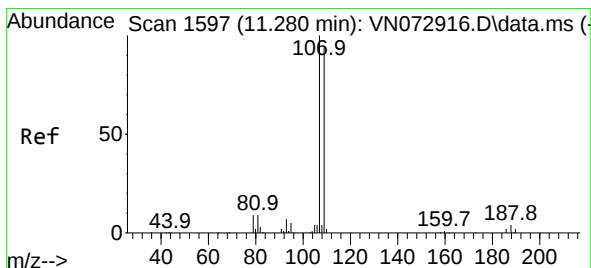
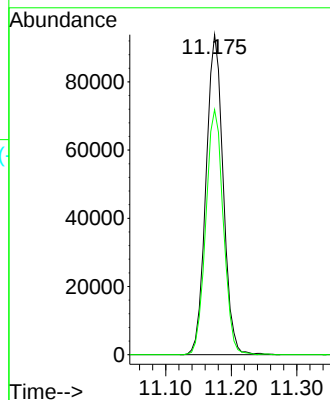
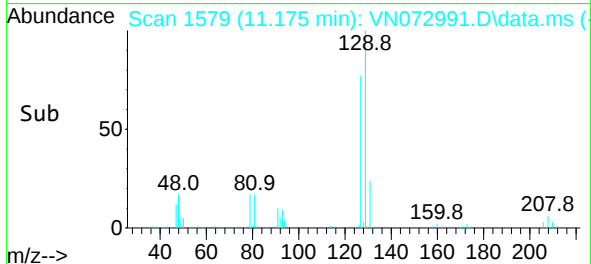
Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-07MSD



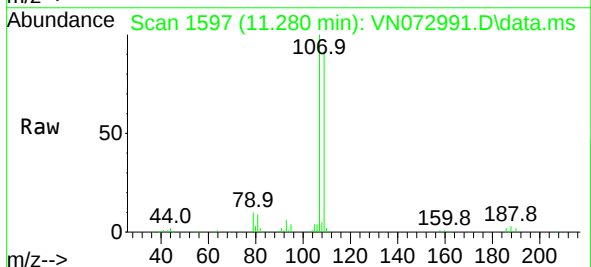
Tgt Ion:129 Resp: 17055
Ion Ratio Lower Upper
129 100
127 78.0 38.8 116.4

Manual Integrations
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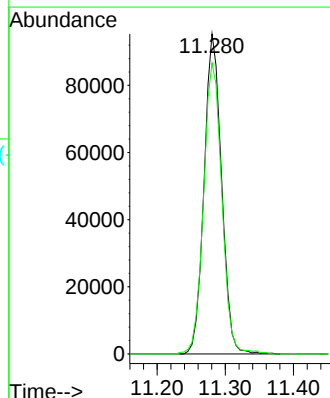
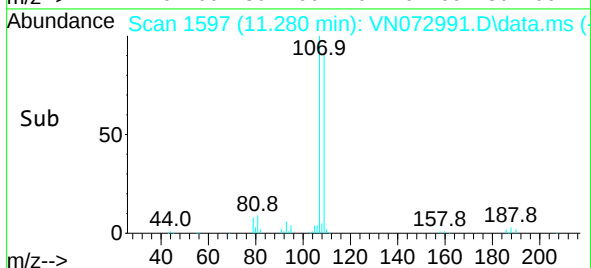
Reviewed By :John Carlone 06/22/2022
Supervised By :Mahesh Dadoda 06/23/2022

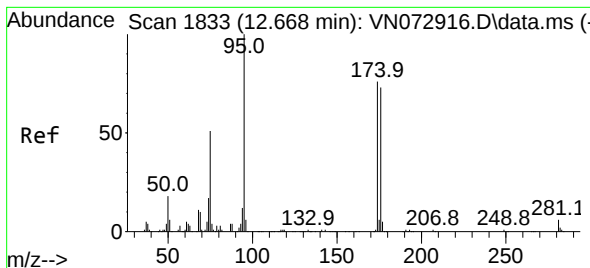


#61
1,2-Dibromoethane
Concen: 55.771 ug/l
RT: 11.280 min Scan# 1597
Delta R.T. 0.000 min
Lab File: VN072991.D
Acq: 21 Jun 2022 18:21



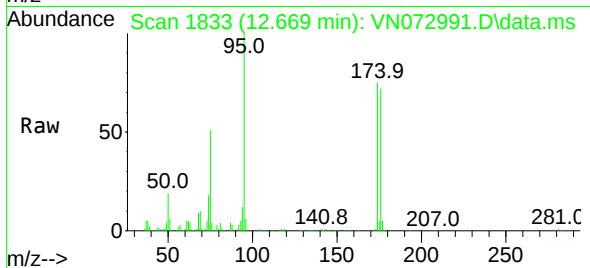
Tgt Ion:107 Resp: 169788
Ion Ratio Lower Upper
107 100
109 95.5 75.0 112.6





#62
4-Bromofluorobenzene
Concen: 57.264 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN072991.D
Acq: 21 Jun 2022 18:21

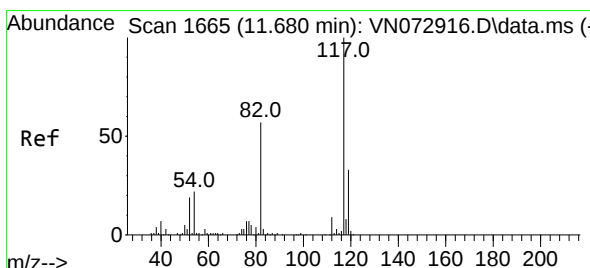
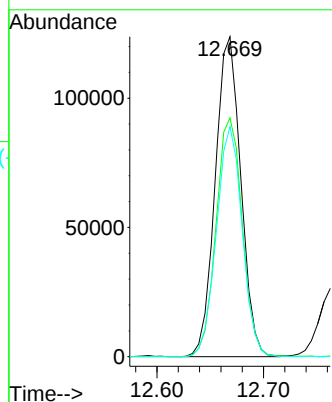
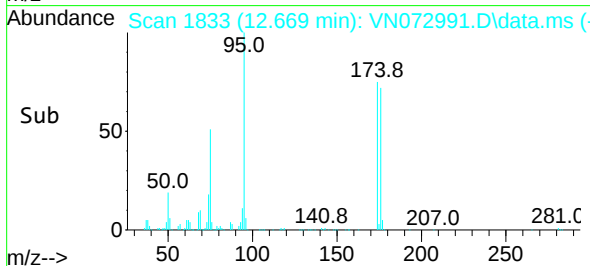
Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-07MSD



Tgt Ion: 95 Resp: 206409
Ion Ratio Lower Upper
95 100
174 76.3 0.0 167.6
176 72.5 0.0 163.4

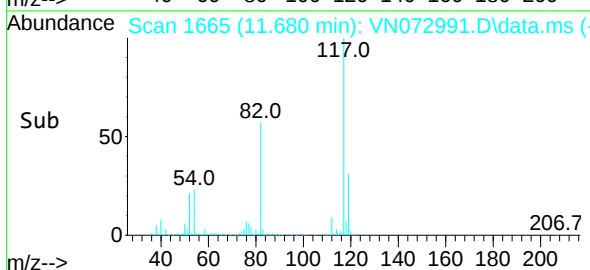
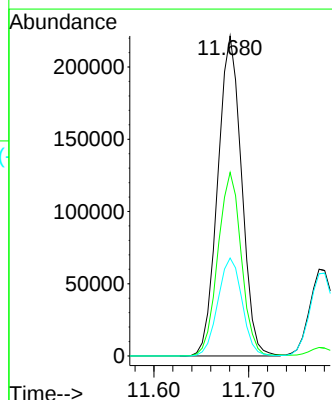
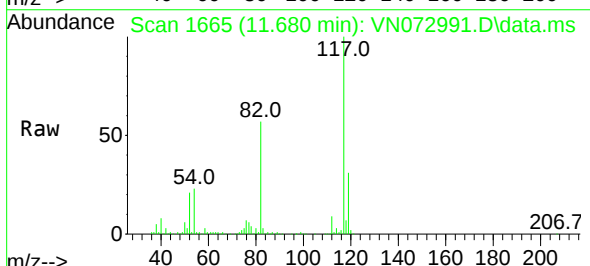
Manual Integrations
APPROVED

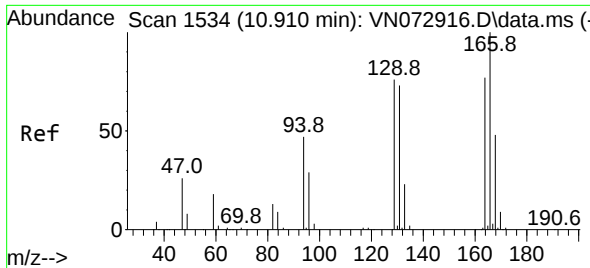
Reviewed By :John Carlone 06/22/2022
Supervised By :Mahesh Dadoda 06/23/2022



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VN072991.D
Acq: 21 Jun 2022 18:21

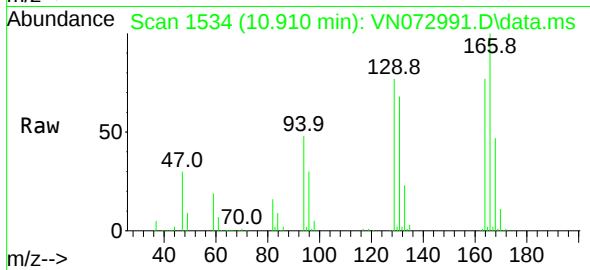
Tgt Ion:117 Resp: 387133
Ion Ratio Lower Upper
117 100
82 57.4 44.2 66.2
119 30.6 25.4 38.0





#64
Tetrachloroethene
Concen: 50.951 ug/l
RT: 10.910 min Scan# 1534
Delta R.T. 0.000 min
Lab File: VN072991.D
Acq: 21 Jun 2022 18:21

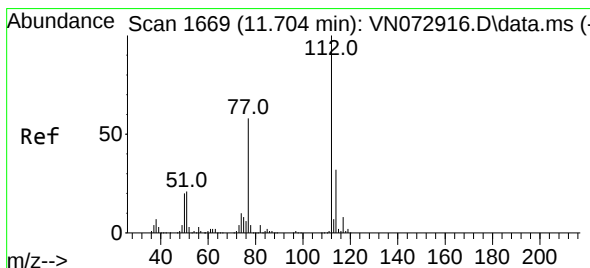
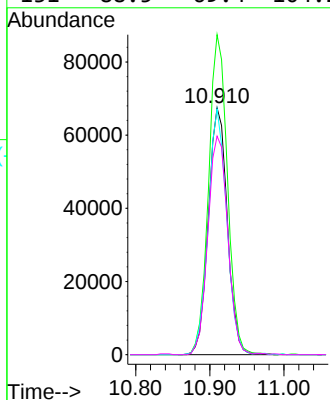
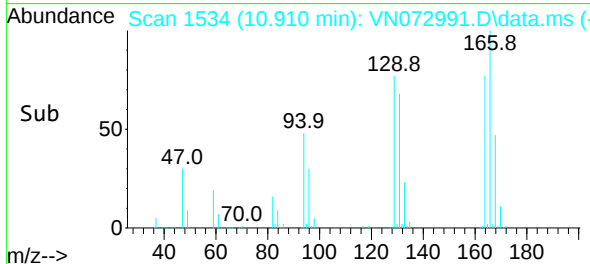
Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-07MSD



Tgt Ion:164 Resp: 11994
Ion Ratio Lower Upper
164 100
166 129.6 104.2 156.2
129 99.5 73.9 110.9
131 88.5 69.4 104.2

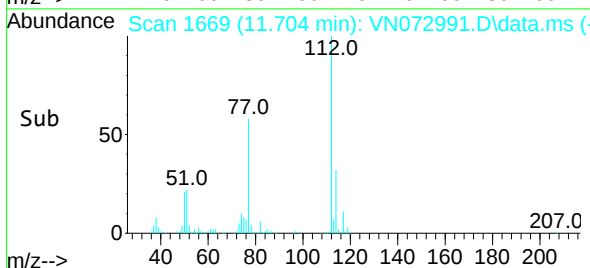
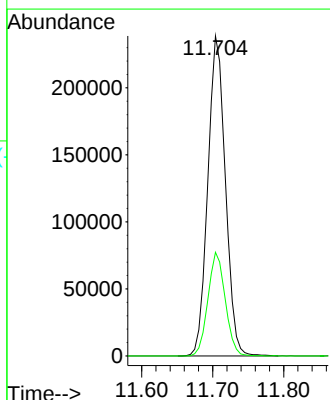
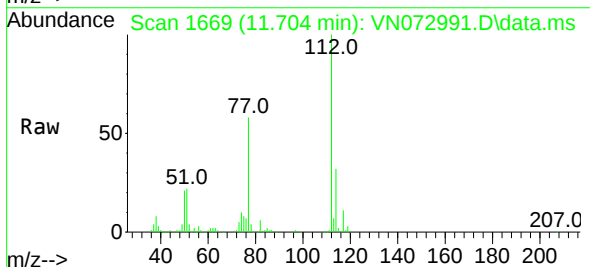
Manual Integrations
APPROVED

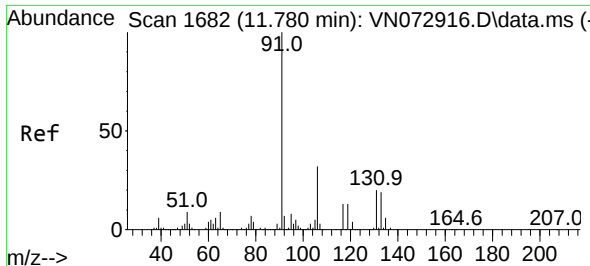
Reviewed By :John Carlone 06/22/2022
Supervised By :Mahesh Dadoda 06/23/2022



#65
Chlorobenzene
Concen: 54.337 ug/l
RT: 11.704 min Scan# 1669
Delta R.T. 0.000 min
Lab File: VN072991.D
Acq: 21 Jun 2022 18:21

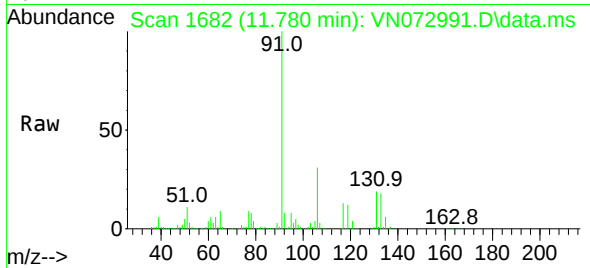
Tgt Ion:112 Resp: 410817
Ion Ratio Lower Upper
112 100
114 32.4 25.4 38.2





#66
1,1,1,2-Tetrachloroethane
Concen: 55.095 ug/l
RT: 11.780 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VN072991.D
Acq: 21 Jun 2022 18:21

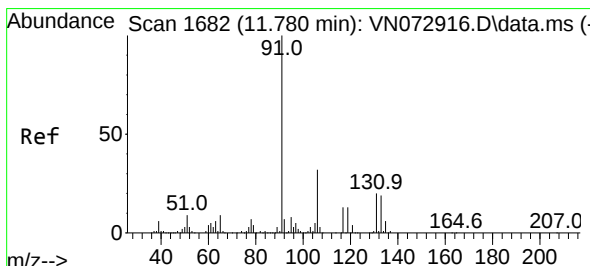
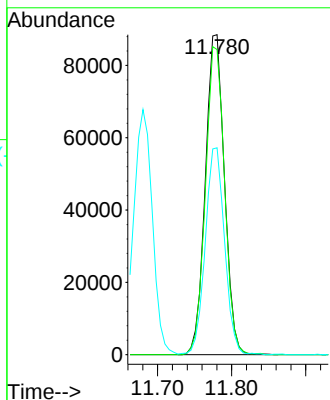
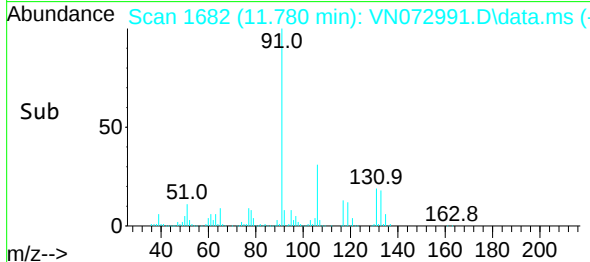
Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-07MSD



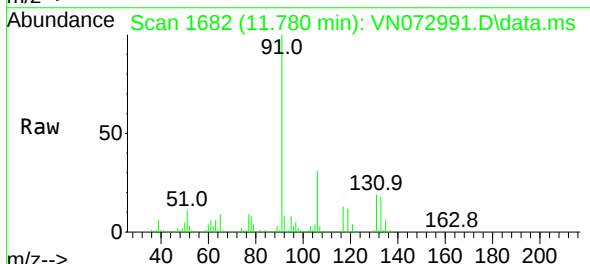
Tgt Ion:131 Resp: 15854
Ion Ratio Lower Upper
131 100
133 96.3 47.8 143.4
119 65.4 33.4 100.2

Manual Integrations
APPROVED

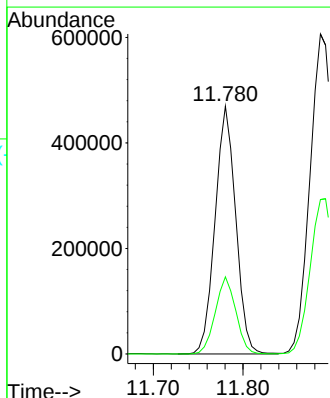
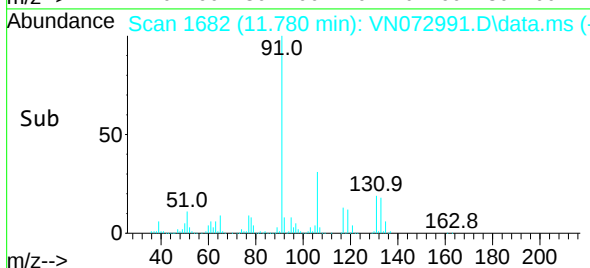
Reviewed By :John Carlone 06/22/2022
Supervised By :Mahesh Dadoda 06/23/2022

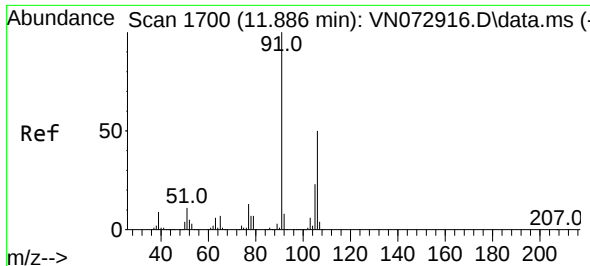


#67
Ethyl Benzene
Concen: 56.382 ug/l
RT: 11.780 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VN072991.D
Acq: 21 Jun 2022 18:21



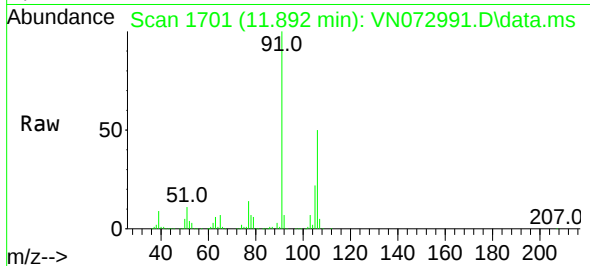
Tgt Ion: 91 Resp: 750396
Ion Ratio Lower Upper
91 100
106 31.2 24.9 37.3





#68
m/p-Xylenes
Concen: 109.023 ug/l
RT: 11.892 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VN072991.D
Acq: 21 Jun 2022 18:21

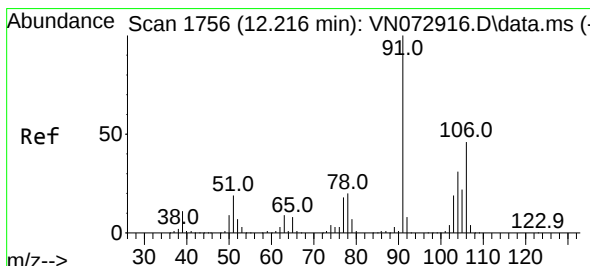
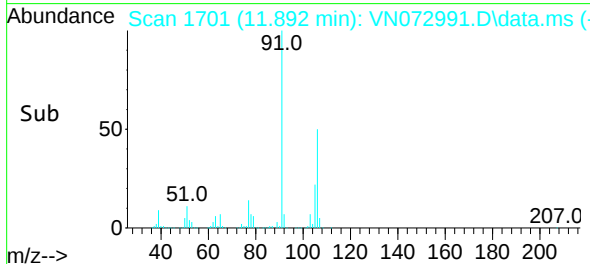
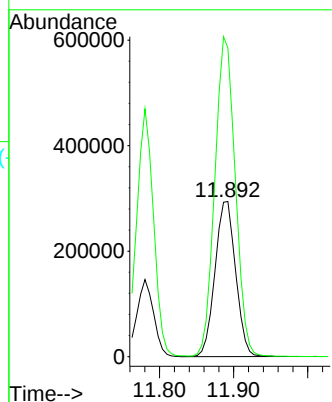
Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-07MSD



Tgt Ion:106 Resp: 569109
Ion Ratio Lower Upper
106 100
91 204.4 158.9 238.3

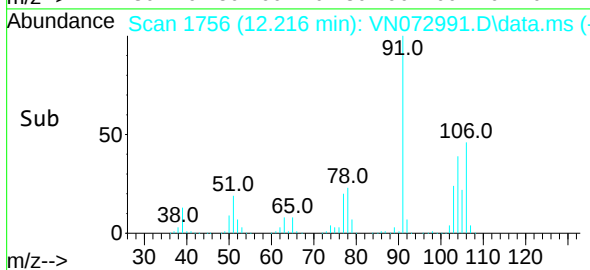
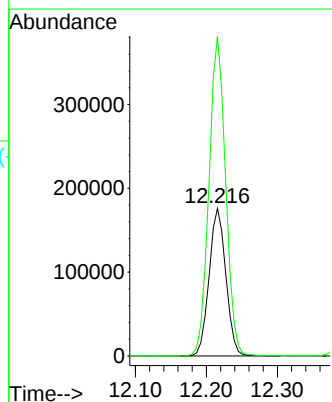
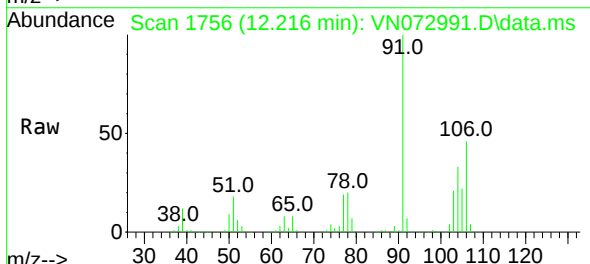
Manual Integrations
APPROVED

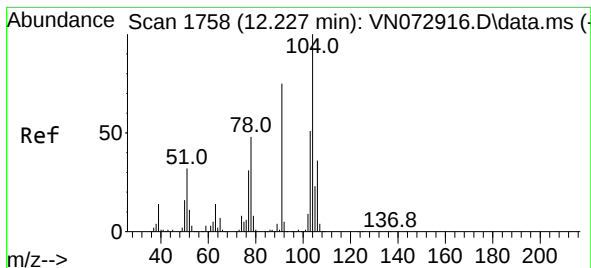
Reviewed By :John Carlone 06/22/2022
Supervised By :Mahesh Dadoda 06/23/2022



#69
o-Xylene
Concen: 55.228 ug/l
RT: 12.216 min Scan# 1756
Delta R.T. 0.000 min
Lab File: VN072991.D
Acq: 21 Jun 2022 18:21

Tgt Ion:106 Resp: 288078
Ion Ratio Lower Upper
106 100
91 216.1 106.0 318.0





#70

Styrene

Concen: 56.483 ug/l

RT: 12.227 min Scan# 1758

Delta R.T. 0.000 min

Lab File: VN072991.D

Acq: 21 Jun 2022 18:21

Instrument :

MSVOA_N

ClientSampleId :

TOLL-MW-07MSD

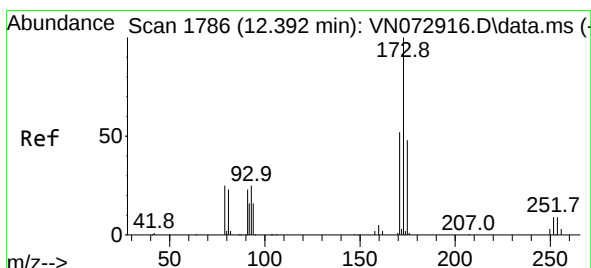
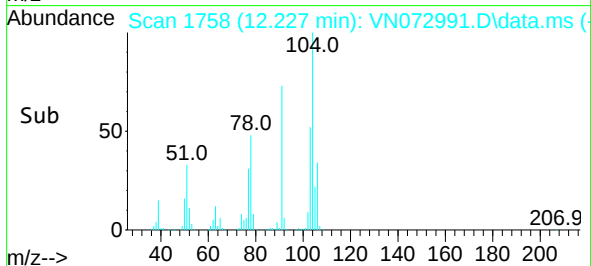
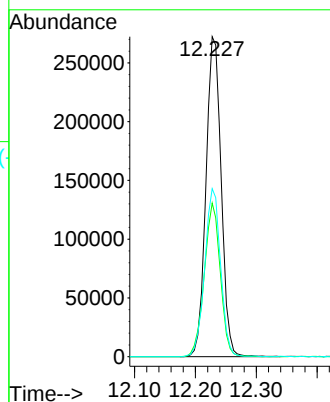
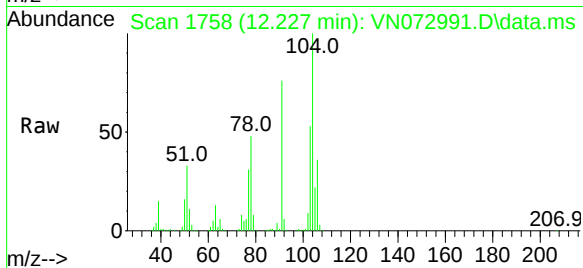
Tgt Ion:104 Resp: 47313
 Ion Ratio Lower Upper
 104 100
 78 50.4 39.5 59.3
 103 54.8 44.0 66.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/22/2022

Supervised By :Mahesh Dadoda 06/23/2022



#71

Bromoform

Concen: 58.385 ug/l

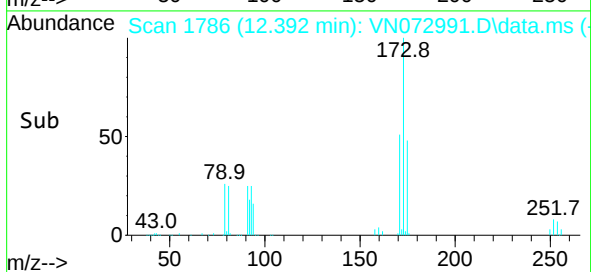
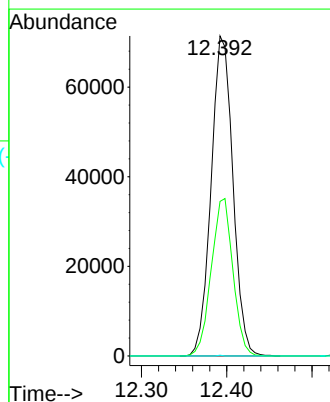
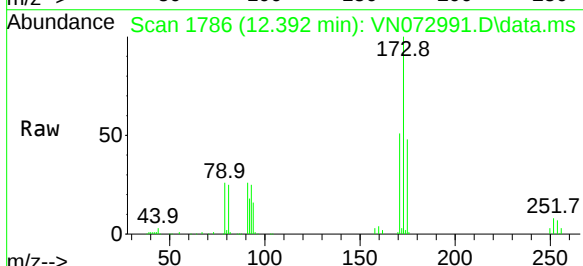
RT: 12.392 min Scan# 1786

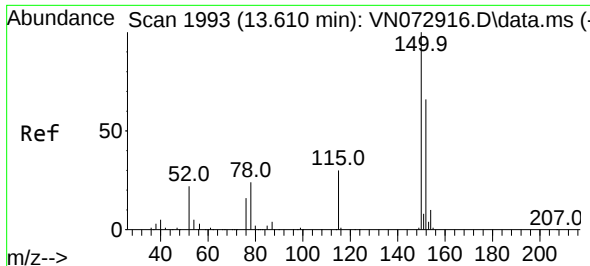
Delta R.T. 0.000 min

Lab File: VN072991.D

Acq: 21 Jun 2022 18:21

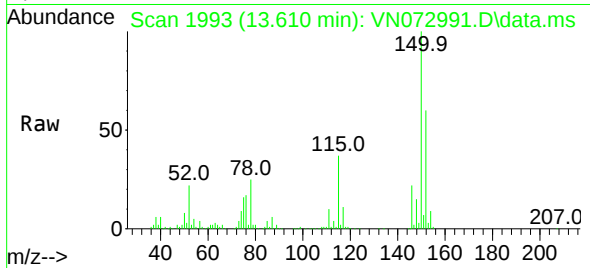
Tgt Ion:173 Resp: 126678
 Ion Ratio Lower Upper
 173 100
 175 48.9 24.6 73.6
 254 0.0 0.1 0.1#





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.610 min Scan# 1993
Delta R.T. 0.000 min
Lab File: VN072991.D
Acq: 21 Jun 2022 18:21

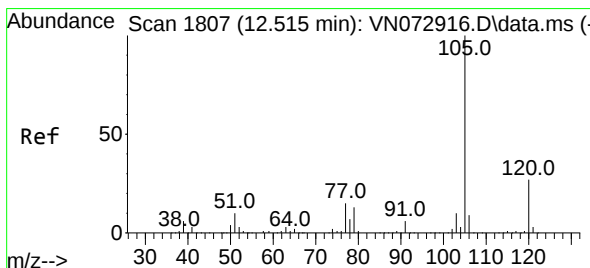
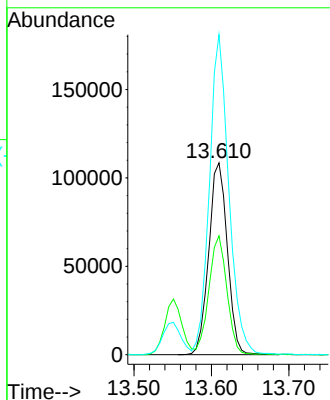
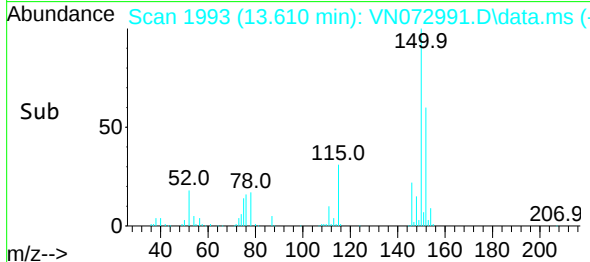
Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-07MSD



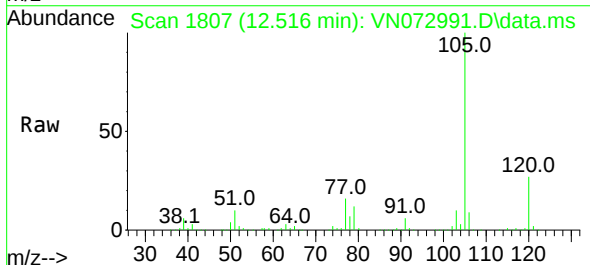
Tgt Ion:152 Resp: 18115
Ion Ratio Lower Upper
152 100
115 58.8 28.9 86.7
150 173.1 0.0 356.2

Manual Integrations
APPROVED

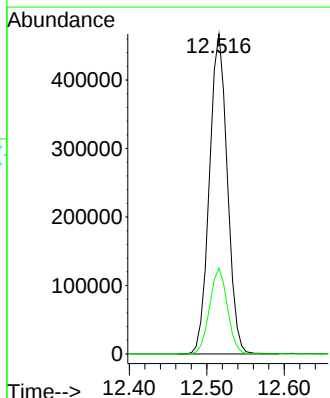
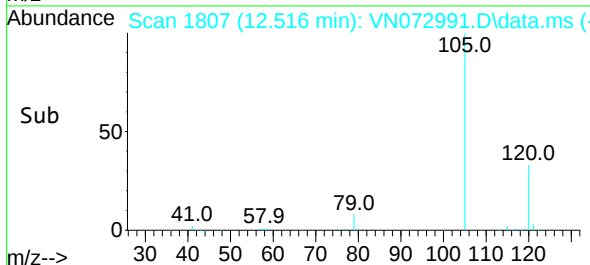
Reviewed By :John Carlone 06/22/2022
Supervised By :Mahesh Dadoda 06/23/2022

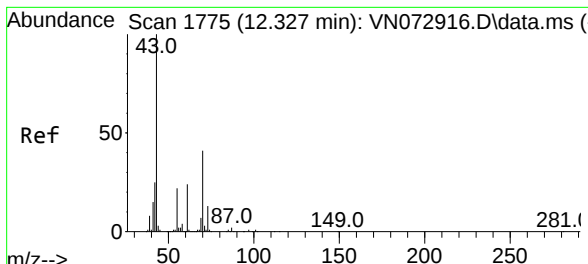


#73
Isopropylbenzene
Concen: 53.540 ug/l
RT: 12.516 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN072991.D
Acq: 21 Jun 2022 18:21



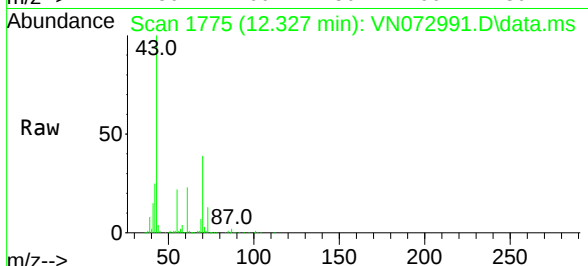
Tgt Ion:105 Resp: 750355
Ion Ratio Lower Upper
105 100
120 26.6 13.5 40.4





#74
N-amy1 acetate
Concen: 52.869 ug/l
RT: 12.327 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN072991.D
Acq: 21 Jun 2022 18:21

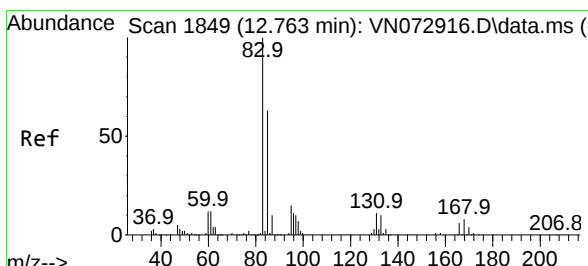
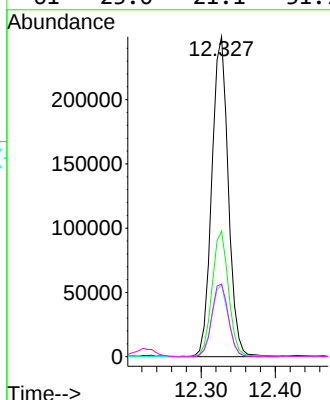
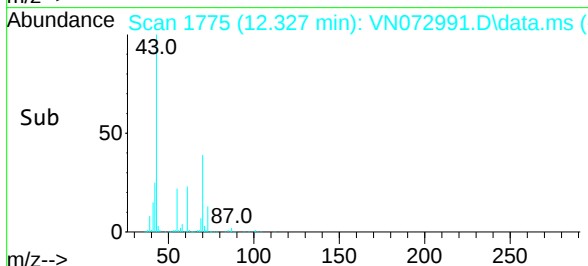
Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-07MSD



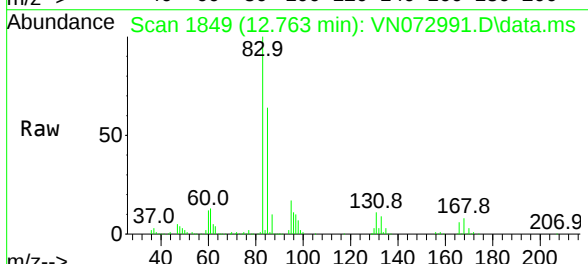
Tgt Ion: 43	Resp: 38450
Ion Ratio	Lower Upper
43 100	
70 39.2	39.0 58.4
55 22.6	21.1 31.7
61 23.0	21.1 31.7

Manual Integrations
APPROVED

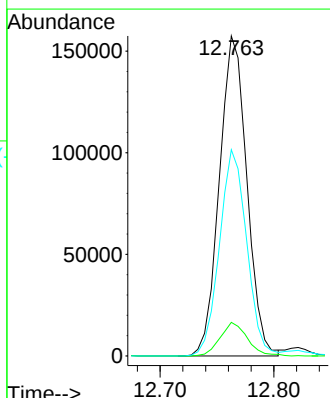
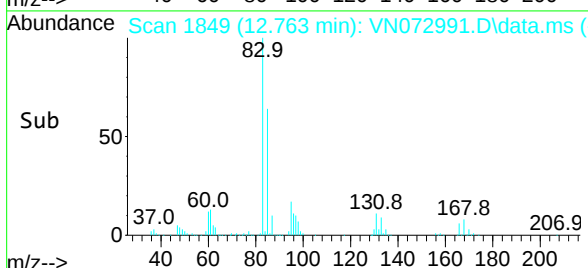
Reviewed By :John Carlone 06/22/2022
Supervised By :Mahesh Dadoda 06/23/2022

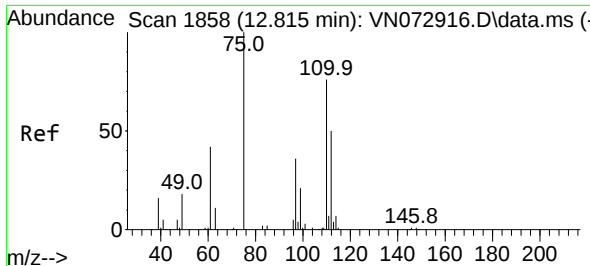


#75
1,1,2,2-Tetrachloroethane
Concen: 52.457 ug/l
RT: 12.763 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VN072991.D
Acq: 21 Jun 2022 18:21



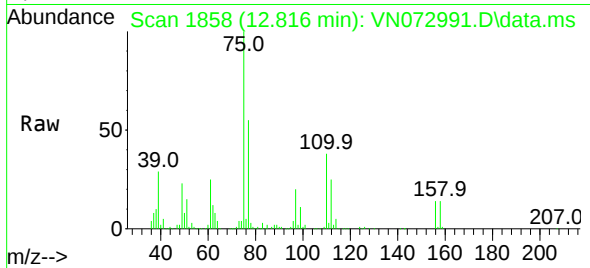
Tgt Ion: 83	Resp: 264764
Ion Ratio	Lower Upper
83 100	
131 10.4	5.3 15.9
85 63.8	32.3 96.9





#76
1,2,3-Trichloropropane
Concen: 47.027 ug/l m
RT: 12.816 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN072991.D
Acq: 21 Jun 2022 18:21

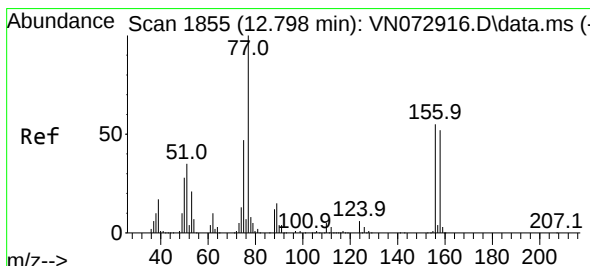
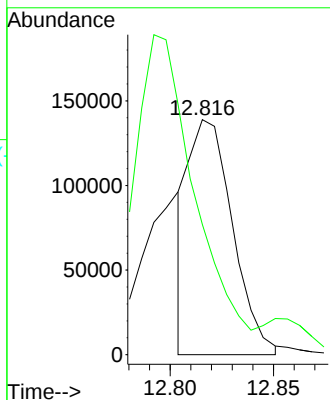
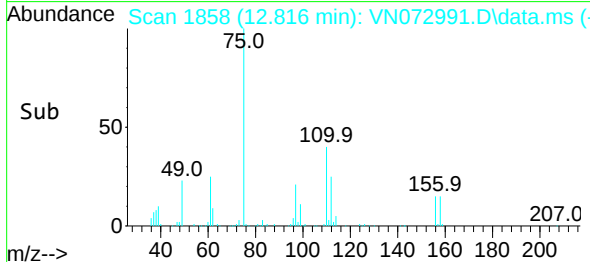
Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-07MSD



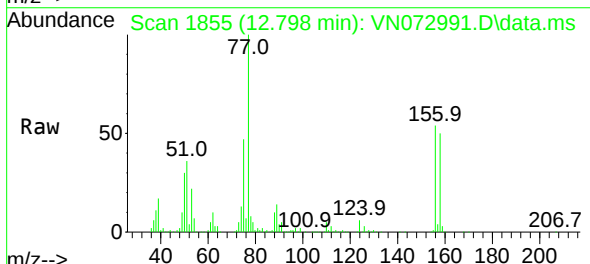
Tgt Ion: 75 Resp: 206548
Ion Ratio Lower Upper
75 100
77 0.0 98.5 295.5

Manual Integrations
APPROVED

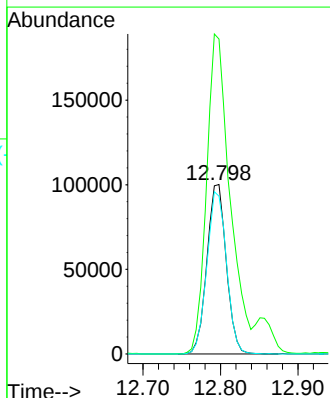
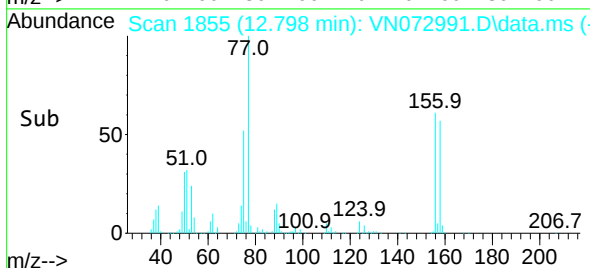
Reviewed By :John Carlone 06/22/2022
Supervised By :Mahesh Dadoda 06/23/2022

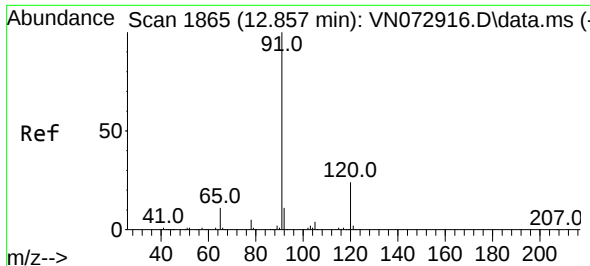


#77
Bromobenzene
Concen: 51.961 ug/l
RT: 12.798 min Scan# 1855
Delta R.T. 0.000 min
Lab File: VN072991.D
Acq: 21 Jun 2022 18:21



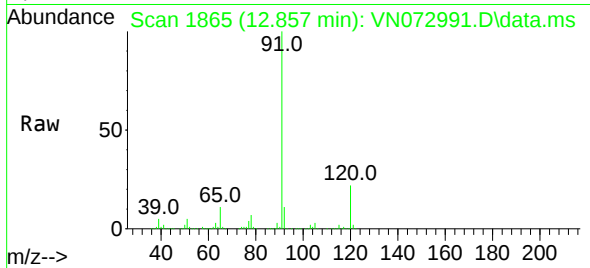
Tgt Ion:156 Resp: 174458
Ion Ratio Lower Upper
156 100
77 226.4 100.5 301.5
158 96.9 48.9 146.6





#78
n-propylbenzene
Concen: 56.044 ug/l
RT: 12.857 min Scan# 1865
Delta R.T. 0.000 min
Lab File: VN072991.D
Acq: 21 Jun 2022 18:21

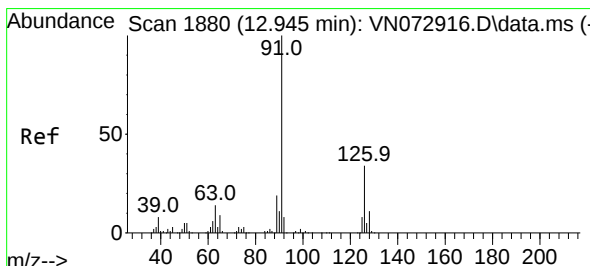
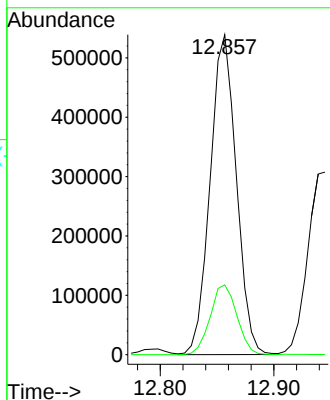
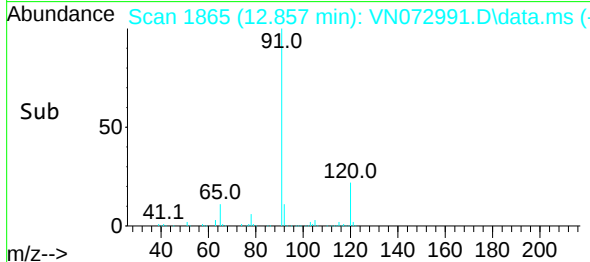
Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-07MSD



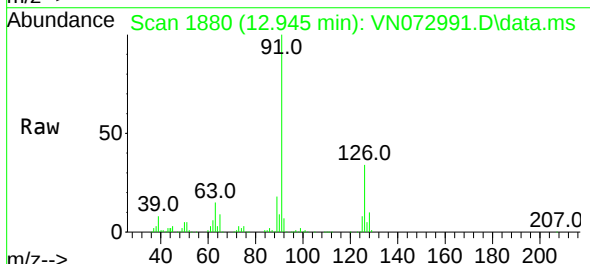
Tgt Ion: 91 Resp: 863948
Ion Ratio Lower Upper
91 100
120 22.2 11.9 35.5

Manual Integrations
APPROVED

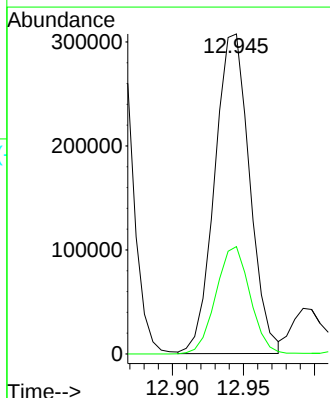
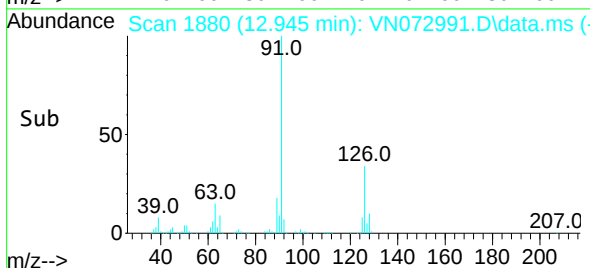
Reviewed By :John Carlone 06/22/2022
Supervised By :Mahesh Dadoda 06/23/2022

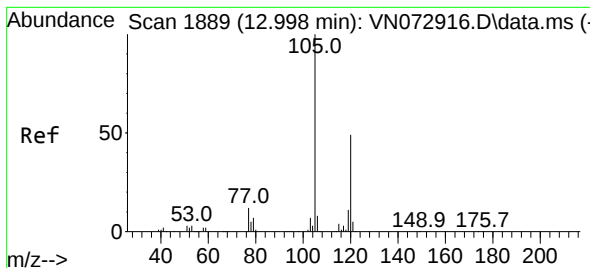


#79
2-Chlorotoluene
Concen: 52.800 ug/l
RT: 12.945 min Scan# 1880
Delta R.T. 0.000 min
Lab File: VN072991.D
Acq: 21 Jun 2022 18:21



Tgt Ion: 91 Resp: 527069
Ion Ratio Lower Upper
91 100
126 32.9 17.3 51.9





#80

1,3,5-Trimethylbenzene

Concen: 53.742 ug/l

RT: 12.992 min Scan# 1888

Delta R.T. -0.006 min

Lab File: VN072991.D

Acq: 21 Jun 2022 18:21

Instrument :

MSVOA_N

ClientSampleId :

TOLL-MW-07MSD

Tgt Ion:105 Resp: 61867

Ion Ratio Lower Upper

105 100

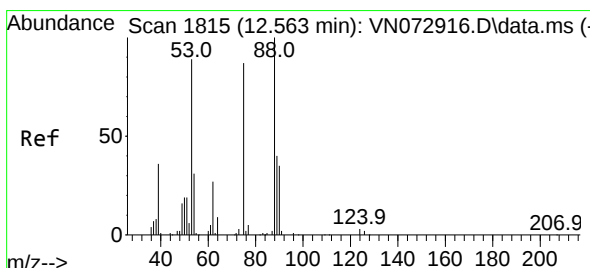
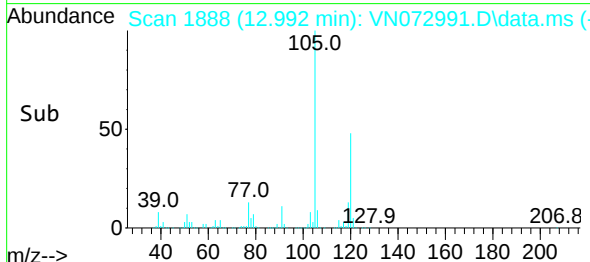
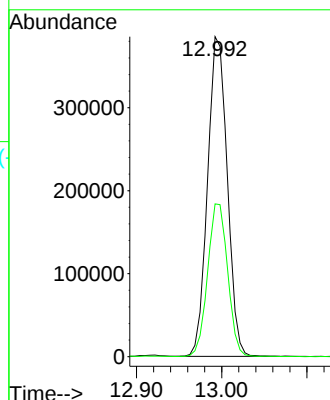
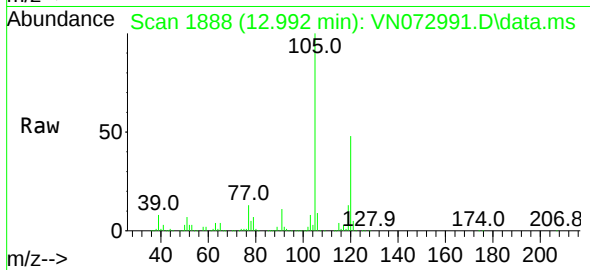
120 48.5 24.9 74.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/22/2022

Supervised By :Mahesh Dadoda 06/23/2022



#81

trans-1,4-Dichloro-2-butene

Concen: 52.305 ug/l

RT: 12.563 min Scan# 1815

Delta R.T. 0.000 min

Lab File: VN072991.D

Acq: 21 Jun 2022 18:21

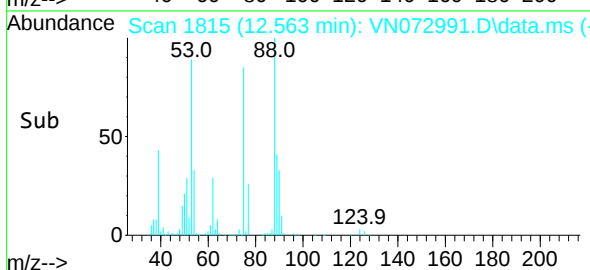
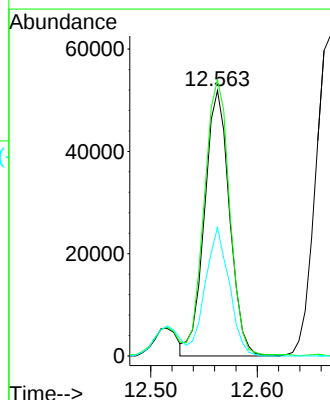
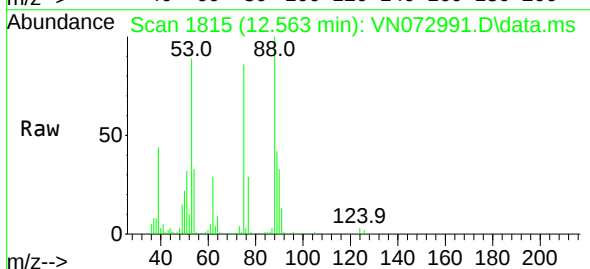
Tgt Ion: 75 Resp: 85065

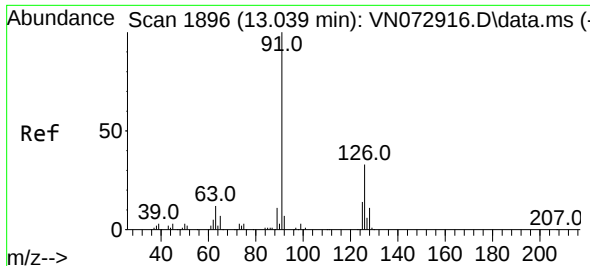
Ion Ratio Lower Upper

75 100

53 105.4 78.0 117.0

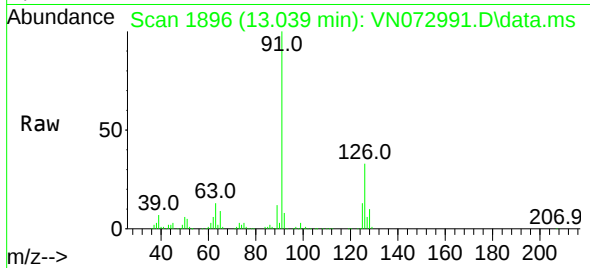
89 46.2 37.2 55.8





#82
4-Chlorotoluene
Concen: 54.260 ug/l
RT: 13.039 min Scan# 1896
Delta R.T. 0.000 min
Lab File: VN072991.D
Acq: 21 Jun 2022 18:21

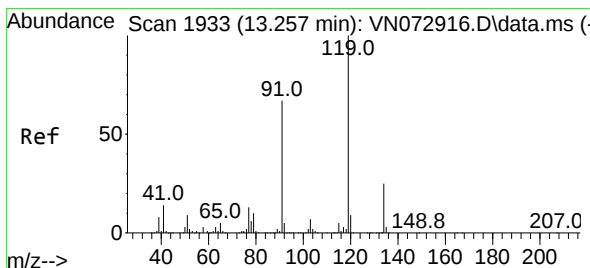
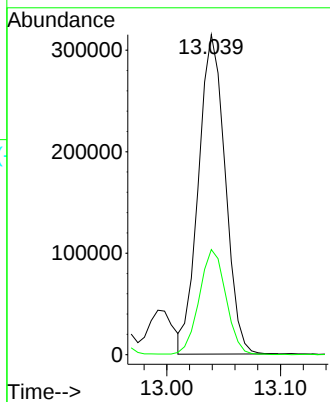
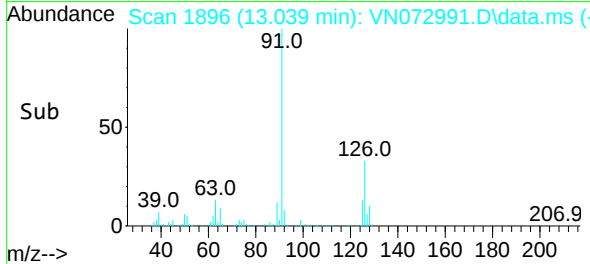
Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-07MSD



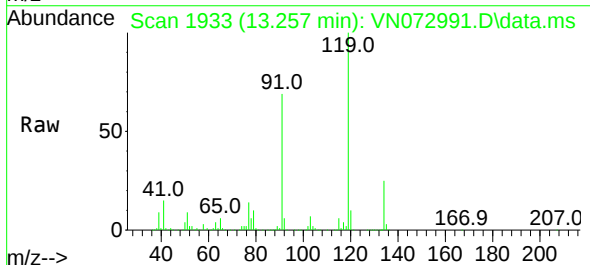
Tgt Ion: 91 Resp: 51246
Ion Ratio Lower Upper
91 100
126 33.1 17.2 51.6

Manual Integrations
APPROVED

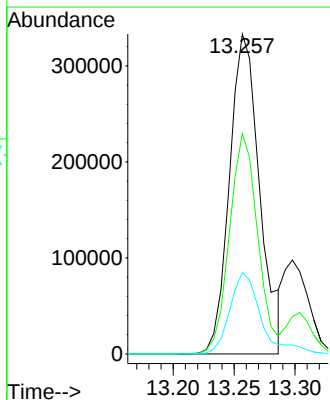
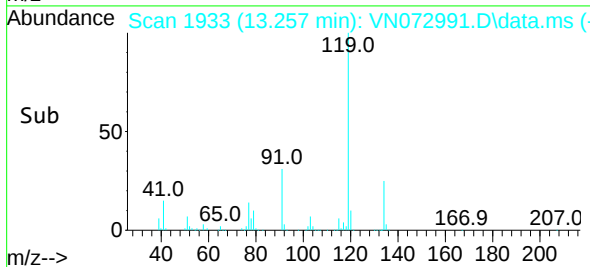
Reviewed By :John Carlone 06/22/2022
Supervised By :Mahesh Dadoda 06/23/2022

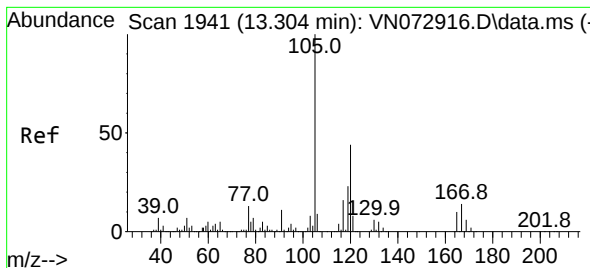


#83
tert-Butylbenzene
Concen: 54.478 ug/l
RT: 13.257 min Scan# 1933
Delta R.T. 0.000 min
Lab File: VN072991.D
Acq: 21 Jun 2022 18:21



Tgt Ion:119 Resp: 574373
Ion Ratio Lower Upper
119 100
91 64.5 31.6 94.8
134 26.4 13.7 41.1





#84

1,2,4-Trimethylbenzene

Concen: 53.837 ug/l

RT: 13.304 min Scan# 1941

Delta R.T. 0.000 min

Lab File: VN072991.D

Acq: 21 Jun 2022 18:21

Instrument :

MSVOA_N

ClientSampleId :

TOLL-MW-07MSD

Tgt Ion:105 Resp: 617302

Ion Ratio Lower Upper

105 100

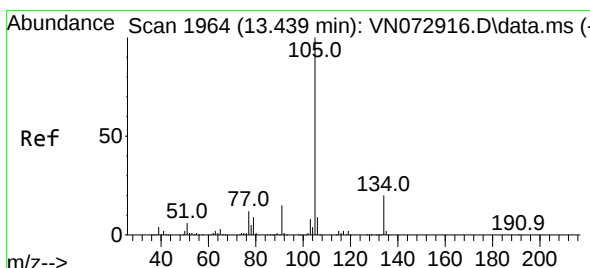
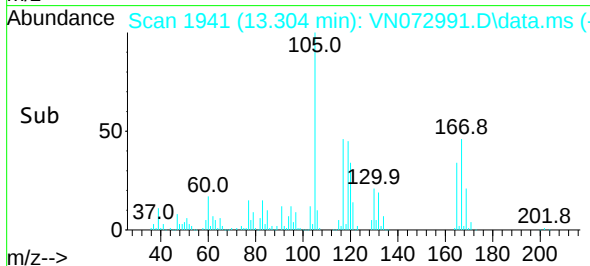
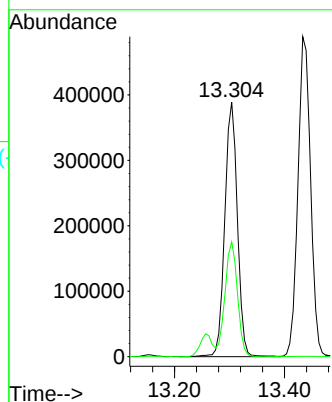
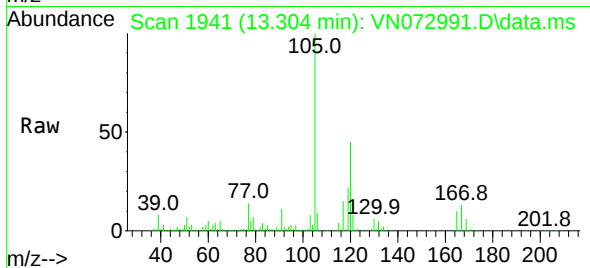
120 44.5 23.3 69.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/22/2022

Supervised By :Mahesh Dadoda 06/23/2022



#85

sec-Butylbenzene

Concen: 55.425 ug/l

RT: 13.433 min Scan# 1963

Delta R.T. -0.006 min

Lab File: VN072991.D

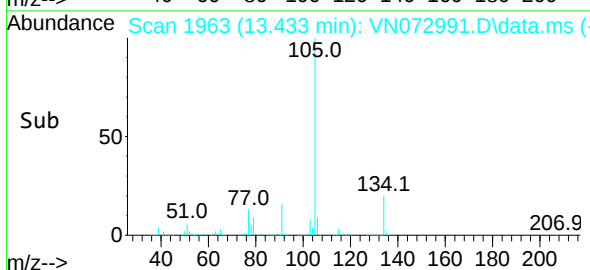
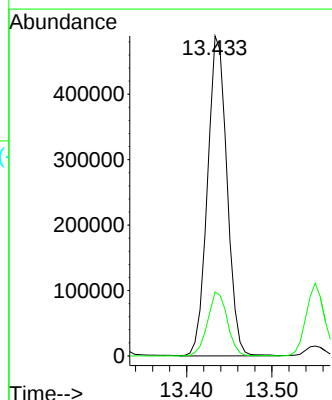
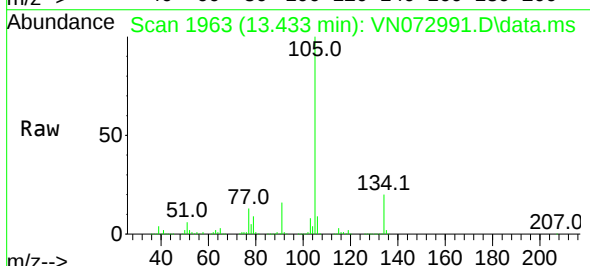
Acq: 21 Jun 2022 18:21

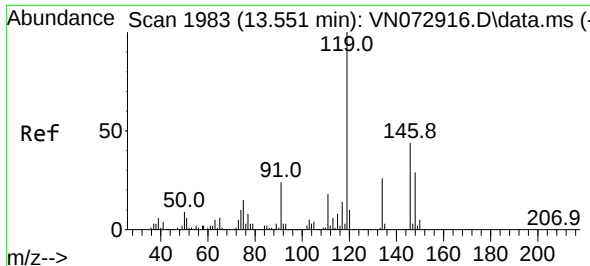
Tgt Ion:105 Resp: 779518

Ion Ratio Lower Upper

105 100

134 20.3 10.4 31.1





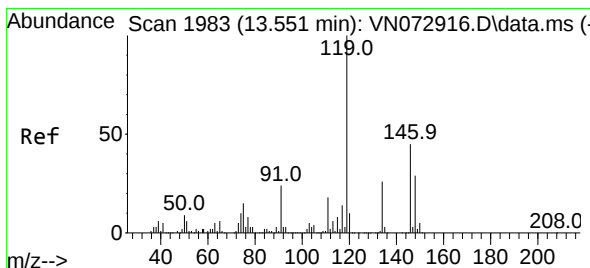
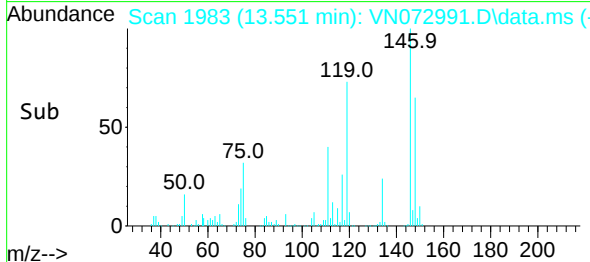
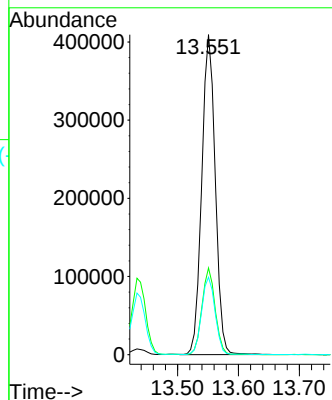
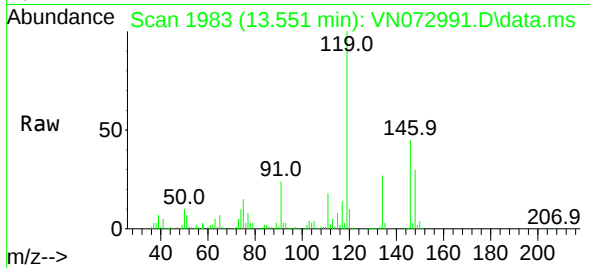
#86
p-Isopropyltoluene
Concen: 55.310 ug/l
RT: 13.551 min Scan# 1983
Delta R.T. 0.000 min
Lab File: VN072991.D
Acq: 21 Jun 2022 18:21

Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-07MSD

Tgt Ion:119 Resp: 629812
Ion Ratio Lower Upper
119 100
134 26.5 13.3 39.8
91 24.0 11.3 33.9

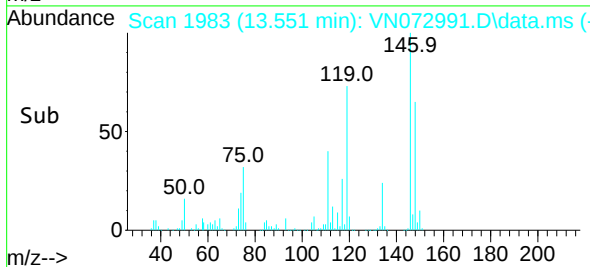
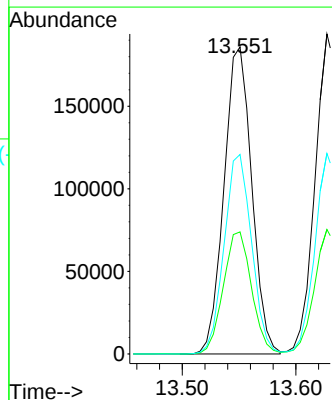
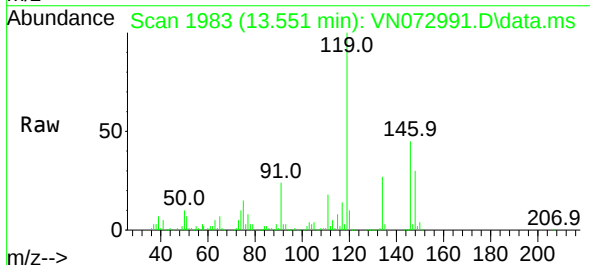
Manual Integrations
APPROVED

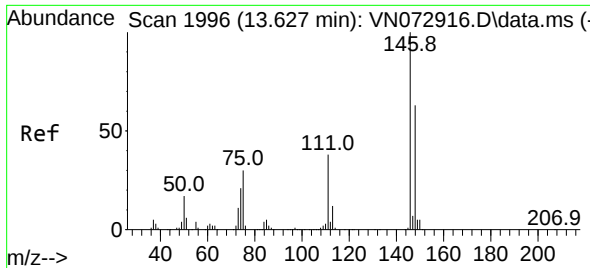
Reviewed By :John Carlone 06/22/2022
Supervised By :Mahesh Dadoda 06/23/2022



#87
1,3-Dichlorobenzene
Concen: 52.648 ug/l
RT: 13.551 min Scan# 1983
Delta R.T. 0.000 min
Lab File: VN072991.D
Acq: 21 Jun 2022 18:21

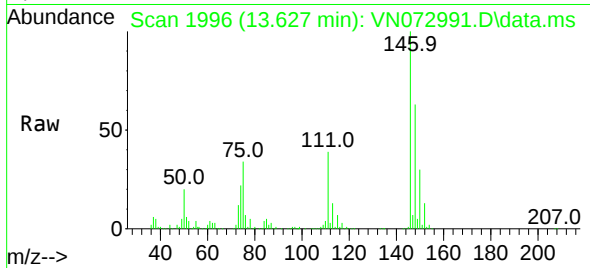
Tgt Ion:146 Resp: 315581
Ion Ratio Lower Upper
146 100
111 40.4 20.0 60.0
148 64.4 32.0 96.0





#88
1,4-Dichlorobenzene
Concen: 52.568 ug/l
RT: 13.627 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN072991.D
Acq: 21 Jun 2022 18:21

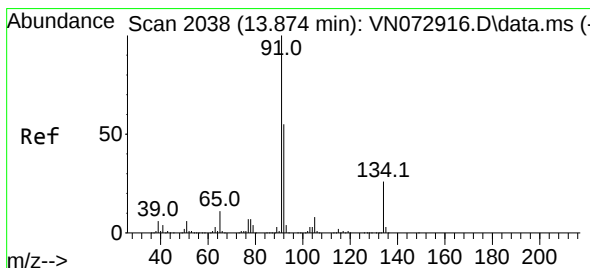
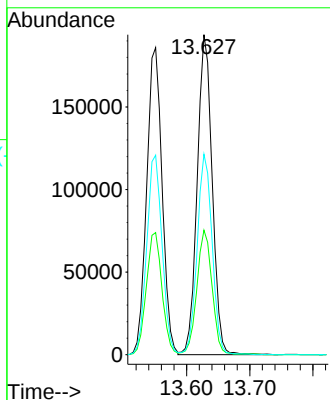
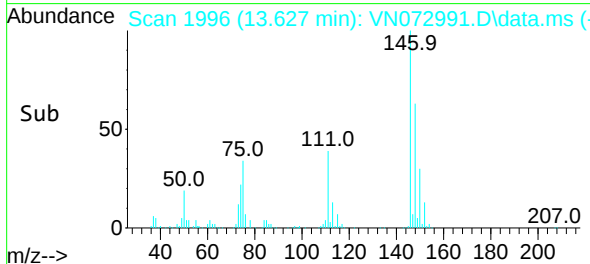
Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-07MSD



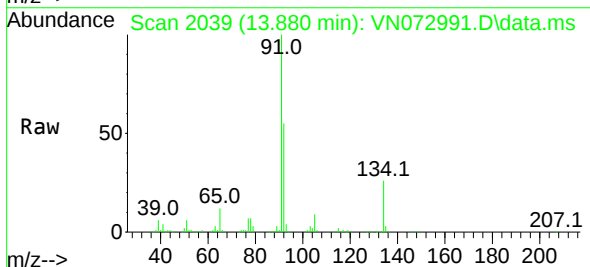
Tgt Ion:146 Resp: 31892
Ion Ratio Lower Upper
146 100
111 38.9 19.1 57.1
148 62.7 31.4 94.3

Manual Integrations
APPROVED

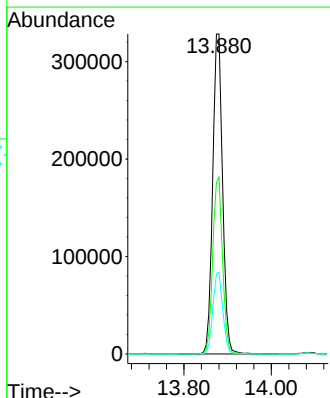
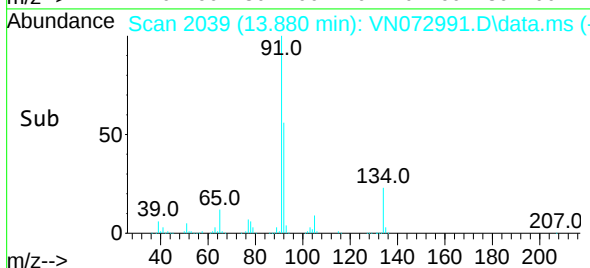
Reviewed By :John Carlone 06/22/2022
Supervised By :Mahesh Dadoda 06/23/2022

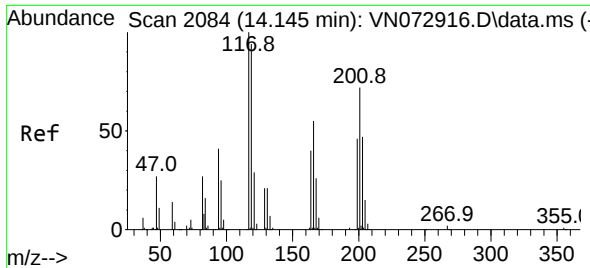


#89
n-Butylbenzene
Concen: 55.746 ug/l
RT: 13.880 min Scan# 2039
Delta R.T. 0.006 min
Lab File: VN072991.D
Acq: 21 Jun 2022 18:21



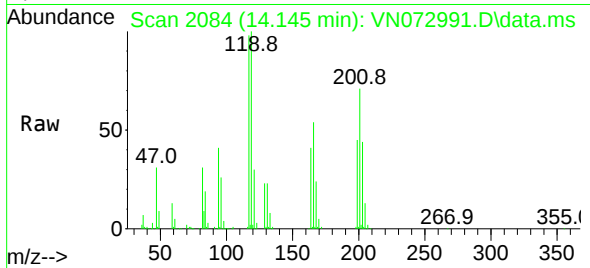
Tgt Ion: 91 Resp: 518326
Ion Ratio Lower Upper
91 100
92 54.7 26.9 80.7
134 25.8 13.6 40.8





#90
Hexachloroethane
Concen: 55.708 ug/l
RT: 14.145 min Scan# 2084
Delta R.T. 0.000 min
Lab File: VN072991.D
Acq: 21 Jun 2022 18:21

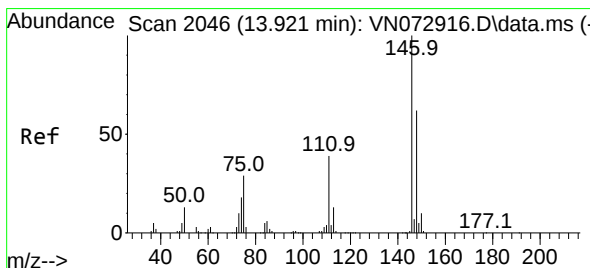
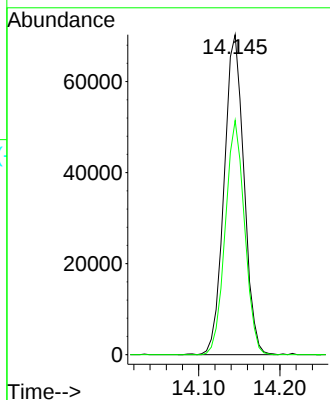
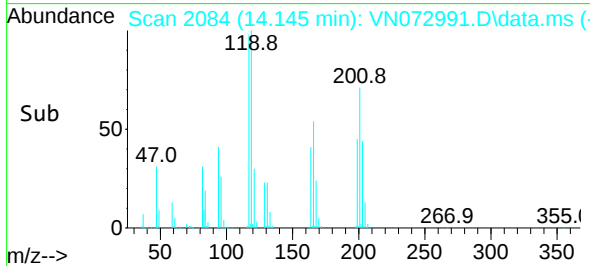
Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-07MSD



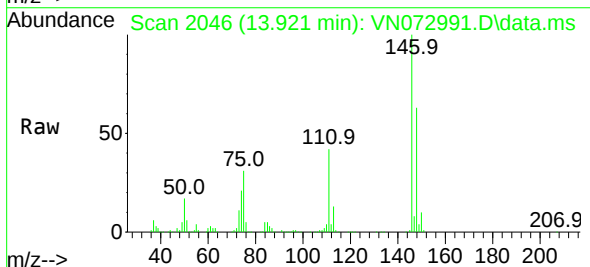
Tgt Ion:117 Resp: 11958
Ion Ratio Lower Upper
117 100
201 71.0 40.6 122.0

Manual Integrations
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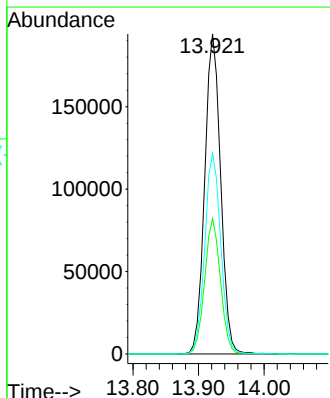
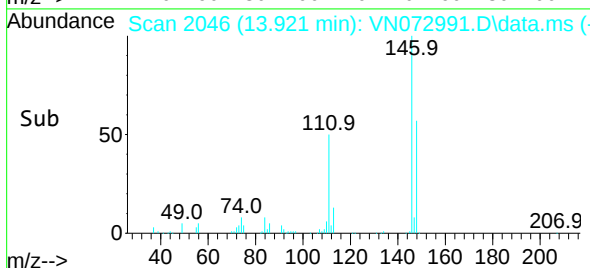
Reviewed By :John Carlone 06/22/2022
Supervised By :Mahesh Dadoda 06/23/2022

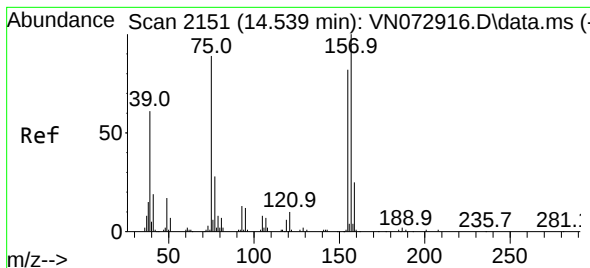


#91
1,2-Dichlorobenzene
Concen: 52.452 ug/l
RT: 13.921 min Scan# 2046
Delta R.T. 0.000 min
Lab File: VN072991.D
Acq: 21 Jun 2022 18:21



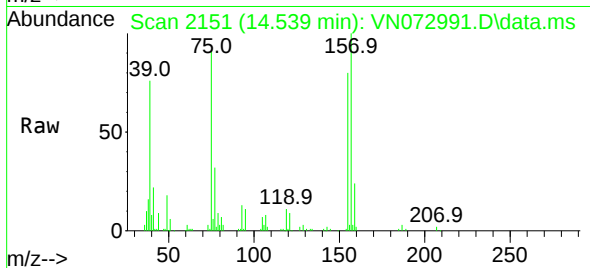
Tgt Ion:146 Resp: 327886
Ion Ratio Lower Upper
146 100
111 42.1 20.9 62.8
148 63.1 32.1 96.3





#92
1,2-Dibromo-3-Chloropropane
Concen: 51.044 ug/l
RT: 14.539 min Scan# 2151
Delta R.T. 0.000 min
Lab File: VN072991.D
Acq: 21 Jun 2022 18:21

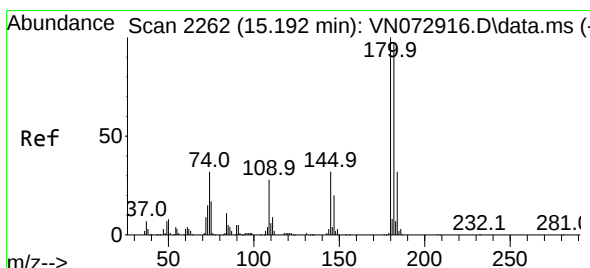
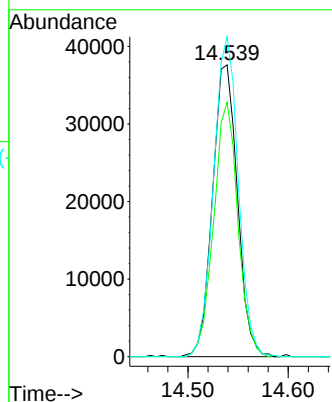
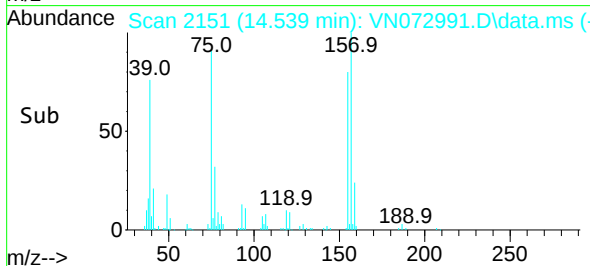
Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-07MSD



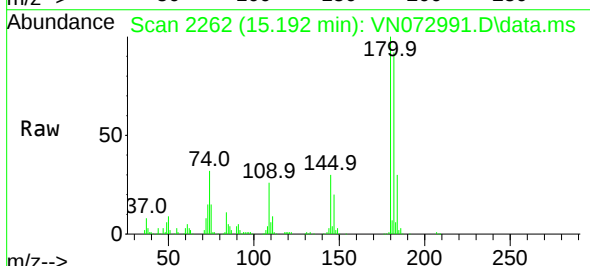
Tgt Ion: 75 Resp: 6496
Ion Ratio Lower Upper
75 100
155 84.6 44.9 134.5
157 109.0 59.0 176.8

Manual Integrations
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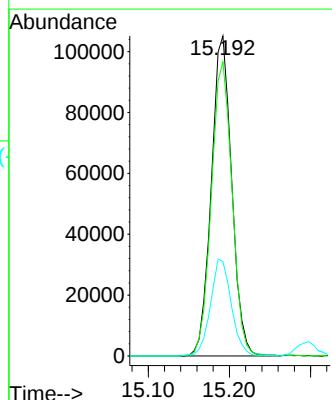
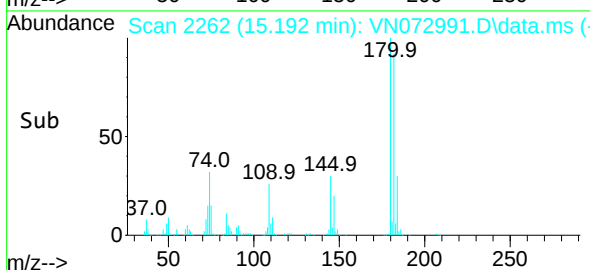
Reviewed By :John Carlone 06/22/2022
Supervised By :Mahesh Dadoda 06/23/2022

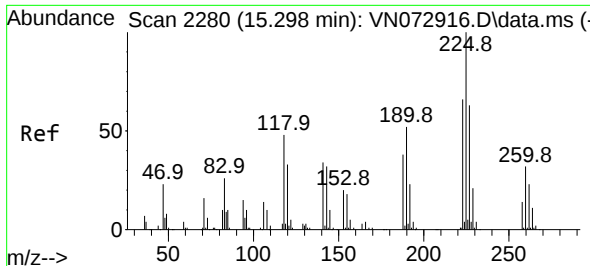


#93
1,2,4-Trichlorobenzene
Concen: 52.980 ug/l
RT: 15.192 min Scan# 2262
Delta R.T. 0.000 min
Lab File: VN072991.D
Acq: 21 Jun 2022 18:21



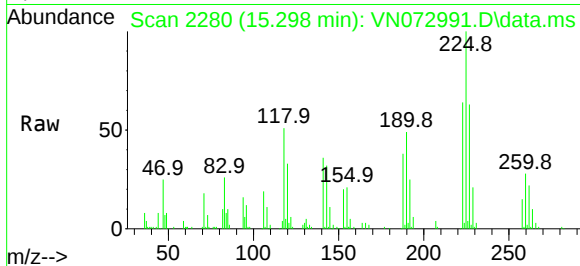
Tgt Ion:180 Resp: 183287
Ion Ratio Lower Upper
180 100
182 93.4 47.5 142.5
145 31.0 14.5 43.5





#94
Hexachlorobutadiene
Concen: 49.434 ug/l
RT: 15.298 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN072991.D
Acq: 21 Jun 2022 18:21

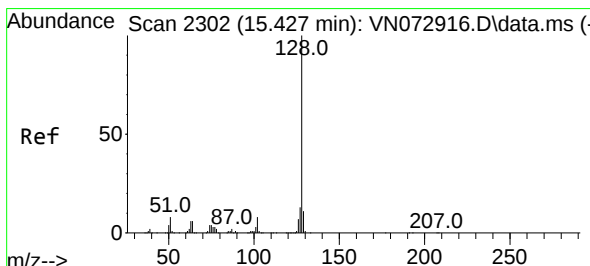
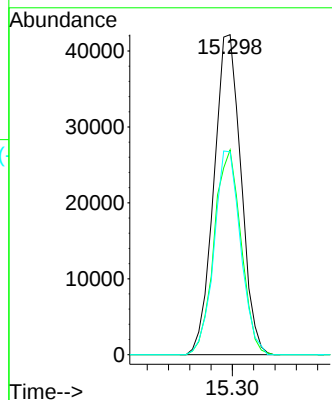
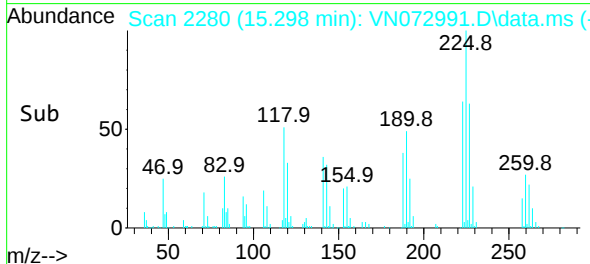
Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-07MSD



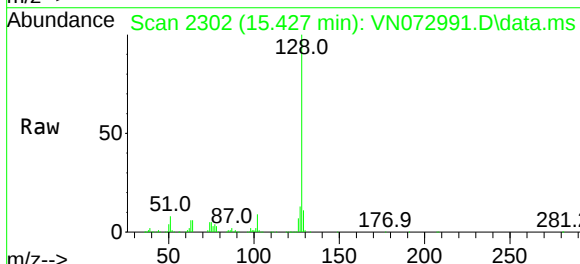
Tgt Ion:225 Resp: 7442
Ion Ratio Lower Upper
225 100
223 63.4 32.4 97.2
227 62.4 31.8 95.4

Manual Integrations
APPROVED

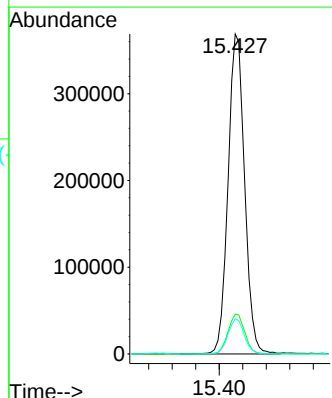
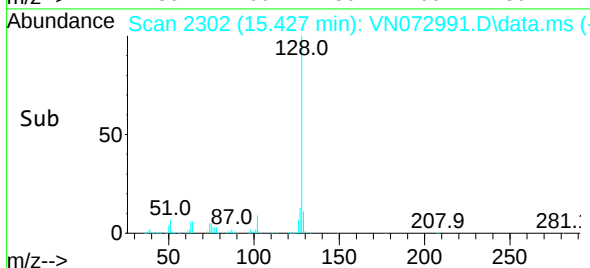
Reviewed By :John Carlone 06/22/2022
Supervised By :Mahesh Dadoda 06/23/2022

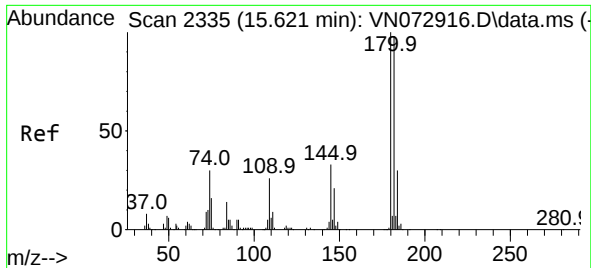


#95
Naphthalene
Concen: 51.458 ug/l
RT: 15.427 min Scan# 2302
Delta R.T. 0.000 min
Lab File: VN072991.D
Acq: 21 Jun 2022 18:21



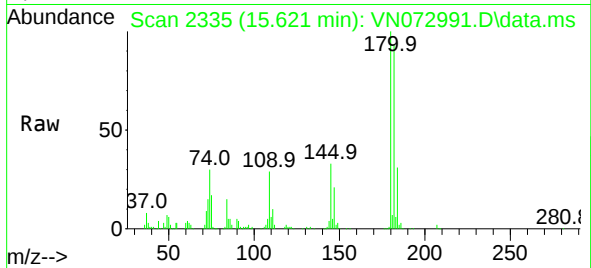
Tgt Ion:128 Resp: 720146
Ion Ratio Lower Upper
128 100
127 12.6 10.3 15.5
129 10.9 8.6 13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 50.938 ug/l
 RT: 15.621 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN072991.D
 Acq: 21 Jun 2022 18:21

Instrument :
 MSVOA_N
 ClientSampleId :
 TOLL-MW-07MSD



Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.6	47.8	143.3
145	32.9	15.5	46.5

Manual Integrations
 APPROVED

Reviewed By :John Carlone 06/22/2022
 Supervised By :Mahesh Dadoda 06/23/2022

