

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060822\
 Data File : VN072698.D
 Acq On : 08 Jun 2022 12:04
 Operator : JC\MD
 Sample : VN0608WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0608WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/09/2022
 Supervised By : Mahesh Dadoda 06/09/2022

Quant Time: Jun 09 03:22:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N060622W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Jun 06 14:10:15 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.651	128	33857	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.963	114	192324	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.739	117	176432	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.433	65	120666	31.250	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 104.167%			
60) 4-Bromofluorobenzene	12.727	95	99637	27.457	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 91.533%			
63) Toluene-d8	10.439	98	293816	30.062	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 100.200%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.069	85	43924	17.318	ug/l	97
3) Chloromethane	2.299	50	53226	19.299	ug/l	99
4) Vinyl Chloride	2.434	62	44421	17.862	ug/l	97
5) Bromomethane	2.846	94	27090	21.065	ug/l	82
6) Chloroethane	3.010	64	34116	20.575	ug/l	93
7) Trichlorofluoromethane	3.363	101	81103	18.040	ug/l	98
8) Diethyl Ether	3.828	74	36006	20.657	ug/l	87
9) 1,1,2-Trichlorotrifluo...	4.198	101	43504	18.369	ug/l	75
10) 1,1-Dichloroethene	4.175	96	39481	17.650	ug/l	92
11) Methyl Iodide	4.416	142	41862	18.692	ug/l	97
12) Methyl Acetate	4.851	43	100175	21.705	ug/l #	90
13) Acrolein	4.040	56	39107	96.800	ug/l	99
14) Acrylonitrile	5.545	53	204245	108.568	ug/l	98
15) Acetone	4.281	58	53809	105.640	ug/l	99
16) Carbon Disulfide	4.528	76	91539	16.233	ug/l	98
17) Allyl chloride	4.834	41	93103	19.266	ug/l	93
18) Methylene Chloride	5.087	84	59462	21.170	ug/l	91
19) trans-1,2-Dichloroethene	5.592	96	44040	18.193	ug/l	94
20) Diisopropyl ether	6.486	45	205609	21.484	ug/l	95
21) 1,1-Dichloroethane	6.381	63	106650	20.058	ug/l	97
22) cis-1,2-Dichloroethene	7.322	96	62124	20.488	ug/l	91
23) tert-Butyl Alcohol	5.357	59	93028	106.262	ug/l #	100
24) Methyl tert-Butyl Ether	5.610	73	211493	21.259	ug/l	97
25) Chloroform	7.816	83	111774	20.464	ug/l	95
26) Cyclohexane	8.092	56	80151	18.080	ug/l #	91
29) 1,1-Dichloropropene	8.216	75	69284	18.898	ug/l	95
30) 2-Butanone	7.328	43	301378	113.590	ug/l	94
31) 2,2-Dichloropropane	7.316	77	87040	17.540	ug/l	94
32) 1,1,1-Trichloroethane	8.010	97	92840	19.354	ug/l	96
33) Carbon Tetrachloride	8.204	117	75614	18.279	ug/l	98
34) Benzene	8.457	78	223923	20.645	ug/l	97
35) Methacrylonitrile	7.628	41	53416	20.532	ug/l	86
36) 1,2-Dichloroethane	8.528	62	98777	21.556	ug/l	100
37) Trichloroethene	9.216	130	51656	19.756	ug/l	97
38) Methylcyclohexane	9.457	83	78356	17.903	ug/l	90
39) 1,2-Dichloropropane	9.486	63	64200	21.546	ug/l	100
40) Dibromomethane	9.575	93	44682	21.844	ug/l	95
41) Bromodichloromethane	9.757	83	93424	21.351	ug/l #	93
42) Vinyl Acetate	6.428	43	959586	111.093	ug/l	98

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Quant Time: Jun 09 03:22:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N060622W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Jun 06 14:10:15 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.410	43	116805	22.978	ug/l	98
44) Isopropyl Acetate	8.557	43	187411	22.226	ug/l	97
45) 1,4-Dioxane	9.563	88	32117	463.489	ug/l #	87
46) Methyl methacrylate	9.557	41	80536	21.360	ug/l	91
47) n-amyl Acetate	12.386	43	127171	19.699	ug/l	96
48) t-1,3-Dichloropropene	10.716	75	100546	20.132	ug/l	99
49) cis-1,3-Dichloropropene	10.186	75	103551	20.419	ug/l	97
50) 1,1,2-Trichloroethane	10.892	97	65204	22.547	ug/l	98
51) Ethyl methacrylate	10.757	69	111579	21.300	ug/l	94
52) 1,3-Dichloropropane	11.039	76	112240	21.809	ug/l	100
53) Dibromochloromethane	11.233	129	68677	21.524	ug/l	99
54) 1,2-Dibromoethane	11.345	107	64912	21.347	ug/l	97
55) 2-Chloroethyl vinyl ether	10.039	63	219695	107.083	ug/l	97
56) Bromoform	12.457	173	44809	20.155	ug/l #	100
58) 4-Methyl-2-Pentanone	10.327	43	603838	114.108	ug/l	98
59) 2-Hexanone	11.080	43	449511	112.042	ug/l	98
61) Tetrachloroethene	10.974	164	43687	20.009	ug/l	96
62) Toluene	10.504	91	244473	20.436	ug/l	98
64) Chlorobenzene	11.768	112	145898	20.031	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.839	131	60372	21.024	ug/l	99
66) Ethyl Benzene	11.839	91	269388	19.614	ug/l	100
67) m/p-Xylenes	11.951	106	191934	38.313	ug/l	93
68) o-Xylene	12.280	106	99095	19.390	ug/l	91
69) Styrene	12.292	104	155531	19.171	ug/l	95
70) Isopropylbenzene	12.574	105	254277	19.041	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.821	83	96972	21.452	ug/l	99
72) 1,2,3-Trichloropropane	12.880	75	83343m	21.126	ug/l	
73) Bromobenzene	12.857	156	51772	19.071	ug/l	69
74) n-propylbenzene	12.915	91	277766	18.177	ug/l	97
75) 2-Chlorotoluene	13.004	91	180955	19.104	ug/l	94
76) 1,3,5-Trimethylbenzene	13.057	105	205301	18.730	ug/l	100
77) t-1,4-Dichloro-2-butene	12.621	75	30839	18.547	ug/l	94
78) 4-Chlorotoluene	13.104	91	159573	17.833	ug/l	94
79) tert-butylbenzene	13.321	119	177997	18.190	ug/l	95
80) 1,2,4-Trimethylbenzene	13.498	105	243315	18.410	ug/l	100
81) sec-Butylbenzene	13.498	105	243315	18.410	ug/l	98
82) p-Isopropyltoluene	13.610	119	188663	17.882	ug/l	97
83) 1,3-Dichlorobenzene	13.610	146	89371	18.805	ug/l	98
84) 1,4-Dichlorobenzene	13.692	146	84305	18.270	ug/l	97
85) n-Butylbenzene	13.939	91	154559	17.278	ug/l	97
86) Hexachloroethane	14.210	117	41794	17.902	ug/l	91
87) 1,2-Dichlorobenzene	13.986	146	90611	19.265	ug/l	97
88) 1,2-Dibromo-3-Chloropr...	14.604	75	23208	20.476	ug/l	85
89) 1,2,4-Trichlorobenzene	15.262	180	41172	17.371	ug/l	98
90) Hexachlorobutadiene	15.362	225	19317	18.166	ug/l	98
91) Naphthalene	15.504	128	166110	17.564	ug/l	99
92) 1,2,3-Trichlorobenzene	15.698	180	43353	17.980	ug/l	98

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

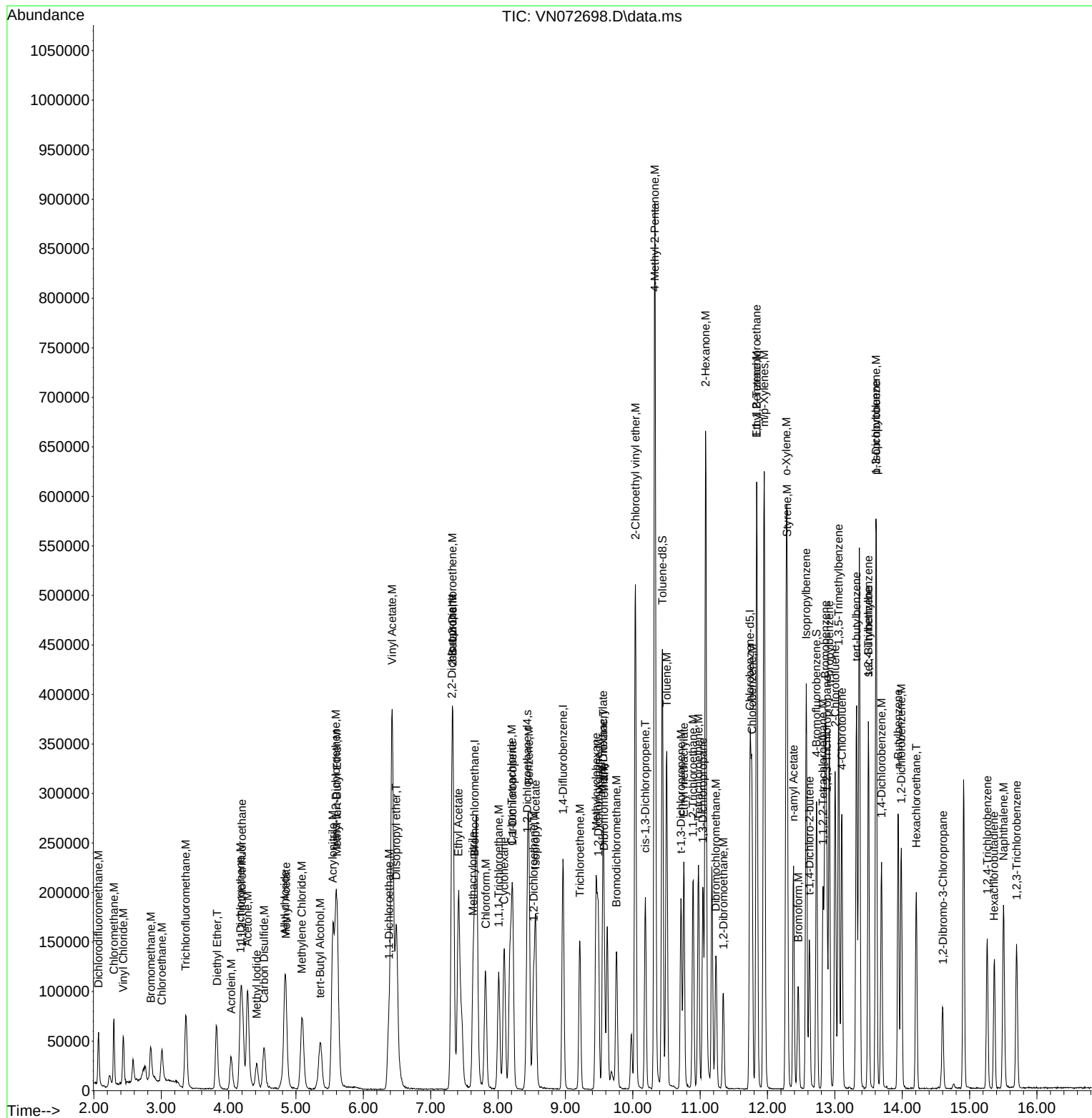
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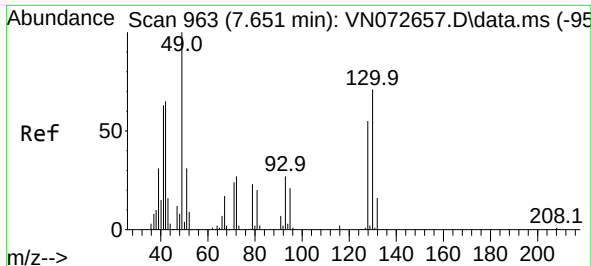
Instrument :
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 ClientSampleId :
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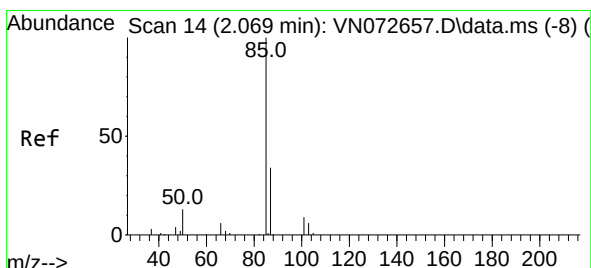
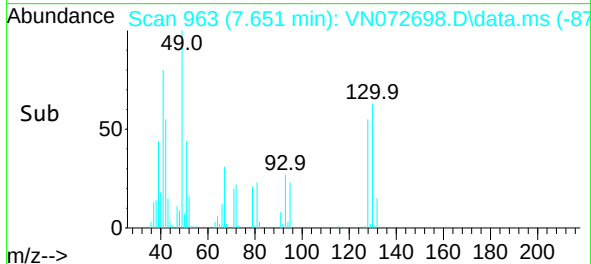
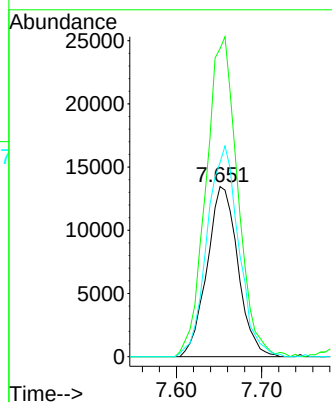
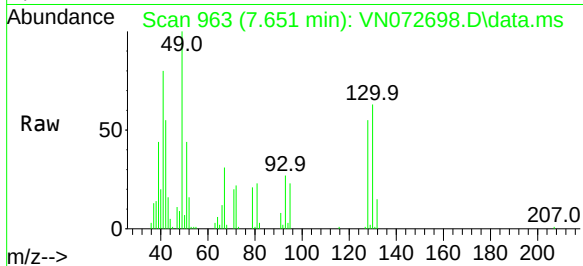
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Bromochloromethane
Concen: 30.000 ug/l
RT: 7.651 min Scan# 90
Delta R.T. 0.000 min
Lab File: VN072698.D
Acq: 08 Jun 2022 12:04

Instrument :
MSVOA_N
ClientSampleId :
VN0608WBS01

Tgt Ion: 128 Resp: 3385
Ion Ratio Lower Upper
128 100
49 192.0 0.0 392.3
130 127.1 0.0 320.2

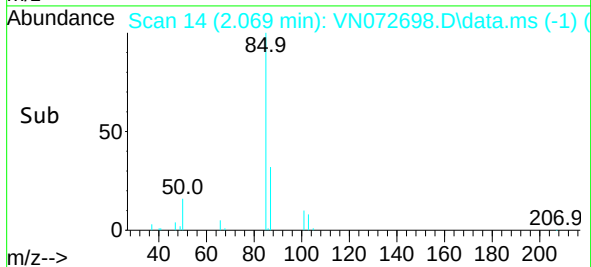
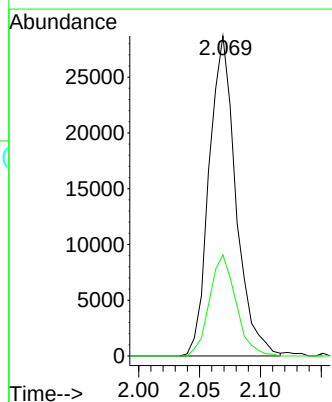
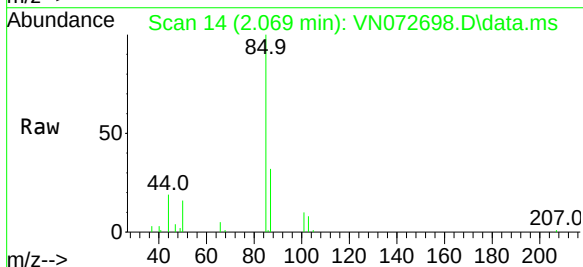
Manual Integrations
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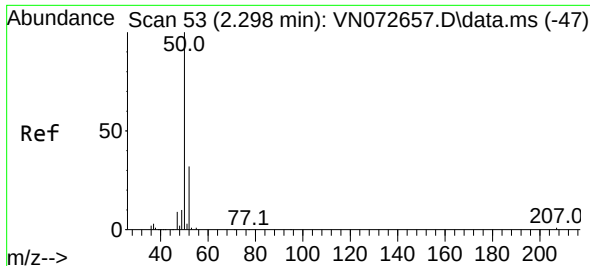
Reviewed By : John Carlone 06/09/2022
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#2
Dichlorodifluoromethane
Concen: 17.318 ug/l
RT: 2.069 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN072698.D
Acq: 08 Jun 2022 12:04

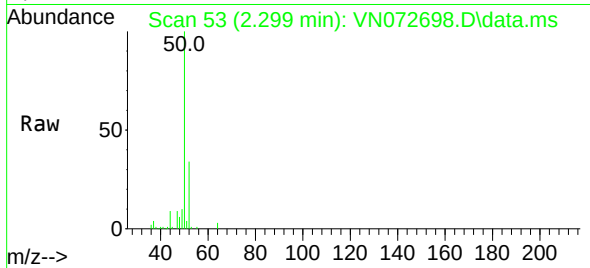
Tgt Ion: 85 Resp: 43924
Ion Ratio Lower Upper
85 100
87 31.6 16.6 49.7





#3
Chloromethane
Concen: 19.299 ug/l
RT: 2.299 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN072698.D
Acq: 08 Jun 2022 12:04

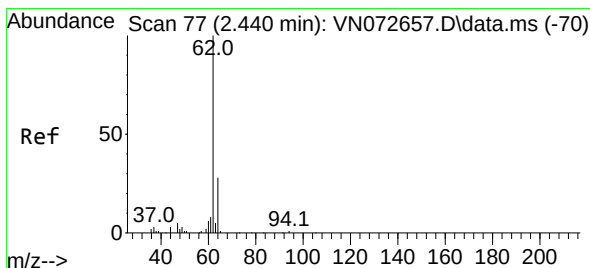
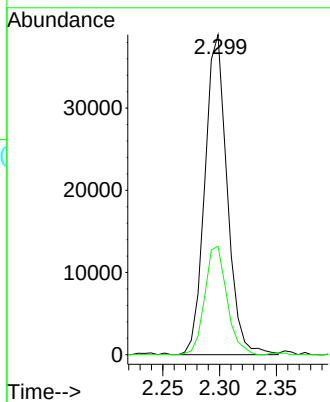
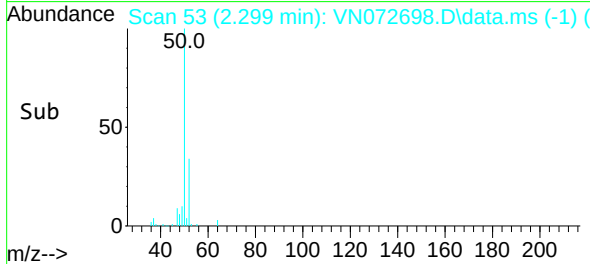
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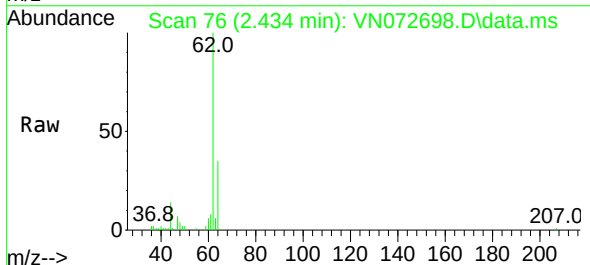
Tgt Ion: 50 Resp: 53220
Ion Ratio Lower Upper
50 100
52 33.9 27.8 41.6

Manual Integrations
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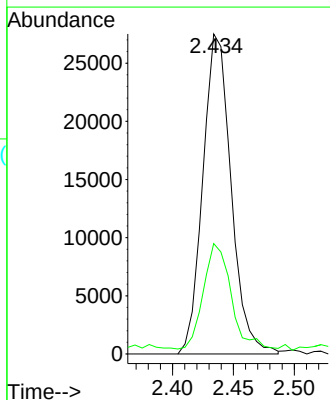
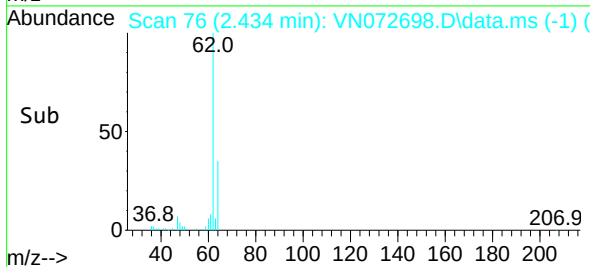
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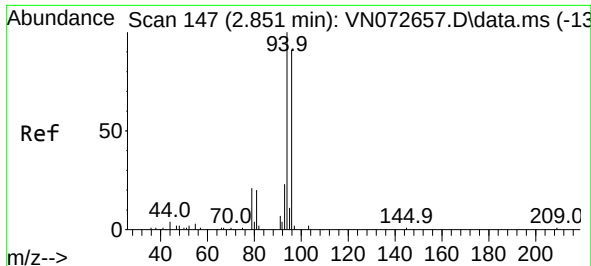


#4
Vinyl Chloride
Concen: 17.862 ug/l
RT: 2.434 min Scan# 76
Delta R.T. -0.006 min
Lab File: VN072698.D
Acq: 08 Jun 2022 12:04



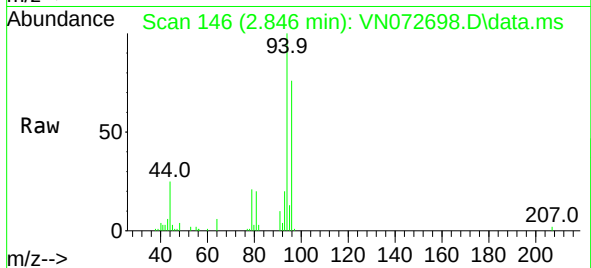
Tgt Ion: 62 Resp: 44421
Ion Ratio Lower Upper
62 100
64 33.0 25.1 37.7





#5
Bromomethane
Concen: 21.065 ug/l
RT: 2.846 min Scan# 147
Delta R.T. -0.006 min
Lab File: VN072698.D
Acq: 08 Jun 2022 12:04

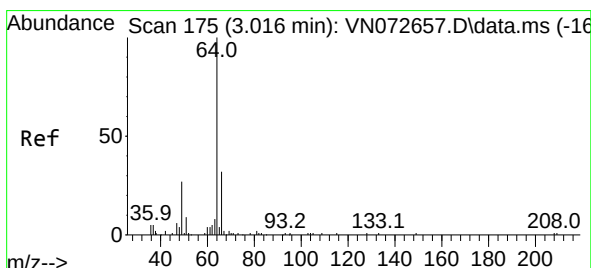
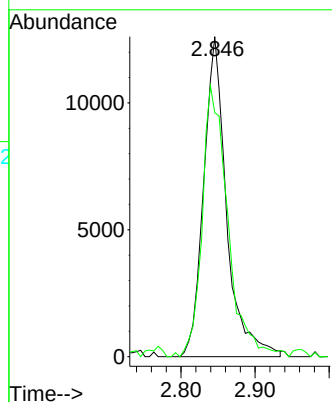
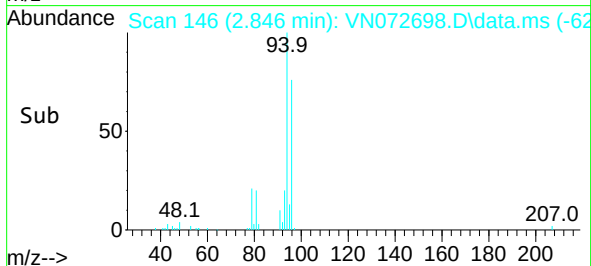
Instrument :
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Tgt Ion: 94 Resp: 27090
Ion Ratio Lower Upper
94 100
96 76.3 75.2 112.8

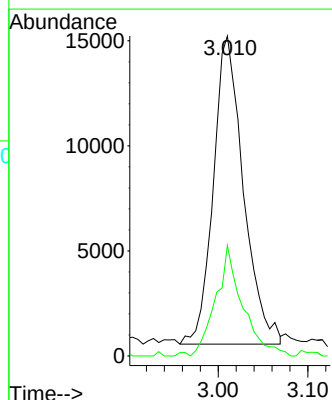
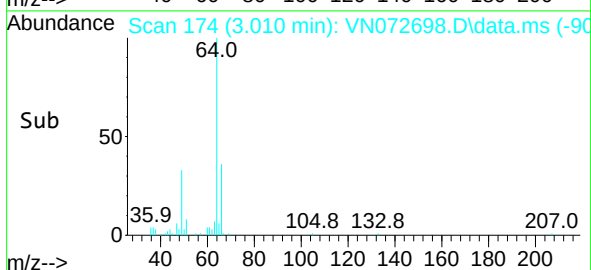
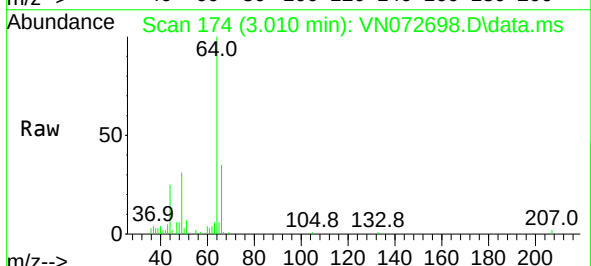
Manual Integrations
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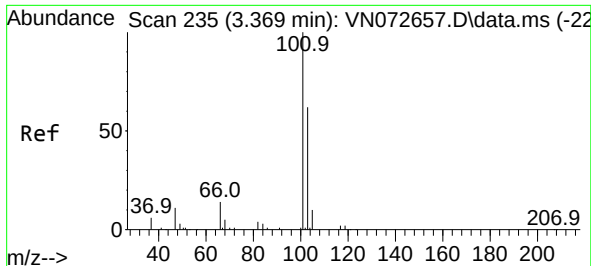
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#6
Chloroethane
Concen: 20.575 ug/l
RT: 3.010 min Scan# 174
Delta R.T. -0.006 min
Lab File: VN072698.D
Acq: 08 Jun 2022 12:04

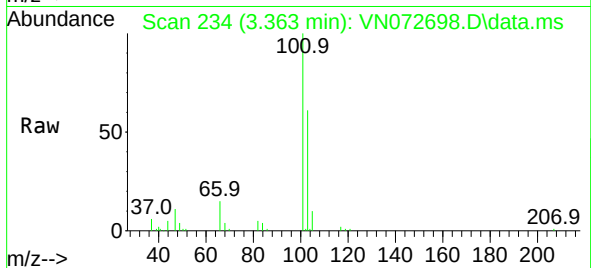
Tgt Ion: 64 Resp: 34116
Ion Ratio Lower Upper
64 100
66 34.8 24.6 36.8





#7
 Trichlorofluoromethane
 Concen: 18.040 ug/l
 RT: 3.363 min Scan# 211
 Delta R.T. -0.006 min
 Lab File: VN072698.D
 Acq: 08 Jun 2022 12:04

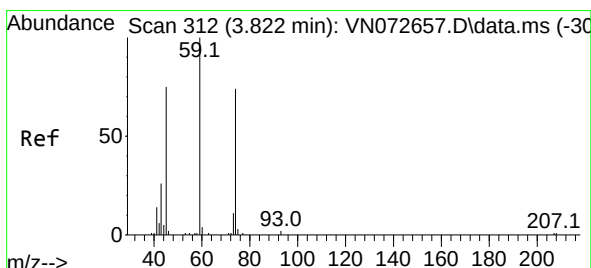
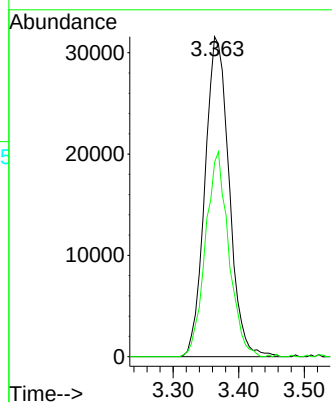
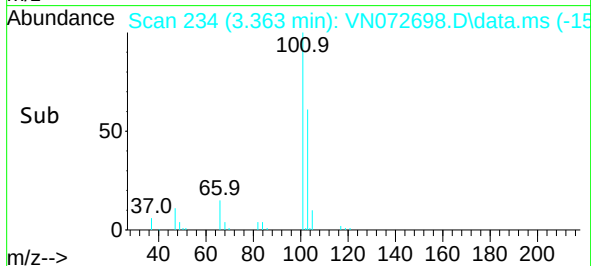
Instrument :
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Tgt Ion:101 Resp: 8110
 Ion Ratio Lower Upper
 101 100
 103 60.7 50.1 75.1

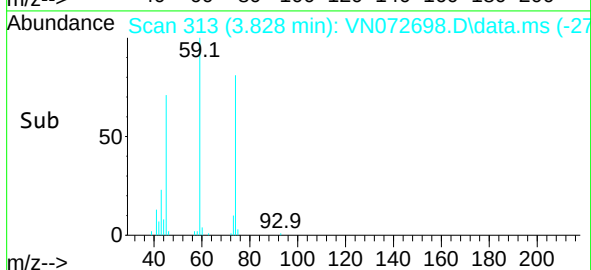
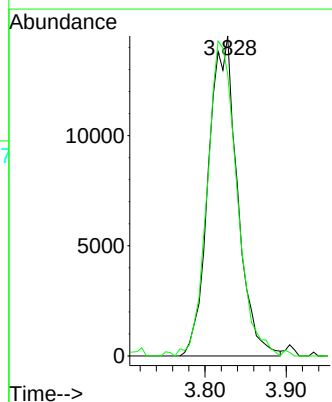
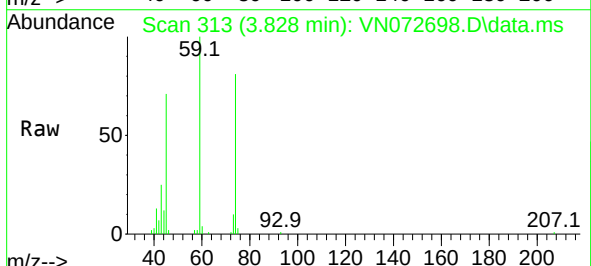
Manual Integrations
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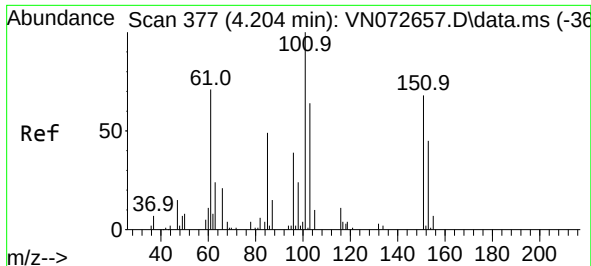
Reviewed By :John Carlone 06/09/2022
 Supervised By :Mahesh Dadoda 06/09/2022



#8
 Diethyl Ether
 Concen: 20.657 ug/l
 RT: 3.828 min Scan# 313
 Delta R.T. 0.006 min
 Lab File: VN072698.D
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Tgt Ion: 74 Resp: 36006
 Ion Ratio Lower Upper
 74 100
 45 99.9 17.6 158.8





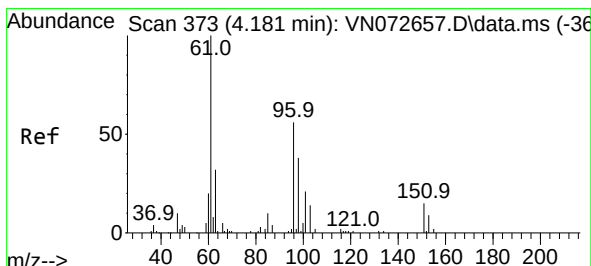
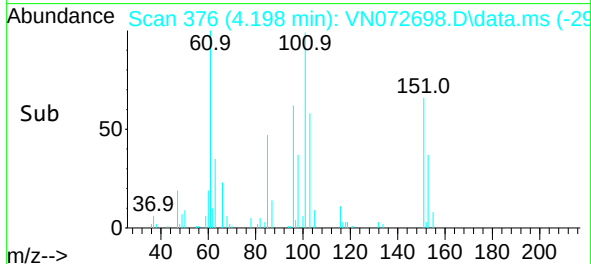
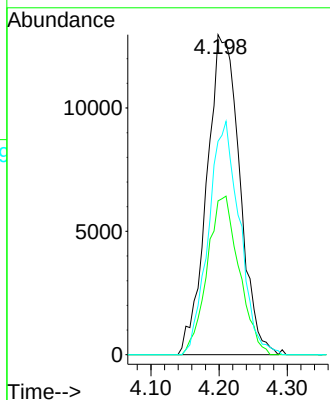
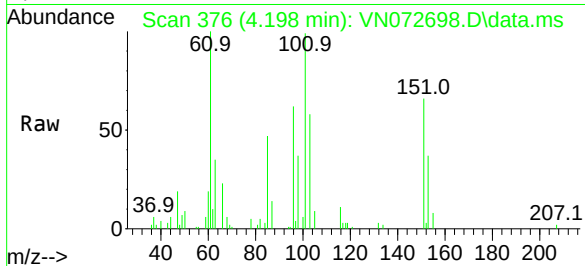
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1,1,2-Trichlorotrifluoroethane
Concen: 18.369 ug/l
RT: 4.198 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN072698.D
Acq: 08 Jun 2022 12:04

Instrument :
MSVOA_N
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Tgt Ion:101 Resp: 43504
Ion Ratio Lower Upper
101 100
85 48.1 0.0 94.0
151 69.1 0.0 74.6

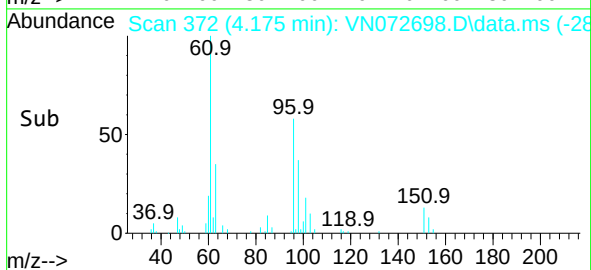
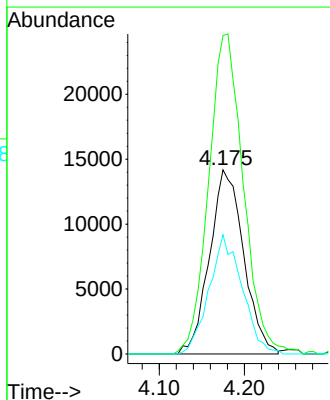
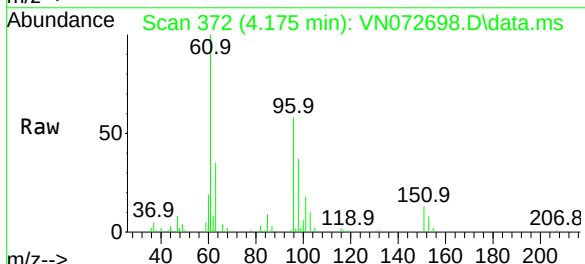
Manual Integrations
APPROVED

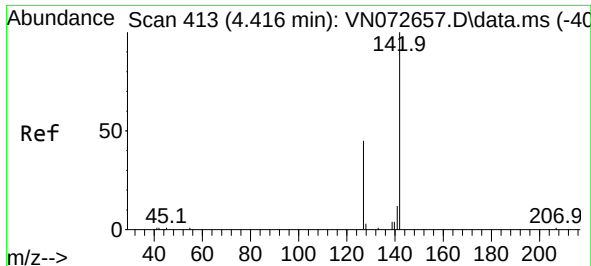
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#10
1,1-Dichloroethene
Concen: 17.650 ug/l
RT: 4.175 min Scan# 372
Delta R.T. -0.006 min
Lab File: VN072698.D
Acq: 08 Jun 2022 12:04

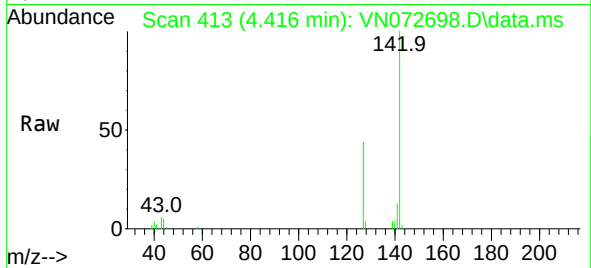
Tgt Ion: 96 Resp: 39481
Ion Ratio Lower Upper
96 100
61 171.4 126.2 189.4
98 64.7 50.9 76.3





#11
Methyl Iodide
Concen: 18.692 ug/l
RT: 4.416 min Scan# 413
Delta R.T. 0.000 min
Lab File: VN072698.D
Acq: 08 Jun 2022 12:04

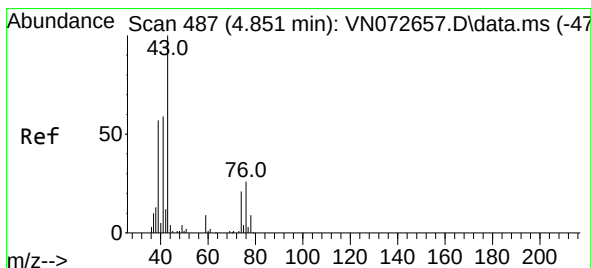
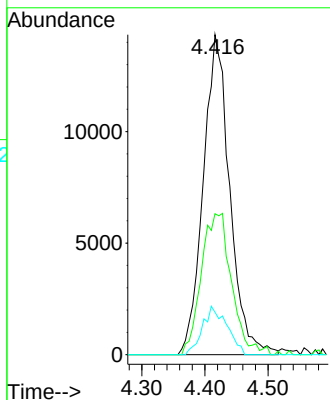
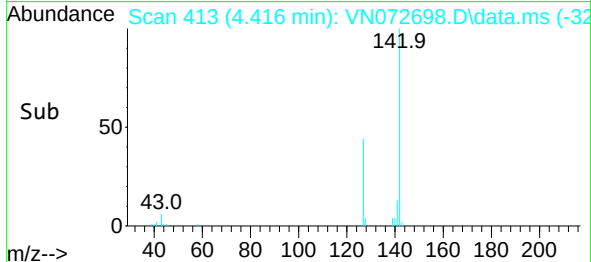
Instrument :
MSVOA_N
ClientSampleId :
VN0608WBS01



Tgt Ion:142 Resp: 41862
Ion Ratio Lower Upper
142 100
127 47.9 24.0 72.0
141 12.7 8.4 25.2

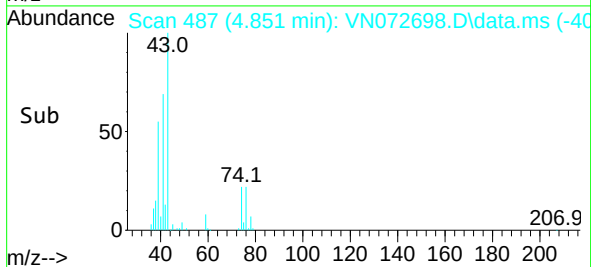
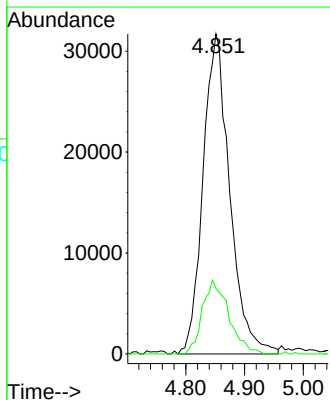
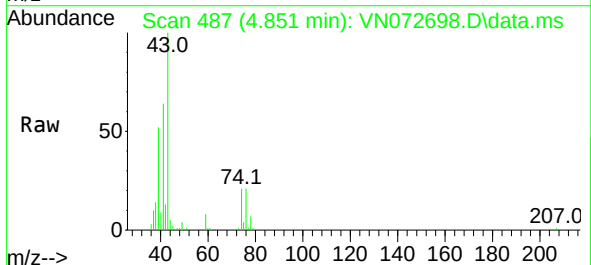
Manual Integrations
APPROVED

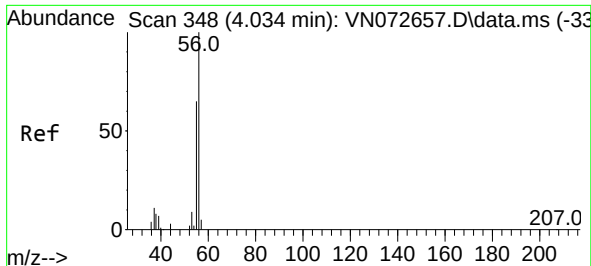
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#12
Methyl Acetate
Concen: 21.705 ug/l
RT: 4.851 min Scan# 487
Delta R.T. 0.000 min
Lab File: VN072698.D
Acq: 08 Jun 2022 12:04

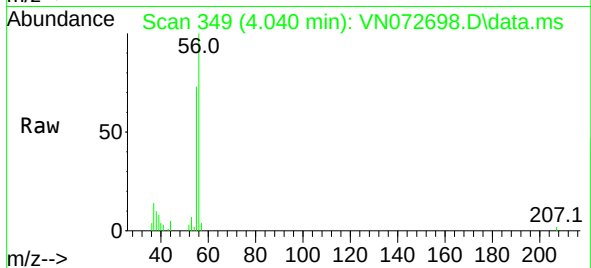
Tgt Ion: 43 Resp: 100175
Ion Ratio Lower Upper
43 100
74 20.7 20.8 31.2#





#13
Acrolein
Concen: 96.800 ug/l
RT: 4.040 min Scan# 348
Delta R.T. 0.006 min
Lab File: VN072698.D
Acq: 08 Jun 2022 12:04

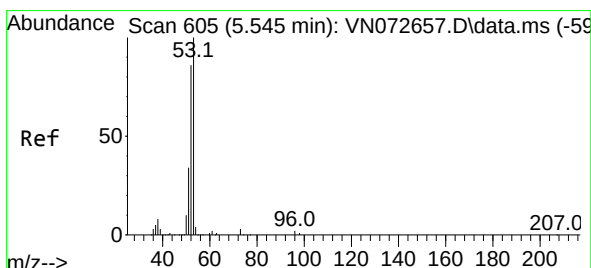
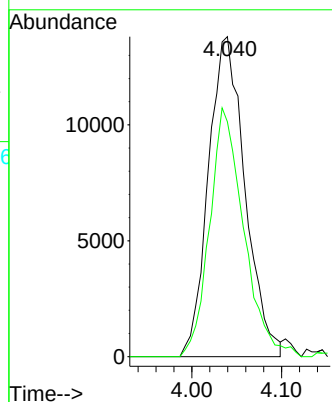
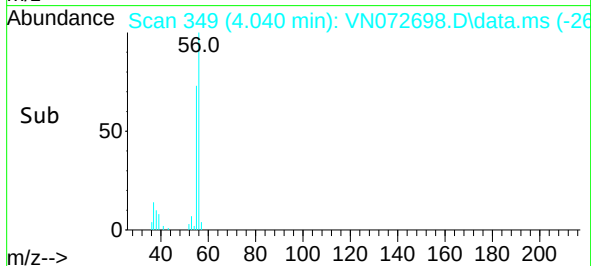
Instrument :
MSVOA_N
ClientSampleId :
VN0608WBS01



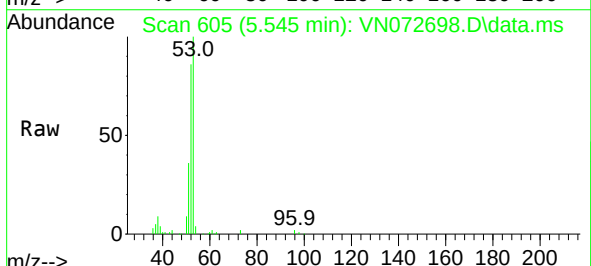
Tgt Ion: 56 Resp: 3910
Ion Ratio Lower Upper
56 100
55 72.5 57.6 86.4

Manual Integrations
APPROVED

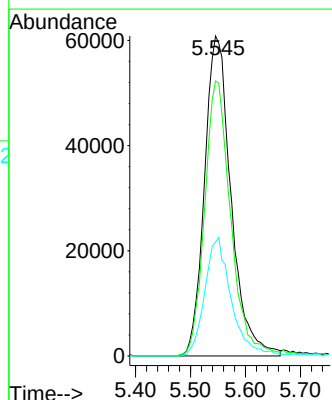
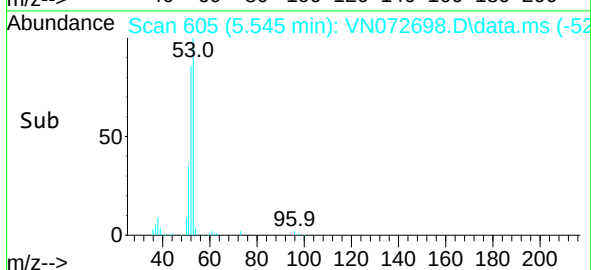
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022

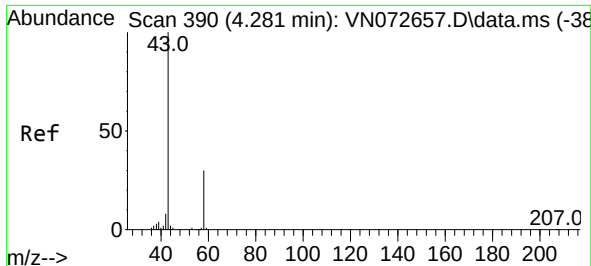


#14
Acrylonitrile
Concen: 108.568 ug/l
RT: 5.545 min Scan# 605
Delta R.T. 0.000 min
Lab File: VN072698.D
Acq: 08 Jun 2022 12:04



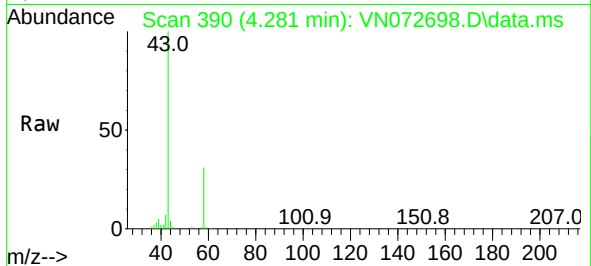
Tgt Ion: 53 Resp: 204245
Ion Ratio Lower Upper
53 100
52 82.5 41.8 125.4
51 36.3 19.0 57.0





#15
Acetone
Concen: 105.640 ug/l
RT: 4.281 min Scan# 390
Delta R.T. 0.000 min
Lab File: VN072698.D
Acq: 08 Jun 2022 12:04

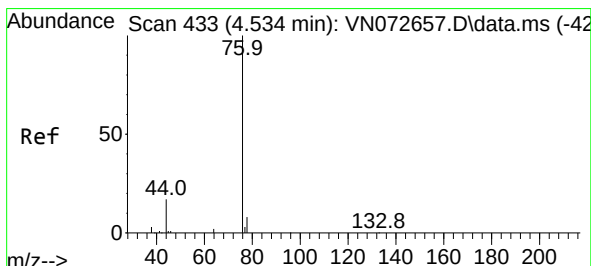
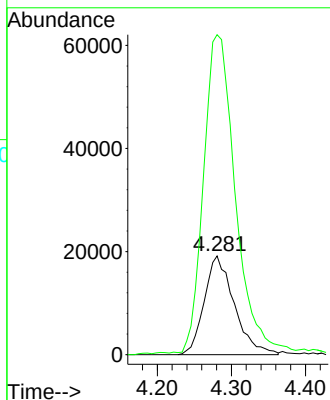
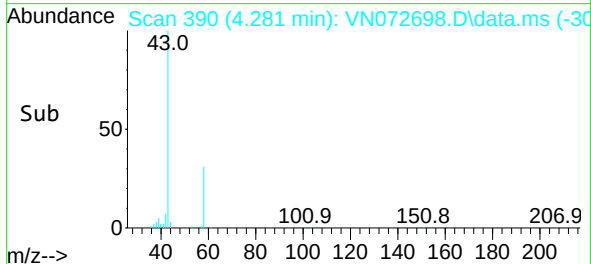
Instrument :
MSVOA_N
ClientSampleId :
VN0608WBS01



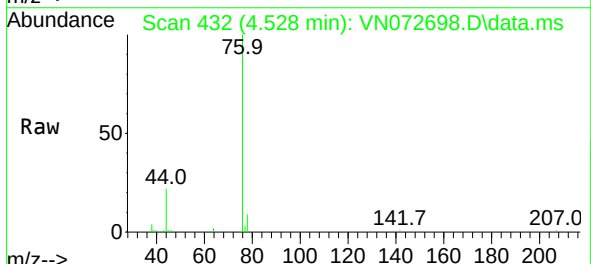
Tgt Ion: 58 Resp: 53809
Ion Ratio Lower Upper
58 100
43 322.1 256.6 384.8

Manual Integrations
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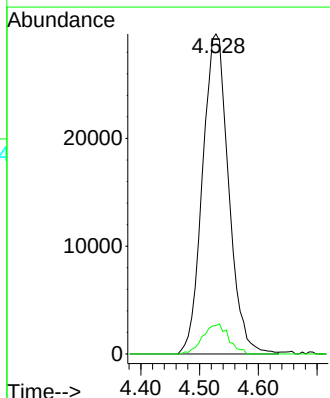
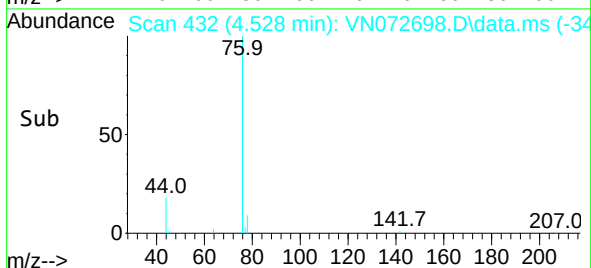
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022

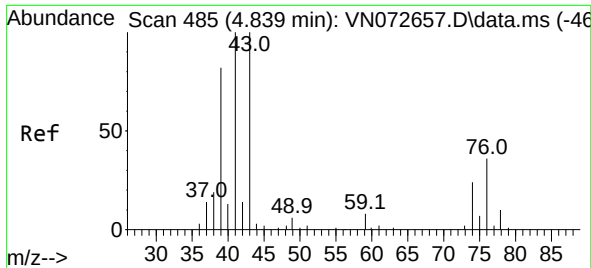


#16
Carbon Disulfide
Concen: 16.233 ug/l
RT: 4.528 min Scan# 432
Delta R.T. -0.006 min
Lab File: VN072698.D
Acq: 08 Jun 2022 12:04



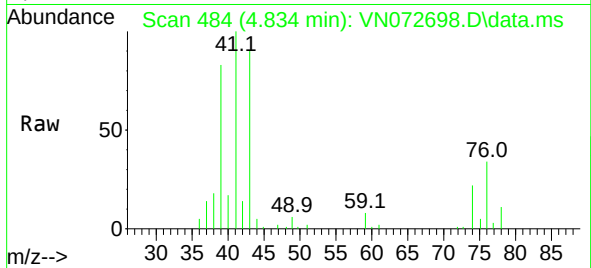
Tgt Ion: 76 Resp: 91539
Ion Ratio Lower Upper
76 100
78 8.9 7.8 11.8





#17
 Allyl chloride
 Concen: 19.266 ug/l
 RT: 4.834 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VN072698.D
 Acq: 08 Jun 2022 12:04

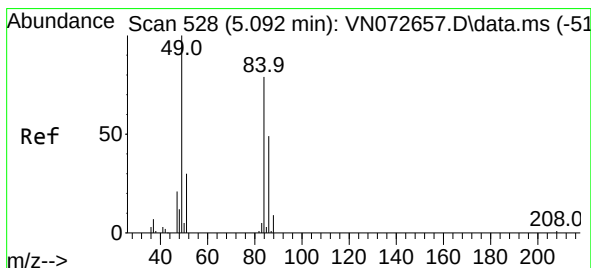
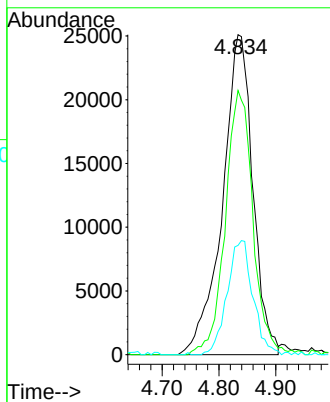
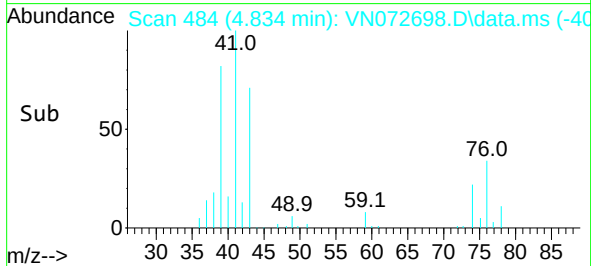
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0608WBS01



Tgt Ion: 41 Resp: 9310
 Ion Ratio Lower Upper
 41 100
 39 82.5 44.6 134.0
 76 34.2 19.6 58.7

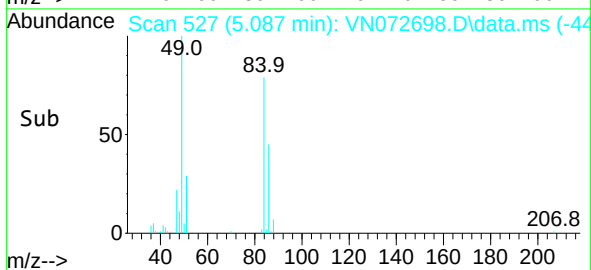
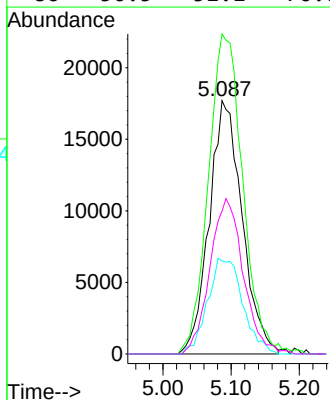
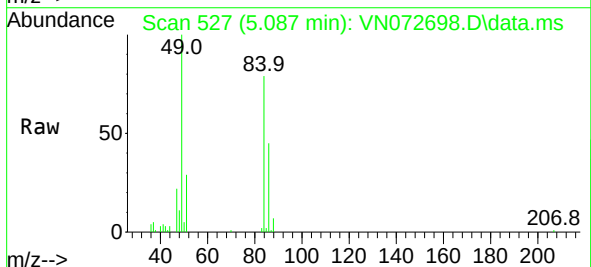
Manual Integrations
 APPROVED

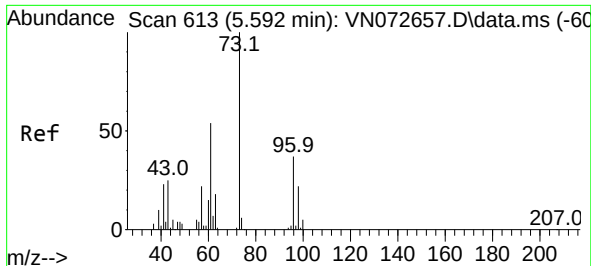
Reviewed By :John Carlone 06/09/2022
 Supervised By :Mahesh Dadoda 06/09/2022



#18
 Methylene Chloride
 Concen: 21.170 ug/l
 RT: 5.087 min Scan# 527
 Delta R.T. -0.006 min
 Lab File: VN072698.D
 Acq: 08 Jun 2022 12:04

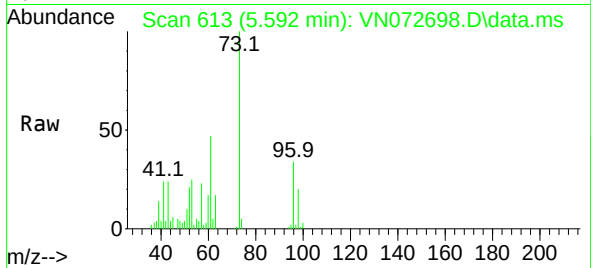
Tgt Ion: 84 Resp: 59462
 Ion Ratio Lower Upper
 84 100
 49 126.4 91.4 137.0
 51 36.7 29.4 44.0
 86 56.5 51.1 76.7





#19
trans-1,2-Dichloroethene
Concen: 18.193 ug/l
RT: 5.592 min Scan# 613
Delta R.T. 0.000 min
Lab File: VN072698.D
Acq: 08 Jun 2022 12:04

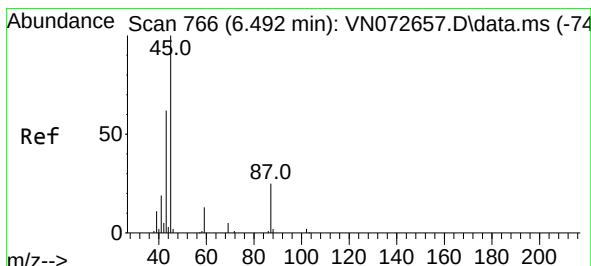
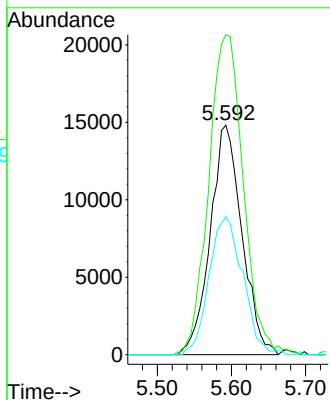
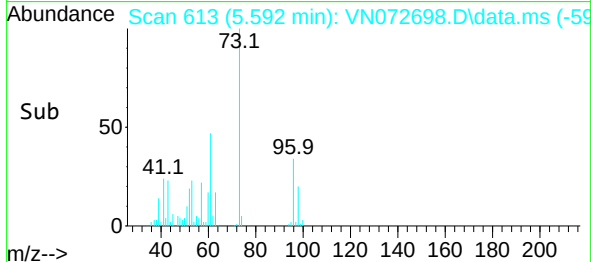
Instrument :
MSVOA_N
ClientSampleId :
VN0608WBS01



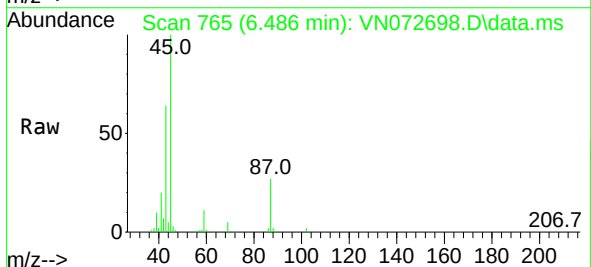
Tgt Ion: 96 Resp: 44040
Ion Ratio Lower Upper
96 100
61 138.3 102.8 154.2
98 60.1 49.3 73.9

Manual Integrations
APPROVED

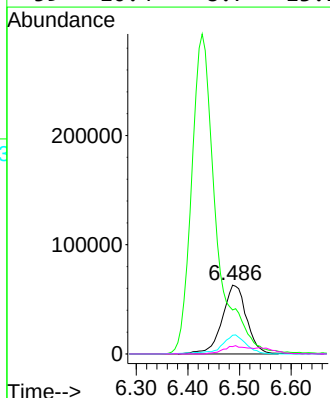
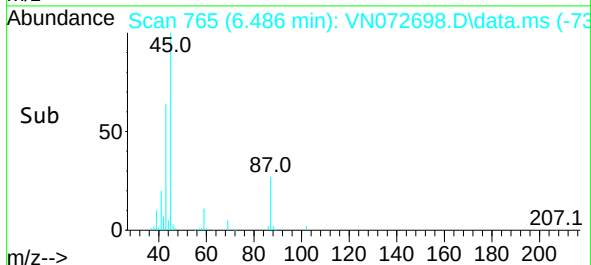
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022

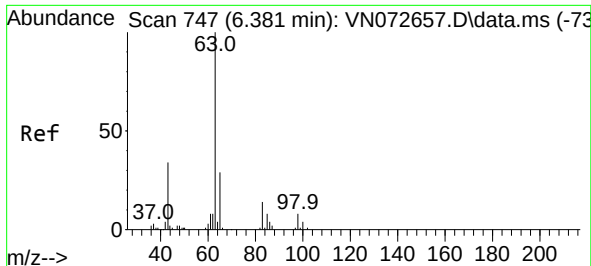


#20
Diisopropyl ether
Concen: 21.484 ug/l
RT: 6.486 min Scan# 765
Delta R.T. -0.006 min
Lab File: VN072698.D
Acq: 08 Jun 2022 12:04



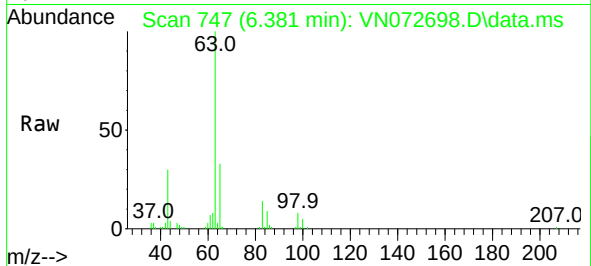
Tgt Ion: 45 Resp: 205609
Ion Ratio Lower Upper
45 100
43 59.8 51.0 76.4
87 26.8 25.0 37.4
59 10.4 8.7 13.1





#21
1,1-Dichloroethane
Concen: 20.058 ug/l
RT: 6.381 min Scan# 747
Delta R.T. 0.000 min
Lab File: VN072698.D
Acq: 08 Jun 2022 12:04

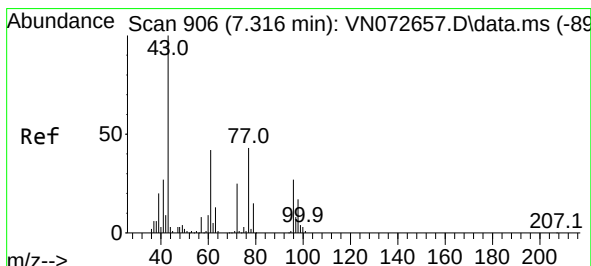
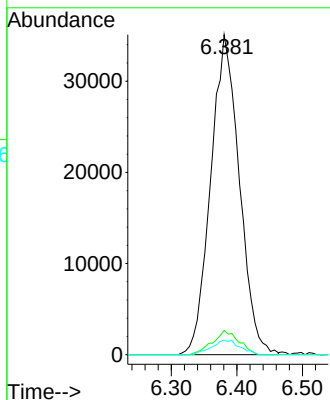
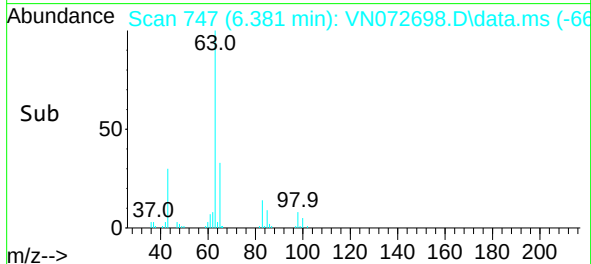
Instrument :
MSVOA_N
ClientSampleId :
VN0608WBS01



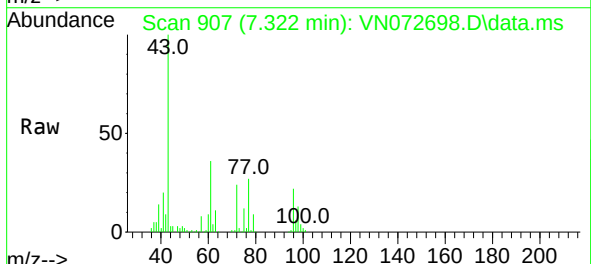
Tgt Ion: 63 Resp: 106650
Ion Ratio Lower Upper
63 100
98 7.6 3.2 9.6
100 4.6 2.1 6.2

Manual Integrations
APPROVED

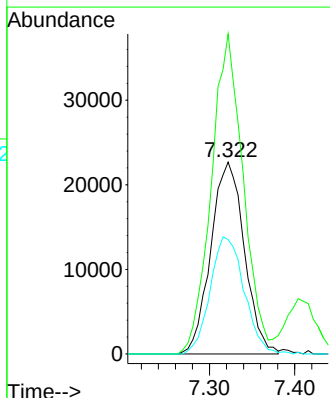
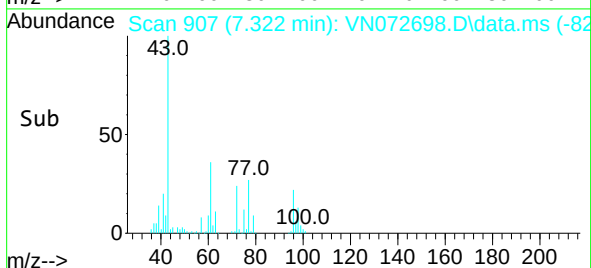
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022

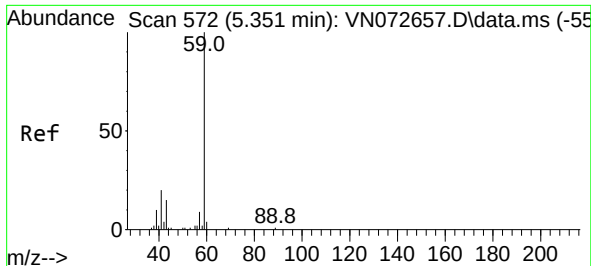


#22
cis-1,2-Dichloroethene
Concen: 20.488 ug/l
RT: 7.322 min Scan# 907
Delta R.T. 0.006 min
Lab File: VN072698.D
Acq: 08 Jun 2022 12:04



Tgt Ion: 96 Resp: 62124
Ion Ratio Lower Upper
96 100
61 157.9 115.7 173.5
98 61.4 51.6 77.4





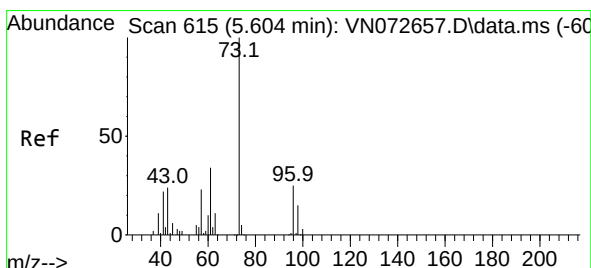
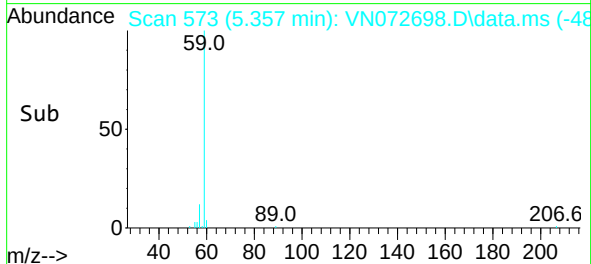
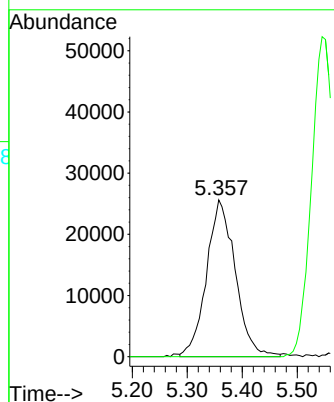
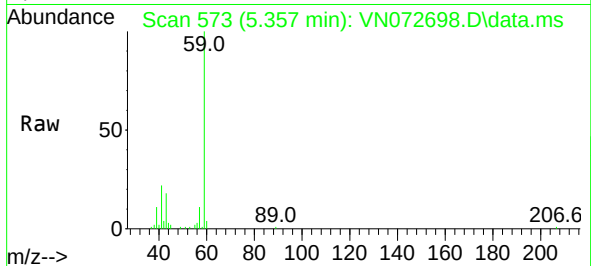
#23
tert-Butyl Alcohol
Concen: 106.262 ug/l
RT: 5.357 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN072698.D
Acq: 08 Jun 2022 12:04

Instrument :
MSVOA_N
ClientSampleId :
VN0608WBS01

Tgt Ion: 59 Resp: 93028
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

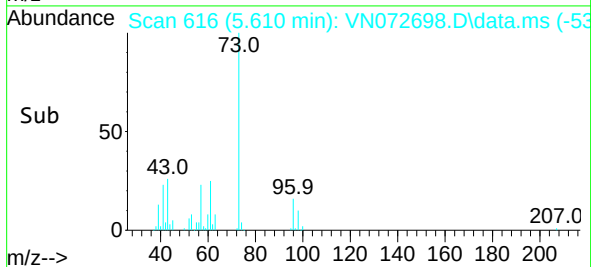
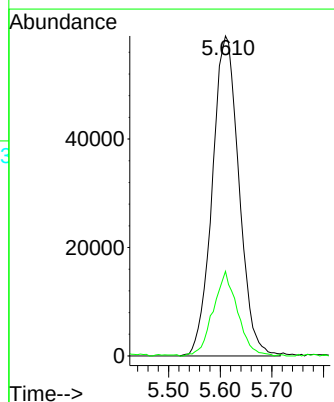
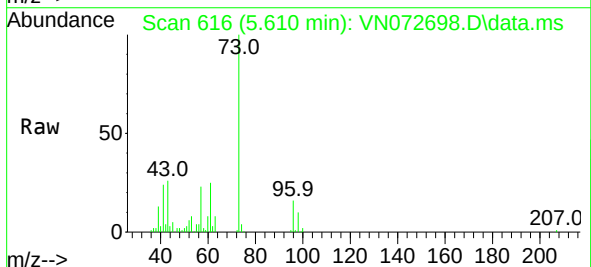
Manual Integrations
APPROVED

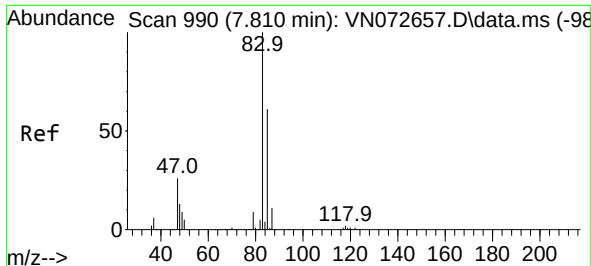
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#24
Methyl tert-Butyl Ether
Concen: 21.259 ug/l
RT: 5.610 min Scan# 616
Delta R.T. 0.006 min
Lab File: VN072698.D
Acq: 08 Jun 2022 12:04

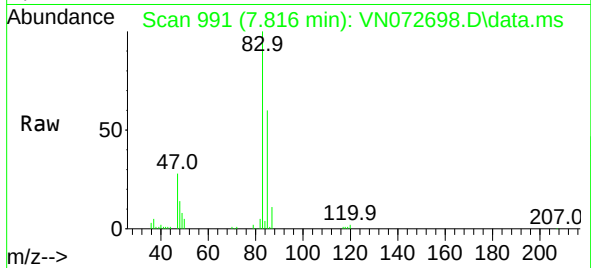
Tgt Ion: 73 Resp: 211493
Ion Ratio Lower Upper
73 100
43 24.2 18.1 27.1





#25
Chloroform
Concen: 20.464 ug/l
RT: 7.816 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN072698.D
Acq: 08 Jun 2022 12:04

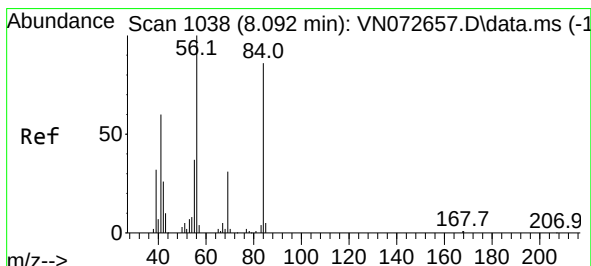
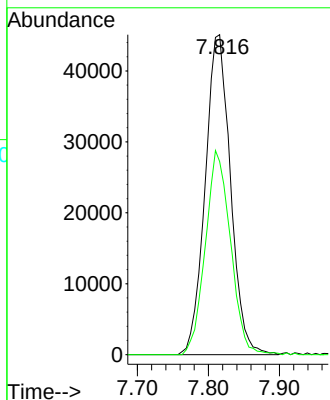
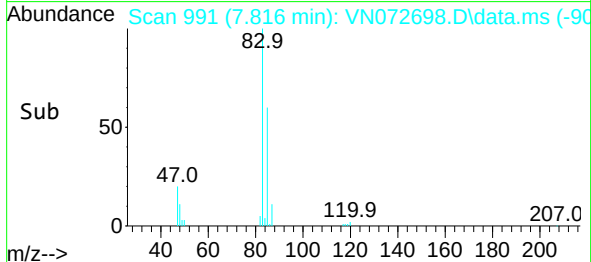
Instrument :
MSVOA_N
ClientSampleId :
VN0608WBS01



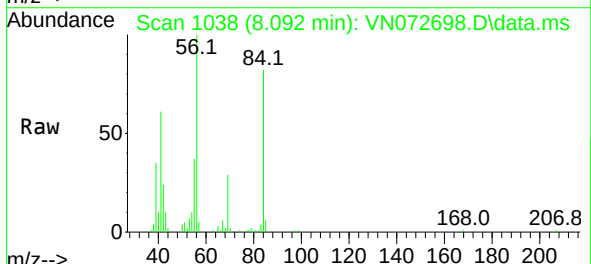
Tgt Ion: 83 Resp: 111774
Ion Ratio Lower Upper
83 100
85 60.4 51.3 76.9

Manual Integrations
APPROVED

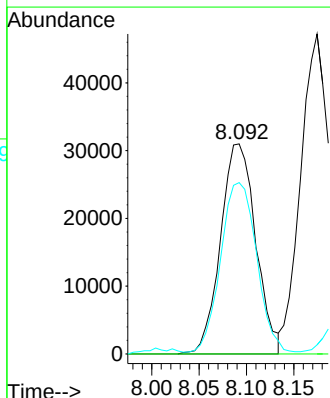
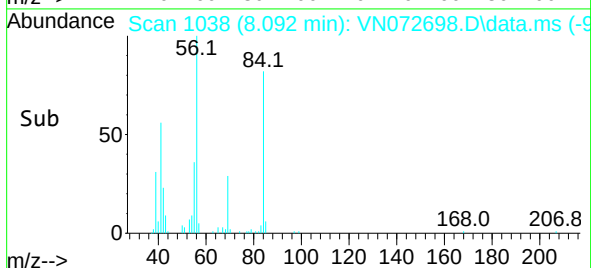
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022

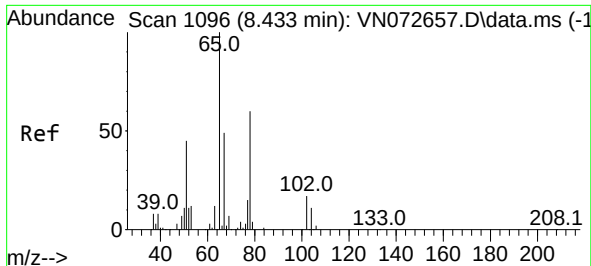


#26
Cyclohexane
Concen: 18.080 ug/l
RT: 8.092 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VN072698.D
Acq: 08 Jun 2022 12:04



Tgt Ion: 56 Resp: 80151
Ion Ratio Lower Upper
56 100
89 0.0 0.1 0.1#
84 84.5 74.6 111.8





#27

1,2-Dichloroethane-d4

Concen: 31.250 ug/l

RT: 8.433 min Scan# 1096

Delta R.T. 0.000 min

Lab File: VN072698.D

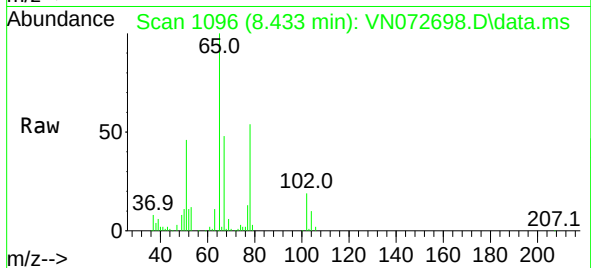
Acq: 08 Jun 2022 12:04

Instrument :

MSVOA_N

ClientSampleId :

VN0608WBS01



Tgt Ion: 65 Resp: 120660

Ion Ratio Lower Upper

65 100

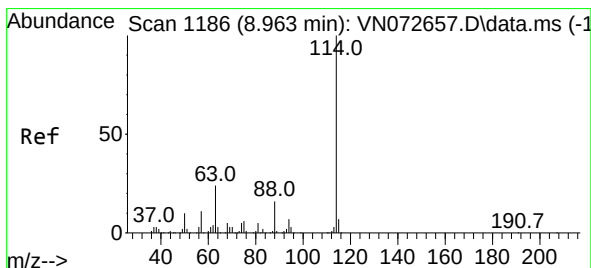
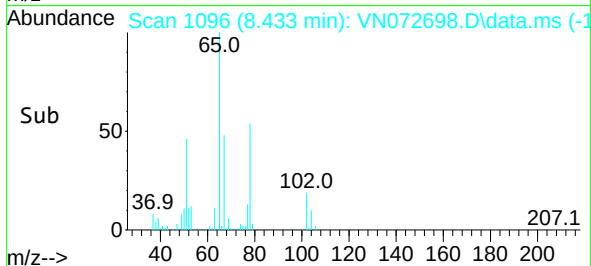
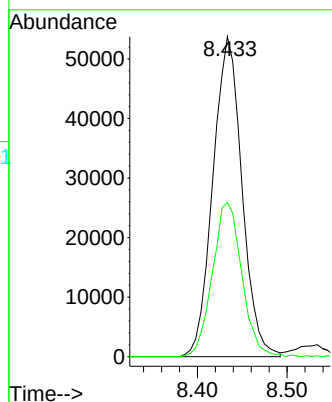
67 48.7 40.2 60.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/09/2022

Supervised By :Mahesh Dadoda 06/09/2022



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. 0.000 min

Lab File: VN072698.D

Acq: 08 Jun 2022 12:04

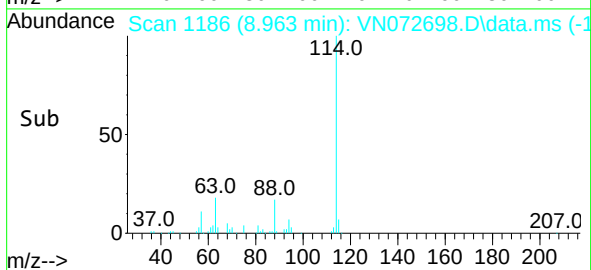
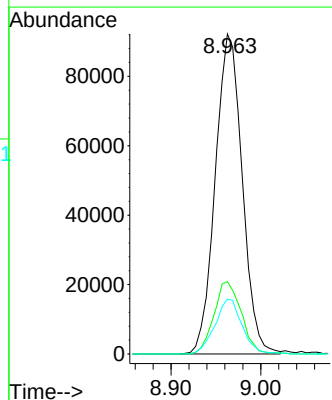
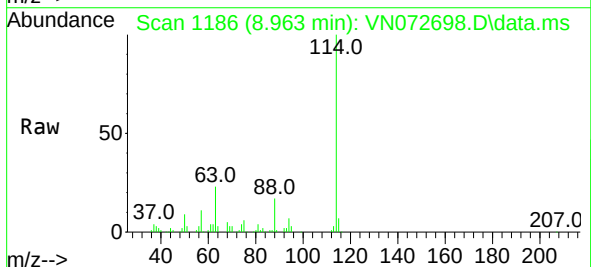
Tgt Ion:114 Resp: 192324

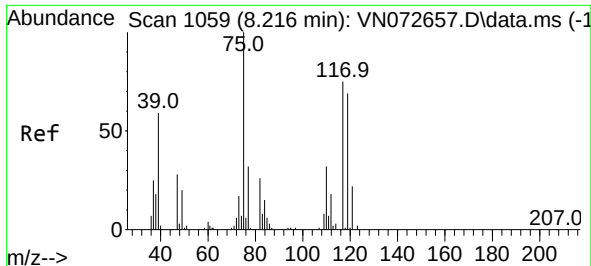
Ion Ratio Lower Upper

114 100

63 22.8 15.8 23.6

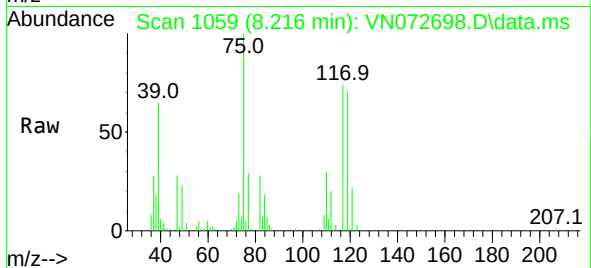
88 17.2 11.6 17.4





#29
1,1-Dichloropropene
Concen: 18.898 ug/l
RT: 8.216 min Scan# 1059
Delta R.T. 0.000 min
Lab File: VN072698.D
Acq: 08 Jun 2022 12:04

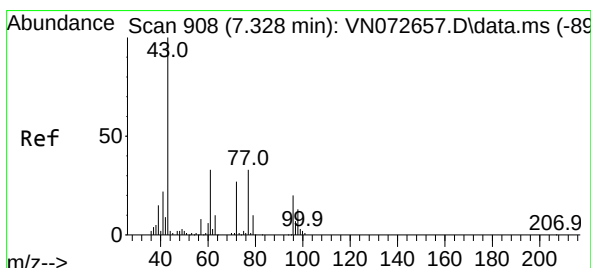
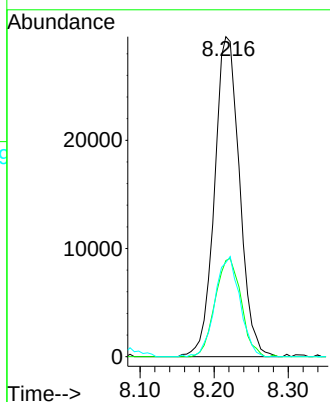
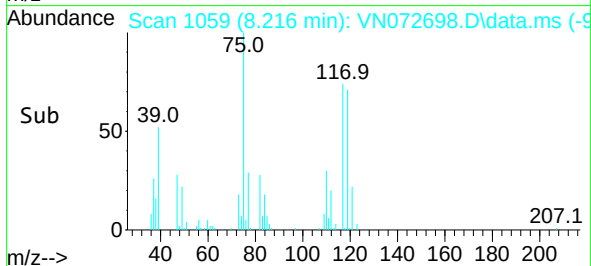
Instrument :
MSVOA_N
ClientSampleId :
VN0608WBS01



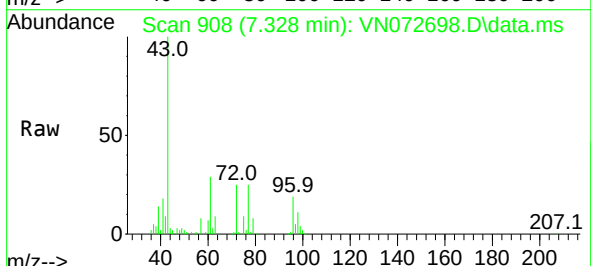
Tgt Ion: 75 Resp: 69284
Ion Ratio Lower Upper
75 100
110 31.9 0.0 74.2
77 31.2 0.0 63.2

Manual Integrations
APPROVED

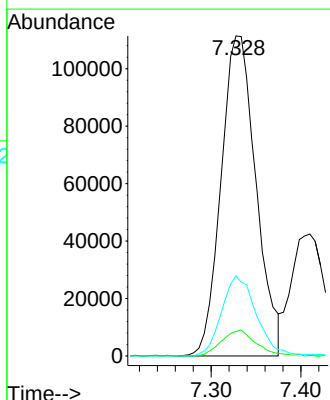
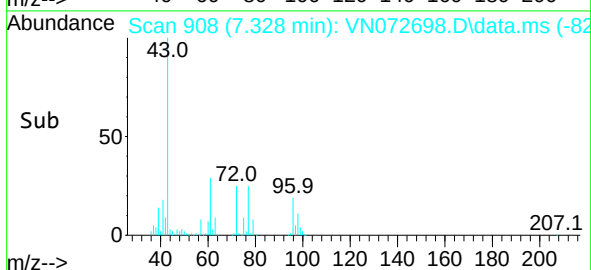
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022

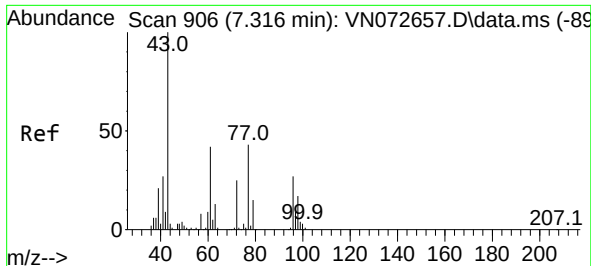


#30
2-Butanone
Concen: 113.590 ug/l
RT: 7.328 min Scan# 908
Delta R.T. 0.000 min
Lab File: VN072698.D
Acq: 08 Jun 2022 12:04



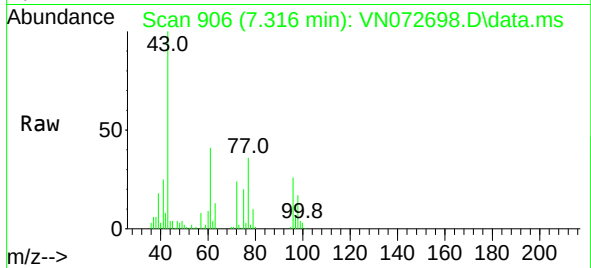
Tgt Ion: 43 Resp: 301378
Ion Ratio Lower Upper
43 100
57 7.9 6.7 10.1
72 24.8 23.2 34.8





#31
2,2-Dichloropropane
Concen: 17.540 ug/l
RT: 7.316 min Scan# 906
Delta R.T. 0.000 min
Lab File: VN072698.D
Acq: 08 Jun 2022 12:04

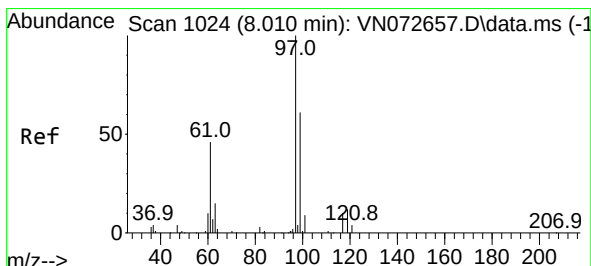
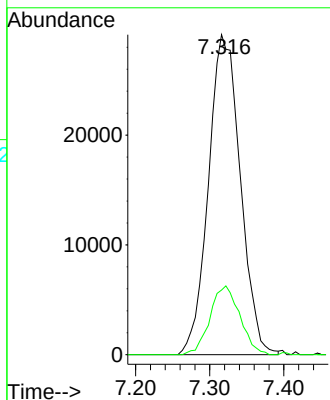
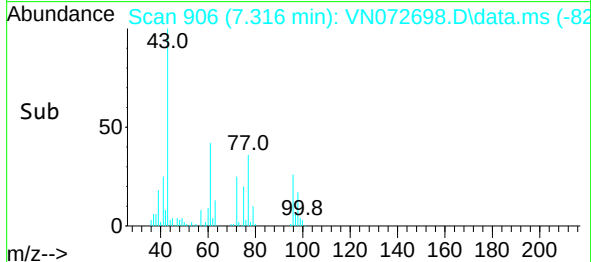
Instrument :
MSVOA_N
ClientSampleId :
VN0608WBS01



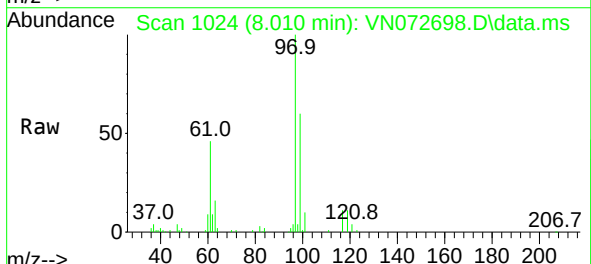
Tgt Ion: 77 Resp: 87040
Ion Ratio Lower Upper
77 100
97 20.2 18.3 27.5

Manual Integrations
APPROVED

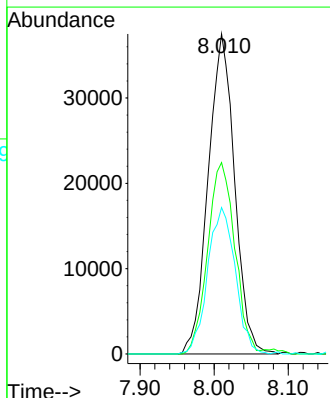
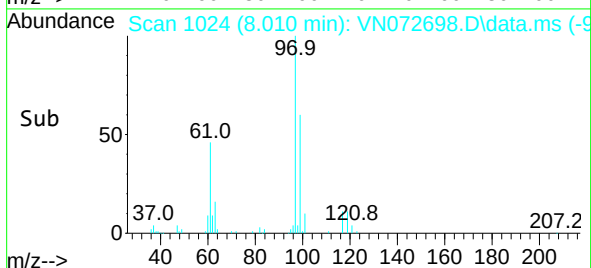
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022

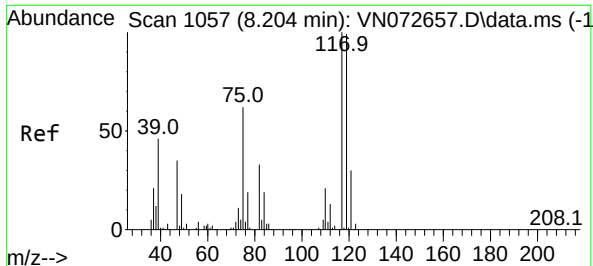


#32
1,1,1-Trichloroethane
Concen: 19.354 ug/l
RT: 8.010 min Scan# 1024
Delta R.T. 0.000 min
Lab File: VN072698.D
Acq: 08 Jun 2022 12:04



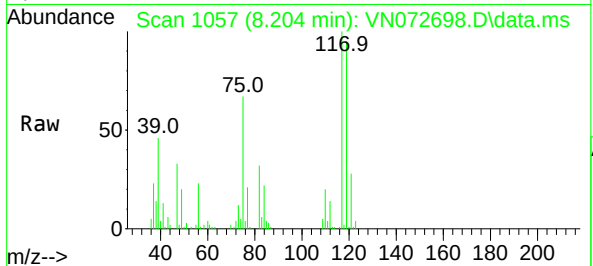
Tgt Ion: 97 Resp: 92840
Ion Ratio Lower Upper
97 100
99 61.6 50.4 75.6
61 47.7 34.6 51.8





#33
Carbon Tetrachloride
Concen: 18.279 ug/l
RT: 8.204 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VN072698.D
Acq: 08 Jun 2022 12:04

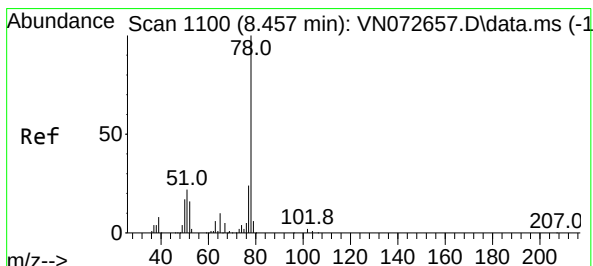
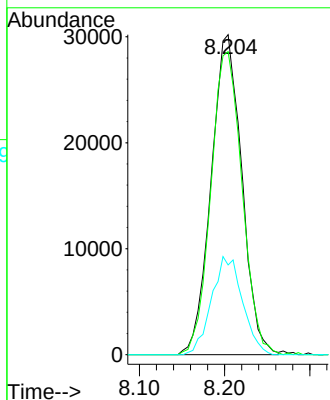
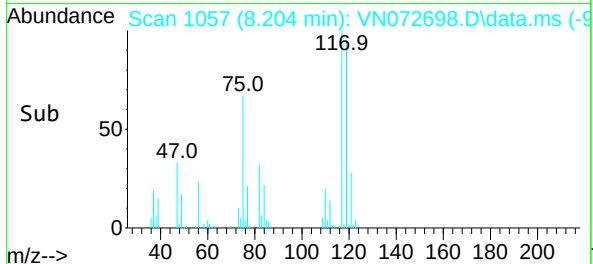
Instrument :
MSVOA_N
ClientSampleId :
VN0608WBS01



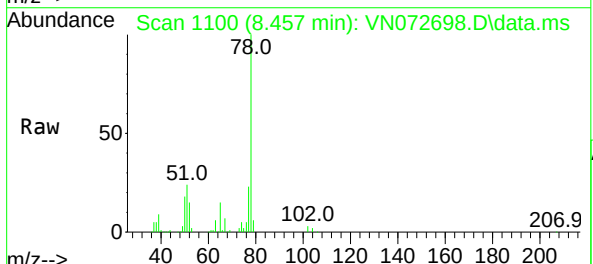
Tgt Ion:117 Resp: 75614
Ion Ratio Lower Upper
117 100
119 94.7 77.5 116.3
121 28.0 23.5 35.3

Manual Integrations
APPROVED

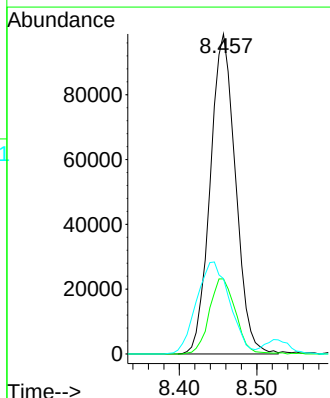
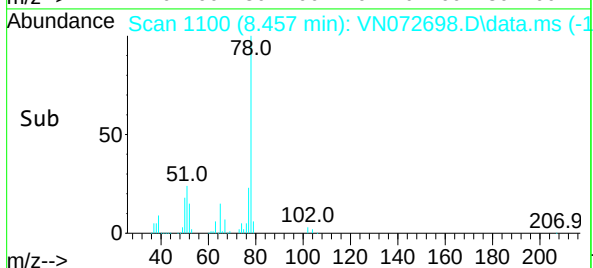
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022

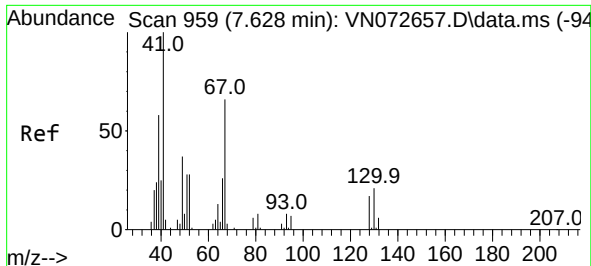


#34
Benzene
Concen: 20.645 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN072698.D
Acq: 08 Jun 2022 12:04



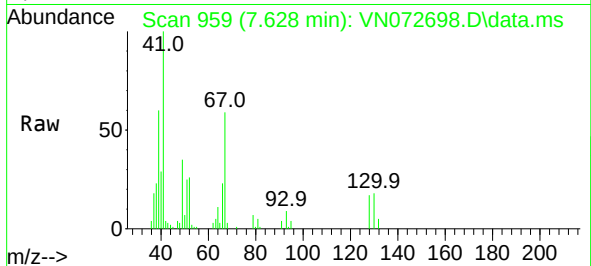
Tgt Ion: 78 Resp: 223923
Ion Ratio Lower Upper
78 100
77 23.4 19.1 28.7
51 22.4 16.0 24.0





#35
Methacrylonitrile
Concen: 20.532 ug/l
RT: 7.628 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN072698.D
Acq: 08 Jun 2022 12:04

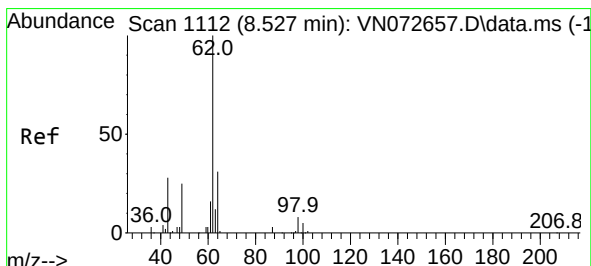
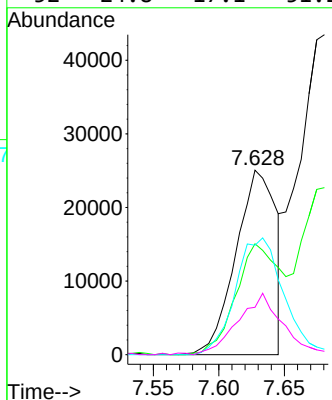
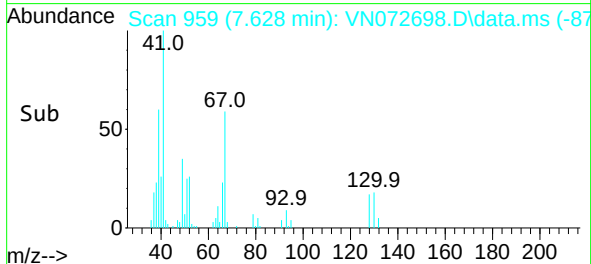
Instrument :
MSVOA_N
ClientSampleId :
VN0608WBS01



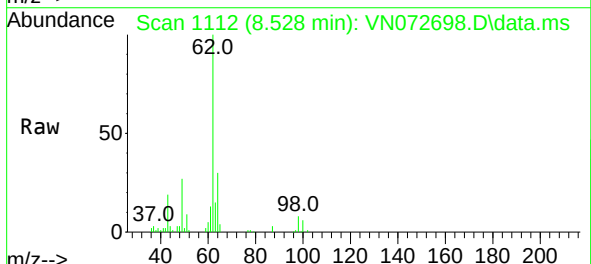
Tgt Ion: 41 Resp: 53410
Ion Ratio Lower Upper
41 100
39 60.1 28.0 83.9
67 59.3 37.7 113.1
52 24.8 17.1 51.2

Manual Integrations
APPROVED

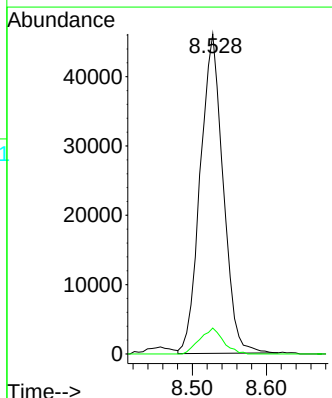
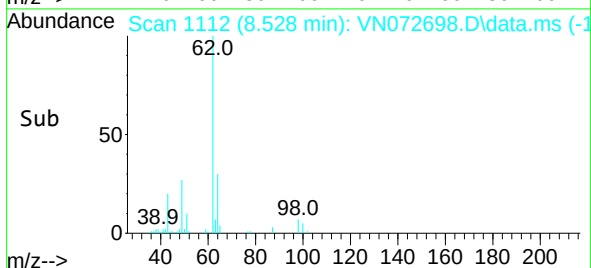
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022

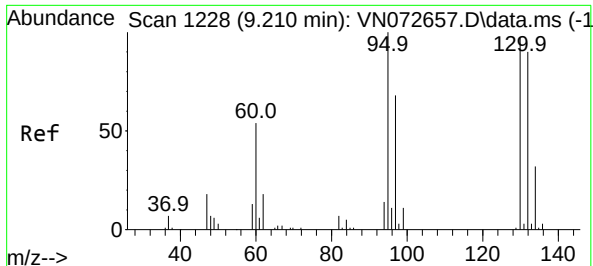


#36
1,2-Dichloroethane
Concen: 21.556 ug/l
RT: 8.528 min Scan# 1112
Delta R.T. 0.000 min
Lab File: VN072698.D
Acq: 08 Jun 2022 12:04



Tgt Ion: 62 Resp: 98777
Ion Ratio Lower Upper
62 100
98 8.2 6.6 10.0





#37

Trichloroethene

Concen: 19.756 ug/l

RT: 9.216 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN072698.D

Acq: 08 Jun 2022 12:04

Instrument :

MSVOA_N

ClientSampleId :

VN0608WBS01

Tgt Ion:130 Resp: 51650

Ion Ratio Lower Upper

130 100

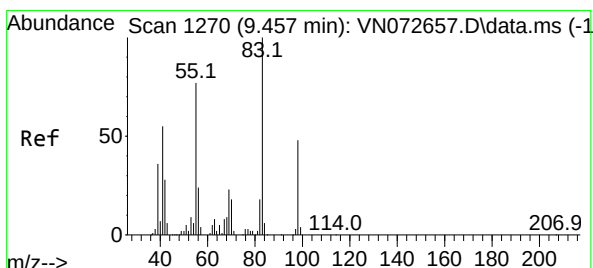
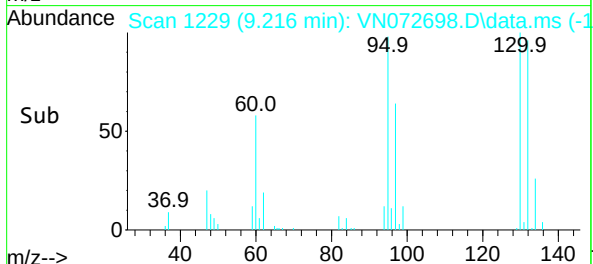
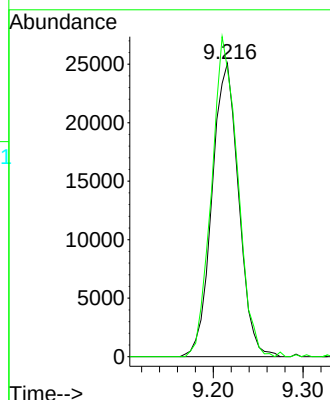
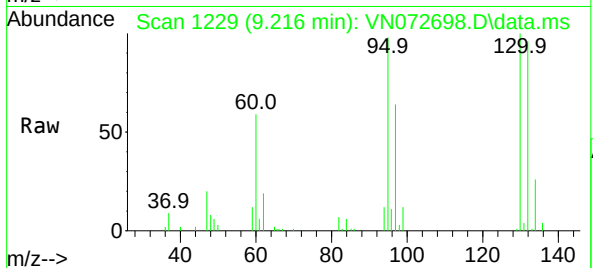
95 98.3 76.6 115.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/09/2022

Supervised By :Mahesh Dadoda 06/09/2022



#38

Methylcyclohexane

Concen: 17.903 ug/l

RT: 9.457 min Scan# 1270

Delta R.T. 0.000 min

Lab File: VN072698.D

Acq: 08 Jun 2022 12:04

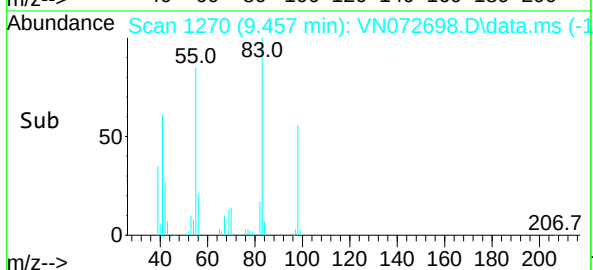
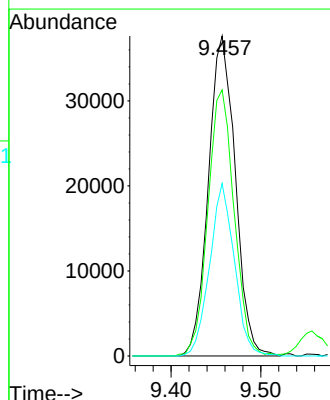
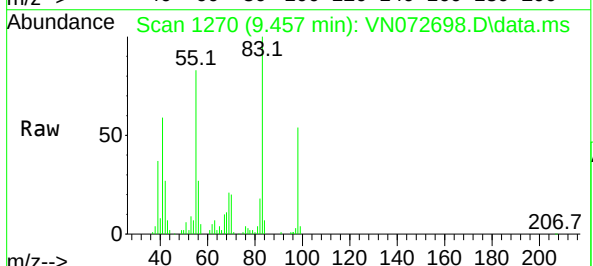
Tgt Ion: 83 Resp: 78356

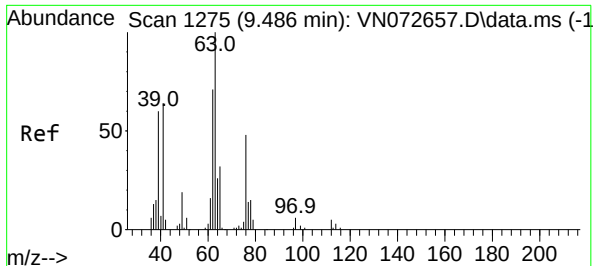
Ion Ratio Lower Upper

83 100

55 81.0 35.1 105.3

98 49.7 23.4 70.2





#39

1,2-Dichloropropane

Concen: 21.546 ug/l

RT: 9.486 min Scan# 1275

Delta R.T. 0.000 min

Lab File: VN072698.D

Acq: 08 Jun 2022 12:04

Instrument :

MSVOA_N

ClientSampleId :

VN0608WBS01

Tgt Ion: 63 Resp: 64200

Ion Ratio Lower Upper

63 100

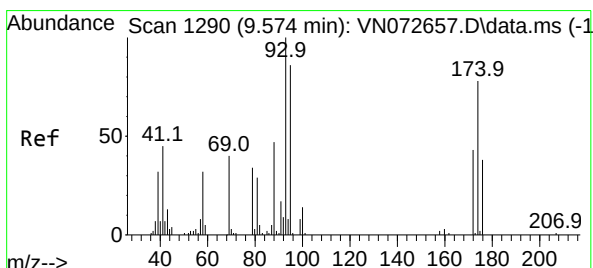
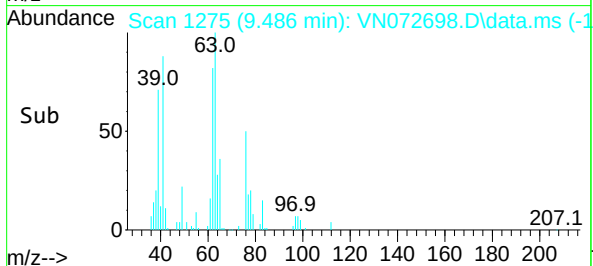
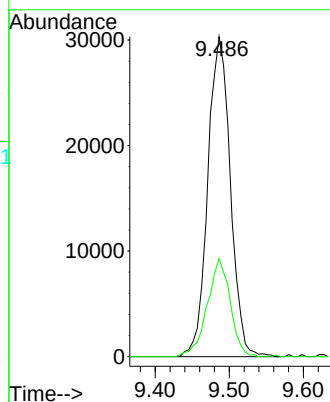
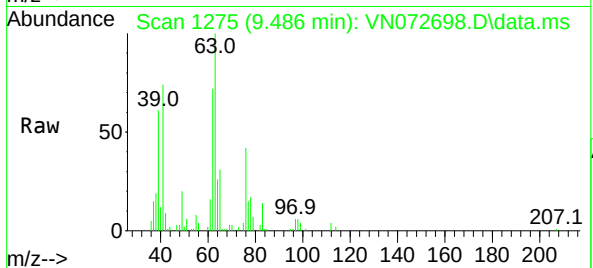
65 30.5 24.2 36.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/09/2022

Supervised By :Mahesh Dadoda 06/09/2022



#40

Dibromomethane

Concen: 21.844 ug/l

RT: 9.575 min Scan# 1290

Delta R.T. 0.000 min

Lab File: VN072698.D

Acq: 08 Jun 2022 12:04

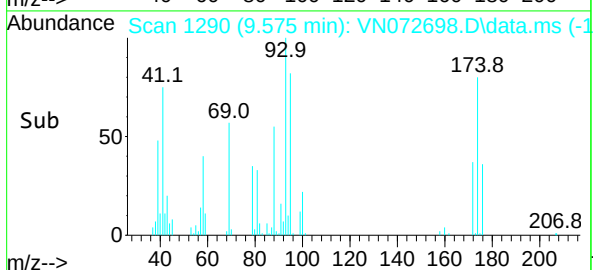
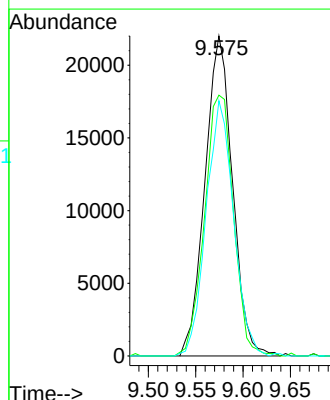
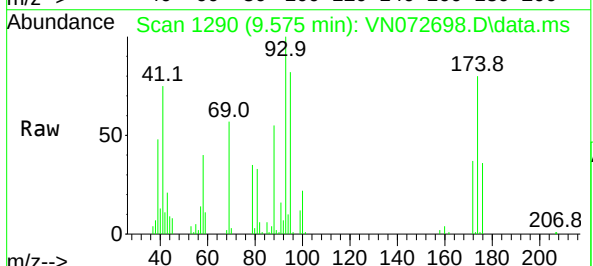
Tgt Ion: 93 Resp: 44682

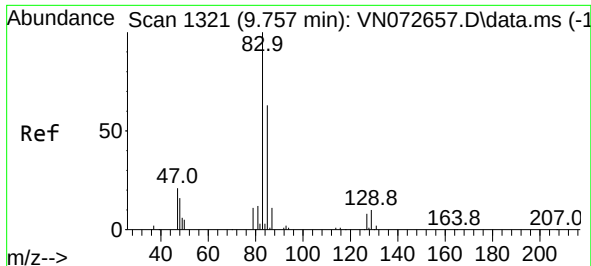
Ion Ratio Lower Upper

93 100

95 85.3 0.0 168.8

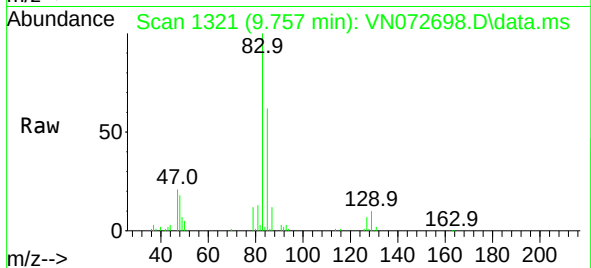
174 79.3 0.0 173.6





#41
Bromodichloromethane
Concen: 21.351 ug/l
RT: 9.757 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN072698.D
Acq: 08 Jun 2022 12:04

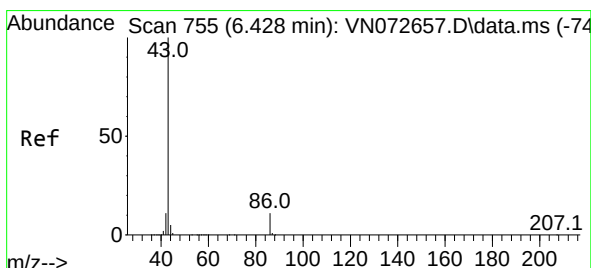
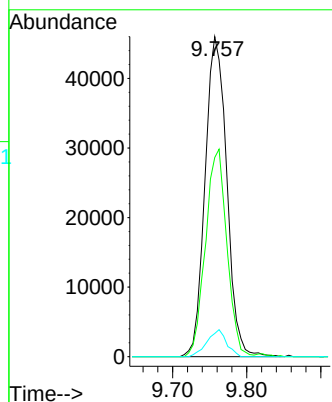
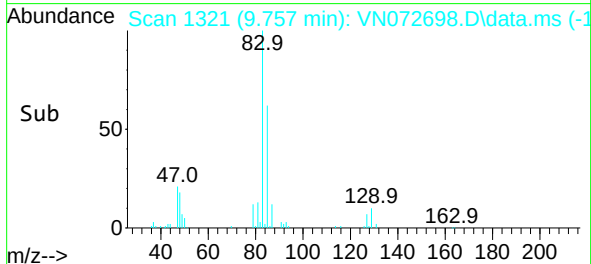
Instrument :
MSVOA_N
ClientSampleId :
VN0608WBS01



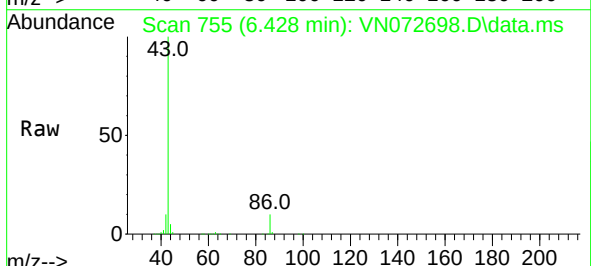
Tgt Ion: 83 Resp: 93424
Ion Ratio Lower Upper
83 100
85 62.3 54.1 81.1
127 7.2 7.6 11.4

Manual Integrations
APPROVED

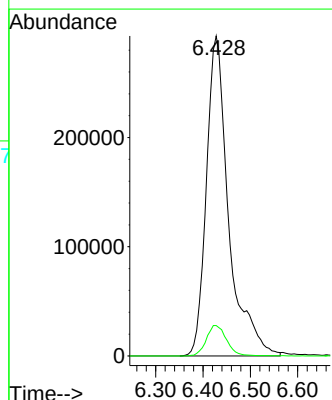
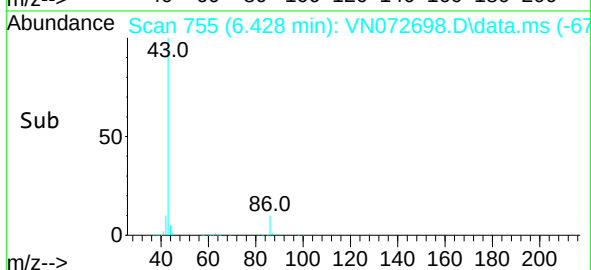
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022

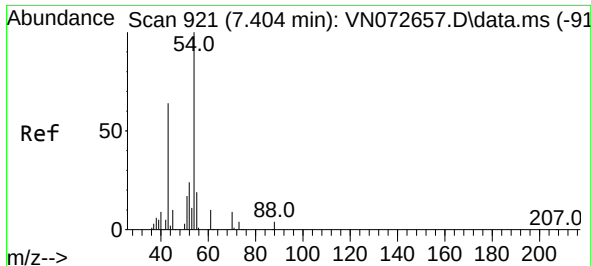


#42
Vinyl Acetate
Concen: 111.093 ug/l
RT: 6.428 min Scan# 755
Delta R.T. 0.000 min
Lab File: VN072698.D
Acq: 08 Jun 2022 12:04



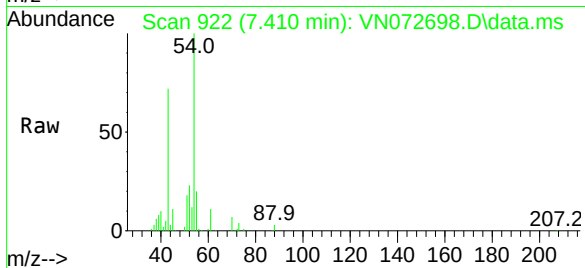
Tgt Ion: 43 Resp: 959586
Ion Ratio Lower Upper
43 100
86 8.6 7.5 11.3





#43
Ethyl Acetate
Concen: 22.978 ug/l
RT: 7.410 min Scan# 911
Delta R.T. 0.006 min
Lab File: VN072698.D
Acq: 08 Jun 2022 12:04

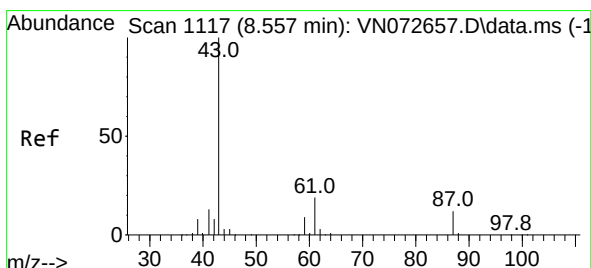
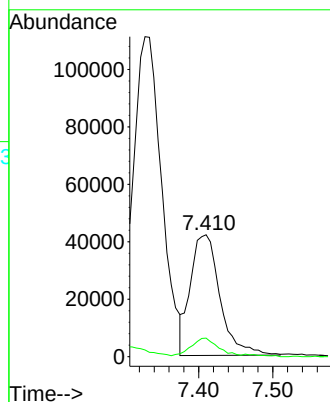
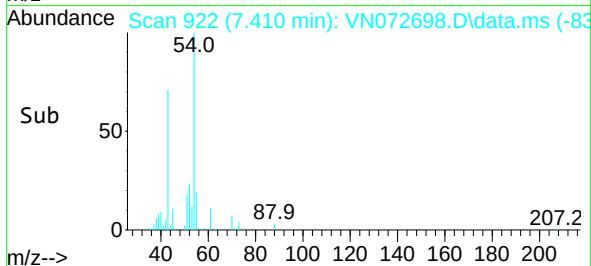
Instrument :
MSVOA_N
ClientSampleId :
VN0608WBS01



Tgt Ion: 43 Resp: 11680
Ion Ratio Lower Upper
43 100
45 14.3 10.6 16.0

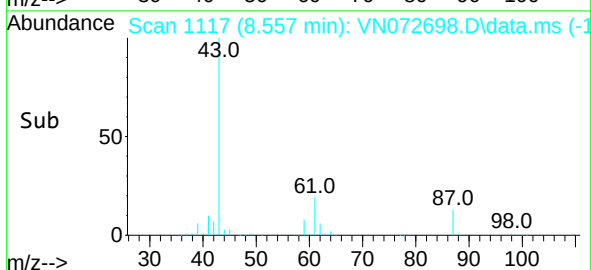
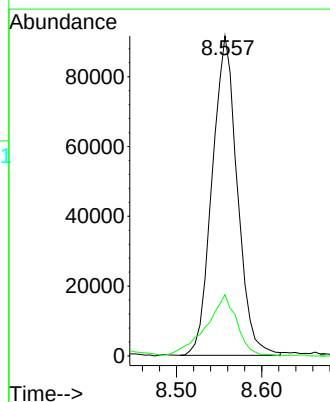
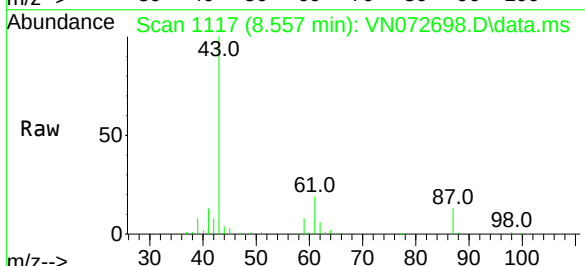
Manual Integrations
APPROVED

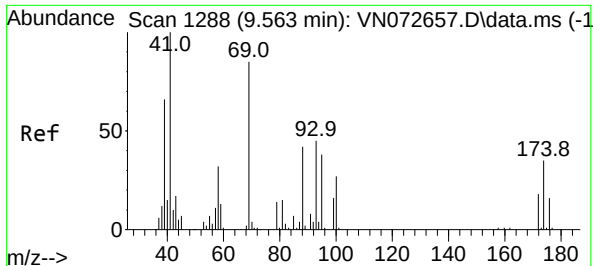
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#44
Isopropyl Acetate
Concen: 22.226 ug/l
RT: 8.557 min Scan# 1117
Delta R.T. 0.000 min
Lab File: VN072698.D
Acq: 08 Jun 2022 12:04

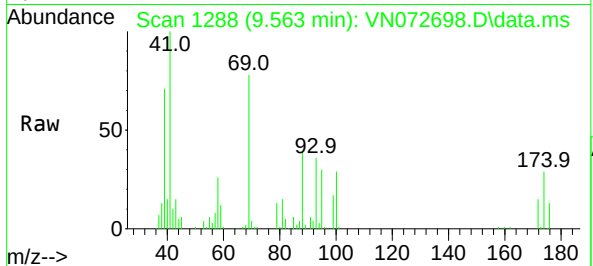
Tgt Ion: 43 Resp: 187411
Ion Ratio Lower Upper
43 100
61 23.5 20.1 30.1





#45
1,4-Dioxane
Concen: 463.489 ug/l
RT: 9.563 min Scan# 1288
Delta R.T. 0.000 min
Lab File: VN072698.D
Acq: 08 Jun 2022 12:04

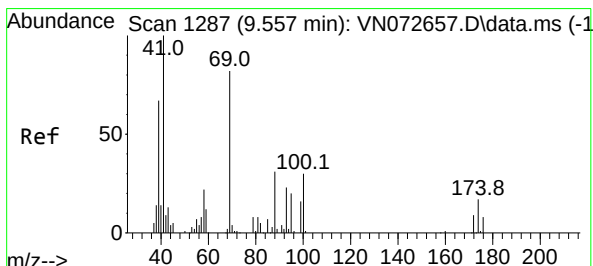
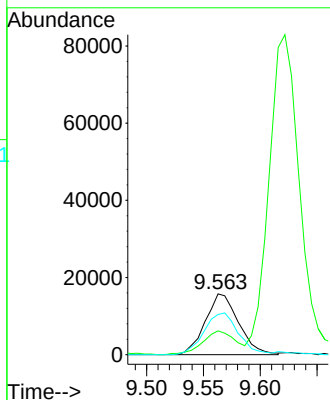
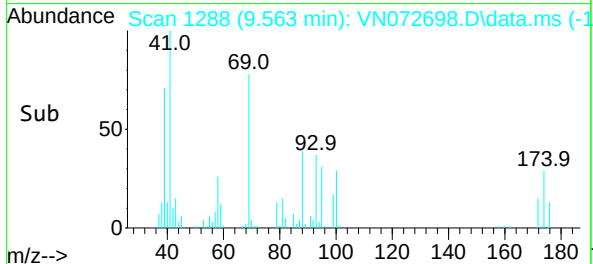
Instrument :
MSVOA_N
ClientSampleId :
VN0608WBS01



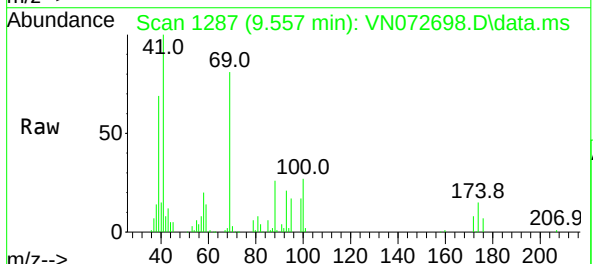
Tgt Ion: 88 Resp: 3211
Ion Ratio Lower Upper
88 100
43 38.9 25.0 37.6
58 71.1 49.4 74.2

Manual Integrations
APPROVED

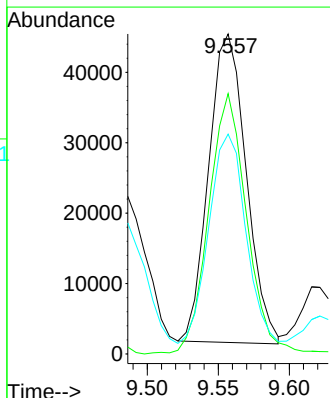
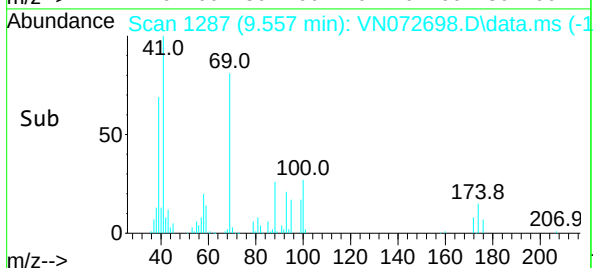
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022

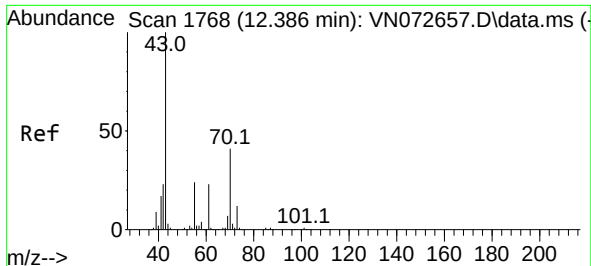


#46
Methyl methacrylate
Concen: 21.360 ug/l
RT: 9.557 min Scan# 1287
Delta R.T. 0.000 min
Lab File: VN072698.D
Acq: 08 Jun 2022 12:04



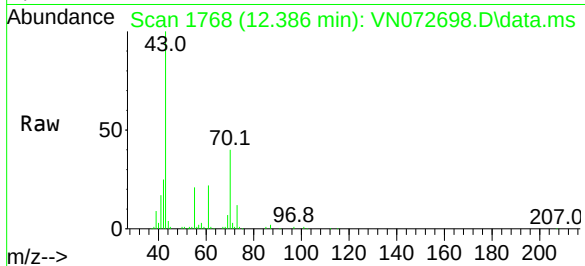
Tgt Ion: 41 Resp: 80536
Ion Ratio Lower Upper
41 100
69 83.6 44.4 133.2
39 68.1 39.9 119.6





#47
n-amy1 Acetate
Concen: 19.699 ug/l
RT: 12.386 min Scan# 1768
Delta R.T. 0.000 min
Lab File: VN072698.D
Acq: 08 Jun 2022 12:04

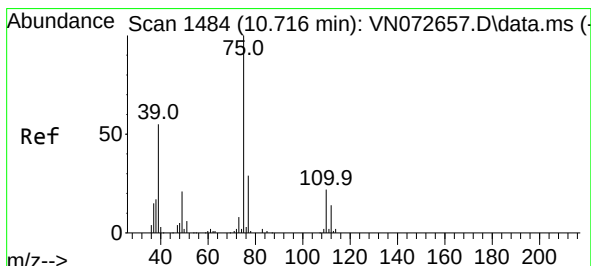
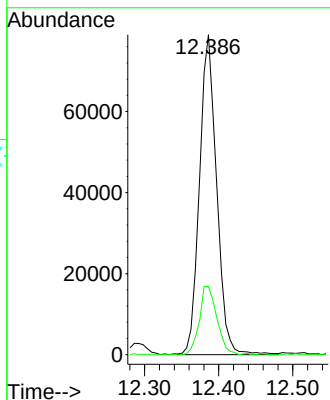
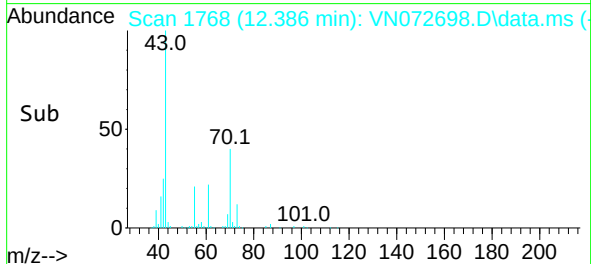
Instrument :
MSVOA_N
ClientSampleId :
VN0608WBS01



Tgt Ion: 43 Resp: 12717
Ion Ratio Lower Upper
43 100
55 21.8 19.0 28.6

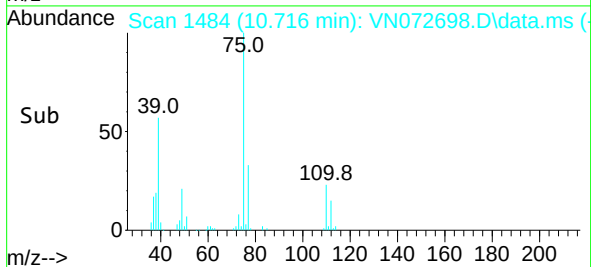
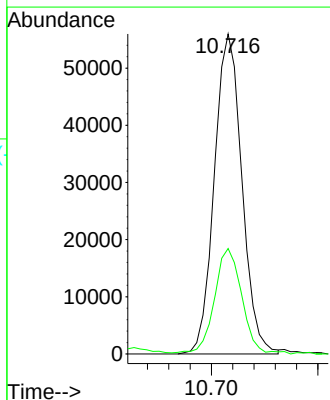
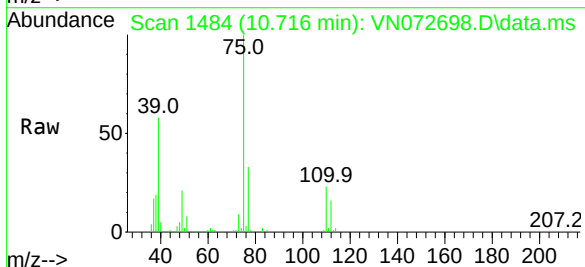
Manual Integrations
APPROVED

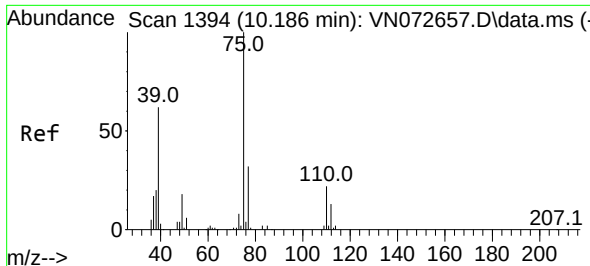
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#48
t-1,3-Dichloropropene
Concen: 20.132 ug/l
RT: 10.716 min Scan# 1484
Delta R.T. 0.000 min
Lab File: VN072698.D
Acq: 08 Jun 2022 12:04

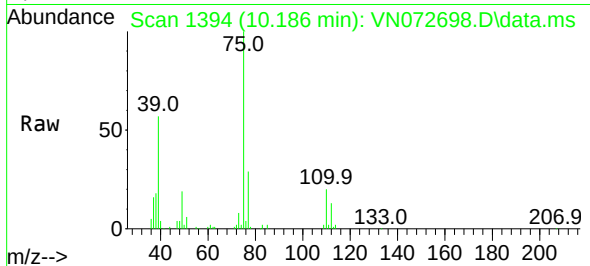
Tgt Ion: 75 Resp: 100546
Ion Ratio Lower Upper
75 100
77 32.4 25.3 37.9





#49
 cis-1,3-Dichloropropene
 Concen: 20.419 ug/l
 RT: 10.186 min Scan# 1394
 Delta R.T. 0.000 min
 Lab File: VN072698.D
 Acq: 08 Jun 2022 12:04

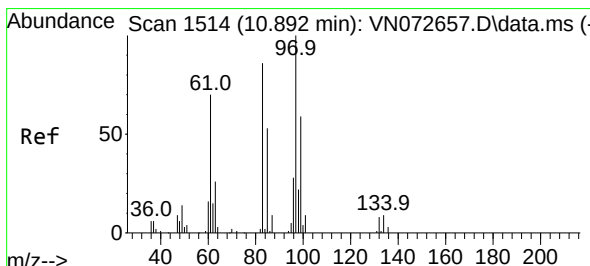
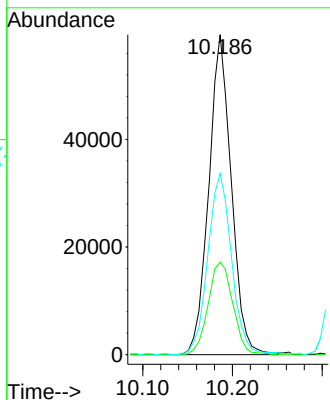
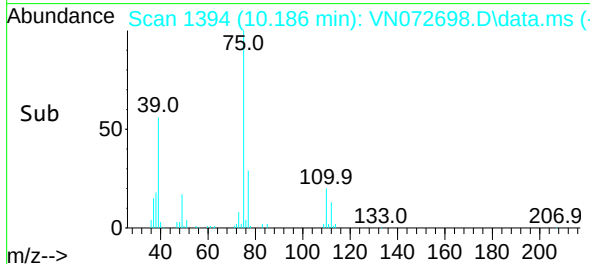
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0608WBS01



Tgt Ion: 75 Resp: 10355
 Ion Ratio Lower Upper
 75 100
 77 28.9 25.3 37.9
 39 56.7 46.2 69.4

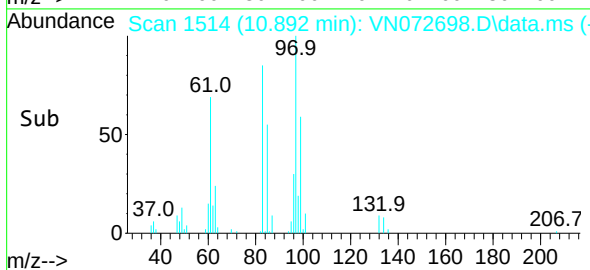
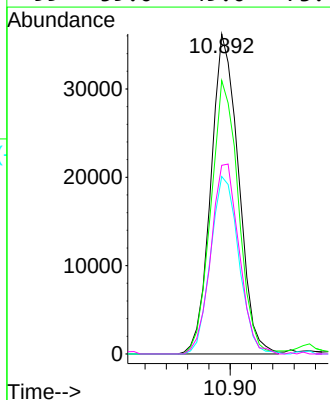
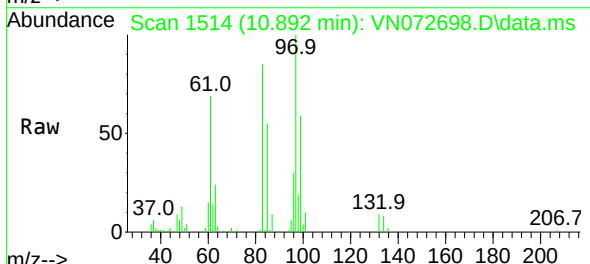
Manual Integrations
 APPROVED

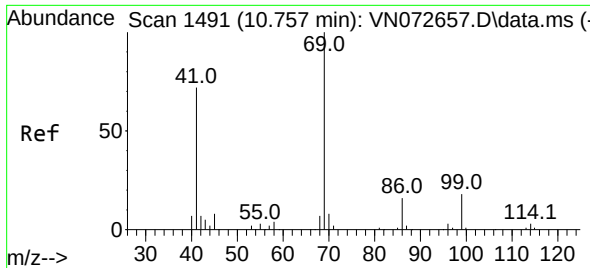
Reviewed By :John Carlone 06/09/2022
 Supervised By :Mahesh Dadoda 06/09/2022



#50
 1,1,2-Trichloroethane
 Concen: 22.547 ug/l
 RT: 10.892 min Scan# 1514
 Delta R.T. 0.000 min
 Lab File: VN072698.D
 Acq: 08 Jun 2022 12:04

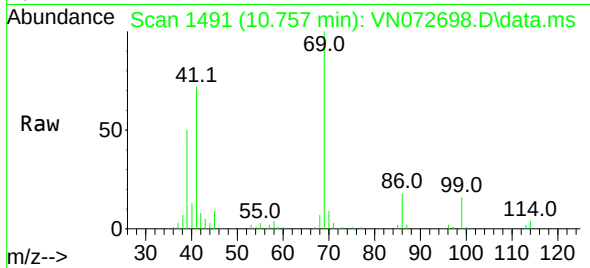
Tgt Ion: 97 Resp: 65204
 Ion Ratio Lower Upper
 97 100
 83 85.5 67.2 100.8
 85 55.4 43.0 64.4
 99 59.0 49.0 73.4





#51
Ethyl methacrylate
Concen: 21.300 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. 0.000 min
Lab File: VN072698.D
Acq: 08 Jun 2022 12:04

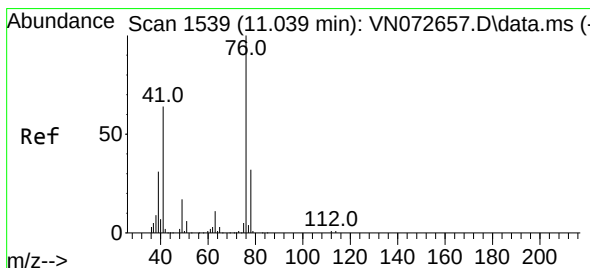
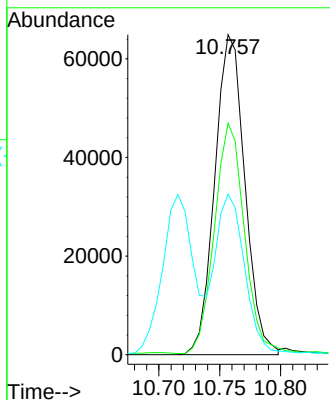
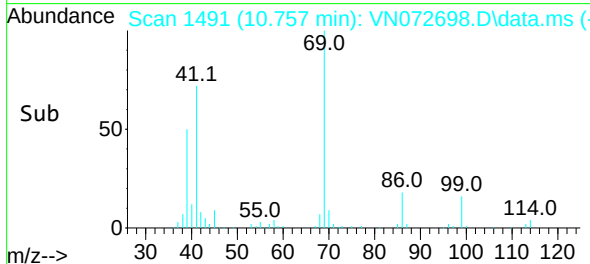
Instrument :
MSVOA_N
ClientSampleId :
VN0608WBS01



Tgt Ion: 69 Resp: 111579
Ion Ratio Lower Upper
69 100
41 72.0 33.0 98.9
39 49.0 25.4 76.4

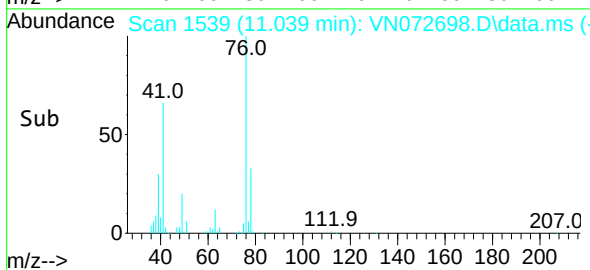
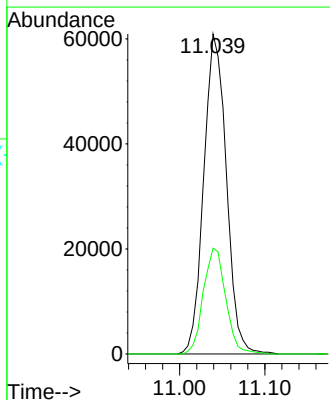
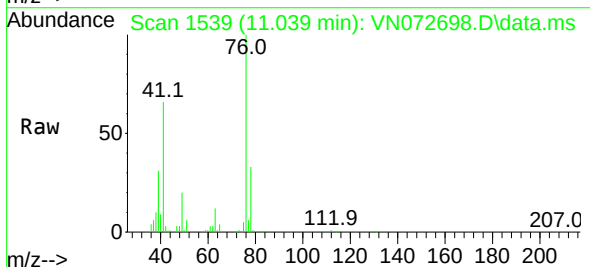
Manual Integrations
APPROVED

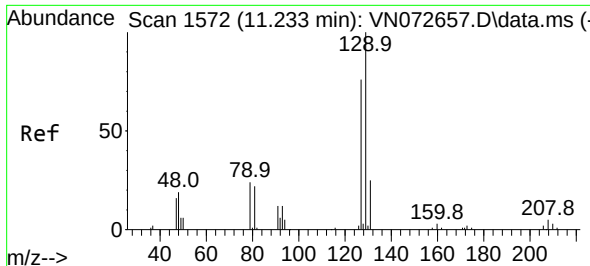
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#52
1,3-Dichloropropane
Concen: 21.809 ug/l
RT: 11.039 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VN072698.D
Acq: 08 Jun 2022 12:04

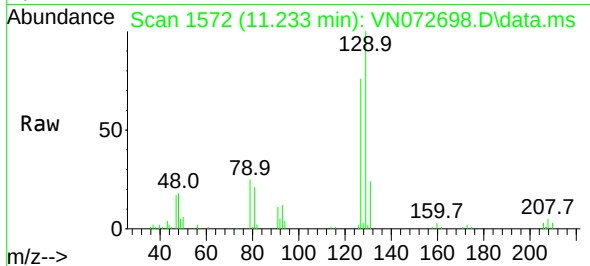
Tgt Ion: 76 Resp: 112240
Ion Ratio Lower Upper
76 100
78 32.7 0.0 65.4





#53
Dibromochloromethane
Concen: 21.524 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN072698.D
Acq: 08 Jun 2022 12:04

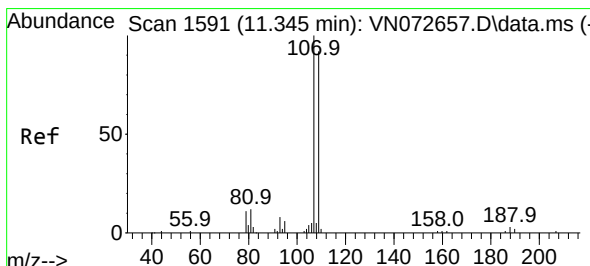
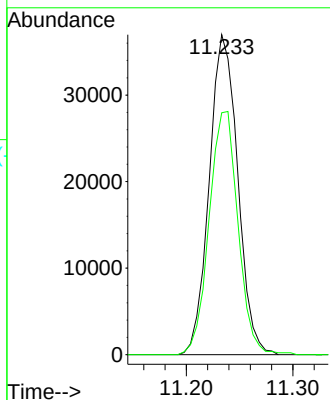
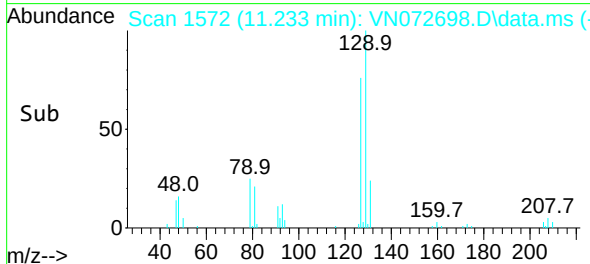
Instrument :
MSVOA_N
ClientSampleId :
VN0608WBS01



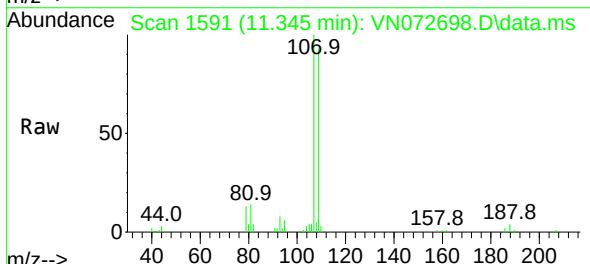
Tgt Ion:129 Resp: 6867
Ion Ratio Lower Upper
129 100
127 77.1 39.0 117.0

Manual Integrations
APPROVED

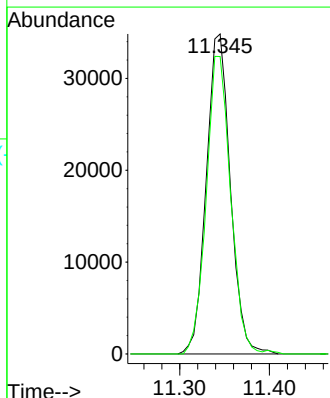
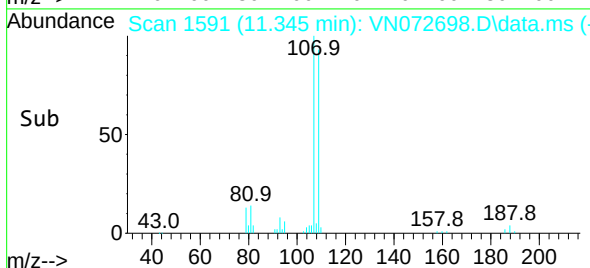
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022

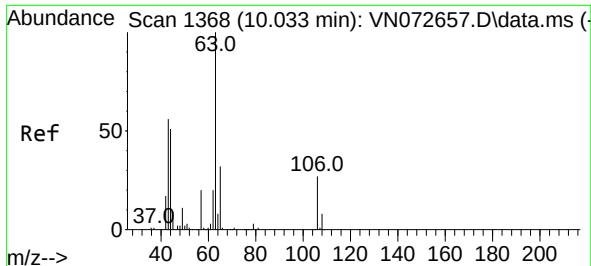


#54
1,2-Dibromoethane
Concen: 21.347 ug/l
RT: 11.345 min Scan# 1591
Delta R.T. 0.000 min
Lab File: VN072698.D
Acq: 08 Jun 2022 12:04



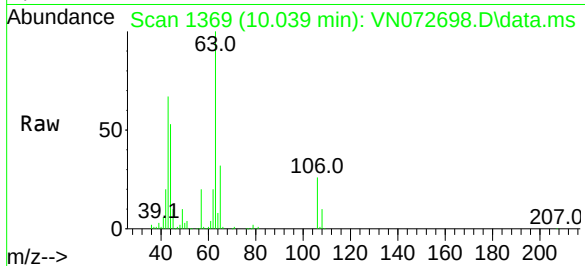
Tgt Ion:107 Resp: 64912
Ion Ratio Lower Upper
107 100
109 94.0 72.8 109.2





#55
2-Chloroethyl vinyl ether
Concen: 107.083 ug/l
RT: 10.039 min Scan# 1368
Delta R.T. 0.006 min
Lab File: VN072698.D
Acq: 08 Jun 2022 12:04

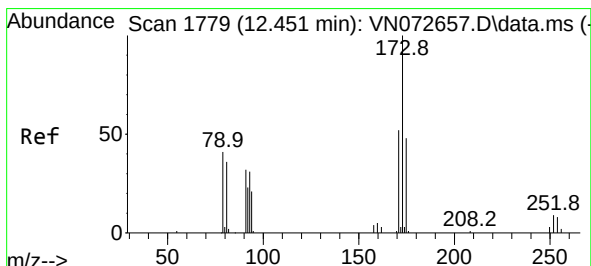
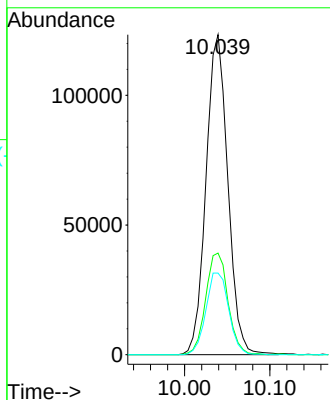
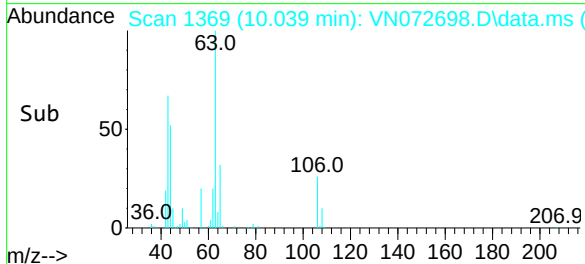
Instrument :
MSVOA_N
ClientSampleId :
VN0608WBS01



Tgt Ion: 63 Resp: 21969
Ion Ratio Lower Upper
63 100
65 32.4 25.4 38.0
106 26.7 23.2 34.8

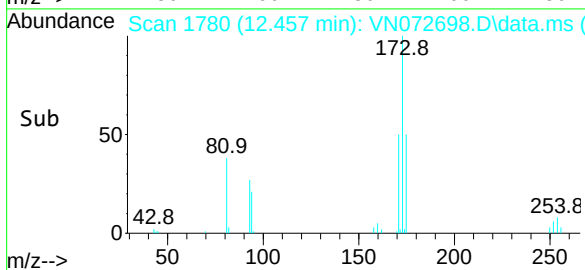
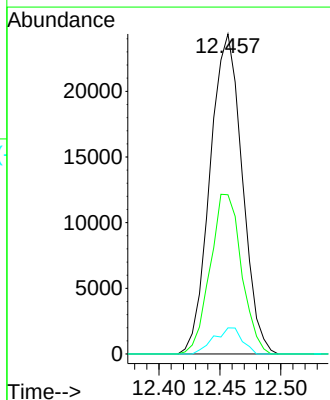
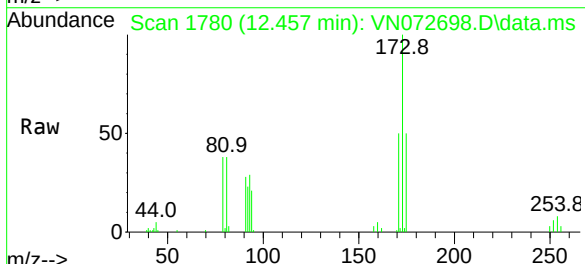
Manual Integrations
APPROVED

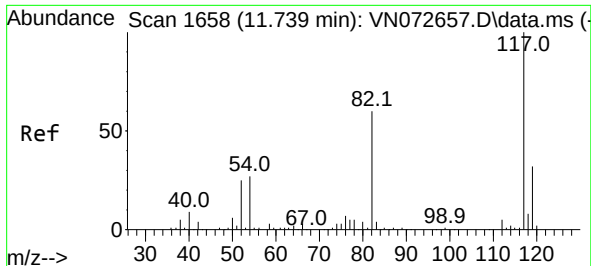
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#56
Bromoform
Concen: 20.155 ug/l
RT: 12.457 min Scan# 1780
Delta R.T. 0.006 min
Lab File: VN072698.D
Acq: 08 Jun 2022 12:04

Tgt Ion:173 Resp: 44809
Ion Ratio Lower Upper
173 100
175 48.6 38.6 58.0
254 7.2 0.0 0.0#





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.739 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN072698.D

Acq: 08 Jun 2022 12:04

Instrument :

MSVOA_N

ClientSampleId :

VN0608WBS01

Tgt Ion:117 Resp: 17643

Ion Ratio Lower Upper

117 100

82 59.7 43.6 65.4

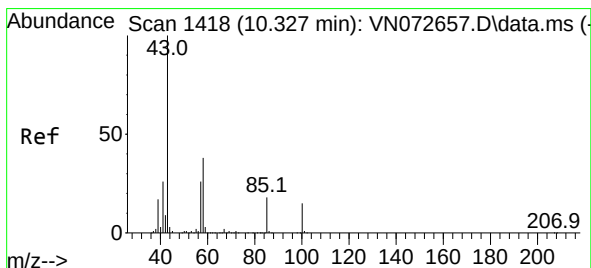
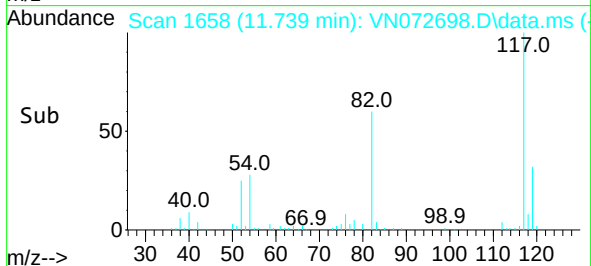
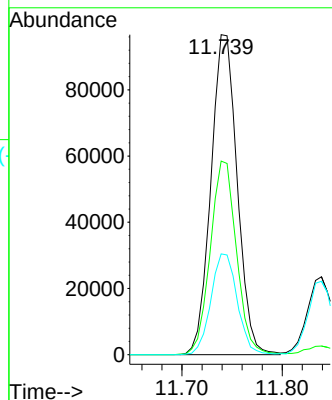
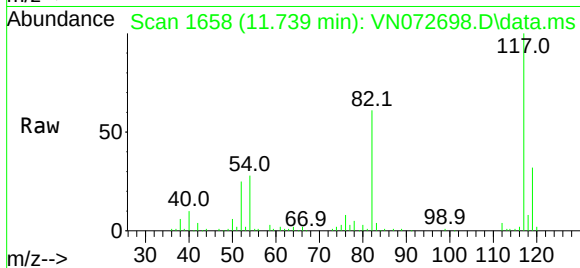
119 31.6 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/09/2022

Supervised By :Mahesh Dadoda 06/09/2022



#58

4-Methyl-2-Pentanone

Concen: 114.108 ug/l

RT: 10.327 min Scan# 1418

Delta R.T. 0.000 min

Lab File: VN072698.D

Acq: 08 Jun 2022 12:04

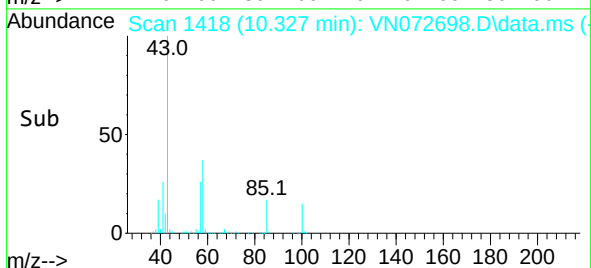
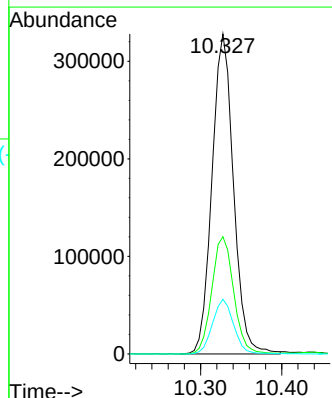
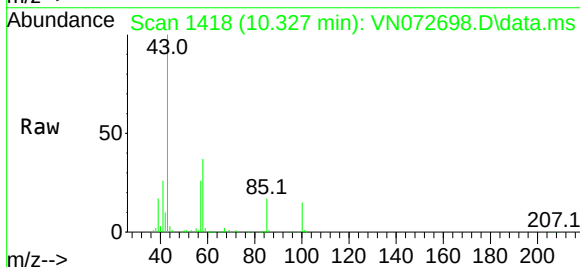
Tgt Ion: 43 Resp: 603838

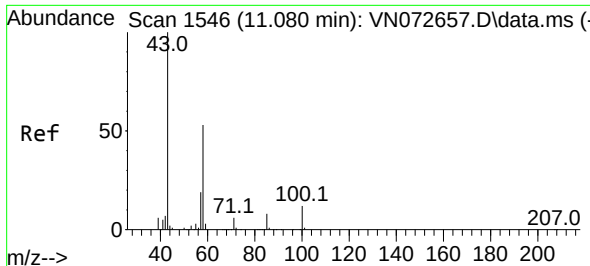
Ion Ratio Lower Upper

43 100

58 37.3 30.0 45.0

85 16.7 15.0 22.6





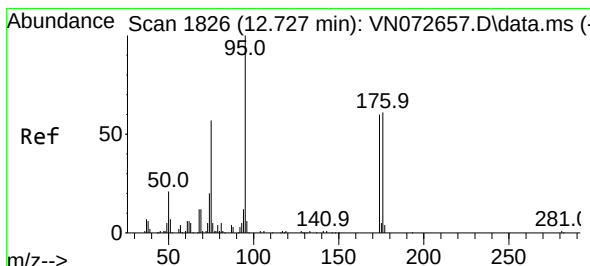
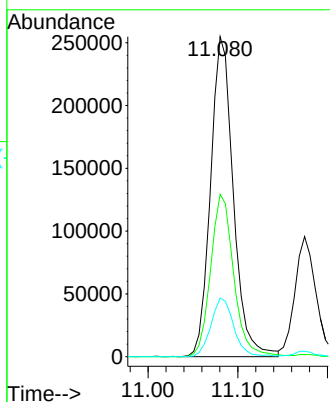
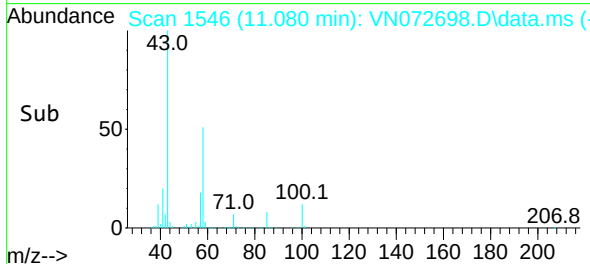
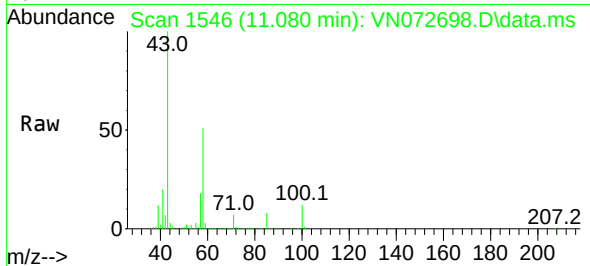
#59
2-Hexanone
Concen: 112.042 ug/l
RT: 11.080 min Scan# 1546
Delta R.T. 0.000 min
Lab File: VN072698.D
Acq: 08 Jun 2022 12:04

Instrument :
MSVOA_N
ClientSampleId :
VN0608WBS01

Tgt Ion: 43 Resp: 44951
Ion Ratio Lower Upper
43 100
58 51.5 42.2 63.2
57 18.2 15.0 22.4

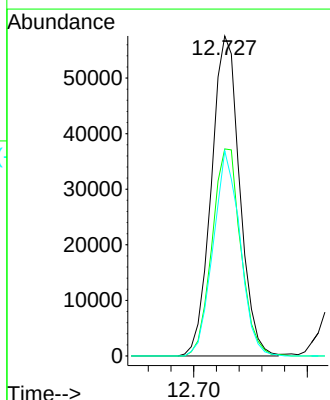
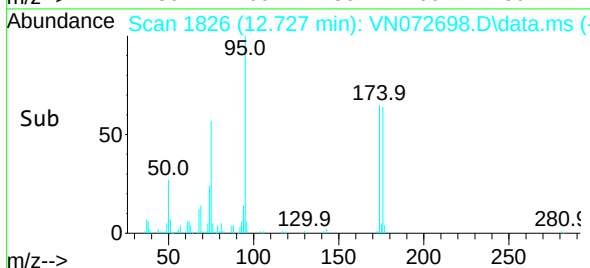
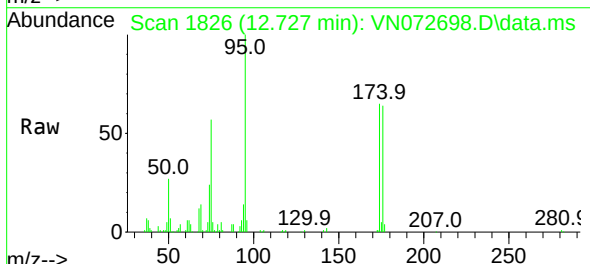
Manual Integrations
APPROVED

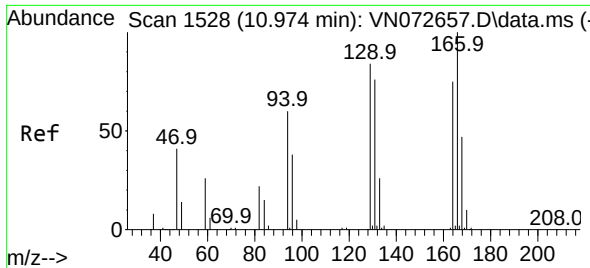
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#60
4-Bromofluorobenzene
Concen: 27.457 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072698.D
Acq: 08 Jun 2022 12:04

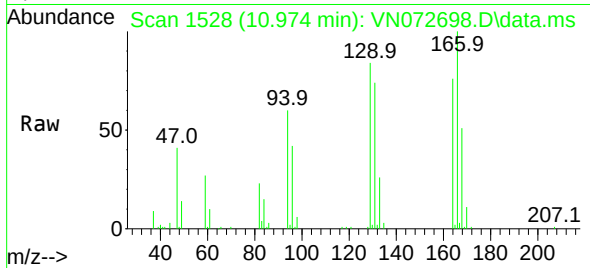
Tgt Ion: 95 Resp: 99637
Ion Ratio Lower Upper
95 100
174 65.4 62.9 94.3
176 60.8 61.0 91.4





#61
Tetrachloroethene
Concen: 20.009 ug/l
RT: 10.974 min Scan# 1528
Delta R.T. 0.000 min
Lab File: VN072698.D
Acq: 08 Jun 2022 12:04

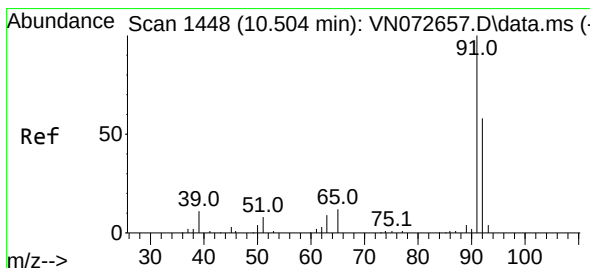
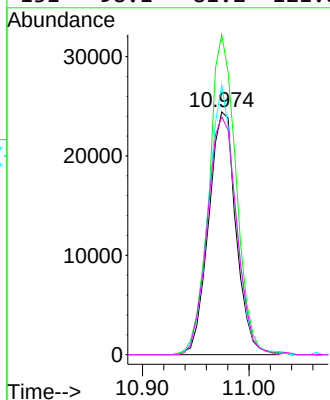
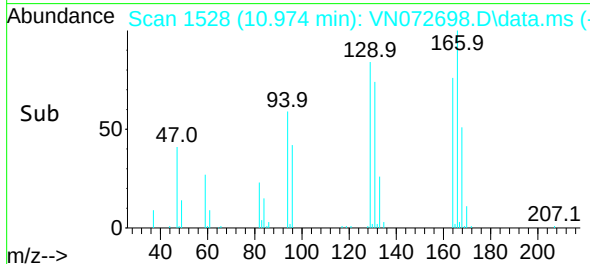
Instrument :
MSVOA_N
ClientSampleId :
VN0608WBS01



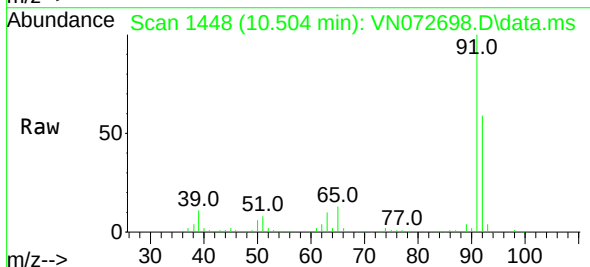
Tgt Ion:164 Resp: 4368
Ion Ratio Lower Upper
164 100
166 131.2 105.8 158.8
129 111.1 82.5 123.7
131 98.1 81.2 121.8

Manual Integrations
APPROVED

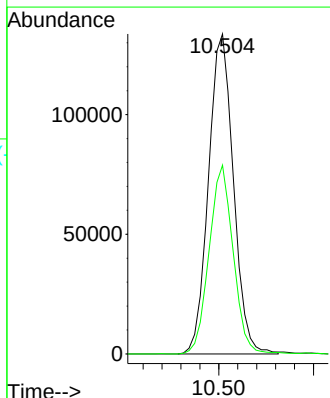
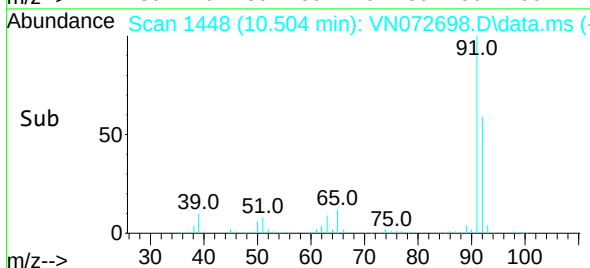
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022

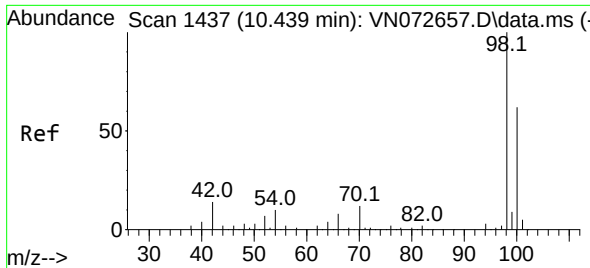


#62
Toluene
Concen: 20.436 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN072698.D
Acq: 08 Jun 2022 12:04



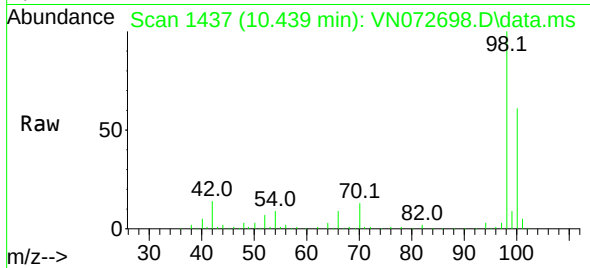
Tgt Ion: 91 Resp: 244473
Ion Ratio Lower Upper
91 100
92 57.1 44.6 67.0





#63
Toluene-d8
Concen: 30.062 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072698.D
Acq: 08 Jun 2022 12:04

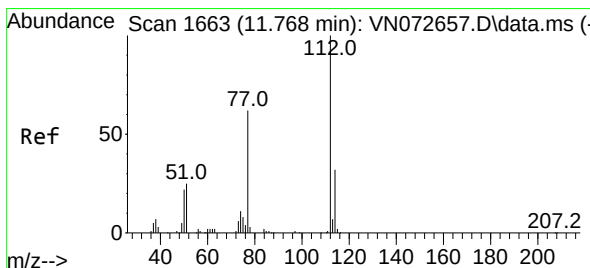
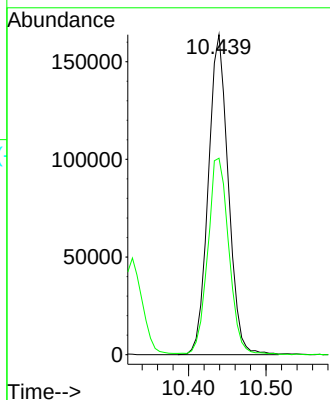
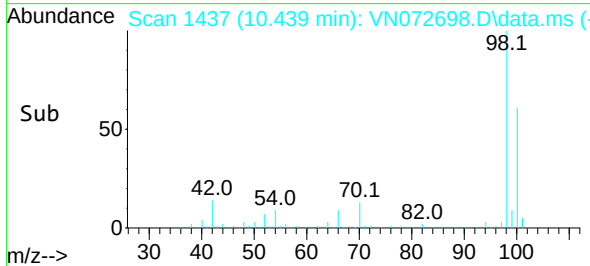
Instrument :
MSVOA_N
ClientSampleId :
VN0608WBS01



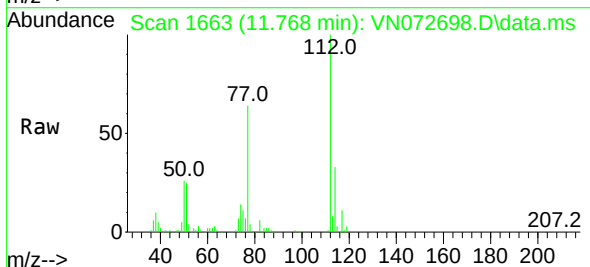
Tgt Ion: 98 Resp: 293810
Ion Ratio Lower Upper
98 100
100 64.9 50.6 76.0

Manual Integrations
APPROVED

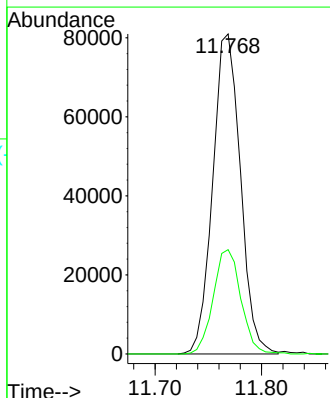
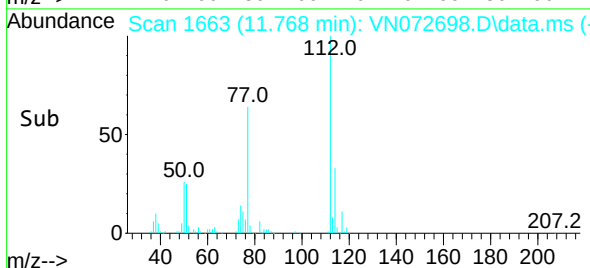
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022

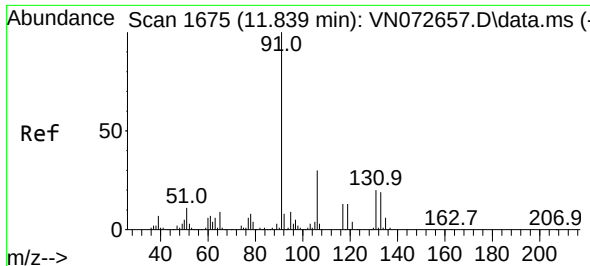


#64
Chlorobenzene
Concen: 20.031 ug/l
RT: 11.768 min Scan# 1663
Delta R.T. 0.000 min
Lab File: VN072698.D
Acq: 08 Jun 2022 12:04



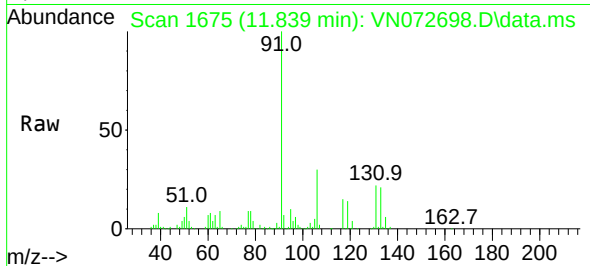
Tgt Ion:112 Resp: 145898
Ion Ratio Lower Upper
112 100
114 32.6 25.8 38.6





#65
1,1,1,2-Tetrachloroethane
Concen: 21.024 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN072698.D
Acq: 08 Jun 2022 12:04

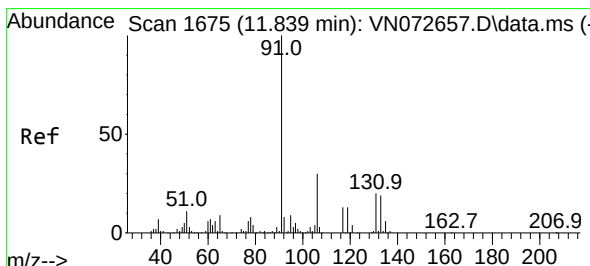
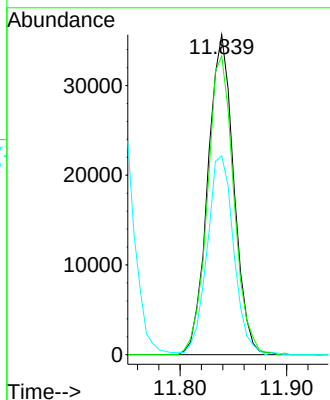
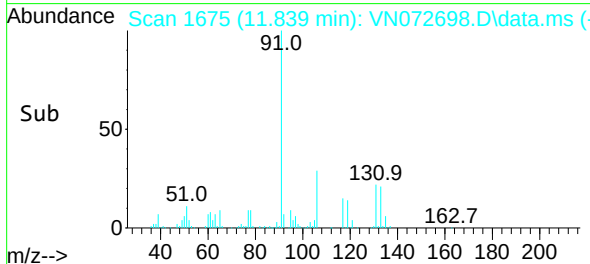
Instrument :
MSVOA_N
ClientSampleId :
VN0608WBS01



Tgt Ion:131 Resp: 60372
Ion Ratio Lower Upper
131 100
133 94.9 0.0 191.2
119 63.2 0.0 128.8

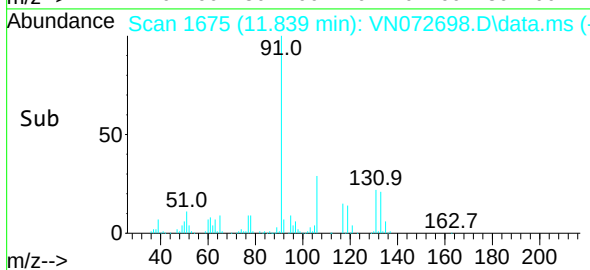
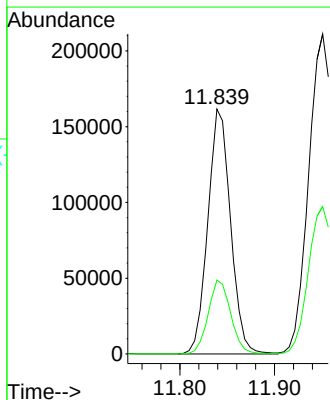
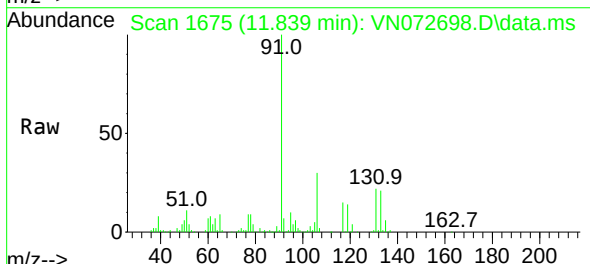
Manual Integrations
APPROVED

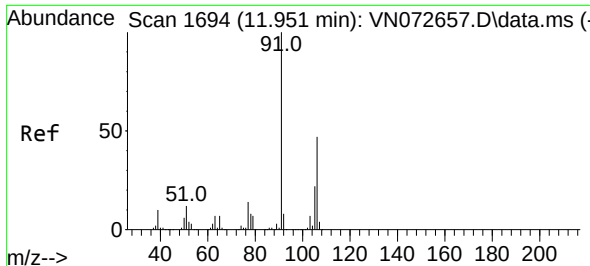
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#66
Ethyl Benzene
Concen: 19.614 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN072698.D
Acq: 08 Jun 2022 12:04

Tgt Ion: 91 Resp: 269388
Ion Ratio Lower Upper
91 100
106 30.2 24.0 36.0





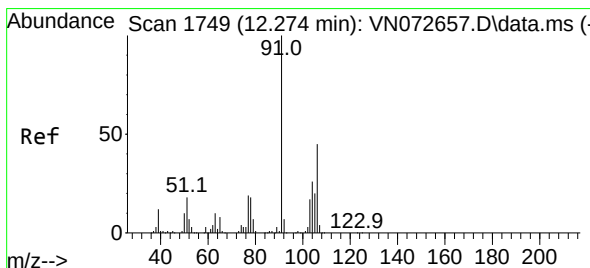
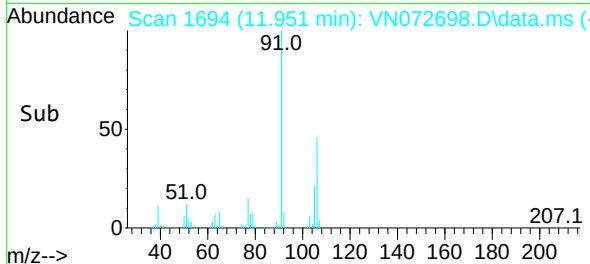
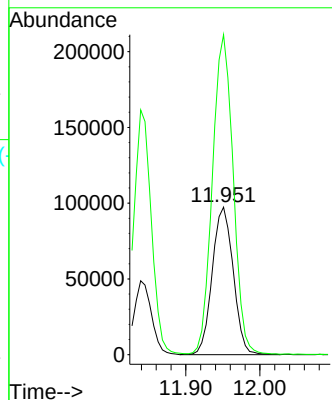
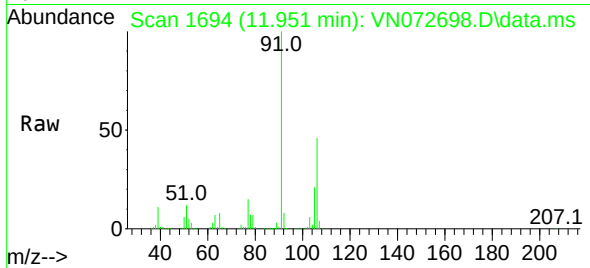
#67
m/p-Xylenes
Concen: 38.313 ug/l
RT: 11.951 min Scan# 11934
Delta R.T. 0.000 min
Lab File: VN072698.D
Acq: 08 Jun 2022 12:04

Instrument :
MSVOA_N
ClientSampleId :
VN0608WBS01

Tgt Ion:106 Resp: 191934
Ion Ratio Lower Upper
106 100
91 214.3 162.9 244.3

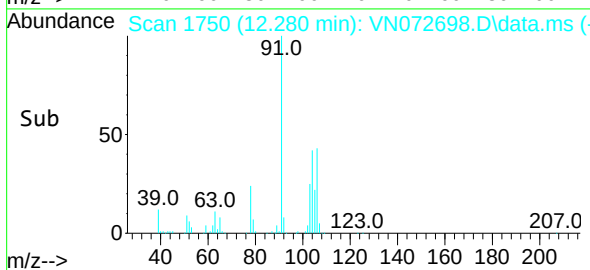
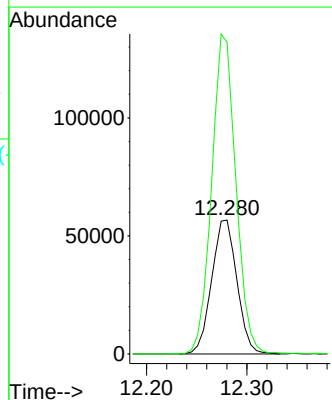
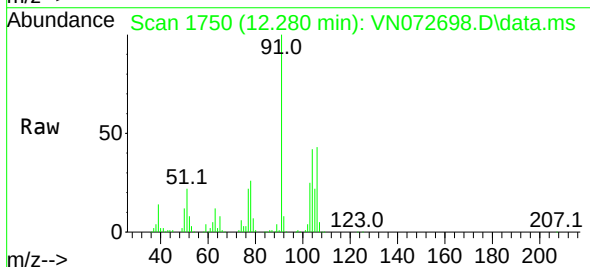
Manual Integrations
APPROVED

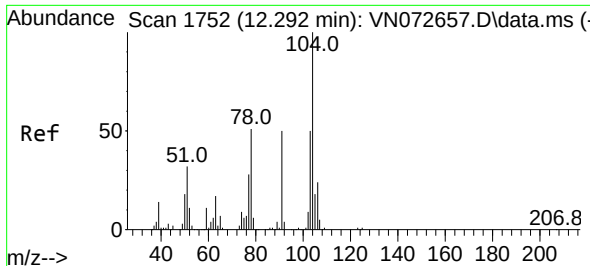
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#68
o-Xylene
Concen: 19.390 ug/l
RT: 12.280 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VN072698.D
Acq: 08 Jun 2022 12:04

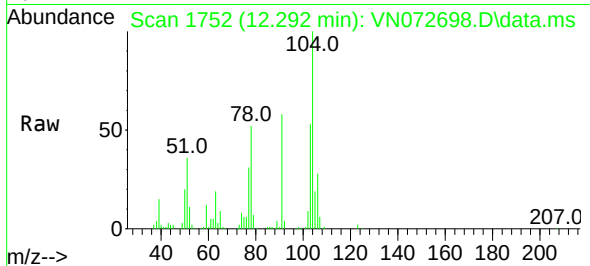
Tgt Ion:106 Resp: 99095
Ion Ratio Lower Upper
106 100
91 229.3 107.7 323.1





#69
Styrene
Concen: 19.171 ug/l
RT: 12.292 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VN072698.D
Acq: 08 Jun 2022 12:04

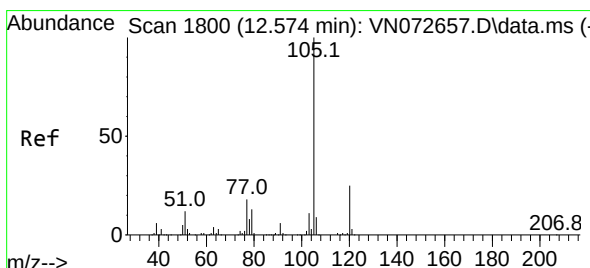
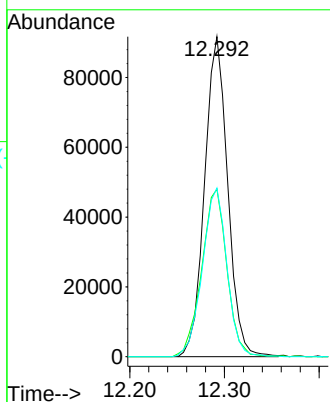
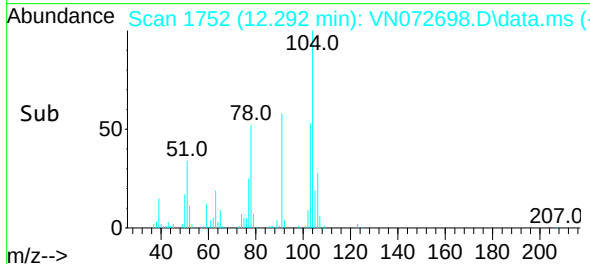
Instrument :
MSVOA_N
ClientSampleId :
VN0608WBS01



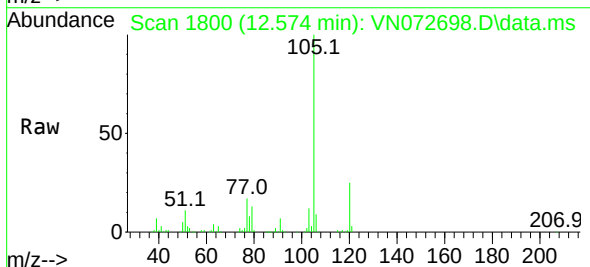
Tgt Ion:104 Resp: 15553
Ion Ratio Lower Upper
104 100
78 56.9 40.7 61.1
103 55.8 45.8 68.8

Manual Integrations
APPROVED

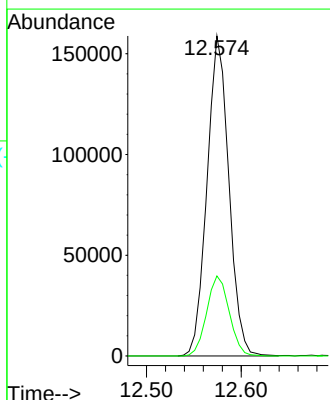
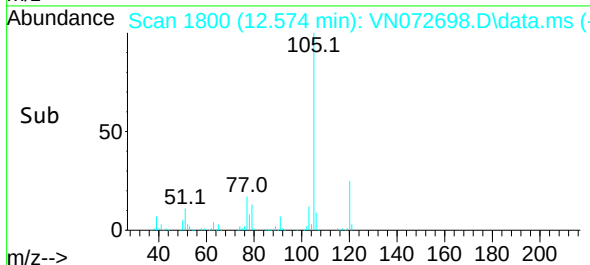
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022

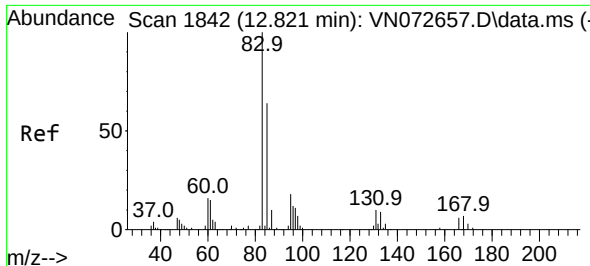


#70
Isopropylbenzene
Concen: 19.041 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. 0.000 min
Lab File: VN072698.D
Acq: 08 Jun 2022 12:04



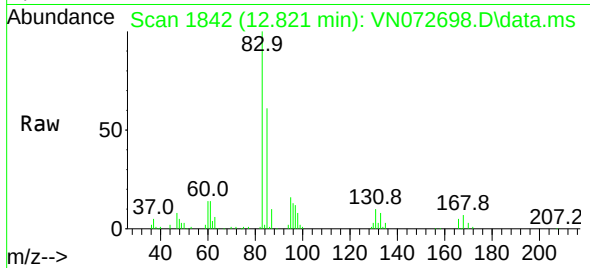
Tgt Ion:105 Resp: 254277
Ion Ratio Lower Upper
105 100
120 25.7 18.3 34.1





#71
1,1,2,2-Tetrachloroethane
Concen: 21.452 ug/l
RT: 12.821 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VN072698.D
Acq: 08 Jun 2022 12:04

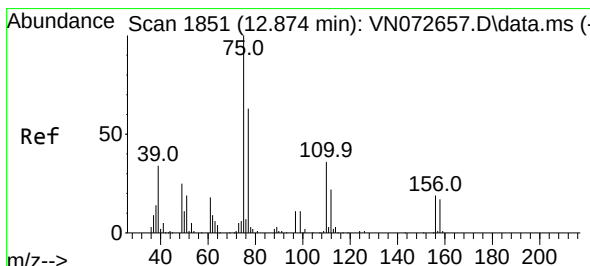
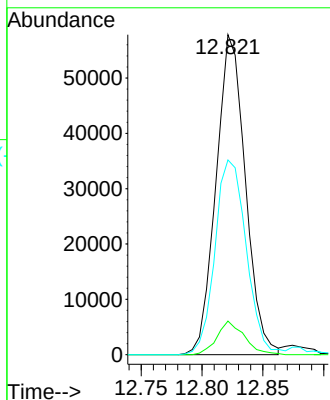
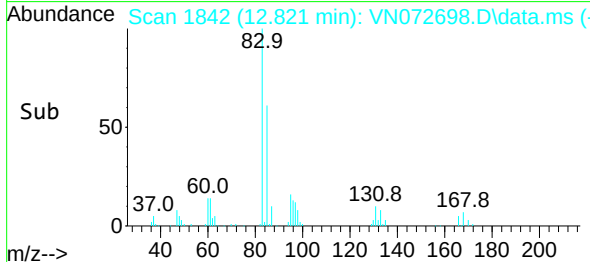
Instrument :
MSVOA_N
ClientSampleId :
VN0608WBS01



Tgt Ion: 83 Resp: 96972
Ion Ratio Lower Upper
83 100
131 9.8 5.1 15.3
85 65.0 33.1 99.2

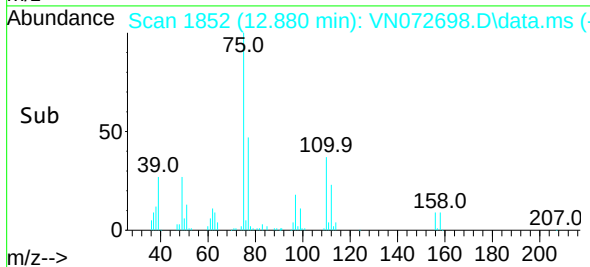
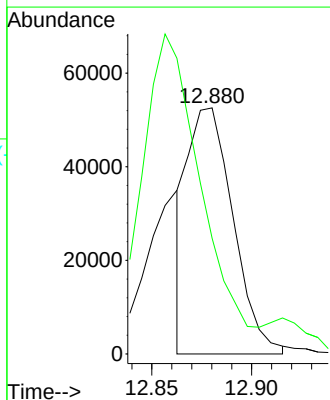
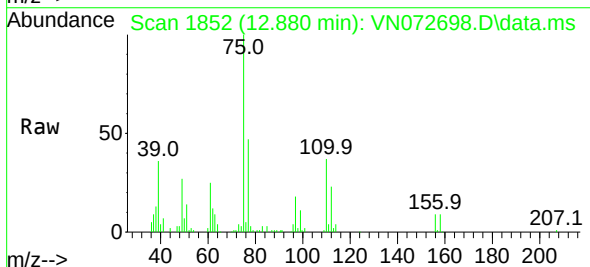
Manual Integrations
APPROVED

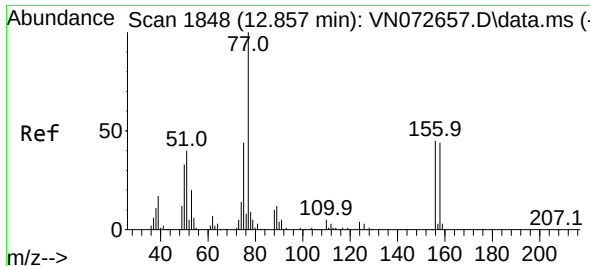
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#72
1,2,3-Trichloropropane
Concen: 21.126 ug/l m
RT: 12.880 min Scan# 1852
Delta R.T. 0.006 min
Lab File: VN072698.D
Acq: 08 Jun 2022 12:04

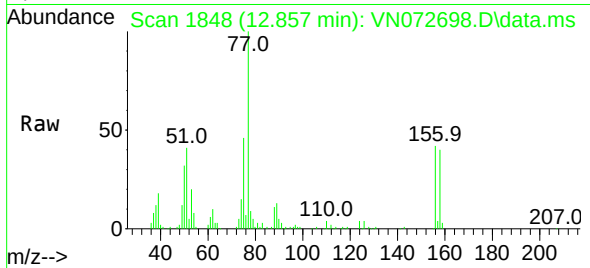
Tgt Ion: 75 Resp: 83343
Ion Ratio Lower Upper
75 100
77 171.2 0.0 378.0





#73
Bromobenzene
Concen: 19.071 ug/l
RT: 12.857 min Scan# 1848
Delta R.T. 0.000 min
Lab File: VN072698.D
Acq: 08 Jun 2022 12:04

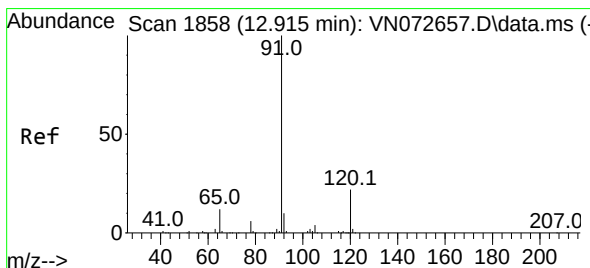
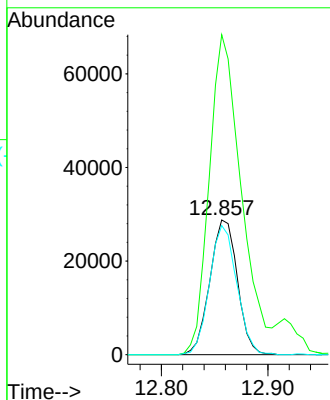
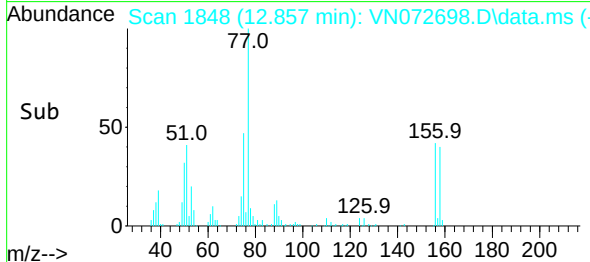
Instrument :
MSVOA_N
ClientSampleId :
VN0608WBS01



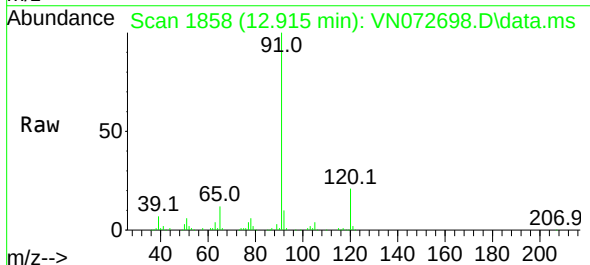
Tgt Ion:156 Resp: 51772
Ion Ratio Lower Upper
156 100
77 275.7 0.0 416.0
158 94.7 0.0 195.4

Manual Integrations
APPROVED

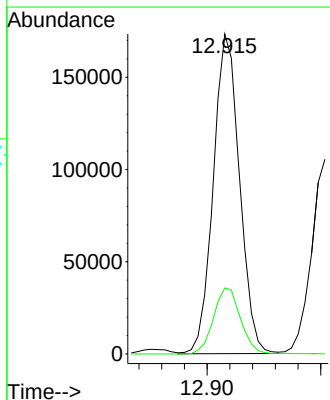
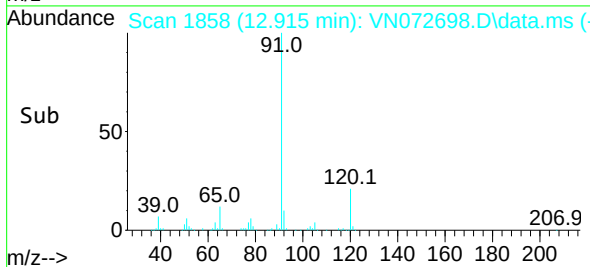
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022

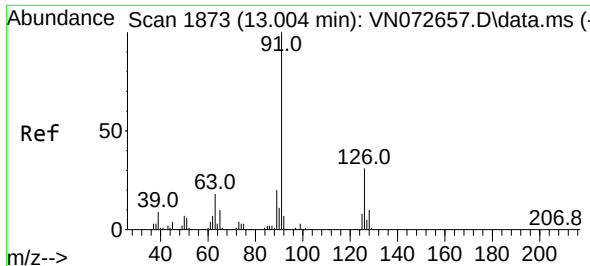


#74
n-propylbenzene
Concen: 18.177 ug/l
RT: 12.915 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN072698.D
Acq: 08 Jun 2022 12:04



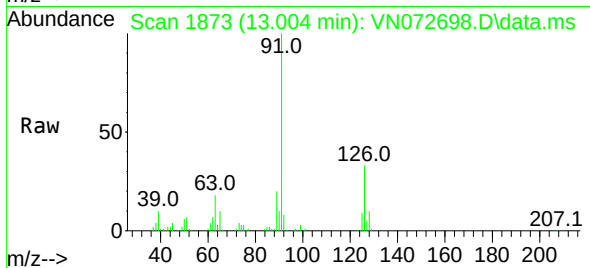
Tgt Ion: 91 Resp: 277766
Ion Ratio Lower Upper
91 100
120 21.2 0.0 45.0





#75
2-Chlorotoluene
Concen: 19.104 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. 0.000 min
Lab File: VN072698.D
Acq: 08 Jun 2022 12:04

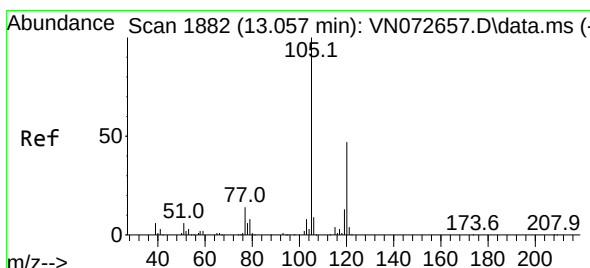
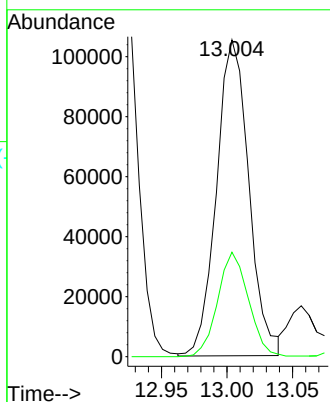
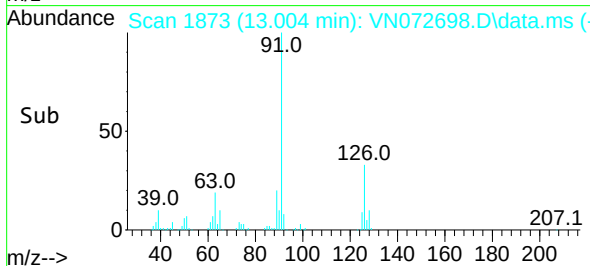
Instrument :
MSVOA_N
ClientSampleId :
VN0608WBS01



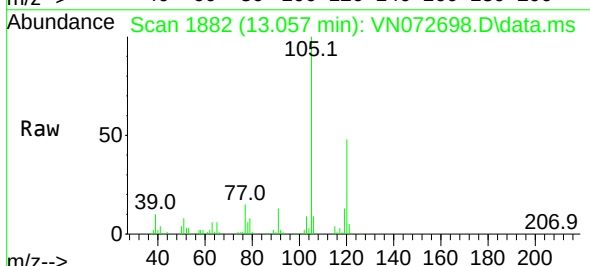
Tgt Ion: 91 Resp: 18095
Ion Ratio Lower Upper
91 100
126 31.4 0.0 69.8

Manual Integrations
APPROVED

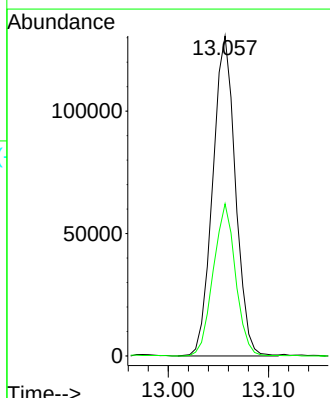
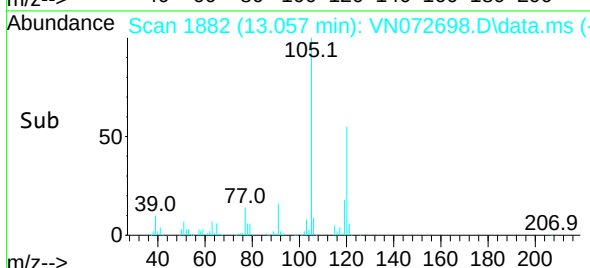
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022

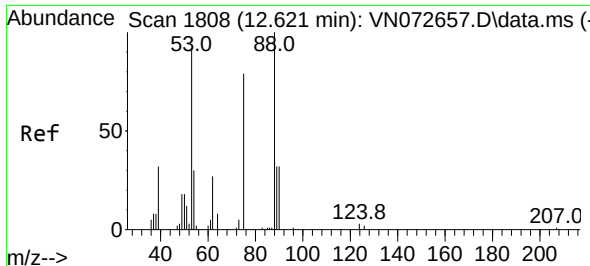


#76
1,3,5-Trimethylbenzene
Concen: 18.730 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. 0.000 min
Lab File: VN072698.D
Acq: 08 Jun 2022 12:04



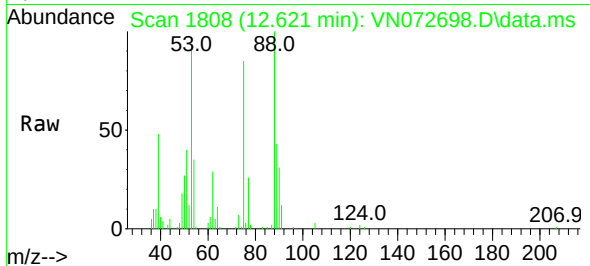
Tgt Ion:105 Resp: 205301
Ion Ratio Lower Upper
105 100
120 46.6 0.0 93.8





#77
t-1,4-Dichloro-2-butene
Concen: 18.547 ug/l
RT: 12.621 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VN072698.D
Acq: 08 Jun 2022 12:04

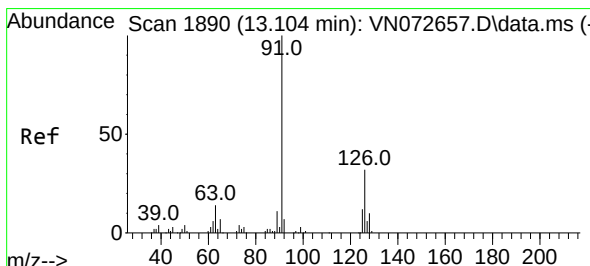
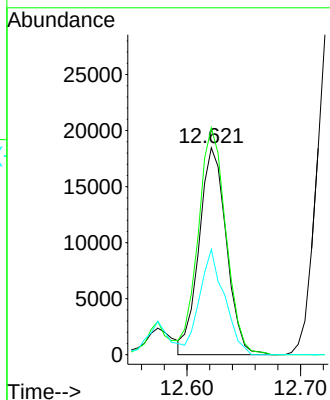
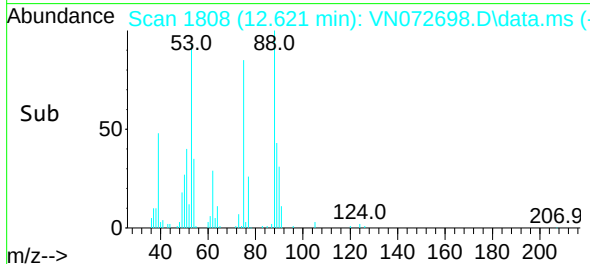
Instrument :
MSVOA_N
ClientSampleId :
VN0608WBS01



Tgt Ion: 75 Resp: 30839
Ion Ratio Lower Upper
75 100
53 109.7 51.8 155.5
89 50.9 22.9 68.7

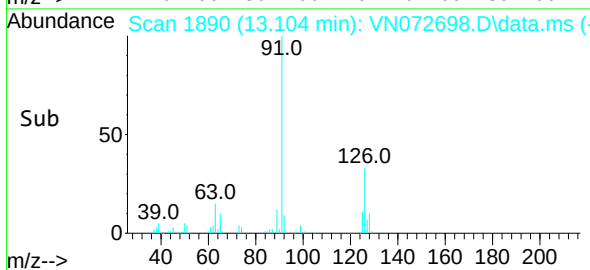
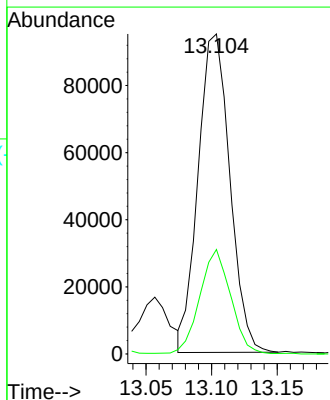
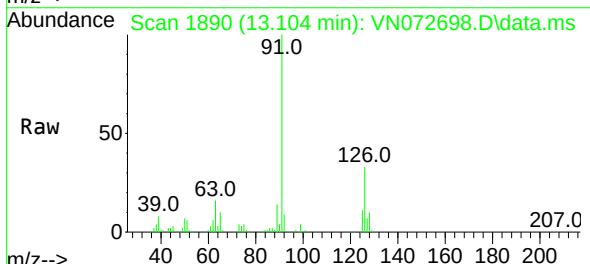
Manual Integrations
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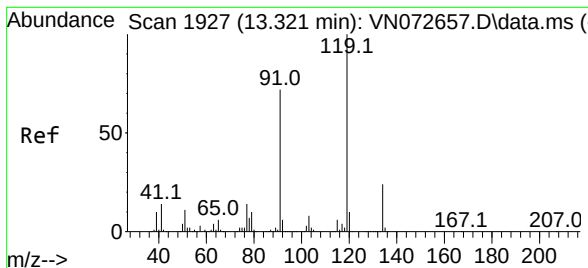
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#78
4-Chlorotoluene
Concen: 17.833 ug/l
RT: 13.104 min Scan# 1890
Delta R.T. 0.000 min
Lab File: VN072698.D
Acq: 08 Jun 2022 12:04

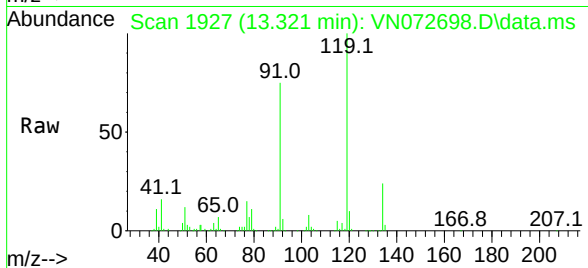
Tgt Ion: 91 Resp: 159573
Ion Ratio Lower Upper
91 100
126 32.0 0.0 70.6





#79
tert-butylbenzene
Concen: 18.190 ug/l
RT: 13.321 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VN072698.D
Acq: 08 Jun 2022 12:04

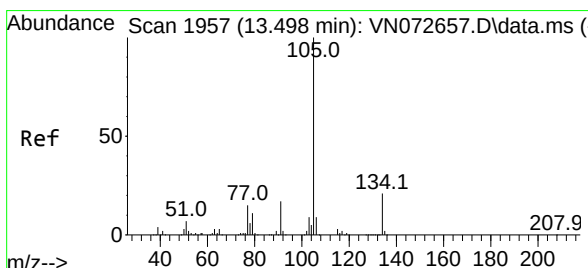
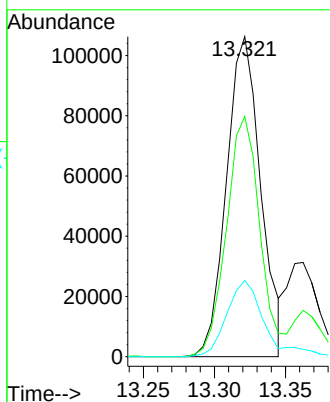
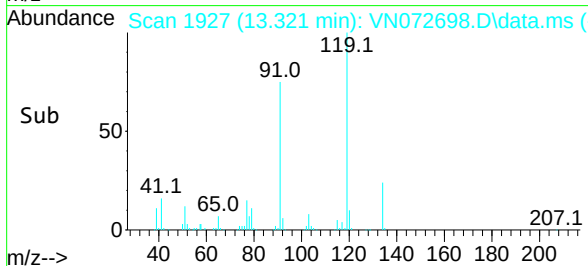
Instrument :
MSVOA_N
ClientSampleId :
VN0608WBS01



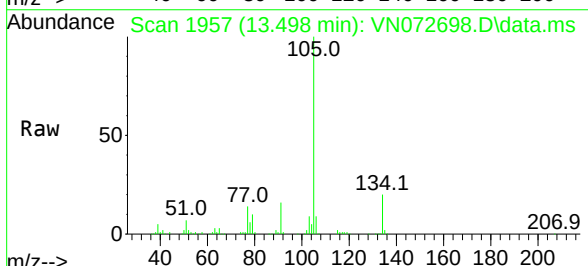
Tgt Ion:119 Resp: 177997
Ion Ratio Lower Upper
119 100
91 74.0 0.0 137.0
134 23.7 0.0 47.6

Manual Integrations
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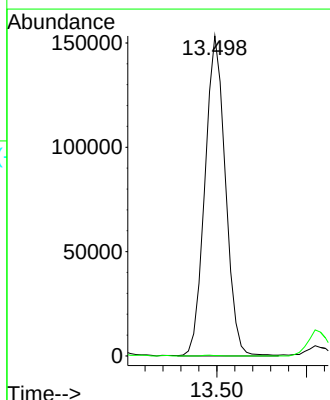
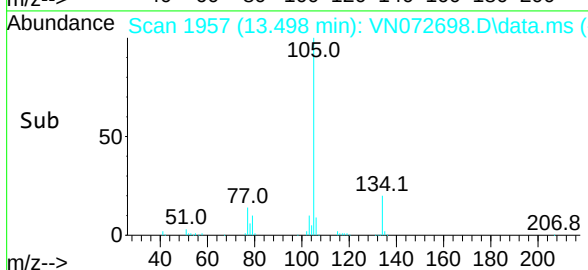
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022

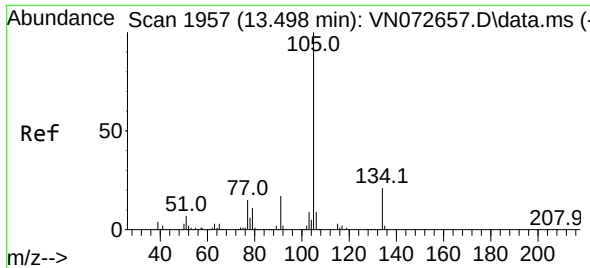


#80
1,2,4-Trimethylbenzene
Concen: 18.410 ug/l
RT: 13.498 min Scan# 1957
Delta R.T. 0.000 min
Lab File: VN072698.D
Acq: 08 Jun 2022 12:04



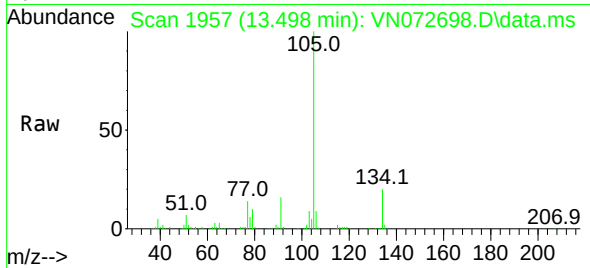
Tgt Ion:105 Resp: 243315
Ion Ratio Lower Upper
105 100
120 0.2 0.0 0.2





#81
 sec-Butylbenzene
 Concen: 18.410 ug/l
 RT: 13.498 min Scan# 1957
 Delta R.T. 0.000 min
 Lab File: VN072698.D
 Acq: 08 Jun 2022 12:04

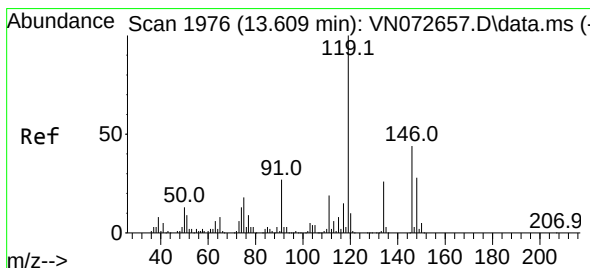
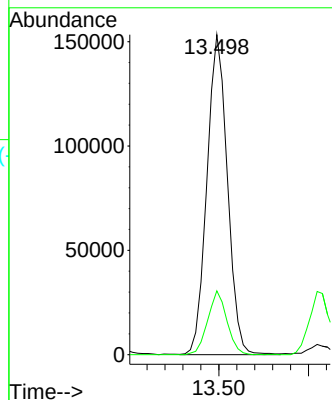
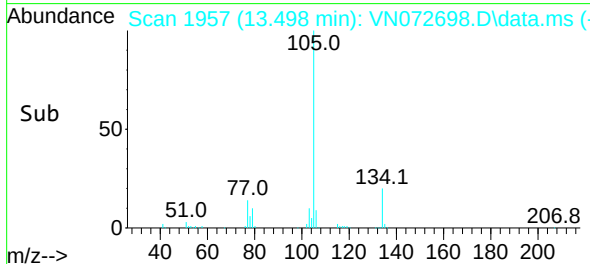
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0608WBS01



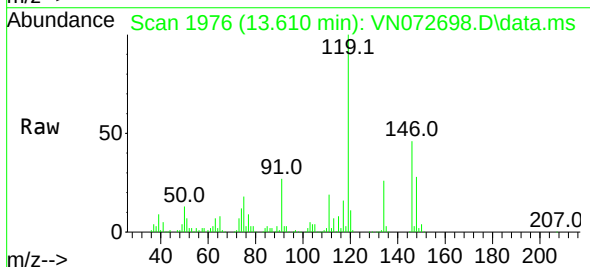
Tgt Ion:105 Resp: 24331
 Ion Ratio Lower Upper
 105 100
 134 18.6 0.0 39.4

Manual Integrations
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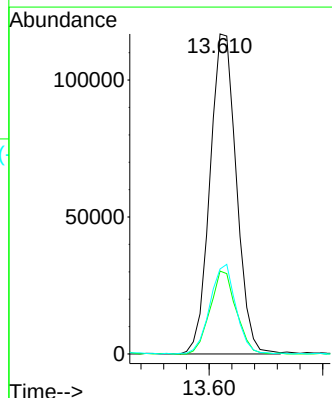
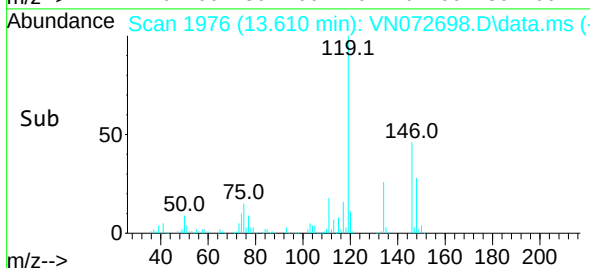
Reviewed By :John Carlone 06/09/2022
 Supervised By :Mahesh Dadoda 06/09/2022

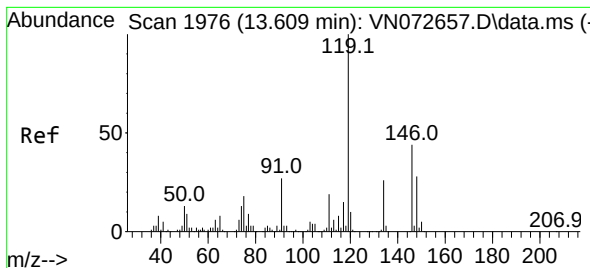


#82
 p-Isopropyltoluene
 Concen: 17.882 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. 0.000 min
 Lab File: VN072698.D
 Acq: 08 Jun 2022 12:04



Tgt Ion:119 Resp: 188663
 Ion Ratio Lower Upper
 119 100
 134 25.6 0.0 51.8
 91 27.5 0.0 50.4





#83

1,3-Dichlorobenzene

Concen: 18.805 ug/l

RT: 13.610 min Scan# 1976

Delta R.T. 0.000 min

Lab File: VN072698.D

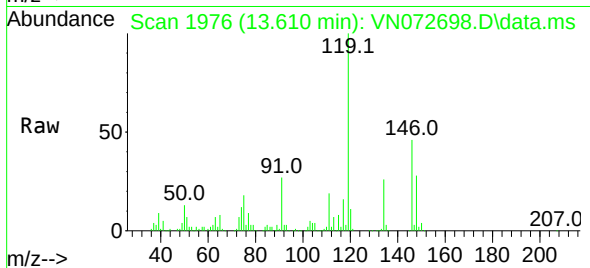
Acq: 08 Jun 2022 12:04

Instrument :

MSVOA_N

ClientSampleId :

VN0608WBS01



Tgt Ion:146 Resp: 8937

Ion Ratio Lower Upper

146 100

111 43.4 20.8 62.2

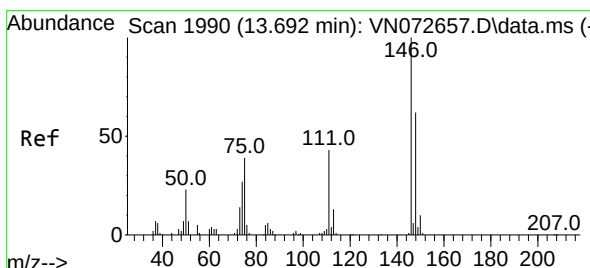
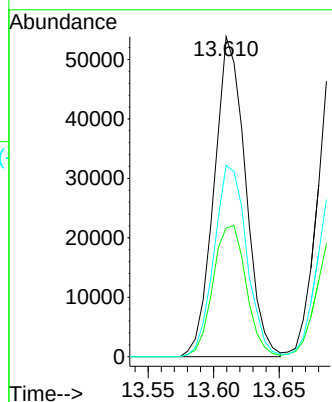
148 62.4 31.4 94.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/09/2022

Supervised By :Mahesh Dadoda 06/09/2022



#84

1,4-Dichlorobenzene

Concen: 18.270 ug/l

RT: 13.692 min Scan# 1990

Delta R.T. 0.000 min

Lab File: VN072698.D

Acq: 08 Jun 2022 12:04

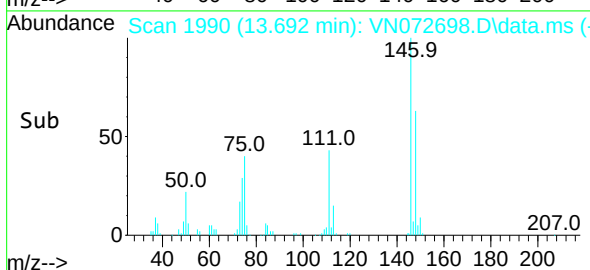
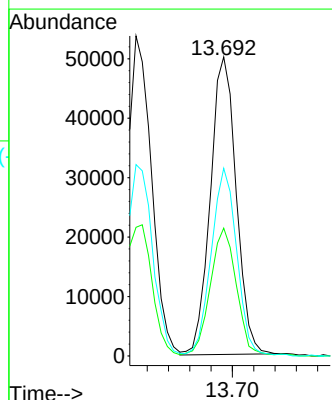
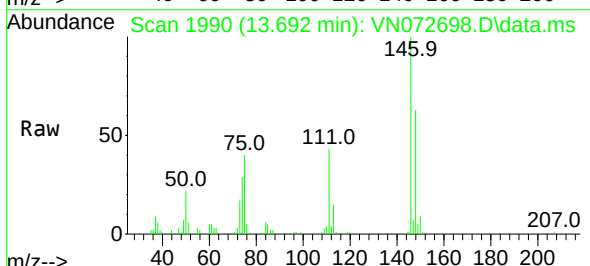
Tgt Ion:146 Resp: 84305

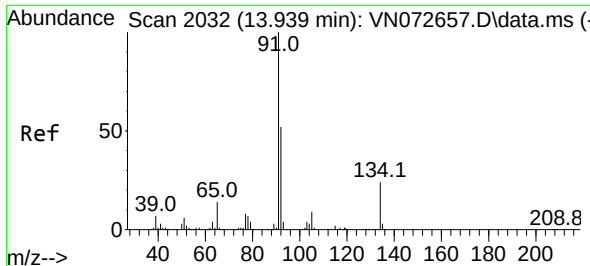
Ion Ratio Lower Upper

146 100

111 43.6 19.5 58.5

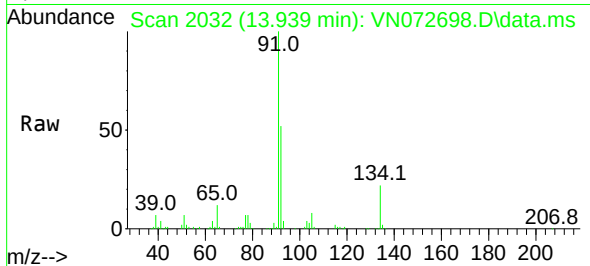
148 62.4 31.1 93.5





#85
n-Butylbenzene
Concen: 17.278 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VN072698.D
Acq: 08 Jun 2022 12:04

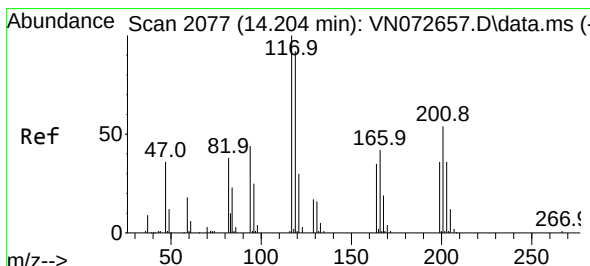
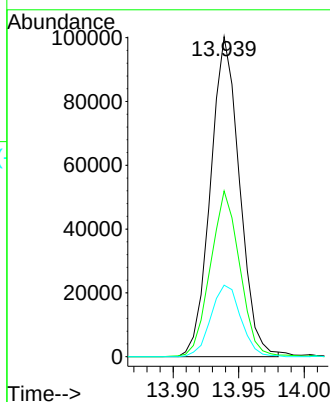
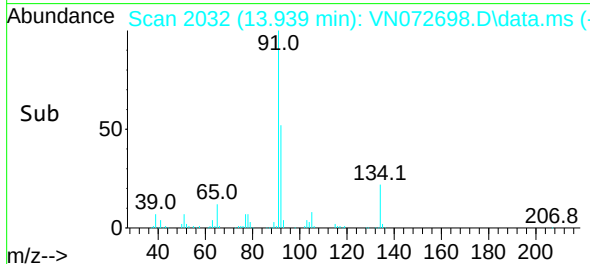
Instrument :
MSVOA_N
ClientSampleId :
VN0608WBS01



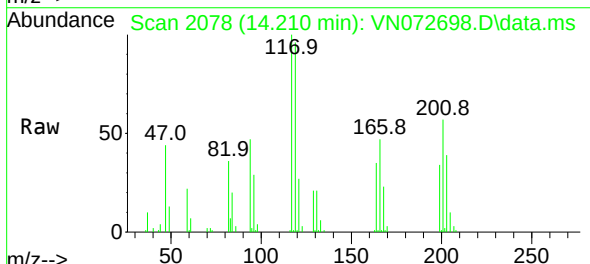
Tgt Ion: 91 Resp: 154559
Ion Ratio Lower Upper
91 100
92 52.5 0.0 100.6
134 23.1 0.0 50.2

Manual Integrations
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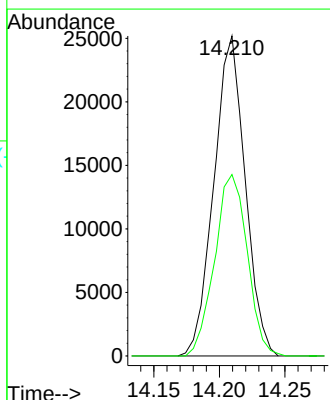
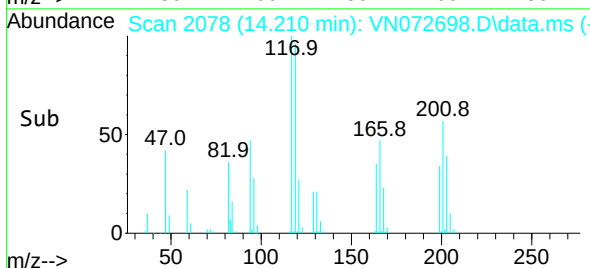
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022

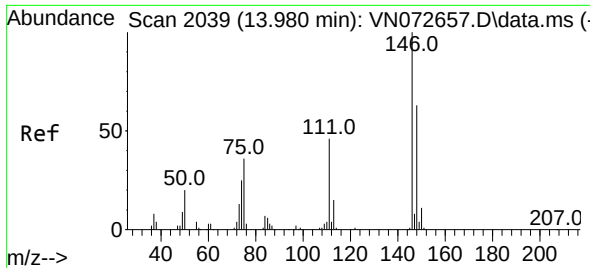


#86
Hexachloroethane
Concen: 17.902 ug/l
RT: 14.210 min Scan# 2078
Delta R.T. 0.006 min
Lab File: VN072698.D
Acq: 08 Jun 2022 12:04



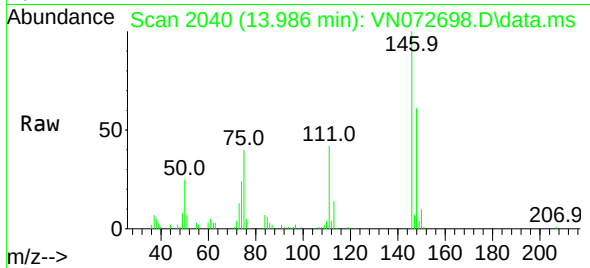
Tgt Ion:117 Resp: 41794
Ion Ratio Lower Upper
117 100
201 59.1 33.3 99.8





#87
1,2-Dichlorobenzene
Concen: 19.265 ug/l
RT: 13.986 min Scan# 2039
Delta R.T. 0.006 min
Lab File: VN072698.D
Acq: 08 Jun 2022 12:04

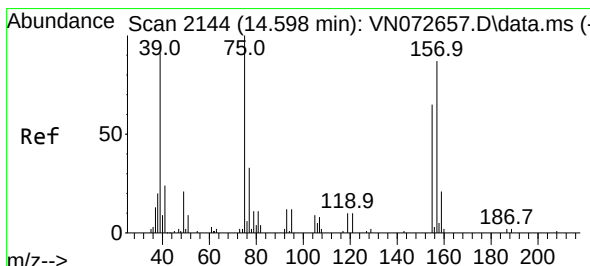
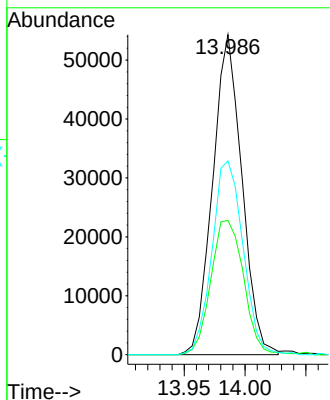
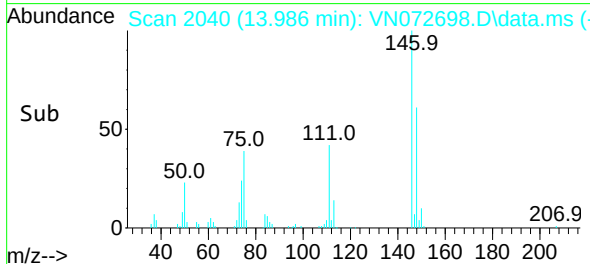
Instrument :
MSVOA_N
ClientSampleId :
VN0608WBS01



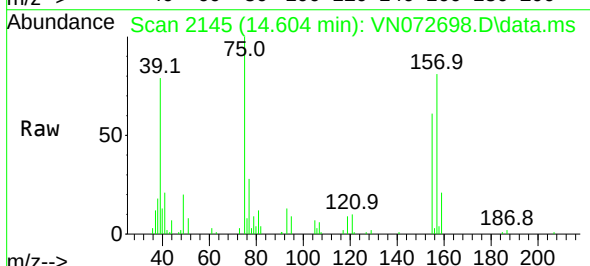
Tgt Ion:146 Resp: 9061
Ion Ratio Lower Upper
146 100
111 46.9 21.4 64.2
148 64.4 32.5 97.4

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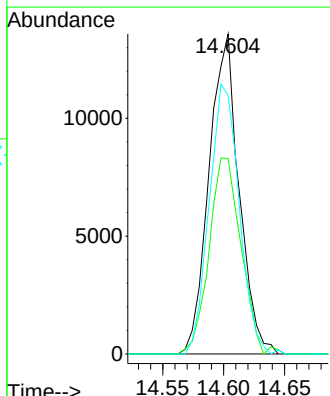
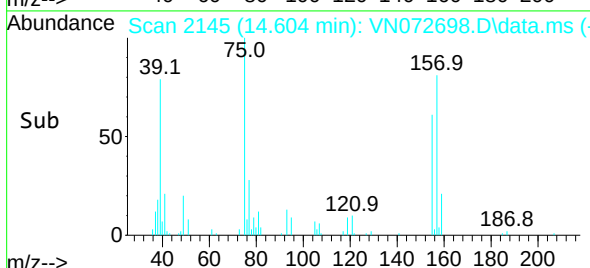
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022

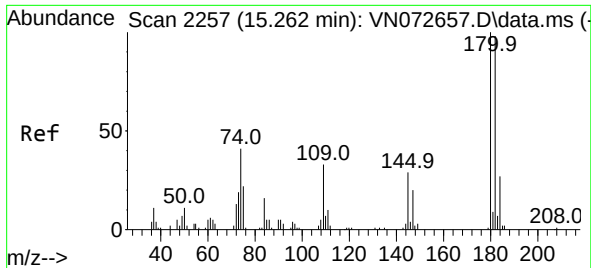


#88
1,2-Dibromo-3-Chloropropane
Concen: 20.476 ug/l
RT: 14.604 min Scan# 2145
Delta R.T. 0.006 min
Lab File: VN072698.D
Acq: 08 Jun 2022 12:04



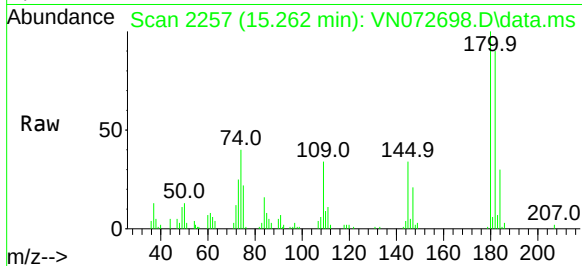
Tgt Ion: 75 Resp: 23208
Ion Ratio Lower Upper
75 100
155 64.7 63.8 95.8
157 84.2 77.9 116.9





#89
1,2,4-Trichlorobenzene
Concen: 17.371 ug/l
RT: 15.262 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VN072698.D
Acq: 08 Jun 2022 12:04

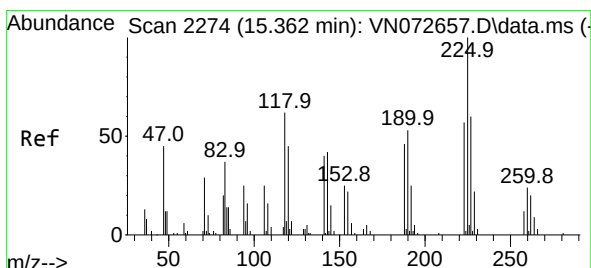
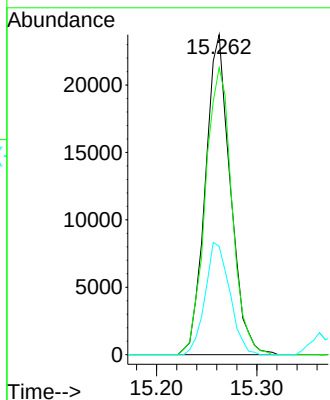
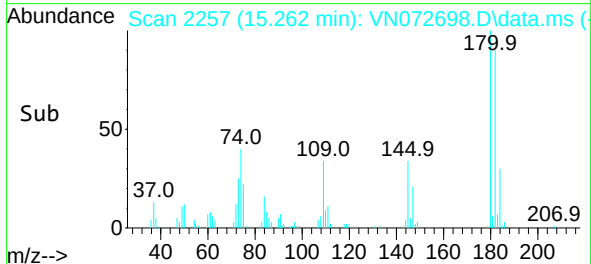
Instrument :
MSVOA_N
ClientSampleId :
VN0608WBS01



Tgt Ion:180 Resp: 41172
Ion Ratio Lower Upper
180 100
182 95.1 77.7 116.5
145 34.5 26.6 39.8

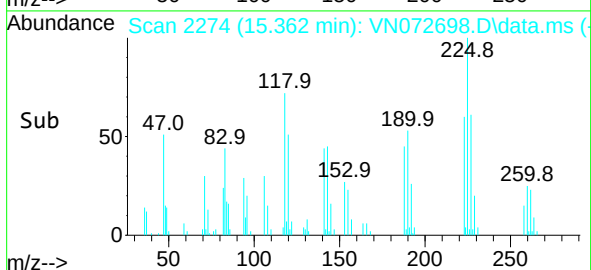
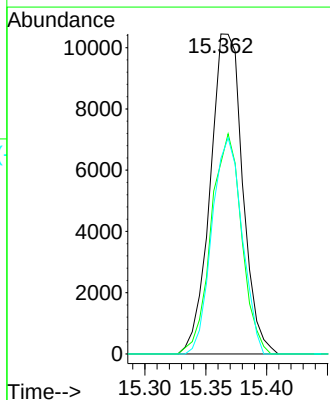
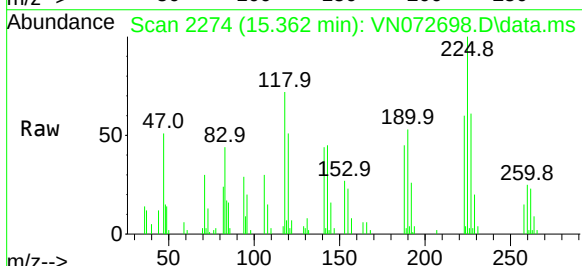
Manual Integrations
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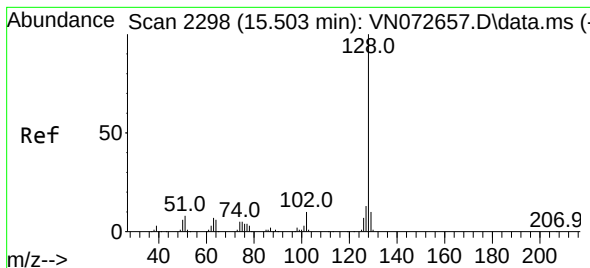
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#90
Hexachlorobutadiene
Concen: 18.166 ug/l
RT: 15.362 min Scan# 2274
Delta R.T. 0.000 min
Lab File: VN072698.D
Acq: 08 Jun 2022 12:04

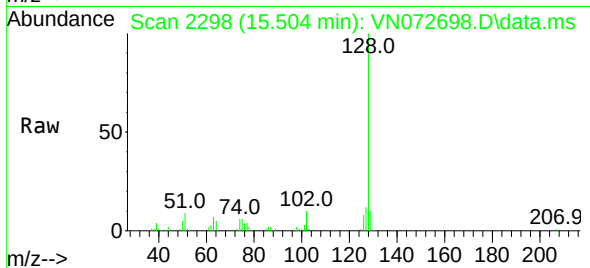
Tgt Ion:225 Resp: 19317
Ion Ratio Lower Upper
225 100
223 64.9 0.0 126.8
227 62.7 0.0 123.0





#91
Naphthalene
Concen: 17.564 ug/l
RT: 15.504 min Scan# 2298
Delta R.T. 0.000 min
Lab File: VN072698.D
Acq: 08 Jun 2022 12:04

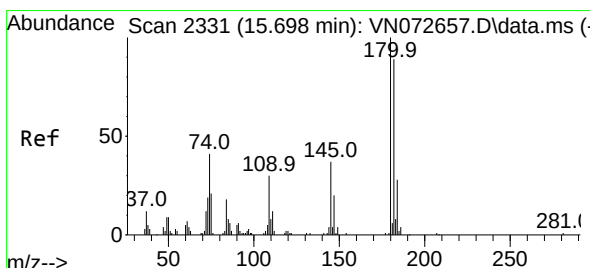
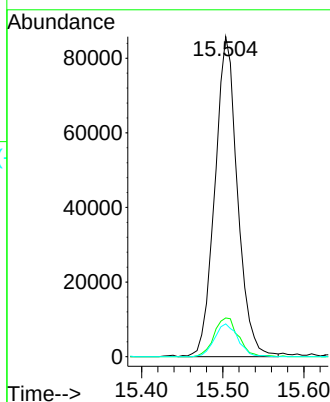
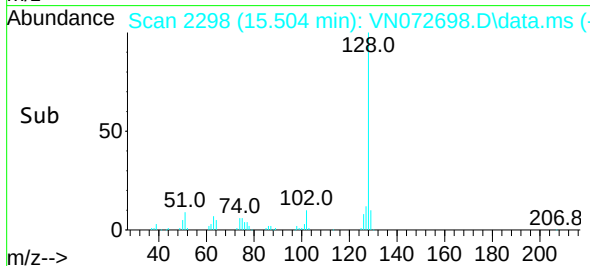
Instrument :
MSVOA_N
ClientSampleId :
VN0608WBS01



Tgt Ion:128 Resp: 166110
Ion Ratio Lower Upper
128 100
127 12.9 10.7 16.1
129 10.7 9.0 13.6

Manual Integrations
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Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#92
1,2,3-Trichlorobenzene
Concen: 17.980 ug/l
RT: 15.698 min Scan# 2331
Delta R.T. 0.000 min
Lab File: VN072698.D
Acq: 08 Jun 2022 12:04

Tgt Ion:180 Resp: 43353
Ion Ratio Lower Upper
180 100
182 93.5 0.0 190.0
145 35.9 0.0 67.8

