

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062422\
 Data File : VN073096.D
 Acq On : 24 Jun 2022 20:38
 Operator : JC\MD
 Sample : VSTDC0020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0020EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/25/2022
 Supervised By : Mahesh Dadoda 06/28/2022

Quant Time: Jun 24 23:34:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N062322W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jun 24 04:54:59 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.587	128	38676	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.904	114	217698	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.680	117	192883	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.369	65	110593	29.662	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	98.867%		
60) 4-Bromofluorobenzene	12.669	95	107925	29.246	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	97.500%		
63) Toluene-d8	10.375	98	322718	30.897	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	103.000%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.046	85	61924	20.295	ug/l	99
3) Chloromethane	2.263	50	54666	18.855	ug/l	94
4) Vinyl Chloride	2.405	62	50559	19.484	ug/l	99
5) Bromomethane	2.810	94	20576	24.080	ug/l	99
6) Chloroethane	2.969	64	30033	18.757	ug/l	93
7) Trichlorofluoromethane	3.322	101	80120	17.009	ug/l	97
8) Diethyl Ether	3.775	74	37528	19.467	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.152	101	51347	19.731	ug/l	70
10) 1,1-Dichloroethene	4.116	96	50744	19.053	ug/l	94
11) Methyl Iodide	4.352	142	47072	18.528	ug/l	91
12) Methyl Acetate	4.781	43	105674m	19.054	ug/l	
13) Acrolein	3.987	56	63957	114.409	ug/l	97
14) Acrylonitrile	5.481	53	216323	102.379	ug/l	98
15) Acetone	4.228	58	58442	100.272	ug/l	97
16) Carbon Disulfide	4.457	76	130269	18.549	ug/l	100
17) Allyl chloride	4.763	41	103113	20.398	ug/l	81
18) Methylene Chloride	5.016	84	61762	19.445	ug/l	95
19) trans-1,2-Dichloroethene	5.516	96	53884	19.173	ug/l	95
20) Diisopropyl ether	6.416	45	206996	19.462	ug/l #	91
21) 1,1-Dichloroethane	6.304	63	106611	19.104	ug/l	97
22) cis-1,2-Dichloroethene	7.251	96	63969	19.142	ug/l	98
23) tert-Butyl Alcohol	5.293	59	83006	96.208	ug/l #	100
24) Methyl tert-Butyl Ether	5.534	73	187651	18.888	ug/l #	85
25) Chloroform	7.751	83	106521	19.181	ug/l	100
26) Cyclohexane	8.022	56	92105	18.851	ug/l #	93
29) 1,1-Dichloropropene	8.151	75	74468	18.920	ug/l	98
30) 2-Butanone	7.263	43	316519	104.418	ug/l	93
31) 2,2-Dichloropropane	7.245	77	65900	34.205	ug/l	98
32) 1,1,1-Trichloroethane	7.945	97	93337	19.299	ug/l	97
33) Carbon Tetrachloride	8.134	117	77750	19.013	ug/l	97
34) Benzene	8.392	78	246742	20.140	ug/l	98
35) Methacrylonitrile	7.563	41	54857	20.342	ug/l	89
36) 1,2-Dichloroethane	8.463	62	87290	19.225	ug/l	97
37) Trichloroethene	9.151	130	58607	19.223	ug/l	93
38) Methylcyclohexane	9.392	83	88740	19.036	ug/l	91
39) 1,2-Dichloropropane	9.422	63	62121	19.610	ug/l	96
40) Dibromomethane	9.516	93	42234	19.702	ug/l	95
41) Bromodichloromethane	9.698	83	82893	19.220	ug/l #	94
42) Vinyl Acetate	6.357	43	942598	100.572	ug/l	99

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 Data File : VN073096.D
 Acq On : 24 Jun 2022 20:38
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/25/2022
 Supervised By : Mahesh Dadoda 06/28/2022

Quant Time: Jun 24 23:34:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N062322W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jun 24 04:54:59 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.340	43	113241	19.836	ug/l	99
44) Isopropyl Acetate	8.492	43	178973	20.302	ug/l	98
45) 1,4-Dioxane	9.510	88	33457	425.998	ug/l	89
46) Methyl methacrylate	9.498	41	77523	19.326	ug/l	79
47) n-amyl Acetate	12.327	43	137629	19.481	ug/l	98
48) t-1,3-Dichloropropene	10.657	75	81795	20.278	ug/l	95
49) cis-1,3-Dichloropropene	10.128	75	91547	20.958	ug/l	98
50) 1,1,2-Trichloroethane	10.839	97	59742	19.238	ug/l	98
51) Ethyl methacrylate	10.698	69	98464	18.723	ug/l	86
52) 1,3-Dichloropropane	10.980	76	104720	19.605	ug/l	98
53) Dibromochloromethane	11.175	129	60370	18.698	ug/l	97
54) 1,2-Dibromoethane	11.280	107	61437	18.835	ug/l	93
55) 2-Chloroethyl vinyl ether	9.981	63	260838	116.113	ug/l	99
56) Bromoform	12.398	173	41114	17.383	ug/l #	98
58) 4-Methyl-2-Pentanone	10.269	43	592698	105.648	ug/l	97
59) 2-Hexanone	11.022	43	461082	107.601	ug/l	98
61) Tetrachloroethene	10.916	164	51094	20.488	ug/l #	87
62) Toluene	10.439	91	255192	19.903	ug/l	97
64) Chlorobenzene	11.710	112	148436	19.240	ug/l	96
65) 1,1,1,2-Tetrachloroethane	11.780	131	56781	19.375	ug/l	99
66) Ethyl Benzene	11.780	91	273300	19.347	ug/l	97
67) m/p-Xylenes	11.892	106	206909	39.074	ug/l	99
68) o-Xylene	12.216	106	103672	19.387	ug/l	97
69) Styrene	12.233	104	164576	19.227	ug/l	99
70) Isopropylbenzene	12.516	105	263842	19.281	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.769	83	93484	19.787	ug/l	99
72) 1,2,3-Trichloropropane	12.816	75	78685m	21.720	ug/l	
73) Bromobenzene	12.798	156	61160	19.164	ug/l	93
74) n-propylbenzene	12.857	91	297155	19.165	ug/l	100
75) 2-Chlorotoluene	12.945	91	186272	19.210	ug/l	96
76) 1,3,5-Trimethylbenzene	12.998	105	215202	18.921	ug/l	96
77) t-1,4-Dichloro-2-butene	12.563	75	25695	22.487	ug/l	95
78) 4-Chlorotoluene	13.039	91	175464	18.810	ug/l	95
79) tert-butylbenzene	13.257	119	194938	19.386	ug/l	96
80) 1,2,4-Trimethylbenzene	13.439	105	260050	23.305	ug/l	100
81) sec-Butylbenzene	13.439	105	260050	19.186	ug/l	100
82) p-Isopropyltoluene	13.551	119	211057	19.172	ug/l	98
83) 1,3-Dichlorobenzene	13.551	146	105479	18.777	ug/l	99
84) 1,4-Dichlorobenzene	13.633	146	106139	18.907	ug/l	99
85) n-Butylbenzene	13.880	91	163302	18.230	ug/l	96
86) Hexachloroethane	14.145	117	39778	18.456	ug/l	97
87) 1,2-Dichlorobenzene	13.921	146	113328	19.281	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.539	75	22851	18.983	ug/l	94
89) 1,2,4-Trichlorobenzene	15.192	180	54685	17.708	ug/l	96
90) Hexachlorobutadiene	15.298	225	23760	19.084	ug/l	97
91) Naphthalene	15.433	128	227447	18.874	ug/l	98
92) 1,2,3-Trichlorobenzene	15.621	180	58991	18.775	ug/l	99

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

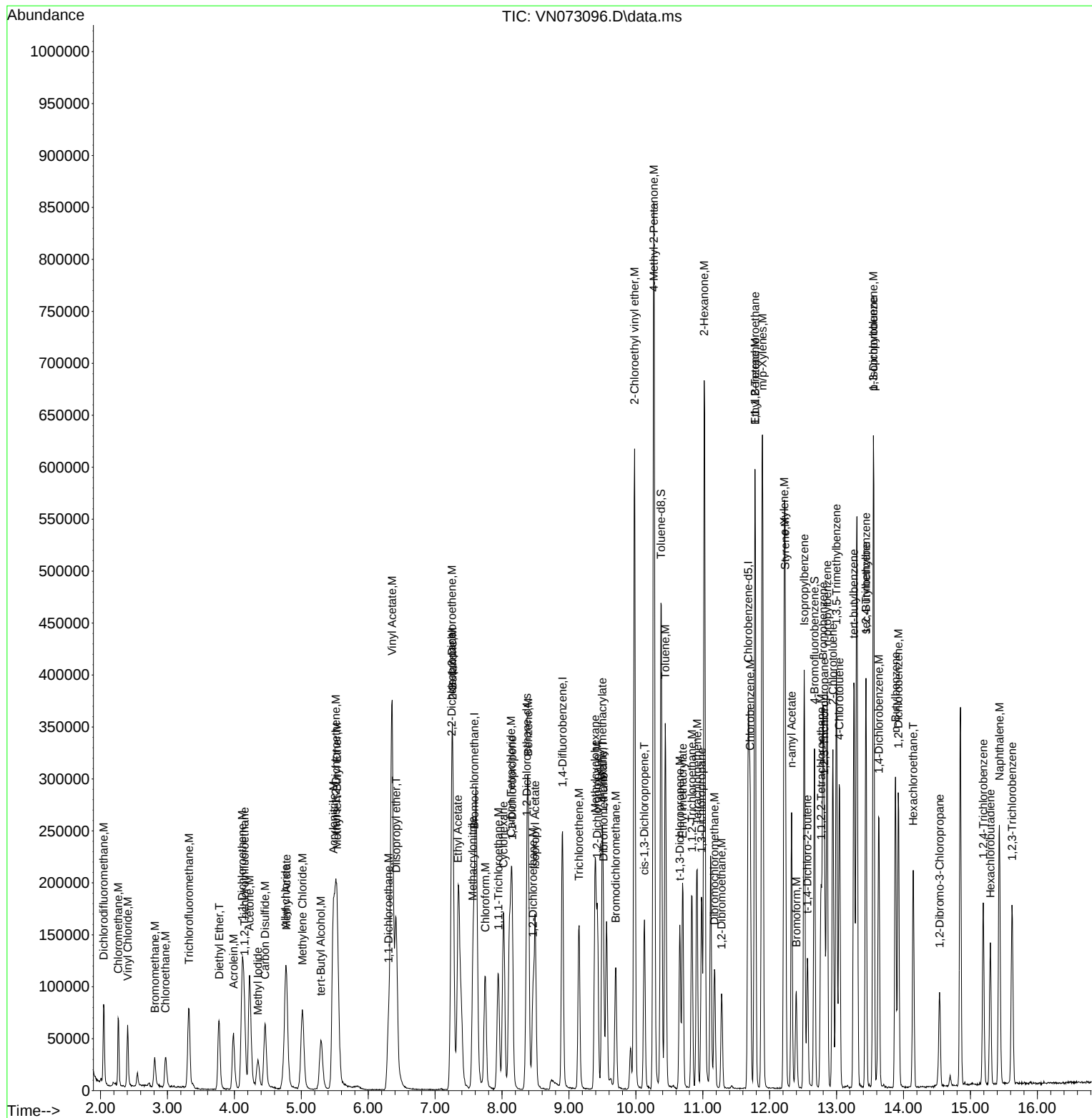
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 Data File : VN073096.D
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 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

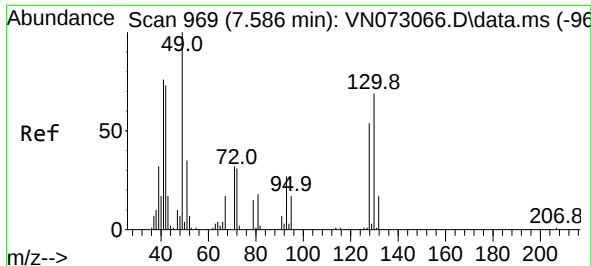
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Quant Time: Jun 24 23:34:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N062322W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jun 24 04:54:59 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

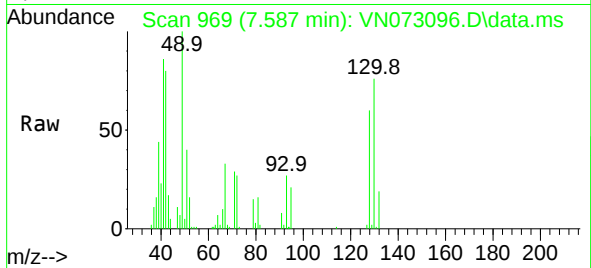
Reviewed By : John Carlone 06/25/2022
 Supervised By : Mahesh Dadoda 06/28/2022





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.587 min Scan# 969
Delta R.T. 0.001 min
Lab File: VN073096.D
Acq: 24 Jun 2022 20:38

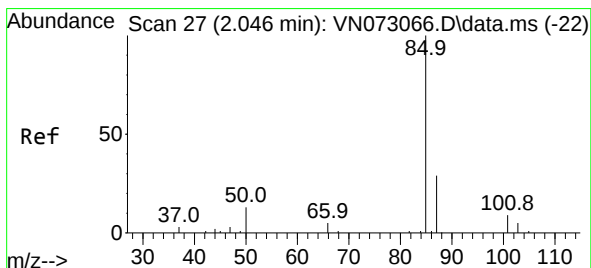
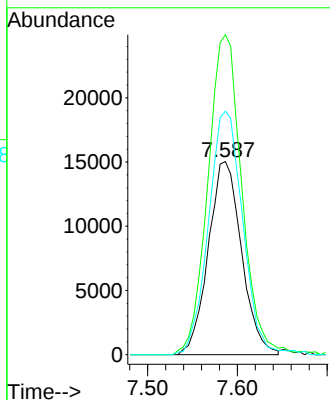
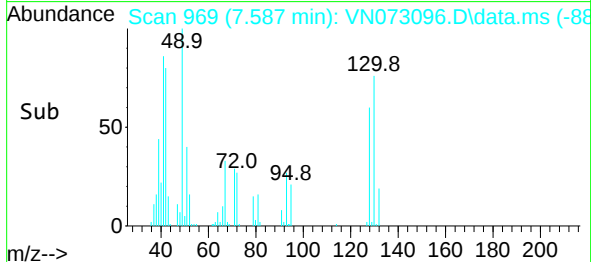
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion:128 Resp: 38670
Ion Ratio Lower Upper
128 100
49 168.4 0.0 392.3
130 129.6 0.0 320.2

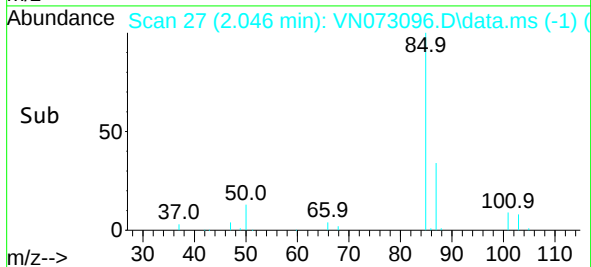
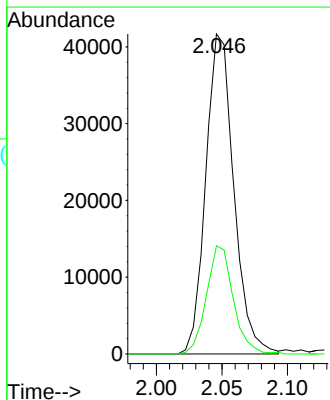
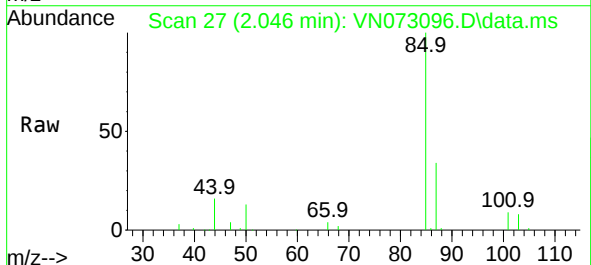
Manual Integrations
APPROVED

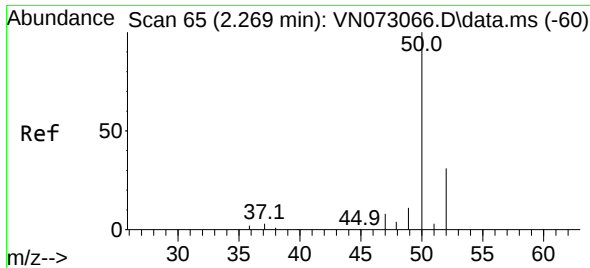
Reviewed By :John Carlone 06/25/2022
Supervised By :Mahesh Dadoda 06/28/2022



#2
Dichlorodifluoromethane
Concen: 20.295 ug/l
RT: 2.046 min Scan# 27
Delta R.T. 0.000 min
Lab File: VN073096.D
Acq: 24 Jun 2022 20:38

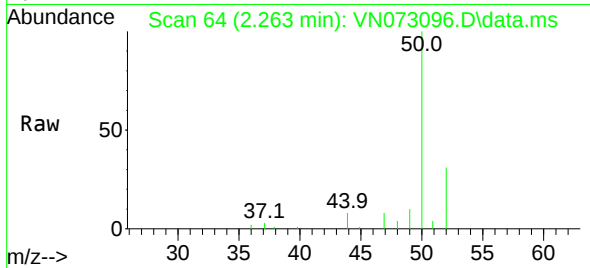
Tgt Ion: 85 Resp: 61924
Ion Ratio Lower Upper
85 100
87 33.8 16.6 49.7





#3
Chloromethane
Concen: 18.855 ug/l
RT: 2.263 min Scan# 64
Delta R.T. -0.006 min
Lab File: VN073096.D
Acq: 24 Jun 2022 20:38

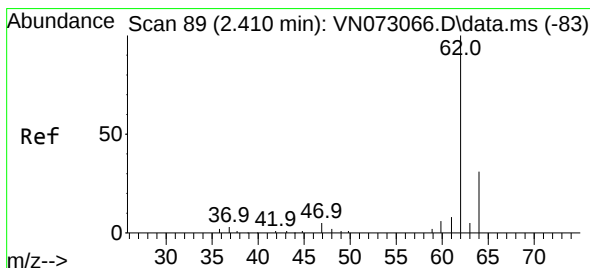
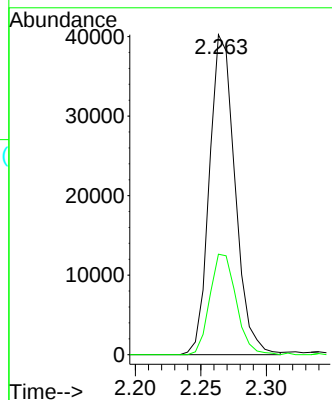
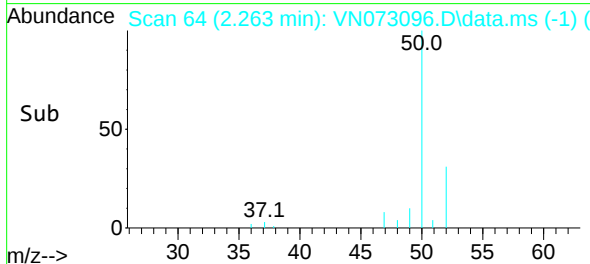
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



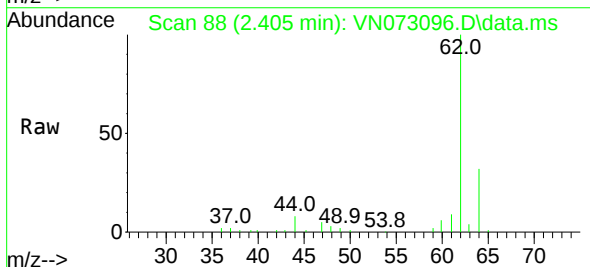
Tgt Ion: 50 Resp: 5466
Ion Ratio Lower Upper
50 100
52 31.4 27.8 41.6

Manual Integrations
APPROVED

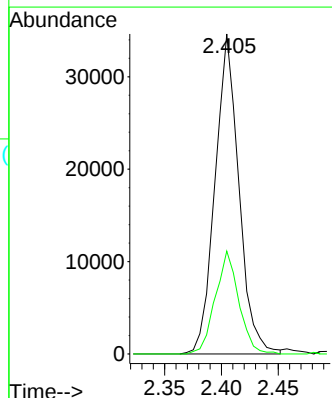
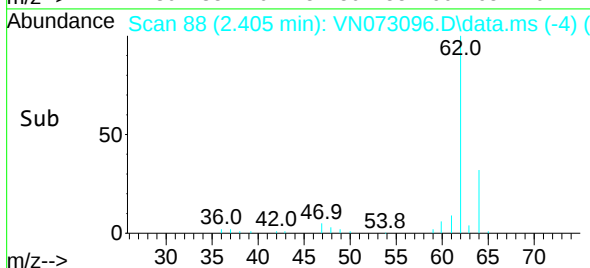
Reviewed By :John Carlone 06/25/2022
Supervised By :Mahesh Dadoda 06/28/2022

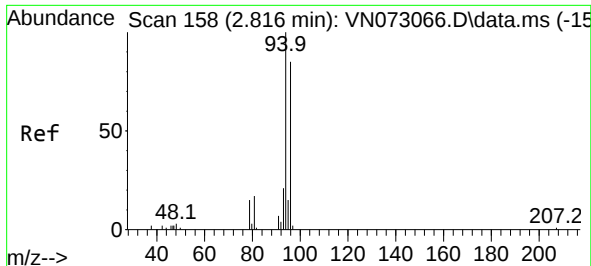


#4
Vinyl Chloride
Concen: 19.484 ug/l
RT: 2.405 min Scan# 88
Delta R.T. -0.006 min
Lab File: VN073096.D
Acq: 24 Jun 2022 20:38



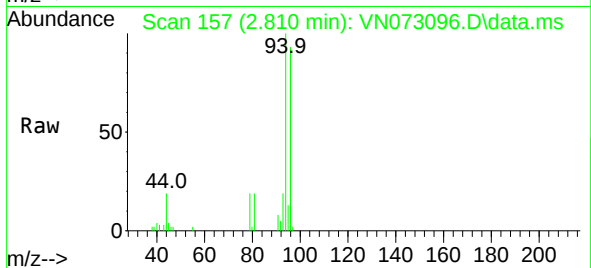
Tgt Ion: 62 Resp: 50559
Ion Ratio Lower Upper
62 100
64 32.1 25.1 37.7





#5
Bromomethane
Concen: 24.080 ug/l
RT: 2.810 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN073096.D
Acq: 24 Jun 2022 20:38

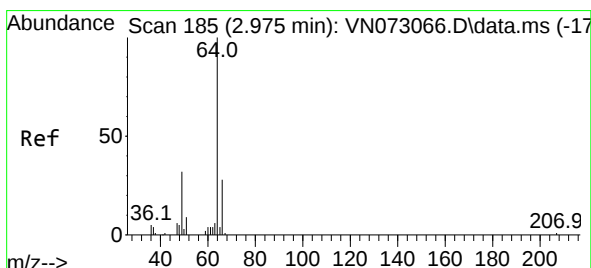
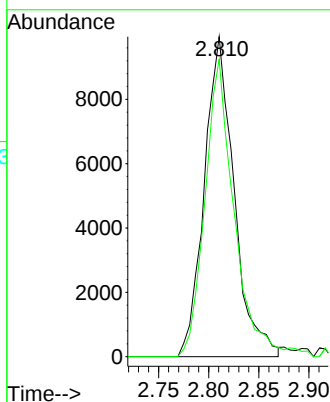
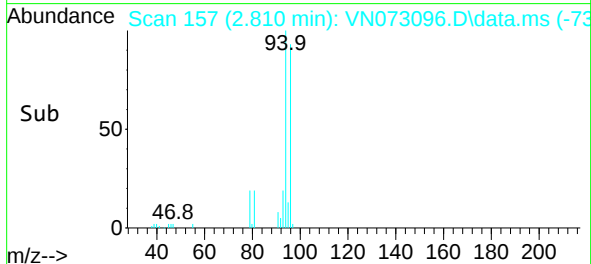
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



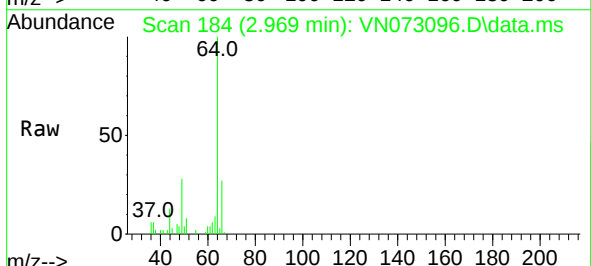
Tgt Ion: 94 Resp: 20570
Ion Ratio Lower Upper
94 100
96 92.9 75.2 112.8

Manual Integrations
APPROVED

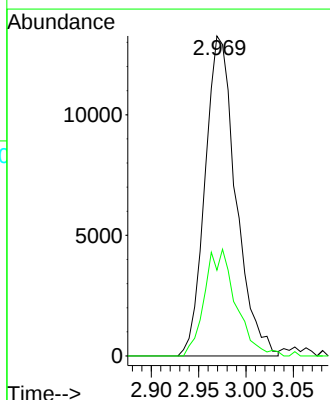
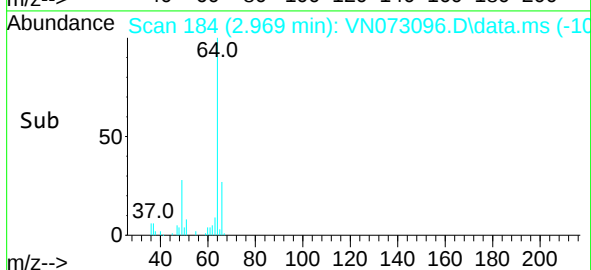
Reviewed By :John Carlone 06/25/2022
Supervised By :Mahesh Dadoda 06/28/2022

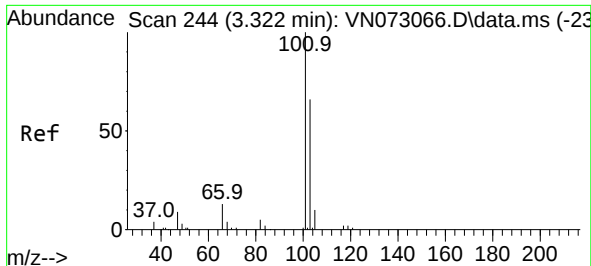


#6
Chloroethane
Concen: 18.757 ug/l
RT: 2.969 min Scan# 184
Delta R.T. -0.006 min
Lab File: VN073096.D
Acq: 24 Jun 2022 20:38



Tgt Ion: 64 Resp: 30033
Ion Ratio Lower Upper
64 100
66 26.8 24.6 36.8





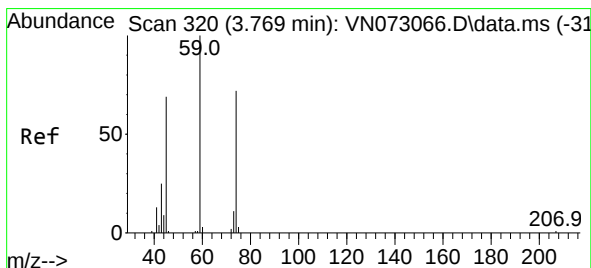
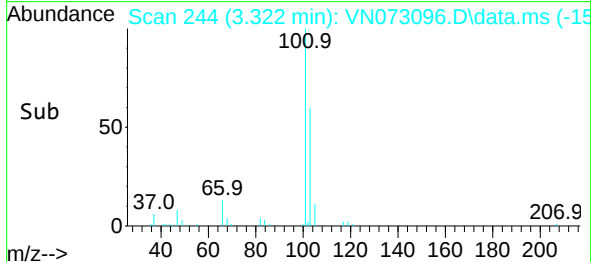
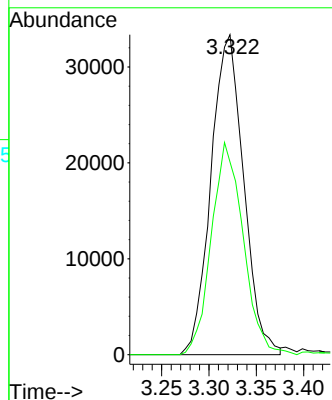
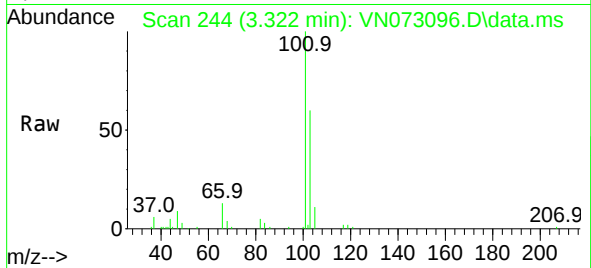
#7
Trichlorofluoromethane
Concen: 17.009 ug/l
RT: 3.322 min Scan# 244
Delta R.T. 0.000 min
Lab File: VN073096.D
Acq: 24 Jun 2022 20:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:101 Resp: 80120
Ion Ratio Lower Upper
101 100
103 60.2 50.1 75.1

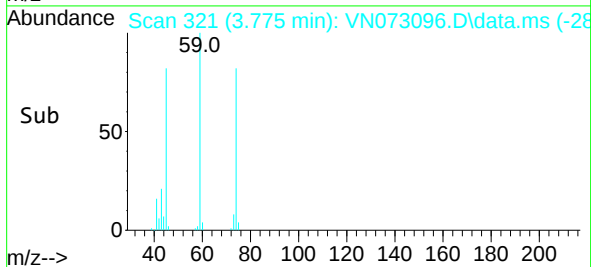
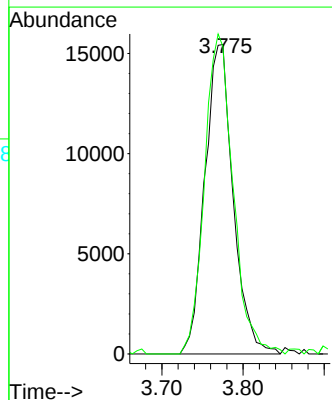
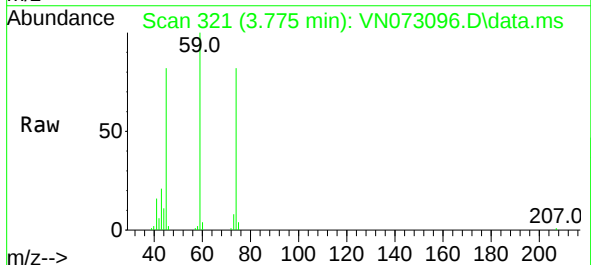
Manual Integrations
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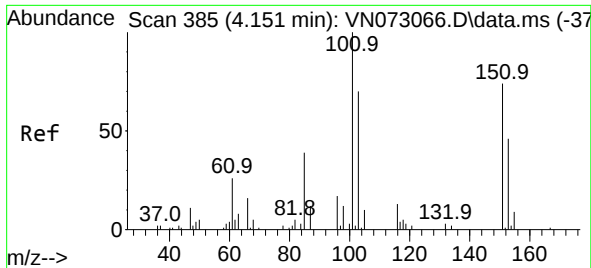
Reviewed By :John Carlone 06/25/2022
Supervised By :Mahesh Dadoda 06/28/2022



#8
Diethyl Ether
Concen: 19.467 ug/l
RT: 3.775 min Scan# 321
Delta R.T. 0.006 min
Lab File: VN073096.D
Acq: 24 Jun 2022 20:38

Tgt Ion: 74 Resp: 37528
Ion Ratio Lower Upper
74 100
45 104.0 17.6 158.8





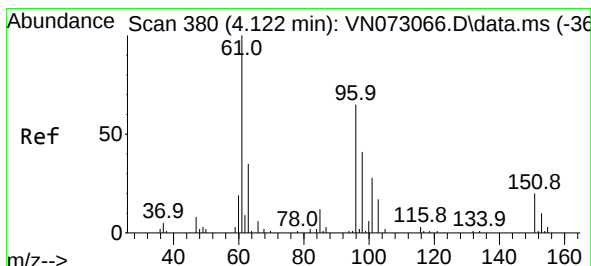
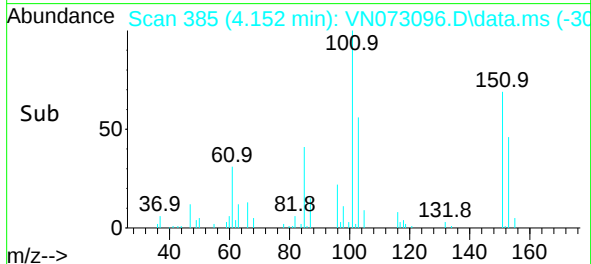
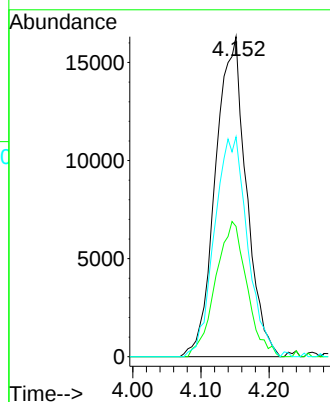
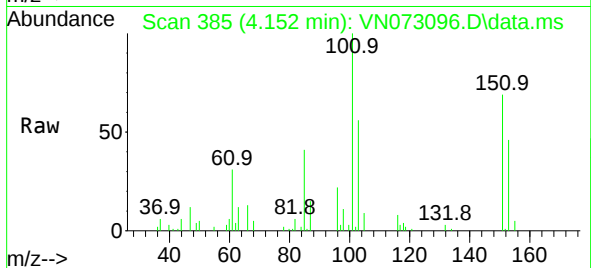
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.731 ug/l
RT: 4.152 min Scan# 385
Delta R.T. 0.000 min
Lab File: VN073096.D
Acq: 24 Jun 2022 20:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:101 Resp: 5134
Ion Ratio Lower Upper
101 100
85 42.8 0.0 94.0
151 73.5 0.0 74.6

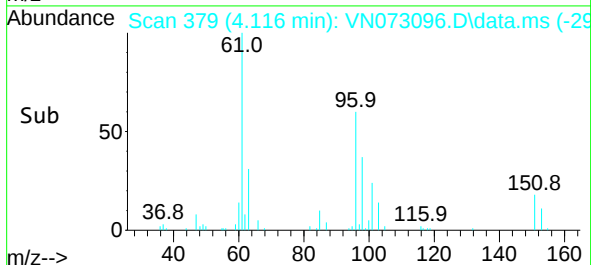
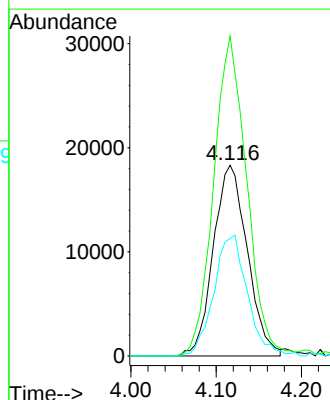
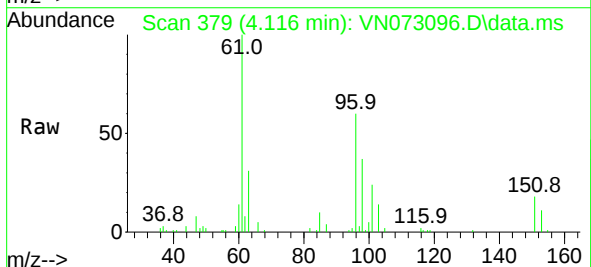
Manual Integrations
APPROVED

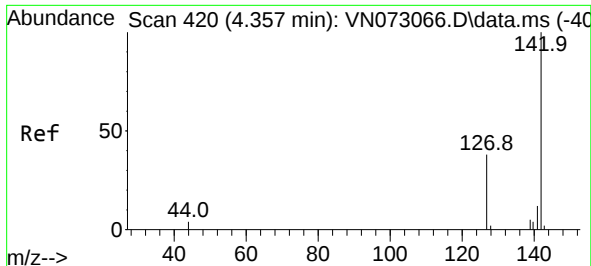
Reviewed By :John Carlone 06/25/2022
Supervised By :Mahesh Dadoda 06/28/2022



#10
1,1-Dichloroethene
Concen: 19.053 ug/l
RT: 4.116 min Scan# 379
Delta R.T. -0.006 min
Lab File: VN073096.D
Acq: 24 Jun 2022 20:38

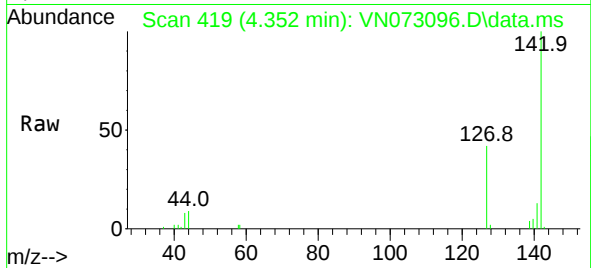
Tgt Ion: 96 Resp: 50744
Ion Ratio Lower Upper
96 100
61 167.0 126.2 189.4
98 61.6 50.9 76.3





#11
Methyl Iodide
Concen: 18.528 ug/l
RT: 4.352 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN073096.D
Acq: 24 Jun 2022 20:38

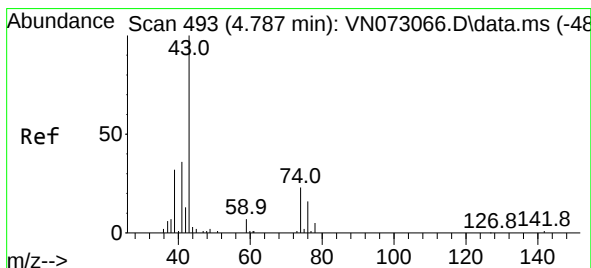
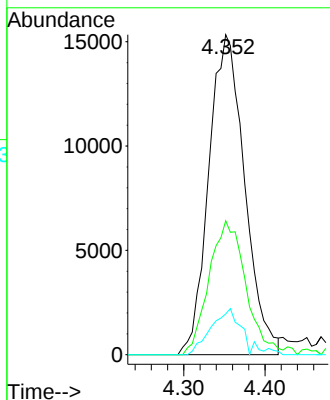
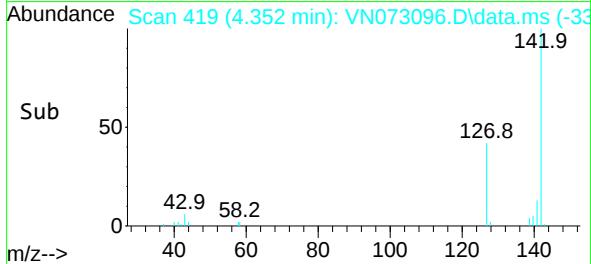
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion:142 Resp: 47072
Ion Ratio Lower Upper
142 100
127 42.0 24.0 72.0
141 12.5 8.4 25.2

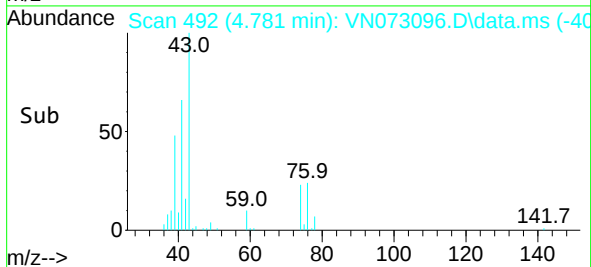
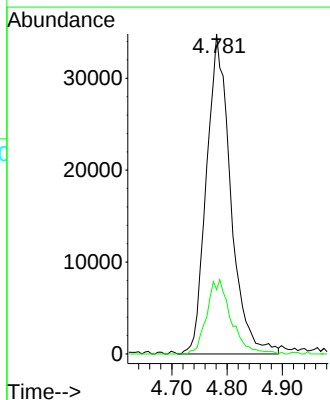
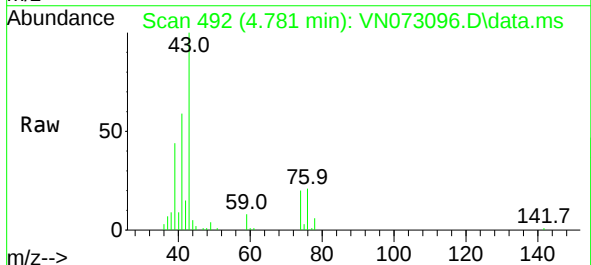
Manual Integrations
APPROVED

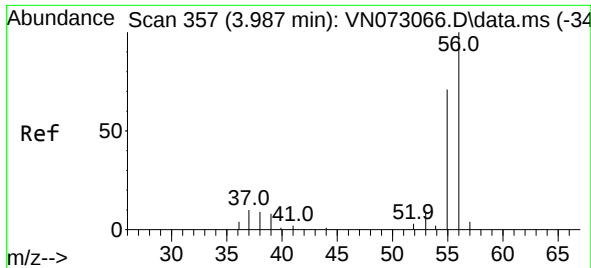
Reviewed By :John Carlone 06/25/2022
Supervised By :Mahesh Dadoda 06/28/2022



#12
Methyl Acetate
Concen: 19.054 ug/l m
RT: 4.781 min Scan# 492
Delta R.T. -0.006 min
Lab File: VN073096.D
Acq: 24 Jun 2022 20:38

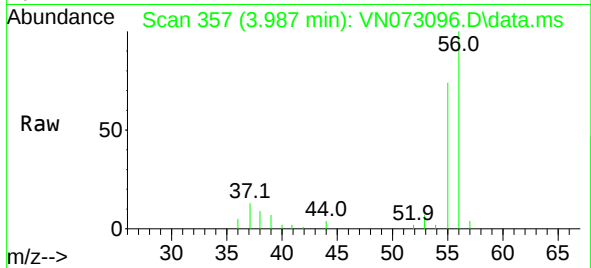
Tgt Ion: 43 Resp: 105674
Ion Ratio Lower Upper
43 100
74 20.1 20.8 31.2#





#13
Acrolein
Concen: 114.409 ug/l
RT: 3.987 min Scan# 357
Delta R.T. 0.000 min
Lab File: VN073096.D
Acq: 24 Jun 2022 20:38

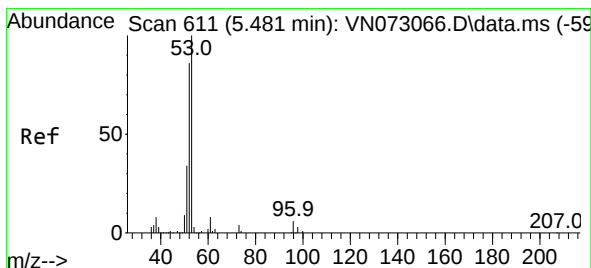
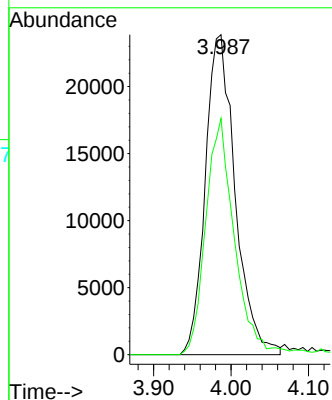
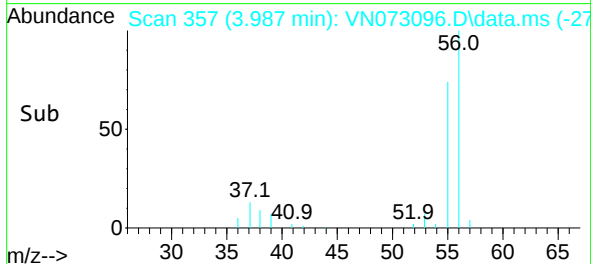
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



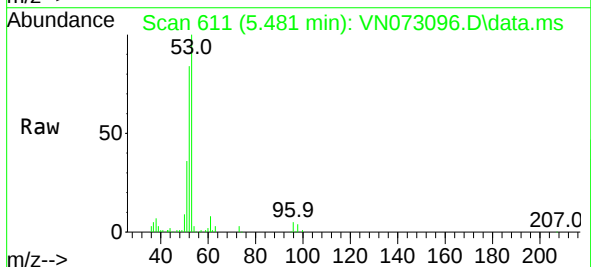
Tgt Ion: 56 Resp: 6395
Ion Ratio Lower Upper
56 100
55 69.3 57.6 86.4

Manual Integrations
APPROVED

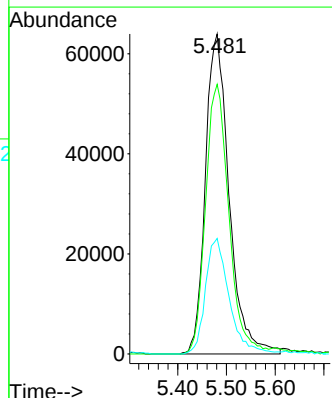
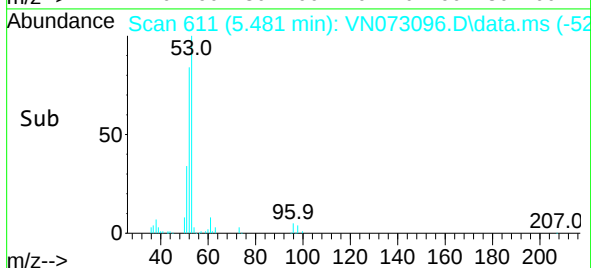
Reviewed By :John Carlone 06/25/2022
Supervised By :Mahesh Dadoda 06/28/2022

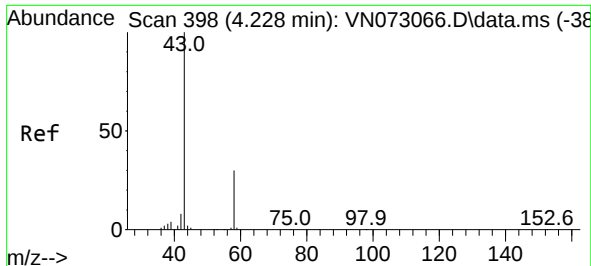


#14
Acrylonitrile
Concen: 102.379 ug/l
RT: 5.481 min Scan# 611
Delta R.T. 0.000 min
Lab File: VN073096.D
Acq: 24 Jun 2022 20:38



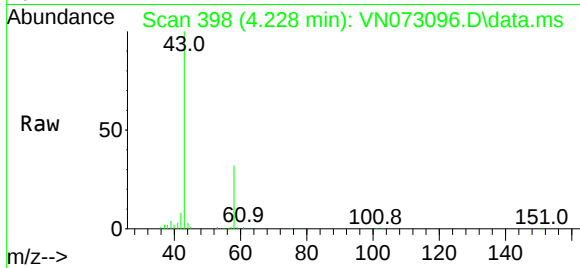
Tgt Ion: 53 Resp: 216323
Ion Ratio Lower Upper
53 100
52 82.9 41.8 125.4
51 34.8 19.0 57.0





#15
Acetone
Concen: 100.272 ug/l
RT: 4.228 min Scan# 398
Delta R.T. 0.000 min
Lab File: VN073096.D
Acq: 24 Jun 2022 20:38

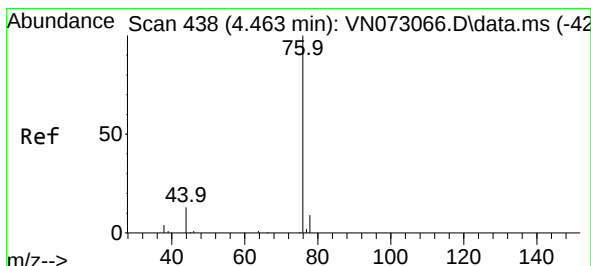
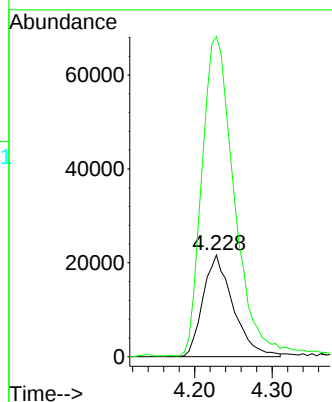
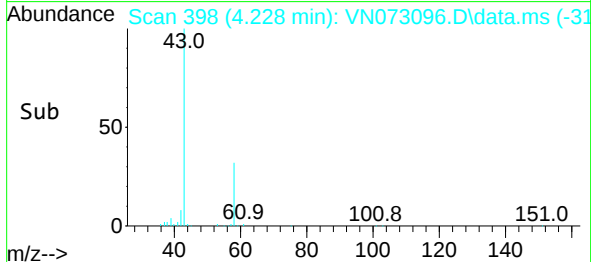
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



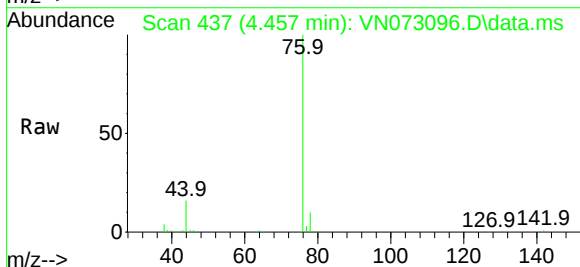
Tgt Ion: 58 Resp: 5844
Ion Ratio Lower Upper
58 100
43 314.1 256.6 384.8

Manual Integrations
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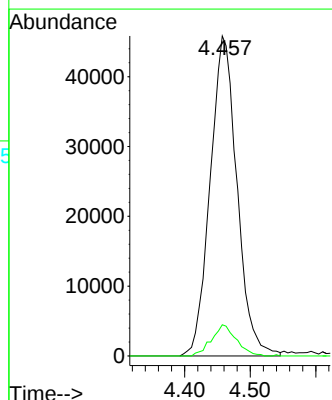
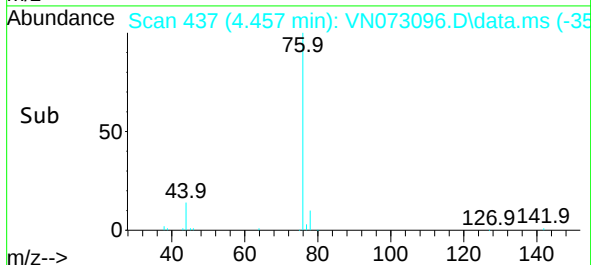
Reviewed By :John Carlone 06/25/2022
Supervised By :Mahesh Dadoda 06/28/2022

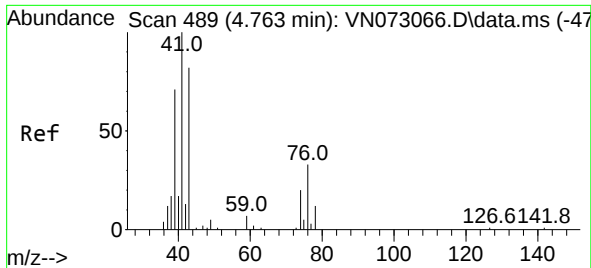


#16
Carbon Disulfide
Concen: 18.549 ug/l
RT: 4.457 min Scan# 437
Delta R.T. -0.006 min
Lab File: VN073096.D
Acq: 24 Jun 2022 20:38



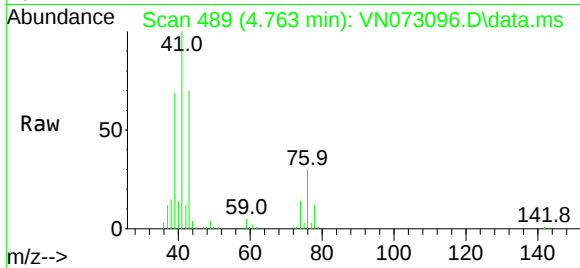
Tgt Ion: 76 Resp: 130269
Ion Ratio Lower Upper
76 100
78 9.7 7.8 11.8





#17
Allyl chloride
Concen: 20.398 ug/l
RT: 4.763 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN073096.D
Acq: 24 Jun 2022 20:38

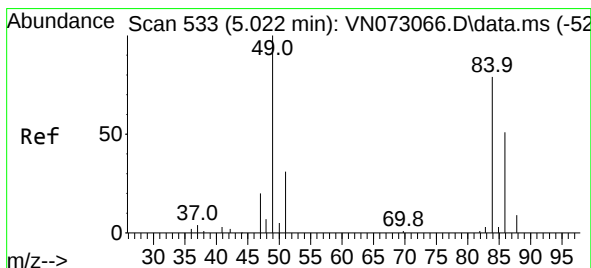
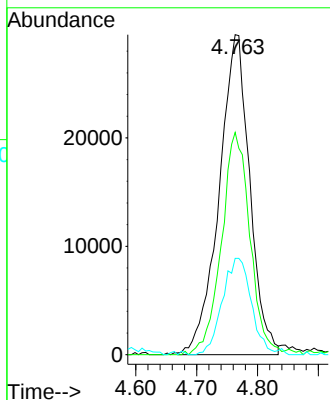
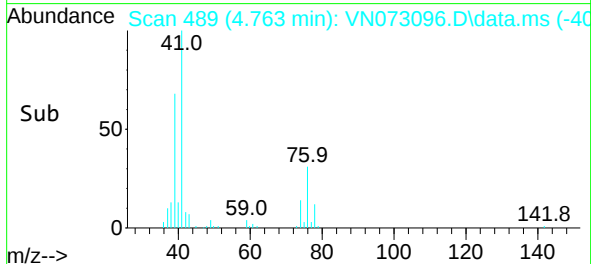
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



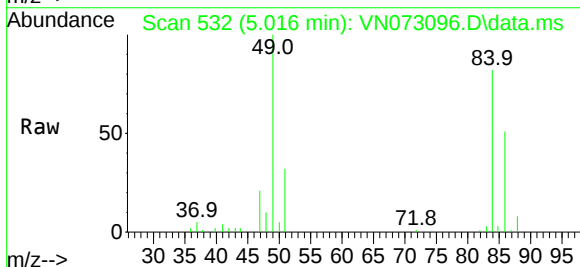
Tgt Ion: 41 Resp: 10311
Ion Ratio Lower Upper
41 100
39 69.8 44.6 134.0
76 30.3 19.6 58.7

Manual Integrations
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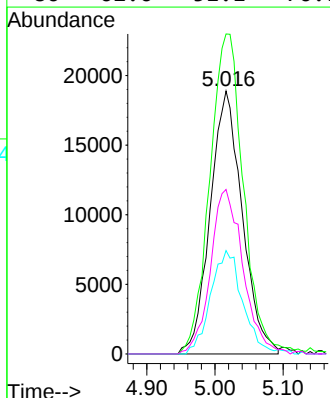
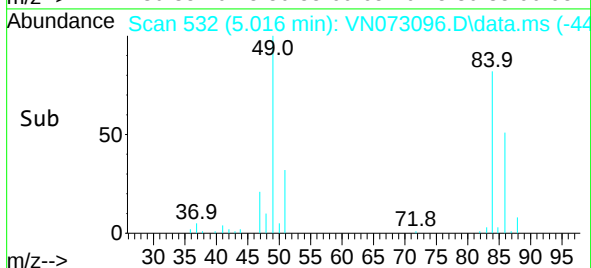
Reviewed By :John Carlone 06/25/2022
Supervised By :Mahesh Dadoda 06/28/2022

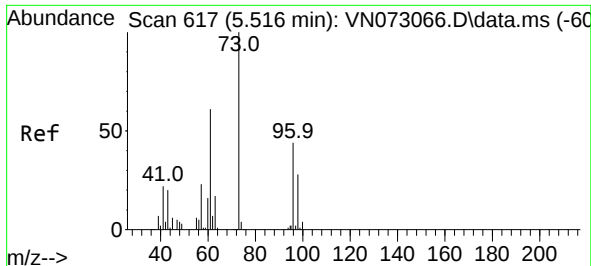


#18
Methylene Chloride
Concen: 19.445 ug/l
RT: 5.016 min Scan# 532
Delta R.T. -0.006 min
Lab File: VN073096.D
Acq: 24 Jun 2022 20:38



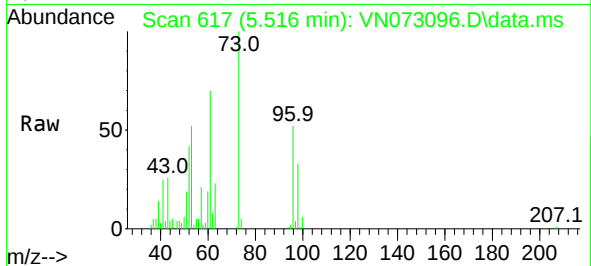
Tgt Ion: 84 Resp: 61762
Ion Ratio Lower Upper
84 100
49 121.7 91.4 137.0
51 39.3 29.4 44.0
86 62.6 51.1 76.7





#19
trans-1,2-Dichloroethene
Concen: 19.173 ug/l
RT: 5.516 min Scan# 617
Delta R.T. 0.000 min
Lab File: VN073096.D
Acq: 24 Jun 2022 20:38

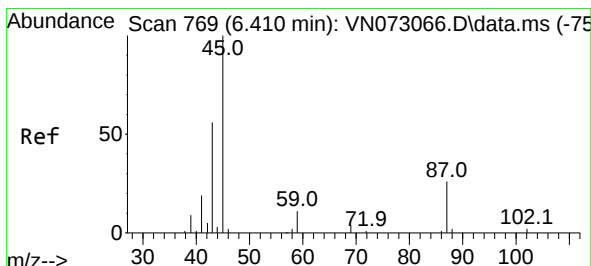
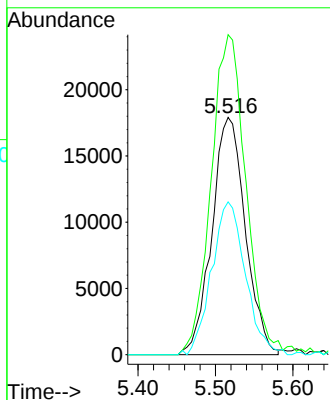
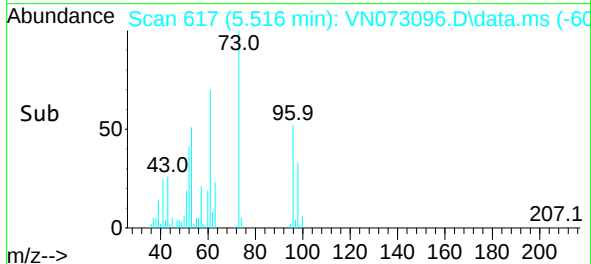
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



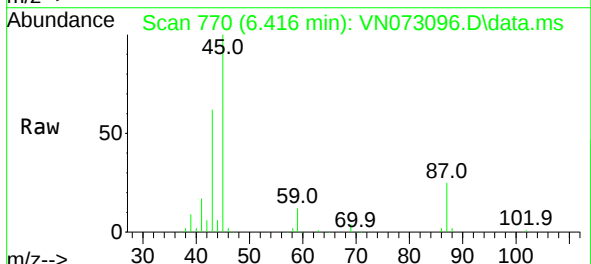
Tgt Ion: 96 Resp: 53884
Ion Ratio Lower Upper
96 100
61 134.9 102.8 154.2
98 64.4 49.3 73.9

Manual Integrations
APPROVED

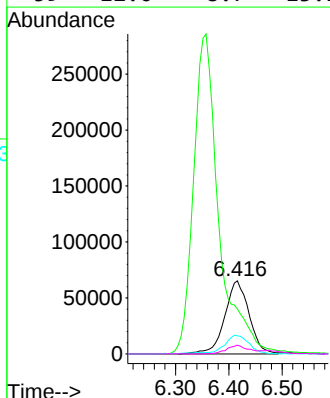
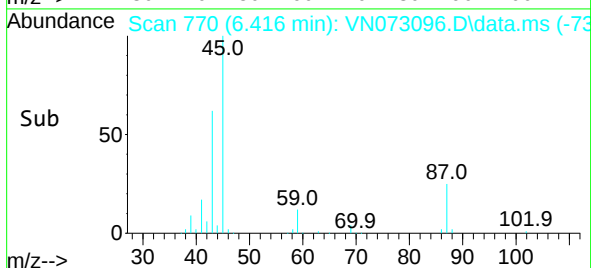
Reviewed By :John Carlone 06/25/2022
Supervised By :Mahesh Dadoda 06/28/2022

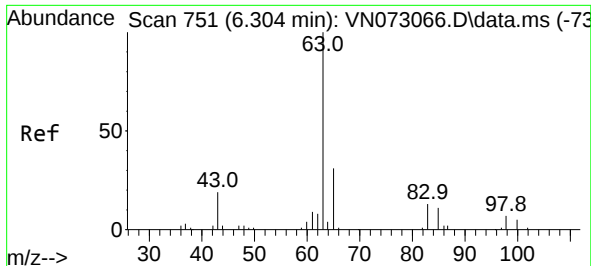


#20
Diisopropyl ether
Concen: 19.462 ug/l
RT: 6.416 min Scan# 770
Delta R.T. 0.006 min
Lab File: VN073096.D
Acq: 24 Jun 2022 20:38



Tgt Ion: 45 Resp: 206996
Ion Ratio Lower Upper
45 100
43 56.9 51.0 76.4
87 24.4 25.0 37.4#
59 12.0 8.7 13.1





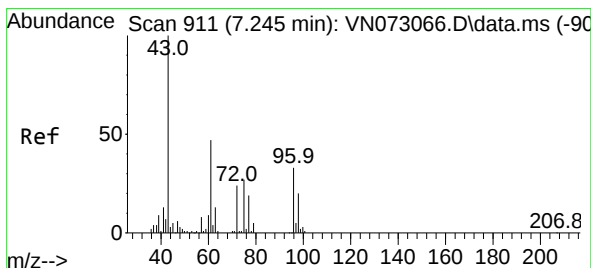
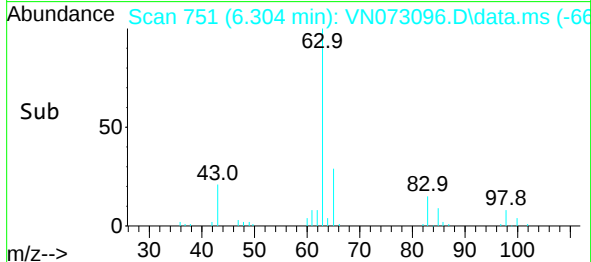
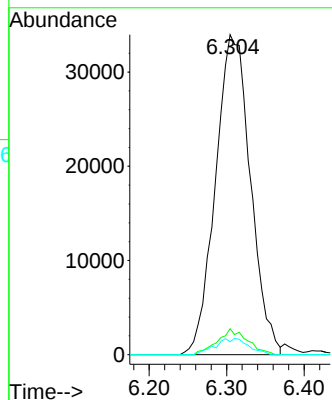
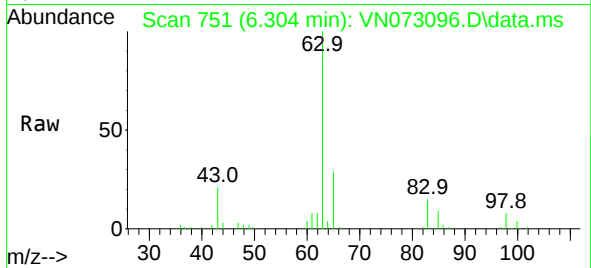
#21
1,1-Dichloroethane
Concen: 19.104 ug/l
RT: 6.304 min Scan# 751
Delta R.T. 0.000 min
Lab File: VN073096.D
Acq: 24 Jun 2022 20:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 63 Resp: 10661
Ion Ratio Lower Upper
63 100
98 8.1 3.2 9.6
100 4.0 2.1 6.2

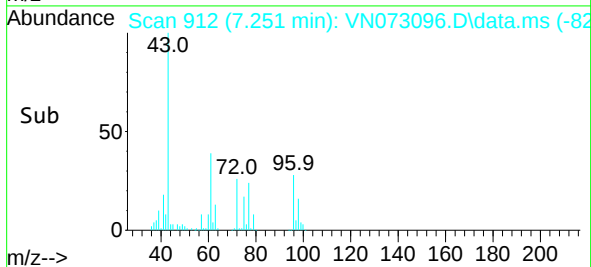
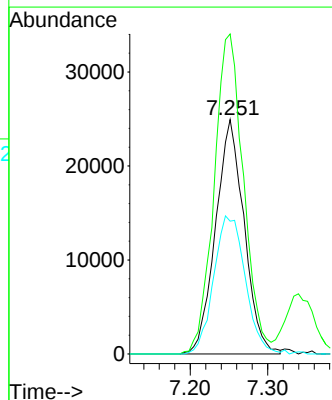
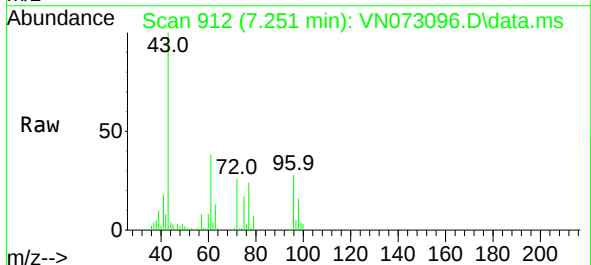
Manual Integrations
APPROVED

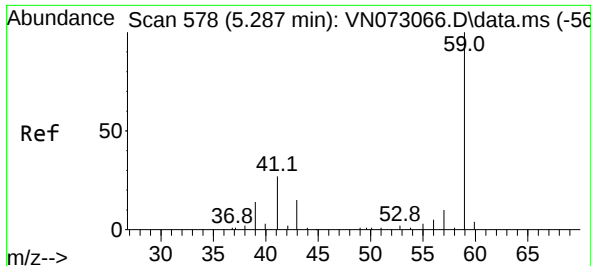
Reviewed By :John Carlone 06/25/2022
Supervised By :Mahesh Dadoda 06/28/2022



#22
cis-1,2-Dichloroethene
Concen: 19.142 ug/l
RT: 7.251 min Scan# 912
Delta R.T. 0.006 min
Lab File: VN073096.D
Acq: 24 Jun 2022 20:38

Tgt Ion: 96 Resp: 63969
Ion Ratio Lower Upper
96 100
61 140.4 115.7 173.5
98 64.8 51.6 77.4





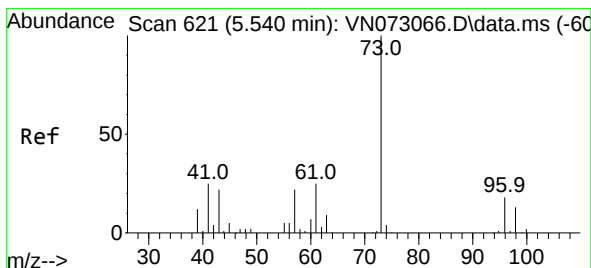
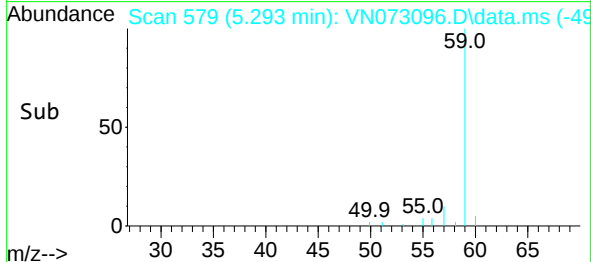
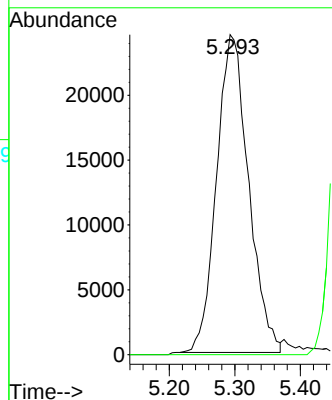
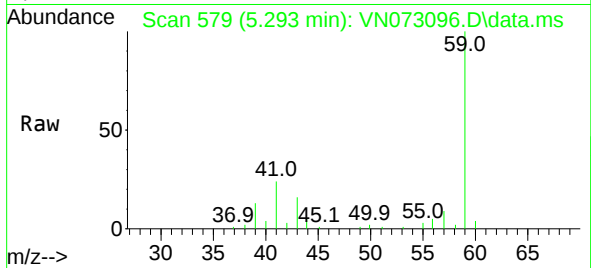
#23
tert-Butyl Alcohol
Concen: 96.208 ug/l
RT: 5.293 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN073096.D
Acq: 24 Jun 2022 20:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 59 Resp: 83000
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

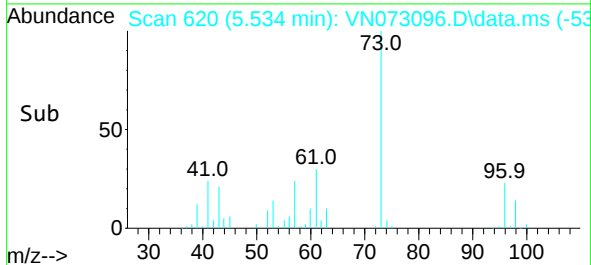
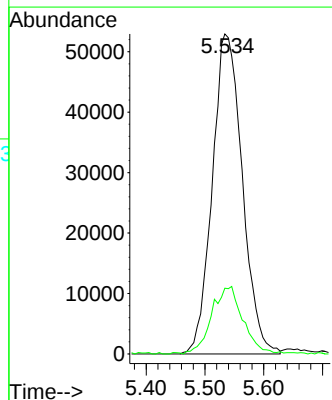
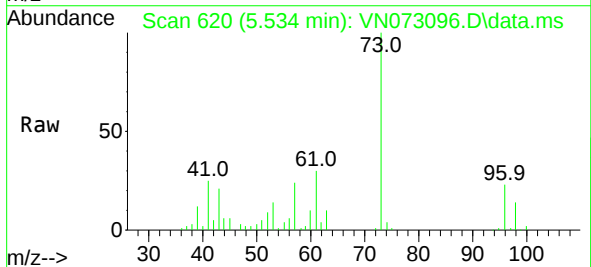
Manual Integrations
APPROVED

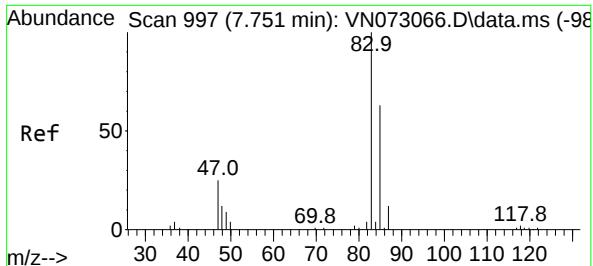
Reviewed By :John Carlone 06/25/2022
Supervised By :Mahesh Dadoda 06/28/2022



#24
Methyl tert-Butyl Ether
Concen: 18.888 ug/l
RT: 5.534 min Scan# 620
Delta R.T. -0.006 min
Lab File: VN073096.D
Acq: 24 Jun 2022 20:38

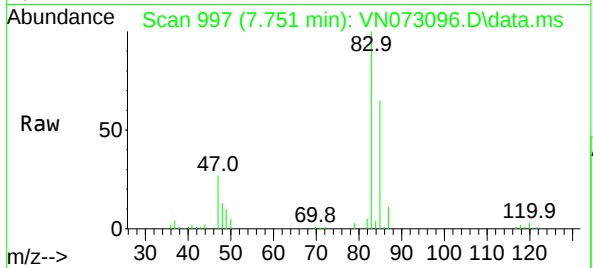
Tgt Ion: 73 Resp: 187651
Ion Ratio Lower Upper
73 100
43 15.2 18.1 27.1#





#25
Chloroform
Concen: 19.181 ug/l
RT: 7.751 min Scan# 997
Delta R.T. 0.000 min
Lab File: VN073096.D
Acq: 24 Jun 2022 20:38

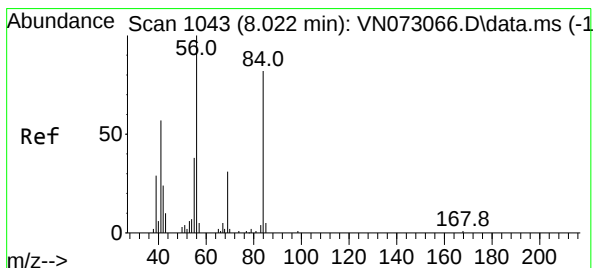
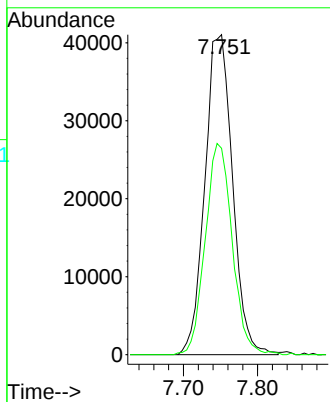
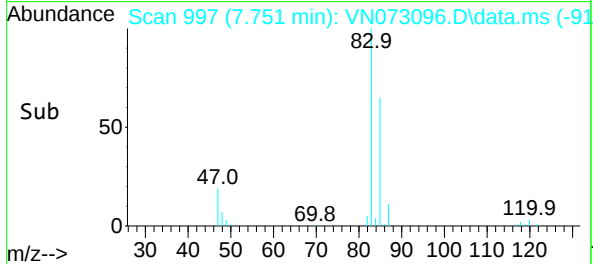
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 83 Resp: 10652
Ion Ratio Lower Upper
83 100
85 64.0 51.3 76.9

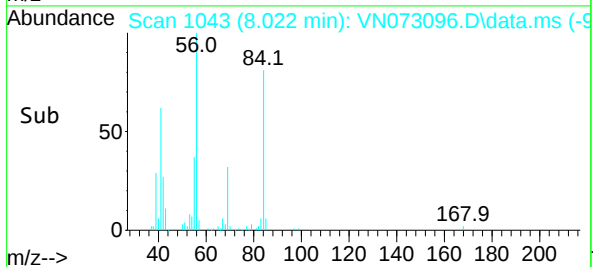
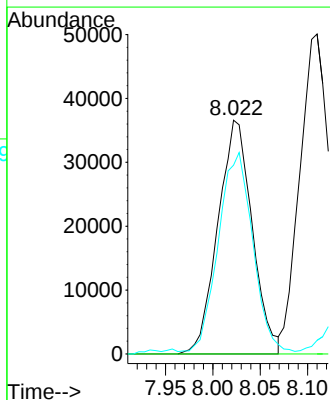
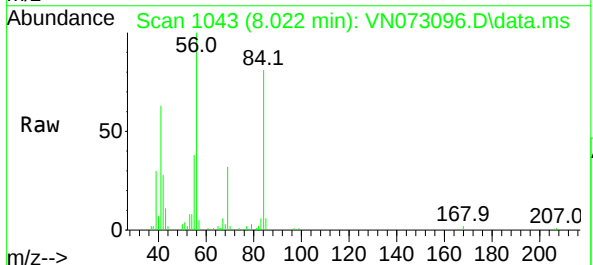
Manual Integrations
APPROVED

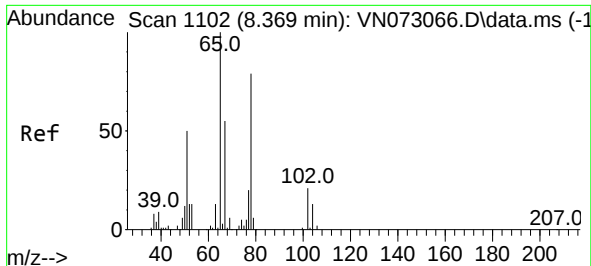
Reviewed By :John Carlone 06/25/2022
Supervised By :Mahesh Dadoda 06/28/2022



#26
Cyclohexane
Concen: 18.851 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. 0.000 min
Lab File: VN073096.D
Acq: 24 Jun 2022 20:38

Tgt Ion: 56 Resp: 92105
Ion Ratio Lower Upper
56 100
89 0.0 0.1 0.1#
84 86.5 74.6 111.8





#27

1,2-Dichloroethane-d4

Concen: 29.662 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VN073096.D

Acq: 24 Jun 2022 20:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 65 Resp: 11059

Ion Ratio Lower Upper

65 100

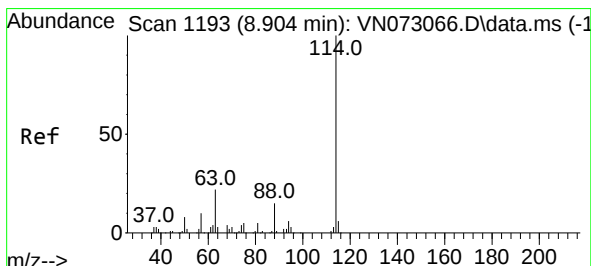
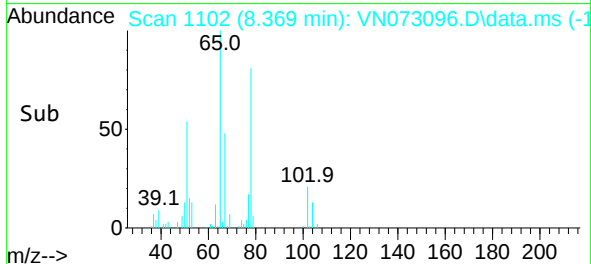
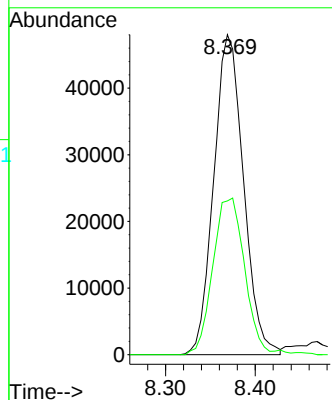
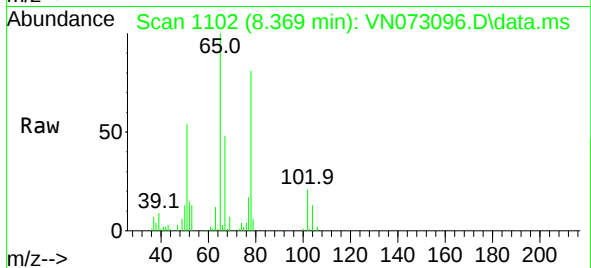
67 51.8 40.2 60.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/25/2022

Supervised By :Mahesh Dadoda 06/28/2022



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VN073096.D

Acq: 24 Jun 2022 20:38

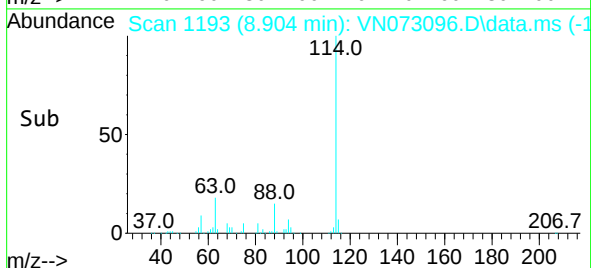
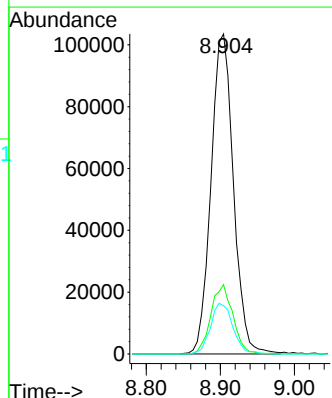
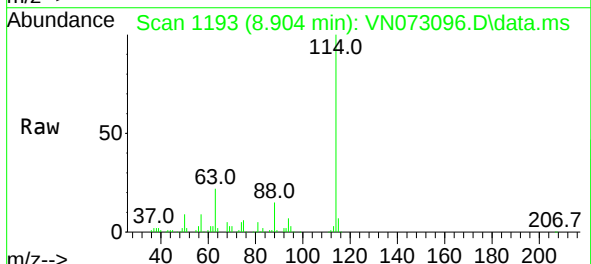
Tgt Ion:114 Resp: 217698

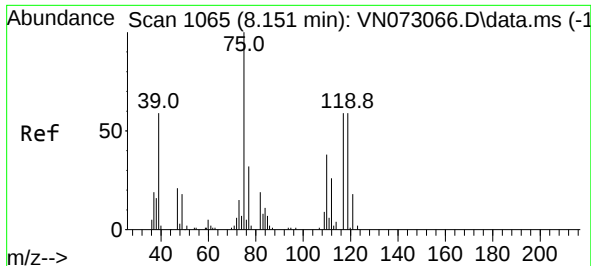
Ion Ratio Lower Upper

114 100

63 21.2 15.8 23.6

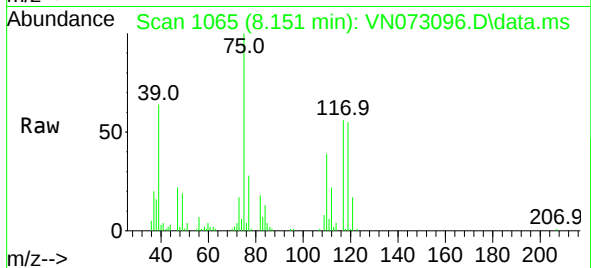
88 15.5 11.6 17.4





#29
1,1-Dichloropropene
Concen: 18.920 ug/l
RT: 8.151 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VN073096.D
Acq: 24 Jun 2022 20:38

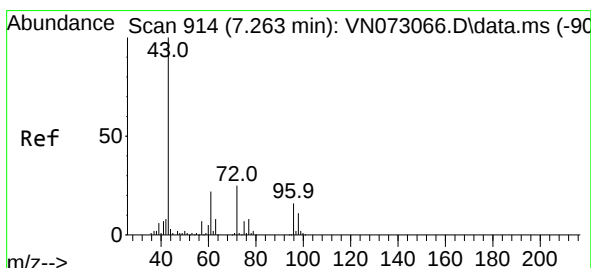
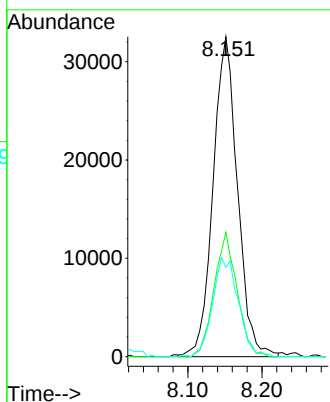
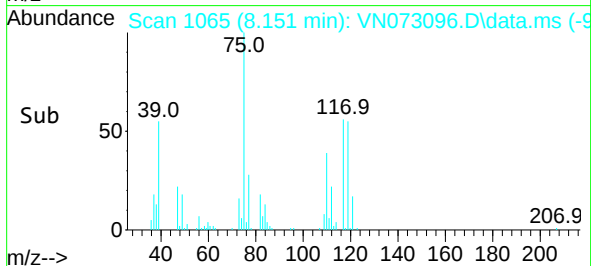
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 75 Resp: 74468
Ion Ratio Lower Upper
75 100
110 36.0 0.0 74.2
77 32.5 0.0 63.2

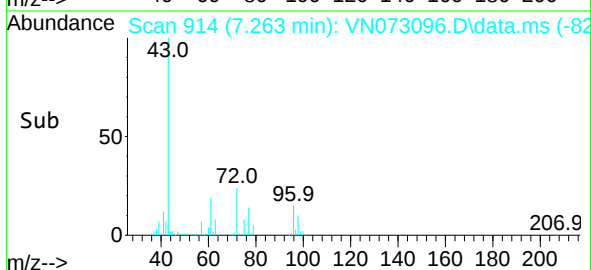
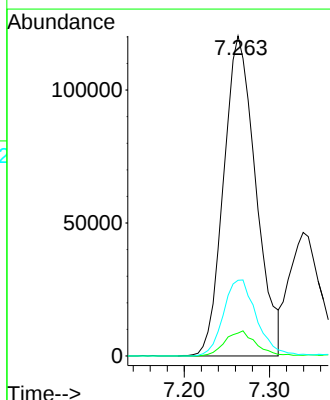
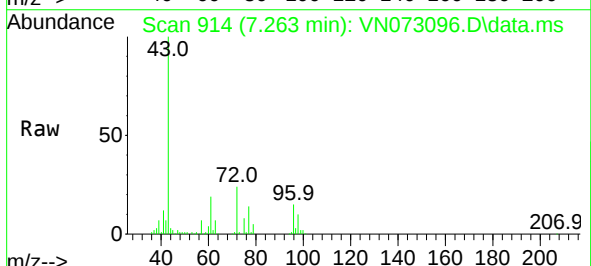
Manual Integrations
APPROVED

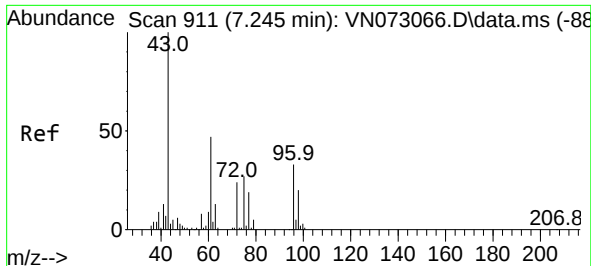
Reviewed By :John Carlone 06/25/2022
Supervised By :Mahesh Dadoda 06/28/2022



#30
2-Butanone
Concen: 104.418 ug/l
RT: 7.263 min Scan# 914
Delta R.T. 0.000 min
Lab File: VN073096.D
Acq: 24 Jun 2022 20:38

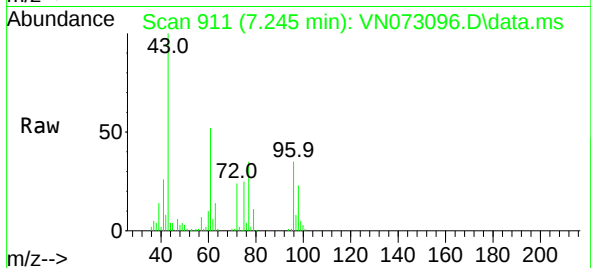
Tgt Ion: 43 Resp: 316519
Ion Ratio Lower Upper
43 100
57 7.4 6.7 10.1
72 24.5 23.2 34.8





#31
2,2-Dichloropropane
Concen: 34.205 ug/l
RT: 7.245 min Scan# 911
Delta R.T. 0.000 min
Lab File: VN073096.D
Acq: 24 Jun 2022 20:38

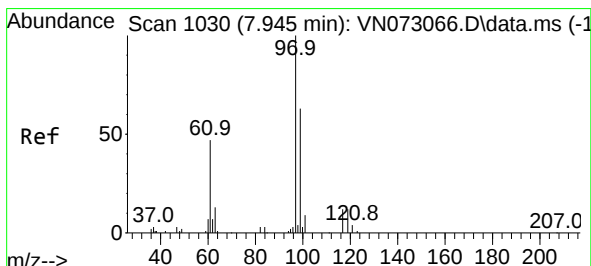
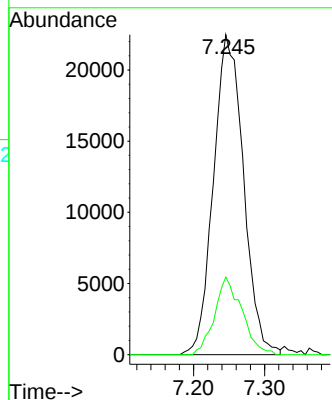
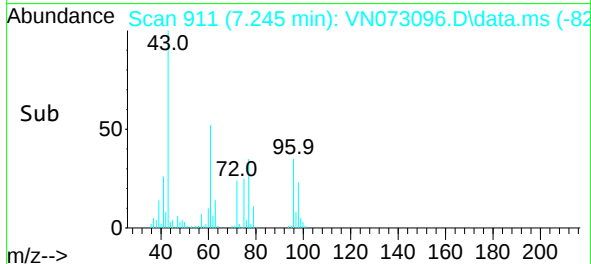
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



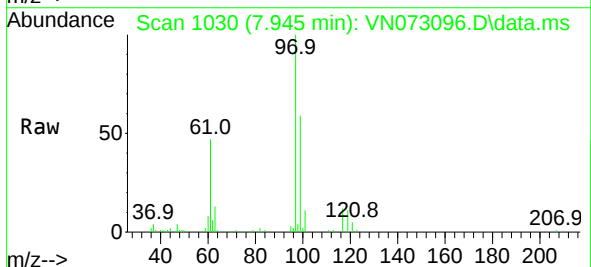
Tgt Ion: 77 Resp: 65900
Ion Ratio Lower Upper
77 100
97 22.1 18.3 27.5

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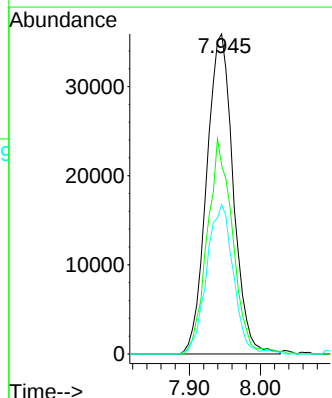
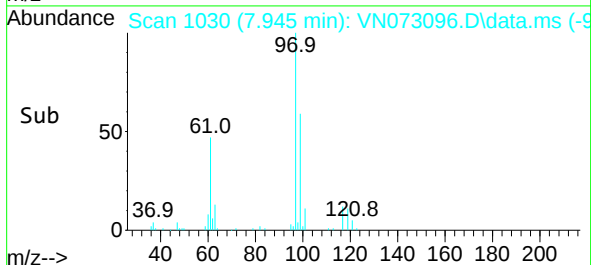
Reviewed By :John Carlone 06/25/2022
Supervised By :Mahesh Dadoda 06/28/2022

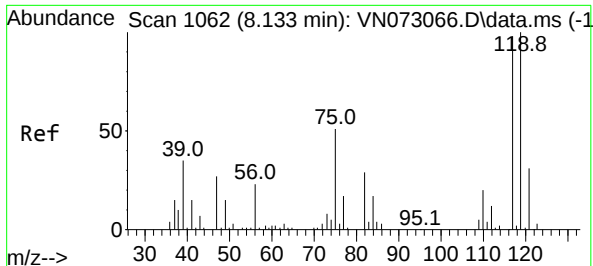


#32
1,1,1-Trichloroethane
Concen: 19.299 ug/l
RT: 7.945 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VN073096.D
Acq: 24 Jun 2022 20:38



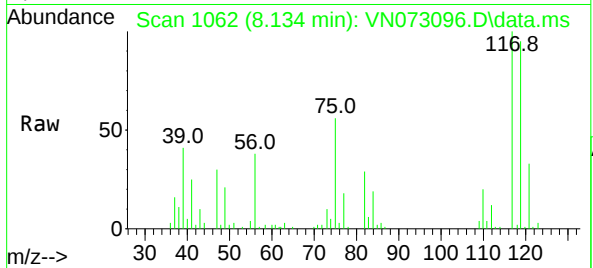
Tgt Ion: 97 Resp: 93337
Ion Ratio Lower Upper
97 100
99 64.1 50.4 75.6
61 46.4 34.6 51.8





#33
Carbon Tetrachloride
Concen: 19.013 ug/l
RT: 8.134 min Scan# 1106
Delta R.T. 0.000 min
Lab File: VN073096.D
Acq: 24 Jun 2022 20:38

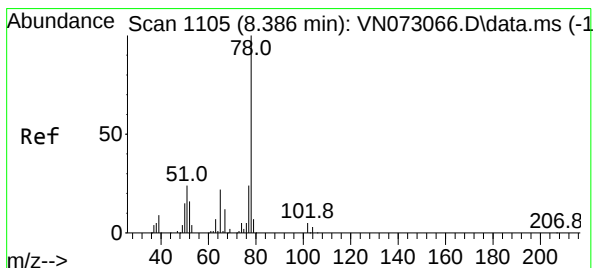
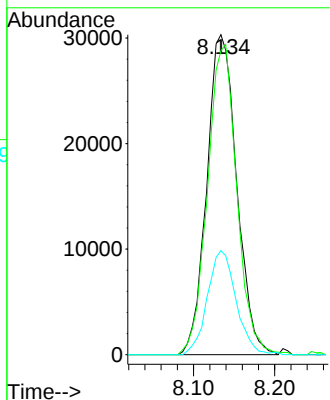
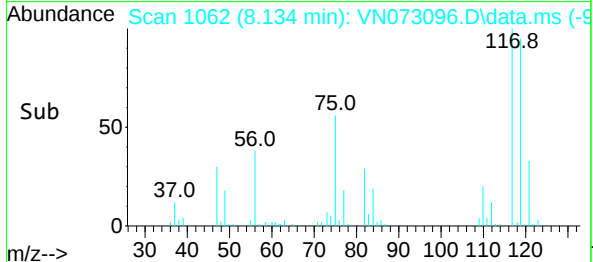
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



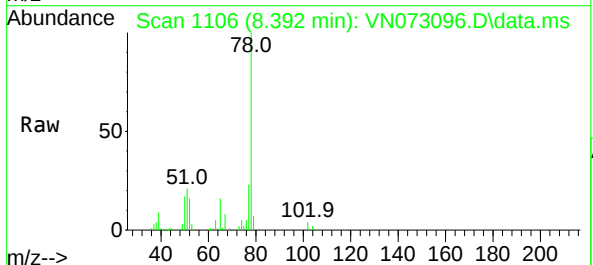
Tgt Ion:117 Resp: 77750
Ion Ratio Lower Upper
117 100
119 95.0 77.5 116.3
121 33.2 23.5 35.3

Manual Integrations
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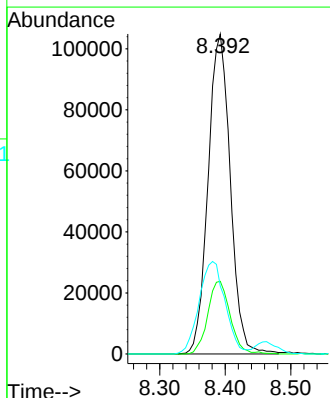
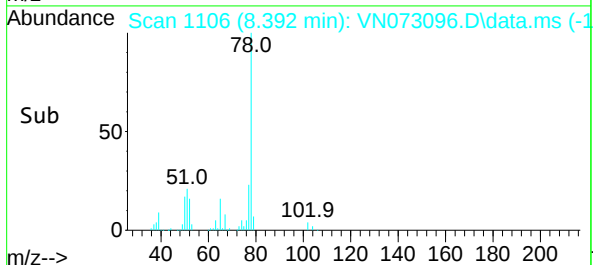
Reviewed By :John Carlone 06/25/2022
Supervised By :Mahesh Dadoda 06/28/2022

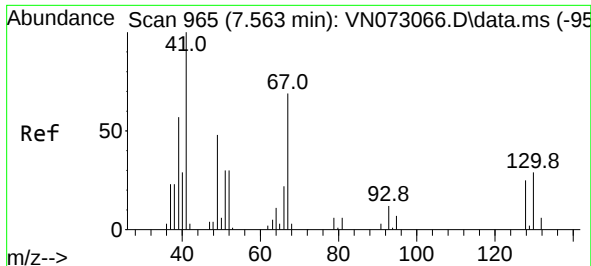


#34
Benzene
Concen: 20.140 ug/l
RT: 8.392 min Scan# 1106
Delta R.T. 0.006 min
Lab File: VN073096.D
Acq: 24 Jun 2022 20:38



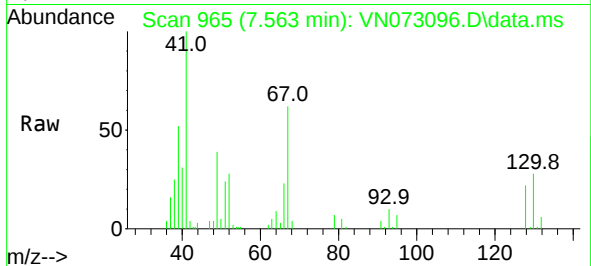
Tgt Ion: 78 Resp: 246742
Ion Ratio Lower Upper
78 100
77 22.7 19.1 28.7
51 20.9 16.0 24.0





#35
Methacrylonitrile
Concen: 20.342 ug/l
RT: 7.563 min Scan# 911
Delta R.T. 0.000 min
Lab File: VN073096.D
Acq: 24 Jun 2022 20:38

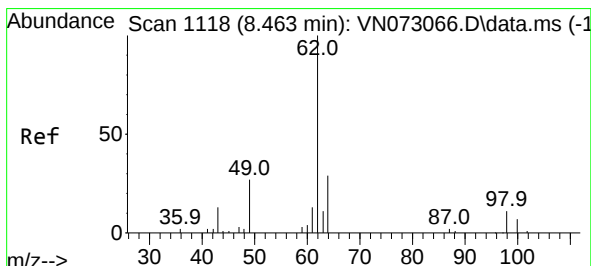
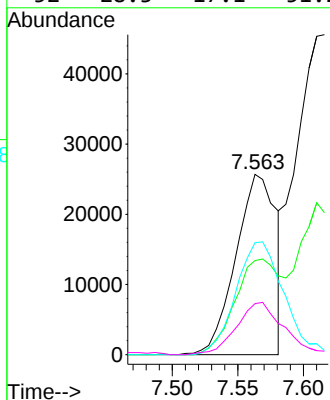
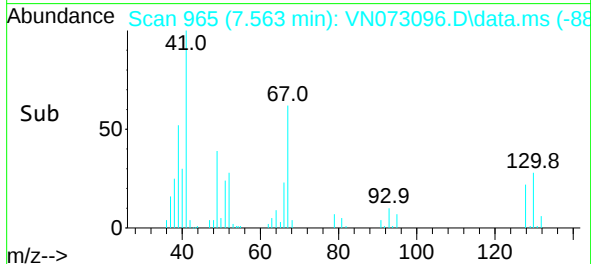
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



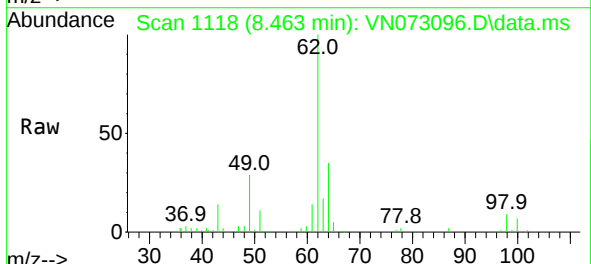
Tgt Ion: 41 Resp: 5485
Ion Ratio Lower Upper
41 100
39 52.2 28.0 83.9
67 62.1 37.7 113.1
52 28.3 17.1 51.2

Manual Integrations
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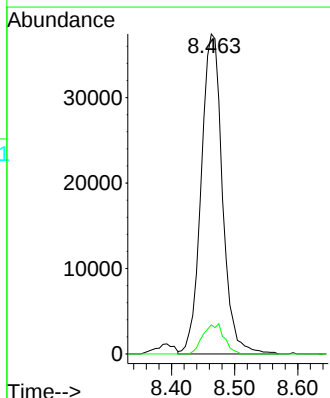
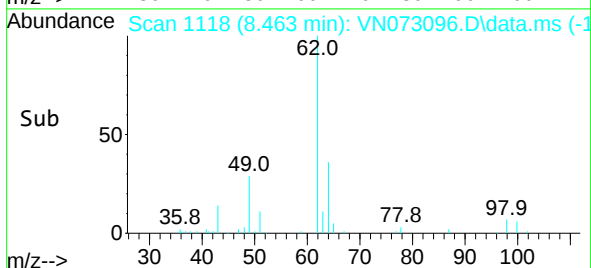
Reviewed By :John Carlone 06/25/2022
Supervised By :Mahesh Dadoda 06/28/2022

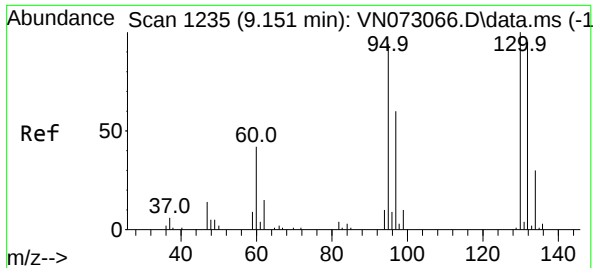


#36
1,2-Dichloroethane
Concen: 19.225 ug/l
RT: 8.463 min Scan# 1118
Delta R.T. 0.000 min
Lab File: VN073096.D
Acq: 24 Jun 2022 20:38



Tgt Ion: 62 Resp: 87290
Ion Ratio Lower Upper
62 100
98 9.3 6.6 10.0





#37

Trichloroethene

Concen: 19.223 ug/l

RT: 9.151 min Scan# 1235

Delta R.T. 0.000 min

Lab File: VN073096.D

Acq: 24 Jun 2022 20:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion:130 Resp: 5860

Ion Ratio Lower Upper

130 100

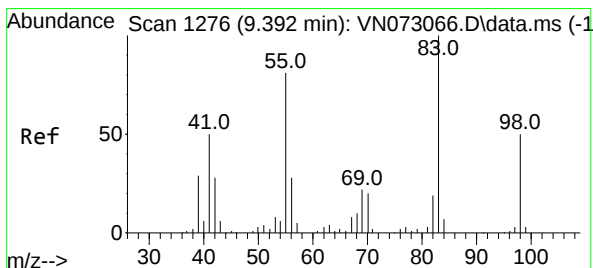
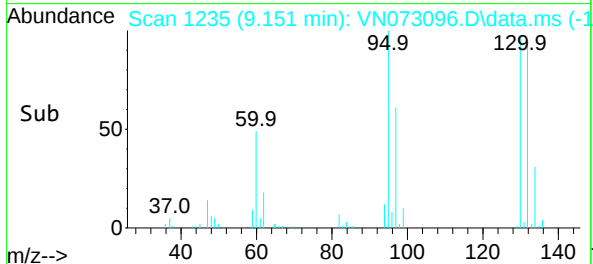
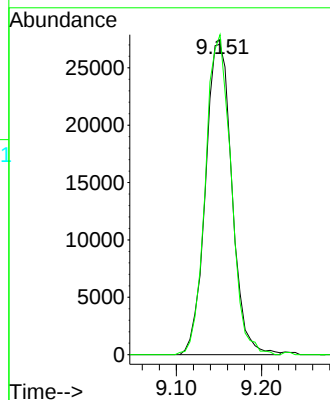
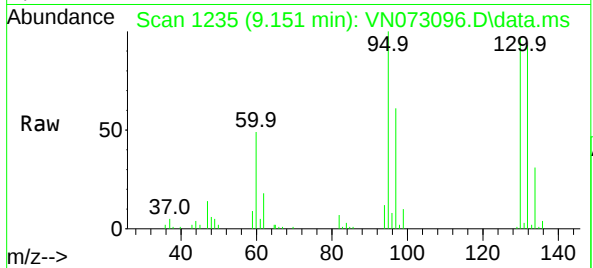
95 103.1 76.6 115.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/25/2022

Supervised By :Mahesh Dadoda 06/28/2022



#38

Methylcyclohexane

Concen: 19.036 ug/l

RT: 9.392 min Scan# 1276

Delta R.T. 0.000 min

Lab File: VN073096.D

Acq: 24 Jun 2022 20:38

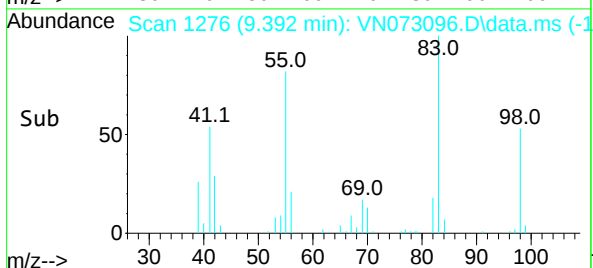
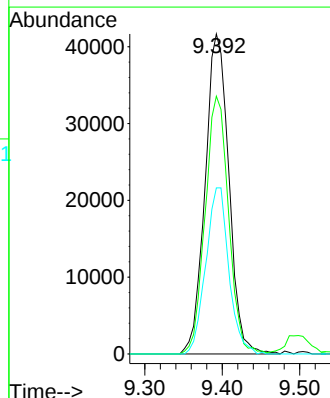
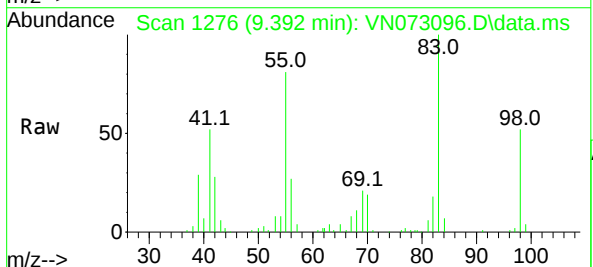
Tgt Ion: 83 Resp: 88740

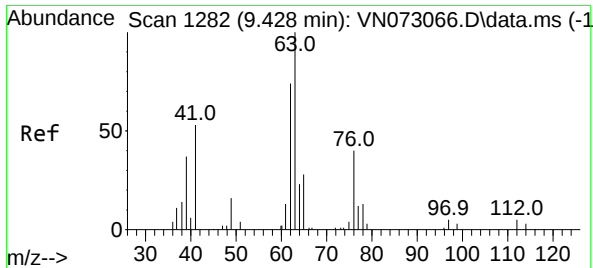
Ion Ratio Lower Upper

83 100

55 79.3 35.1 105.3

98 50.4 23.4 70.2





#39

1,2-Dichloropropane

Concen: 19.610 ug/l

RT: 9.422 min Scan# 1281

Delta R.T. -0.006 min

Lab File: VN073096.D

Acq: 24 Jun 2022 20:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 63 Resp: 6212

Ion Ratio Lower Upper

63 100

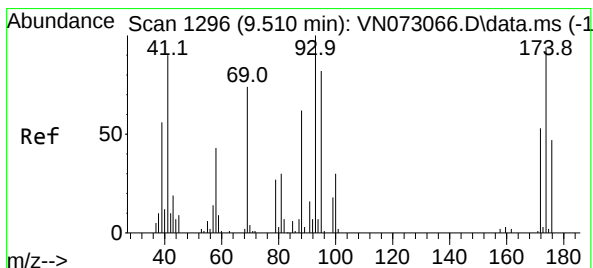
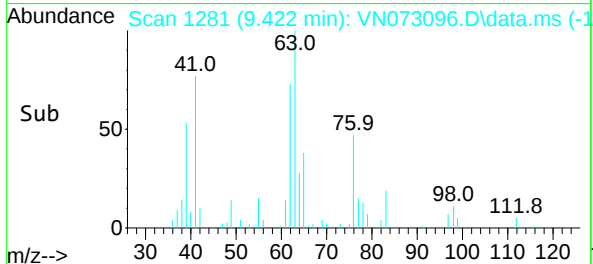
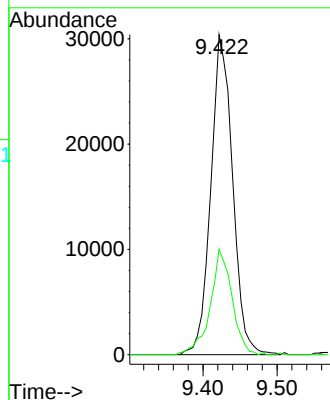
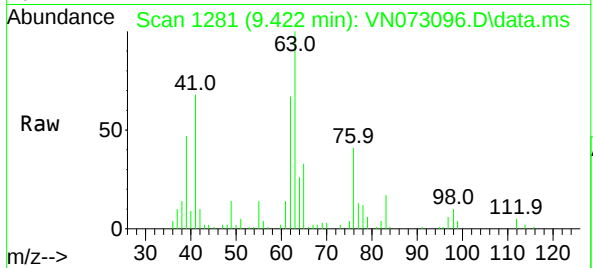
65 32.3 24.2 36.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/25/2022

Supervised By :Mahesh Dadoda 06/28/2022



#40

Dibromomethane

Concen: 19.702 ug/l

RT: 9.516 min Scan# 1297

Delta R.T. 0.006 min

Lab File: VN073096.D

Acq: 24 Jun 2022 20:38

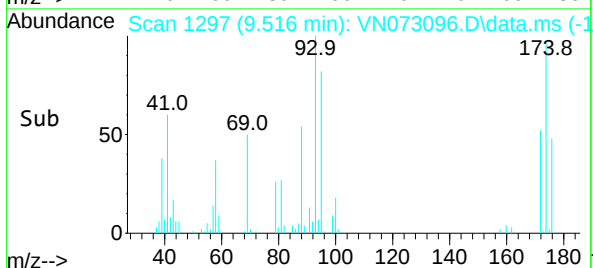
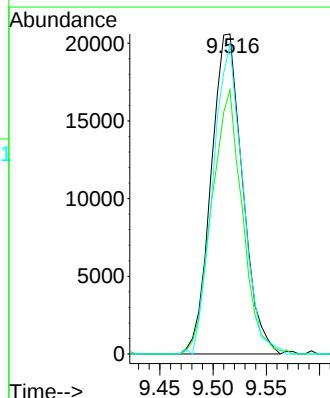
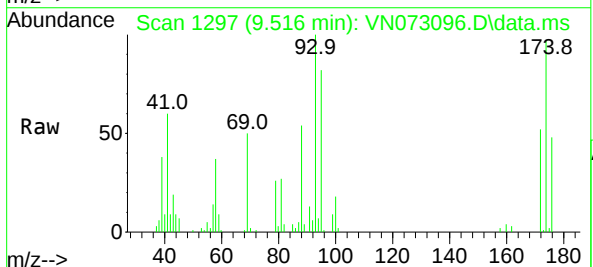
Tgt Ion: 93 Resp: 42234

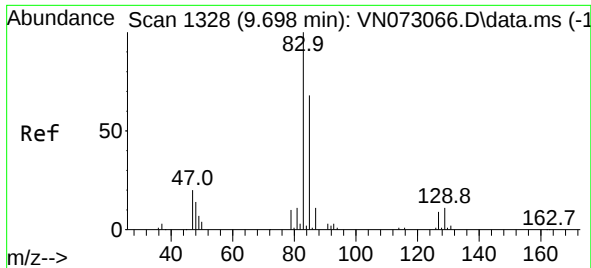
Ion Ratio Lower Upper

93 100

95 80.2 0.0 168.8

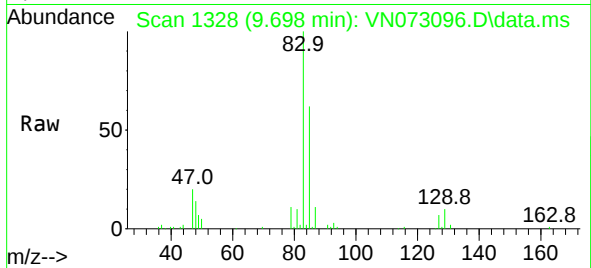
174 91.6 0.0 173.6





#41
Bromodichloromethane
Concen: 19.220 ug/l
RT: 9.698 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN073096.D
Acq: 24 Jun 2022 20:38

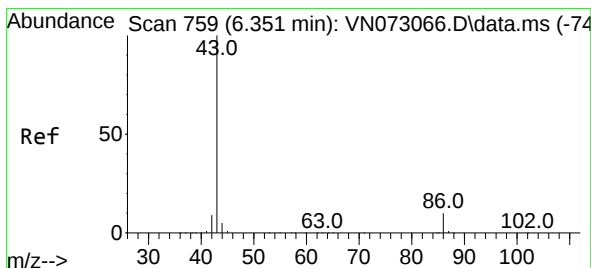
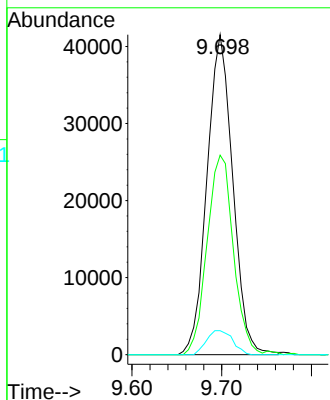
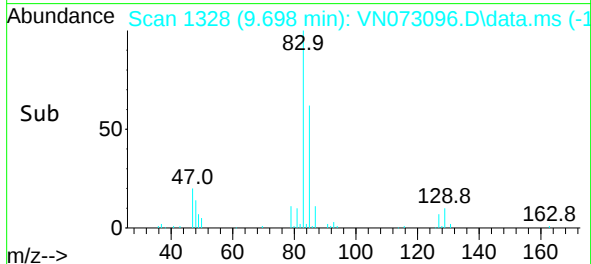
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



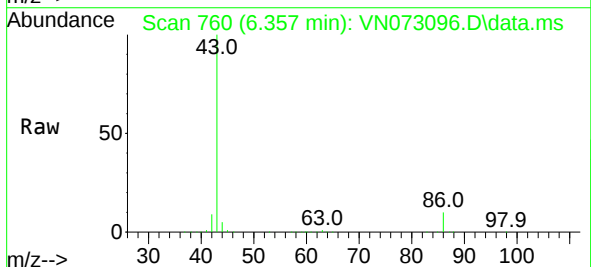
Tgt Ion: 83 Resp: 8289
Ion Ratio Lower Upper
83 100
85 62.4 54.1 81.1
127 7.5 7.6 11.4

Manual Integrations
APPROVED

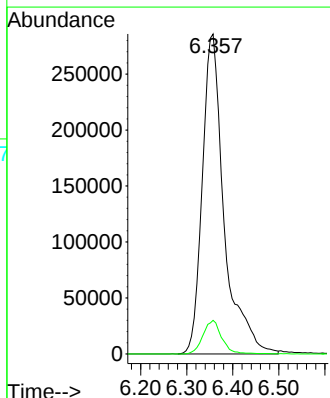
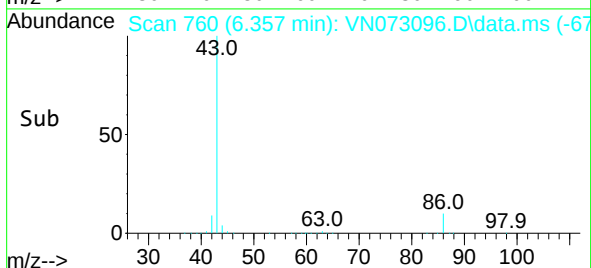
Reviewed By :John Carlone 06/25/2022
Supervised By :Mahesh Dadoda 06/28/2022

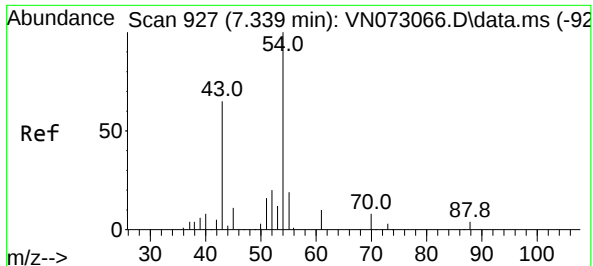


#42
Vinyl Acetate
Concen: 100.572 ug/l
RT: 6.357 min Scan# 760
Delta R.T. 0.006 min
Lab File: VN073096.D
Acq: 24 Jun 2022 20:38



Tgt Ion: 43 Resp: 942598
Ion Ratio Lower Upper
43 100
86 8.9 7.5 11.3





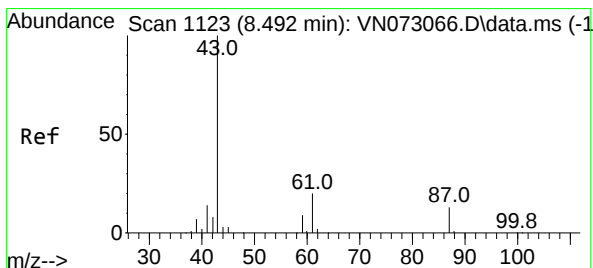
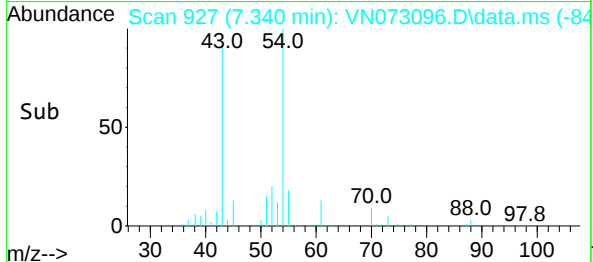
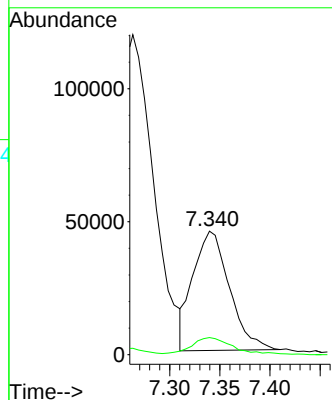
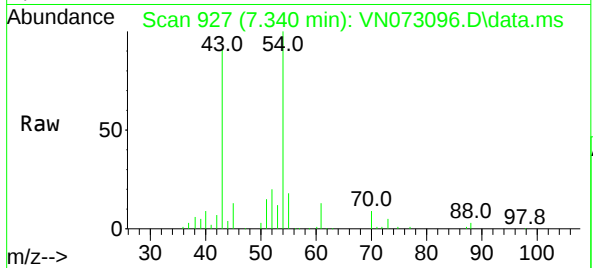
#43
Ethyl Acetate
Concen: 19.836 ug/l
RT: 7.340 min Scan# 911
Delta R.T. 0.000 min
Lab File: VN073096.D
Acq: 24 Jun 2022 20:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 43 Resp: 11324
Ion Ratio Lower Upper
43 100
45 13.8 10.6 16.0

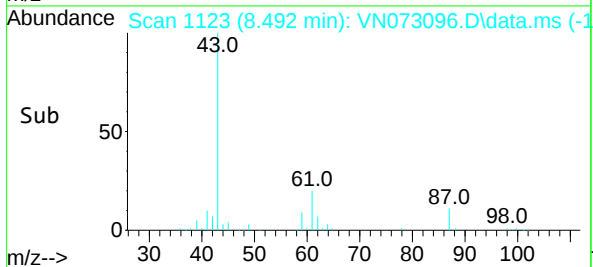
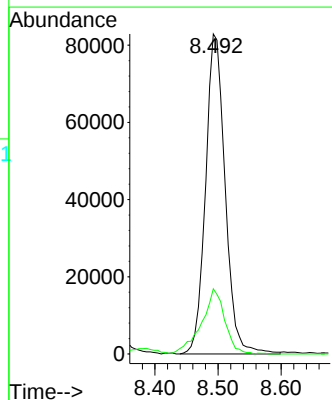
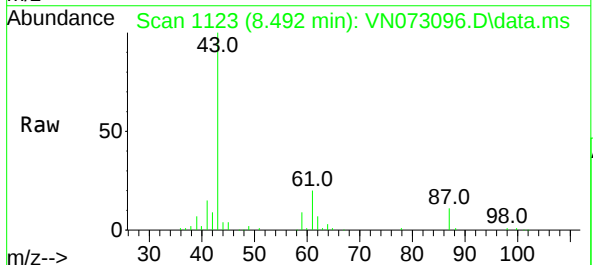
Manual Integrations
APPROVED

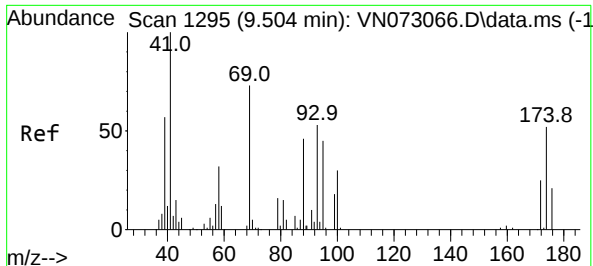
Reviewed By :John Carlone 06/25/2022
Supervised By :Mahesh Dadoda 06/28/2022



#44
Isopropyl Acetate
Concen: 20.302 ug/l
RT: 8.492 min Scan# 1123
Delta R.T. 0.000 min
Lab File: VN073096.D
Acq: 24 Jun 2022 20:38

Tgt Ion: 43 Resp: 178973
Ion Ratio Lower Upper
43 100
61 24.1 20.1 30.1





#45

1,4-Dioxane

Concen: 425.998 ug/l

RT: 9.510 min Scan# 1296

Delta R.T. 0.006 min

Lab File: VN073096.D

Acq: 24 Jun 2022 20:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 88 Resp: 3345

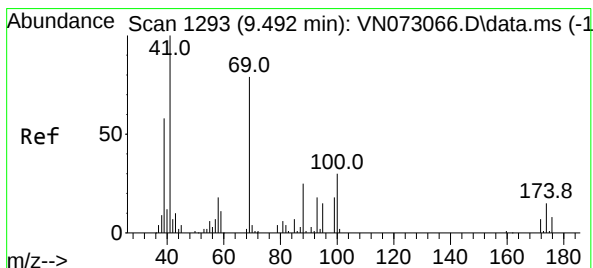
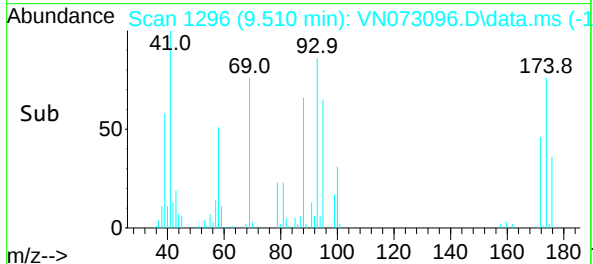
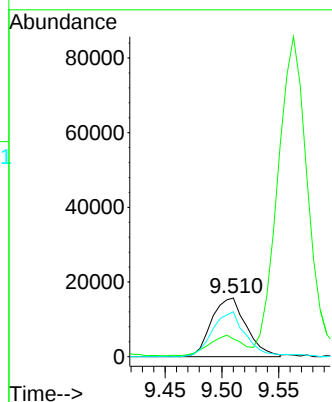
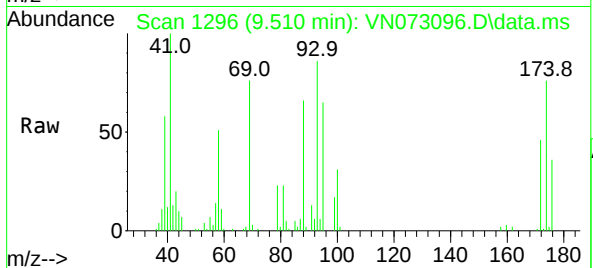
Ion	Ratio	Lower	Upper
88	100		
43	33.0	25.0	37.6
58	73.6	49.4	74.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/25/2022

Supervised By :Mahesh Dadoda 06/28/2022



#46

Methyl methacrylate

Concen: 19.326 ug/l

RT: 9.498 min Scan# 1294

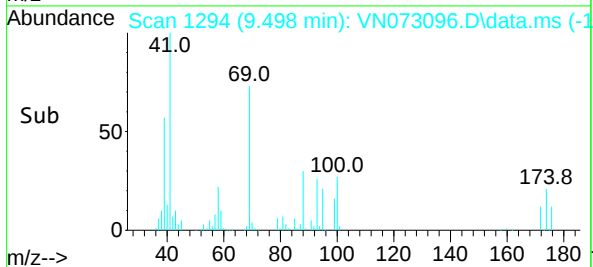
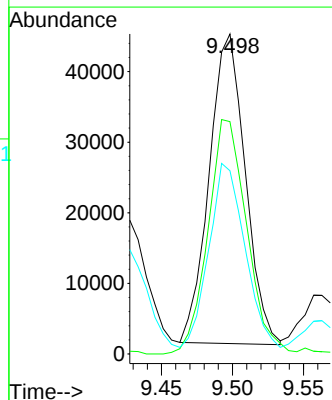
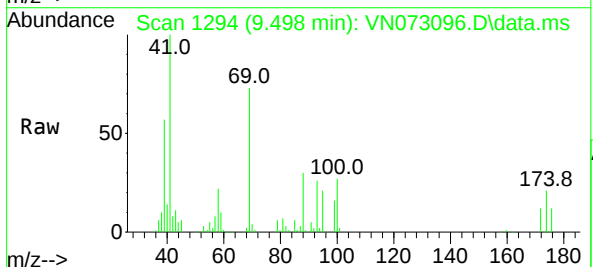
Delta R.T. 0.006 min

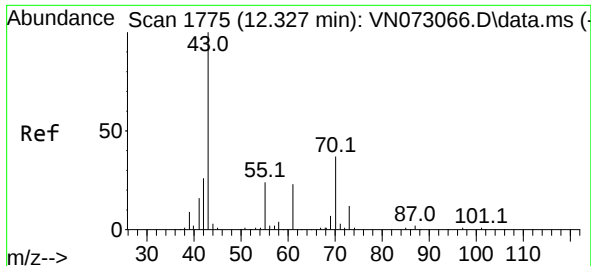
Lab File: VN073096.D

Acq: 24 Jun 2022 20:38

Tgt Ion: 41 Resp: 77523

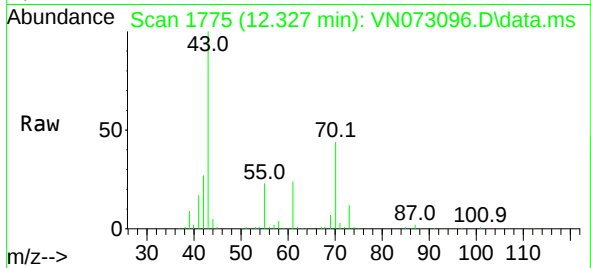
Ion	Ratio	Lower	Upper
41	100		
69	73.6	44.4	133.2
39	57.3	39.9	119.6





#47
n-amyl acetate
Concen: 19.481 ug/l
RT: 12.327 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN073096.D
Acq: 24 Jun 2022 20:38

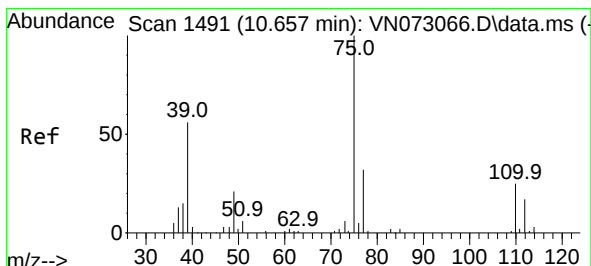
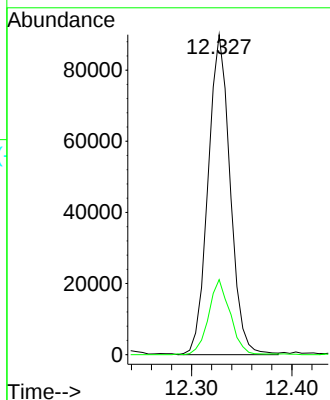
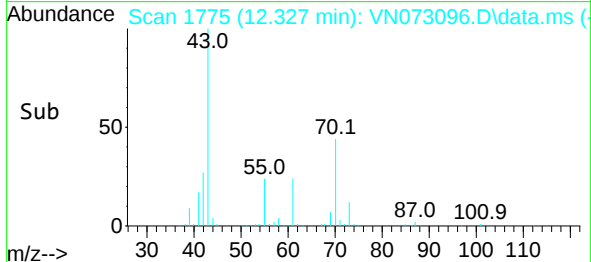
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



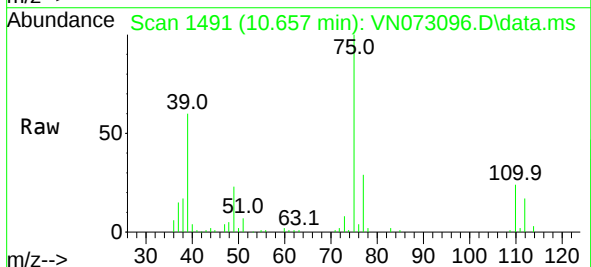
Tgt Ion: 43 Resp: 137629
Ion Ratio Lower Upper
43 100
55 22.9 19.0 28.6

Manual Integrations
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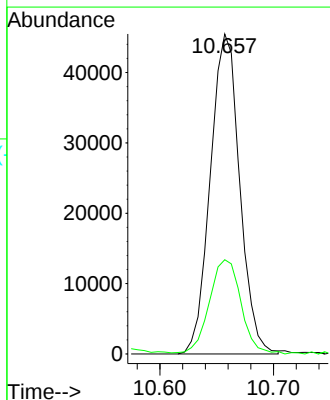
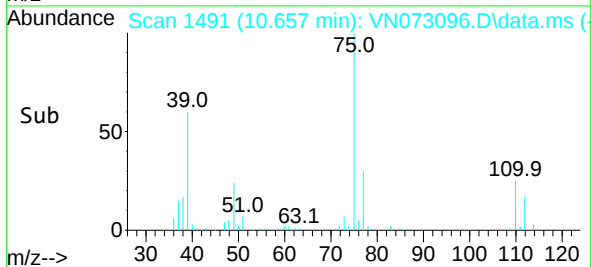
Reviewed By :John Carlone 06/25/2022
Supervised By :Mahesh Dadoda 06/28/2022

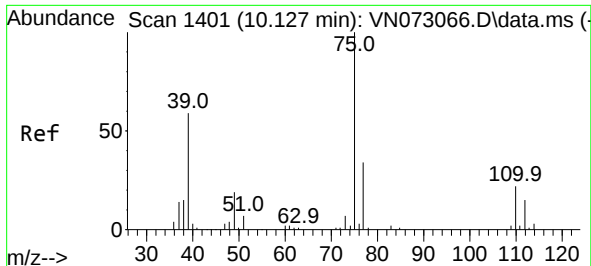


#48
t-1,3-Dichloropropene
Concen: 20.278 ug/l
RT: 10.657 min Scan# 1491
Delta R.T. 0.000 min
Lab File: VN073096.D
Acq: 24 Jun 2022 20:38



Tgt Ion: 75 Resp: 81795
Ion Ratio Lower Upper
75 100
77 29.0 25.3 37.9





#49

cis-1,3-Dichloropropene

Concen: 20.958 ug/l

RT: 10.128 min Scan# 1401

Delta R.T. 0.000 min

Lab File: VN073096.D

Acq: 24 Jun 2022 20:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 75 Resp: 9154

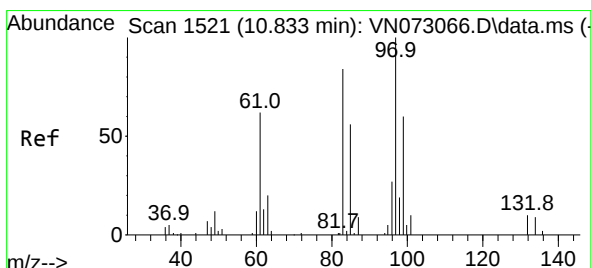
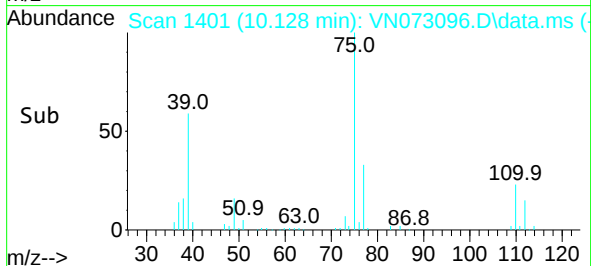
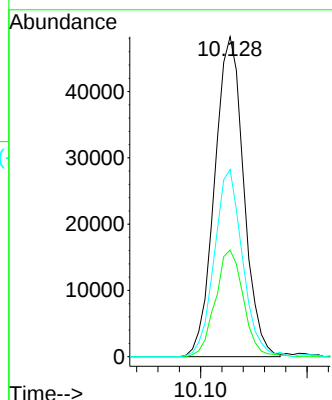
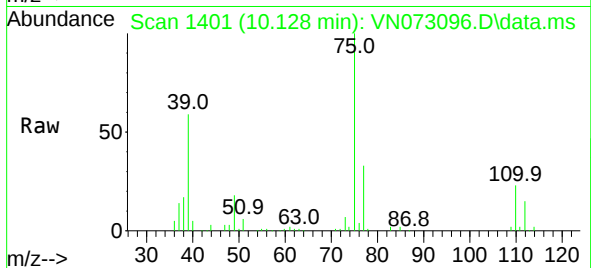
Ion	Ratio	Lower	Upper
75	100		
77	33.3	25.3	37.9
39	58.5	46.2	69.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/25/2022

Supervised By :Mahesh Dadoda 06/28/2022



#50

1,1,2-Trichloroethane

Concen: 19.238 ug/l

RT: 10.839 min Scan# 1522

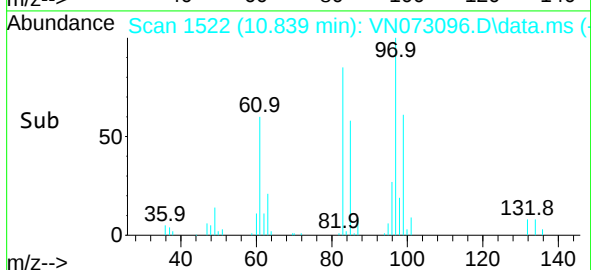
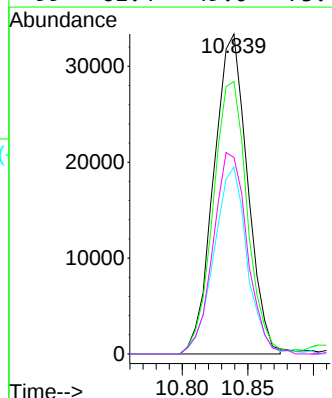
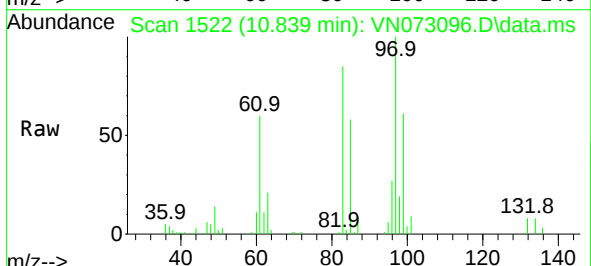
Delta R.T. 0.006 min

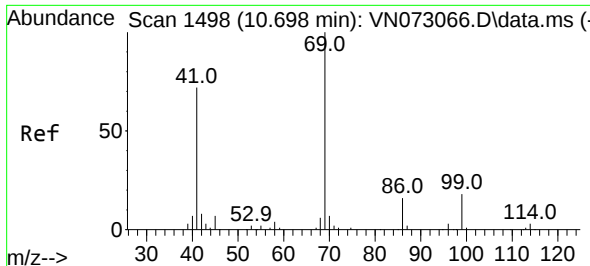
Lab File: VN073096.D

Acq: 24 Jun 2022 20:38

Tgt Ion: 97 Resp: 59742

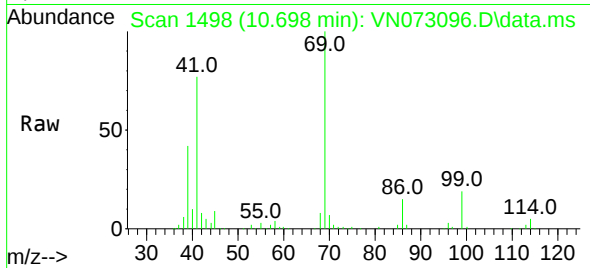
Ion	Ratio	Lower	Upper
97	100		
83	85.2	67.2	100.8
85	58.3	43.0	64.4
99	61.4	49.0	73.4





#51
Ethyl methacrylate
Concen: 18.723 ug/l
RT: 10.698 min Scan# 1498
Delta R.T. 0.000 min
Lab File: VN073096.D
Acq: 24 Jun 2022 20:38

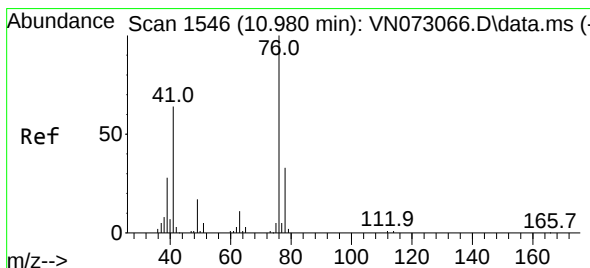
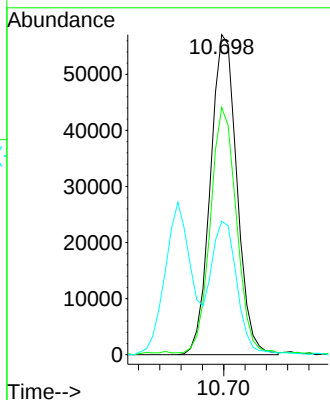
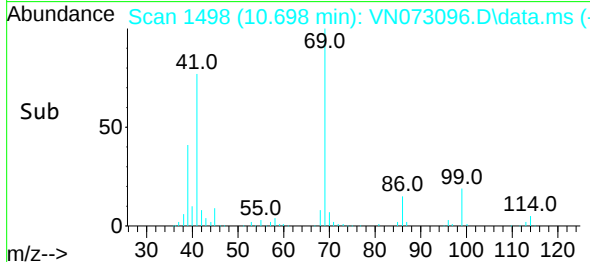
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



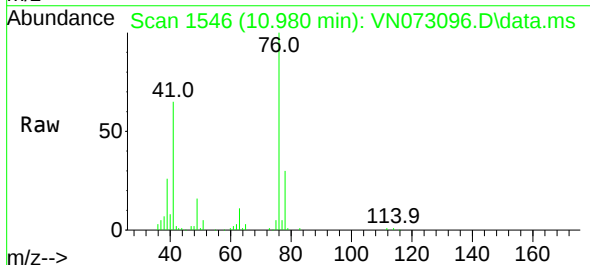
Tgt Ion: 69 Resp: 98464
Ion Ratio Lower Upper
69 100
41 76.8 33.0 98.9
39 41.2 25.4 76.4

Manual Integrations
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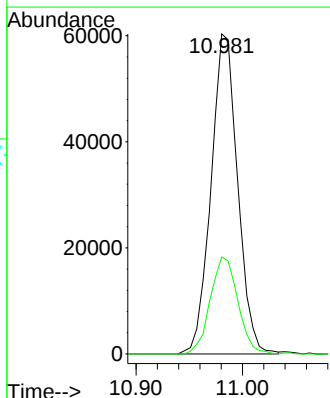
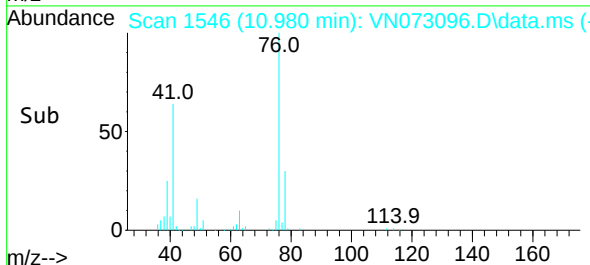
Reviewed By :John Carlone 06/25/2022
Supervised By :Mahesh Dadoda 06/28/2022

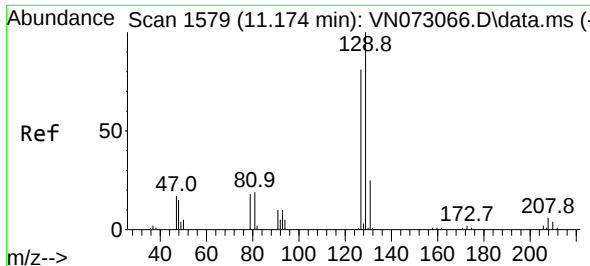


#52
1,3-Dichloropropane
Concen: 19.605 ug/l
RT: 10.980 min Scan# 1546
Delta R.T. 0.000 min
Lab File: VN073096.D
Acq: 24 Jun 2022 20:38



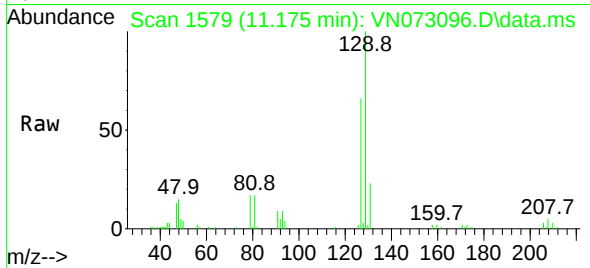
Tgt Ion: 76 Resp: 104720
Ion Ratio Lower Upper
76 100
78 31.4 0.0 65.4





#53
Dibromochloromethane
Concen: 18.698 ug/l
RT: 11.175 min Scan# 1579
Delta R.T. 0.000 min
Lab File: VN073096.D
Acq: 24 Jun 2022 20:38

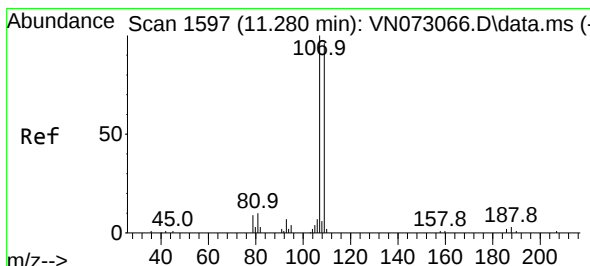
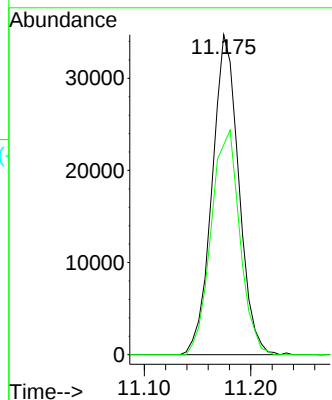
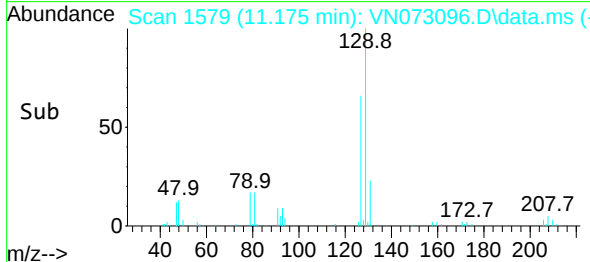
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



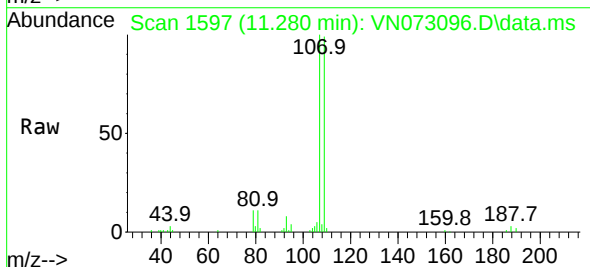
Tgt Ion:129 Resp: 60370
Ion Ratio Lower Upper
129 100
127 75.3 39.0 117.0

Manual Integrations
APPROVED

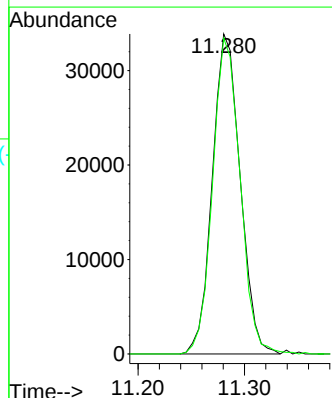
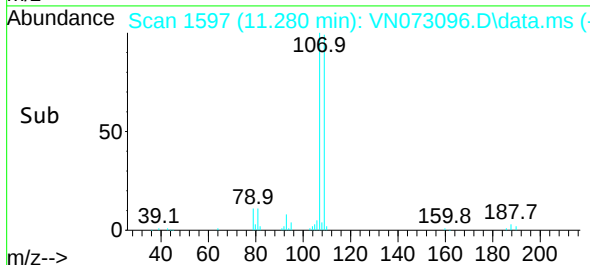
Reviewed By :John Carlone 06/25/2022
Supervised By :Mahesh Dadoda 06/28/2022

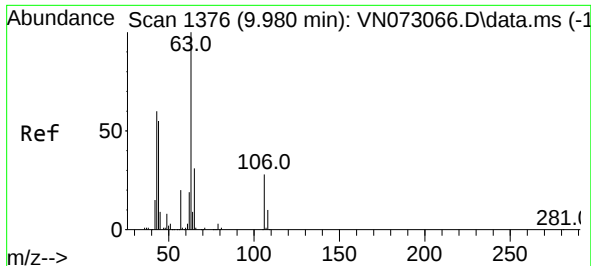


#54
1,2-Dibromoethane
Concen: 18.835 ug/l
RT: 11.280 min Scan# 1597
Delta R.T. 0.000 min
Lab File: VN073096.D
Acq: 24 Jun 2022 20:38



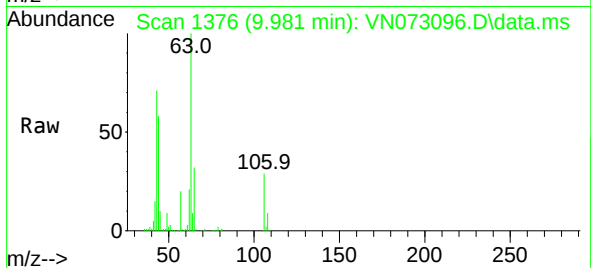
Tgt Ion:107 Resp: 61437
Ion Ratio Lower Upper
107 100
109 97.5 72.8 109.2





#55
2-Chloroethyl vinyl ether
Concen: 116.113 ug/l
RT: 9.981 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VN073096.D
Acq: 24 Jun 2022 20:38

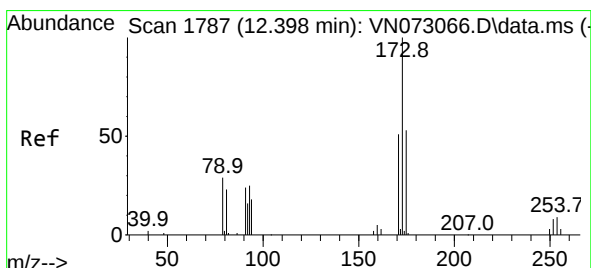
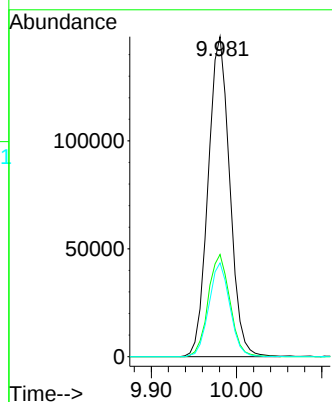
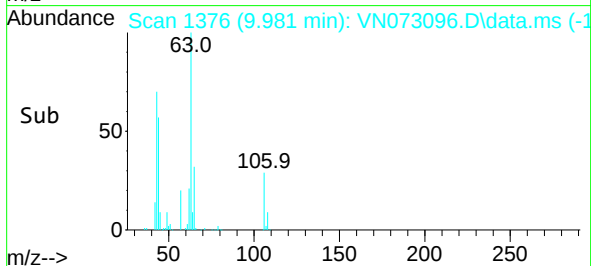
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 63 Resp: 260838
Ion Ratio Lower Upper
63 100
65 32.1 25.4 38.0
106 28.4 23.2 34.8

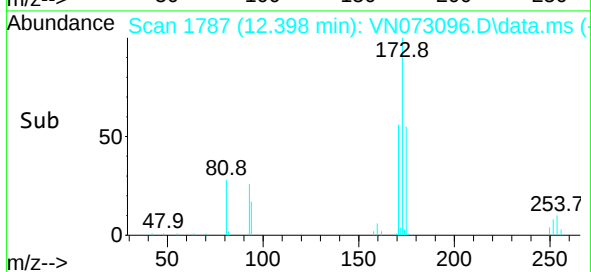
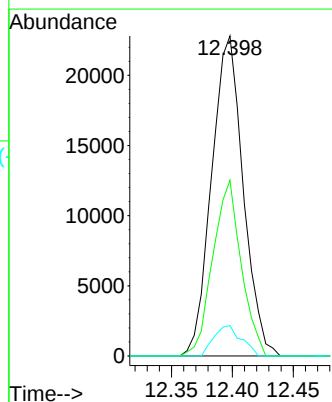
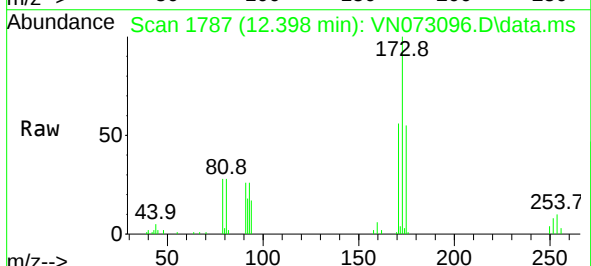
Manual Integrations
APPROVED

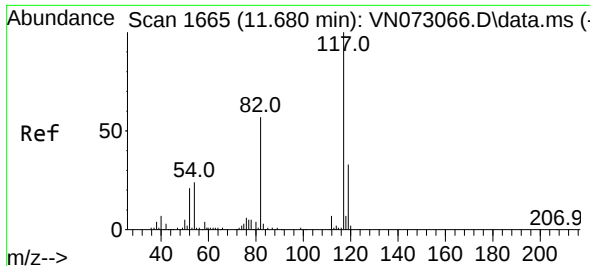
Reviewed By :John Carlone 06/25/2022
Supervised By :Mahesh Dadoda 06/28/2022



#56
Bromoform
Concen: 17.383 ug/l
RT: 12.398 min Scan# 1787
Delta R.T. 0.000 min
Lab File: VN073096.D
Acq: 24 Jun 2022 20:38

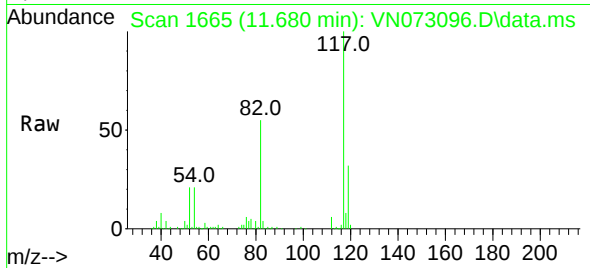
Tgt Ion:173 Resp: 41114
Ion Ratio Lower Upper
173 100
175 49.4 38.6 58.0
254 8.2 0.0 0.0#





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.680 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VN073096.D
Acq: 24 Jun 2022 20:38

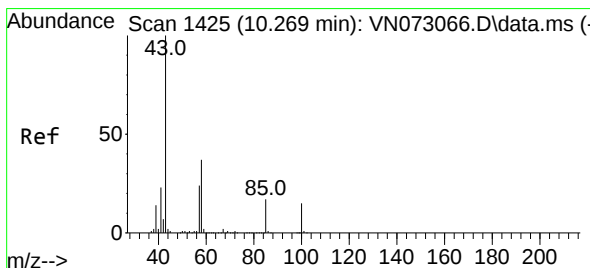
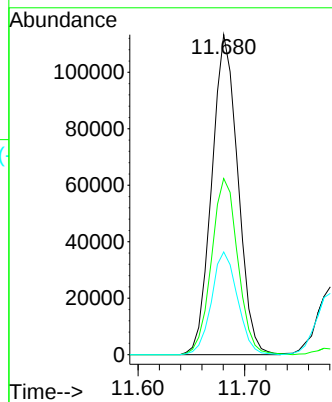
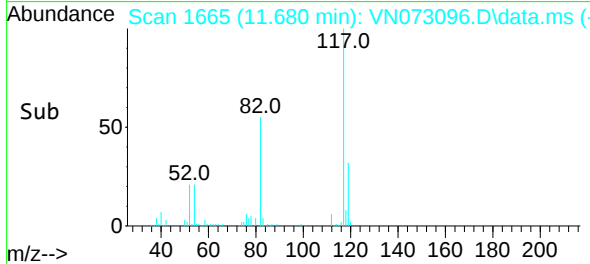
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 117 Resp: 19288
Ion Ratio Lower Upper
117 100
82 55.6 43.6 65.4
119 32.0 25.8 38.6

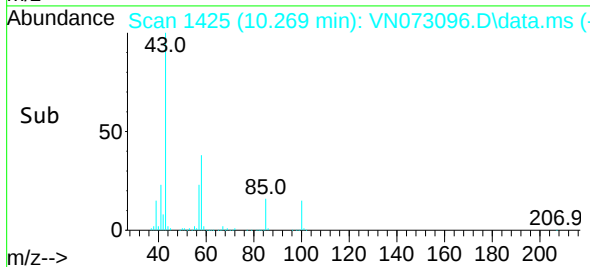
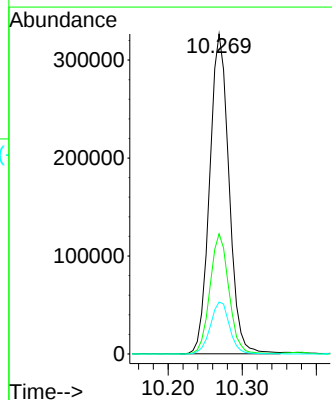
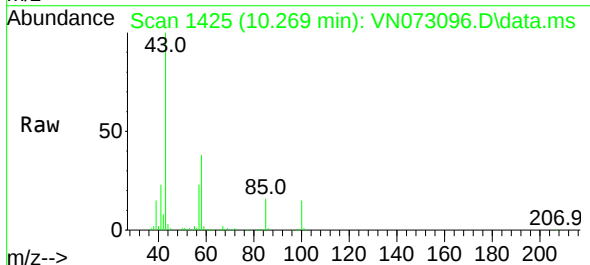
Manual Integrations
APPROVED

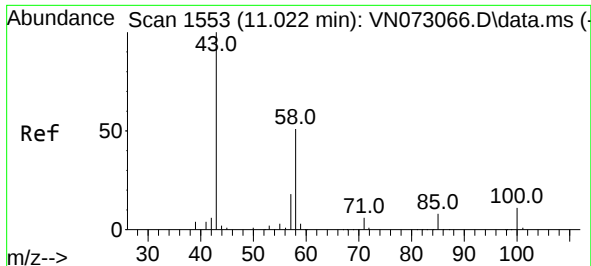
Reviewed By :John Carlone 06/25/2022
Supervised By :Mahesh Dadoda 06/28/2022



#58
4-Methyl-2-Pentanone
Concen: 105.648 ug/l
RT: 10.269 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VN073096.D
Acq: 24 Jun 2022 20:38

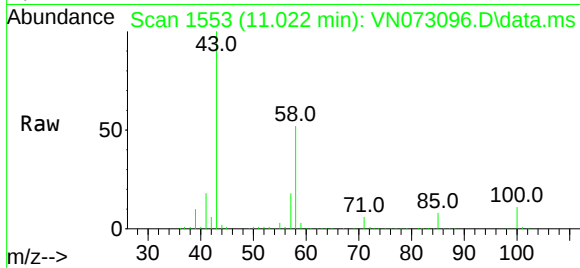
Tgt Ion: 43 Resp: 592698
Ion Ratio Lower Upper
43 100
58 36.7 30.0 45.0
85 16.1 15.0 22.6





#59
2-Hexanone
Concen: 107.601 ug/l
RT: 11.022 min Scan# 1553
Delta R.T. 0.000 min
Lab File: VN073096.D
Acq: 24 Jun 2022 20:38

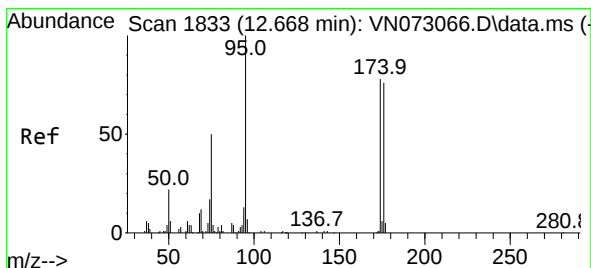
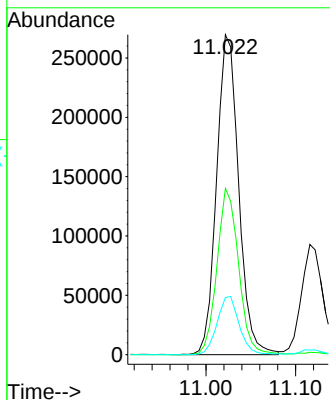
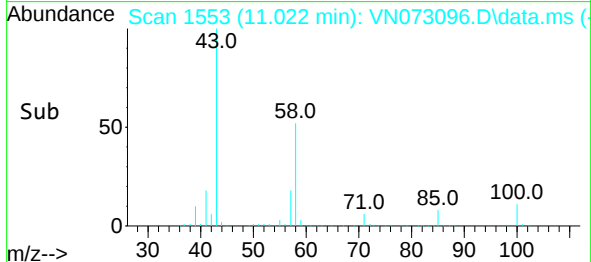
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



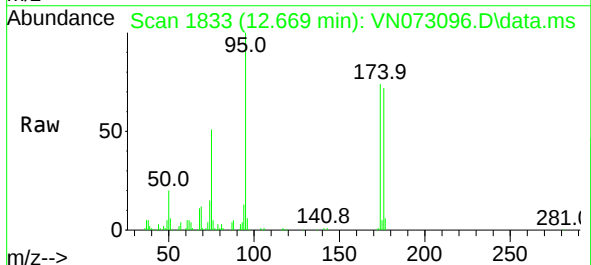
Tgt Ion: 43 Resp: 461082
Ion Ratio Lower Upper
43 100
58 50.9 42.2 63.2
57 18.3 15.0 22.4

Manual Integrations
APPROVED

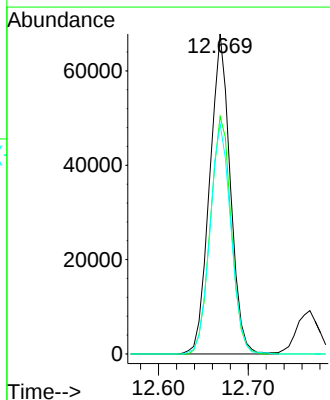
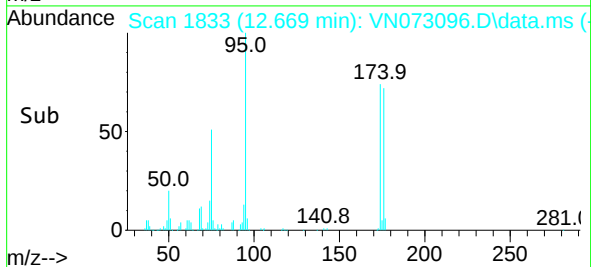
Reviewed By :John Carlone 06/25/2022
Supervised By :Mahesh Dadoda 06/28/2022

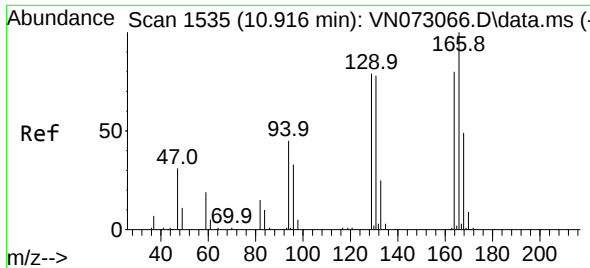


#60
4-Bromofluorobenzene
Concen: 29.246 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN073096.D
Acq: 24 Jun 2022 20:38



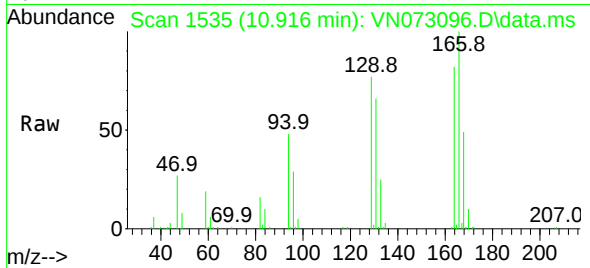
Tgt Ion: 95 Resp: 107925
Ion Ratio Lower Upper
95 100
174 75.1 62.9 94.3
176 73.0 61.0 91.4





#61
Tetrachloroethene
Concen: 20.488 ug/l
RT: 10.916 min Scan# 1535
Delta R.T. 0.000 min
Lab File: VN073096.D
Acq: 24 Jun 2022 20:38

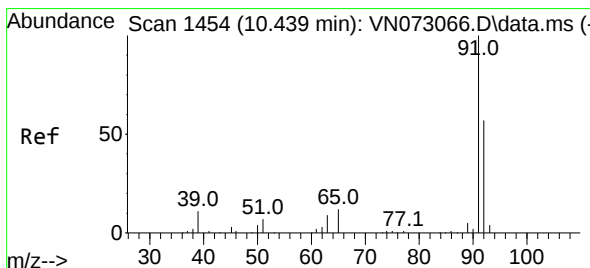
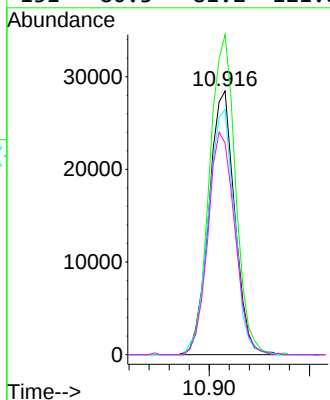
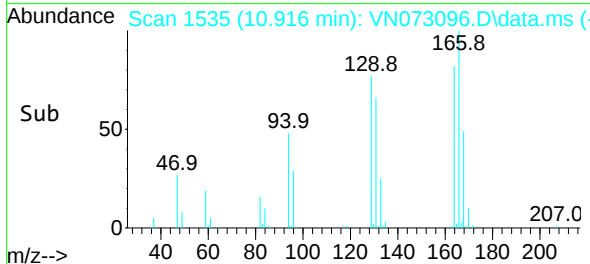
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



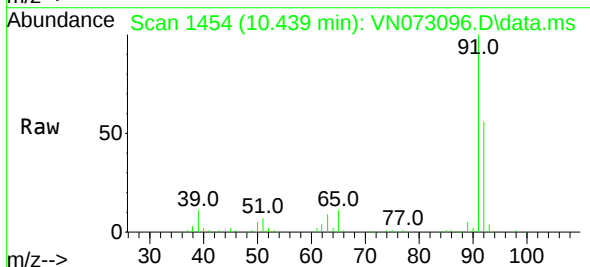
Tgt Ion:164 Resp: 51094
Ion Ratio Lower Upper
164 100
166 121.3 105.8 158.8
129 93.0 82.5 123.7
131 80.3 81.2 121.8#

Manual Integrations
APPROVED

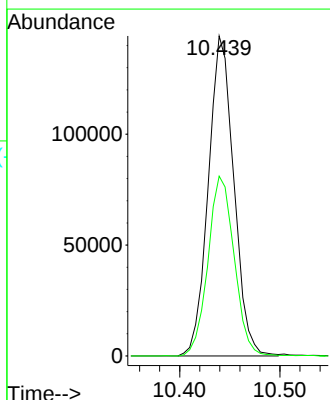
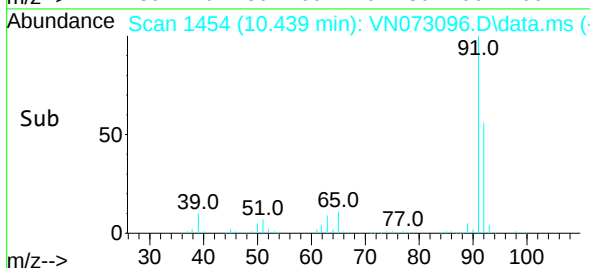
Reviewed By :John Carlone 06/25/2022
Supervised By :Mahesh Dadoda 06/28/2022

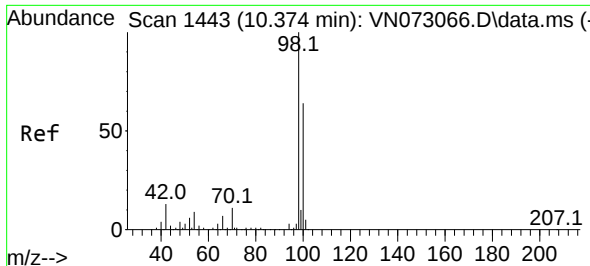


#62
Toluene
Concen: 19.903 ug/l
RT: 10.439 min Scan# 1454
Delta R.T. 0.000 min
Lab File: VN073096.D
Acq: 24 Jun 2022 20:38



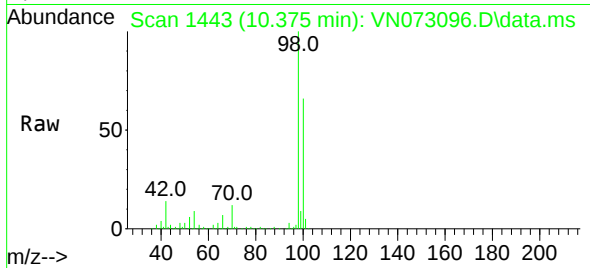
Tgt Ion: 91 Resp: 255192
Ion Ratio Lower Upper
91 100
92 57.7 44.6 67.0





#63
Toluene-d8
Concen: 30.897 ug/l
RT: 10.375 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN073096.D
Acq: 24 Jun 2022 20:38

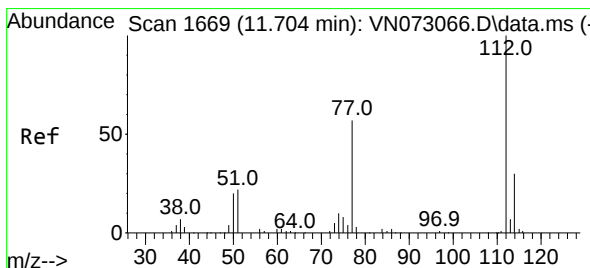
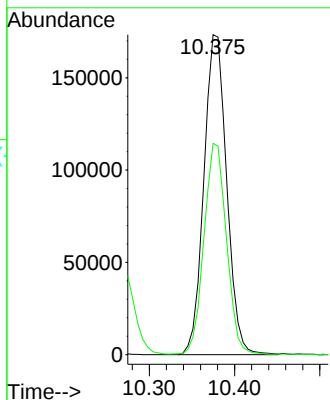
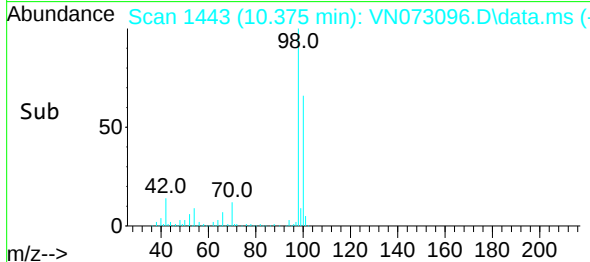
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 98 Resp: 322718
Ion Ratio Lower Upper
98 100
100 65.3 50.6 76.0

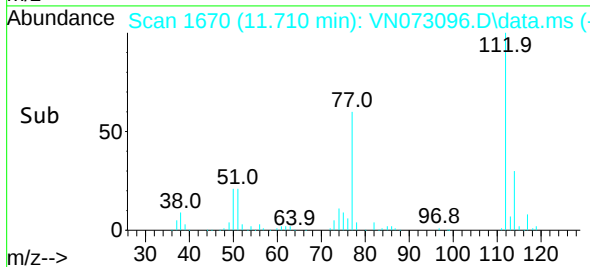
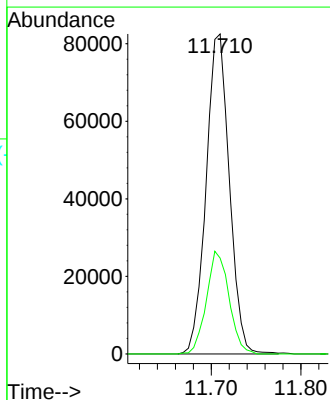
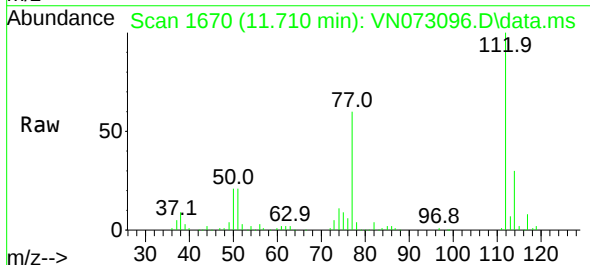
Manual Integrations
APPROVED

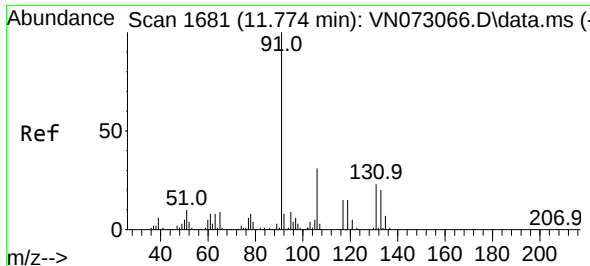
Reviewed By :John Carlone 06/25/2022
Supervised By :Mahesh Dadoda 06/28/2022



#64
Chlorobenzene
Concen: 19.240 ug/l
RT: 11.710 min Scan# 1670
Delta R.T. 0.006 min
Lab File: VN073096.D
Acq: 24 Jun 2022 20:38

Tgt Ion:112 Resp: 148436
Ion Ratio Lower Upper
112 100
114 30.0 25.8 38.6





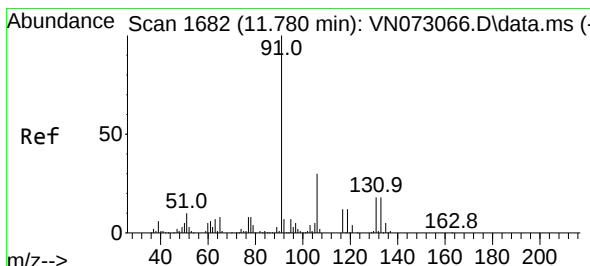
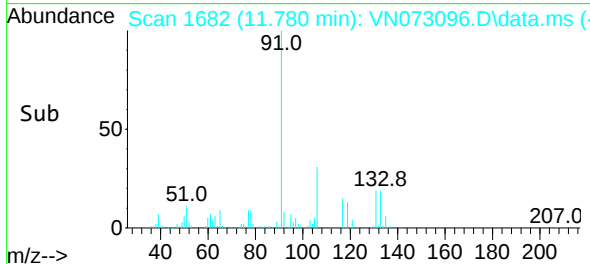
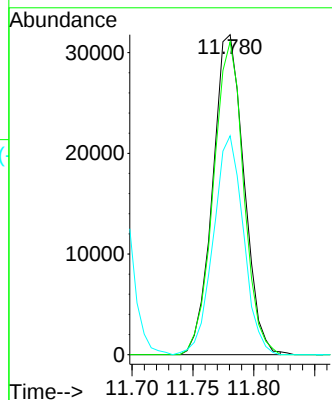
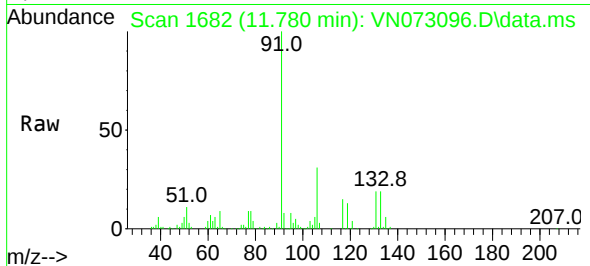
#65
1,1,1,2-Tetrachloroethane
Concen: 19.375 ug/l
RT: 11.780 min Scan# 1681
Delta R.T. 0.006 min
Lab File: VN073096.D
Acq: 24 Jun 2022 20:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:131 Resp: 5678
Ion Ratio Lower Upper
131 100
133 94.4 0.0 191.2
119 65.8 0.0 128.8

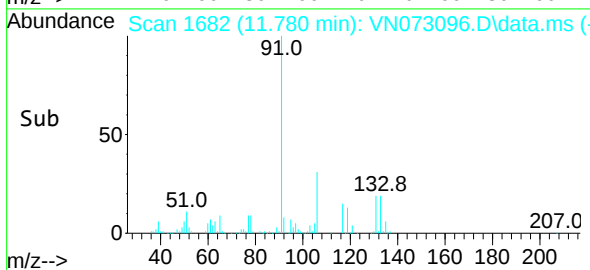
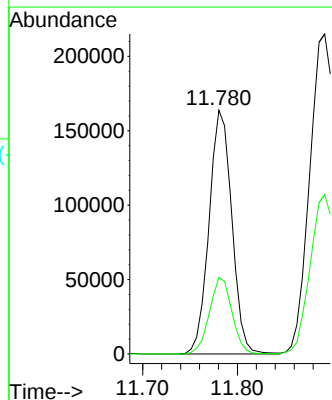
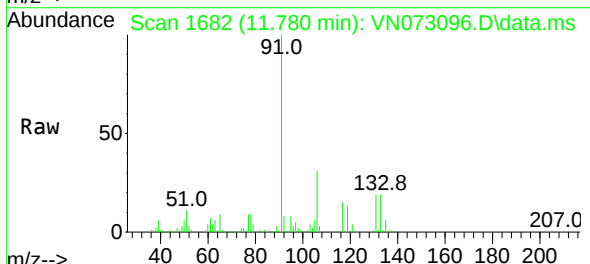
Manual Integrations
APPROVED

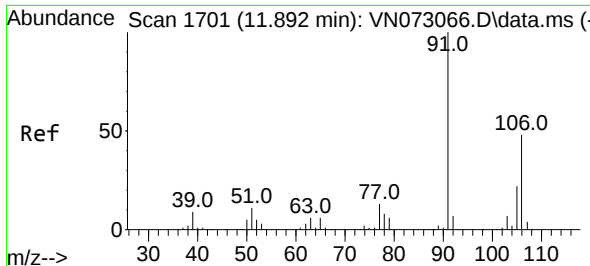
Reviewed By :John Carlone 06/25/2022
Supervised By :Mahesh Dadoda 06/28/2022



#66
Ethyl Benzene
Concen: 19.347 ug/l
RT: 11.780 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VN073096.D
Acq: 24 Jun 2022 20:38

Tgt Ion: 91 Resp: 273300
Ion Ratio Lower Upper
91 100
106 31.4 24.0 36.0





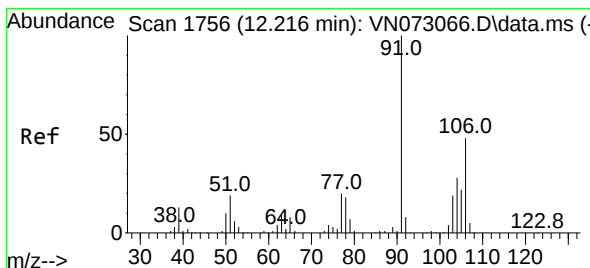
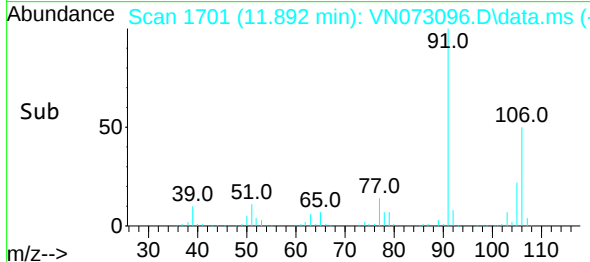
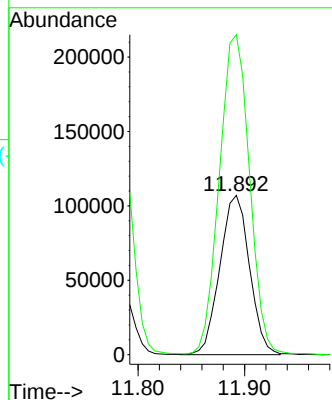
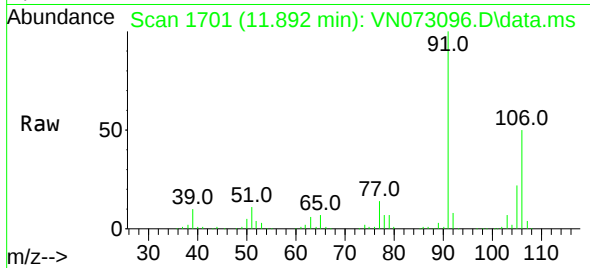
#67
m/p-Xylenes
Concen: 39.074 ug/l
RT: 11.892 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN073096.D
Acq: 24 Jun 2022 20:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:106 Resp: 206909
Ion Ratio Lower Upper
106 100
91 204.6 162.9 244.3

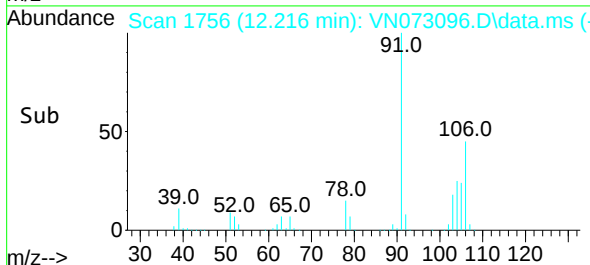
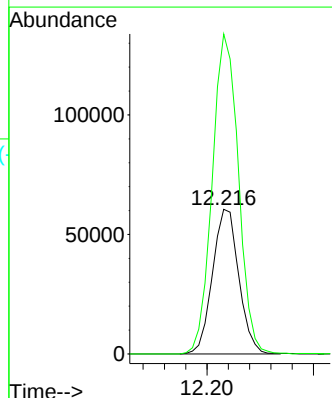
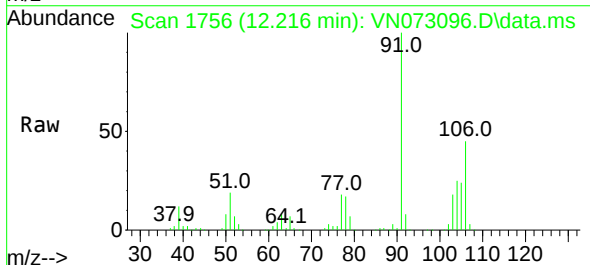
Manual Integrations
APPROVED

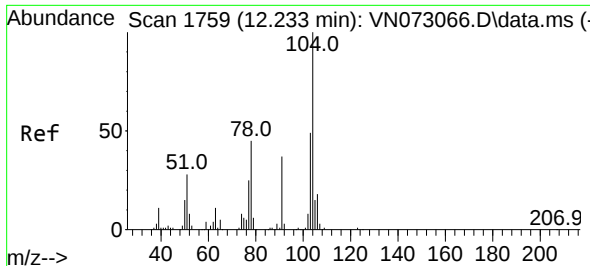
Reviewed By :John Carlone 06/25/2022
Supervised By :Mahesh Dadoda 06/28/2022



#68
o-Xylene
Concen: 19.387 ug/l
RT: 12.216 min Scan# 1756
Delta R.T. 0.000 min
Lab File: VN073096.D
Acq: 24 Jun 2022 20:38

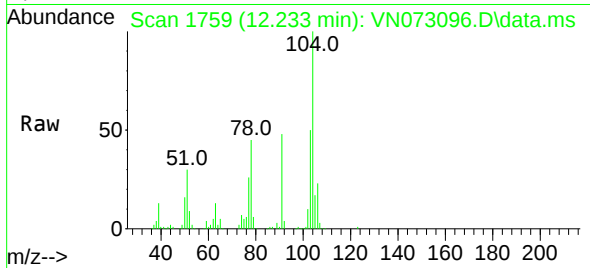
Tgt Ion:106 Resp: 103672
Ion Ratio Lower Upper
106 100
91 220.0 107.7 323.1





#69
Styrene
Concen: 19.227 ug/l
RT: 12.233 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN073096.D
Acq: 24 Jun 2022 20:38

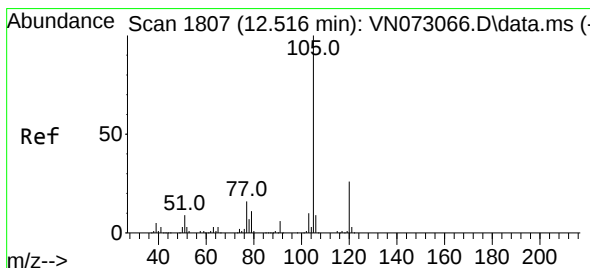
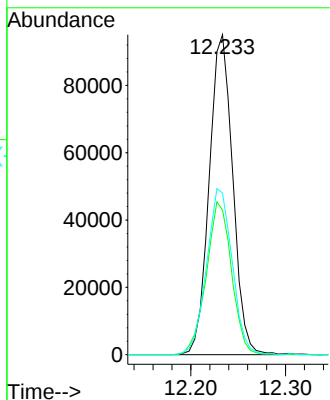
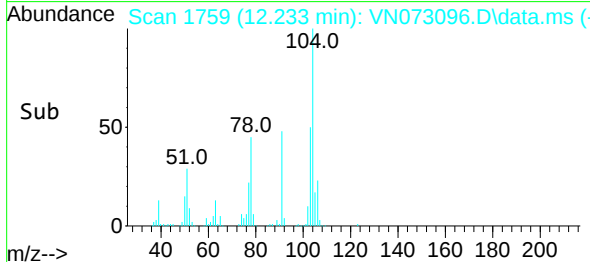
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



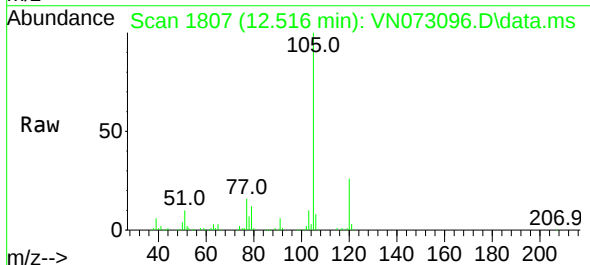
Tgt Ion:104 Resp: 164570
Ion Ratio Lower Upper
104 100
78 51.2 40.7 61.1
103 56.4 45.8 68.8

Manual Integrations
APPROVED

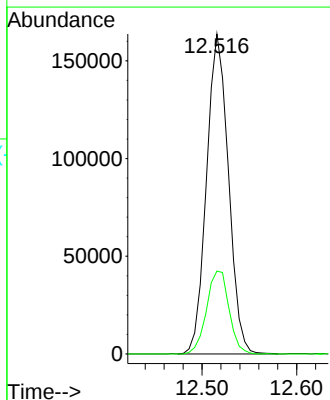
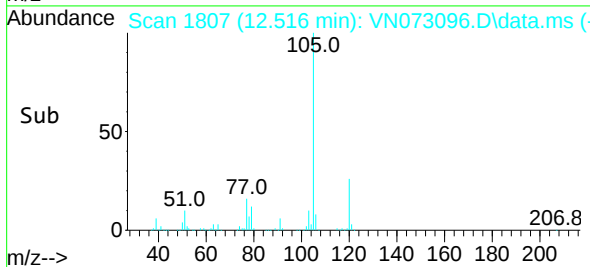
Reviewed By :John Carlone 06/25/2022
Supervised By :Mahesh Dadoda 06/28/2022

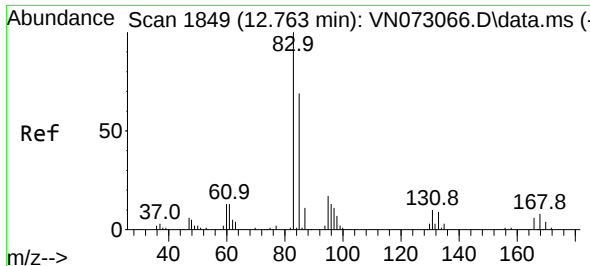


#70
Isopropylbenzene
Concen: 19.281 ug/l
RT: 12.516 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN073096.D
Acq: 24 Jun 2022 20:38



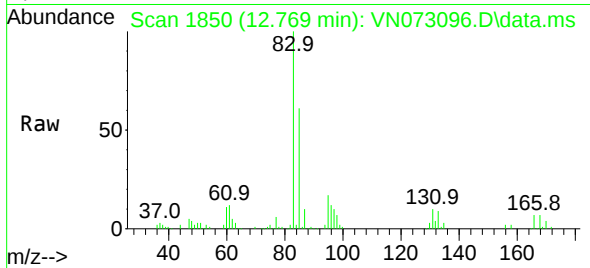
Tgt Ion:105 Resp: 263842
Ion Ratio Lower Upper
105 100
120 26.5 18.3 34.1





#71
1,1,2,2-Tetrachloroethane
Concen: 19.787 ug/l
RT: 12.769 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN073096.D
Acq: 24 Jun 2022 20:38

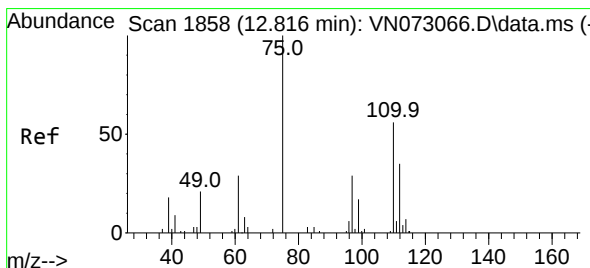
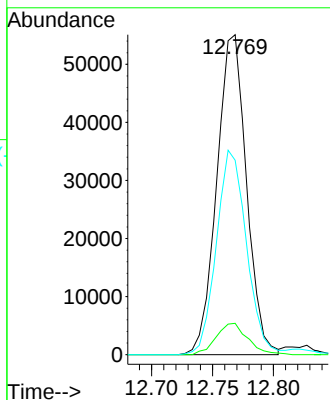
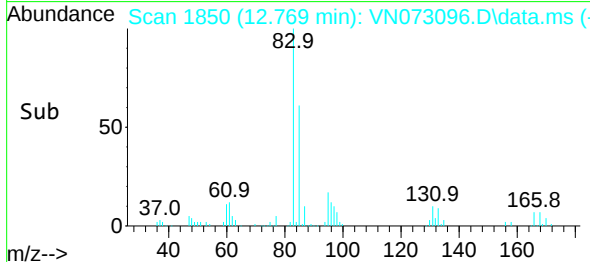
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



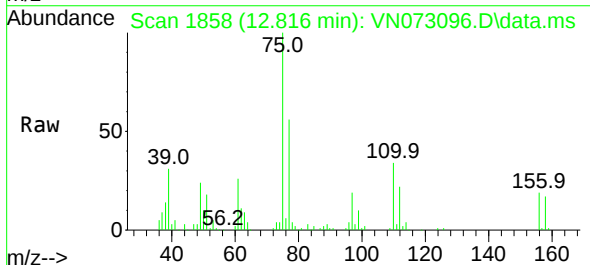
Tgt Ion: 83 Resp: 93484
Ion Ratio Lower Upper
83 100
131 10.5 5.1 15.3
85 64.9 33.1 99.2

Manual Integrations
APPROVED

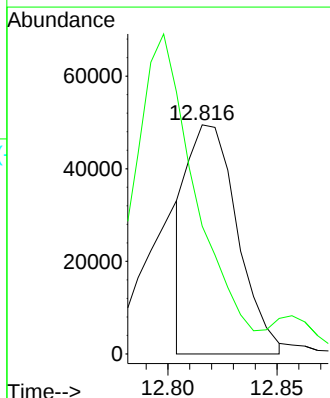
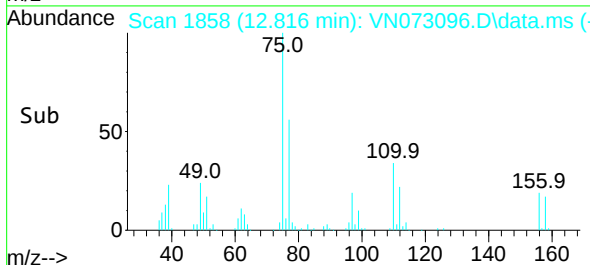
Reviewed By :John Carlone 06/25/2022
Supervised By :Mahesh Dadoda 06/28/2022

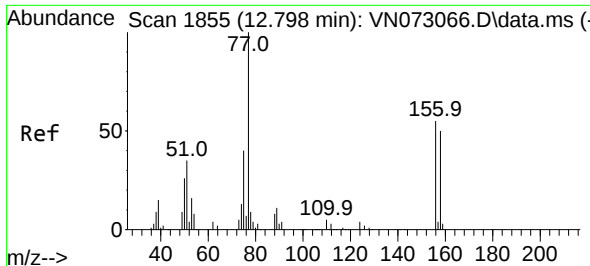


#72
1,2,3-Trichloropropane
Concen: 21.720 ug/l m
RT: 12.816 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN073096.D
Acq: 24 Jun 2022 20:38



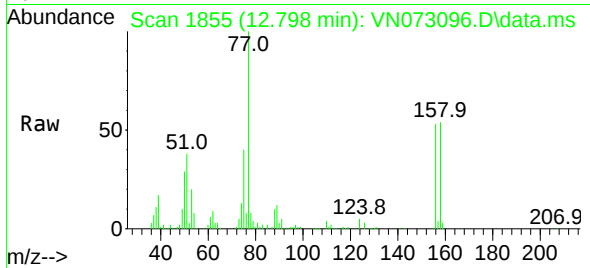
Tgt Ion: 75 Resp: 78685
Ion Ratio Lower Upper
75 100
77 174.0 0.0 378.0





#73
Bromobenzene
Concen: 19.164 ug/l
RT: 12.798 min Scan# 1855
Delta R.T. 0.000 min
Lab File: VN073096.D
Acq: 24 Jun 2022 20:38

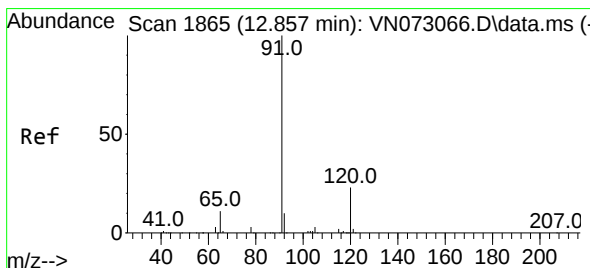
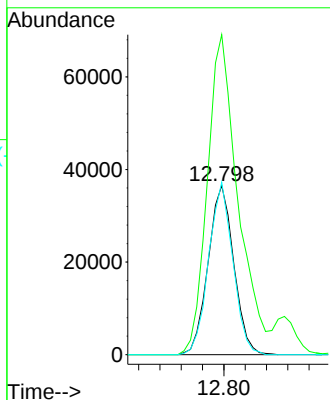
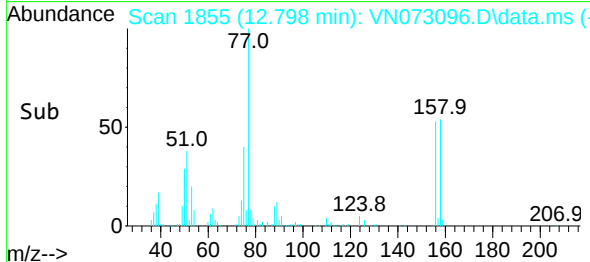
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



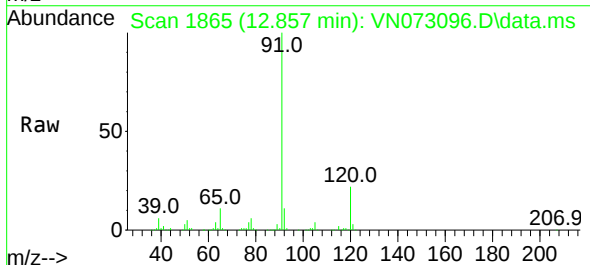
Tgt Ion:156 Resp: 61160
Ion Ratio Lower Upper
156 100
77 223.9 0.0 416.0
158 96.1 0.0 195.4

Manual Integrations
APPROVED

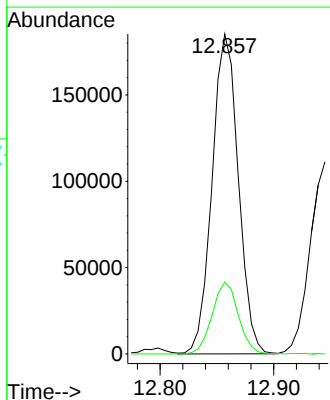
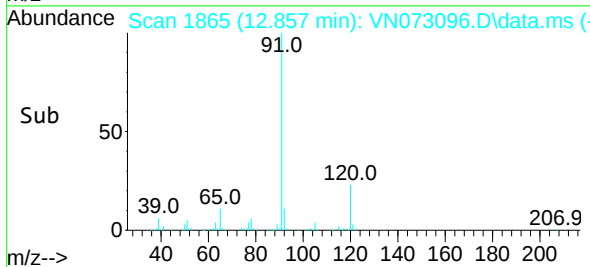
Reviewed By :John Carlone 06/25/2022
Supervised By :Mahesh Dadoda 06/28/2022

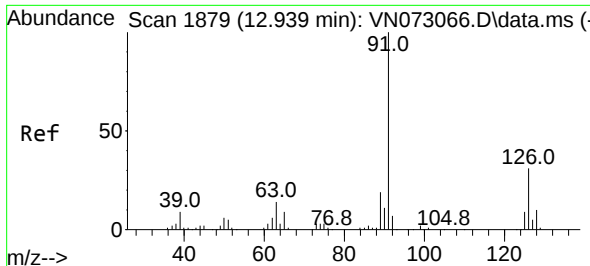


#74
n-propylbenzene
Concen: 19.165 ug/l
RT: 12.857 min Scan# 1865
Delta R.T. 0.000 min
Lab File: VN073096.D
Acq: 24 Jun 2022 20:38



Tgt Ion: 91 Resp: 297155
Ion Ratio Lower Upper
91 100
120 22.4 0.0 45.0





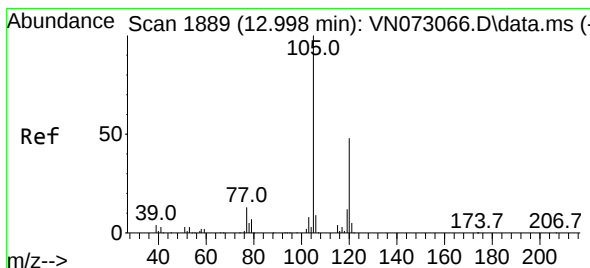
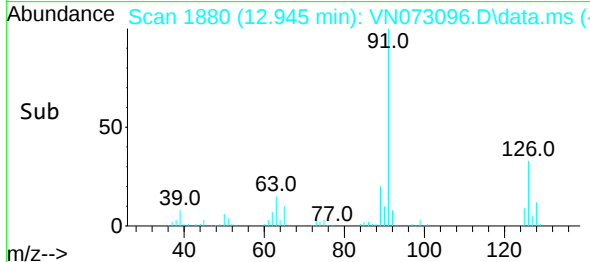
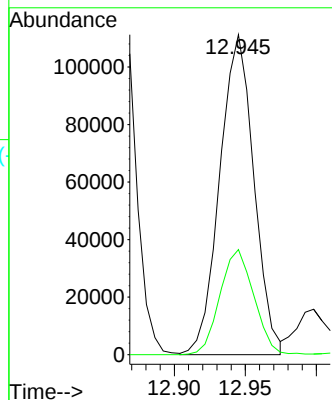
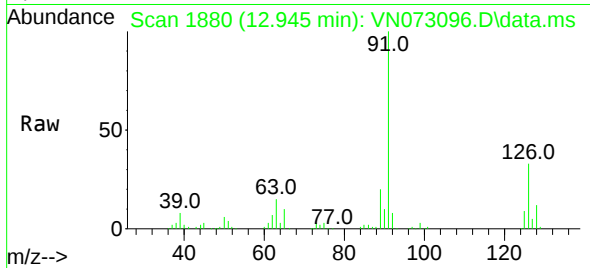
#75
2-Chlorotoluene
Concen: 19.210 ug/l
RT: 12.945 min Scan# 1880
Delta R.T. 0.006 min
Lab File: VN073096.D
Acq: 24 Jun 2022 20:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 91 Resp: 186272
Ion Ratio Lower Upper
91 100
126 32.6 0.0 69.8

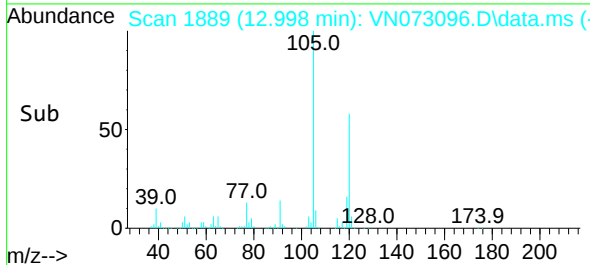
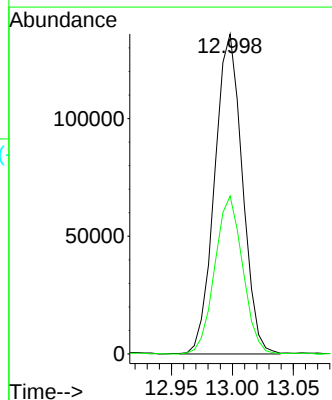
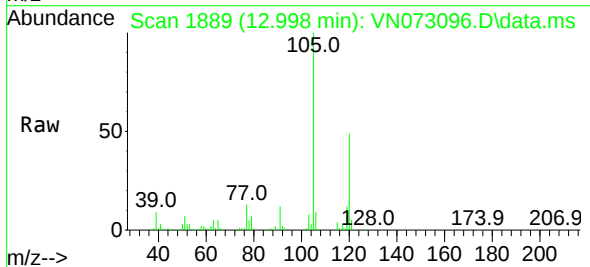
Manual Integrations
APPROVED

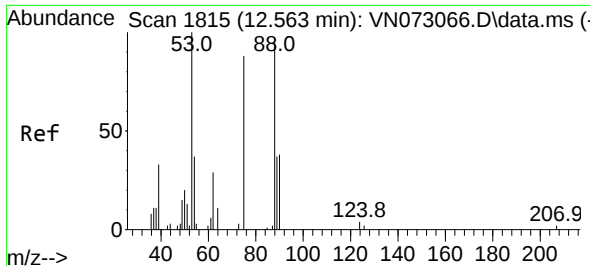
Reviewed By :John Carlone 06/25/2022
Supervised By :Mahesh Dadoda 06/28/2022



#76
1,3,5-Trimethylbenzene
Concen: 18.921 ug/l
RT: 12.998 min Scan# 1889
Delta R.T. 0.000 min
Lab File: VN073096.D
Acq: 24 Jun 2022 20:38

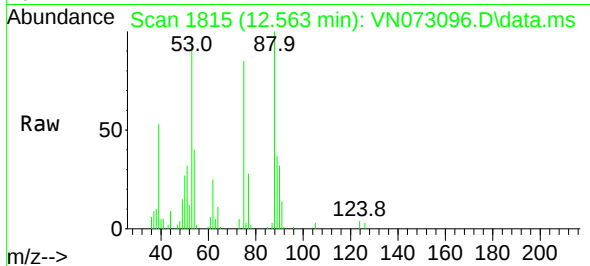
Tgt Ion:105 Resp: 215202
Ion Ratio Lower Upper
105 100
120 49.6 0.0 93.8





#77
t-1,4-Dichloro-2-butene
Concen: 22.487 ug/l
RT: 12.563 min Scan# 1815
Delta R.T. 0.000 min
Lab File: VN073096.D
Acq: 24 Jun 2022 20:38

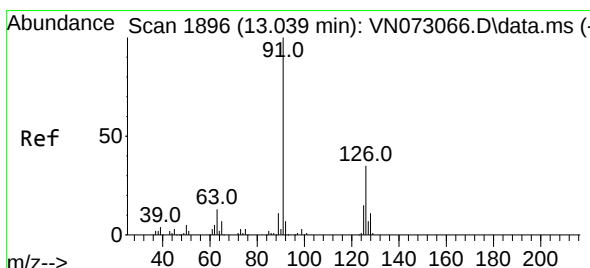
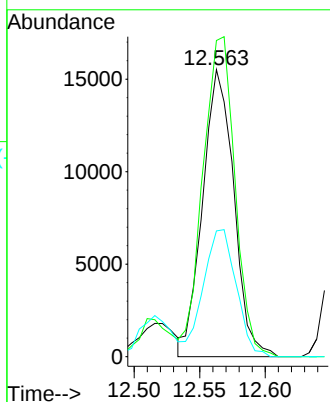
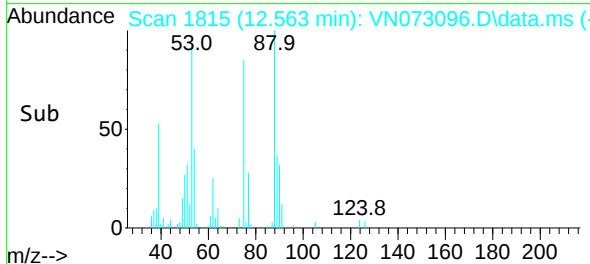
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 75 Resp: 2569
Ion Ratio Lower Upper
75 100
53 110.1 51.8 155.5
89 43.8 22.9 68.7

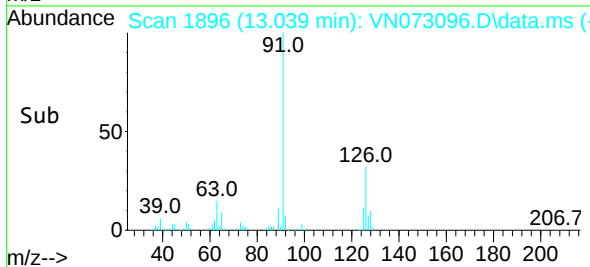
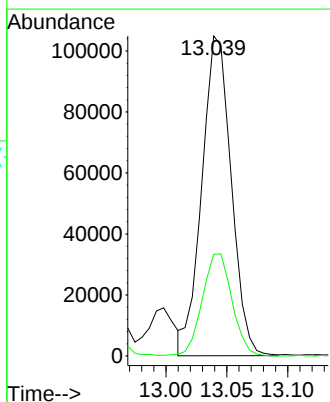
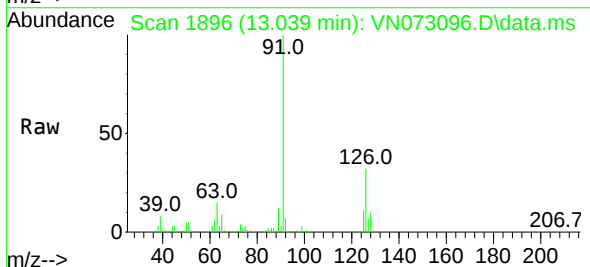
Manual Integrations
APPROVED

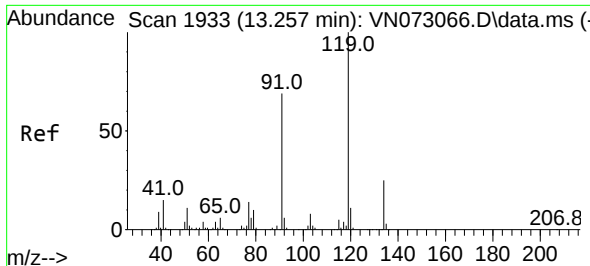
Reviewed By :John Carlone 06/25/2022
Supervised By :Mahesh Dadoda 06/28/2022



#78
4-Chlorotoluene
Concen: 18.810 ug/l
RT: 13.039 min Scan# 1896
Delta R.T. 0.000 min
Lab File: VN073096.D
Acq: 24 Jun 2022 20:38

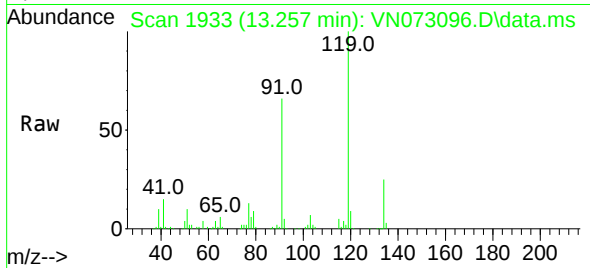
Tgt Ion: 91 Resp: 175464
Ion Ratio Lower Upper
91 100
126 32.4 0.0 70.6





#79
tert-butylbenzene
Concen: 19.386 ug/l
RT: 13.257 min Scan# 1933
Delta R.T. 0.000 min
Lab File: VN073096.D
Acq: 24 Jun 2022 20:38

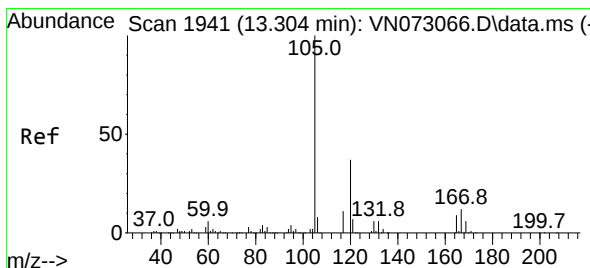
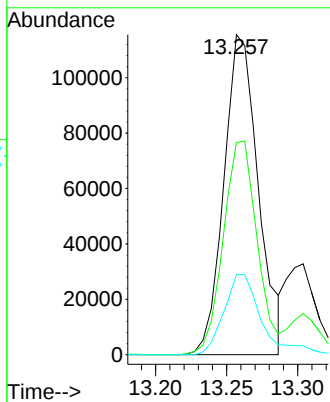
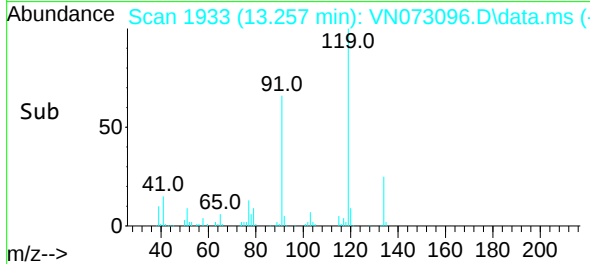
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



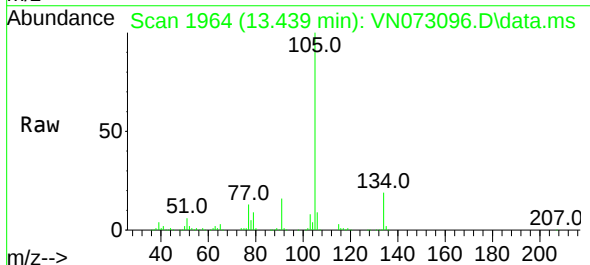
Tgt Ion:119 Resp: 194938
Ion Ratio Lower Upper
119 100
91 65.7 0.0 137.0
134 25.6 0.0 47.6

Manual Integrations
APPROVED

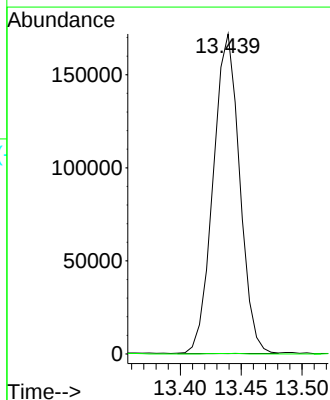
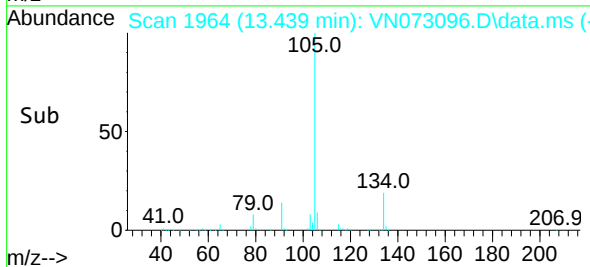
Reviewed By :John Carlone 06/25/2022
Supervised By :Mahesh Dadoda 06/28/2022

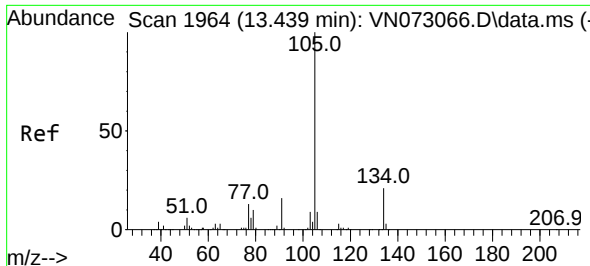


#80
1,2,4-Trimethylbenzene
Concen: 23.305 ug/l
RT: 13.439 min Scan# 1964
Delta R.T. 0.135 min
Lab File: VN073096.D
Acq: 24 Jun 2022 20:38



Tgt Ion:105 Resp: 260050
Ion Ratio Lower Upper
105 100
120 0.1 0.0 0.2





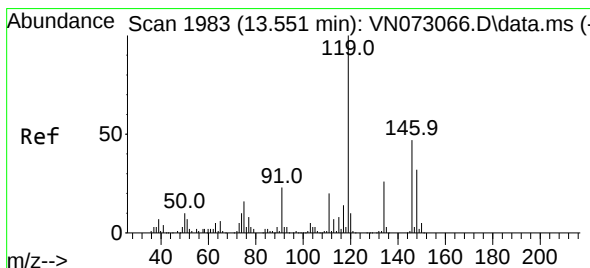
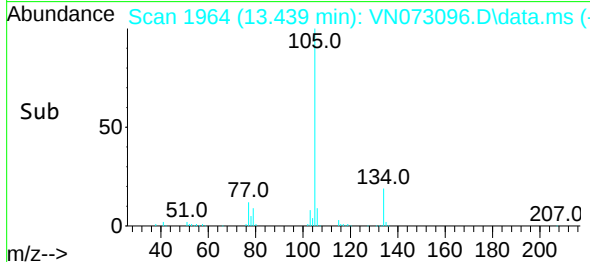
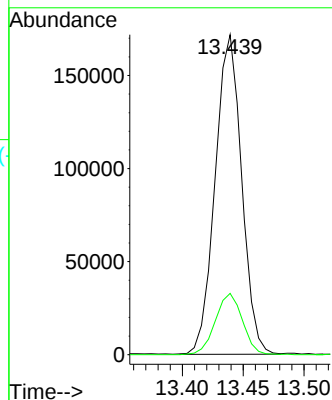
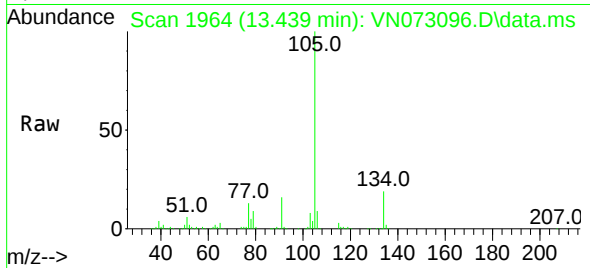
#81
 sec-Butylbenzene
 Concen: 19.186 ug/l
 RT: 13.439 min Scan# 1964
 Delta R.T. 0.000 min
 Lab File: VN073096.D
 Acq: 24 Jun 2022 20:38

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Tgt Ion:105 Resp: 260050
 Ion Ratio Lower Upper
 105 100
 134 19.6 0.0 39.4

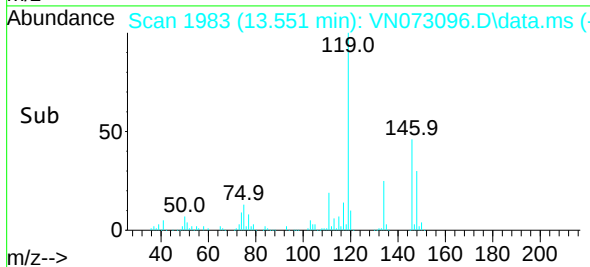
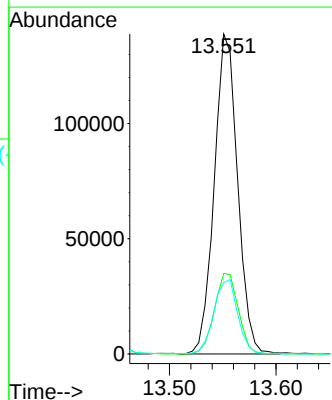
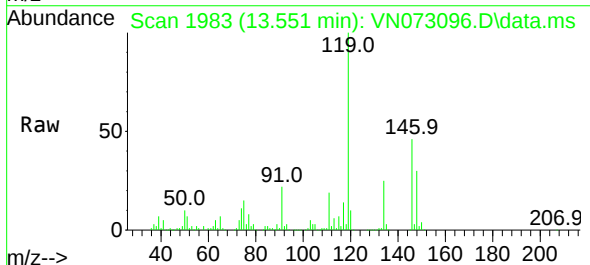
Manual Integrations
 APPROVED

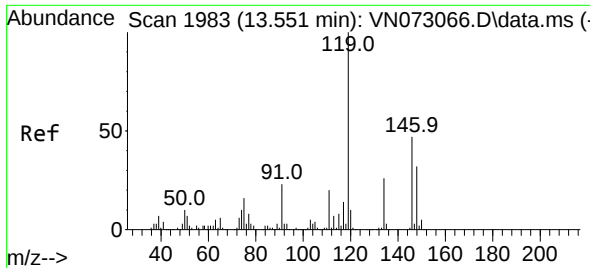
Reviewed By :John Carlone 06/25/2022
 Supervised By :Mahesh Dadoda 06/28/2022



#82
 p-Isopropyltoluene
 Concen: 19.172 ug/l
 RT: 13.551 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN073096.D
 Acq: 24 Jun 2022 20:38

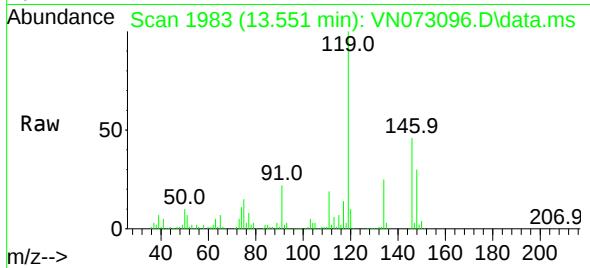
Tgt Ion:119 Resp: 211057
 Ion Ratio Lower Upper
 119 100
 134 25.8 0.0 51.8
 91 23.4 0.0 50.4





#83
1,3-Dichlorobenzene
Concen: 18.777 ug/l
RT: 13.551 min Scan# 1983
Delta R.T. 0.000 min
Lab File: VN073096.D
Acq: 24 Jun 2022 20:38

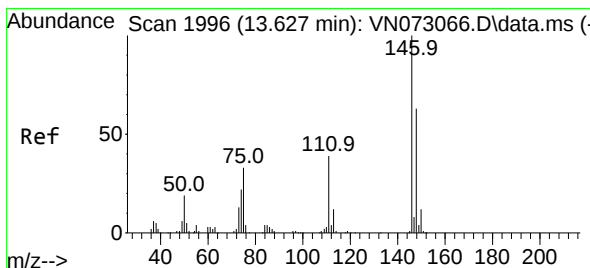
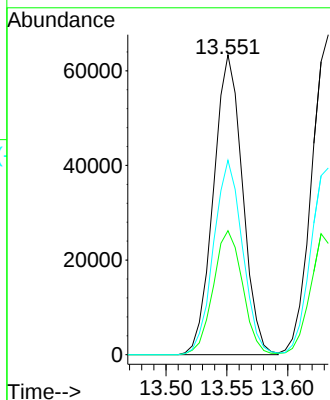
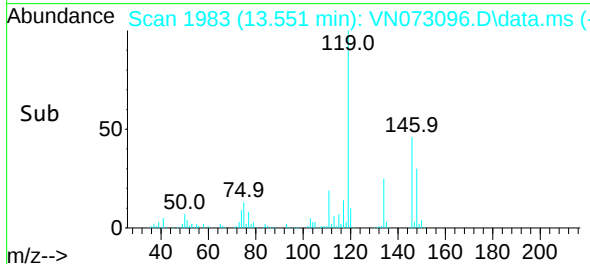
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



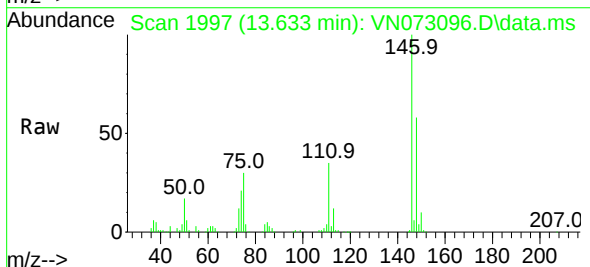
Tgt Ion:146 Resp: 105479
Ion Ratio Lower Upper
146 100
111 41.8 20.8 62.2
148 64.6 31.4 94.3

Manual Integrations
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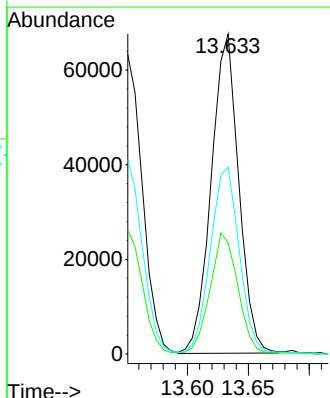
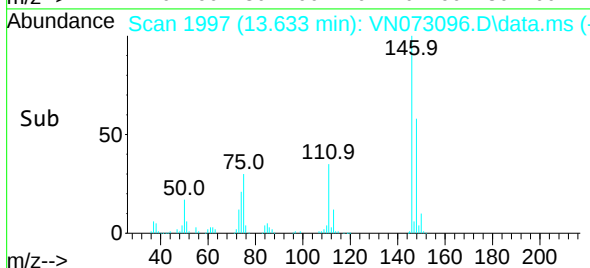
Reviewed By :John Carlone 06/25/2022
Supervised By :Mahesh Dadoda 06/28/2022

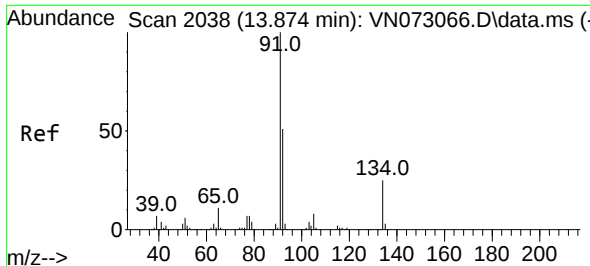


#84
1,4-Dichlorobenzene
Concen: 18.907 ug/l
RT: 13.633 min Scan# 1997
Delta R.T. 0.006 min
Lab File: VN073096.D
Acq: 24 Jun 2022 20:38



Tgt Ion:146 Resp: 106139
Ion Ratio Lower Upper
146 100
111 38.4 19.5 58.5
148 61.9 31.1 93.5





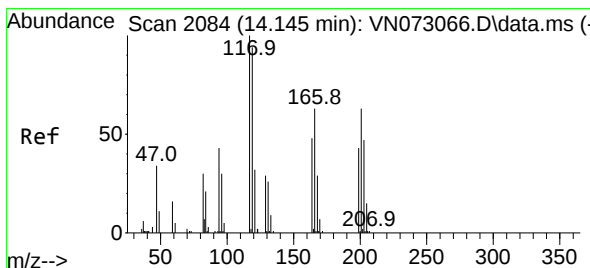
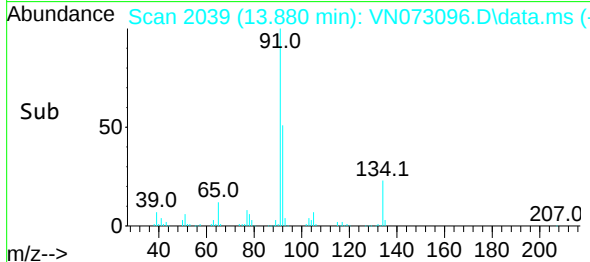
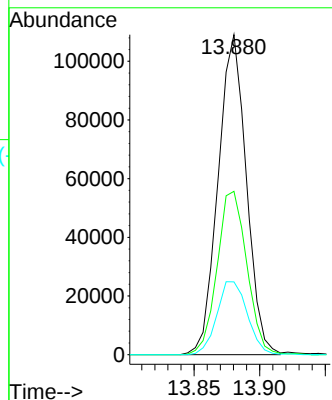
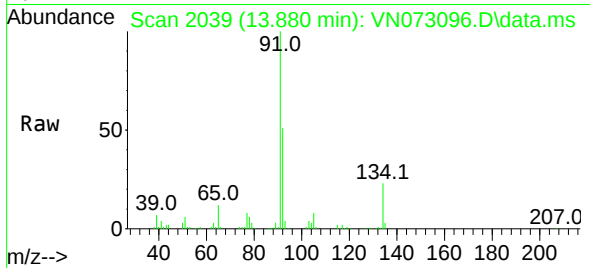
#85
n-Butylbenzene
Concen: 18.230 ug/l
RT: 13.880 min Scan# 2039
Delta R.T. 0.006 min
Lab File: VN073096.D
Acq: 24 Jun 2022 20:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 91 Resp: 16330
Ion Ratio Lower Upper
91 100
92 53.8 0.0 100.6
134 24.6 0.0 50.2

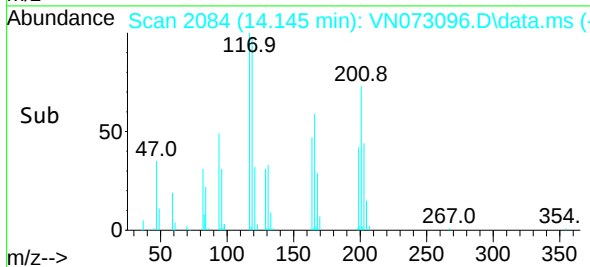
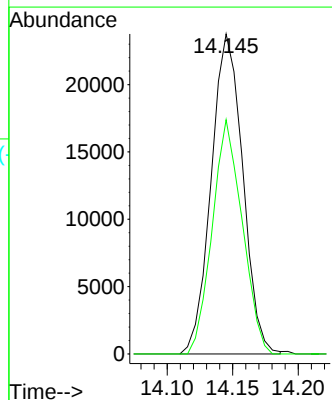
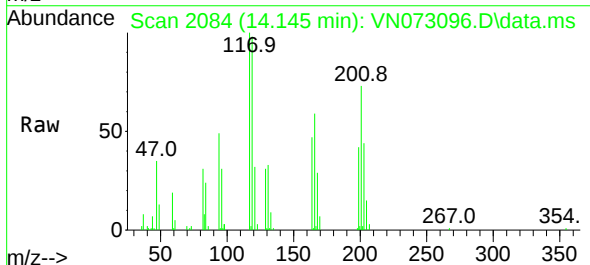
Manual Integrations
APPROVED

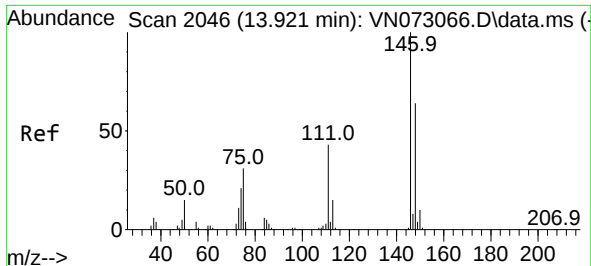
Reviewed By :John Carlone 06/25/2022
Supervised By :Mahesh Dadoda 06/28/2022



#86
Hexachloroethane
Concen: 18.456 ug/l
RT: 14.145 min Scan# 2084
Delta R.T. 0.000 min
Lab File: VN073096.D
Acq: 24 Jun 2022 20:38

Tgt Ion:117 Resp: 39778
Ion Ratio Lower Upper
117 100
201 69.3 33.3 99.8





#87

1,2-Dichlorobenzene

Concen: 19.281 ug/l

RT: 13.921 min Scan# 2046

Delta R.T. 0.000 min

Lab File: VN073096.D

Acq: 24 Jun 2022 20:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

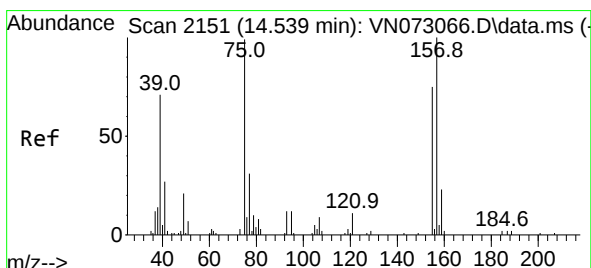
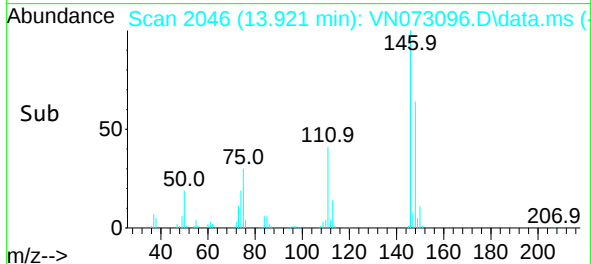
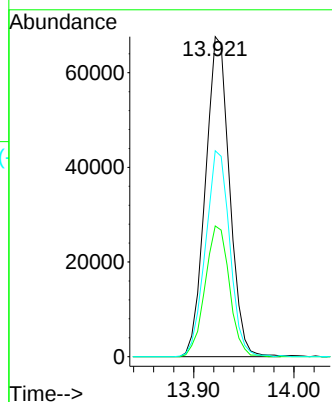
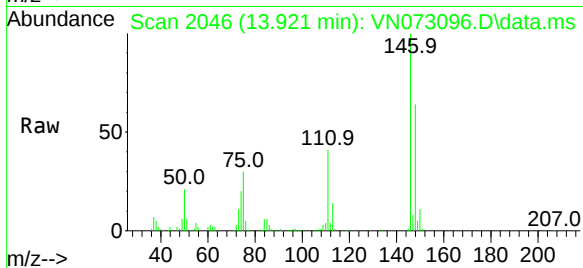
Tgt Ion:	146	Resp:	113328
Ion Ratio	Lower	Upper	
146	100		
111	41.0	21.4	64.2
148	64.7	32.5	97.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/25/2022

Supervised By :Mahesh Dadoda 06/28/2022



#88

1,2-Dibromo-3-Chloropropane

Concen: 18.983 ug/l

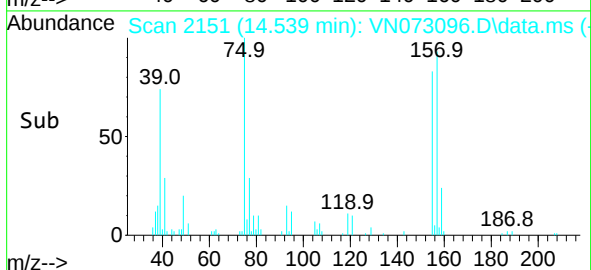
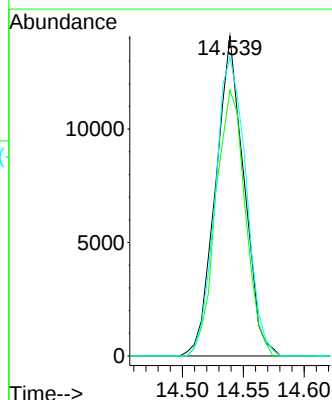
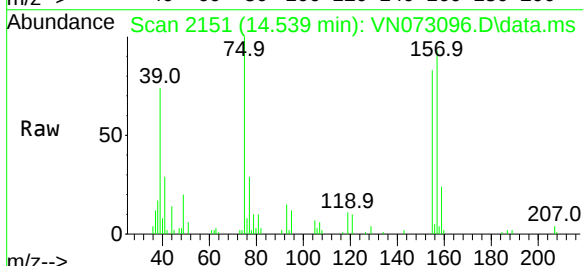
RT: 14.539 min Scan# 2151

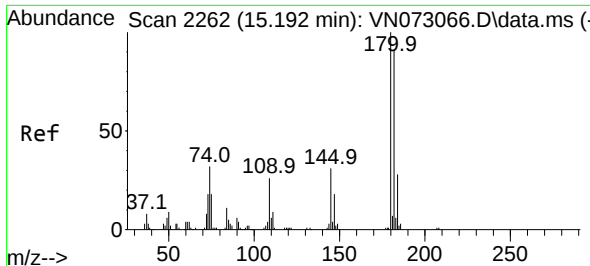
Delta R.T. 0.000 min

Lab File: VN073096.D

Acq: 24 Jun 2022 20:38

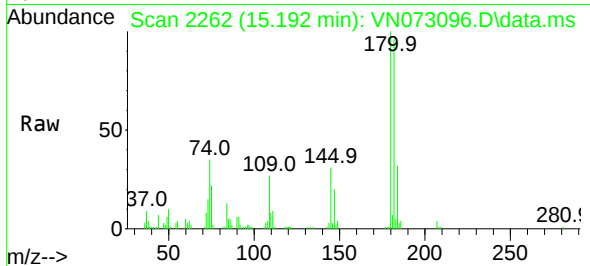
Tgt Ion:	75	Resp:	22851
Ion Ratio	Lower	Upper	
75	100		
155	86.7	63.8	95.8
157	101.5	77.9	116.9





#89
1,2,4-Trichlorobenzene
Concen: 17.708 ug/l
RT: 15.192 min Scan# 211
Delta R.T. 0.000 min
Lab File: VN073096.D
Acq: 24 Jun 2022 20:38

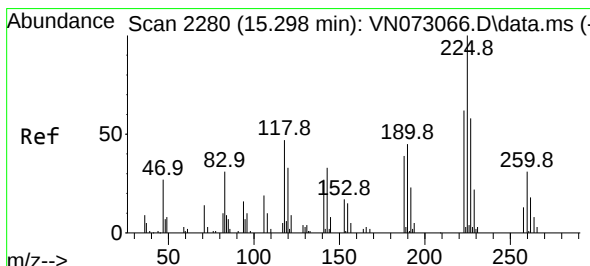
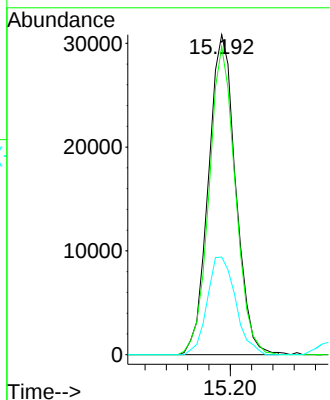
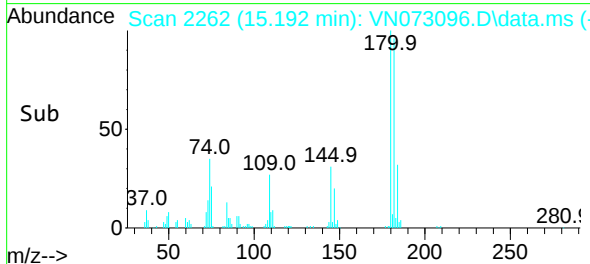
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



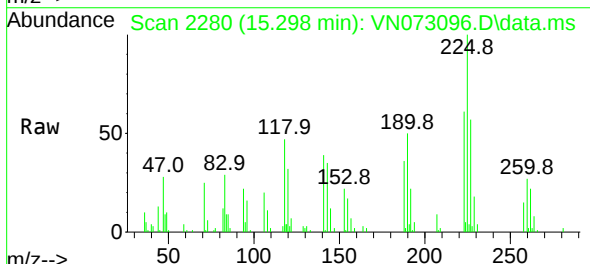
Tgt Ion:180 Resp: 5468
Ion Ratio Lower Upper
180 100
182 93.0 77.7 116.5
145 31.7 26.6 39.8

Manual Integrations
APPROVED

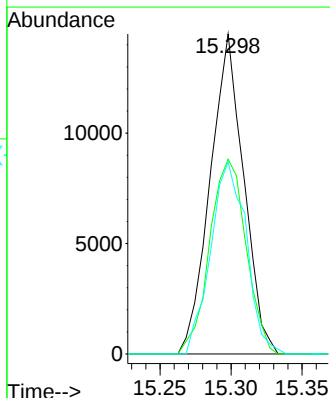
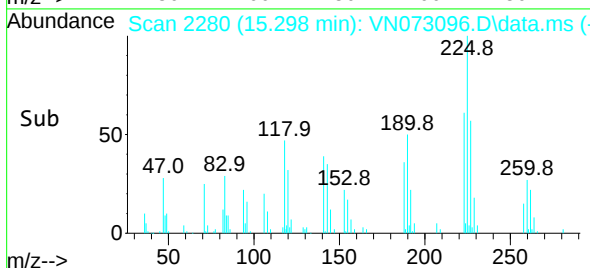
Reviewed By :John Carlone 06/25/2022
Supervised By :Mahesh Dadoda 06/28/2022

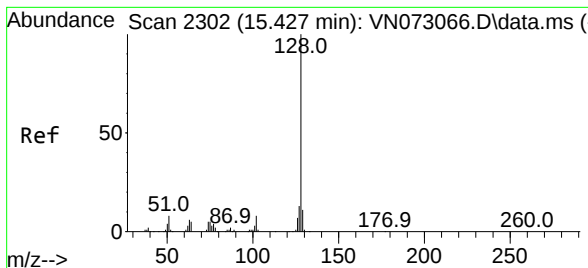


#90
Hexachlorobutadiene
Concen: 19.084 ug/l
RT: 15.298 min Scan# 2280
Delta R.T. 0.000 min
Lab File: VN073096.D
Acq: 24 Jun 2022 20:38



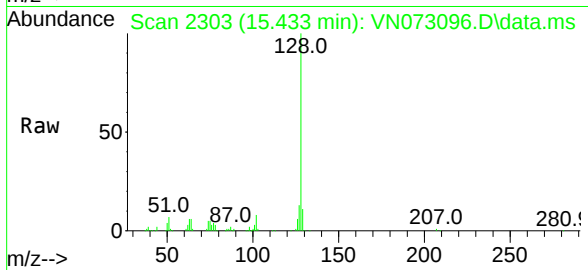
Tgt Ion:225 Resp: 23760
Ion Ratio Lower Upper
225 100
223 66.2 0.0 126.8
227 63.6 0.0 123.0





#91
Naphthalene
Concen: 18.874 ug/l
RT: 15.433 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN073096.D
Acq: 24 Jun 2022 20:38

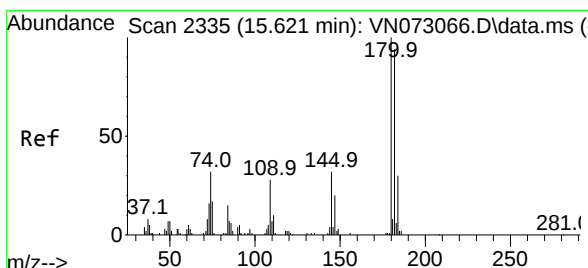
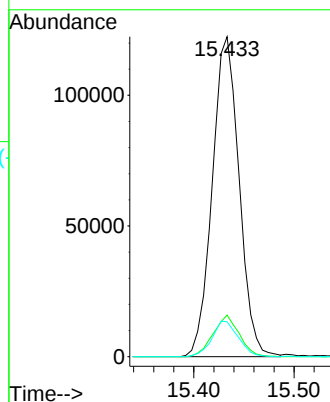
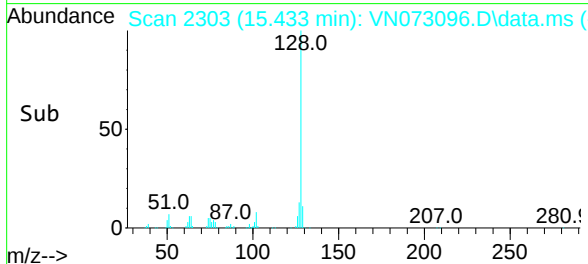
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion:128 Resp: 22744
Ion Ratio Lower Upper
128 100
127 12.6 10.7 16.1
129 10.9 9.0 13.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/25/2022
Supervised By :Mahesh Dadoda 06/28/2022



#92
1,2,3-Trichlorobenzene
Concen: 18.775 ug/l
RT: 15.621 min Scan# 2335
Delta R.T. 0.000 min
Lab File: VN073096.D
Acq: 24 Jun 2022 20:38

Tgt Ion:180 Resp: 58991
Ion Ratio Lower Upper
180 100
182 94.2 0.0 190.0
145 33.4 0.0 67.8

