

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061422\
 Data File : VN072840.D
 Acq On : 14 Jun 2022 18:34
 Operator : JC\MD
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Quant Time: Jun 15 02:25:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 15 02:19:54 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 06/15/2022
 Supervised By : Mahesh Dadoda 06/15/2022

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	312217	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	568782	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	499291	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	181344	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	90414	19.120	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	38.240%#		
35) Dibromofluoromethane	8.022	113	68356	19.640	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	39.280%#		
50) Toluene-d8	10.439	98	264376	18.923	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	37.840%#		
62) 4-Bromofluorobenzene	12.727	95	85272	17.826	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	35.660%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.069	85	47296	18.096	ug/l	96
3) Chloromethane	2.293	50	51621	16.927	ug/l	98
4) Vinyl Chloride	2.434	62	42988	17.411	ug/l	95
5) Bromomethane	2.840	94	21135	24.399	ug/l	100
6) Chloroethane	3.005	64	29171	16.237	ug/l	97
7) Trichlorofluoromethane	3.363	101	82314	17.034	ug/l	97
8) Diethyl Ether	3.816	74	39999	18.317	ug/l	77
9) 1,1,2-Trichlorotrifluo...	4.205	101	53962	18.629	ug/l	93
10) Methyl Iodide	4.416	142	45711	16.814	ug/l	94
11) Tert butyl alcohol	5.363	59	106647	20.971	ug/l	100
12) 1,1-Dichloroethene	4.169	96	49496	17.911	ug/l	94
13) Acrolein	4.040	56	52408	166.824	ug/l	97
14) Allyl chloride	4.834	41	113547	17.757	ug/l #	93
15) Acrylonitrile	5.551	53	263077	98.294	ug/l	100
16) Acetone	4.287	43	244709	96.311	ug/l	94
17) Carbon Disulfide	4.528	76	95108	15.926	ug/l	99
18) Methyl Acetate	4.852	43	130871	17.578	ug/l #	89
19) Methyl tert-butyl Ether	5.610	73	221795	19.315	ug/l	99
20) Methylene Chloride	5.093	84	69651	18.454	ug/l #	90
21) trans-1,2-Dichloroethene	5.593	96	53047	17.686	ug/l	97
22) Diisopropyl ether	6.493	45	251048	19.490	ug/l	96
23) Vinyl Acetate	6.428	43	1100945	96.591	ug/l #	92
24) 1,1-Dichloroethane	6.387	63	121722	18.757	ug/l	98
25) 2-Butanone	7.328	43	388800	97.770	ug/l	90
26) 2,2-Dichloropropane	7.322	77	88735	17.862	ug/l	99
27) cis-1,2-Dichloroethene	7.322	96	71967	18.240	ug/l	96
28) Bromochloromethane	7.657	49	63075	19.792	ug/l #	81
29) Tetrahydrofuran	7.681	42	256306	100.226	ug/l #	87
30) Chloroform	7.810	83	125867	18.942	ug/l	98
31) Cyclohexane	8.087	56	100505	18.340	ug/l	87
32) 1,1,1-Trichloroethane	8.010	97	102761	18.868	ug/l	96
36) 1,1-Dichloropropene	8.216	75	78862	17.651	ug/l	98
37) Ethyl Acetate	7.404	43	151411	21.010	ug/l	94
38) Carbon Tetrachloride	8.204	117	80821	18.084	ug/l	92
39) Methylcyclohexane	9.457	83	92084	17.979	ug/l	91
40) Benzene	8.457	78	264636	18.550	ug/l	99

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 Supervised By :Mahesh Dadoda 06/15/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.634	41	74004	19.328	ug/l #	85
42) 1,2-Dichloroethane	8.528	62	103206	19.145	ug/l	97
43) Isopropyl Acetate	8.557	43	213538	17.827	ug/l	92
44) Trichloroethene	9.216	130	63394	18.095	ug/l	86
45) 1,2-Dichloropropane	9.487	63	73689	19.587	ug/l	99
46) Dibromomethane	9.575	93	48434	18.828	ug/l	90
47) Bromodichloromethane	9.757	83	101478	19.521	ug/l	100
48) Methyl methacrylate	9.557	41	103506	19.688	ug/l	89
49) 1,4-Dioxane	9.563	88	42127	419.517	ug/l #	91
51) 4-Methyl-2-Pentanone	10.328	43	765131	99.730	ug/l	91
52) Toluene	10.504	92	169488	18.827	ug/l	100
53) t-1,3-Dichloropropene	10.716	75	100894	18.225	ug/l	98
54) cis-1,3-Dichloropropene	10.187	75	109893	18.518	ug/l #	84
55) 1,1,2-Trichloroethane	10.892	97	73819	18.743	ug/l	97
56) Ethyl methacrylate	10.757	69	127121	18.926	ug/l #	86
57) 1,3-Dichloropropane	11.039	76	129221	18.940	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.039	63	267952	95.737	ug/l	94
59) 2-Hexanone	11.081	43	565995	99.545	ug/l	89
60) Dibromochloromethane	11.239	129	72870	18.751	ug/l	98
61) 1,2-Dibromoethane	11.345	107	73874	18.675	ug/l	99
64) Tetrachloroethene	10.975	164	57518	18.873	ug/l	95
65) Chlorobenzene	11.769	112	175739	18.837	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.839	131	69897	20.150	ug/l	98
67) Ethyl Benzene	11.839	91	322698	18.928	ug/l	100
68) m/p-Xylenes	11.951	106	231932	37.596	ug/l	95
69) o-Xylene	12.275	106	117732	18.448	ug/l	93
70) Styrene	12.292	104	186277	18.805	ug/l	98
71) Bromoform	12.457	173	51075	19.701	ug/l #	95
73) Isopropylbenzene	12.575	105	309552	19.122	ug/l	98
74) N-amyl acetate	12.386	43	146591	18.413	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.822	83	118113	20.048	ug/l	97
76) 1,2,3-Trichloropropane	12.880	75	108210m	20.913	ug/l	
77) Bromobenzene	12.857	156	66724	18.765	ug/l	79
78) n-propylbenzene	12.916	91	335533	18.973	ug/l	96
79) 2-Chlorotoluene	13.004	91	213464	18.780	ug/l	95
80) 1,3,5-Trimethylbenzene	13.057	105	243615	19.071	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.622	75	29836	18.033	ug/l	86
82) 4-Chlorotoluene	13.104	91	190695	18.197	ug/l	97
83) tert-Butylbenzene	13.322	119	217492	18.764	ug/l	93
84) 1,2,4-Trimethylbenzene	13.363	105	236533	19.411	ug/l	98
85) sec-Butylbenzene	13.498	105	299522	19.295	ug/l	96
86) p-Isopropyltoluene	13.616	119	229980	19.459	ug/l	99
87) 1,3-Dichlorobenzene	13.610	146	110142	18.402	ug/l	98
88) 1,4-Dichlorobenzene	13.692	146	109286	18.169	ug/l	97
89) n-Butylbenzene	13.939	91	182142	18.252	ug/l	98
90) Hexachloroethane	14.210	117	44738	18.278	ug/l	84
91) 1,2-Dichlorobenzene	13.986	146	117792	19.482	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.604	75	24205	18.594	ug/l	83
93) 1,2,4-Trichlorobenzene	15.263	180	53360	17.350	ug/l	98
94) Hexachlorobutadiene	15.368	225	25273	18.663	ug/l	97
95) Naphthalene	15.504	128	213679	17.567	ug/l	99
96) 1,2,3-Trichlorobenzene	15.698	180	58163	17.879	ug/l	96

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ClientSampleId :
VSTDICC020

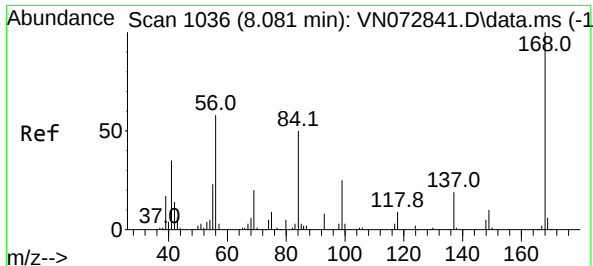
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 06/15/2022

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Quant Title : SW846 8260
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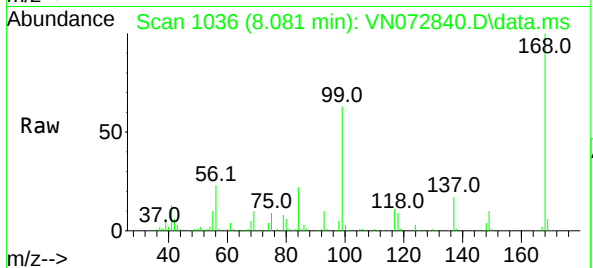
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN072840.D
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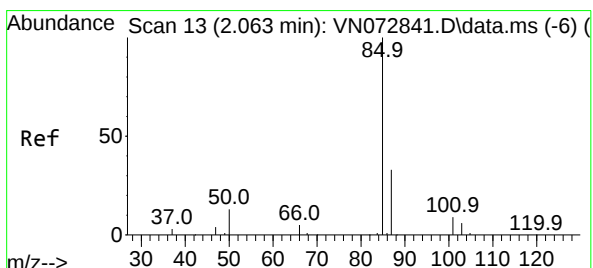
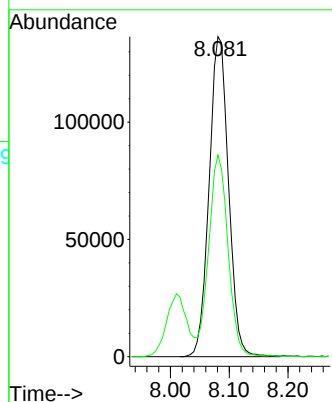
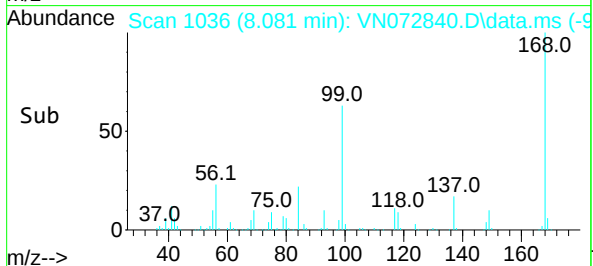
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion:168 Resp: 31221
Ion Ratio Lower Upper
168 100
99 62.8 42.3 63.5

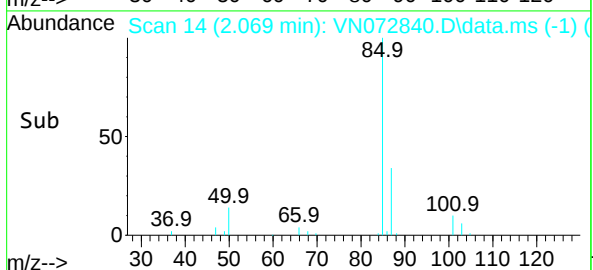
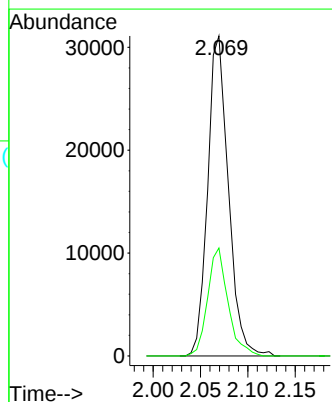
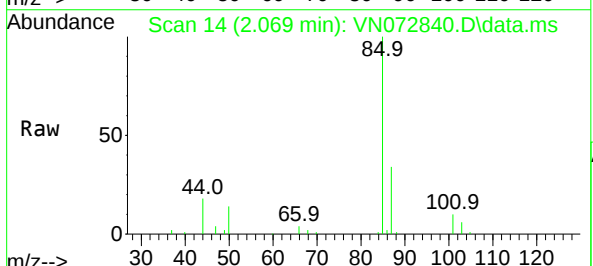
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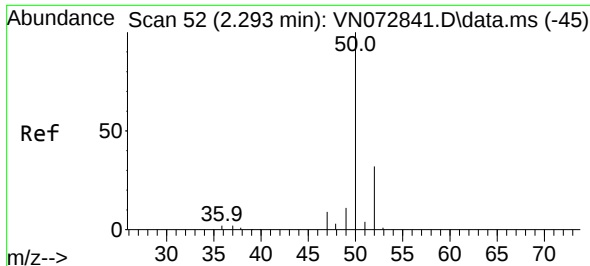
Reviewed By :John Carlone 06/15/2022
Supervised By :Mahesh Dadoda 06/15/2022



#2
Dichlorodifluoromethane
Concen: 18.096 ug/l
RT: 2.069 min Scan# 14
Delta R.T. 0.006 min
Lab File: VN072840.D
Acq: 14 Jun 2022 18:34

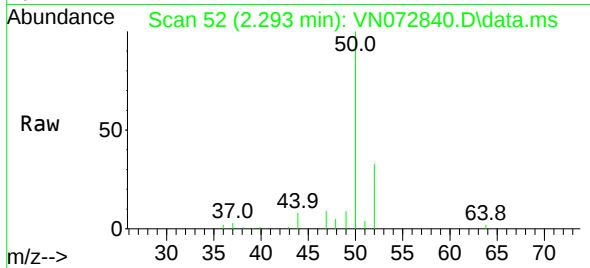
Tgt Ion: 85 Resp: 47296
Ion Ratio Lower Upper
85 100
87 33.7 15.7 47.1





#3
Chloromethane
Concen: 16.927 ug/l
RT: 2.293 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN072840.D
Acq: 14 Jun 2022 18:34

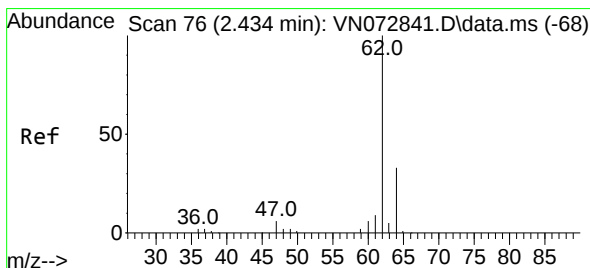
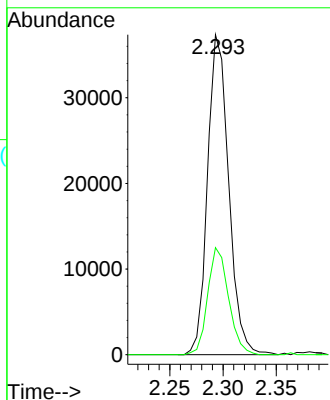
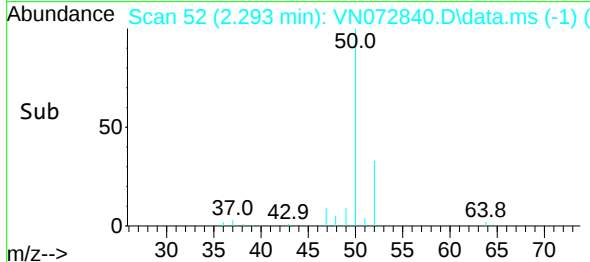
Instrument :
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VSTDICC020



Tgt Ion: 50 Resp: 5162
Ion Ratio Lower Upper
50 100
52 33.4 25.7 38.5

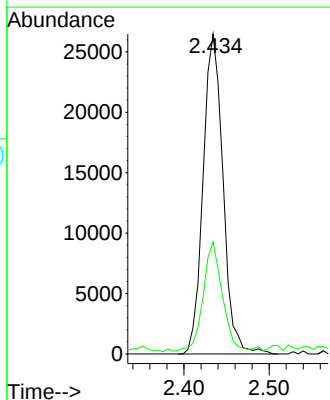
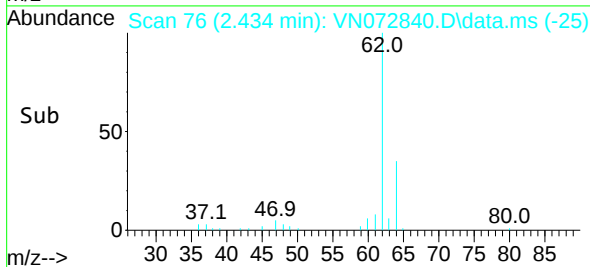
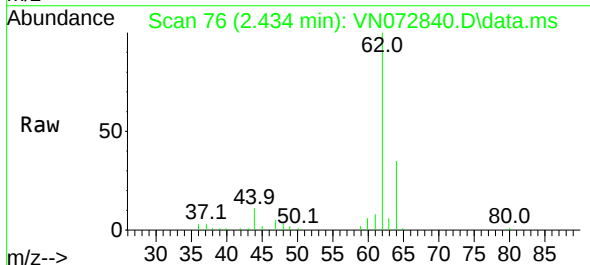
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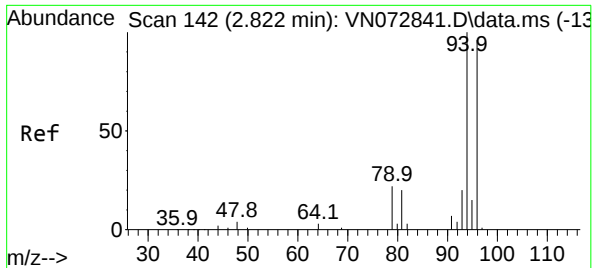
Reviewed By :John Carlone 06/15/2022
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#4
Vinyl Chloride
Concen: 17.411 ug/l
RT: 2.434 min Scan# 76
Delta R.T. 0.000 min
Lab File: VN072840.D
Acq: 14 Jun 2022 18:34

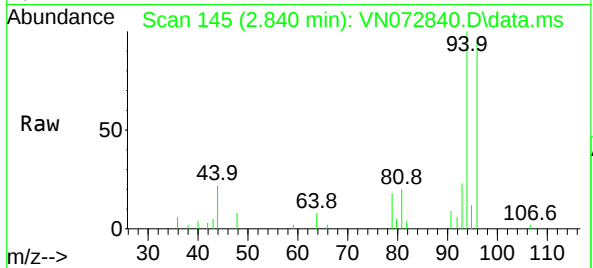
Tgt Ion: 62 Resp: 42988
Ion Ratio Lower Upper
62 100
64 34.0 25.0 37.4





#5
Bromomethane
Concen: 24.399 ug/l
RT: 2.840 min Scan# 142
Delta R.T. 0.018 min
Lab File: VN072840.D
Acq: 14 Jun 2022 18:34

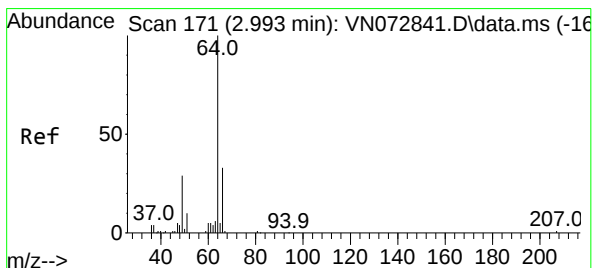
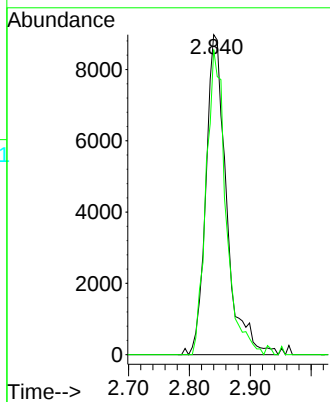
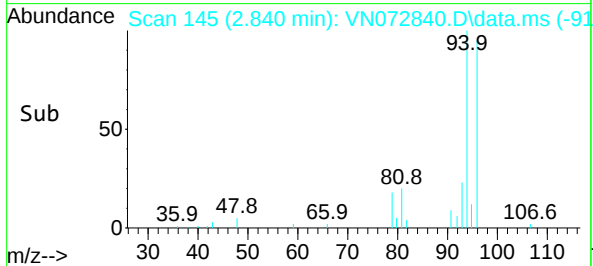
Instrument :
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Tgt Ion: 94 Resp: 2113
Ion Ratio Lower Upper
94 100
96 95.3 76.0 114.0

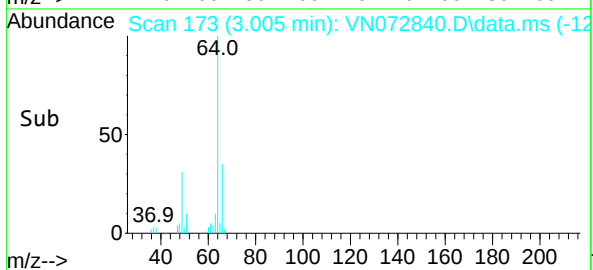
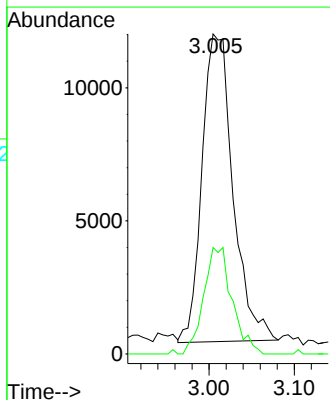
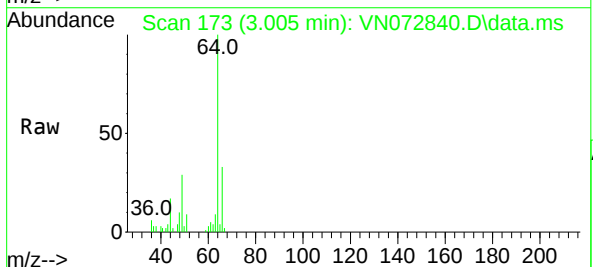
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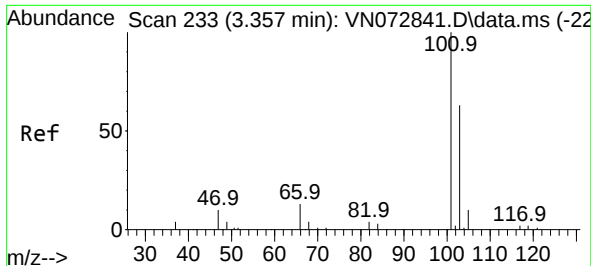
Reviewed By :John Carlone 06/15/2022
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#6
Chloroethane
Concen: 16.237 ug/l
RT: 3.005 min Scan# 173
Delta R.T. 0.012 min
Lab File: VN072840.D
Acq: 14 Jun 2022 18:34

Tgt Ion: 64 Resp: 29171
Ion Ratio Lower Upper
64 100
66 34.8 26.2 39.4





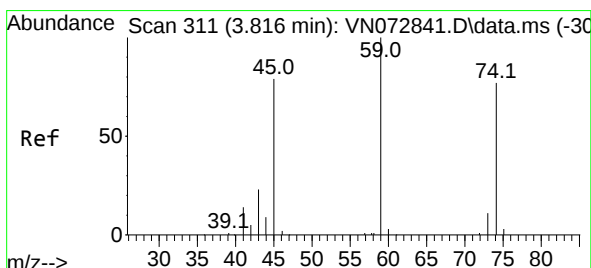
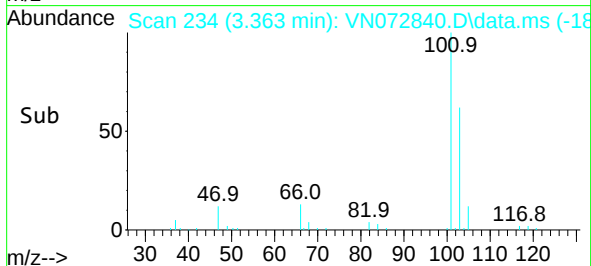
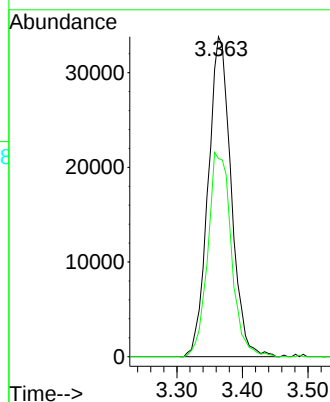
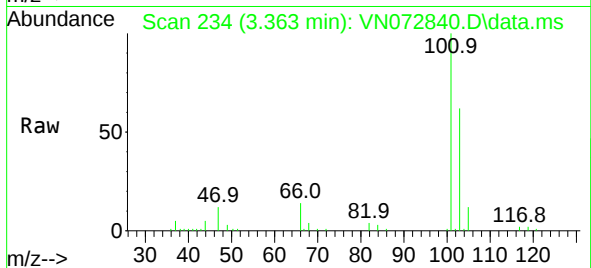
#7
Trichlorofluoromethane
Concen: 17.034 ug/l
RT: 3.363 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN072840.D
Acq: 14 Jun 2022 18:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion:101 Resp: 82314
Ion Ratio Lower Upper
101 100
103 62.0 51.5 77.3

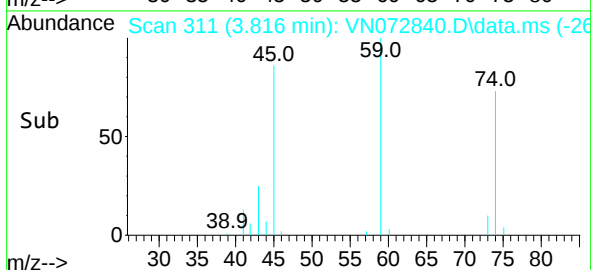
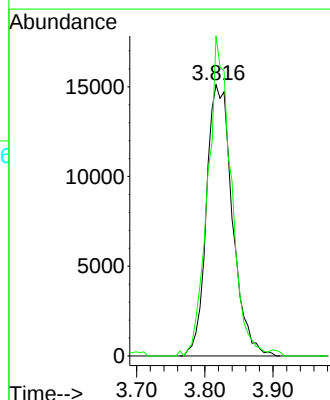
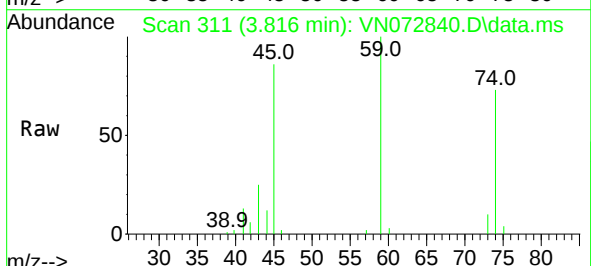
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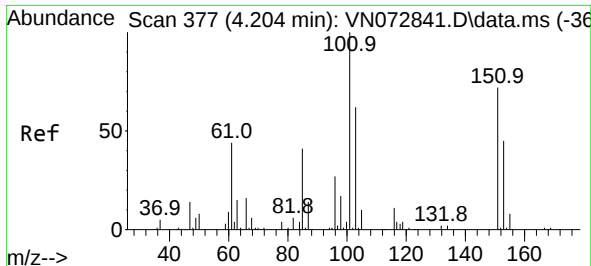
Reviewed By :John Carlone 06/15/2022
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#8
Diethyl Ether
Concen: 18.317 ug/l
RT: 3.816 min Scan# 311
Delta R.T. 0.000 min
Lab File: VN072840.D
Acq: 14 Jun 2022 18:34

Tgt Ion: 74 Resp: 39999
Ion Ratio Lower Upper
74 100
45 106.7 42.9 128.5





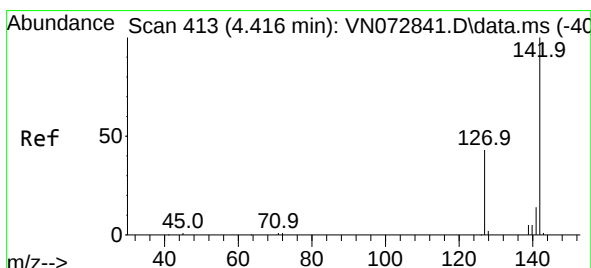
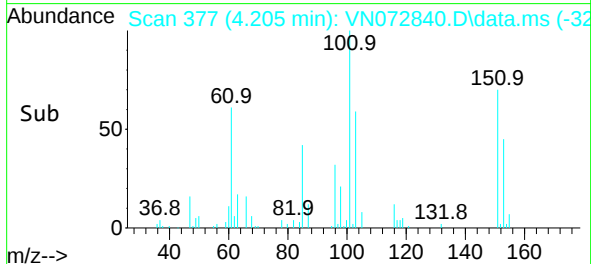
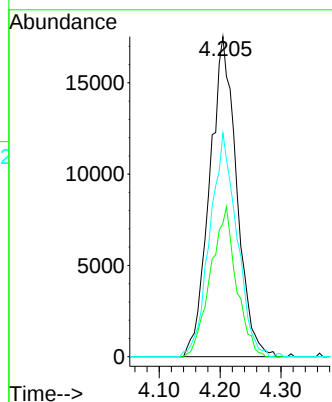
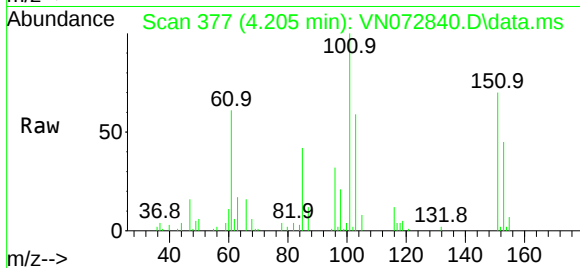
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.629 ug/l
RT: 4.205 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN072840.D
Acq: 14 Jun 2022 18:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion:101 Resp: 5396
Ion Ratio Lower Upper
101 100
85 44.6 34.7 52.1
151 70.0 63.0 94.4

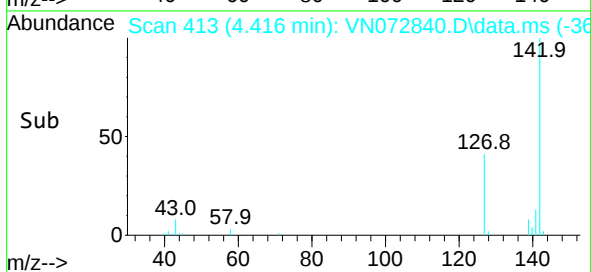
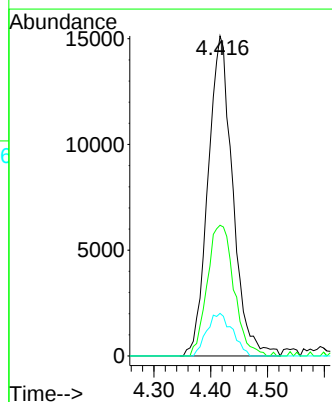
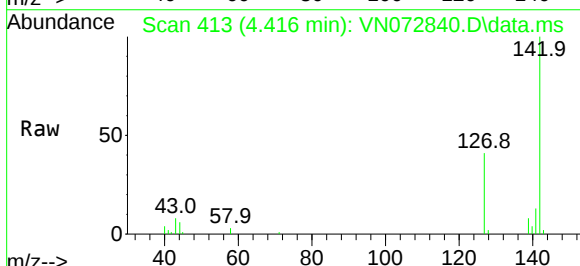
Manual Integrations
APPROVED

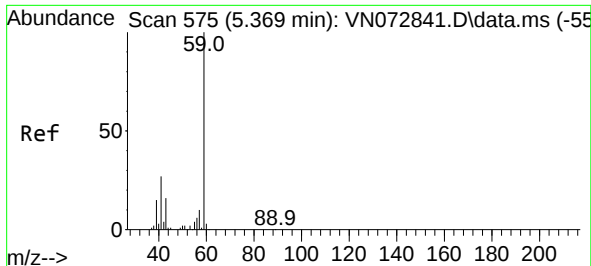
Reviewed By :John Carlone 06/15/2022
Supervised By :Mahesh Dadoda 06/15/2022



#10
Methyl Iodide
Concen: 16.814 ug/l
RT: 4.416 min Scan# 413
Delta R.T. 0.000 min
Lab File: VN072840.D
Acq: 14 Jun 2022 18:34

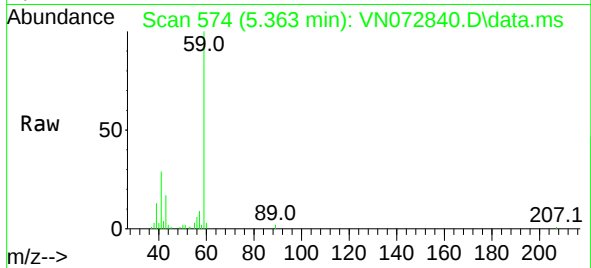
Tgt Ion:142 Resp: 45711
Ion Ratio Lower Upper
142 100
127 44.2 31.3 46.9
141 13.7 11.2 16.8





#11
Tert butyl alcohol
Concen: 20.971 ug/l
RT: 5.363 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN072840.D
Acq: 14 Jun 2022 18:34

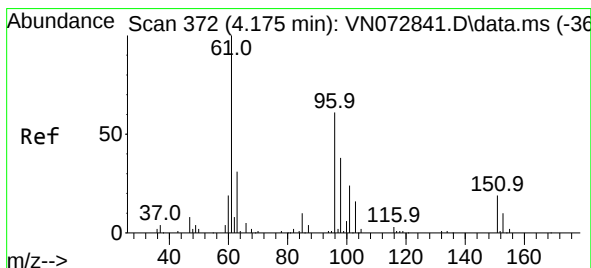
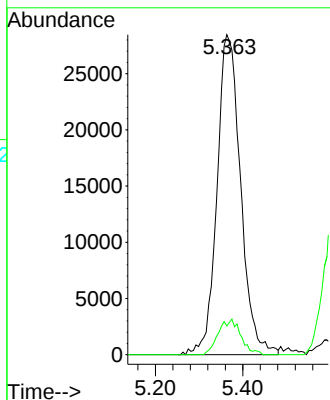
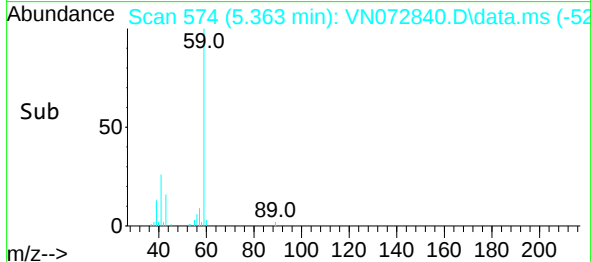
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion: 59 Resp: 10664
Ion Ratio Lower Upper
59 100
57 10.6 8.3 12.5

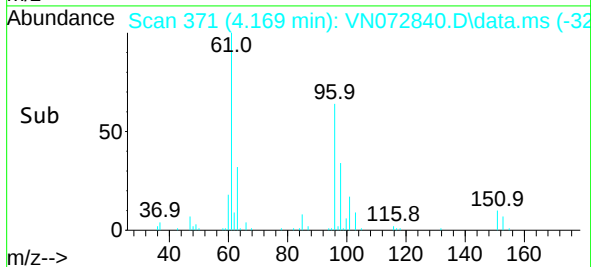
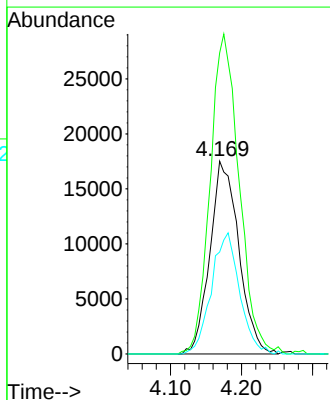
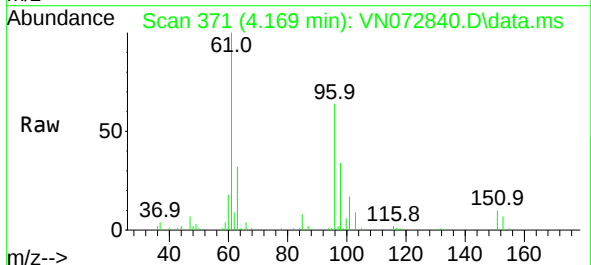
Manual Integrations
APPROVED

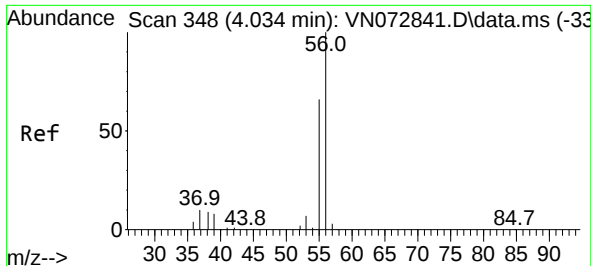
Reviewed By :John Carlone 06/15/2022
Supervised By :Mahesh Dadoda 06/15/2022



#12
1,1-Dichloroethene
Concen: 17.911 ug/l
RT: 4.169 min Scan# 371
Delta R.T. -0.006 min
Lab File: VN072840.D
Acq: 14 Jun 2022 18:34

Tgt Ion: 96 Resp: 49496
Ion Ratio Lower Upper
96 100
61 156.0 127.6 191.4
98 52.9 51.2 76.8





#13

Acrolein

Concen: 166.824 ug/l

RT: 4.040 min Scan# 34

Delta R.T. 0.006 min

Lab File: VN072840.D

Acq: 14 Jun 2022 18:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 56 Resp: 52408

Ion Ratio Lower Upper

56 100

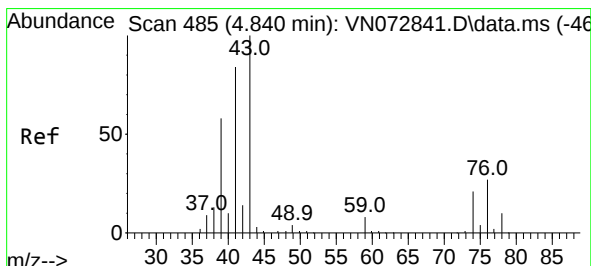
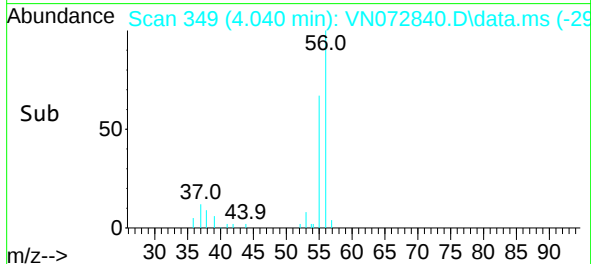
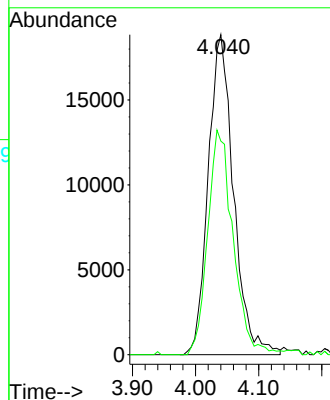
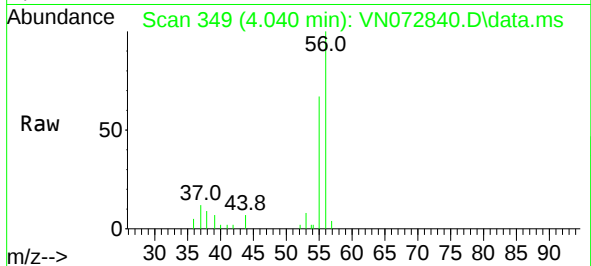
55 70.5 54.8 82.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/15/2022

Supervised By :Mahesh Dadoda 06/15/2022



#14

Allyl chloride

Concen: 17.757 ug/l

RT: 4.834 min Scan# 484

Delta R.T. -0.006 min

Lab File: VN072840.D

Acq: 14 Jun 2022 18:34

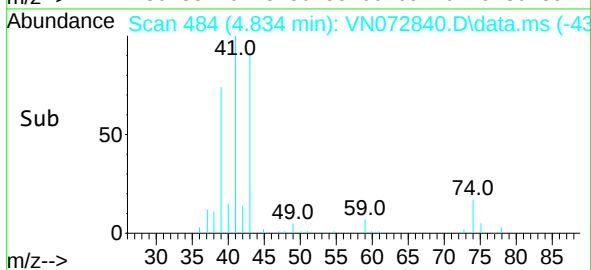
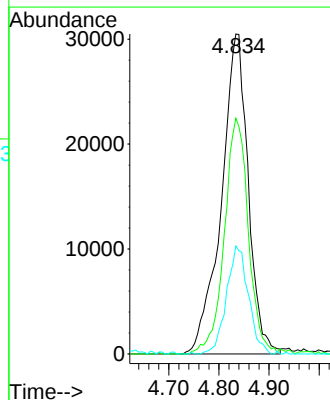
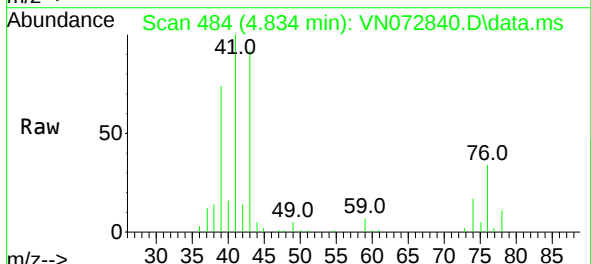
Tgt Ion: 41 Resp: 113547

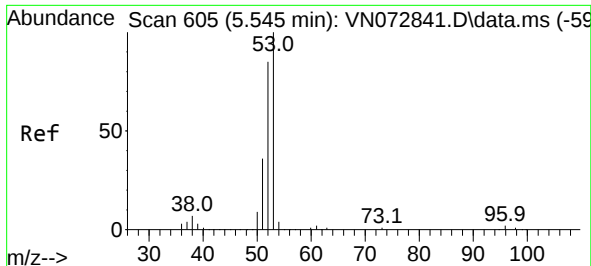
Ion Ratio Lower Upper

41 100

39 65.6 53.2 79.8

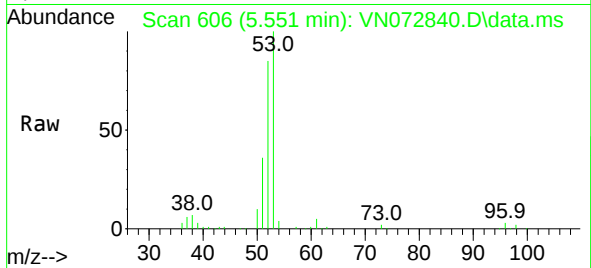
76 27.5 29.9 44.9#





#15
Acrylonitrile
Concen: 98.294 ug/l
RT: 5.551 min Scan# 605
Delta R.T. 0.006 min
Lab File: VN072840.D
Acq: 14 Jun 2022 18:34

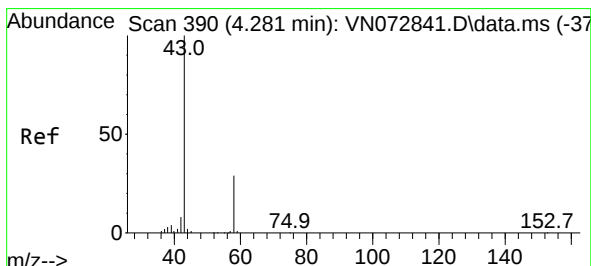
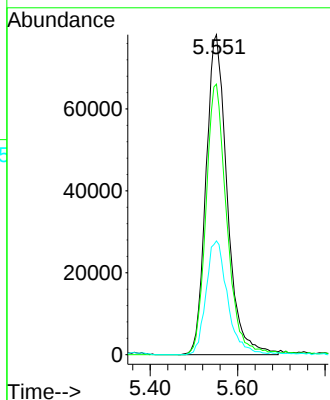
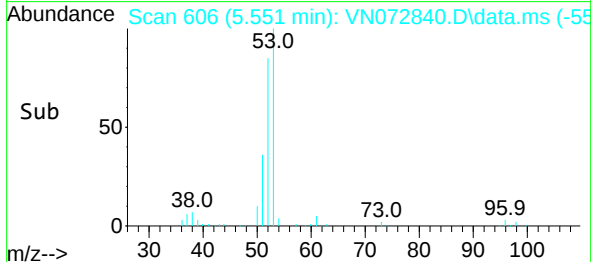
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 53 Resp: 263072
Ion Ratio Lower Upper
53 100
52 83.0 66.4 99.6
51 36.2 28.5 42.7

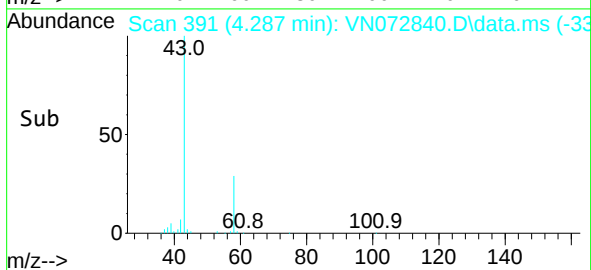
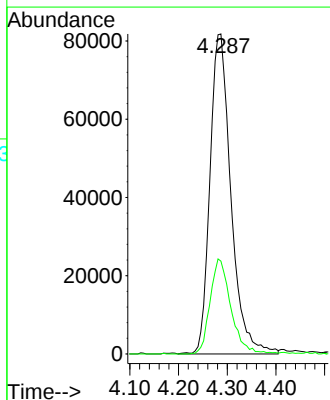
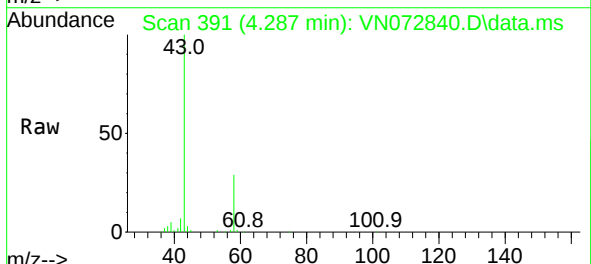
Manual Integrations
APPROVED

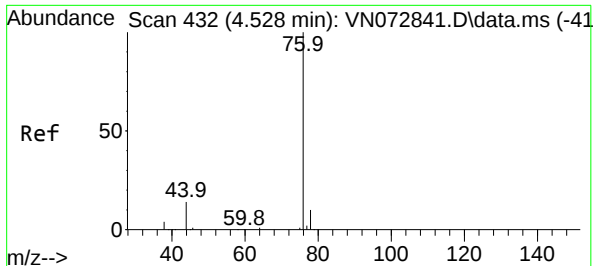
Reviewed By :John Carlone 06/15/2022
Supervised By :Mahesh Dadoda 06/15/2022



#16
Acetone
Concen: 96.311 ug/l
RT: 4.287 min Scan# 391
Delta R.T. 0.006 min
Lab File: VN072840.D
Acq: 14 Jun 2022 18:34

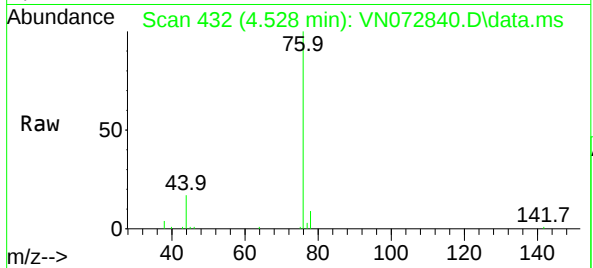
Tgt Ion: 43 Resp: 244709
Ion Ratio Lower Upper
43 100
58 29.0 26.0 39.0





#17
Carbon Disulfide
Concen: 15.926 ug/l
RT: 4.528 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN072840.D
Acq: 14 Jun 2022 18:34

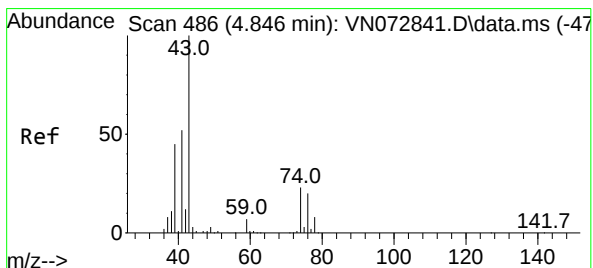
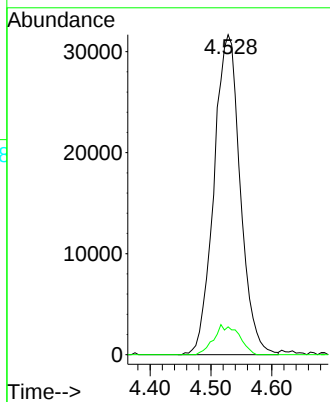
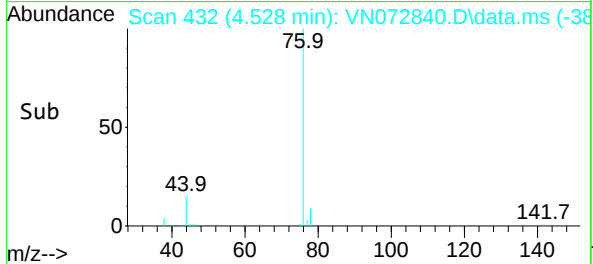
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



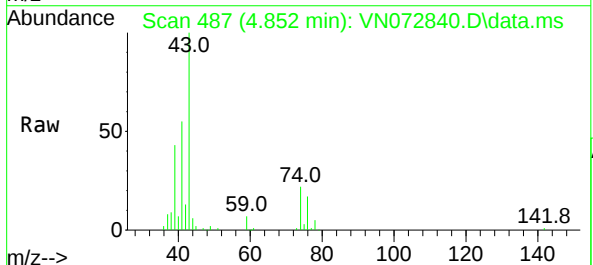
Tgt Ion: 76 Resp: 95108
Ion Ratio Lower Upper
76 100
78 8.7 7.2 10.8

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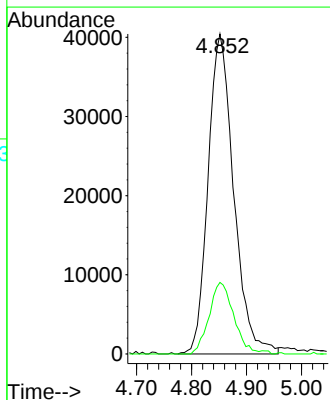
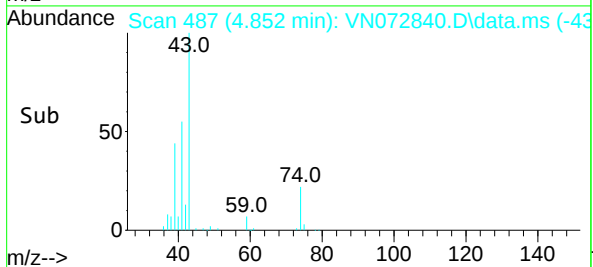
Reviewed By :John Carlone 06/15/2022
Supervised By :Mahesh Dadoda 06/15/2022

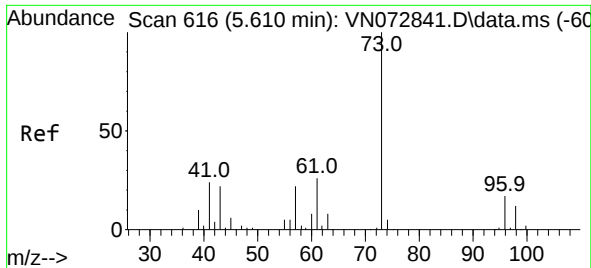


#18
Methyl Acetate
Concen: 17.578 ug/l
RT: 4.852 min Scan# 487
Delta R.T. 0.006 min
Lab File: VN072840.D
Acq: 14 Jun 2022 18:34



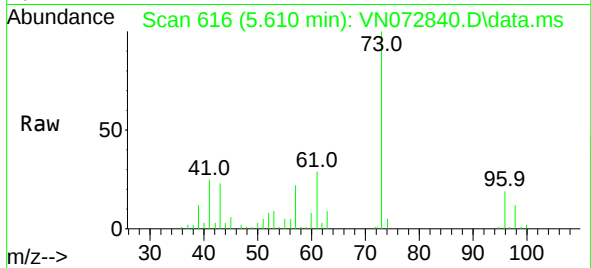
Tgt Ion: 43 Resp: 130871
Ion Ratio Lower Upper
43 100
74 21.4 21.6 32.4#





#19
Methyl tert-butyl Ether
Concen: 19.315 ug/l
RT: 5.610 min Scan# 616
Delta R.T. 0.000 min
Lab File: VN072840.D
Acq: 14 Jun 2022 18:34

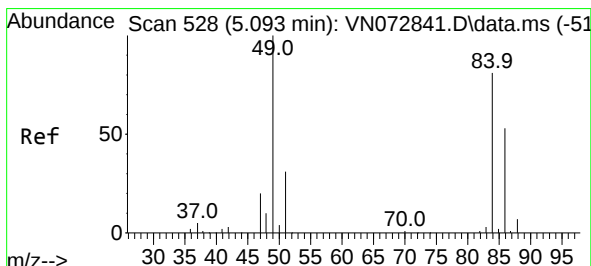
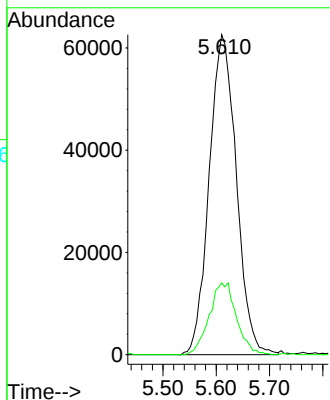
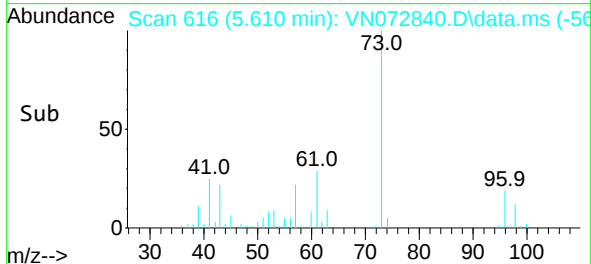
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



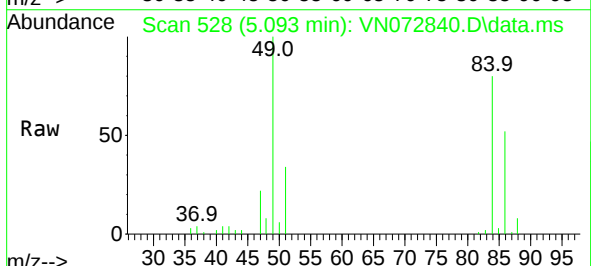
Tgt Ion: 73 Resp: 22179
Ion Ratio Lower Upper
73 100
57 22.5 17.6 26.4

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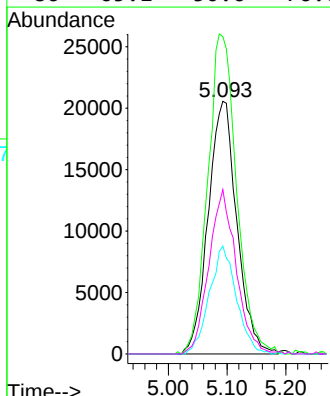
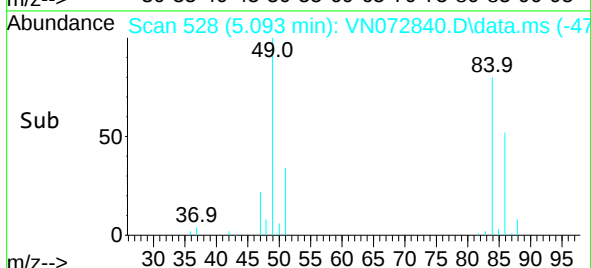
Reviewed By :John Carlone 06/15/2022
Supervised By :Mahesh Dadoda 06/15/2022

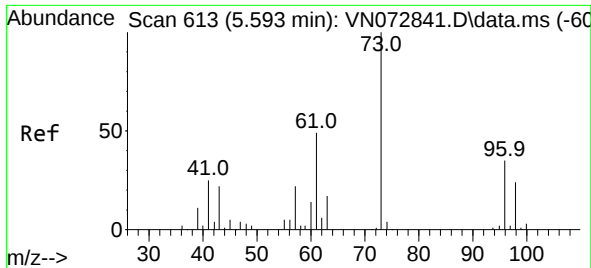


#20
Methylene Chloride
Concen: 18.454 ug/l
RT: 5.093 min Scan# 528
Delta R.T. 0.000 min
Lab File: VN072840.D
Acq: 14 Jun 2022 18:34



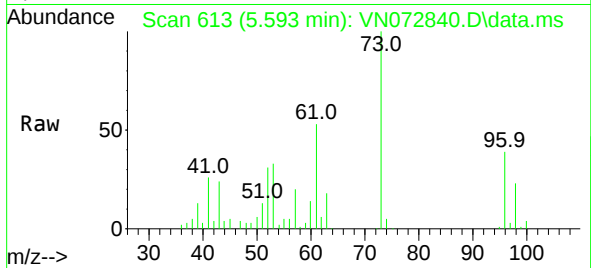
Tgt Ion: 84 Resp: 69651
Ion Ratio Lower Upper
84 100
49 125.7 88.3 132.5
51 42.7 28.2 42.2#
86 65.1 50.6 76.0





#21
trans-1,2-Dichloroethene
Concen: 17.686 ug/l
RT: 5.593 min Scan# 613
Delta R.T. 0.000 min
Lab File: VN072840.D
Acq: 14 Jun 2022 18:34

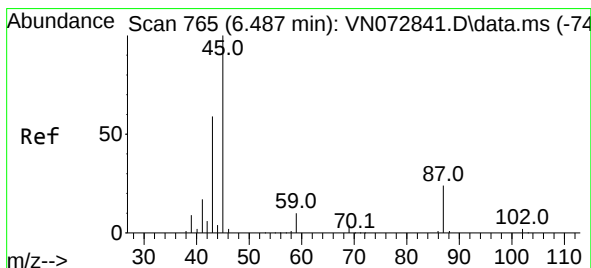
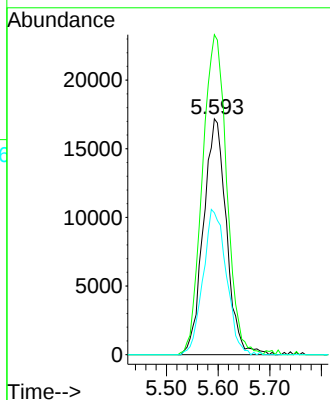
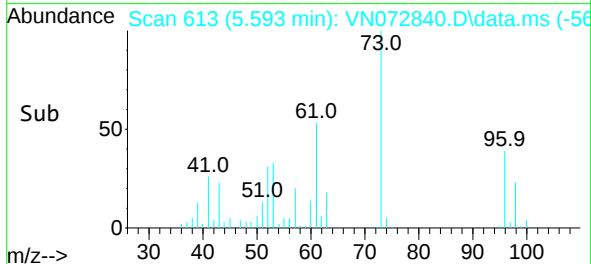
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



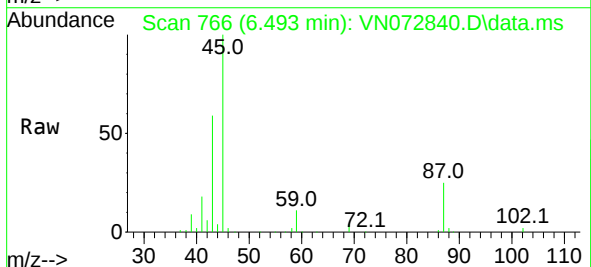
Tgt Ion: 96 Resp: 5304
Ion Ratio Lower Upper
96 100
61 135.7 105.8 158.8
98 60.2 50.3 75.5

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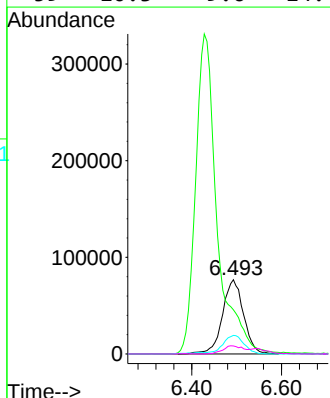
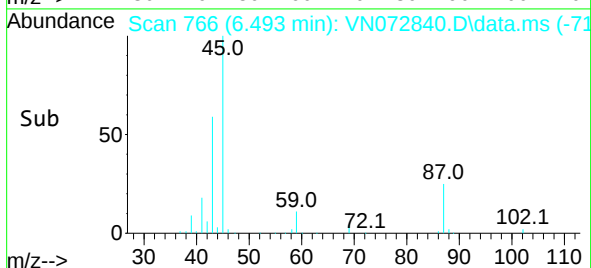
Reviewed By :John Carlone 06/15/2022
Supervised By :Mahesh Dadoda 06/15/2022

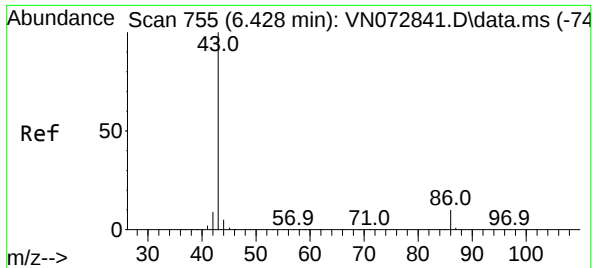


#22
Diisopropyl ether
Concen: 19.490 ug/l
RT: 6.493 min Scan# 766
Delta R.T. 0.006 min
Lab File: VN072840.D
Acq: 14 Jun 2022 18:34



Tgt Ion: 45 Resp: 251048
Ion Ratio Lower Upper
45 100
43 57.8 46.6 70.0
87 24.9 24.3 36.5
59 10.3 9.6 14.4





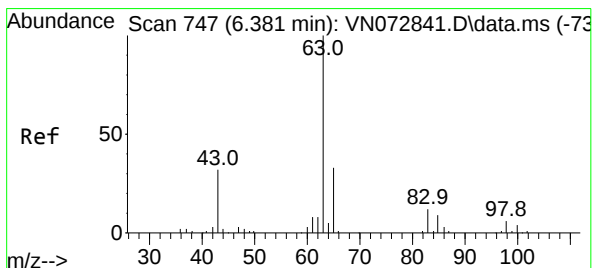
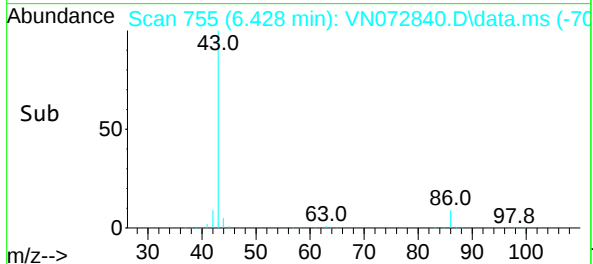
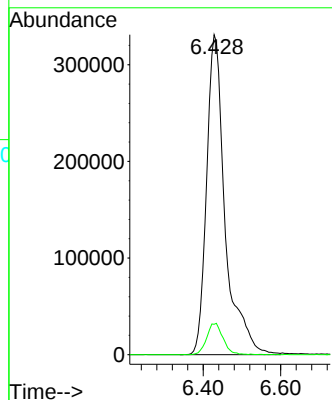
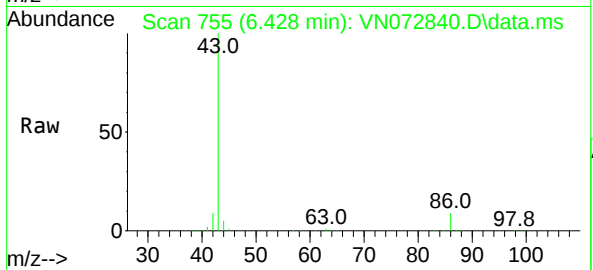
#23
 Vinyl Acetate
 Concen: 96.591 ug/l
 RT: 6.428 min Scan# 755
 Delta R.T. 0.000 min
 Lab File: VN072840.D
 Acq: 14 Jun 2022 18:34

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Tgt Ion: 43 Resp: 110094
 Ion Ratio Lower Upper
 43 100
 86 9.5 10.0 15.0

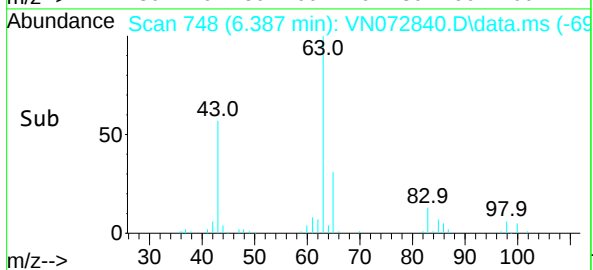
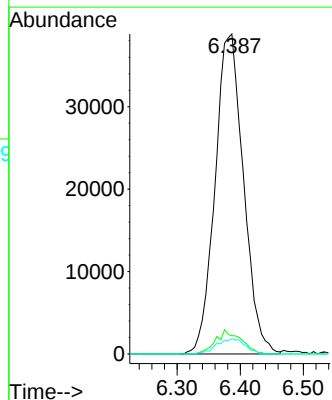
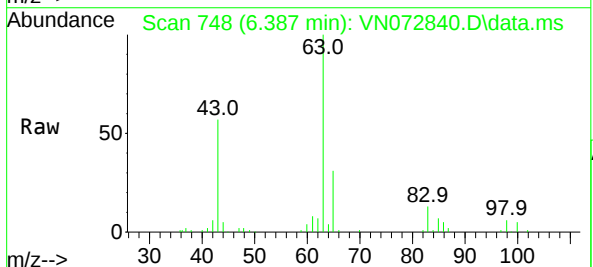
Manual Integrations
 APPROVED

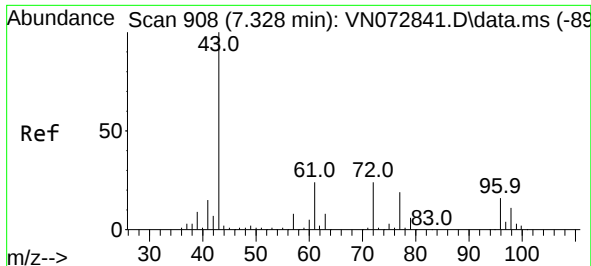
Reviewed By :John Carlone 06/15/2022
 Supervised By :Mahesh Dadoda 06/15/2022



#24
 1,1-Dichloroethane
 Concen: 18.757 ug/l
 RT: 6.387 min Scan# 748
 Delta R.T. 0.006 min
 Lab File: VN072840.D
 Acq: 14 Jun 2022 18:34

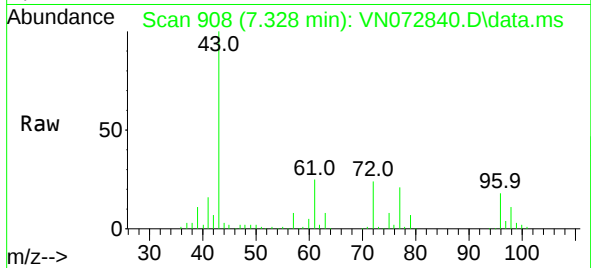
Tgt Ion: 63 Resp: 121722
 Ion Ratio Lower Upper
 63 100
 98 5.7 3.5 10.4
 100 4.8 2.3 6.8





#25
2-Butanone
Concen: 97.770 ug/l
RT: 7.328 min Scan# 908
Delta R.T. 0.000 min
Lab File: VN072840.D
Acq: 14 Jun 2022 18:34

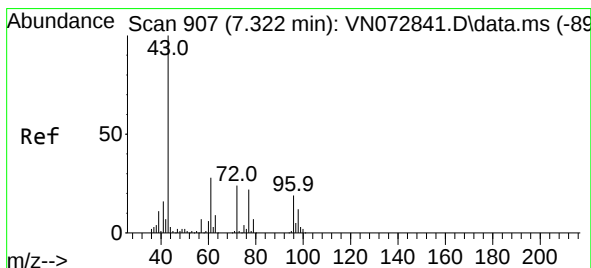
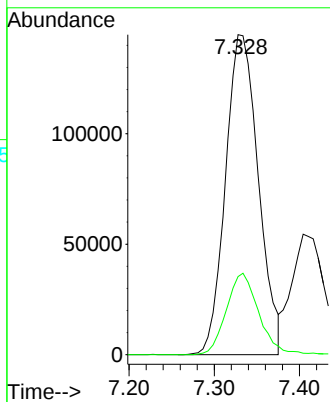
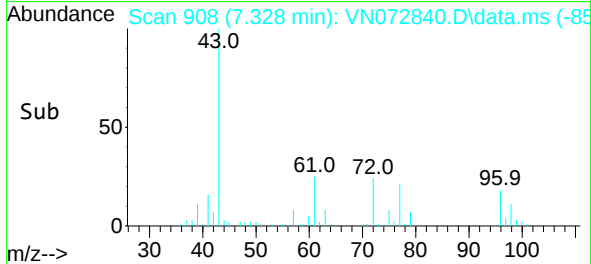
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 43 Resp: 388800
Ion Ratio Lower Upper
43 100
72 24.4 23.7 35.5

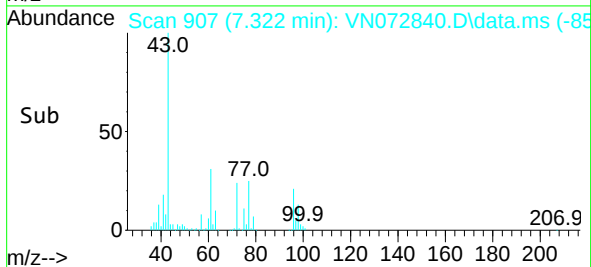
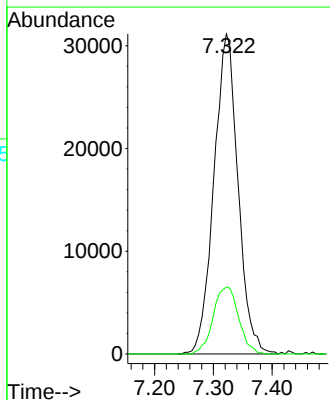
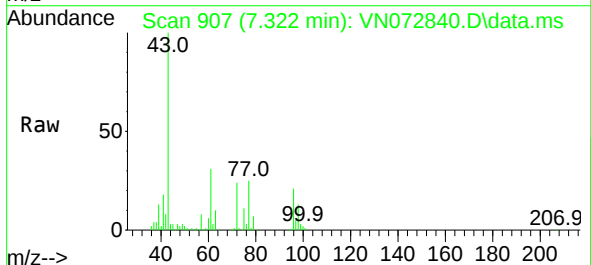
Manual Integrations
APPROVED

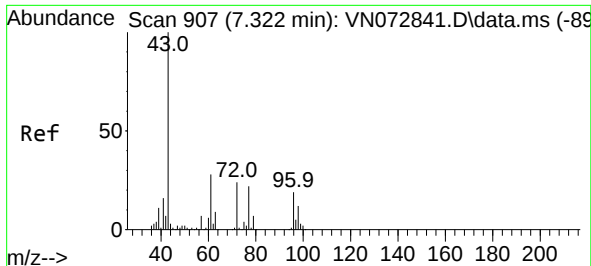
Reviewed By :John Carlone 06/15/2022
Supervised By :Mahesh Dadoda 06/15/2022



#26
2,2-Dichloropropane
Concen: 17.862 ug/l
RT: 7.322 min Scan# 907
Delta R.T. 0.000 min
Lab File: VN072840.D
Acq: 14 Jun 2022 18:34

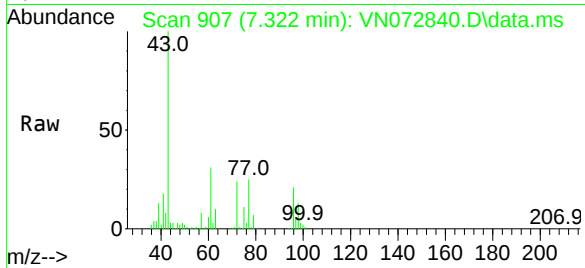
Tgt Ion: 77 Resp: 88735
Ion Ratio Lower Upper
77 100
97 22.1 11.4 34.2





#27
 cis-1,2-Dichloroethene
 Concen: 18.240 ug/l
 RT: 7.322 min Scan# 907
 Delta R.T. 0.000 min
 Lab File: VN072840.D
 Acq: 14 Jun 2022 18:34

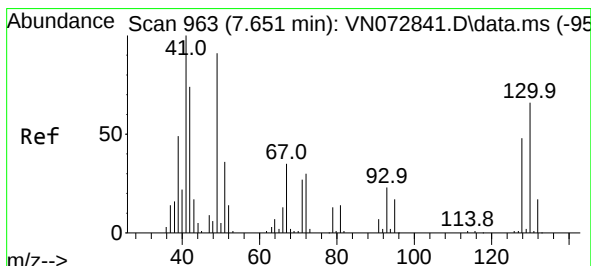
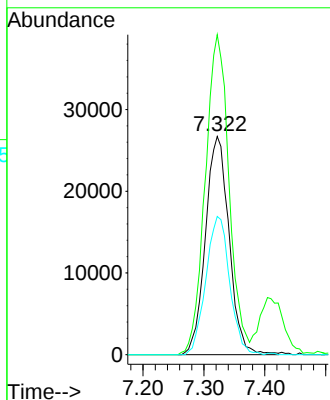
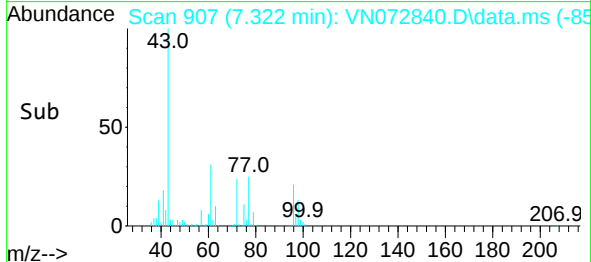
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020



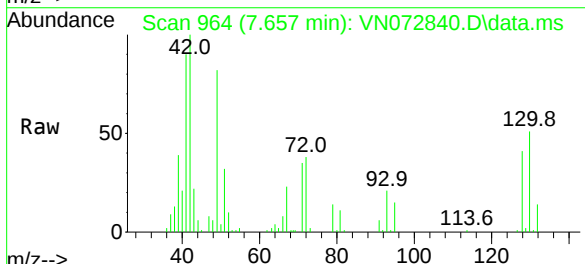
Tgt Ion: 96 Resp: 7196
 Ion Ratio Lower Upper
 96 100
 61 147.5 0.0 280.6
 98 63.8 0.0 128.4

Manual Integrations
 APPROVED

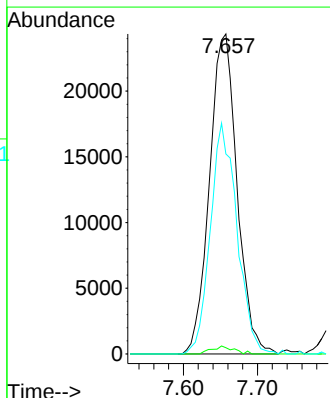
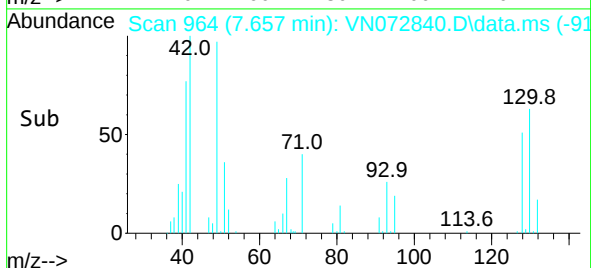
Reviewed By :John Carlone 06/15/2022
 Supervised By :Mahesh Dadoda 06/15/2022

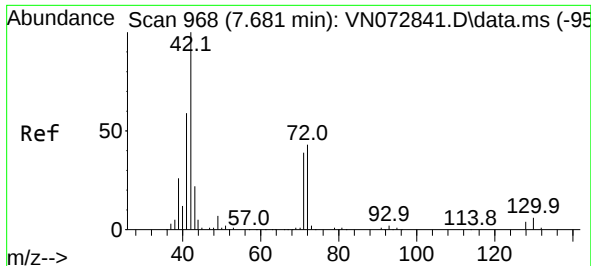


#28
 Bromochloromethane
 Concen: 19.792 ug/l
 RT: 7.657 min Scan# 964
 Delta R.T. 0.006 min
 Lab File: VN072840.D
 Acq: 14 Jun 2022 18:34



Tgt Ion: 49 Resp: 63075
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.6
 130 69.5 69.7 104.5#





#29

Tetrahydrofuran

Concen: 100.226 ug/l

RT: 7.681 min Scan# 90

Delta R.T. 0.000 min

Lab File: VN072840.D

Acq: 14 Jun 2022 18:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

Tgt Ion: 42 Resp: 256300

Ion Ratio Lower Upper

42 100

72 39.4 39.7 59.5

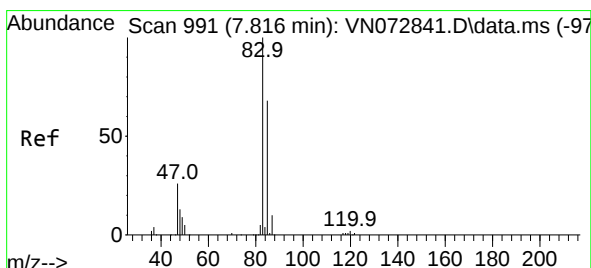
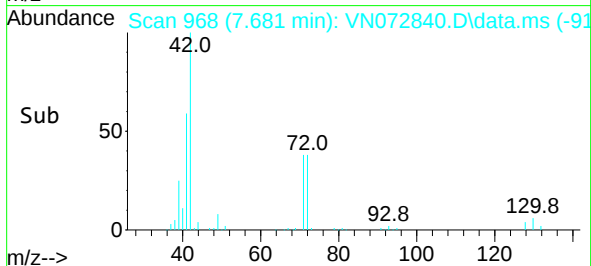
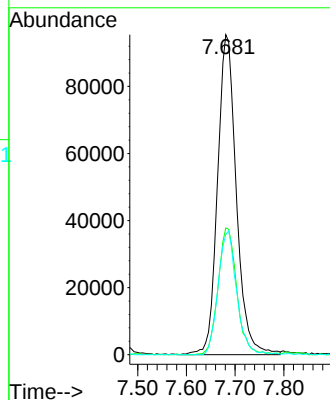
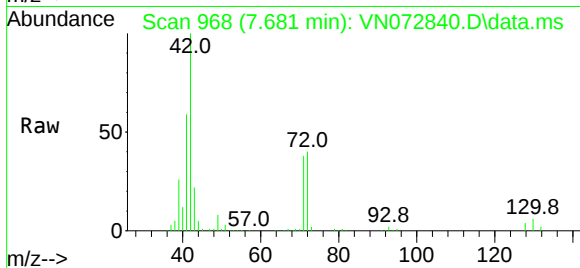
71 38.1 36.6 55.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/15/2022

Supervised By :Mahesh Dadoda 06/15/2022



#30

Chloroform

Concen: 18.942 ug/l

RT: 7.810 min Scan# 990

Delta R.T. -0.006 min

Lab File: VN072840.D

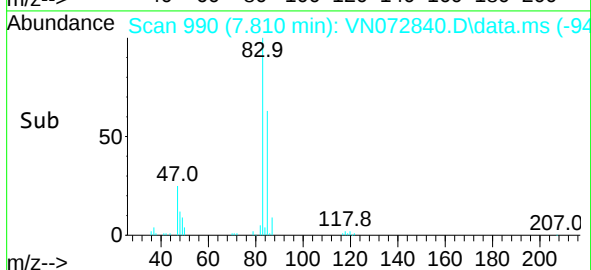
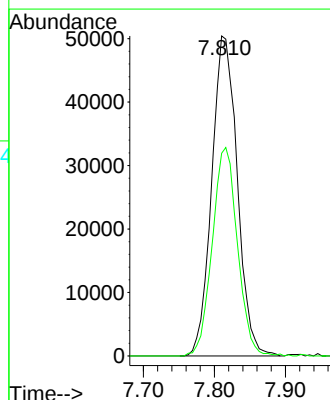
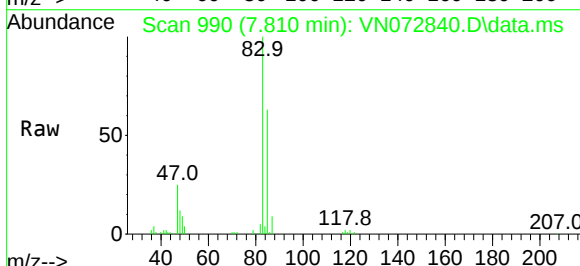
Acq: 14 Jun 2022 18:34

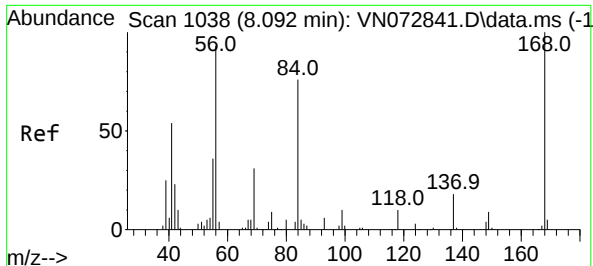
Tgt Ion: 83 Resp: 125867

Ion Ratio Lower Upper

83 100

85 63.4 51.8 77.8





#31

Cyclohexane

Concen: 18.340 ug/l

RT: 8.087 min Scan# 1037

Delta R.T. -0.006 min

Lab File: VN072840.D

Acq: 14 Jun 2022 18:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 56 Resp: 10050

Ion Ratio Lower Upper

56 100

69 38.4 27.8 41.8

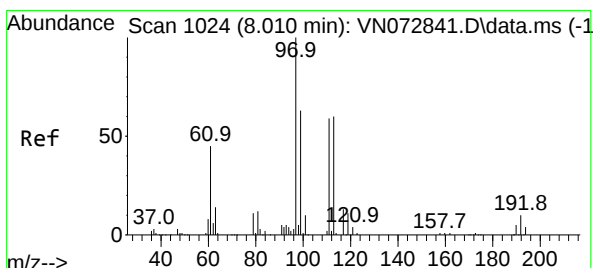
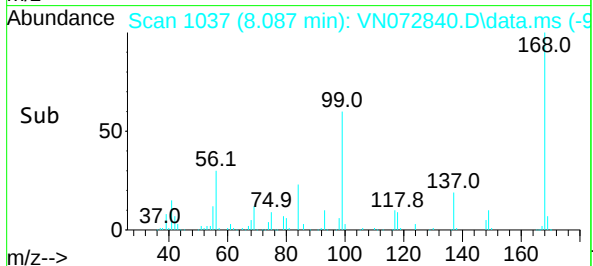
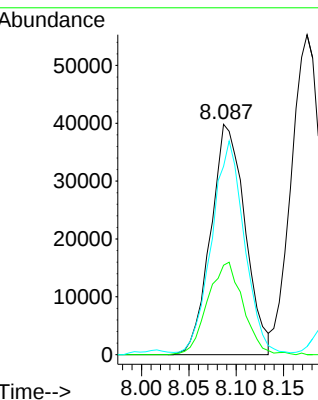
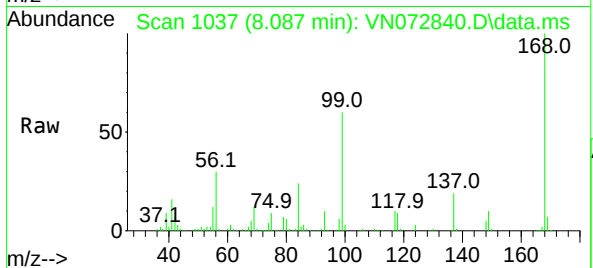
84 80.7 76.9 115.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/15/2022

Supervised By :Mahesh Dadoda 06/15/2022



#32

1,1,1-Trichloroethane

Concen: 18.868 ug/l

RT: 8.010 min Scan# 1024

Delta R.T. 0.000 min

Lab File: VN072840.D

Acq: 14 Jun 2022 18:34

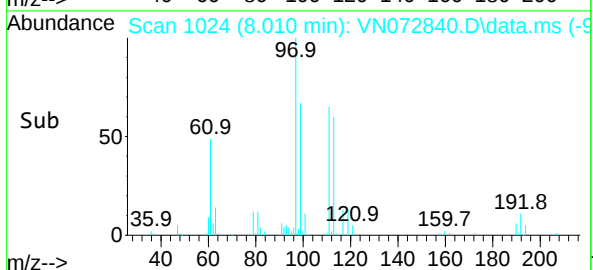
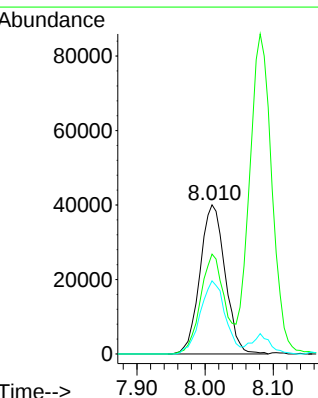
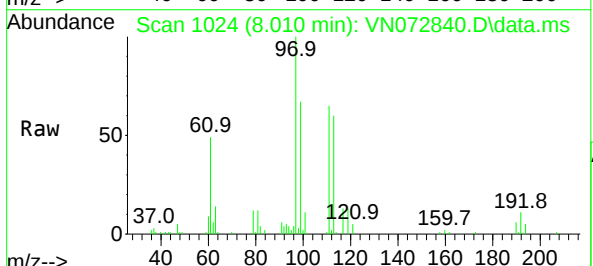
Tgt Ion: 97 Resp: 102761

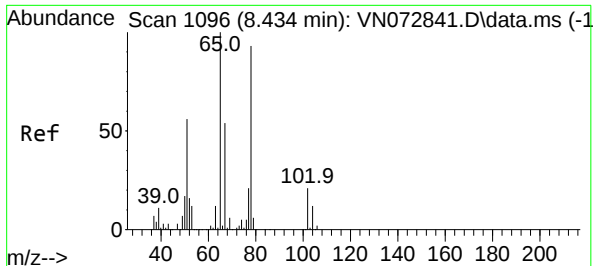
Ion Ratio Lower Upper

97 100

99 65.1 50.6 76.0

61 48.4 36.0 54.0





#33

1,2-Dichloroethane-d4

Concen: 19.120 ug/l

RT: 8.434 min Scan# 1096

Delta R.T. 0.000 min

Lab File: VN072840.D

Acq: 14 Jun 2022 18:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 65 Resp: 90414

Ion Ratio Lower Upper

65 100

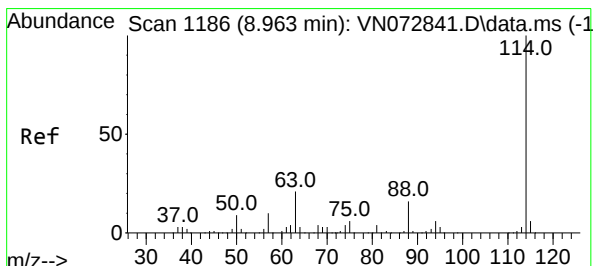
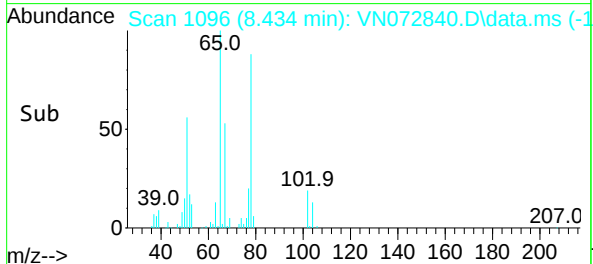
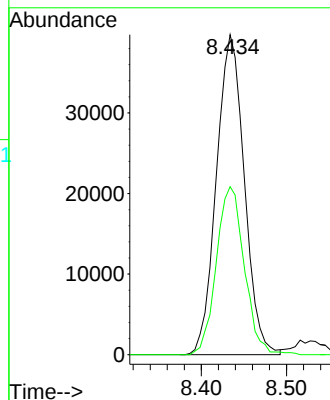
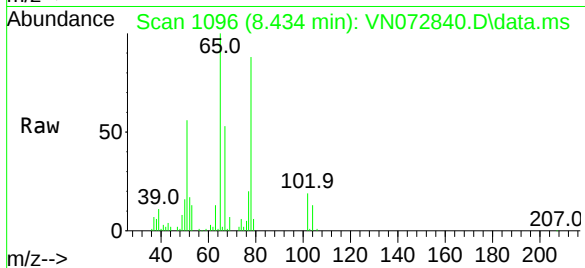
67 52.6 0.0 104.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/15/2022

Supervised By :Mahesh Dadoda 06/15/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. 0.000 min

Lab File: VN072840.D

Acq: 14 Jun 2022 18:34

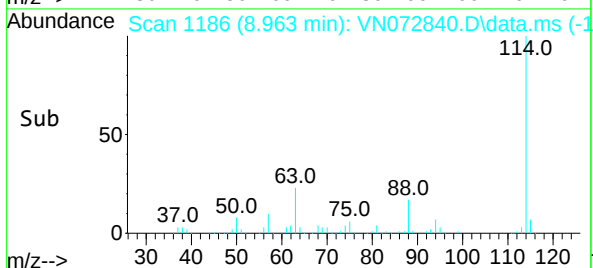
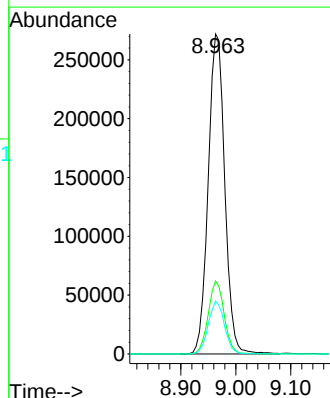
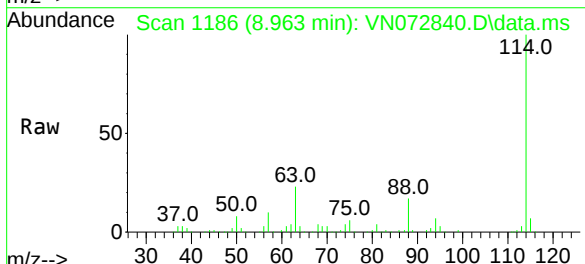
Tgt Ion:114 Resp: 568782

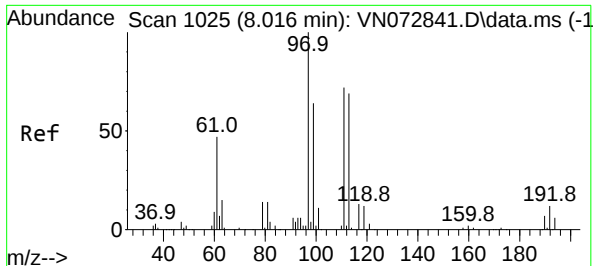
Ion Ratio Lower Upper

114 100

63 22.8 0.0 40.0

88 16.6 0.0 32.6





#35

Dibromofluoromethane

Concen: 19.640 ug/l

RT: 8.022 min Scan# 1026

Delta R.T. 0.006 min

Lab File: VN072840.D

Acq: 14 Jun 2022 18:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

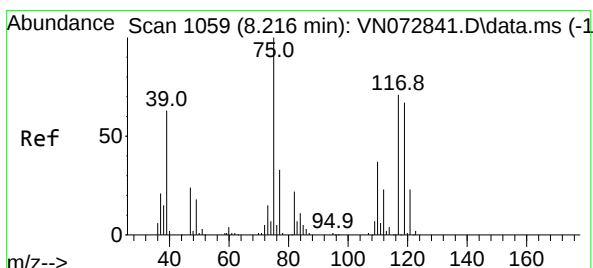
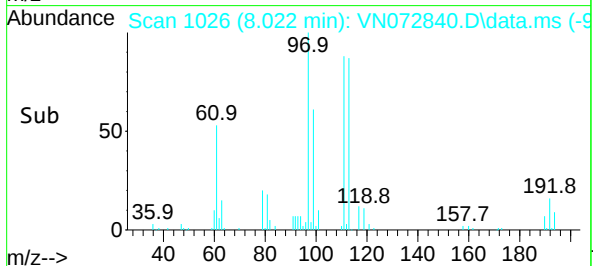
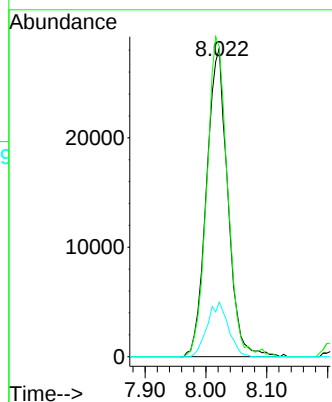
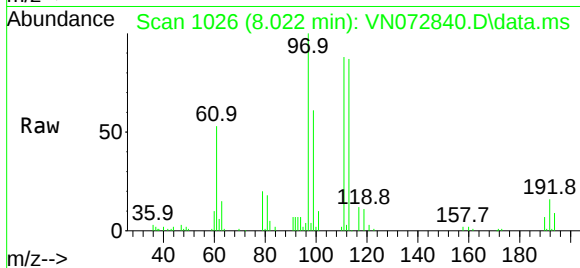
Tgt Ion:	113	Resp:	68350
Ion	Ratio	Lower	Upper
113	100		
111	100.8	81.4	122.0
192	17.5	17.0	25.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/15/2022

Supervised By :Mahesh Dadoda 06/15/2022



#36

1,1-Dichloropropene

Concen: 17.651 ug/l

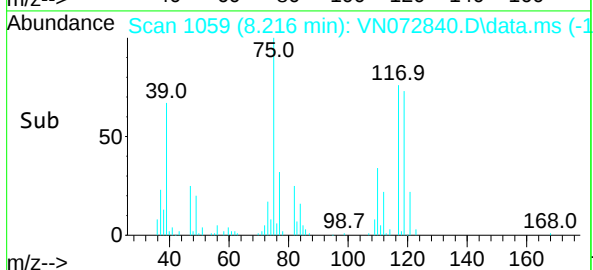
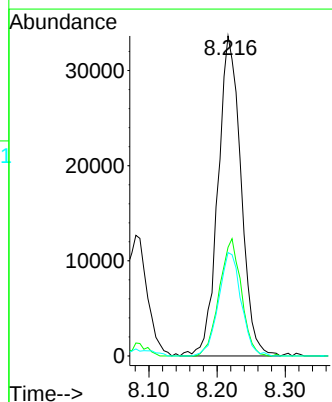
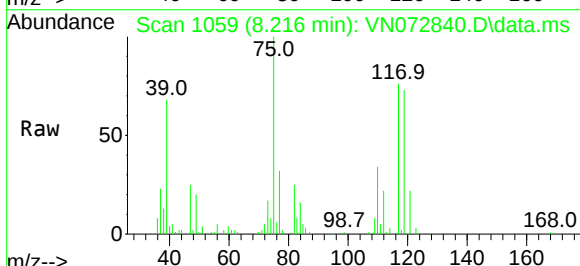
RT: 8.216 min Scan# 1059

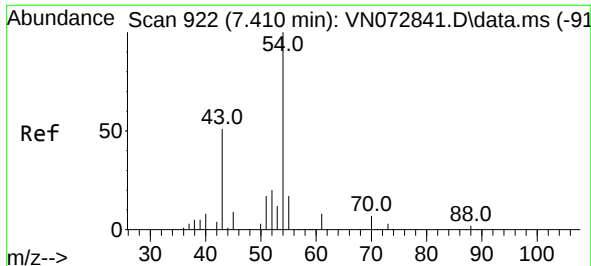
Delta R.T. 0.000 min

Lab File: VN072840.D

Acq: 14 Jun 2022 18:34

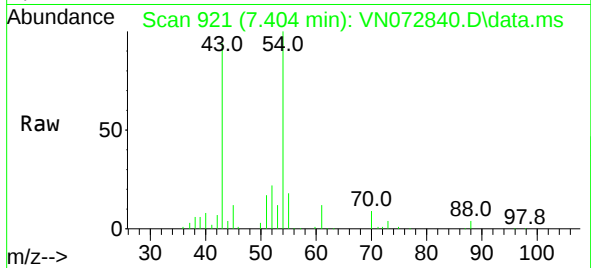
Tgt Ion:	75	Resp:	78862
Ion	Ratio	Lower	Upper
75	100		
110	35.1	18.3	54.8
77	31.8	25.1	37.7





#37
Ethyl Acetate
Concen: 21.010 ug/l
RT: 7.404 min Scan# 911
Delta R.T. -0.006 min
Lab File: VN072840.D
Acq: 14 Jun 2022 18:34

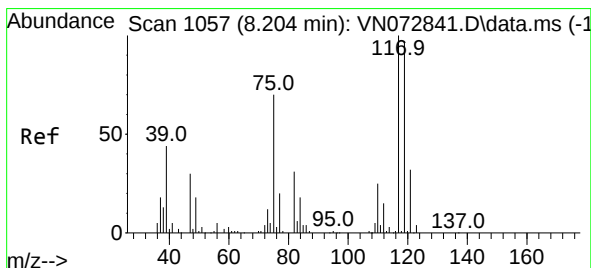
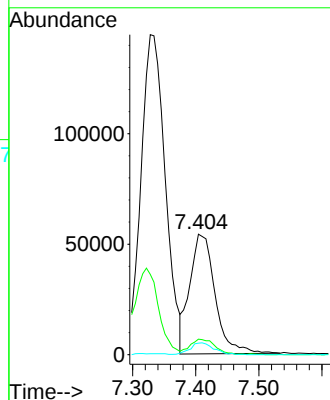
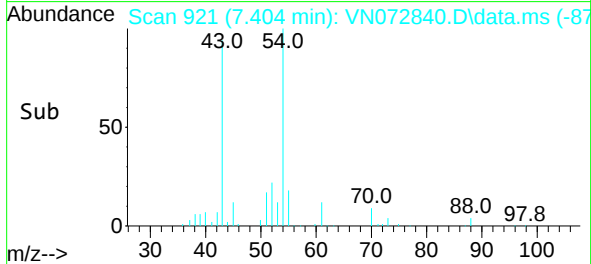
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 43 Resp: 15141
Ion Ratio Lower Upper
43 100
61 12.3 11.8 17.6
70 9.4 9.3 13.9

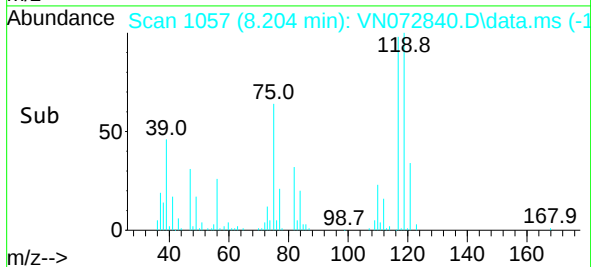
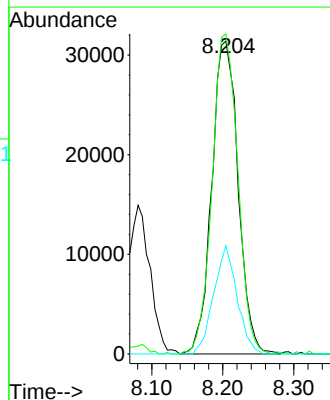
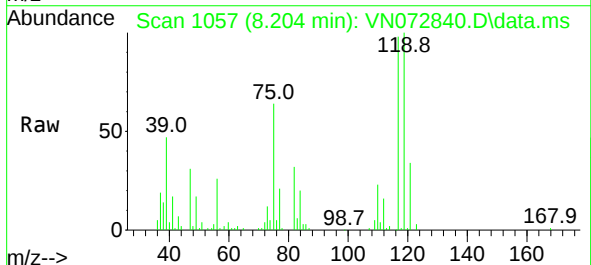
Manual Integrations
APPROVED

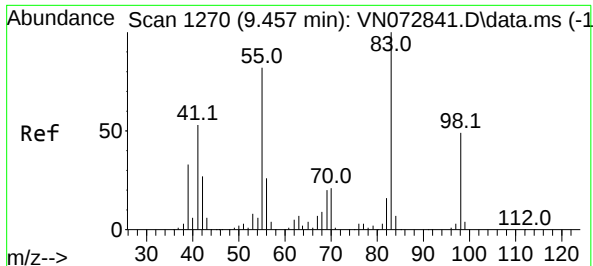
Reviewed By :John Carlone 06/15/2022
Supervised By :Mahesh Dadoda 06/15/2022



#38
Carbon Tetrachloride
Concen: 18.084 ug/l
RT: 8.204 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN072840.D
Acq: 14 Jun 2022 18:34

Tgt Ion:117 Resp: 80821
Ion Ratio Lower Upper
117 100
119 102.3 75.8 113.8
121 34.6 24.6 37.0





#39

Methylcyclohexane

Concen: 17.979 ug/l

RT: 9.457 min Scan# 1100

Delta R.T. 0.000 min

Lab File: VN072840.D

Acq: 14 Jun 2022 18:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

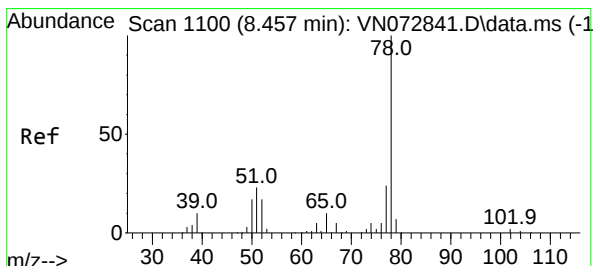
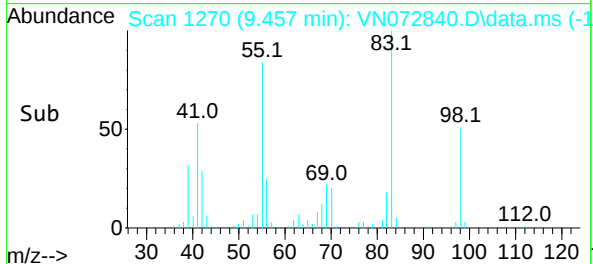
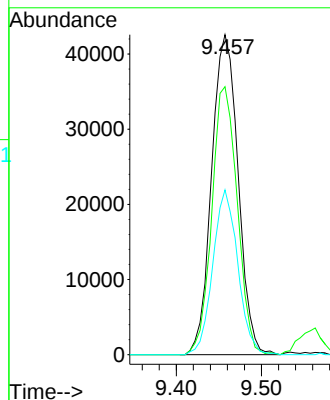
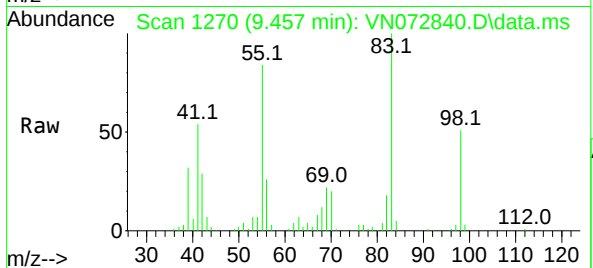
Tgt Ion: 83	Resp: 92084
Ion Ratio	Lower Upper
83 100	
55 83.8	57.8 86.8
98 51.5	39.4 59.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/15/2022

Supervised By :Mahesh Dadoda 06/15/2022



#40

Benzene

Concen: 18.550 ug/l

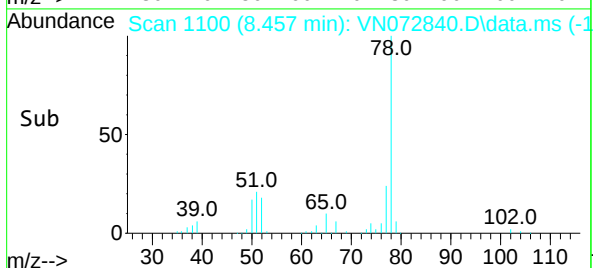
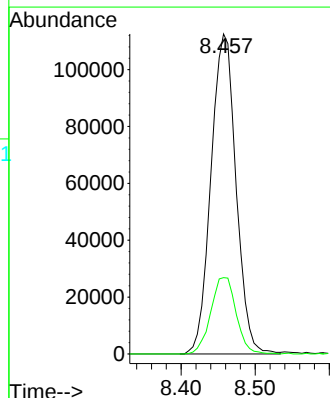
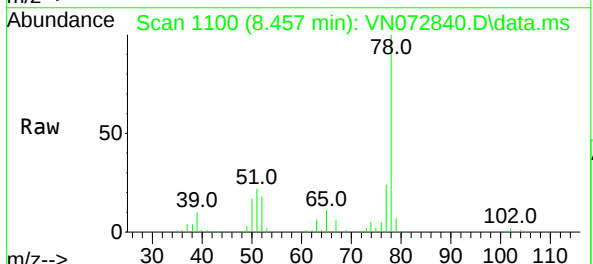
RT: 8.457 min Scan# 1100

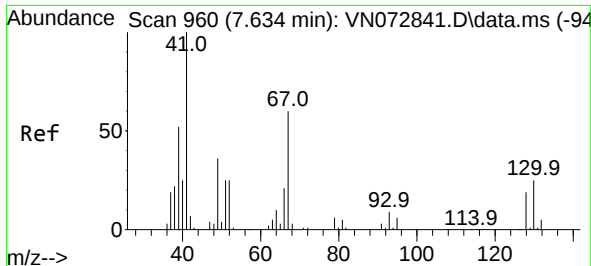
Delta R.T. 0.000 min

Lab File: VN072840.D

Acq: 14 Jun 2022 18:34

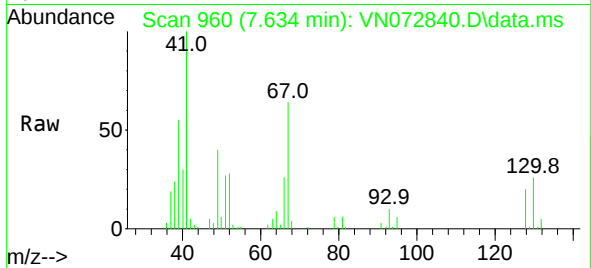
Tgt Ion: 78	Resp: 264636
Ion Ratio	Lower Upper
78 100	
77 23.9	19.4 29.0





#41
Methacrylonitrile
Concen: 19.328 ug/l
RT: 7.634 min Scan# 960
Delta R.T. 0.000 min
Lab File: VN072840.D
Acq: 14 Jun 2022 18:34

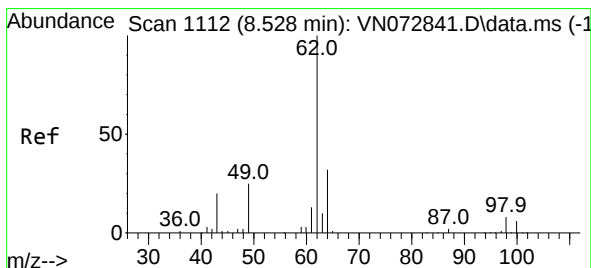
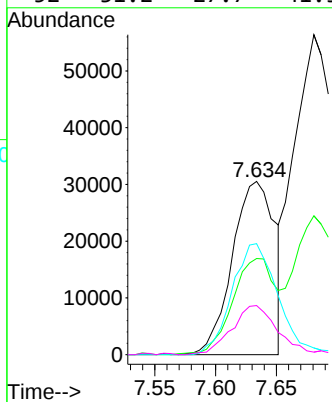
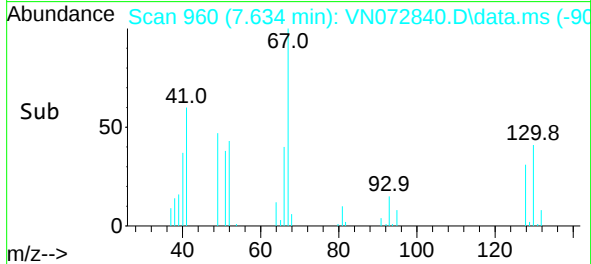
Instrument :
MSVOA_N
Client Sample Id :
VSTDIC020



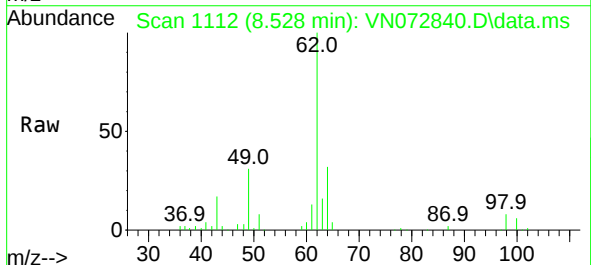
Tgt Ion: 41 Resp: 74004
Ion Ratio Lower Upper
41 100
39 55.1 48.6 73.0
67 70.3 73.4 110.2
52 31.2 27.7 41.5

Manual Integrations
APPROVED

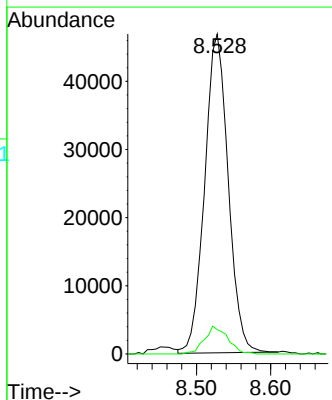
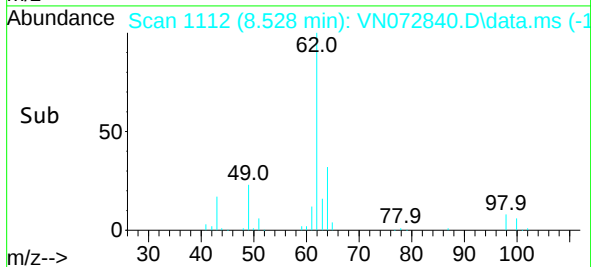
Reviewed By :John Carlone 06/15/2022
Supervised By :Mahesh Dadoda 06/15/2022

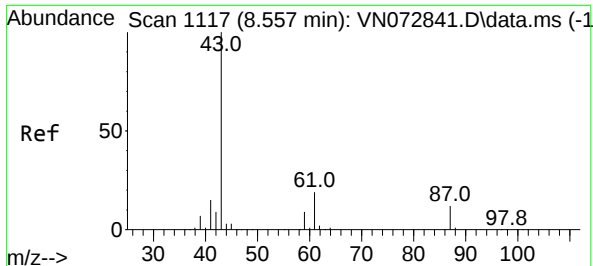


#42
1,2-Dichloroethane
Concen: 19.145 ug/l
RT: 8.528 min Scan# 1112
Delta R.T. 0.000 min
Lab File: VN072840.D
Acq: 14 Jun 2022 18:34



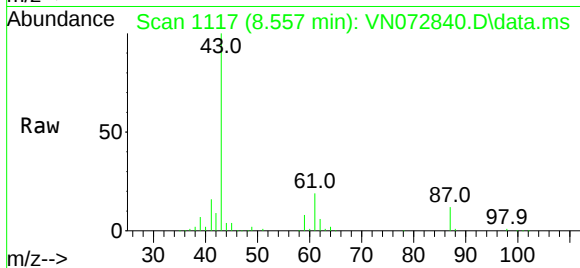
Tgt Ion: 62 Resp: 103206
Ion Ratio Lower Upper
62 100
98 8.6 0.0 19.4





#43
Isopropyl Acetate
Concen: 17.827 ug/l
RT: 8.557 min Scan# 1117
Delta R.T. 0.000 min
Lab File: VN072840.D
Acq: 14 Jun 2022 18:34

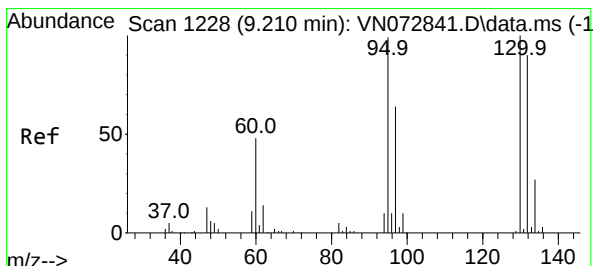
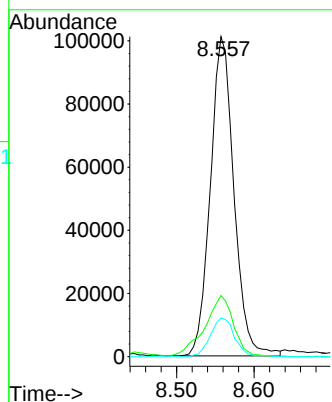
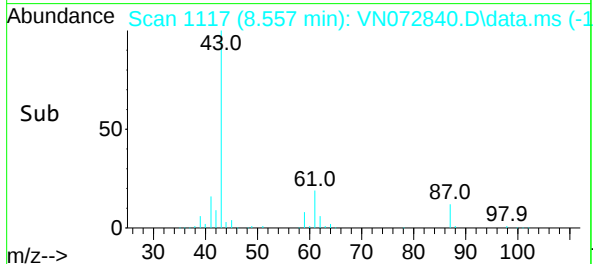
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



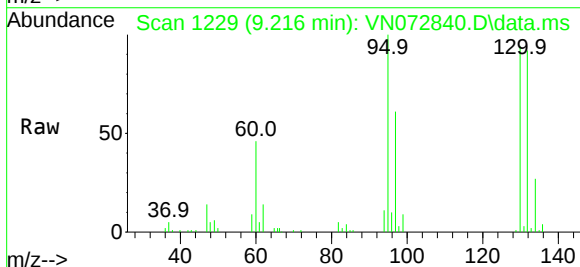
Tgt Ion: 43 Resp: 213538
Ion Ratio Lower Upper
43 100
61 22.9 21.9 32.9
87 12.5 12.0 18.0

Manual Integrations
APPROVED

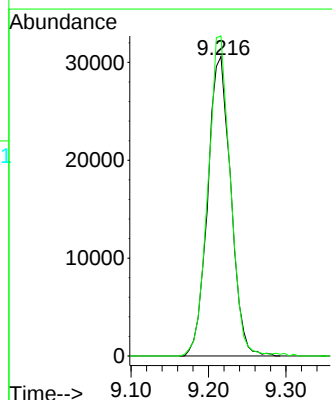
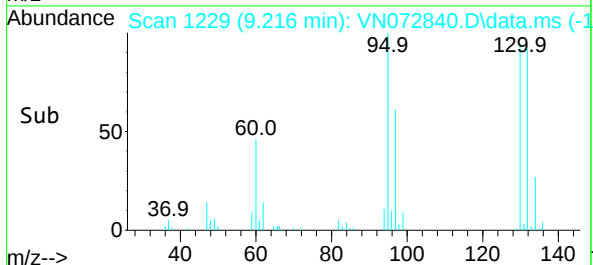
Reviewed By :John Carlone 06/15/2022
Supervised By :Mahesh Dadoda 06/15/2022

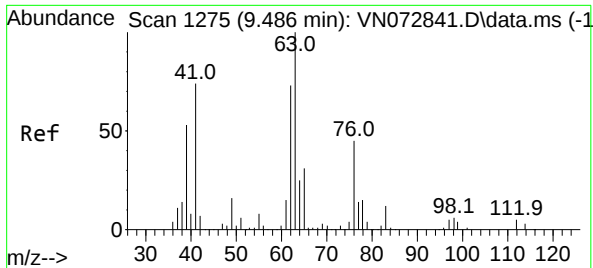


#44
Trichloroethene
Concen: 18.095 ug/l
RT: 9.216 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VN072840.D
Acq: 14 Jun 2022 18:34



Tgt Ion:130 Resp: 63394
Ion Ratio Lower Upper
130 100
95 106.8 0.0 186.8





#45

1,2-Dichloropropane

Concen: 19.587 ug/l

RT: 9.487 min Scan# 1275

Delta R.T. 0.000 min

Lab File: VN072840.D

Acq: 14 Jun 2022 18:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 63 Resp: 73689

Ion Ratio Lower Upper

63 100

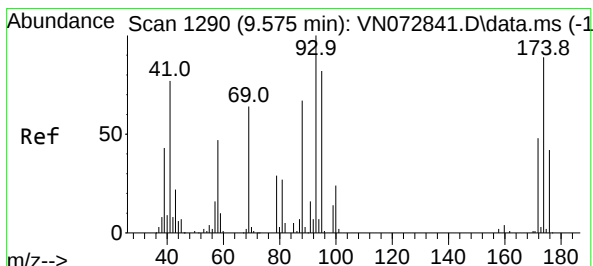
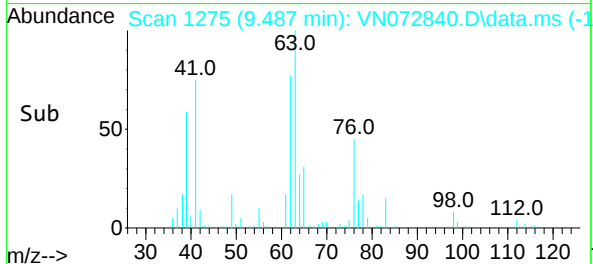
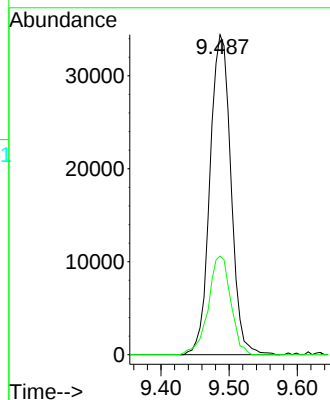
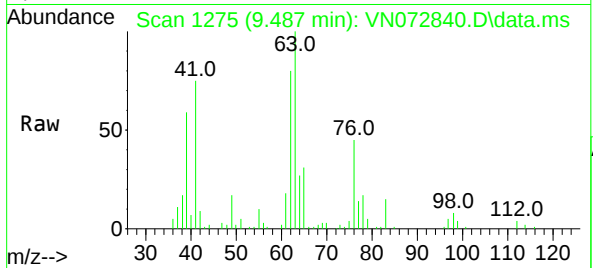
65 30.8 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/15/2022

Supervised By :Mahesh Dadoda 06/15/2022



#46

Dibromomethane

Concen: 18.828 ug/l

RT: 9.575 min Scan# 1290

Delta R.T. 0.000 min

Lab File: VN072840.D

Acq: 14 Jun 2022 18:34

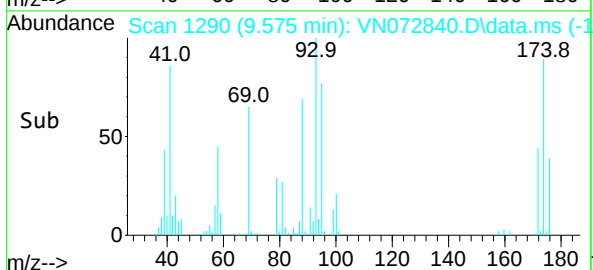
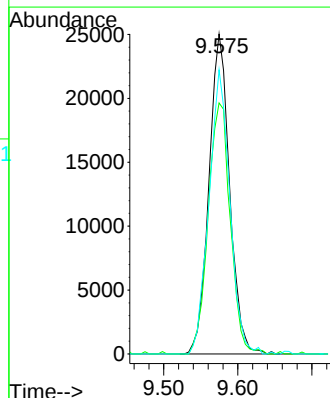
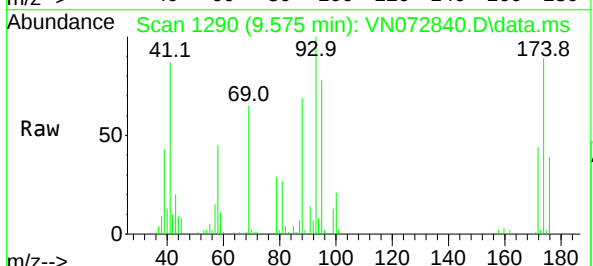
Tgt Ion: 93 Resp: 48434

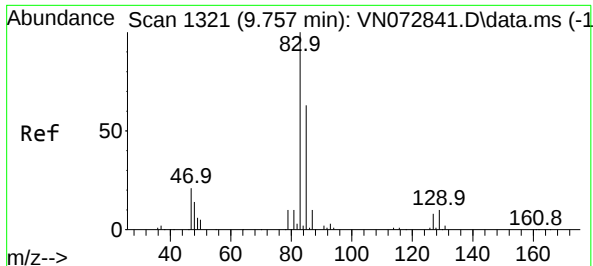
Ion Ratio Lower Upper

93 100

95 83.9 66.9 100.3

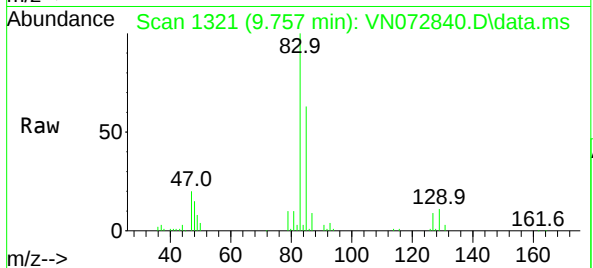
174 90.1 86.6 130.0





#47
Bromodichloromethane
Concen: 19.521 ug/l
RT: 9.757 min Scan# 1321
Delta R.T. 0.000 min
Lab File: VN072840.D
Acq: 14 Jun 2022 18:34

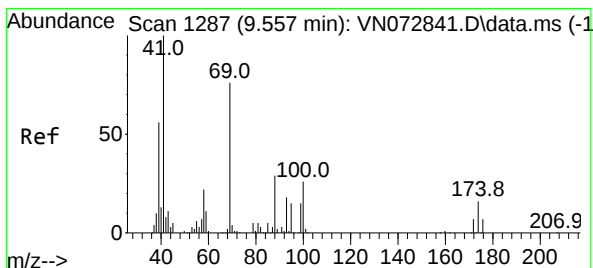
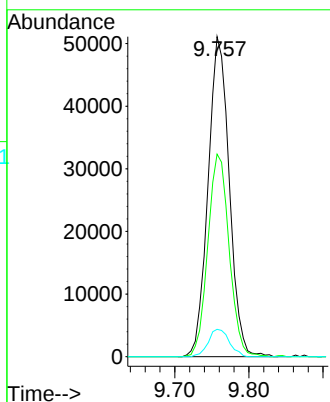
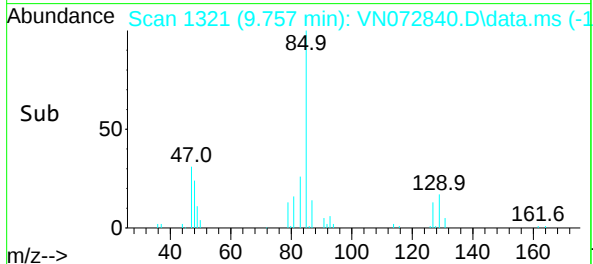
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



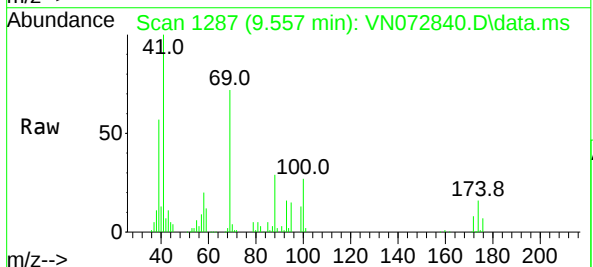
Tgt Ion: 83 Resp: 101478
Ion Ratio Lower Upper
83 100
85 63.3 50.5 75.7
127 8.5 6.8 10.2

Manual Integrations
APPROVED

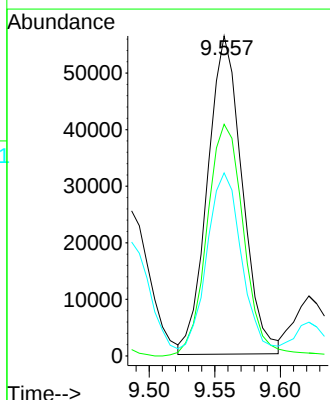
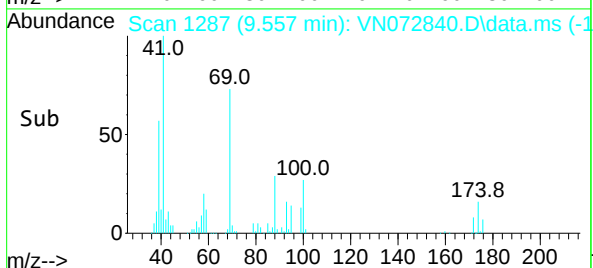
Reviewed By :John Carlone 06/15/2022
Supervised By :Mahesh Dadoda 06/15/2022

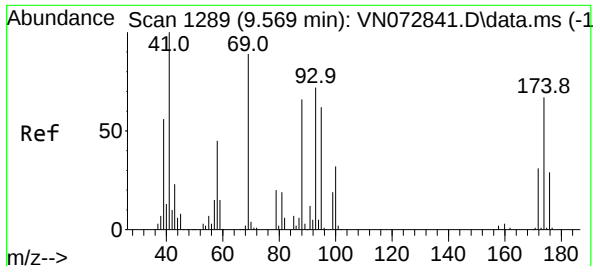


#48
Methyl methacrylate
Concen: 19.688 ug/l
RT: 9.557 min Scan# 1287
Delta R.T. 0.000 min
Lab File: VN072840.D
Acq: 14 Jun 2022 18:34



Tgt Ion: 41 Resp: 103506
Ion Ratio Lower Upper
41 100
69 77.7 74.7 112.1
39 58.9 45.6 68.4





#49

1,4-Dioxane

Concen: 419.517 ug/l

RT: 9.563 min Scan# 1288

Delta R.T. -0.006 min

Lab File: VN072840.D

Acq: 14 Jun 2022 18:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 88 Resp: 4212

Ion Ratio Lower Upper

88 100

43 35.5 20.2 30.4

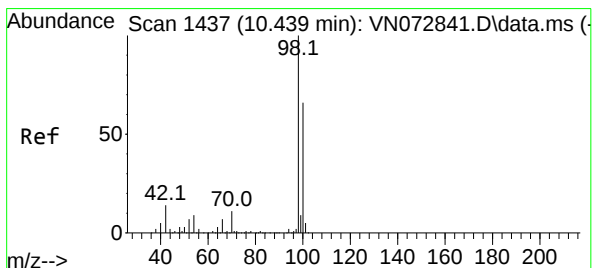
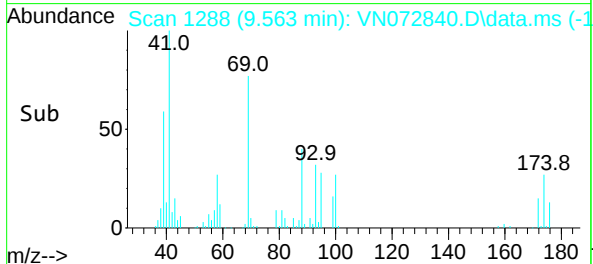
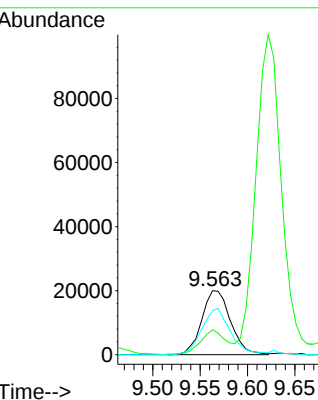
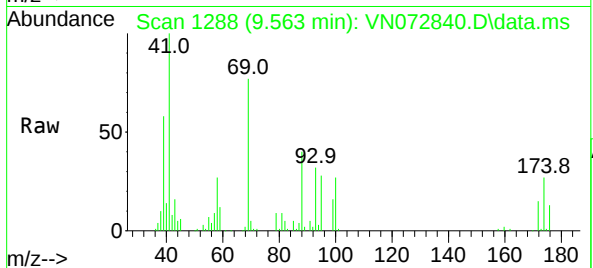
58 71.8 54.2 81.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/15/2022

Supervised By :Mahesh Dadoda 06/15/2022



#50

Toluene-d8

Concen: 18.923 ug/l

RT: 10.439 min Scan# 1437

Delta R.T. 0.000 min

Lab File: VN072840.D

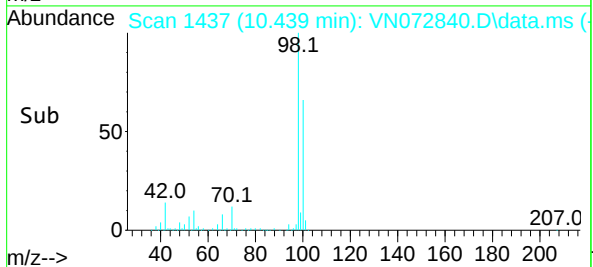
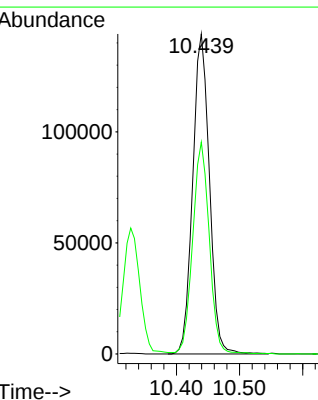
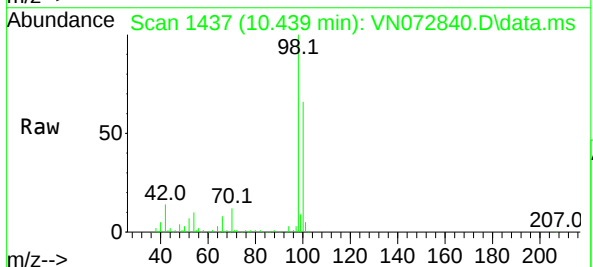
Acq: 14 Jun 2022 18:34

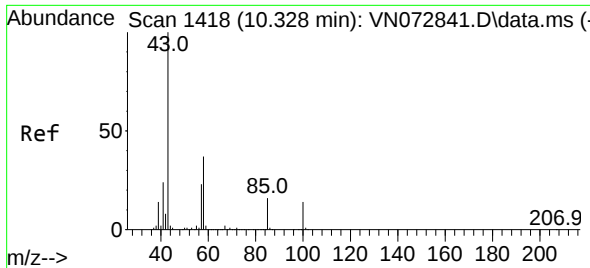
Tgt Ion: 98 Resp: 264376

Ion Ratio Lower Upper

98 100

100 66.0 52.6 78.8





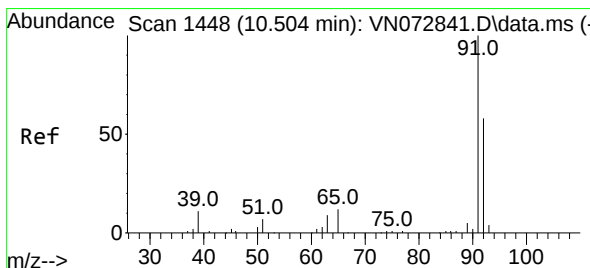
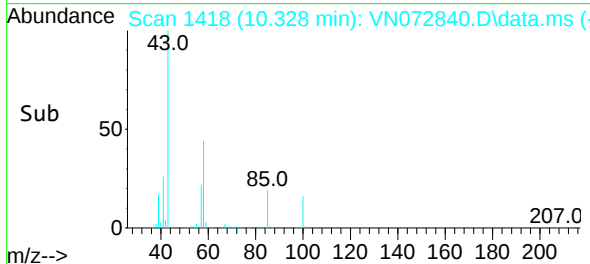
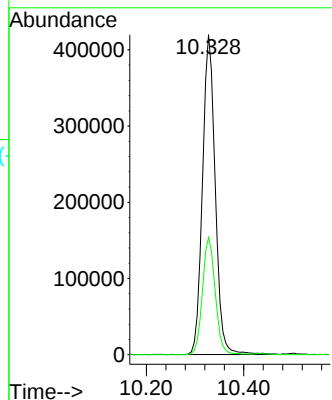
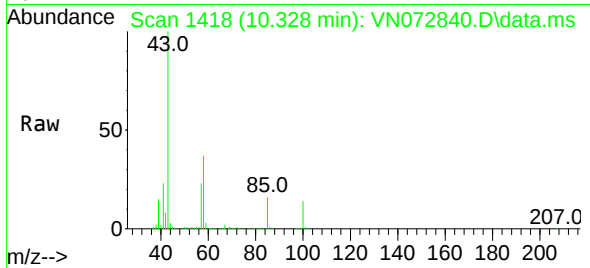
#51
4-Methyl-2-Pentanone
Concen: 99.730 ug/l
RT: 10.328 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VN072840.D
Acq: 14 Jun 2022 18:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 43 Resp: 76513
Ion Ratio Lower Upper
43 100
58 36.8 34.1 51.1

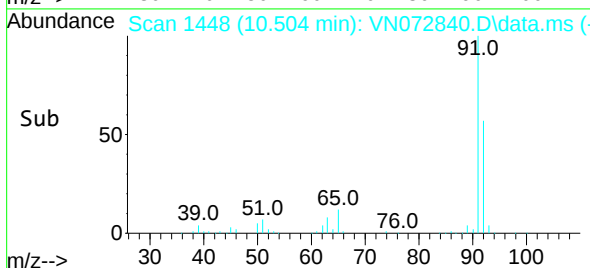
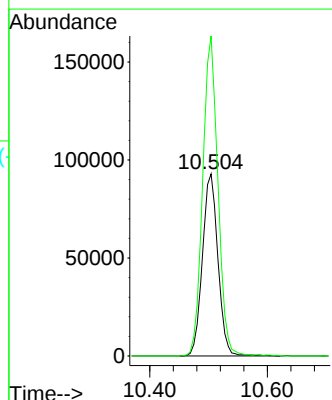
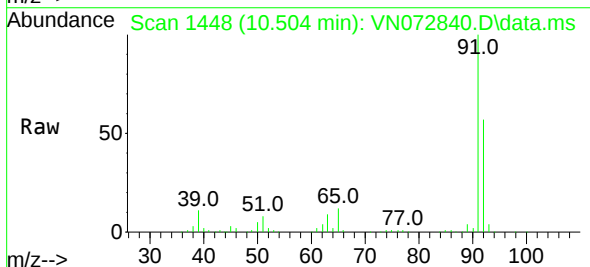
Manual Integrations
APPROVED

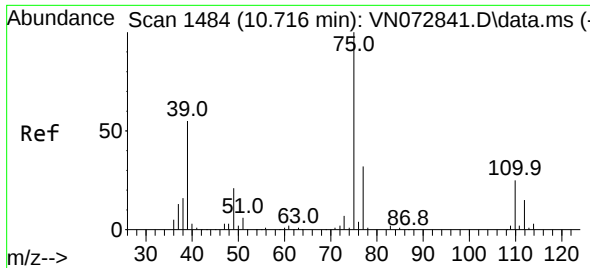
Reviewed By :John Carlone 06/15/2022
Supervised By :Mahesh Dadoda 06/15/2022



#52
Toluene
Concen: 18.827 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN072840.D
Acq: 14 Jun 2022 18:34

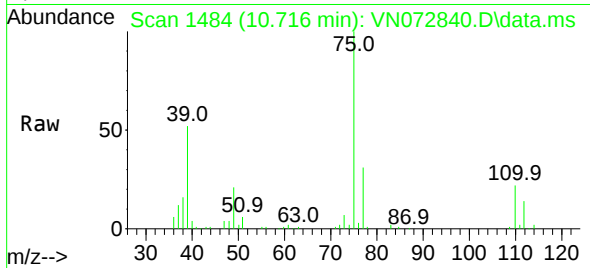
Tgt Ion: 92 Resp: 169488
Ion Ratio Lower Upper
92 100
91 173.0 138.6 207.8





#53
t-1,3-Dichloropropene
Concen: 18.225 ug/l
RT: 10.716 min Scan# 1484
Delta R.T. 0.000 min
Lab File: VN072840.D
Acq: 14 Jun 2022 18:34

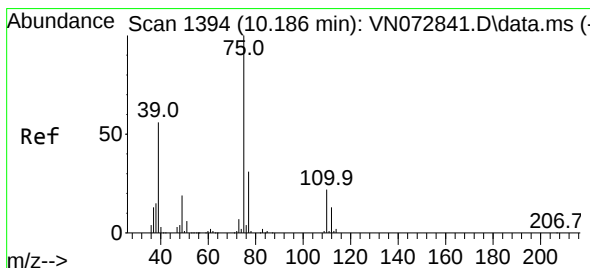
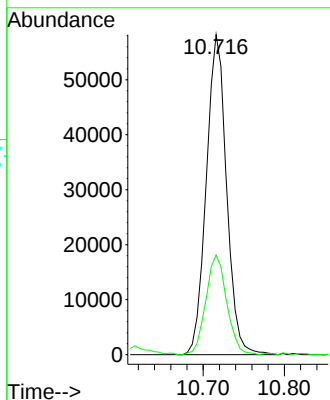
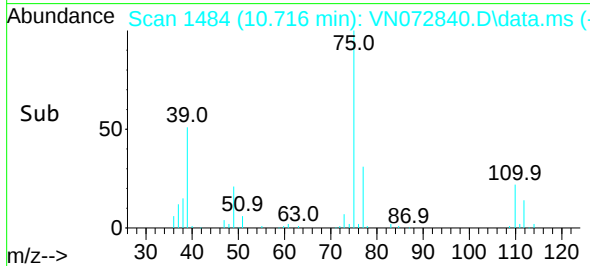
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



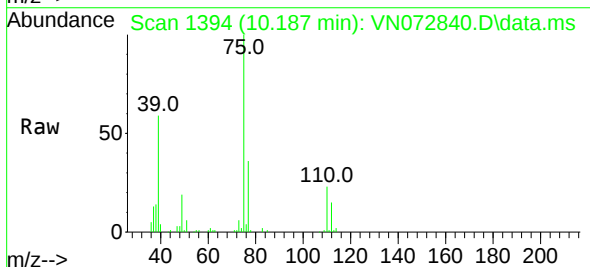
Tgt Ion: 75 Resp: 100894
Ion Ratio Lower Upper
75 100
77 31.1 25.6 38.4

Manual Integrations
APPROVED

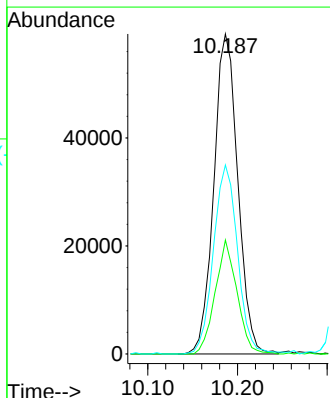
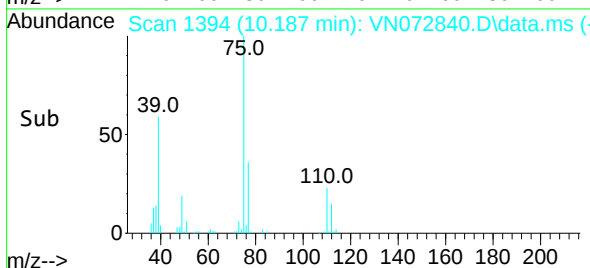
Reviewed By :John Carlone 06/15/2022
Supervised By :Mahesh Dadoda 06/15/2022

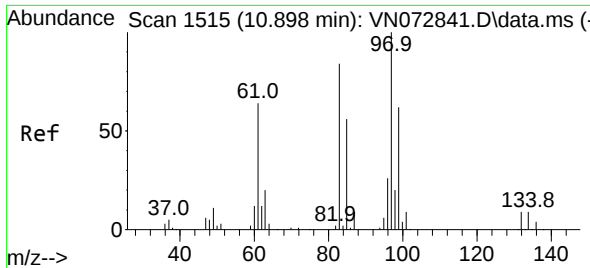


#54
cis-1,3-Dichloropropene
Concen: 18.518 ug/l
RT: 10.187 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VN072840.D
Acq: 14 Jun 2022 18:34



Tgt Ion: 75 Resp: 109893
Ion Ratio Lower Upper
75 100
77 35.6 25.2 37.8
39 59.0 35.7 53.5#





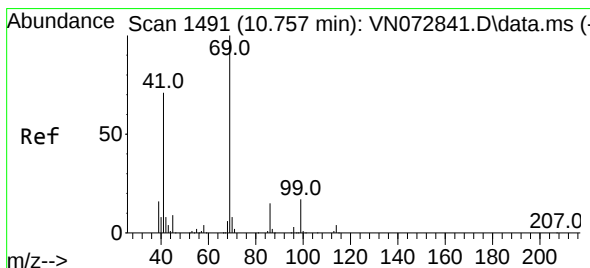
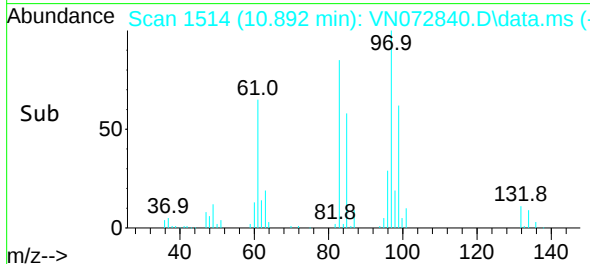
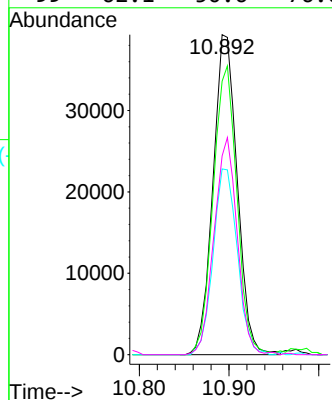
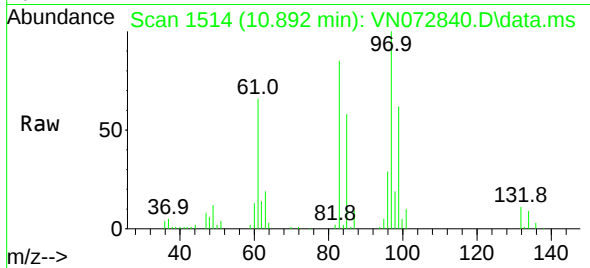
#55
1,1,2-Trichloroethane
Concen: 18.743 ug/l
RT: 10.892 min Scan# 1514
Delta R.T. -0.006 min
Lab File: VN072840.D
Acq: 14 Jun 2022 18:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 97	Resp: 73819
Ion Ratio	Lower Upper
97 100	
83 85.4	66.2 99.4
85 58.1	43.9 65.9
99 62.1	50.6 76.0

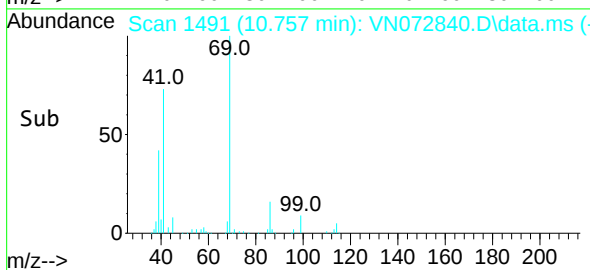
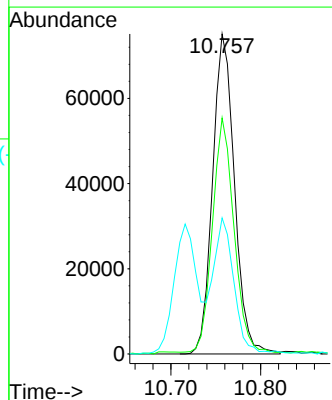
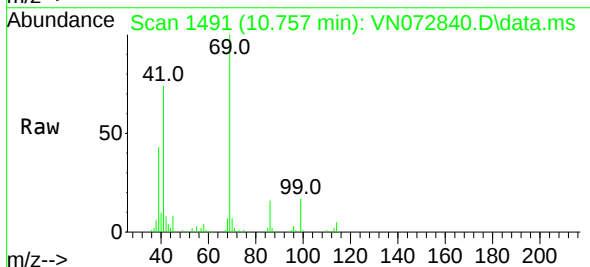
Manual Integrations
APPROVED

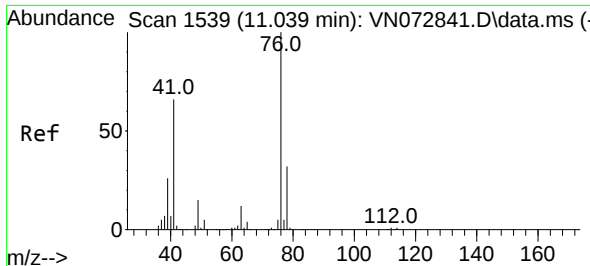
Reviewed By :John Carlone 06/15/2022
Supervised By :Mahesh Dadoda 06/15/2022



#56
Ethyl methacrylate
Concen: 18.926 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. 0.000 min
Lab File: VN072840.D
Acq: 14 Jun 2022 18:34

Tgt Ion: 69	Resp: 127121
Ion Ratio	Lower Upper
69 100	
41 72.7	47.8 71.6#
39 39.5	27.3 40.9





#57

1,3-Dichloropropane

Concen: 18.940 ug/l

RT: 11.039 min Scan# 1539

Delta R.T. 0.000 min

Lab File: VN072840.D

Acq: 14 Jun 2022 18:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 76 Resp: 12922

Ion Ratio Lower Upper

76 100

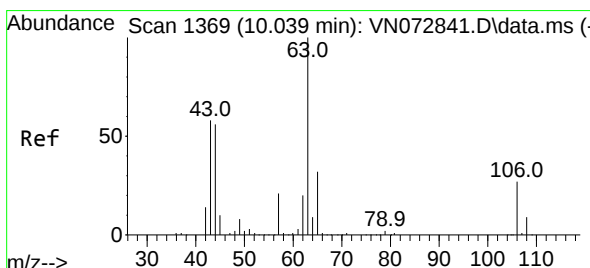
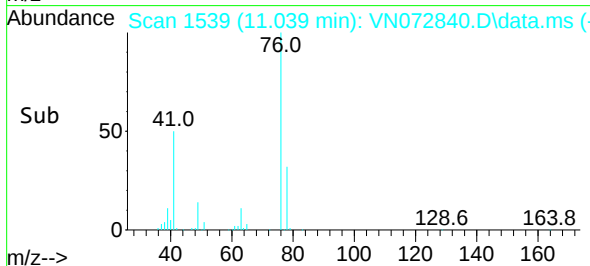
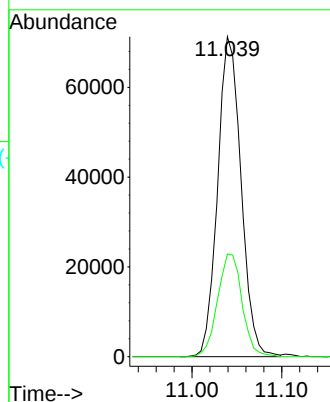
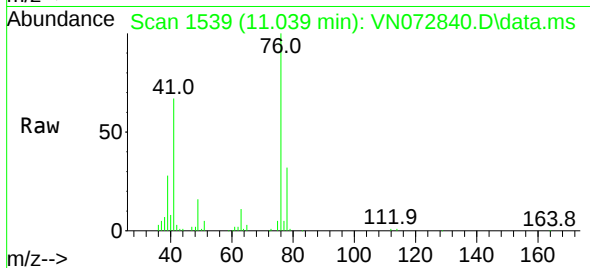
78 33.5 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/15/2022

Supervised By :Mahesh Dadoda 06/15/2022



#58

2-Chloroethyl Vinyl ether

Concen: 95.737 ug/l

RT: 10.039 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VN072840.D

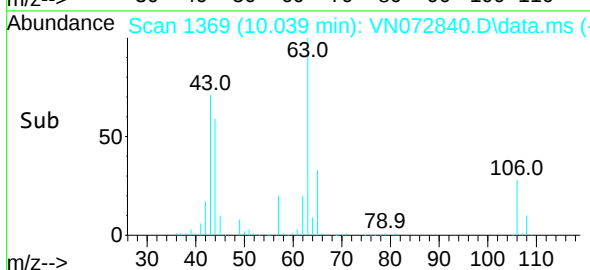
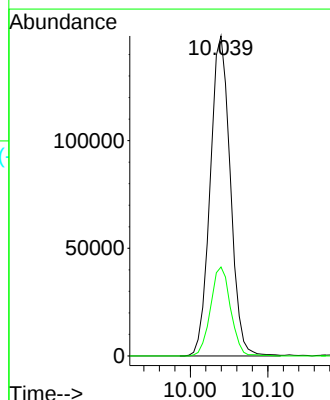
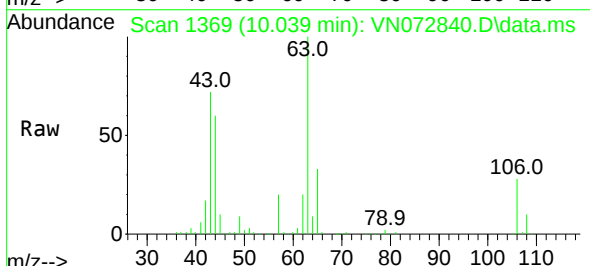
Acq: 14 Jun 2022 18:34

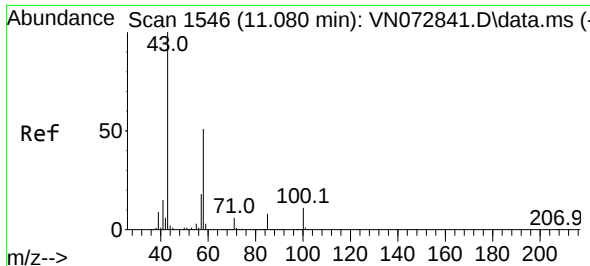
Tgt Ion: 63 Resp: 267952

Ion Ratio Lower Upper

63 100

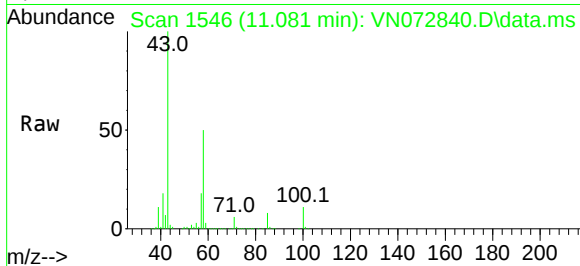
106 27.7 24.6 36.8





#59
2-Hexanone
Concen: 99.545 ug/l
RT: 11.081 min Scan# 1546
Delta R.T. 0.000 min
Lab File: VN072840.D
Acq: 14 Jun 2022 18:34

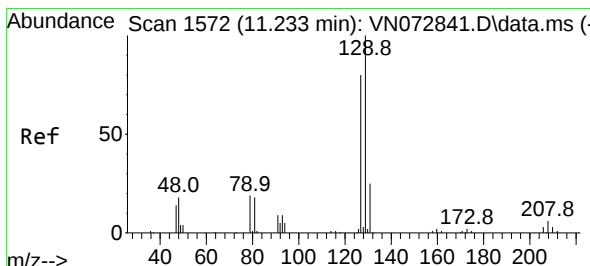
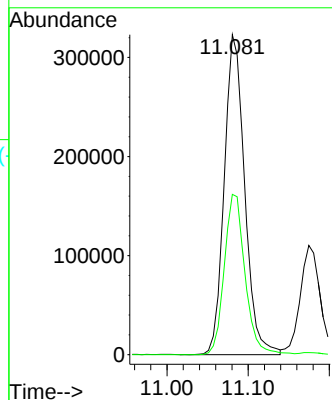
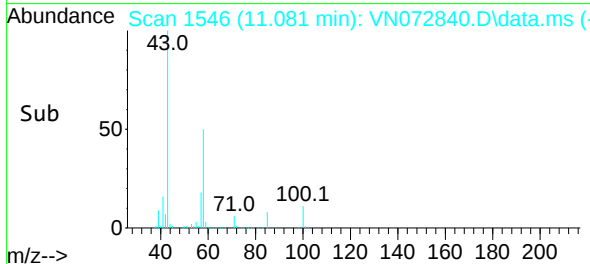
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion: 43 Resp: 56599
Ion Ratio Lower Upper
43 100
58 50.9 29.7 89.1

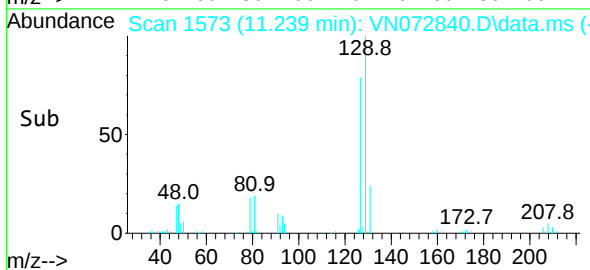
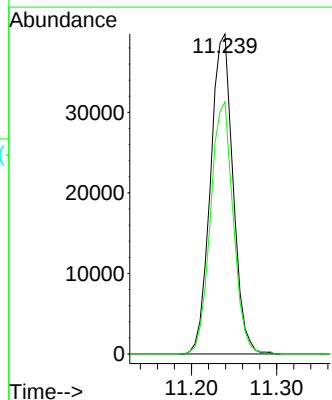
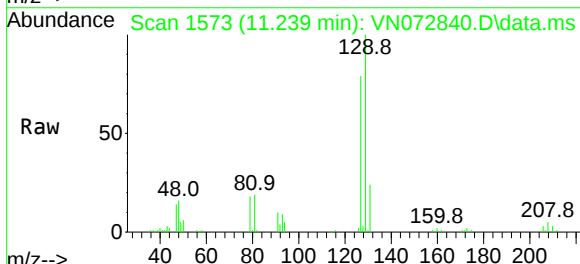
Manual Integrations
APPROVED

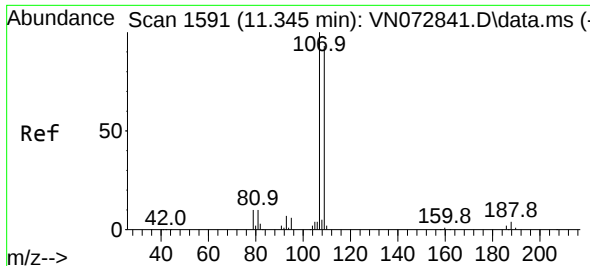
Reviewed By :John Carlone 06/15/2022
Supervised By :Mahesh Dadoda 06/15/2022



#60
Dibromochloromethane
Concen: 18.751 ug/l
RT: 11.239 min Scan# 1573
Delta R.T. 0.006 min
Lab File: VN072840.D
Acq: 14 Jun 2022 18:34

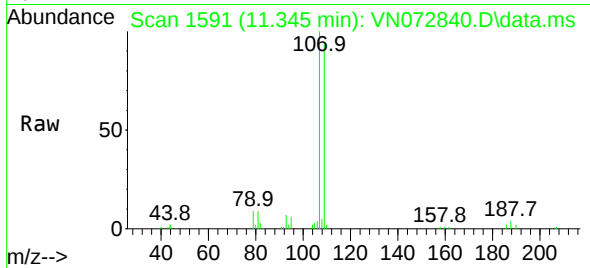
Tgt Ion:129 Resp: 72870
Ion Ratio Lower Upper
129 100
127 79.5 38.8 116.4





#61
1,2-Dibromoethane
Concen: 18.675 ug/l
RT: 11.345 min Scan# 1591
Delta R.T. 0.000 min
Lab File: VN072840.D
Acq: 14 Jun 2022 18:34

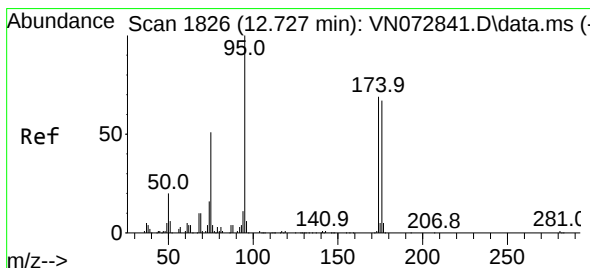
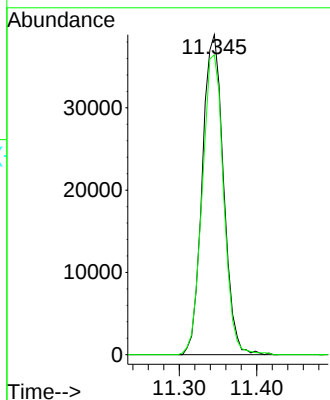
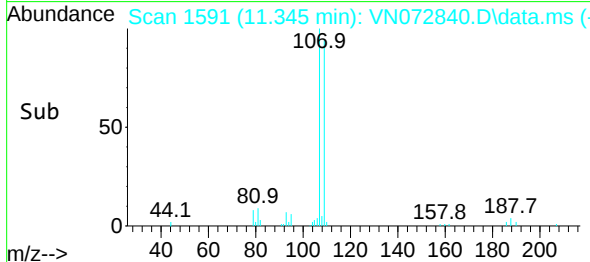
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



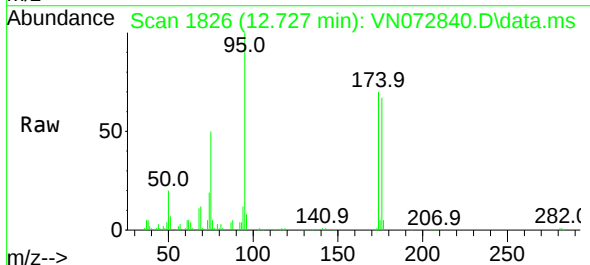
Tgt Ion:107 Resp: 73874
Ion Ratio Lower Upper
107 100
109 94.4 75.0 112.6

Manual Integrations
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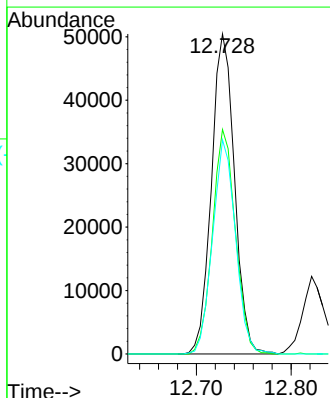
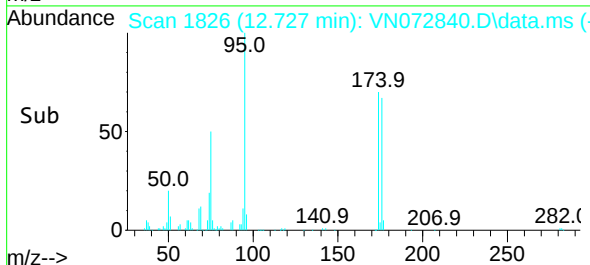
Reviewed By :John Carlone 06/15/2022
Supervised By :Mahesh Dadoda 06/15/2022

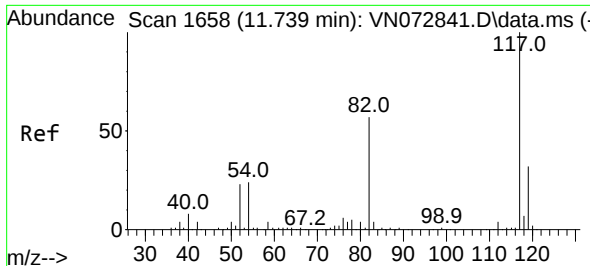


#62
4-Bromofluorobenzene
Concen: 17.826 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072840.D
Acq: 14 Jun 2022 18:34



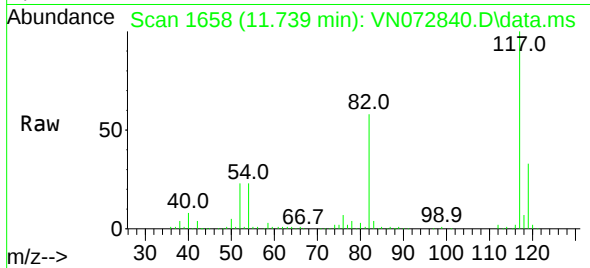
Tgt Ion: 95 Resp: 85272
Ion Ratio Lower Upper
95 100
174 70.0 0.0 167.6
176 66.5 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN072840.D
Acq: 14 Jun 2022 18:34

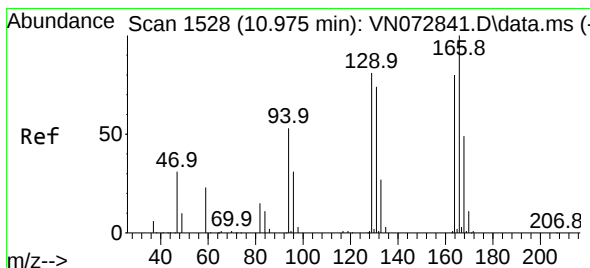
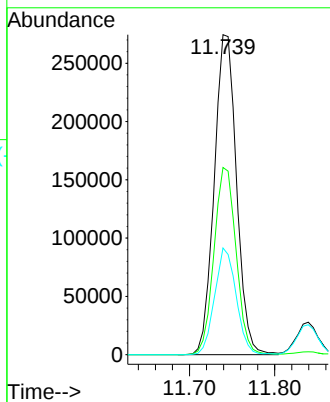
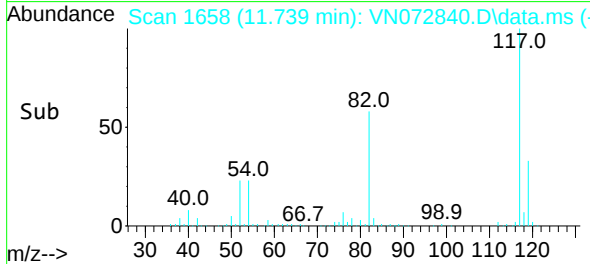
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



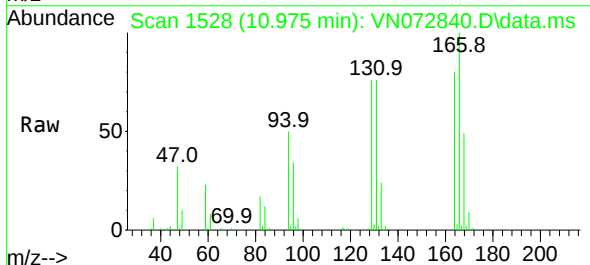
Tgt Ion:117 Resp: 49929
Ion Ratio Lower Upper
117 100
82 58.5 44.2 66.2
119 33.3 25.4 38.0

Manual Integrations
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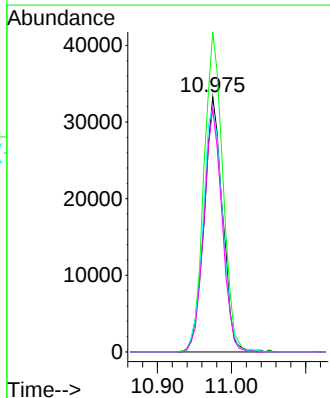
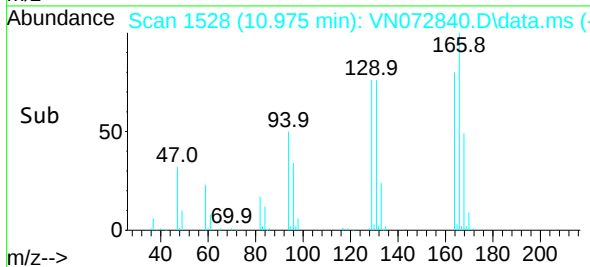
Reviewed By :John Carlone 06/15/2022
Supervised By :Mahesh Dadoda 06/15/2022

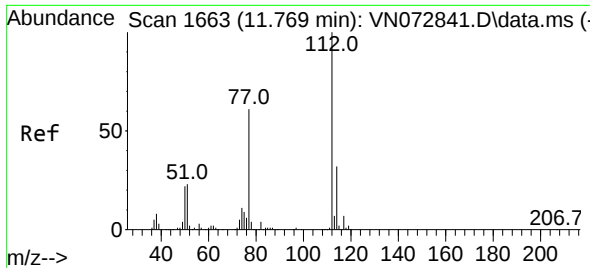


#64
Tetrachloroethene
Concen: 18.873 ug/l
RT: 10.975 min Scan# 1528
Delta R.T. 0.000 min
Lab File: VN072840.D
Acq: 14 Jun 2022 18:34



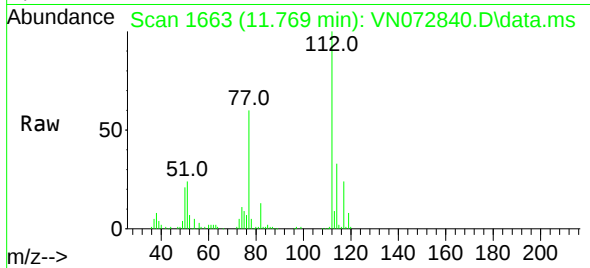
Tgt Ion:164 Resp: 57518
Ion Ratio Lower Upper
164 100
166 125.5 104.2 156.2
129 95.9 73.9 110.9
131 95.3 69.4 104.2





#65
Chlorobenzene
Concen: 18.837 ug/l
RT: 11.769 min Scan# 1663
Delta R.T. 0.000 min
Lab File: VN072840.D
Acq: 14 Jun 2022 18:34

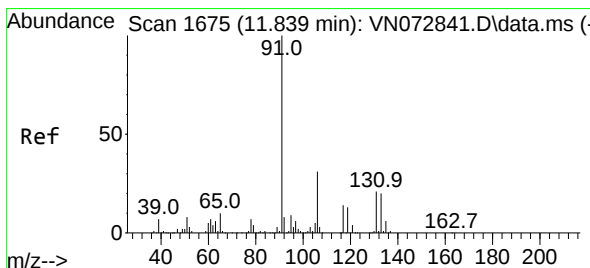
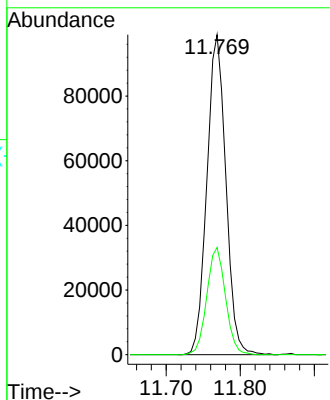
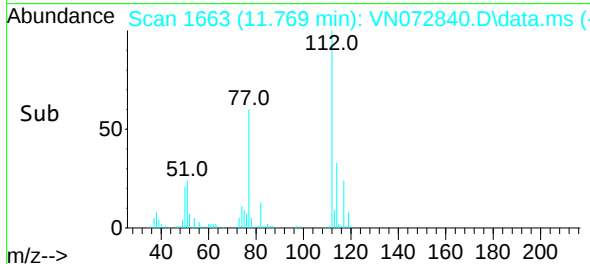
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



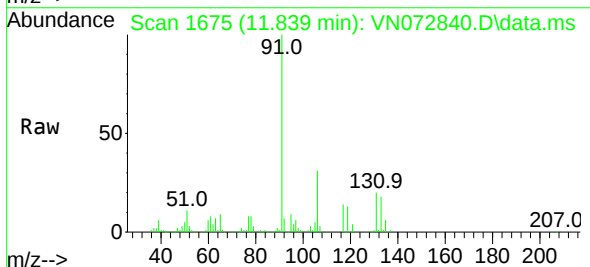
Tgt Ion:112 Resp: 175739
Ion Ratio Lower Upper
112 100
114 33.5 25.4 38.2

Manual Integrations
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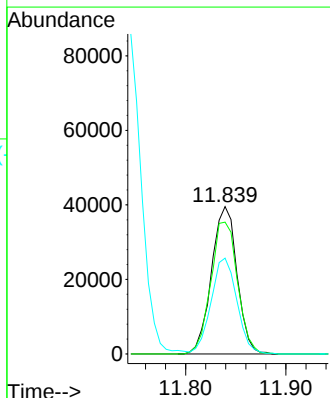
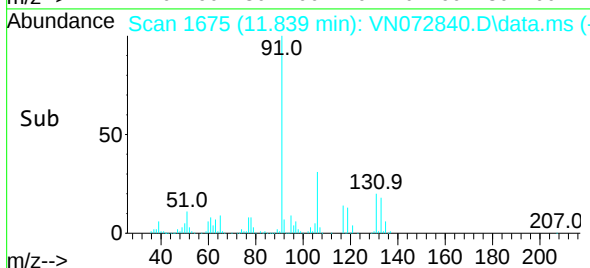
Reviewed By :John Carlone 06/15/2022
Supervised By :Mahesh Dadoda 06/15/2022

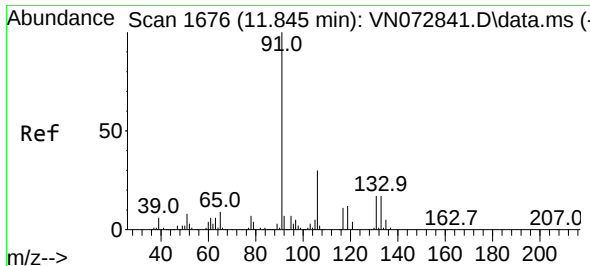


#66
1,1,1,2-Tetrachloroethane
Concen: 20.150 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN072840.D
Acq: 14 Jun 2022 18:34



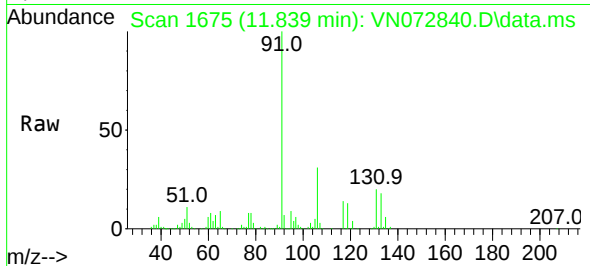
Tgt Ion:131 Resp: 69897
Ion Ratio Lower Upper
131 100
133 93.9 47.8 143.4
119 65.8 33.4 100.2





#67
Ethyl Benzene
Concen: 18.928 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. -0.006 min
Lab File: VN072840.D
Acq: 14 Jun 2022 18:34

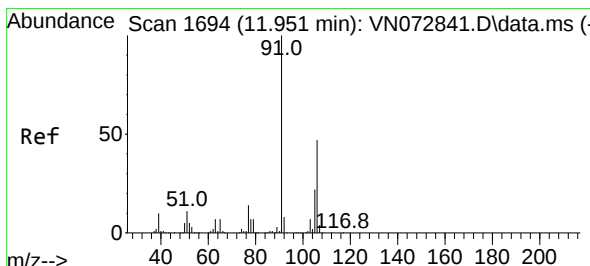
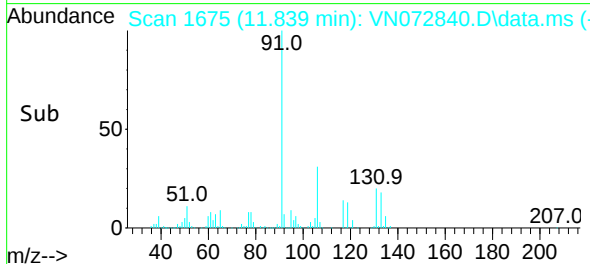
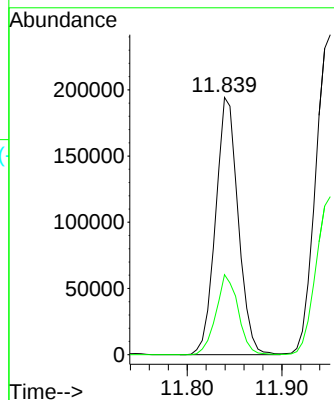
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion: 91 Resp: 322698
Ion Ratio Lower Upper
91 100
106 31.1 24.9 37.3

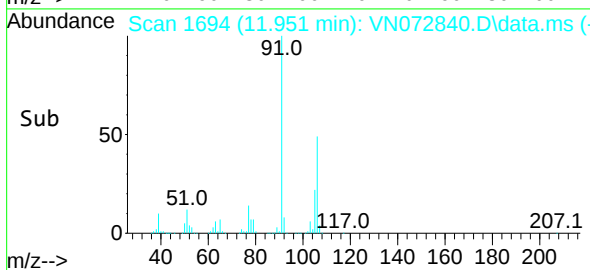
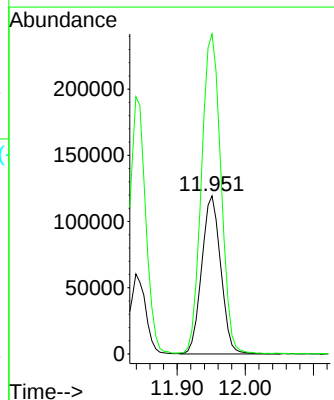
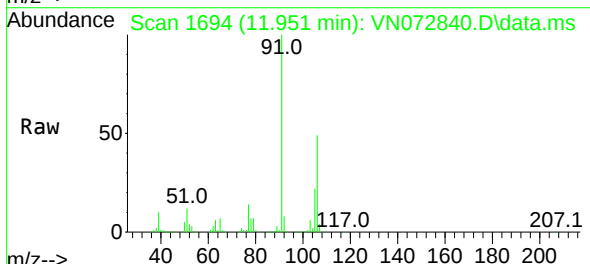
Manual Integrations
APPROVED

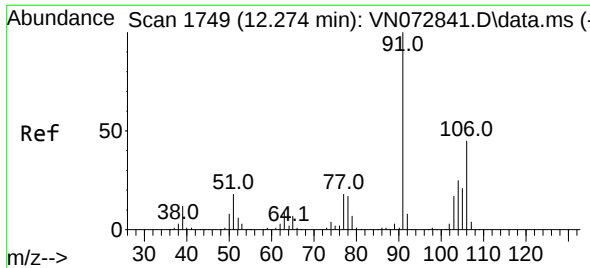
Reviewed By :John Carlone 06/15/2022
Supervised By :Mahesh Dadoda 06/15/2022



#68
m/p-Xylenes
Concen: 37.596 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. 0.000 min
Lab File: VN072840.D
Acq: 14 Jun 2022 18:34

Tgt Ion:106 Resp: 231932
Ion Ratio Lower Upper
106 100
91 206.5 158.9 238.3





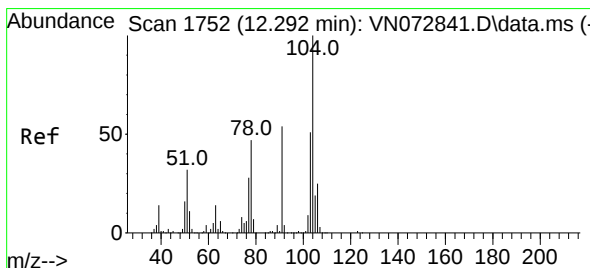
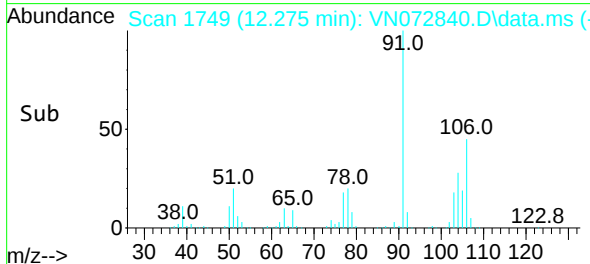
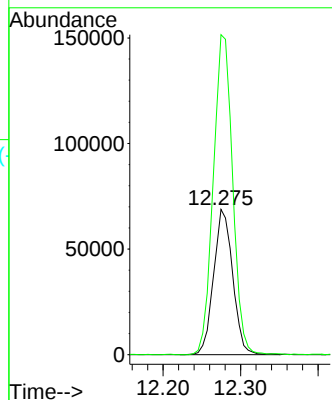
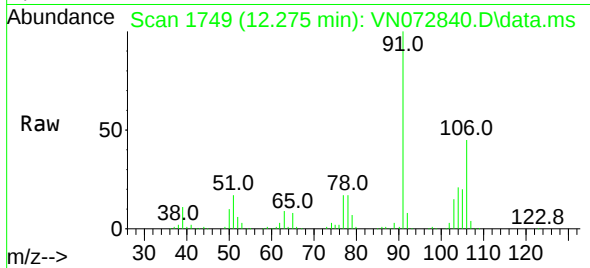
#69
o-Xylene
Concen: 18.448 ug/l
RT: 12.275 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VN072840.D
Acq: 14 Jun 2022 18:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion:106 Resp: 11773
Ion Ratio Lower Upper
106 100
91 223.5 106.0 318.0

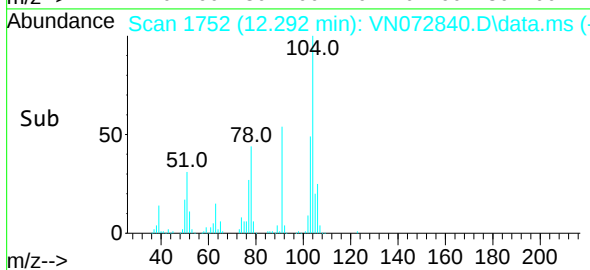
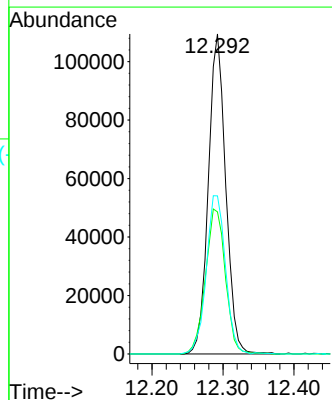
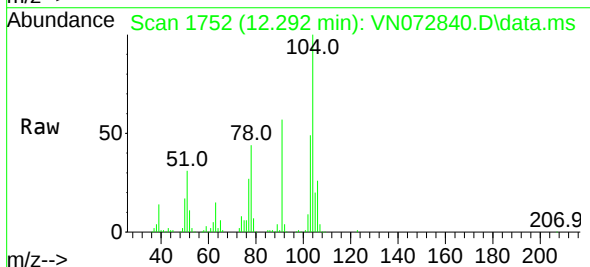
Manual Integrations
APPROVED

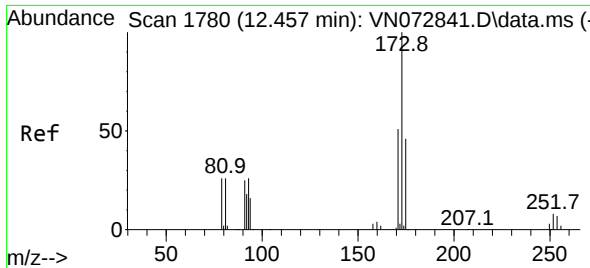
Reviewed By :John Carlone 06/15/2022
Supervised By :Mahesh Dadoda 06/15/2022



#70
Styrene
Concen: 18.805 ug/l
RT: 12.292 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VN072840.D
Acq: 14 Jun 2022 18:34

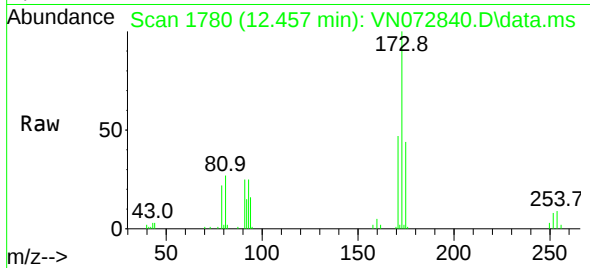
Tgt Ion:104 Resp: 186277
Ion Ratio Lower Upper
104 100
78 52.0 39.5 59.3
103 54.9 44.0 66.0





#71
Bromoform
Concen: 19.701 ug/l
RT: 12.457 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VN072840.D
Acq: 14 Jun 2022 18:34

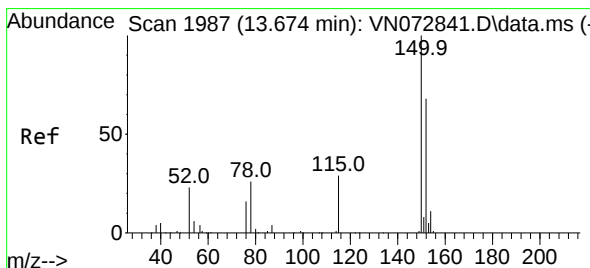
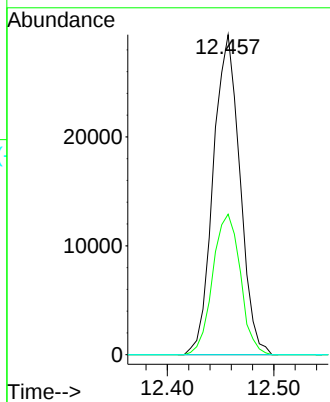
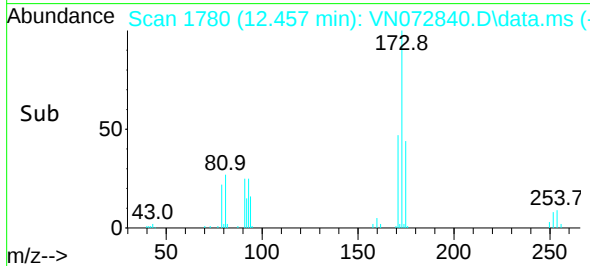
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



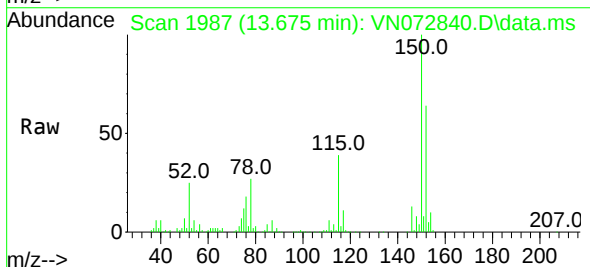
Tgt Ion:173 Resp: 51079
Ion Ratio Lower Upper
173 100
175 45.4 24.6 73.6
254 0.0 0.1 0.1

Manual Integrations
APPROVED

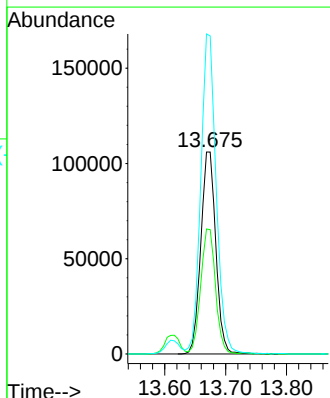
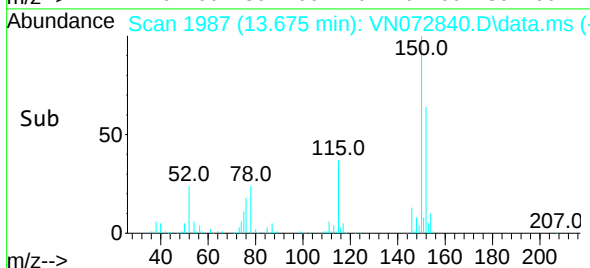
Reviewed By :John Carlone 06/15/2022
Supervised By :Mahesh Dadoda 06/15/2022

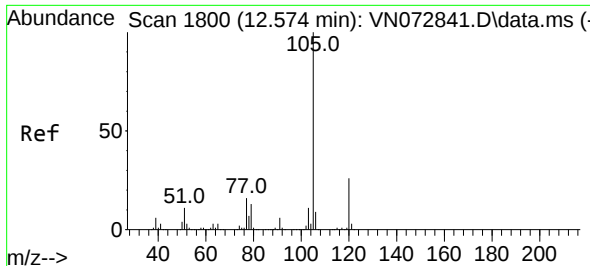


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 1987
Delta R.T. 0.000 min
Lab File: VN072840.D
Acq: 14 Jun 2022 18:34



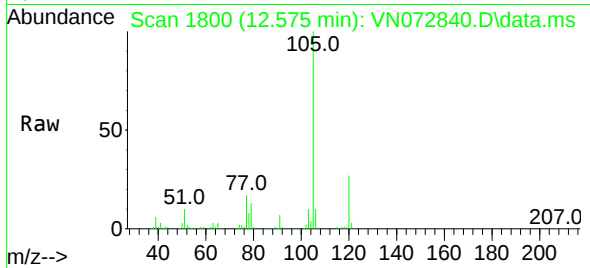
Tgt Ion:152 Resp: 181344
Ion Ratio Lower Upper
152 100
115 60.2 28.9 86.7
150 162.5 0.0 356.2





#73
Isopropylbenzene
Concen: 19.122 ug/l
RT: 12.575 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN072840.D
Acq: 14 Jun 2022 18:34

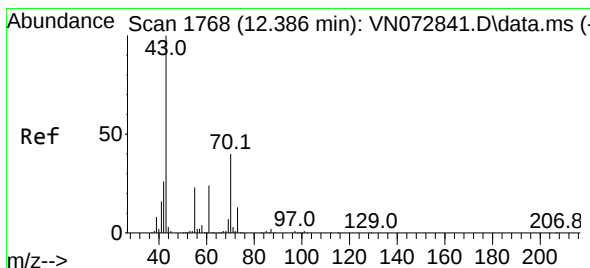
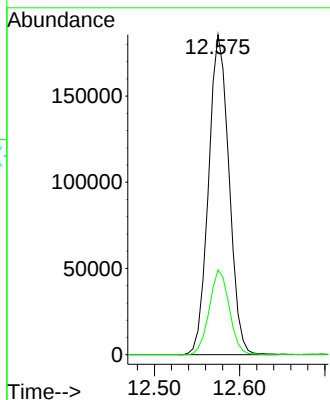
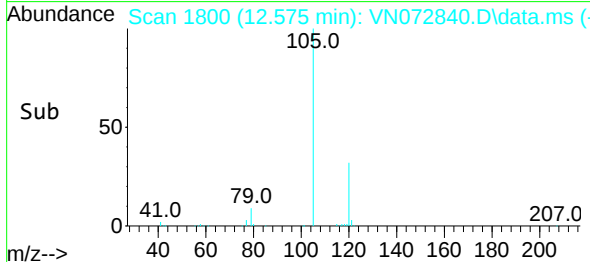
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



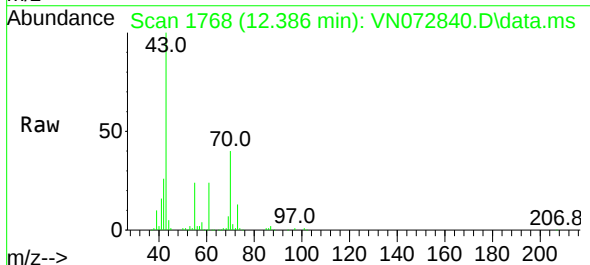
Tgt Ion:105 Resp: 309552
Ion Ratio Lower Upper
105 100
120 25.9 13.5 40.4

Manual Integrations
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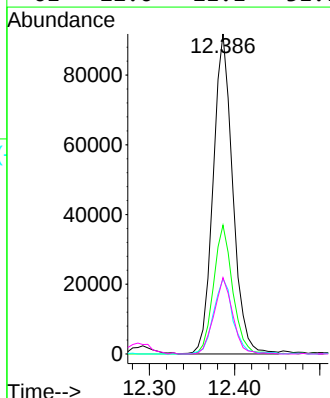
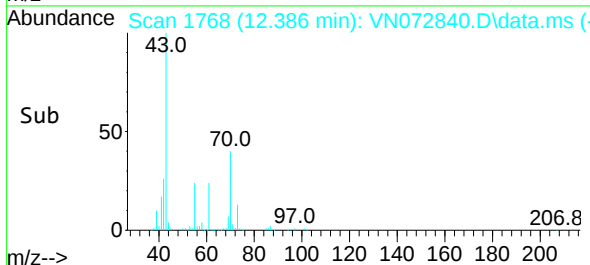
Reviewed By :John Carlone 06/15/2022
Supervised By :Mahesh Dadoda 06/15/2022

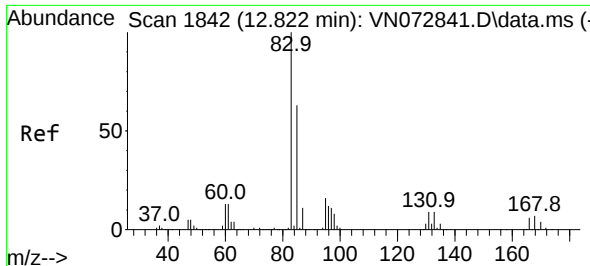


#74
N-ethyl acetate
Concen: 18.413 ug/l
RT: 12.386 min Scan# 1768
Delta R.T. 0.000 min
Lab File: VN072840.D
Acq: 14 Jun 2022 18:34



Tgt Ion: 43 Resp: 146591
Ion Ratio Lower Upper
43 100
70 39.3 39.0 58.4
55 23.4 21.1 31.7
61 22.6 21.1 31.7





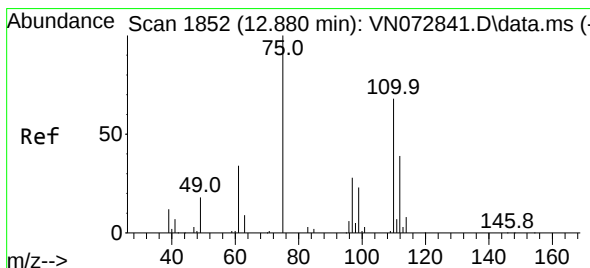
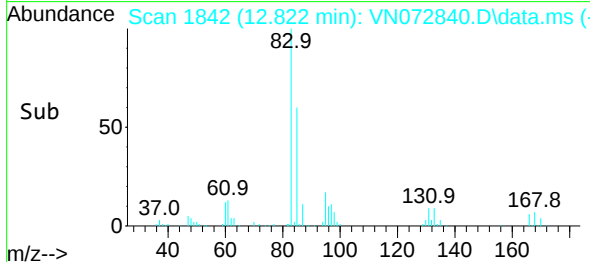
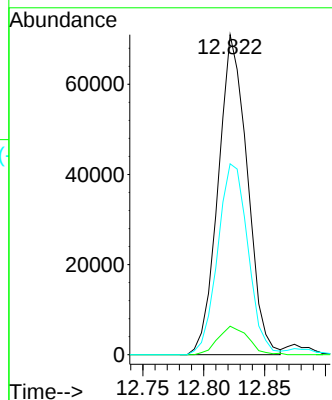
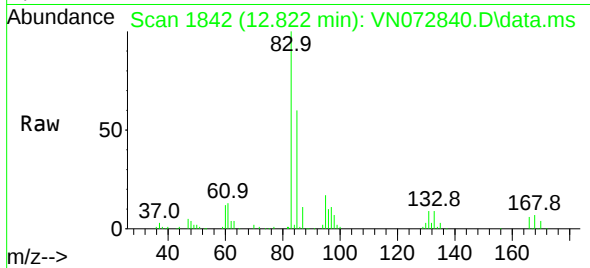
#75
1,1,2,2-Tetrachloroethane
Concen: 20.048 ug/l
RT: 12.822 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VN072840.D
Acq: 14 Jun 2022 18:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 83 Resp: 11811
Ion Ratio Lower Upper
83 100
131 9.2 5.3 15.9
85 62.2 32.3 96.9

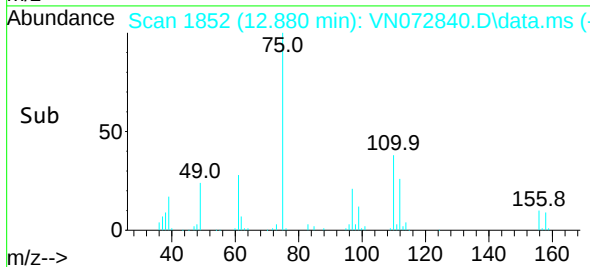
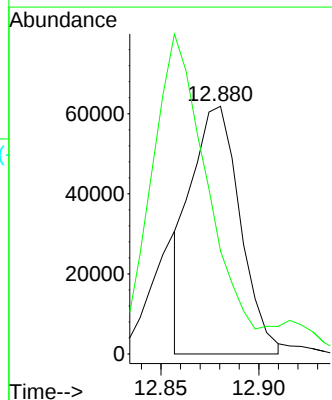
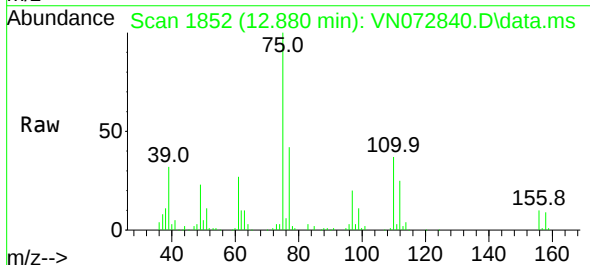
Manual Integrations
APPROVED

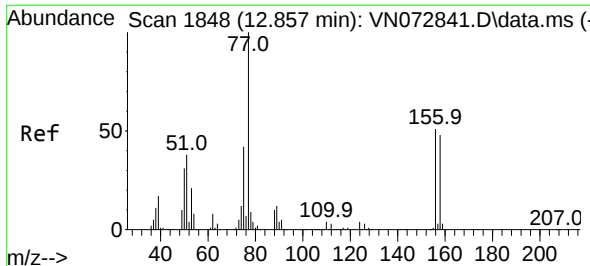
Reviewed By :John Carlone 06/15/2022
Supervised By :Mahesh Dadoda 06/15/2022



#76
1,2,3-Trichloropropane
Concen: 20.913 ug/l m
RT: 12.880 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN072840.D
Acq: 14 Jun 2022 18:34

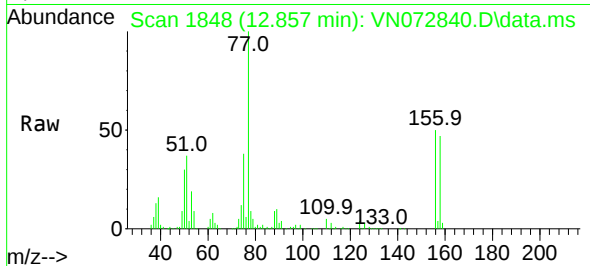
Tgt Ion: 75 Resp: 108210
Ion Ratio Lower Upper
75 100
77 0.0 98.5 295.5#





#77
Bromobenzene
Concen: 18.765 ug/l
RT: 12.857 min Scan# 1848
Delta R.T. 0.000 min
Lab File: VN072840.D
Acq: 14 Jun 2022 18:34

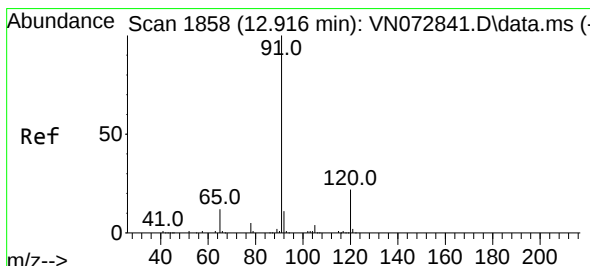
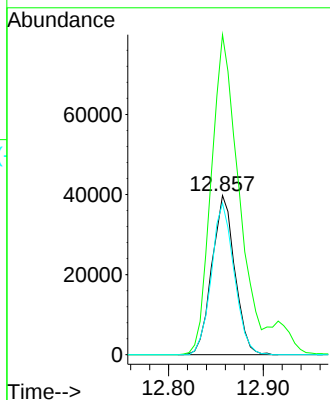
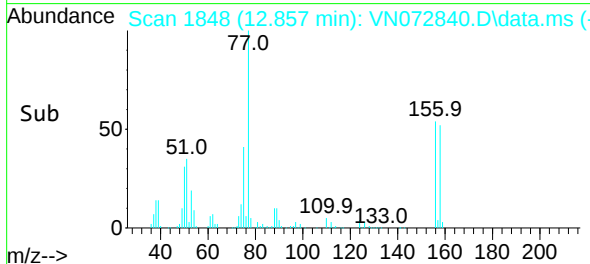
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion:156 Resp: 66724
Ion Ratio Lower Upper
156 100
77 247.0 100.5 301.5
158 95.0 48.9 146.6

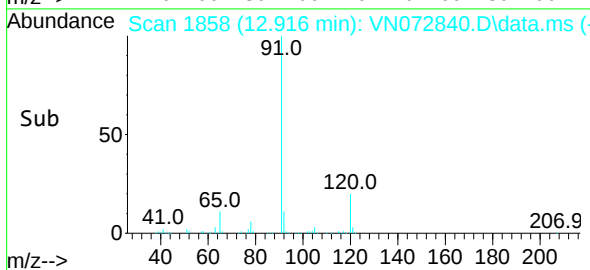
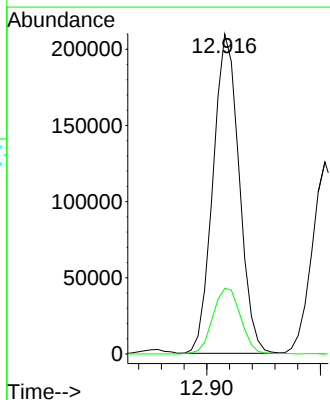
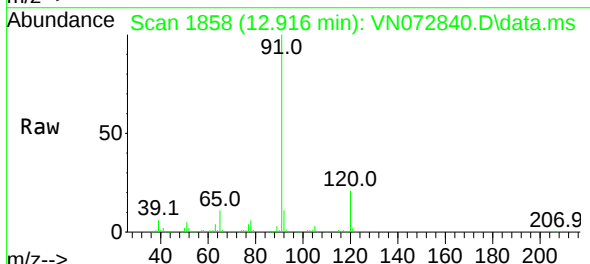
Manual Integrations
APPROVED

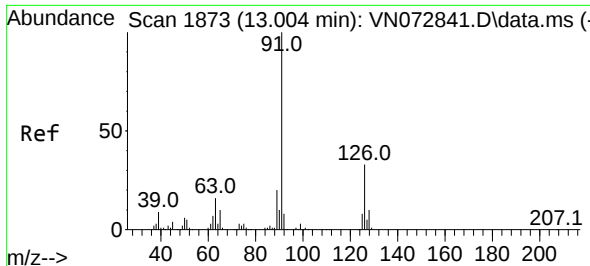
Reviewed By :John Carlone 06/15/2022
Supervised By :Mahesh Dadoda 06/15/2022



#78
n-propylbenzene
Concen: 18.973 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN072840.D
Acq: 14 Jun 2022 18:34

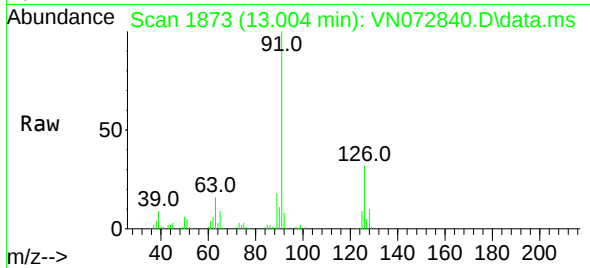
Tgt Ion: 91 Resp: 335533
Ion Ratio Lower Upper
91 100
120 21.9 11.9 35.5





#79
2-Chlorotoluene
Concen: 18.780 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. 0.000 min
Lab File: VN072840.D
Acq: 14 Jun 2022 18:34

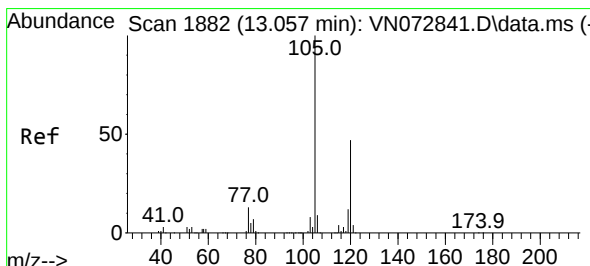
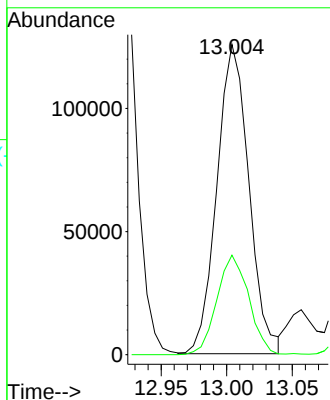
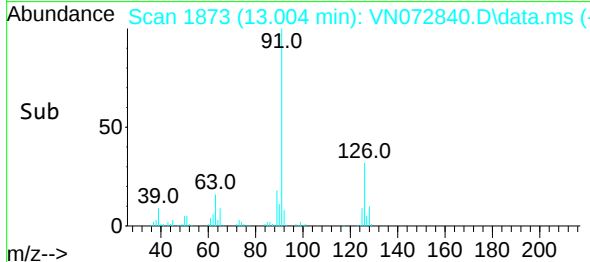
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



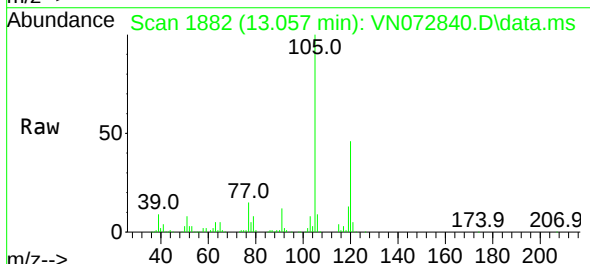
Tgt Ion: 91 Resp: 213464
Ion Ratio Lower Upper
91 100
126 32.0 17.3 51.9

Manual Integrations
APPROVED

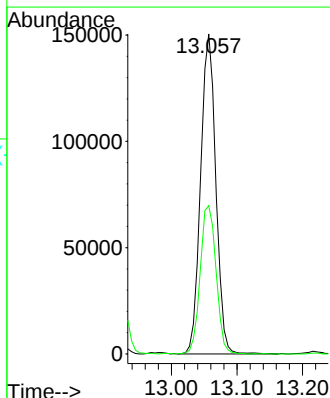
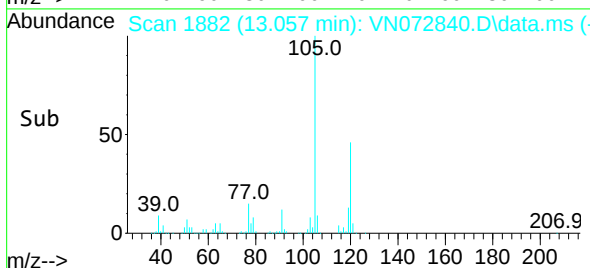
Reviewed By :John Carlone 06/15/2022
Supervised By :Mahesh Dadoda 06/15/2022

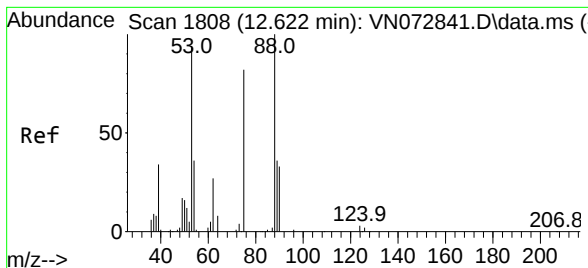


#80
1,3,5-Trimethylbenzene
Concen: 19.071 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. 0.000 min
Lab File: VN072840.D
Acq: 14 Jun 2022 18:34



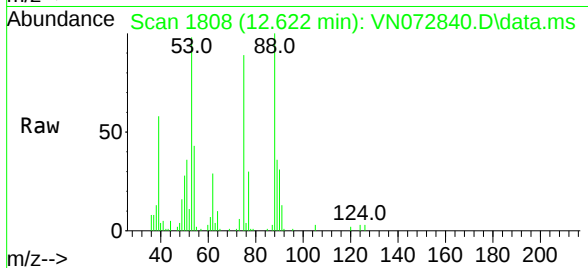
Tgt Ion:105 Resp: 243615
Ion Ratio Lower Upper
105 100
120 48.3 24.9 74.7





#81
trans-1,4-Dichloro-2-butene
Concen: 18.033 ug/l
RT: 12.622 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VN072840.D
Acq: 14 Jun 2022 18:34

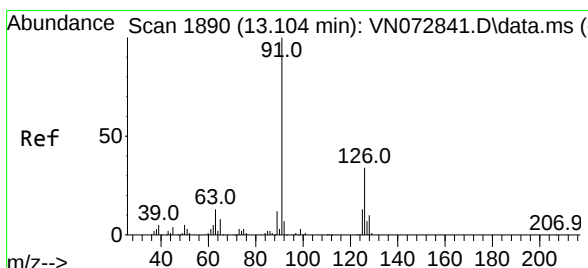
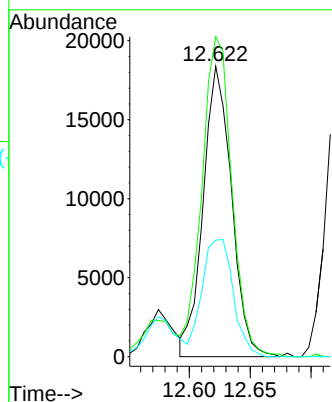
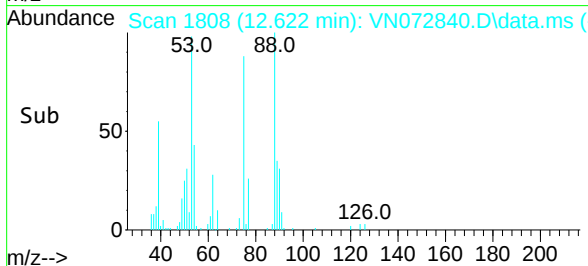
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 75 Resp: 29830
Ion Ratio Lower Upper
75 100
53 116.2 78.0 117.0
89 44.3 37.2 55.8

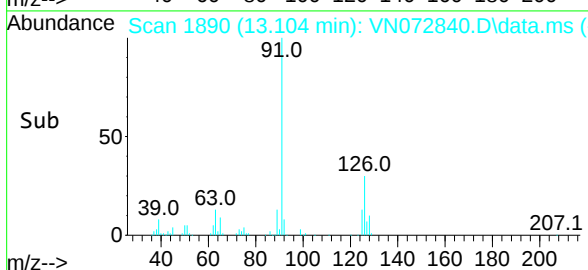
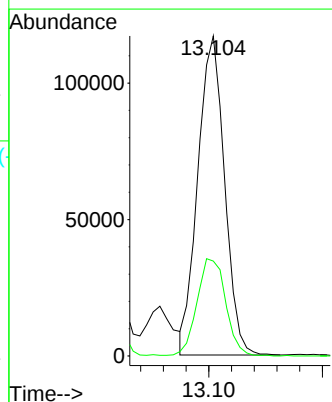
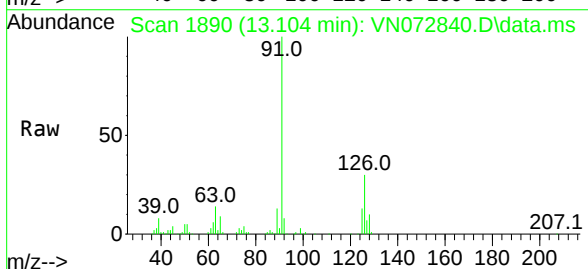
Manual Integrations
APPROVED

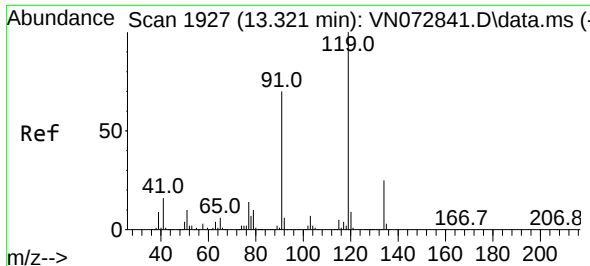
Reviewed By :John Carlone 06/15/2022
Supervised By :Mahesh Dadoda 06/15/2022



#82
4-Chlorotoluene
Concen: 18.197 ug/l
RT: 13.104 min Scan# 1890
Delta R.T. 0.000 min
Lab File: VN072840.D
Acq: 14 Jun 2022 18:34

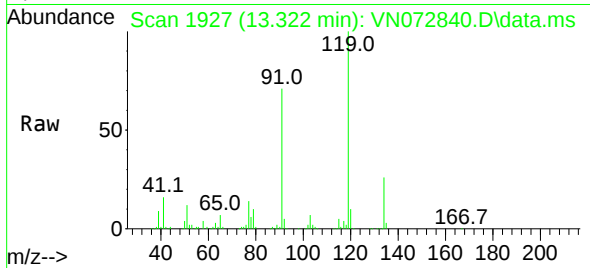
Tgt Ion: 91 Resp: 190695
Ion Ratio Lower Upper
91 100
126 32.8 17.2 51.6





#83
tert-Butylbenzene
Concen: 18.764 ug/l
RT: 13.322 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VN072840.D
Acq: 14 Jun 2022 18:34

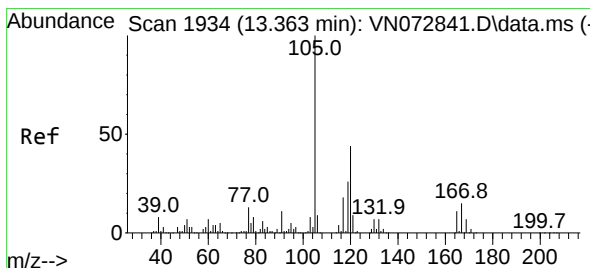
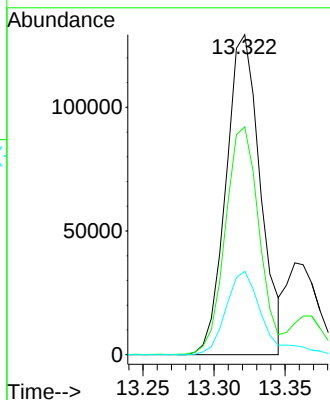
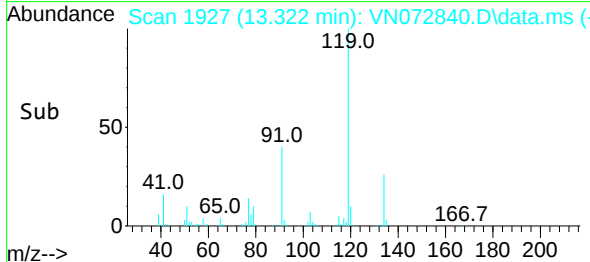
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



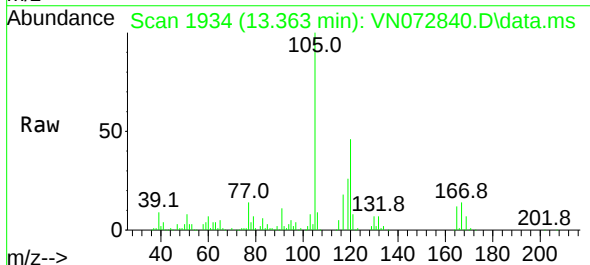
Tgt Ion:119 Resp: 217492
Ion Ratio Lower Upper
119 100
91 71.2 31.6 94.8
134 27.6 13.7 41.1

Manual Integrations
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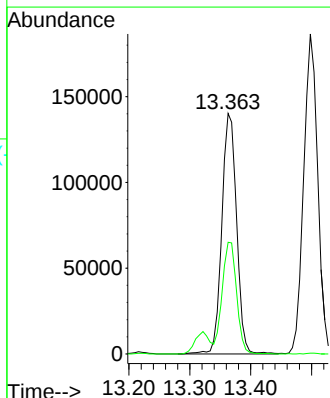
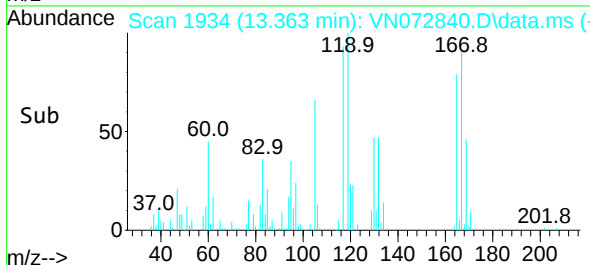
Reviewed By :John Carlone 06/15/2022
Supervised By :Mahesh Dadoda 06/15/2022

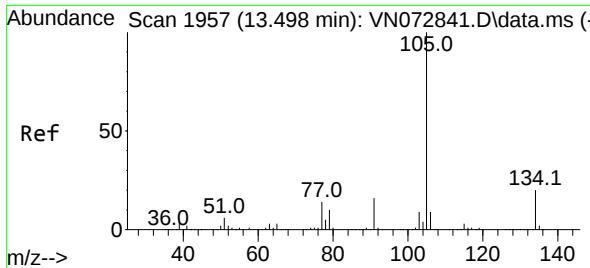


#84
1,2,4-Trimethylbenzene
Concen: 19.411 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. 0.000 min
Lab File: VN072840.D
Acq: 14 Jun 2022 18:34



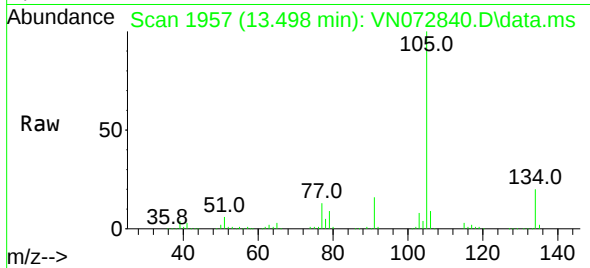
Tgt Ion:105 Resp: 236533
Ion Ratio Lower Upper
105 100
120 45.2 23.3 69.8





#85
 sec-Butylbenzene
 Concen: 19.295 ug/l
 RT: 13.498 min Scan# 1957
 Delta R.T. 0.000 min
 Lab File: VN072840.D
 Acq: 14 Jun 2022 18:34

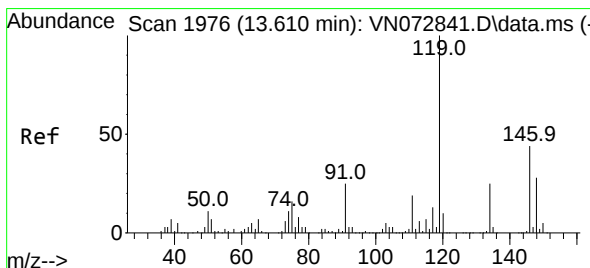
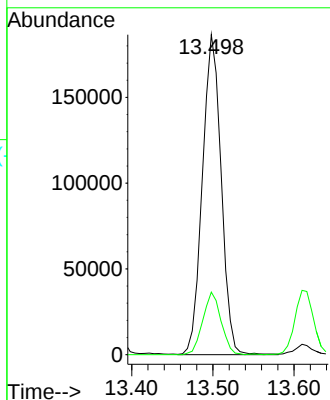
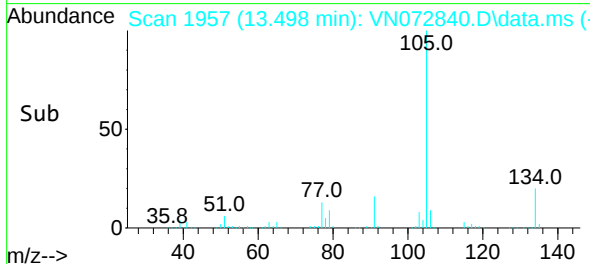
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020



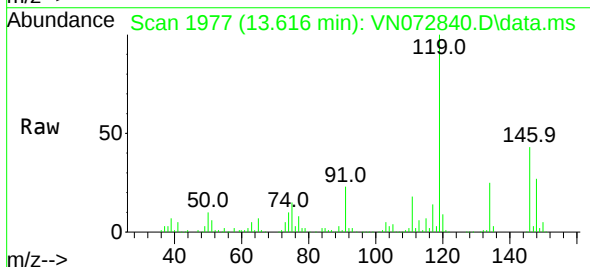
Tgt Ion:105 Resp: 29952
 Ion Ratio Lower Upper
 105 100
 134 19.0 10.4 31.1

Manual Integrations
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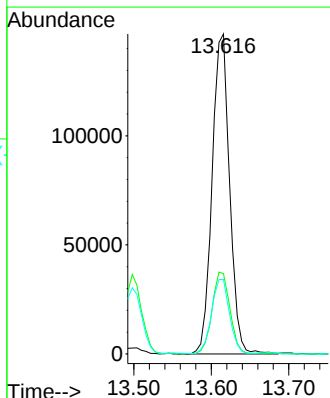
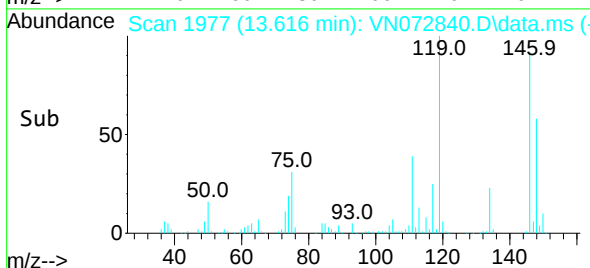
Reviewed By :John Carlone 06/15/2022
 Supervised By :Mahesh Dadoda 06/15/2022

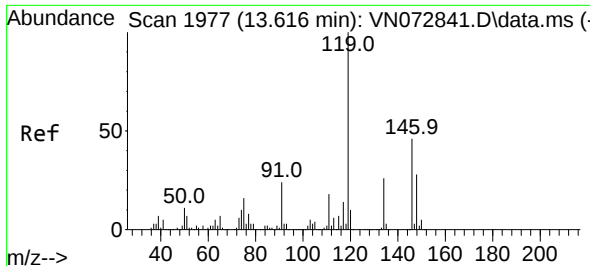


#86
 p-Isopropyltoluene
 Concen: 19.459 ug/l
 RT: 13.616 min Scan# 1977
 Delta R.T. 0.006 min
 Lab File: VN072840.D
 Acq: 14 Jun 2022 18:34



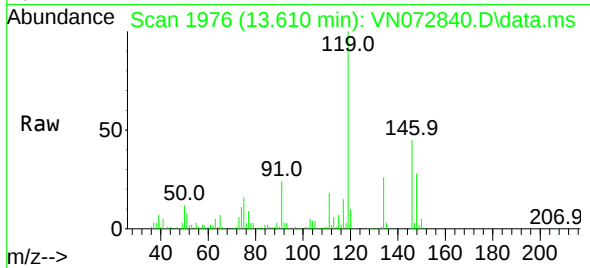
Tgt Ion:119 Resp: 229980
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.3 39.8
 91 23.5 11.3 33.9





#87
1,3-Dichlorobenzene
Concen: 18.402 ug/l
RT: 13.610 min Scan# 1976
Delta R.T. -0.006 min
Lab File: VN072840.D
Acq: 14 Jun 2022 18:34

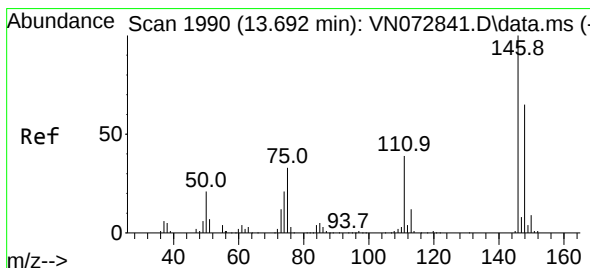
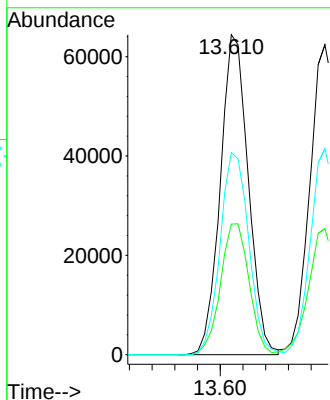
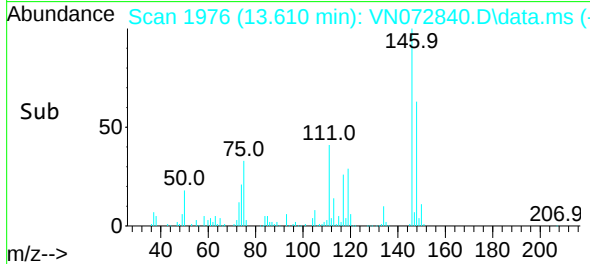
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



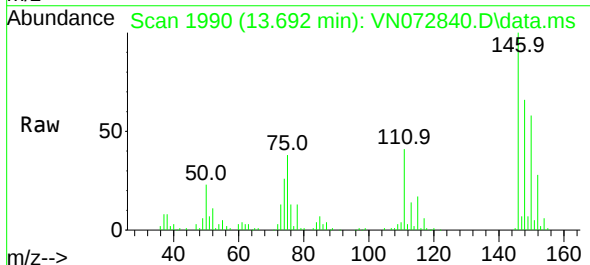
Tgt Ion:146 Resp: 11014
Ion Ratio Lower Upper
146 100
111 41.7 20.0 60.0
148 64.8 32.0 96.0

Manual Integrations
APPROVED

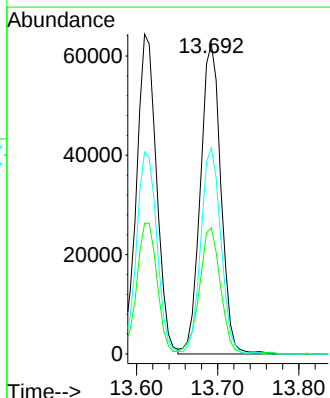
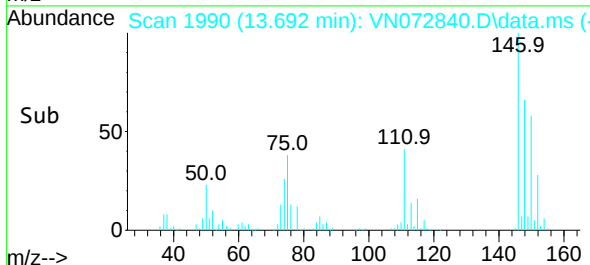
Reviewed By :John Carlone 06/15/2022
Supervised By :Mahesh Dadoda 06/15/2022

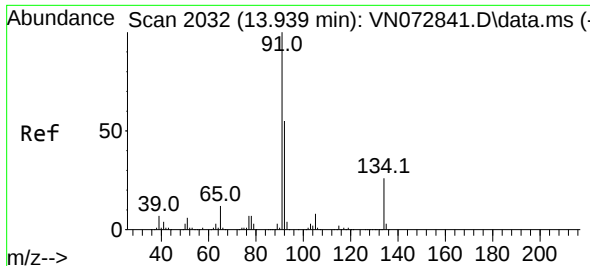


#88
1,4-Dichlorobenzene
Concen: 18.169 ug/l
RT: 13.692 min Scan# 1990
Delta R.T. 0.000 min
Lab File: VN072840.D
Acq: 14 Jun 2022 18:34



Tgt Ion:146 Resp: 109286
Ion Ratio Lower Upper
146 100
111 41.7 19.1 57.1
148 64.4 31.4 94.3





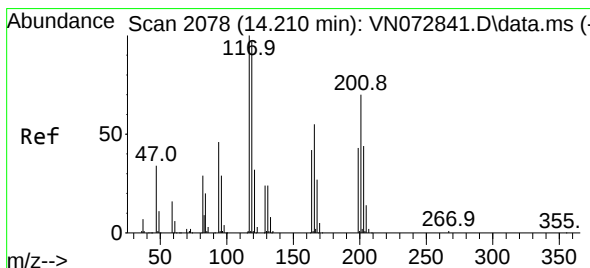
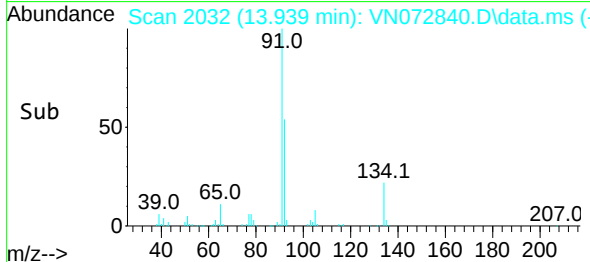
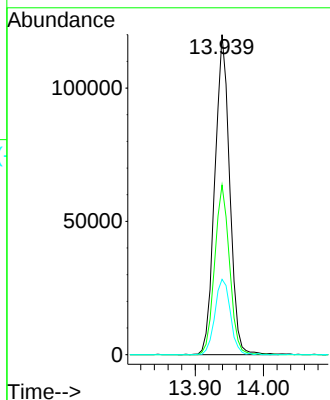
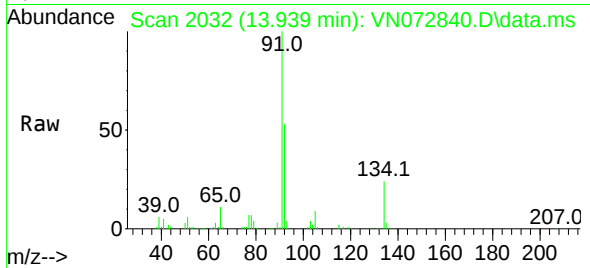
#89
n-Butylbenzene
Concen: 18.252 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VN072840.D
Acq: 14 Jun 2022 18:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 91 Resp: 18214
Ion Ratio Lower Upper
91 100
92 52.9 26.9 80.7
134 24.7 13.6 40.8

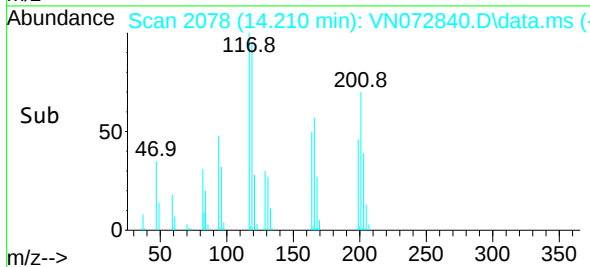
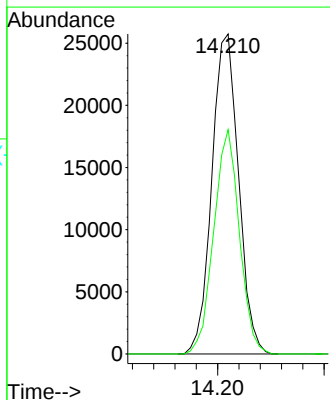
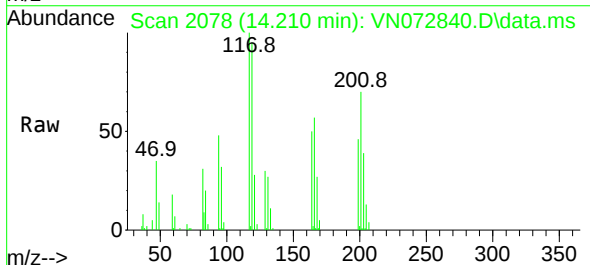
Manual Integrations
APPROVED

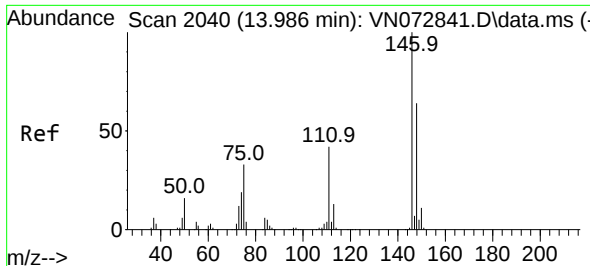
Reviewed By :John Carlone 06/15/2022
Supervised By :Mahesh Dadoda 06/15/2022



#90
Hexachloroethane
Concen: 18.278 ug/l
RT: 14.210 min Scan# 2078
Delta R.T. 0.000 min
Lab File: VN072840.D
Acq: 14 Jun 2022 18:34

Tgt Ion:117 Resp: 44738
Ion Ratio Lower Upper
117 100
201 67.3 40.6 122.0





#91

1,2-Dichlorobenzene

Concen: 19.482 ug/l

RT: 13.986 min Scan# 2040

Delta R.T. 0.000 min

Lab File: VN072840.D

Acq: 14 Jun 2022 18:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

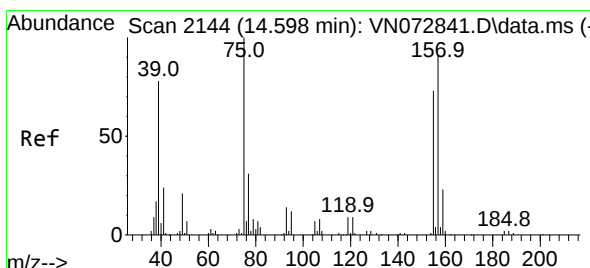
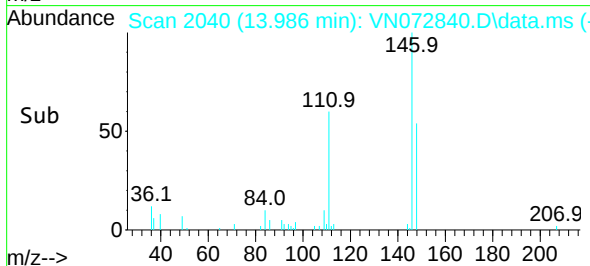
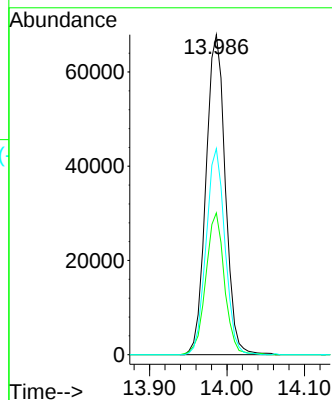
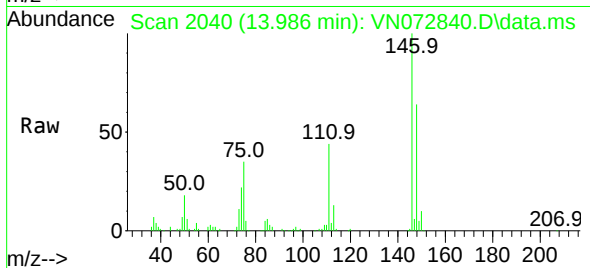
Tgt Ion:	146	Resp:	11779
Ion Ratio	Lower	Upper	
146	100		
111	42.9	20.9	62.8
148	62.7	32.1	96.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/15/2022

Supervised By :Mahesh Dadoda 06/15/2022



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.594 ug/l

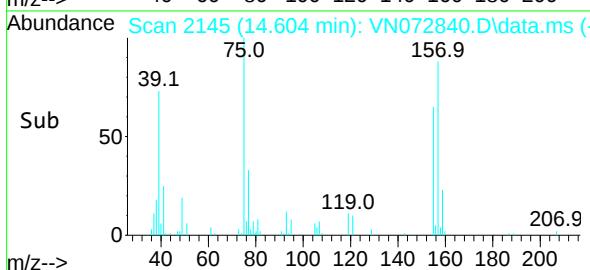
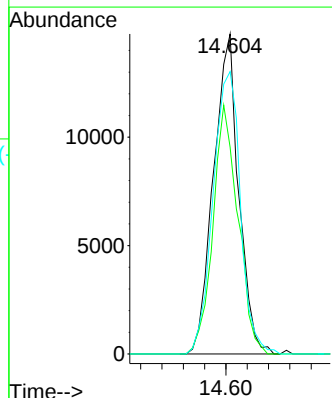
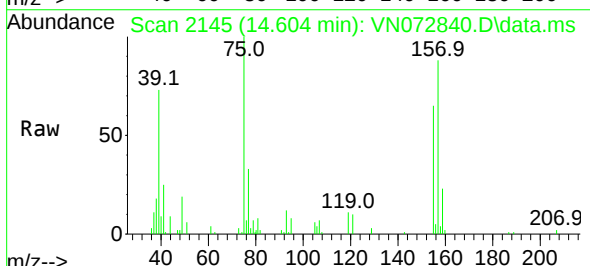
RT: 14.604 min Scan# 2145

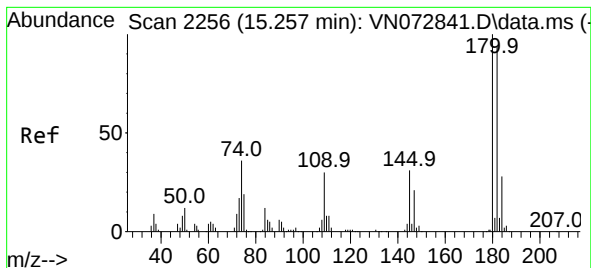
Delta R.T. 0.006 min

Lab File: VN072840.D

Acq: 14 Jun 2022 18:34

Tgt Ion:	75	Resp:	24205
Ion Ratio	Lower	Upper	
75	100		
155	77.4	44.9	134.5
157	95.7	59.0	176.8





#93

1,2,4-Trichlorobenzene

Concen: 17.350 ug/l

RT: 15.263 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN072840.D

Acq: 14 Jun 2022 18:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

Tgt Ion:180 Resp: 53360

Ion Ratio Lower Upper

180 100

182 96.0 47.5 142.5

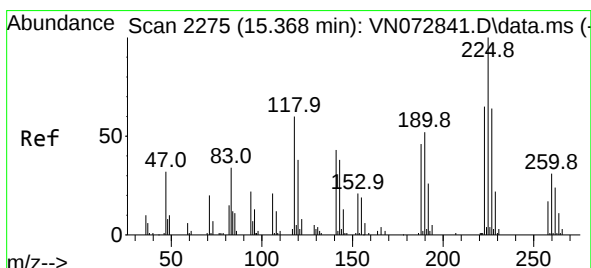
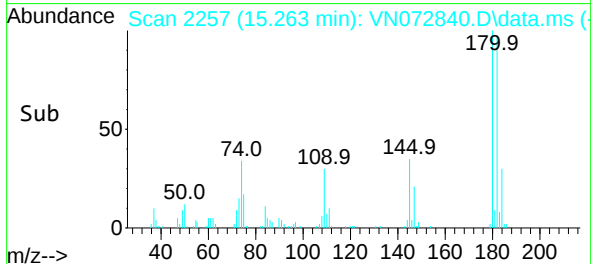
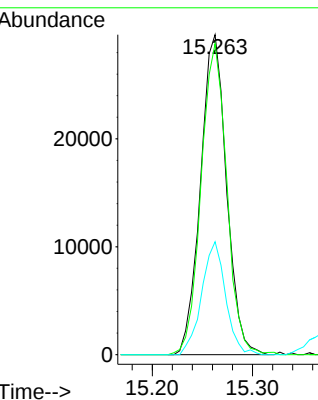
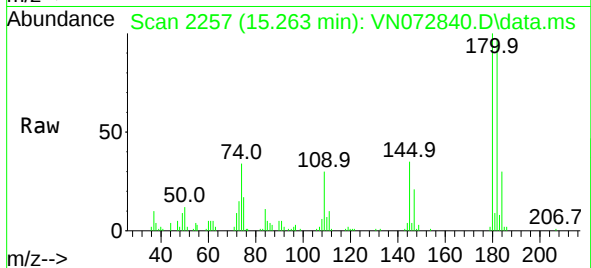
145 32.5 14.5 43.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/15/2022

Supervised By :Mahesh Dadoda 06/15/2022



#94

Hexachlorobutadiene

Concen: 18.663 ug/l

RT: 15.368 min Scan# 2275

Delta R.T. 0.000 min

Lab File: VN072840.D

Acq: 14 Jun 2022 18:34

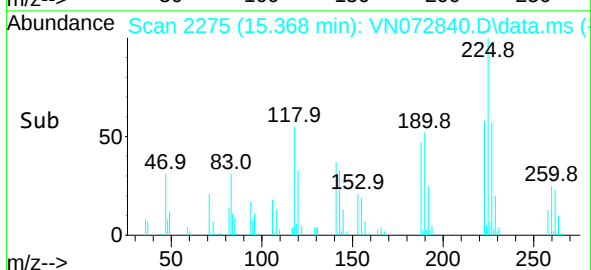
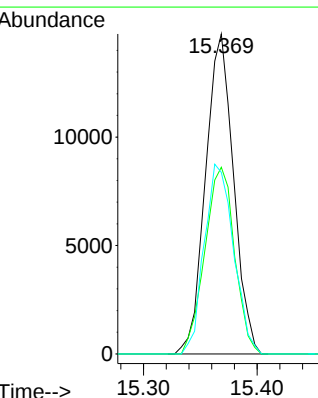
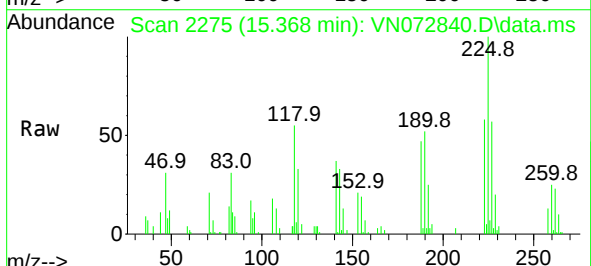
Tgt Ion:225 Resp: 25273

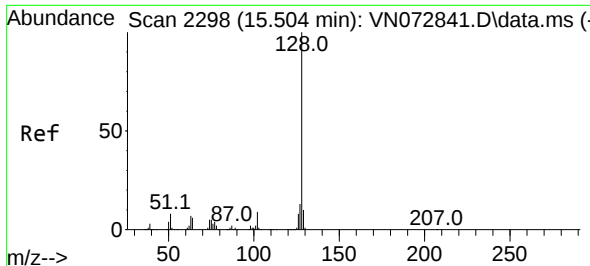
Ion Ratio Lower Upper

225 100

223 61.9 32.4 97.2

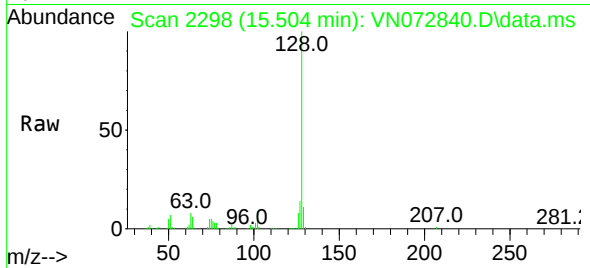
227 62.1 31.8 95.4





#95
Naphthalene
Concen: 17.567 ug/l
RT: 15.504 min Scan# 213679
Delta R.T. 0.000 min
Lab File: VN072840.D
Acq: 14 Jun 2022 18:34

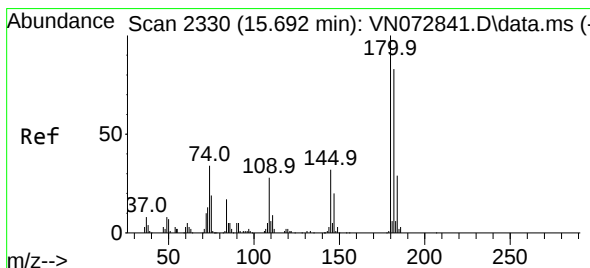
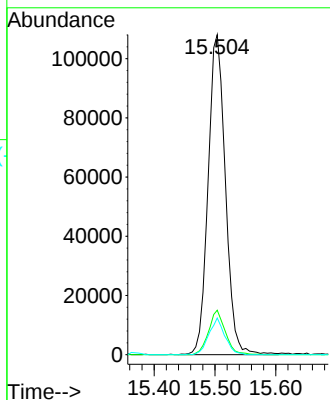
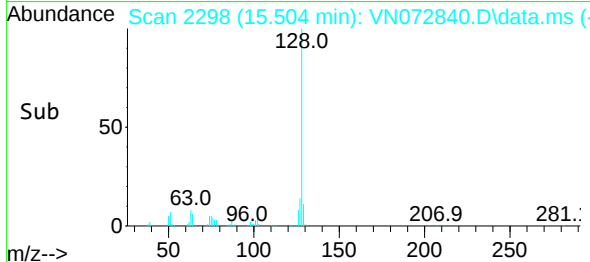
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



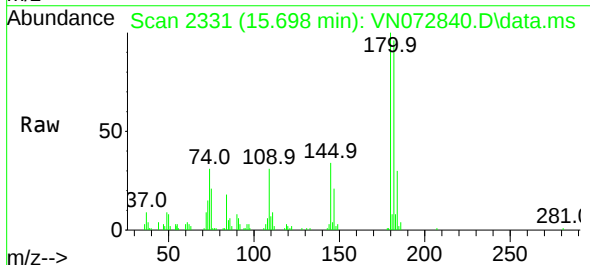
Tgt Ion:128 Resp: 213679
Ion Ratio Lower Upper
128 100
127 13.4 10.3 15.5
129 10.6 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/15/2022
Supervised By :Mahesh Dadoda 06/15/2022



#96
1,2,3-Trichlorobenzene
Concen: 17.879 ug/l
RT: 15.698 min Scan# 2331
Delta R.T. 0.006 min
Lab File: VN072840.D
Acq: 14 Jun 2022 18:34



Tgt Ion:180 Resp: 58163
Ion Ratio Lower Upper
180 100
182 91.9 47.8 143.3
145 34.8 15.5 46.5

