

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051222\
 Data File : VN072442.D
 Acq On : 12 May 2022 10:24
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/13/2022
 Supervised By : Mahesh Dadoda 05/13/2022

Quant Time: May 13 02:39:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051022W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 10 15:43:28 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	194275	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	302837	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	279361	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	127650	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	149663	50.296	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 100.600%			
35) Dibromofluoromethane	8.016	113	107080	53.148	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 106.300%			
50) Toluene-d8	10.433	98	390407	50.879	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 101.760%			
62) 4-Bromofluorobenzene	12.727	95	141640	55.582	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 111.160%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.069	85	116631	48.136	ug/l	99
3) Chloromethane	2.299	50	98771	43.382	ug/l	96
4) Vinyl Chloride	2.446	62	88634	42.962	ug/l	98
5) Bromomethane	2.828	94	54776	44.595	ug/l	96
6) Chloroethane	3.004	64	53876	49.843	ug/l	99
7) Trichlorofluoromethane	3.369	101	193103	50.501	ug/l	98
8) Diethyl Ether	3.828	74	61425	44.529	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.204	101	96728	46.360	ug/l	96
10) Methyl Iodide	4.416	142	129364	46.772	ug/l	# 86
11) Tert butyl alcohol	5.363	59	102681	211.036	ug/l	98
12) 1,1-Dichloroethene	4.181	96	86395	44.192	ug/l	89
13) Acrolein	4.040	56	95511	200.635	ug/l	97
14) Allyl chloride	4.840	41	160233	44.021	ug/l	91
15) Acrylonitrile	5.545	53	281674	213.043	ug/l	99
16) Acetone	4.281	43	267990	227.408	ug/l	94
17) Carbon Disulfide	4.528	76	222607	43.905	ug/l	99
18) Methyl Acetate	4.851	43	144409	41.620	ug/l	95
19) Methyl tert-butyl Ether	5.610	73	348768	49.366	ug/l	97
20) Methylene Chloride	5.092	84	100302	41.511	ug/l	92
21) trans-1,2-Dichloroethene	5.592	96	92917	45.428	ug/l	91
22) Diisopropyl ether	6.492	45	326963	44.206	ug/l	97
23) Vinyl Acetate	6.428	43	1420882	229.588	ug/l	97
24) 1,1-Dichloroethane	6.381	63	191100	45.785	ug/l	98
25) 2-Butanone	7.328	43	388659	208.968	ug/l	93
26) 2,2-Dichloropropane	7.322	77	180858	51.564	ug/l	95
27) cis-1,2-Dichloroethene	7.322	96	113886	46.315	ug/l	93
28) Bromochloromethane	7.651	49	83030	46.851	ug/l	93
29) Tetrahydrofuran	7.681	42	253838	209.998	ug/l	92
30) Chloroform	7.816	83	209379	49.309	ug/l	99
31) Cyclohexane	8.092	56	162772	41.282	ug/l	93
32) 1,1,1-Trichloroethane	8.010	97	198420	50.946	ug/l	98
36) 1,1-Dichloropropene	8.216	75	144140	49.811	ug/l	98
37) Ethyl Acetate	7.404	43	155264	44.720	ug/l	98
38) Carbon Tetrachloride	8.198	117	176215	54.409	ug/l	99
39) Methylcyclohexane	9.457	83	172366	52.999	ug/l	94
40) Benzene	8.457	78	412949	47.769	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.633	41	76572	44.541	ug/l	92
42) 1,2-Dichloroethane	8.528	62	181384	52.204	ug/l	95
43) Isopropyl Acetate	8.551	43	249201	46.729	ug/l	96
44) Trichloroethene	9.210	130	108572	49.475	ug/l	97
45) 1,2-Dichloropropane	9.486	63	105750	47.901	ug/l	96
46) Dibromomethane	9.575	93	76924	50.042	ug/l	95
47) Bromodichloromethane	9.757	83	164781	52.582	ug/l	100
48) Methyl methacrylate	9.557	41	128195	51.523	ug/l	88
49) 1,4-Dioxane	9.569	88	43496	1024.808	ug/l #	93
51) 4-Methyl-2-Pentanone	10.327	43	796561	240.548	ug/l	93
52) Toluene	10.504	92	271972	51.023	ug/l	99
53) t-1,3-Dichloropropene	10.716	75	172534	54.088	ug/l	99
54) cis-1,3-Dichloropropene	10.186	75	181588	53.356	ug/l	92
55) 1,1,2-Trichloroethane	10.892	97	106987	48.179	ug/l	99
56) Ethyl methacrylate	10.757	69	172488	54.198	ug/l #	88
57) 1,3-Dichloropropane	11.039	76	188896	49.955	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.033	63	251009	288.862	ug/l	97
59) 2-Hexanone	11.080	43	566959	244.176	ug/l	91
60) Dibromochloromethane	11.233	129	128871	54.632	ug/l	99
61) 1,2-Dibromoethane	11.339	107	111924	50.575	ug/l	99
64) Tetrachloroethene	10.974	164	103465	51.454	ug/l	97
65) Chlorobenzene	11.763	112	291332	51.043	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.833	131	118972	52.078	ug/l	97
67) Ethyl Benzene	11.839	91	538913	54.725	ug/l	100
68) m/p-Xylenes	11.951	106	407997	109.238	ug/l	91
69) o-Xylene	12.274	106	200611	54.667	ug/l	95
70) Styrene	12.292	104	324909	57.875	ug/l	96
71) Bromoform	12.457	173	92786	55.060	ug/l #	99
73) Isopropylbenzene	12.574	105	539251	50.994	ug/l	98
74) N-amyl acetate	12.380	43	174705	46.739	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.821	83	158584	41.307	ug/l	98
76) 1,2,3-Trichloropropane	12.874	75	142768m	42.881	ug/l	
77) Bromobenzene	12.857	156	122487	48.414	ug/l	96
78) n-propylbenzene	12.915	91	604823	53.449	ug/l	98
79) 2-Chlorotoluene	13.004	91	370839	49.885	ug/l	97
80) 1,3,5-Trimethylbenzene	13.057	105	460010	53.114	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.621	75	48918	49.016	ug/l	90
82) 4-Chlorotoluene	13.098	91	358537	50.892	ug/l	97
83) tert-Butylbenzene	13.315	119	405826	53.525	ug/l	95
84) 1,2,4-Trimethylbenzene	13.363	105	450642	53.488	ug/l	96
85) sec-Butylbenzene	13.498	105	546131	54.010	ug/l	99
86) p-Isopropyltoluene	13.610	119	457066	58.029	ug/l	97
87) 1,3-Dichlorobenzene	13.610	146	222119	50.907	ug/l	99
88) 1,4-Dichlorobenzene	13.686	146	216427	49.860	ug/l	98
89) n-Butylbenzene	13.939	91	340192	56.502	ug/l	98
90) Hexachloroethane	14.204	117	81236	51.612	ug/l	91
91) 1,2-Dichlorobenzene	13.980	146	220400	50.576	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.598	75	33547	50.251	ug/l	90
93) 1,2,4-Trichlorobenzene	15.257	180	96434	58.418	ug/l	95
94) Hexachlorobutadiene	15.362	225	59513	54.450	ug/l	98
95) Naphthalene	15.498	128	275027	45.392	ug/l	100
96) 1,2,3-Trichlorobenzene	15.692	180	97415	58.886	ug/l	98

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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

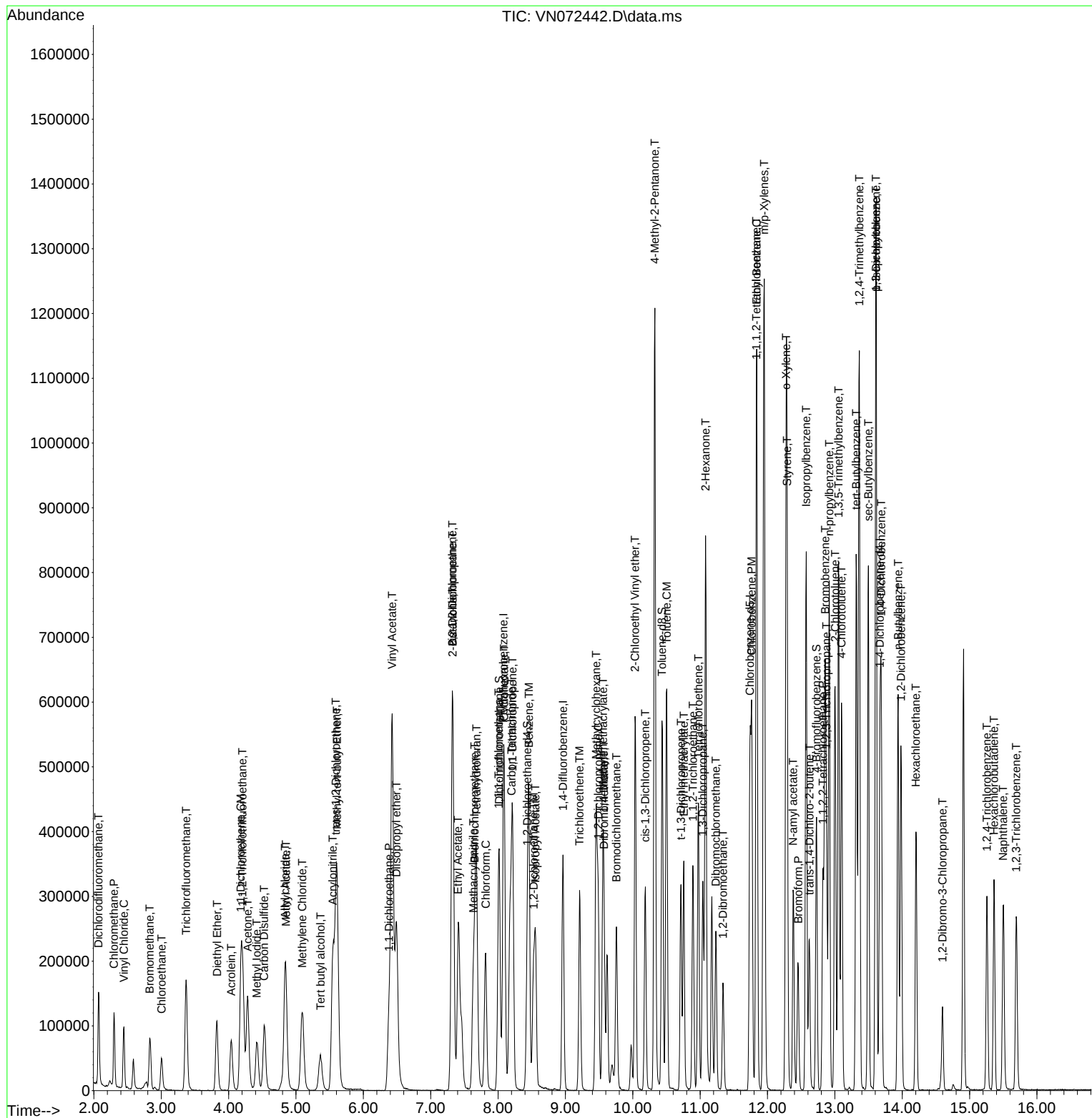
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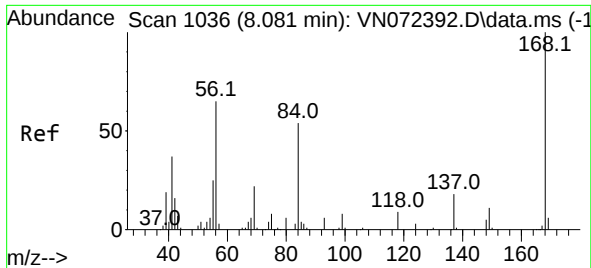
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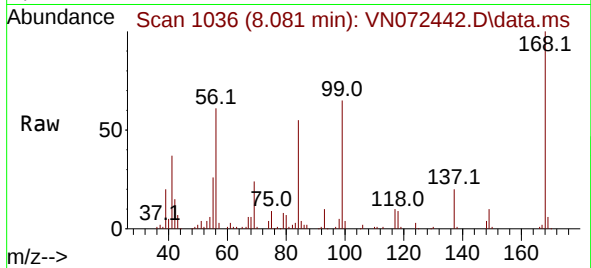
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN072442.D
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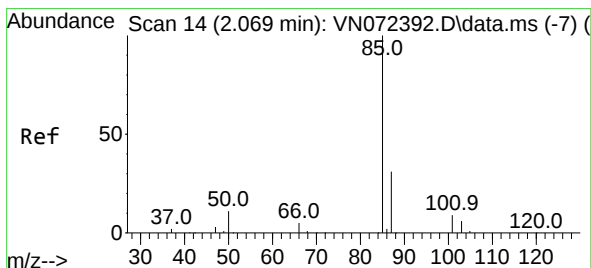
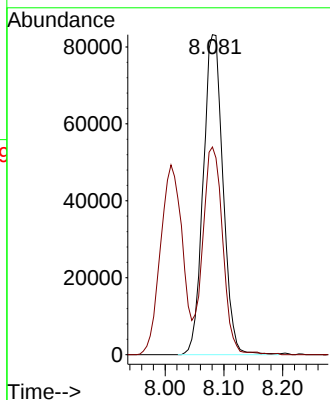
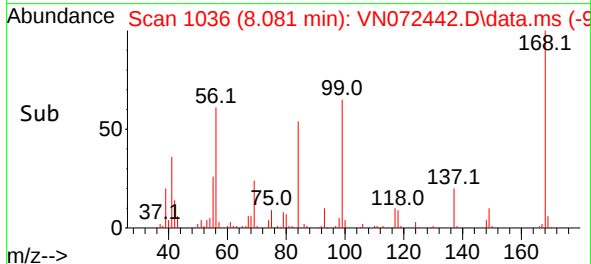
Instrument :
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Tgt Ion:168 Resp: 194275
Ion Ratio Lower Upper
168 100
99 64.5 42.3 63.5

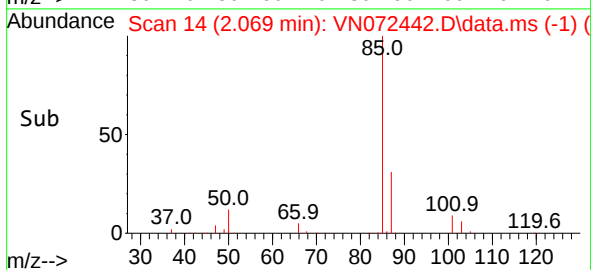
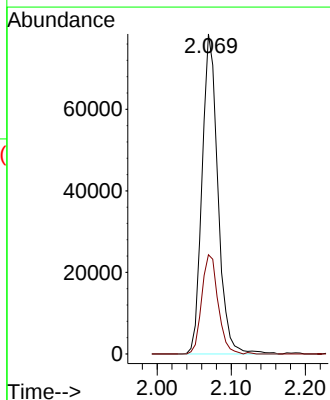
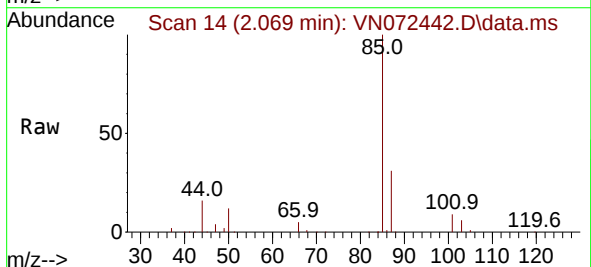
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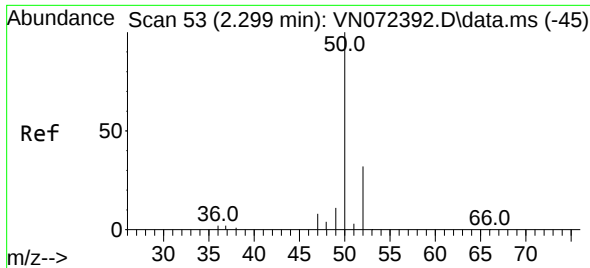
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#2
Dichlorodifluoromethane
Concen: 48.136 ug/l
RT: 2.069 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN072442.D
Acq: 12 May 2022 10:24

Tgt Ion: 85 Resp: 116631
Ion Ratio Lower Upper
85 100
87 31.0 15.7 47.1





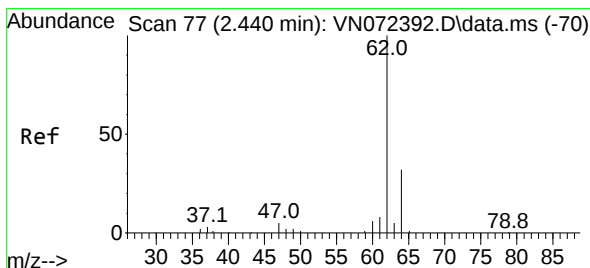
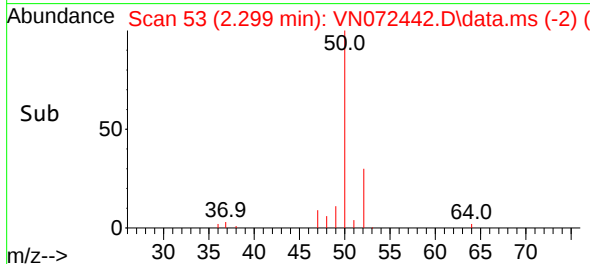
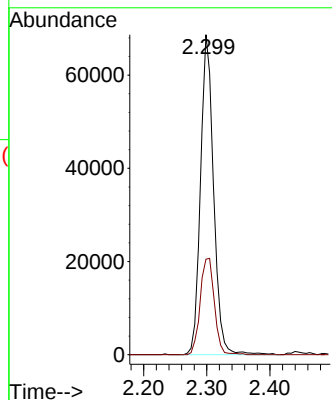
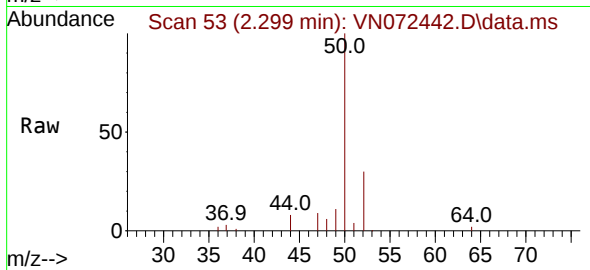
#3
Chloromethane
Concen: 43.382 ug/l
RT: 2.299 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN072442.D
Acq: 12 May 2022 10:24

Instrument :
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ClientSampleId :
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Tgt Ion: 50 Resp: 9877
Ion Ratio Lower Upper
50 100
52 29.9 25.7 38.5

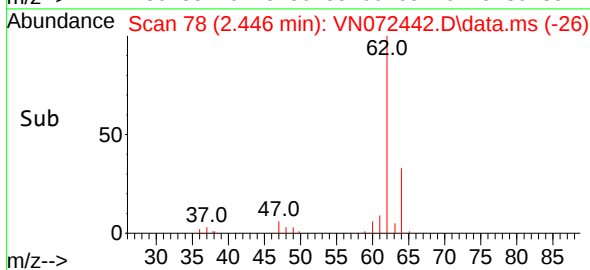
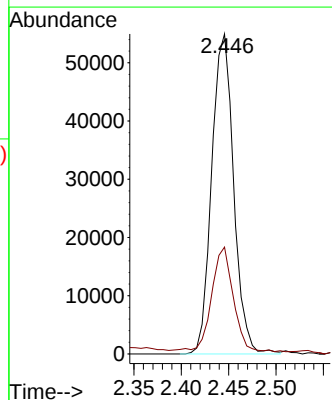
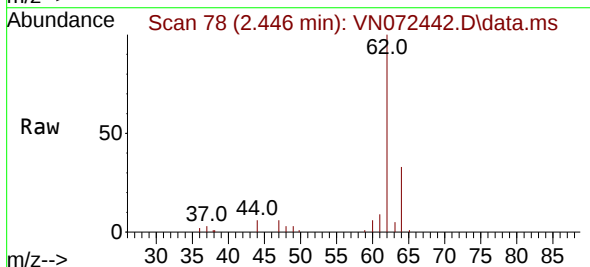
Manual Integrations
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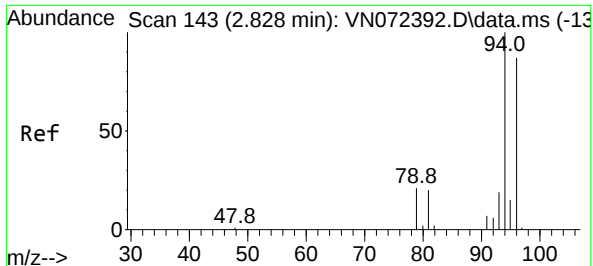
Reviewed By :John Carlone 05/13/2022
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#4
Vinyl Chloride
Concen: 42.962 ug/l
RT: 2.446 min Scan# 78
Delta R.T. 0.006 min
Lab File: VN072442.D
Acq: 12 May 2022 10:24

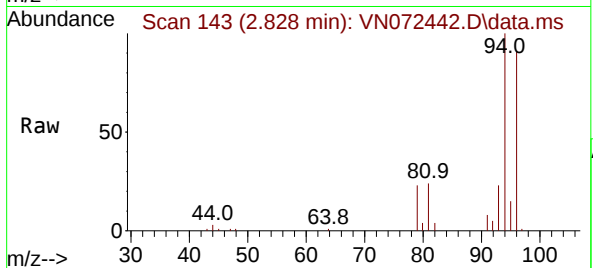
Tgt Ion: 62 Resp: 88634
Ion Ratio Lower Upper
62 100
64 32.4 25.0 37.4





#5
Bromomethane
Concen: 44.595 ug/l
RT: 2.828 min Scan# 143
Delta R.T. -0.000 min
Lab File: VN072442.D
Acq: 12 May 2022 10:24

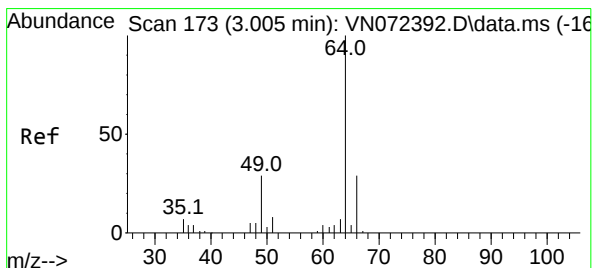
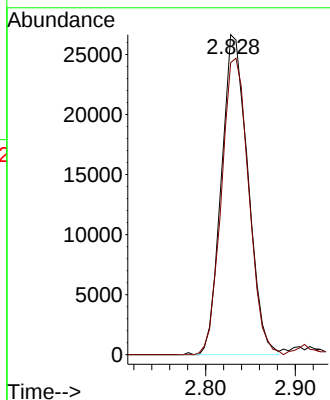
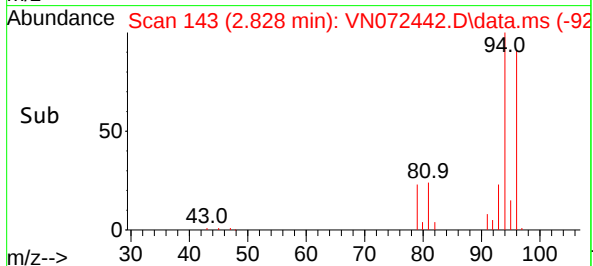
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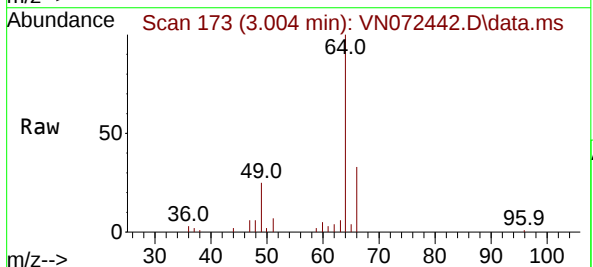
Tgt Ion: 94 Resp: 54776
Ion Ratio Lower Upper
94 100
96 91.3 76.0 114.0

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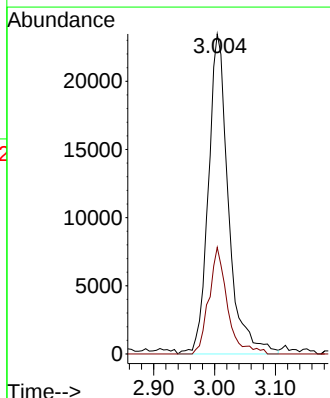
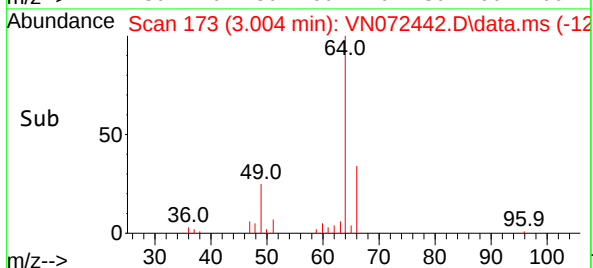
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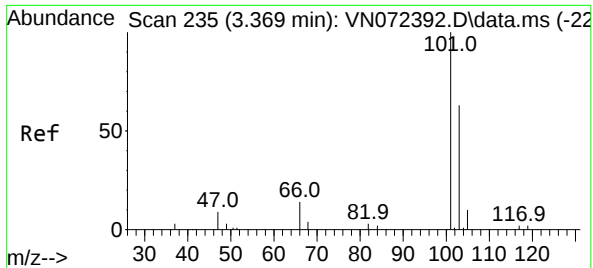


#6
Chloroethane
Concen: 49.843 ug/l
RT: 3.004 min Scan# 173
Delta R.T. -0.001 min
Lab File: VN072442.D
Acq: 12 May 2022 10:24



Tgt Ion: 64 Resp: 53876
Ion Ratio Lower Upper
64 100
66 33.3 26.2 39.4





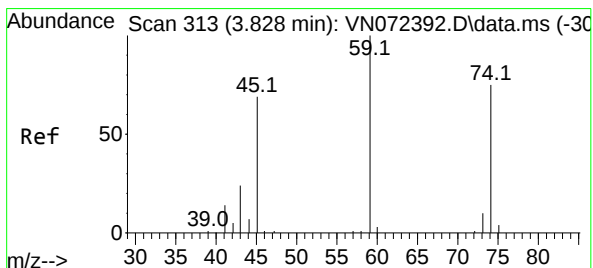
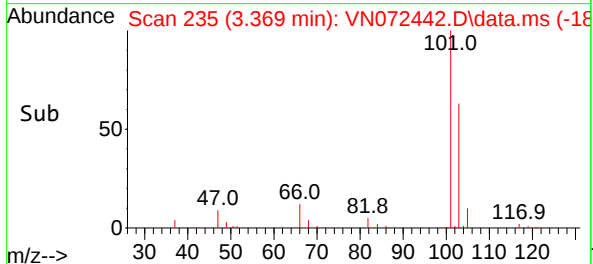
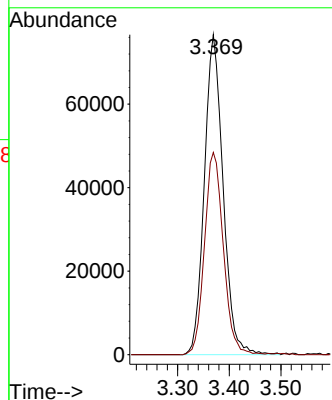
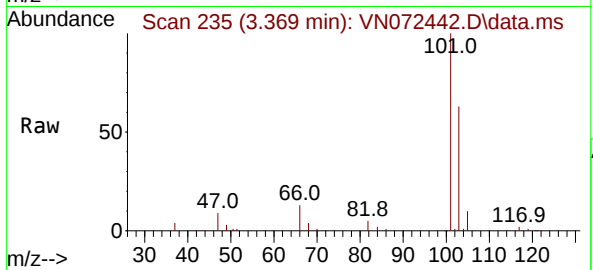
#7
Trichlorofluoromethane
Concen: 50.501 ug/l
RT: 3.369 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN072442.D
Acq: 12 May 2022 10:24

Instrument :
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Tgt Ion:101 Resp: 19310
Ion Ratio Lower Upper
101 100
103 63.2 51.5 77.3

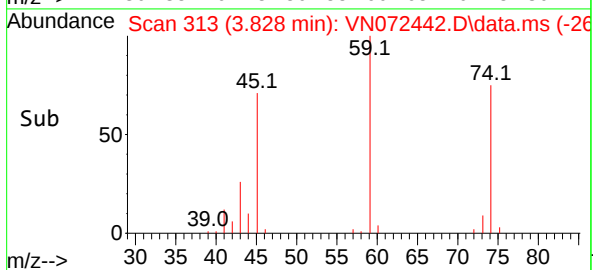
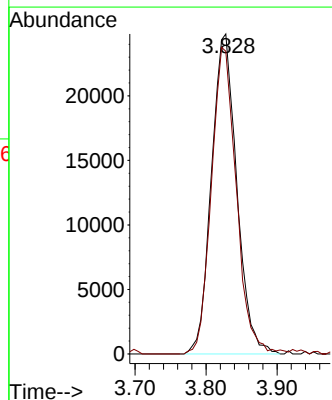
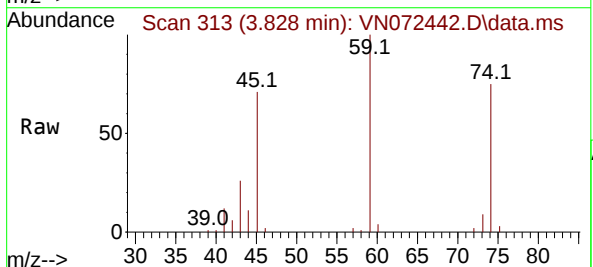
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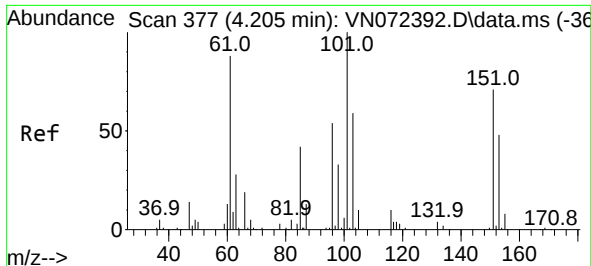
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#8
Diethyl Ether
Concen: 44.529 ug/l
RT: 3.828 min Scan# 313
Delta R.T. -0.000 min
Lab File: VN072442.D
Acq: 12 May 2022 10:24

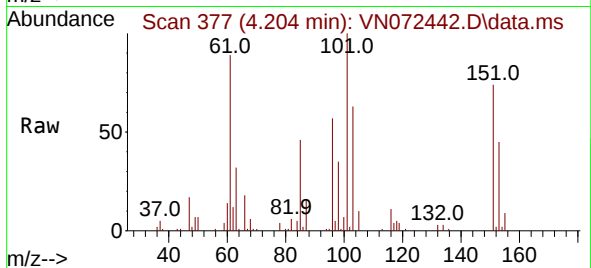
Tgt Ion: 74 Resp: 61425
Ion Ratio Lower Upper
74 100
45 94.4 42.9 128.5





#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.360 ug/l
RT: 4.204 min Scan# 31
Delta R.T. -0.001 min
Lab File: VN072442.D
Acq: 12 May 2022 10:24

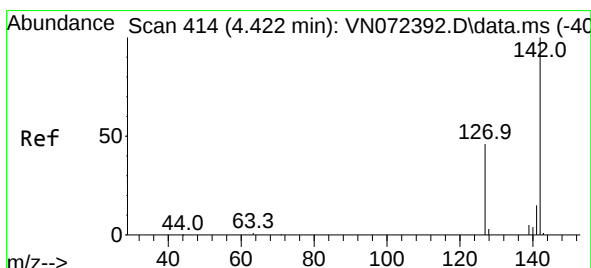
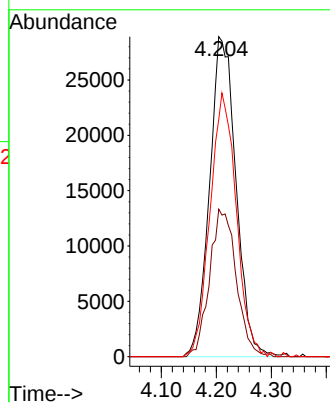
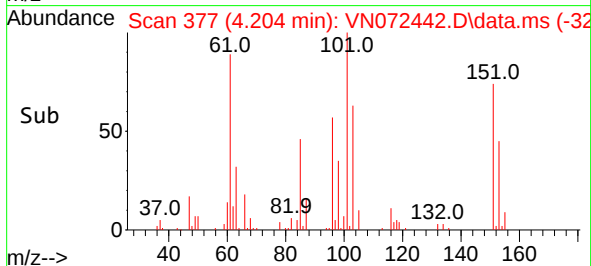
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



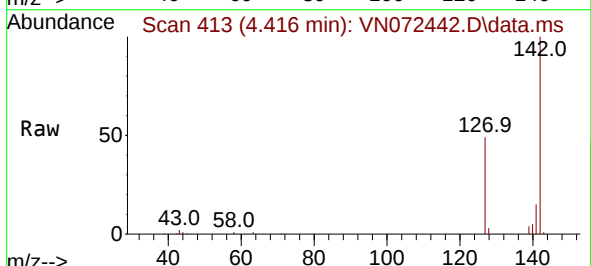
Tgt Ion:101 Resp: 96728
Ion Ratio Lower Upper
101 100
85 46.4 34.7 52.1
151 81.5 63.0 94.4

Manual Integrations
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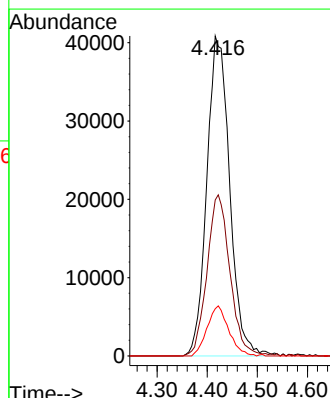
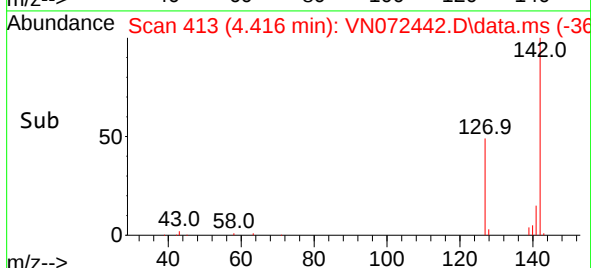
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

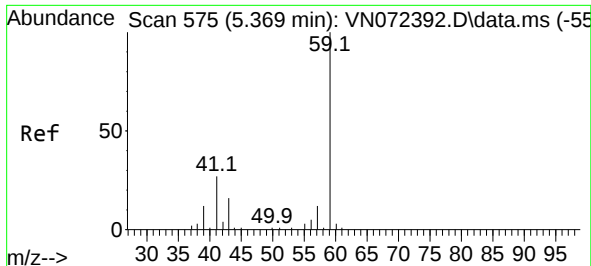


#10
Methyl Iodide
Concen: 46.772 ug/l
RT: 4.416 min Scan# 413
Delta R.T. -0.006 min
Lab File: VN072442.D
Acq: 12 May 2022 10:24



Tgt Ion:142 Resp: 129364
Ion Ratio Lower Upper
142 100
127 50.6 31.3 46.9#
141 14.8 11.2 16.8





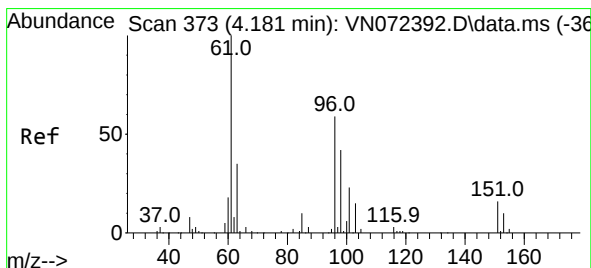
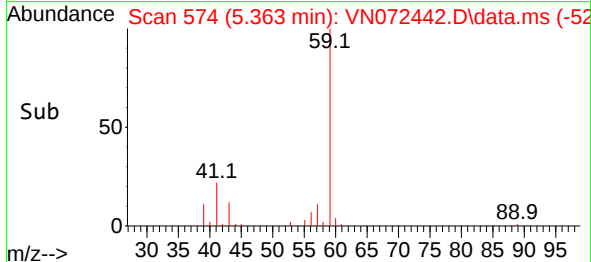
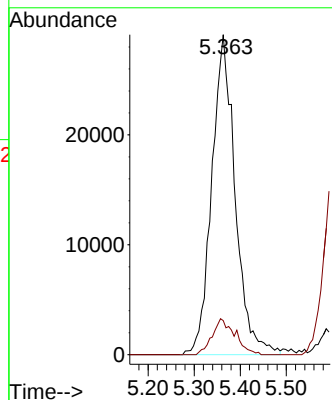
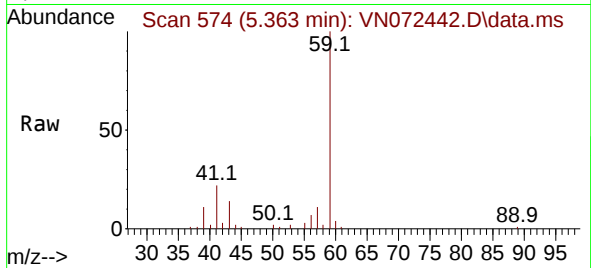
#11
Tert butyl alcohol
Concen: 211.036 ug/l
RT: 5.363 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN072442.D
Acq: 12 May 2022 10:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 10268
Ion Ratio Lower Upper
59 100
57 11.0 8.3 12.5

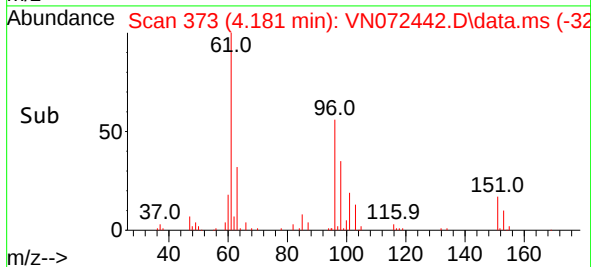
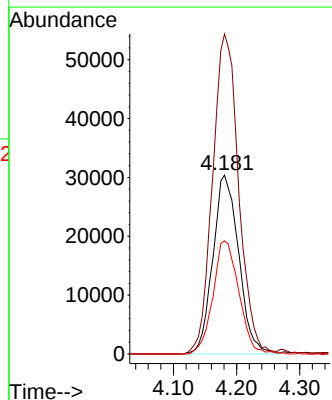
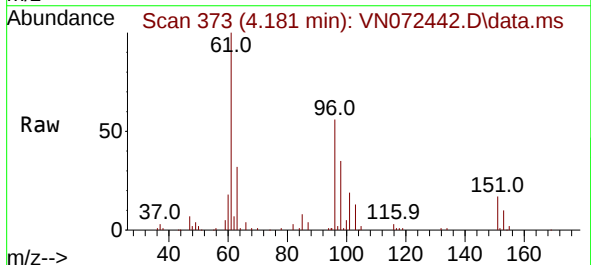
Manual Integrations
APPROVED

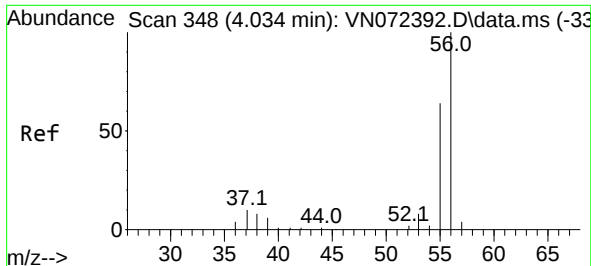
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#12
1,1-Dichloroethene
Concen: 44.192 ug/l
RT: 4.181 min Scan# 373
Delta R.T. -0.000 min
Lab File: VN072442.D
Acq: 12 May 2022 10:24

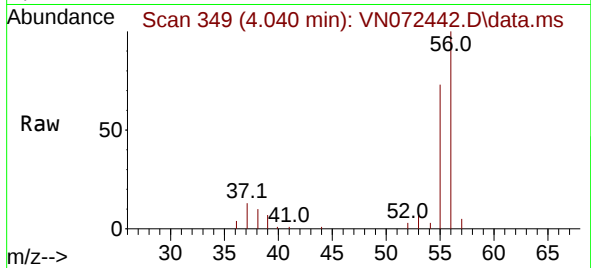
Tgt Ion: 96 Resp: 86395
Ion Ratio Lower Upper
96 100
61 178.9 127.6 191.4
98 63.3 51.2 76.8





#13
Acrolein
Concen: 200.635 ug/l
RT: 4.040 min Scan# 348
Delta R.T. 0.006 min
Lab File: VN072442.D
Acq: 12 May 2022 10:24

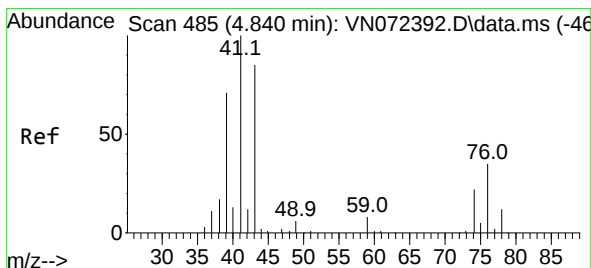
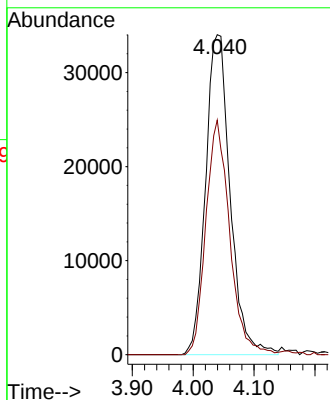
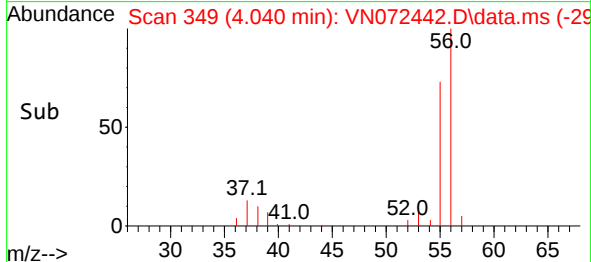
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 9551
Ion Ratio Lower Upper
56 100
55 70.8 54.8 82.2

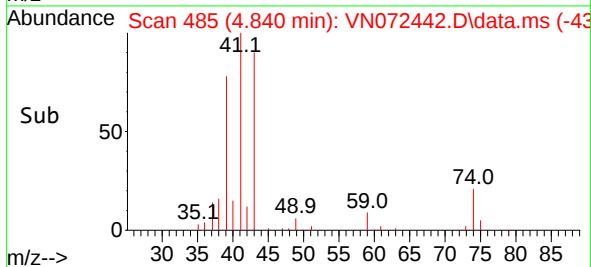
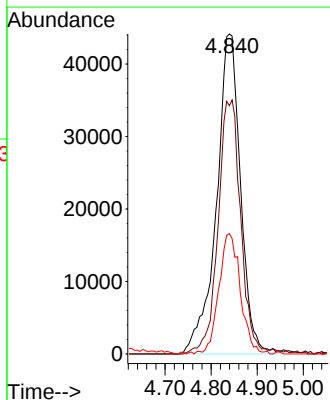
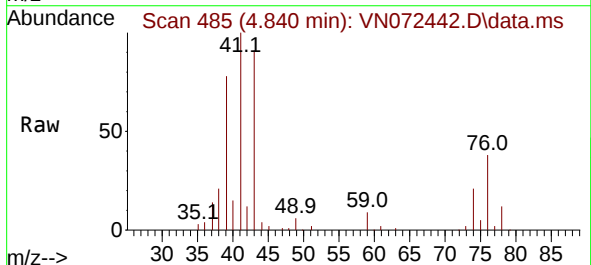
Manual Integrations
APPROVED

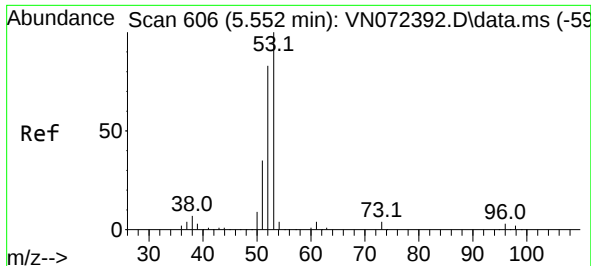
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#14
Allyl chloride
Concen: 44.021 ug/l
RT: 4.840 min Scan# 485
Delta R.T. -0.000 min
Lab File: VN072442.D
Acq: 12 May 2022 10:24

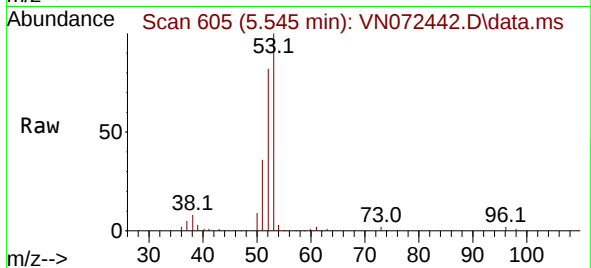
Tgt Ion: 41 Resp: 160233
Ion Ratio Lower Upper
41 100
39 74.2 53.2 79.8
76 33.5 29.9 44.9





#15
Acrylonitrile
Concen: 213.043 ug/l
RT: 5.545 min Scan# 606
Delta R.T. -0.007 min
Lab File: VN072442.D
Acq: 12 May 2022 10:24

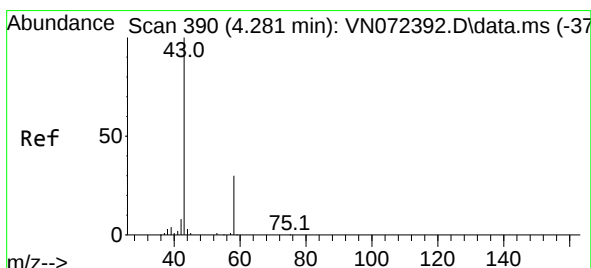
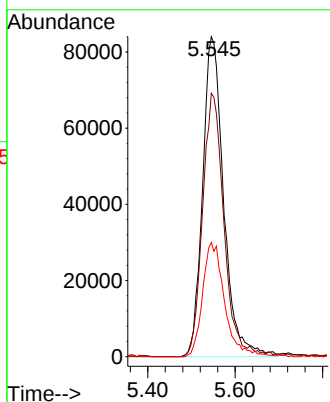
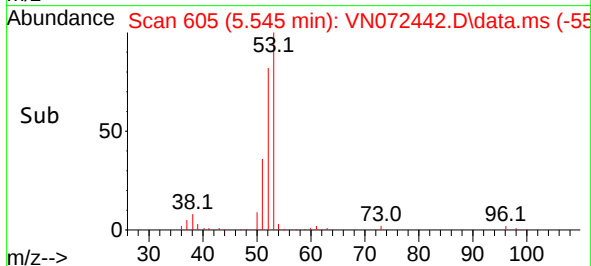
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 281674
Ion Ratio Lower Upper
53 100
52 82.8 66.4 99.6
51 37.1 28.5 42.7

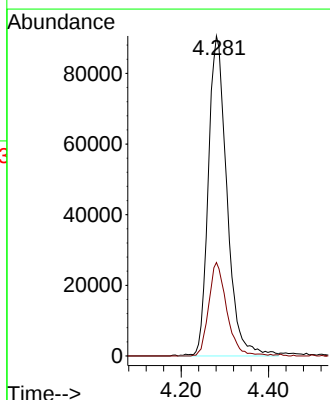
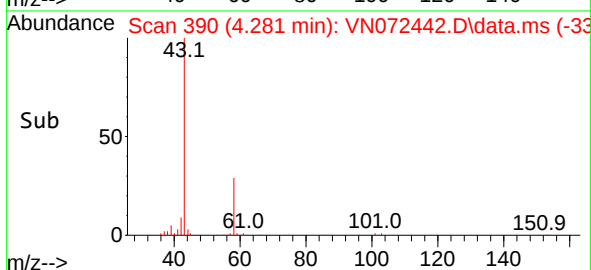
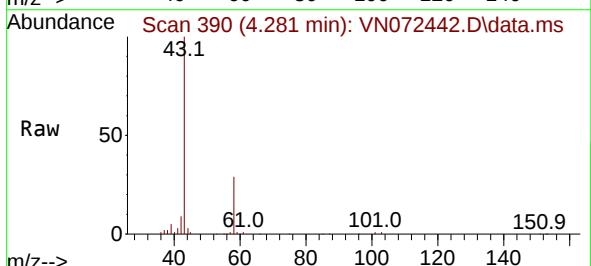
Manual Integrations
APPROVED

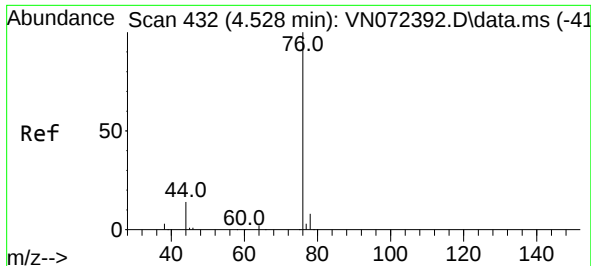
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#16
Acetone
Concen: 227.408 ug/l
RT: 4.281 min Scan# 390
Delta R.T. -0.000 min
Lab File: VN072442.D
Acq: 12 May 2022 10:24

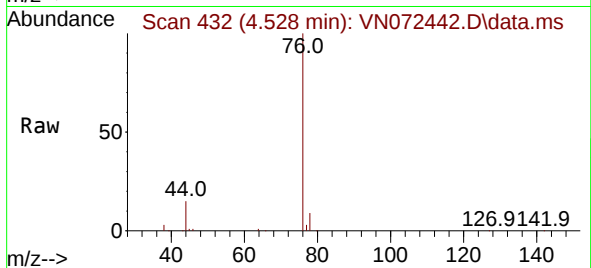
Tgt Ion: 43 Resp: 267990
Ion Ratio Lower Upper
43 100
58 29.2 26.0 39.0





#17
Carbon Disulfide
Concen: 43.905 ug/l
RT: 4.528 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN072442.D
Acq: 12 May 2022 10:24

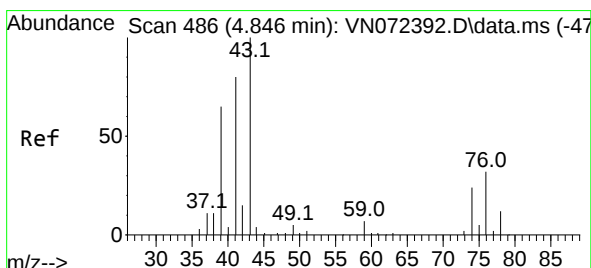
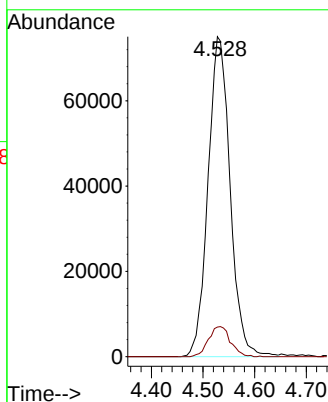
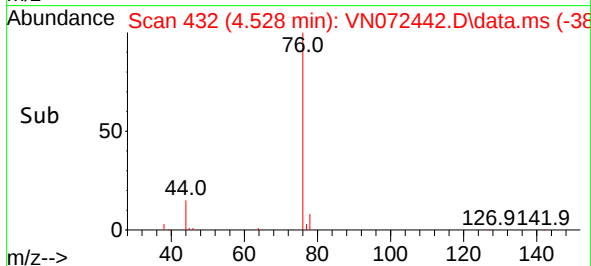
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



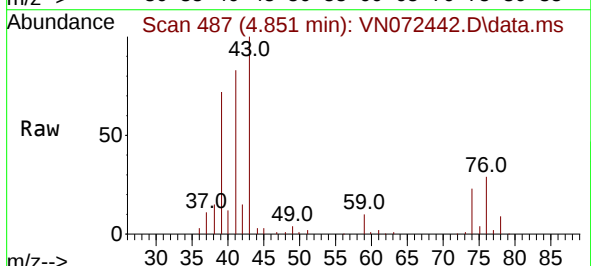
Tgt Ion: 76 Resp: 22260
Ion Ratio Lower Upper
76 100
78 9.2 7.2 10.8

Manual Integrations
APPROVED

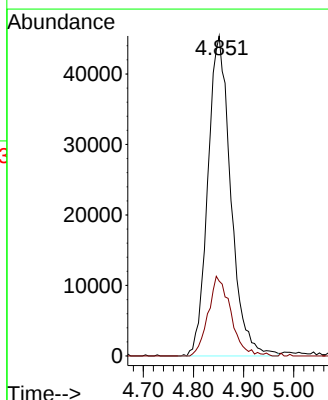
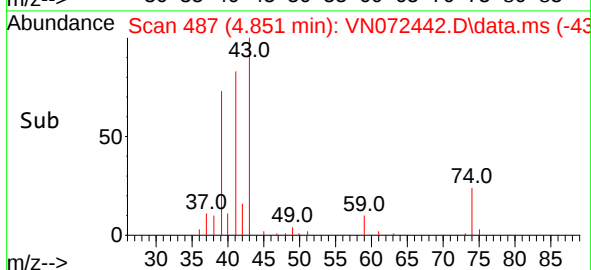
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

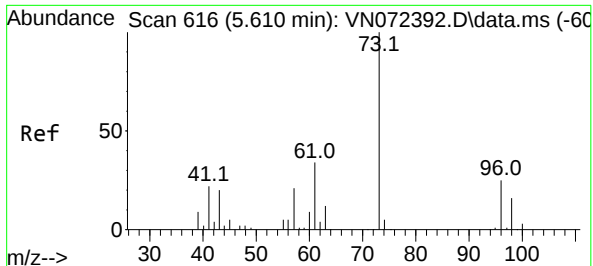


#18
Methyl Acetate
Concen: 41.620 ug/l
RT: 4.851 min Scan# 487
Delta R.T. 0.005 min
Lab File: VN072442.D
Acq: 12 May 2022 10:24



Tgt Ion: 43 Resp: 144409
Ion Ratio Lower Upper
43 100
74 24.6 21.6 32.4





#19

Methyl tert-butyl Ether

Concen: 49.366 ug/l

RT: 5.610 min Scan# 616

Delta R.T. 0.000 min

Lab File: VN072442.D

Acq: 12 May 2022 10:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 73 Resp: 34876

Ion Ratio Lower Upper

73 100

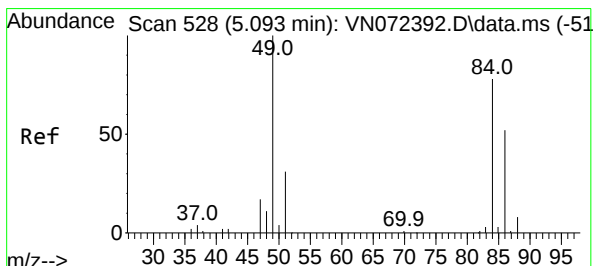
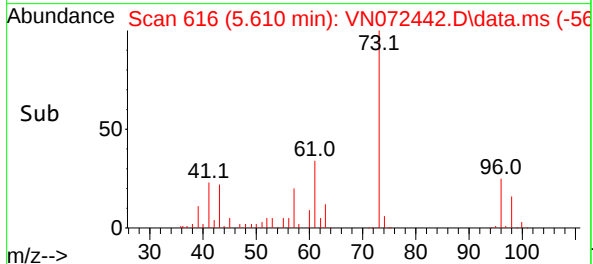
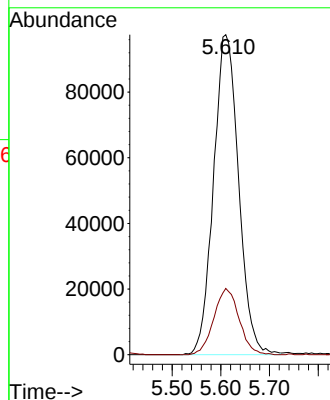
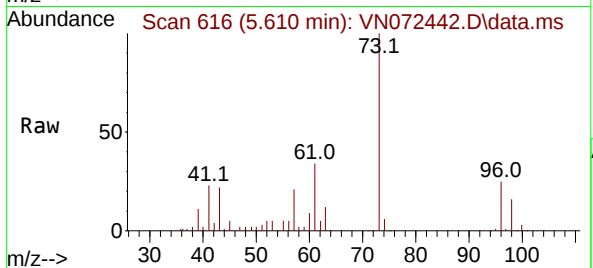
57 20.7 17.6 26.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2022

Supervised By :Mahesh Dadoda 05/13/2022



#20

Methylene Chloride

Concen: 41.511 ug/l

RT: 5.092 min Scan# 528

Delta R.T. -0.001 min

Lab File: VN072442.D

Acq: 12 May 2022 10:24

Tgt Ion: 84 Resp: 100302

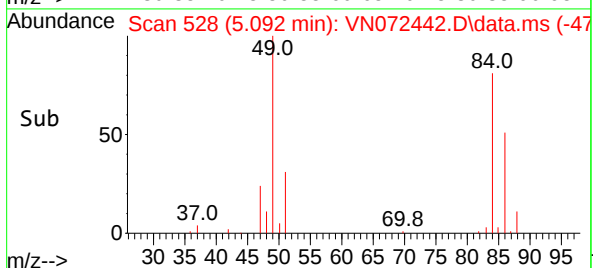
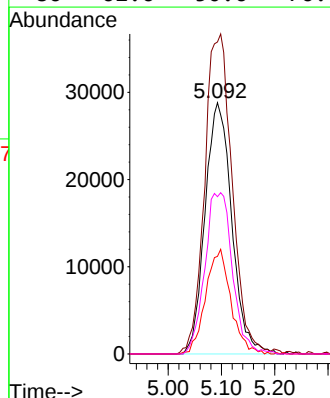
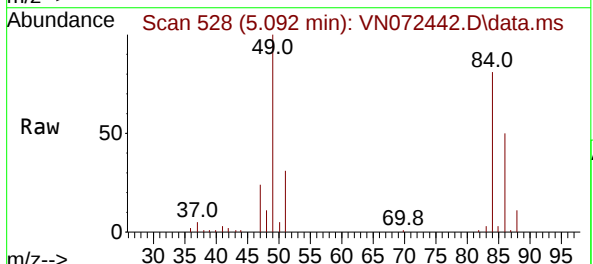
Ion Ratio Lower Upper

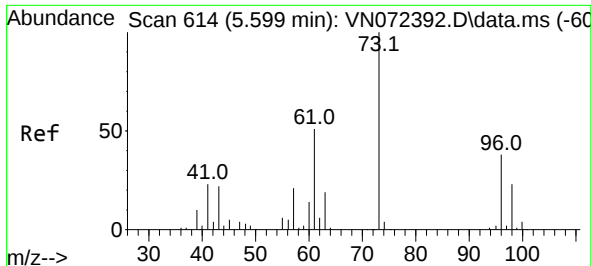
84 100

49 123.5 88.3 132.5

51 38.8 28.2 42.2

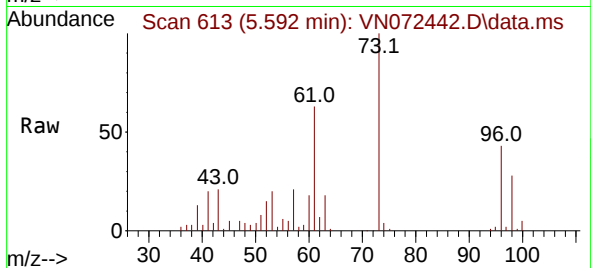
86 62.6 50.6 76.0





#21
trans-1,2-Dichloroethene
Concen: 45.428 ug/l
RT: 5.592 min Scan# 614
Delta R.T. -0.007 min
Lab File: VN072442.D
Acq: 12 May 2022 10:24

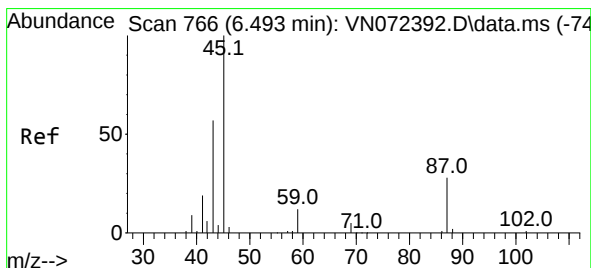
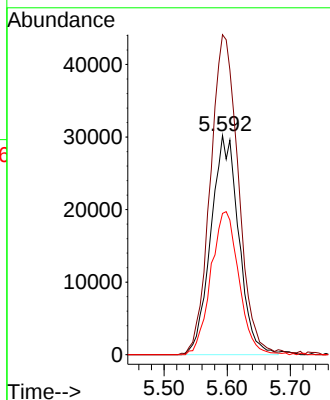
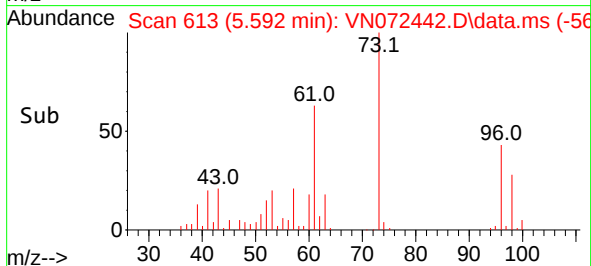
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 92917
Ion Ratio Lower Upper
96 100
61 146.0 105.8 158.8
98 64.5 50.3 75.5

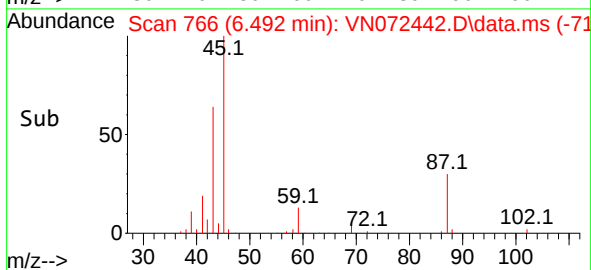
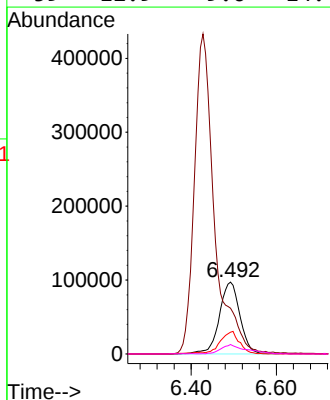
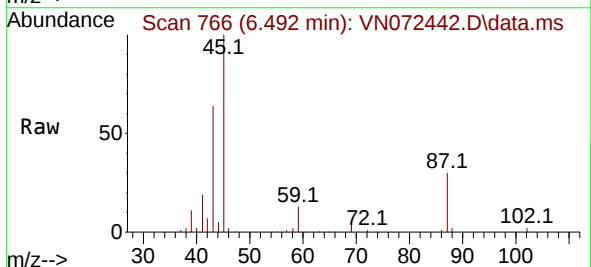
Manual Integrations
APPROVED

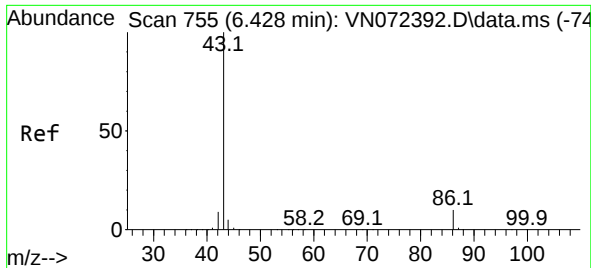
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#22
Diisopropyl ether
Concen: 44.206 ug/l
RT: 6.492 min Scan# 766
Delta R.T. -0.001 min
Lab File: VN072442.D
Acq: 12 May 2022 10:24

Tgt Ion: 45 Resp: 326963
Ion Ratio Lower Upper
45 100
43 62.1 46.6 70.0
87 30.2 24.3 36.5
59 12.9 9.6 14.4





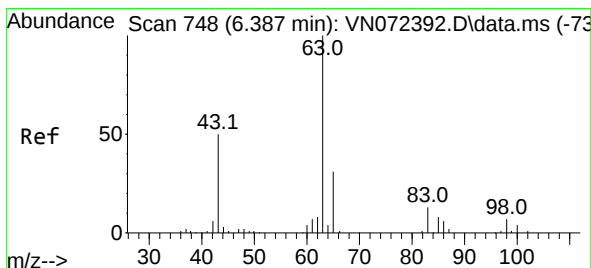
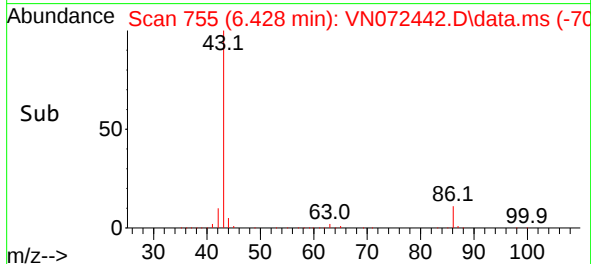
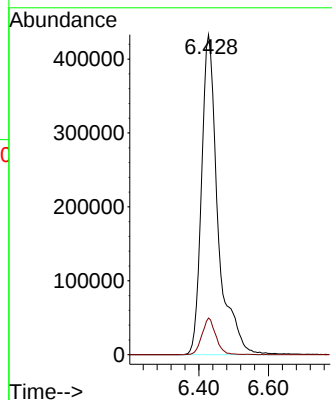
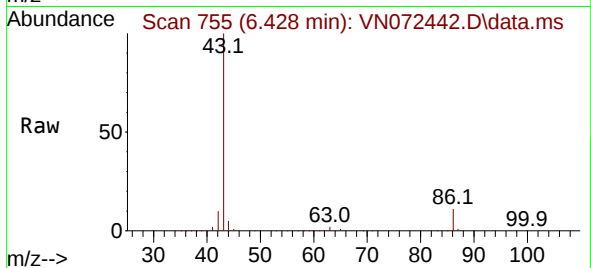
#23
 Vinyl Acetate
 Concen: 229.588 ug/l
 RT: 6.428 min Scan# 714
 Delta R.T. -0.000 min
 Lab File: VN072442.D
 Acq: 12 May 2022 10:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 142088
 Ion Ratio Lower Upper
 43 100
 86 11.5 10.0 15.0

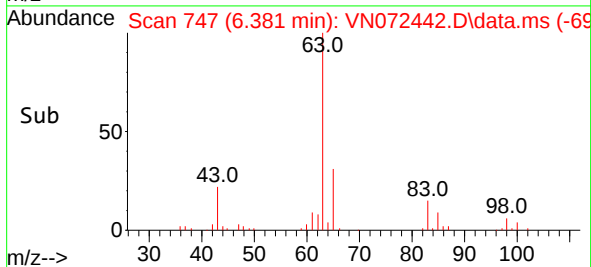
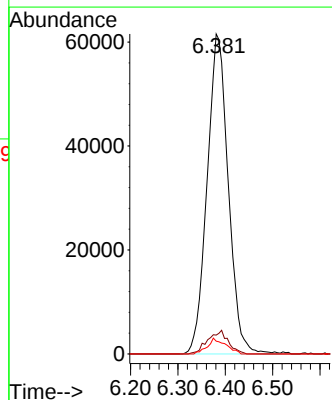
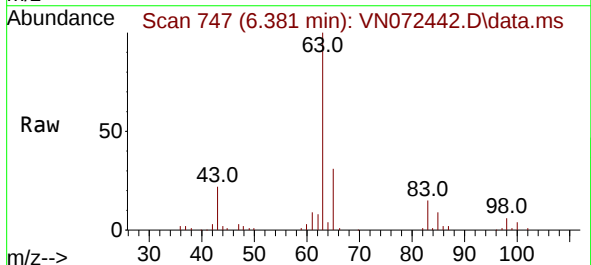
Manual Integrations
 APPROVED

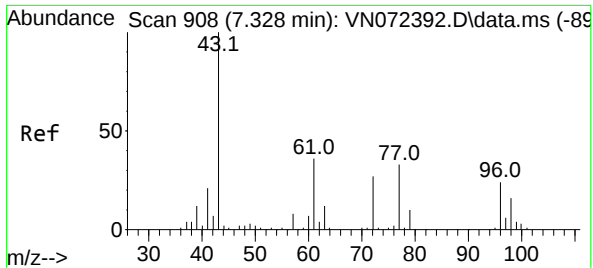
Reviewed By :John Carlone 05/13/2022
 Supervised By :Mahesh Dadoda 05/13/2022



#24
 1,1-Dichloroethane
 Concen: 45.785 ug/l
 RT: 6.381 min Scan# 747
 Delta R.T. -0.006 min
 Lab File: VN072442.D
 Acq: 12 May 2022 10:24

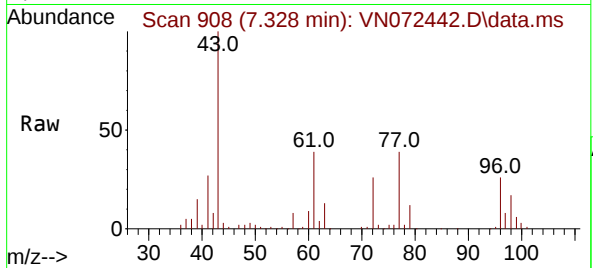
Tgt Ion: 63 Resp: 191100
 Ion Ratio Lower Upper
 63 100
 98 5.9 3.5 10.4
 100 4.0 2.3 6.8





#25
2-Butanone
Concen: 208.968 ug/l
RT: 7.328 min Scan# 908
Delta R.T. -0.000 min
Lab File: VN072442.D
Acq: 12 May 2022 10:24

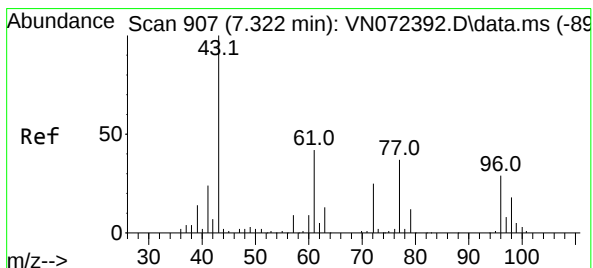
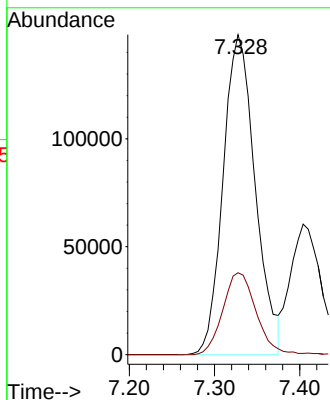
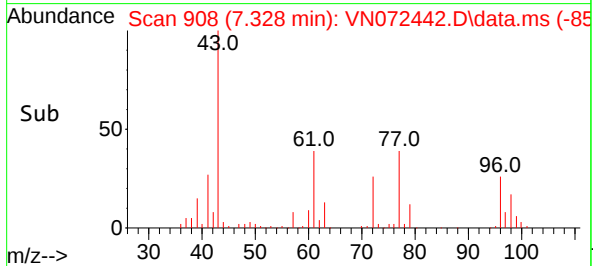
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 388659
Ion Ratio Lower Upper
43 100
72 25.6 23.7 35.5

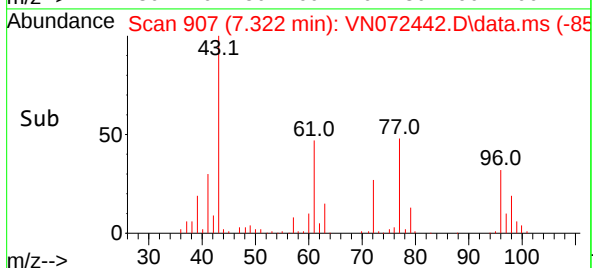
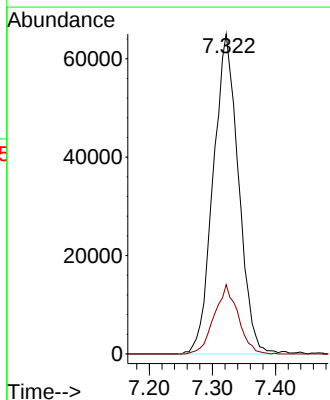
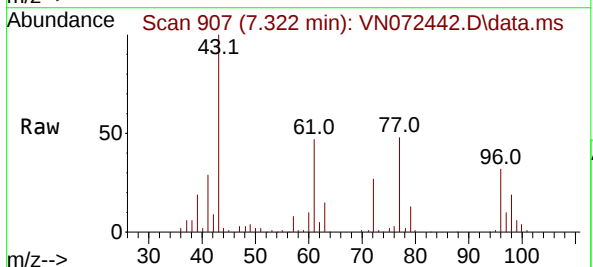
Manual Integrations
APPROVED

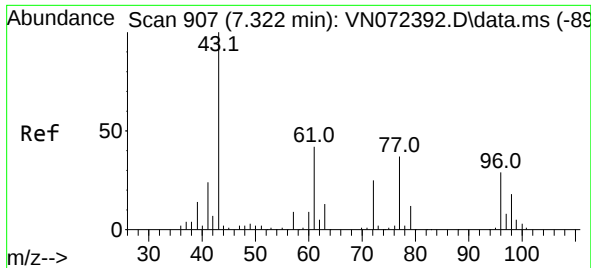
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#26
2,2-Dichloropropane
Concen: 51.564 ug/l
RT: 7.322 min Scan# 907
Delta R.T. -0.000 min
Lab File: VN072442.D
Acq: 12 May 2022 10:24

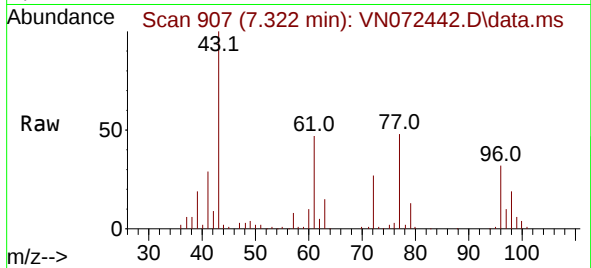
Tgt Ion: 77 Resp: 180858
Ion Ratio Lower Upper
77 100
97 20.4 11.4 34.2





#27
 cis-1,2-Dichloroethene
 Concen: 46.315 ug/l
 RT: 7.322 min Scan# 907
 Delta R.T. -0.000 min
 Lab File: VN072442.D
 Acq: 12 May 2022 10:24

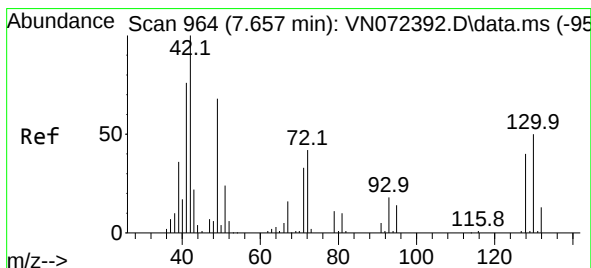
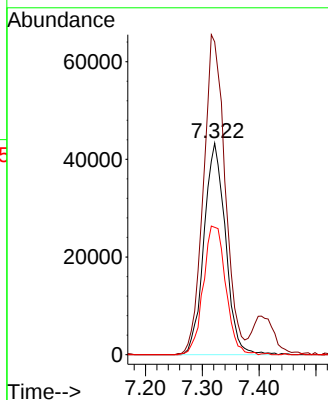
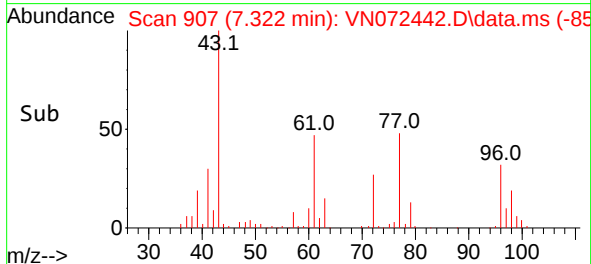
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



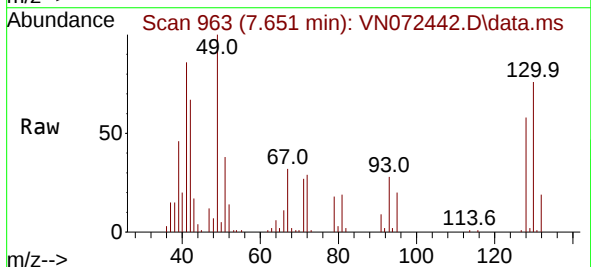
Tgt Ion: 96 Resp: 113880
 Ion Ratio Lower Upper
 96 100
 61 152.4 0.0 280.6
 98 63.4 0.0 128.4

Manual Integrations
 APPROVED

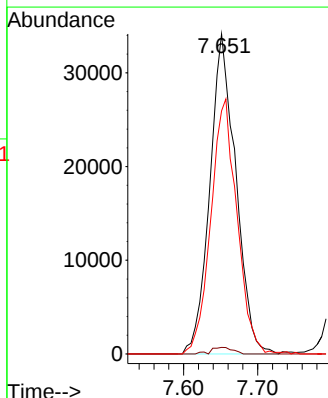
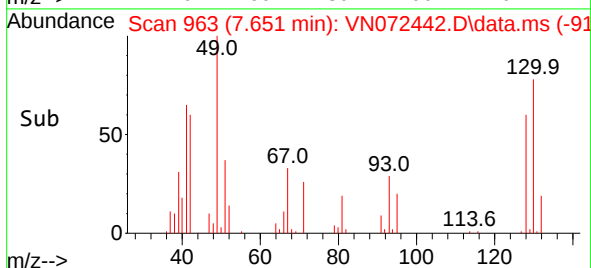
Reviewed By :John Carlone 05/13/2022
 Supervised By :Mahesh Dadoda 05/13/2022

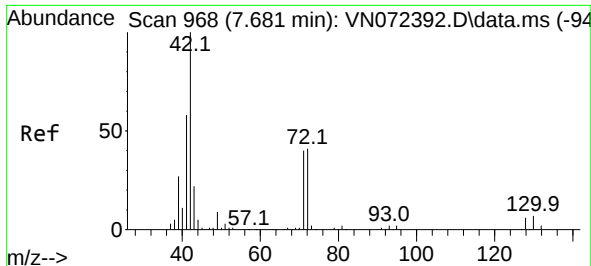


#28
 Bromochloromethane
 Concen: 46.851 ug/l
 RT: 7.651 min Scan# 963
 Delta R.T. -0.006 min
 Lab File: VN072442.D
 Acq: 12 May 2022 10:24



Tgt Ion: 49 Resp: 83030
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 4.6
 130 80.5 69.7 104.5





#29

Tetrahydrofuran

Concen: 209.998 ug/l

RT: 7.681 min Scan# 90

Delta R.T. -0.000 min

Lab File: VN072442.D

Acq: 12 May 2022 10:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 253838

Ion Ratio Lower Upper

42 100

72 43.6 39.7 59.5

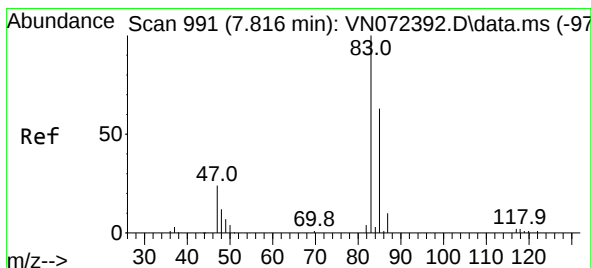
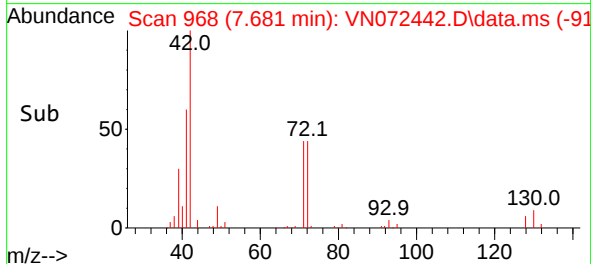
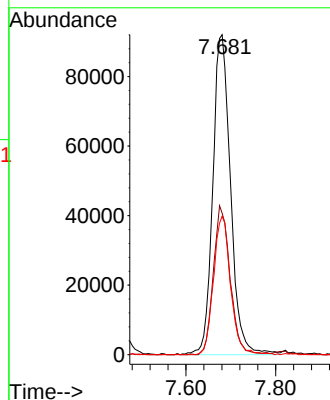
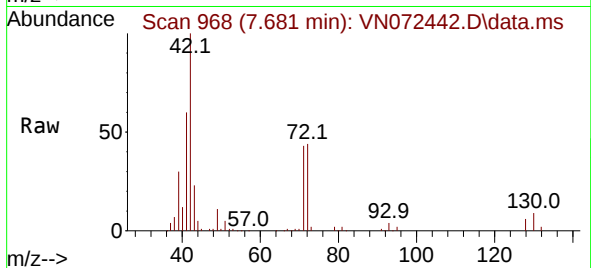
71 41.5 36.6 55.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2022

Supervised By :Mahesh Dadoda 05/13/2022



#30

Chloroform

Concen: 49.309 ug/l

RT: 7.816 min Scan# 991

Delta R.T. -0.000 min

Lab File: VN072442.D

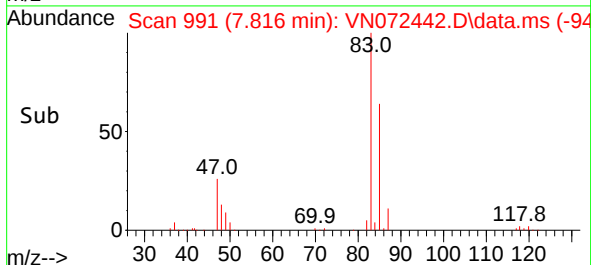
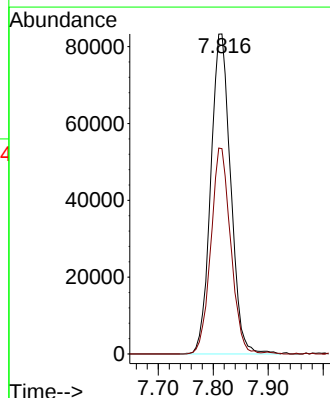
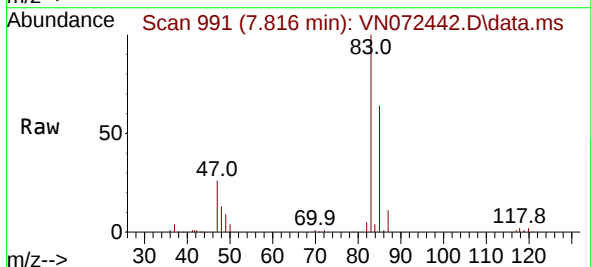
Acq: 12 May 2022 10:24

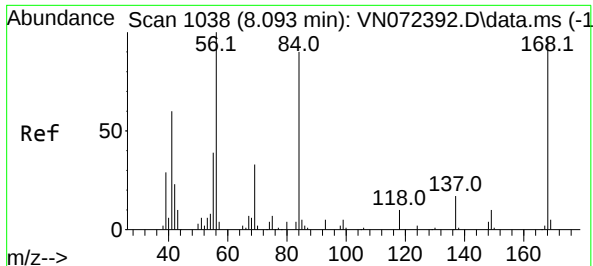
Tgt Ion: 83 Resp: 209379

Ion Ratio Lower Upper

83 100

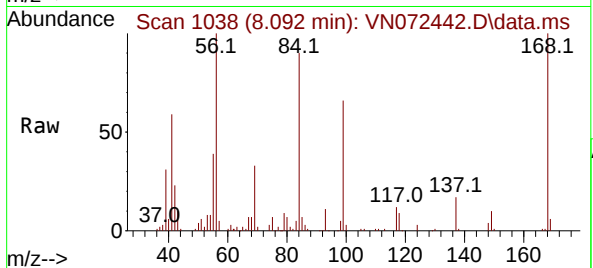
85 64.2 51.8 77.8





#31
Cyclohexane
Concen: 41.282 ug/l
RT: 8.092 min Scan# 1038
Delta R.T. -0.001 min
Lab File: VN072442.D
Acq: 12 May 2022 10:24

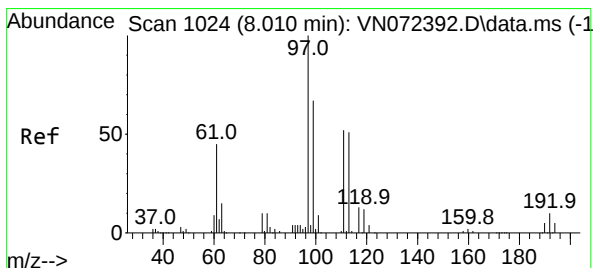
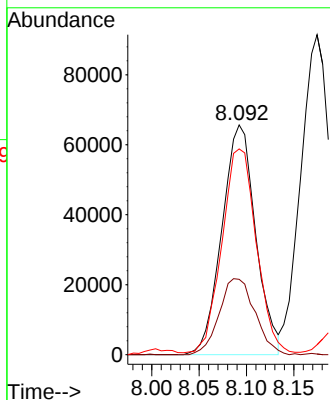
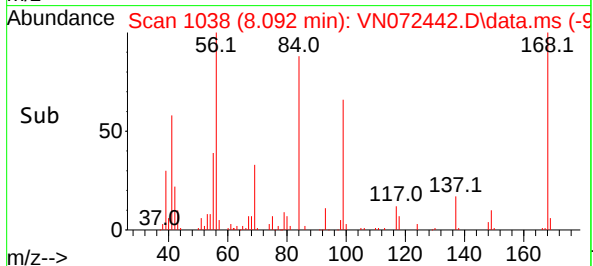
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



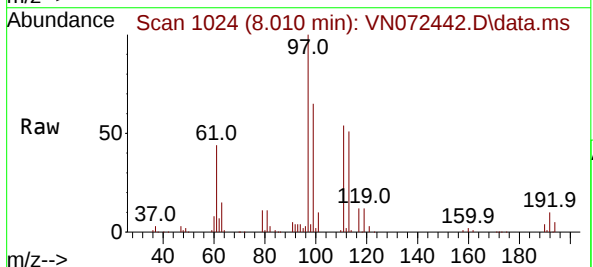
Tgt Ion: 56 Resp: 162772
Ion Ratio Lower Upper
56 100
69 32.8 27.8 41.8
84 88.6 76.9 115.3

Manual Integrations
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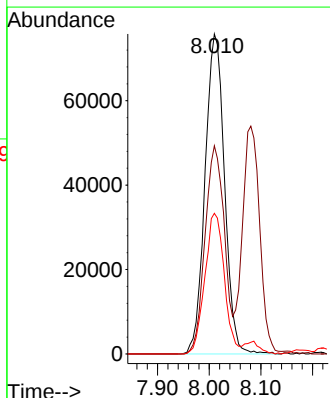
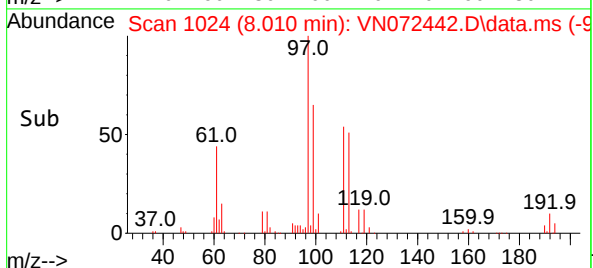
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

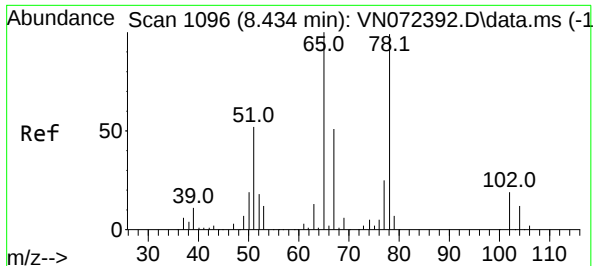


#32
1,1,1-Trichloroethane
Concen: 50.946 ug/l
RT: 8.010 min Scan# 1024
Delta R.T. -0.000 min
Lab File: VN072442.D
Acq: 12 May 2022 10:24



Tgt Ion: 97 Resp: 198420
Ion Ratio Lower Upper
97 100
99 64.5 50.6 76.0
61 43.8 36.0 54.0





#33

1,2-Dichloroethane-d4

Concen: 50.296 ug/l

RT: 8.433 min Scan# 1096

Delta R.T. -0.001 min

Lab File: VN072442.D

Acq: 12 May 2022 10:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 14966

Ion Ratio Lower Upper

65 100

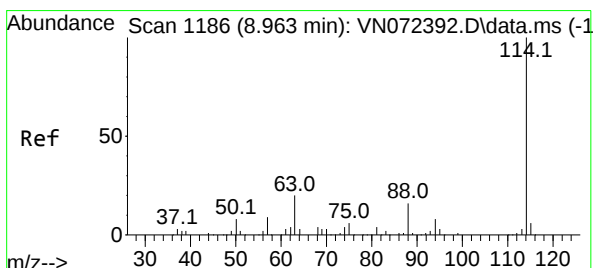
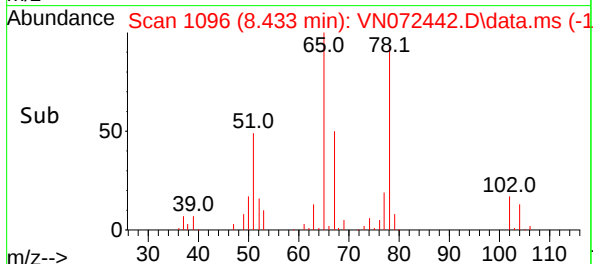
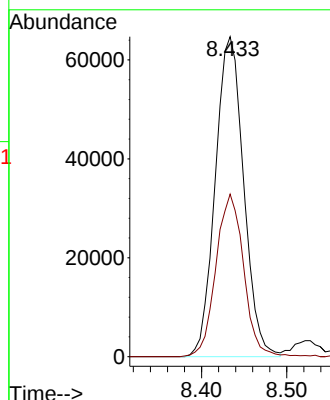
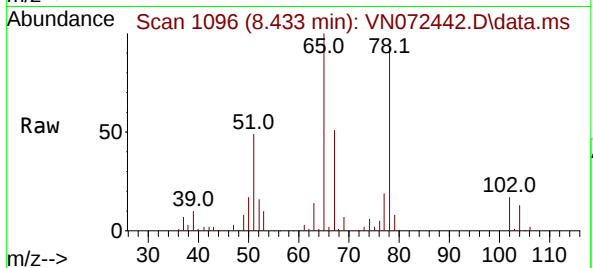
67 49.8 0.0 104.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2022

Supervised By :Mahesh Dadoda 05/13/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. -0.000 min

Lab File: VN072442.D

Acq: 12 May 2022 10:24

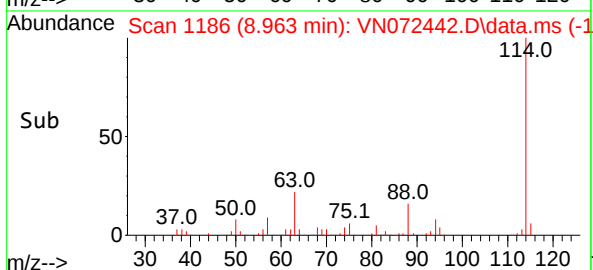
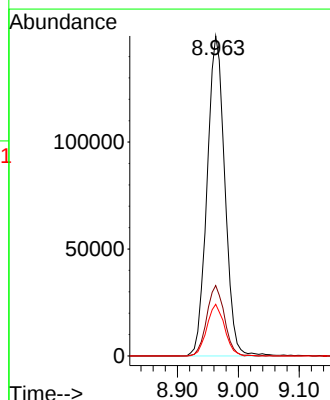
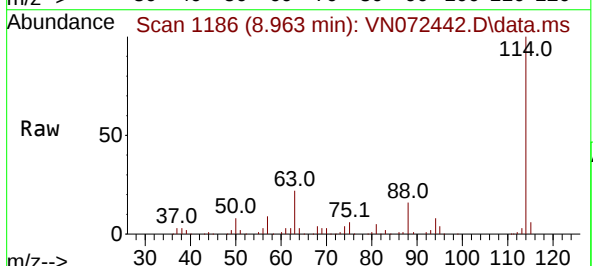
Tgt Ion:114 Resp: 302837

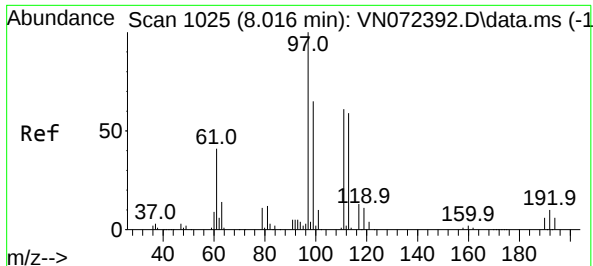
Ion Ratio Lower Upper

114 100

63 22.0 0.0 40.0

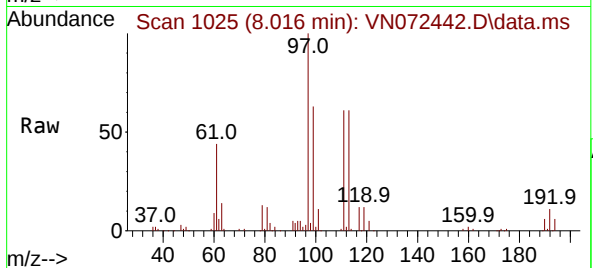
88 16.2 0.0 32.6





#35
Dibromofluoromethane
Concen: 53.148 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. -0.000 min
Lab File: VN072442.D
Acq: 12 May 2022 10:24

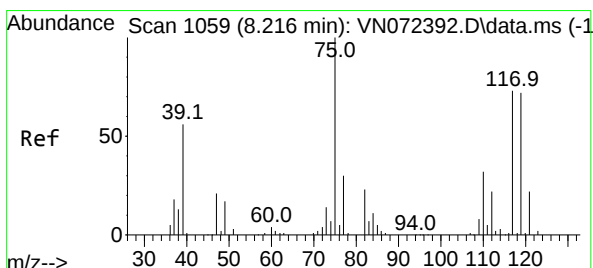
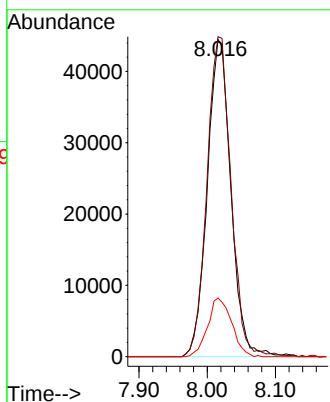
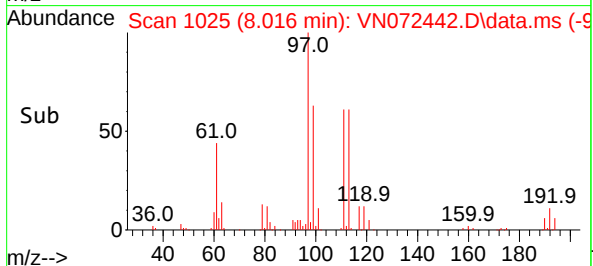
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



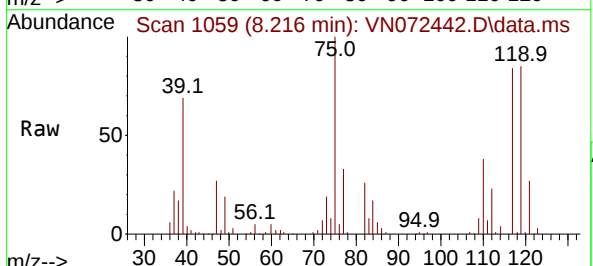
Tgt Ion:113 Resp: 107080
Ion Ratio Lower Upper
113 100
111 102.8 81.4 122.0
192 18.8 17.0 25.6

Manual Integrations
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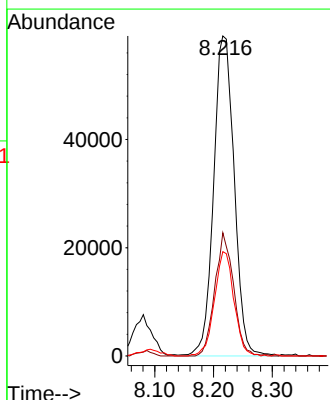
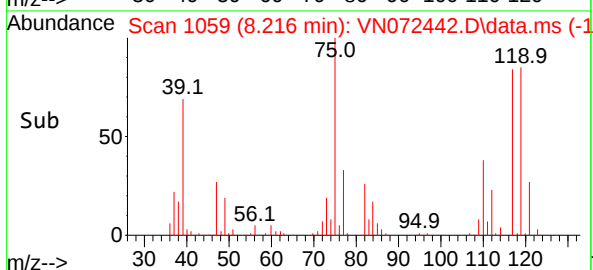
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

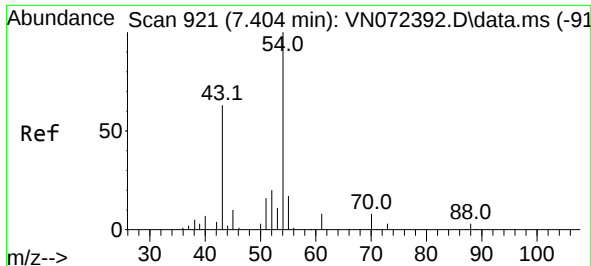


#36
1,1-Dichloropropene
Concen: 49.811 ug/l
RT: 8.216 min Scan# 1059
Delta R.T. -0.000 min
Lab File: VN072442.D
Acq: 12 May 2022 10:24



Tgt Ion: 75 Resp: 144140
Ion Ratio Lower Upper
75 100
110 35.0 18.3 54.8
77 30.9 25.1 37.7





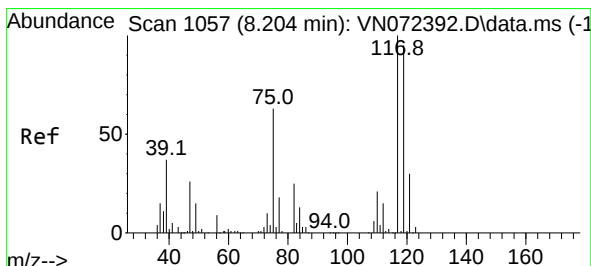
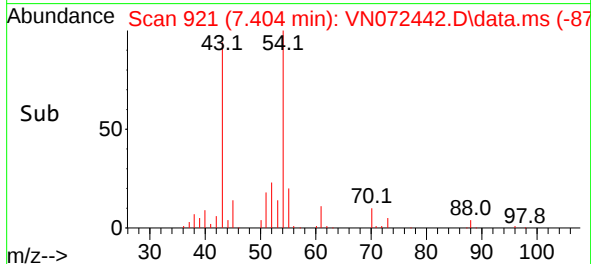
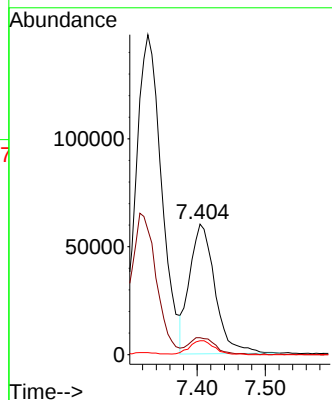
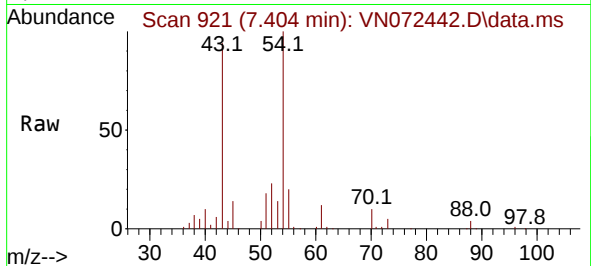
#37
Ethyl Acetate
Concen: 44.720 ug/l
RT: 7.404 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN072442.D
Acq: 12 May 2022 10:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 155264
Ion Ratio Lower Upper
43 100
61 14.3 11.8 17.6
70 10.6 9.3 13.9

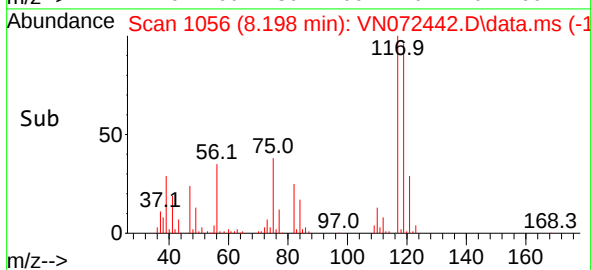
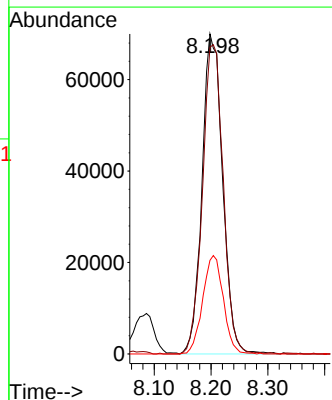
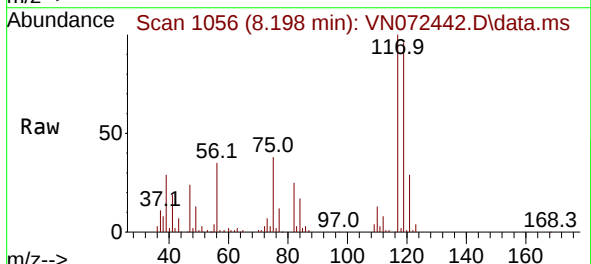
Manual Integrations
APPROVED

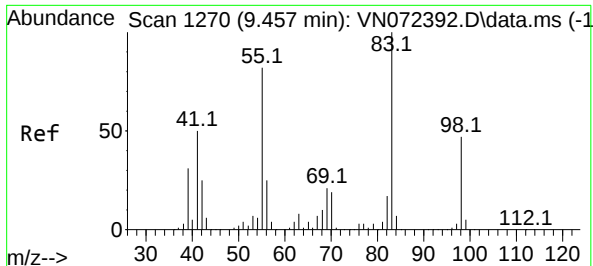
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#38
Carbon Tetrachloride
Concen: 54.409 ug/l
RT: 8.198 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN072442.D
Acq: 12 May 2022 10:24

Tgt Ion:117 Resp: 176215
Ion Ratio Lower Upper
117 100
119 95.8 75.8 113.8
121 29.3 24.6 37.0





#39

Methylcyclohexane

Concen: 52.999 ug/l

RT: 9.457 min Scan# 1100

Delta R.T. -0.000 min

Lab File: VN072442.D

Acq: 12 May 2022 10:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 172360

Ion Ratio Lower Upper

83 100

55 78.7 57.8 86.8

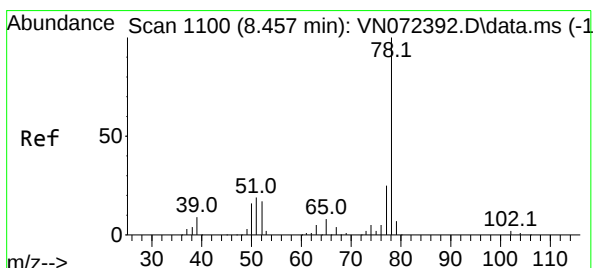
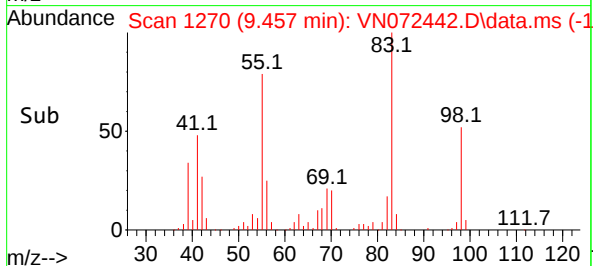
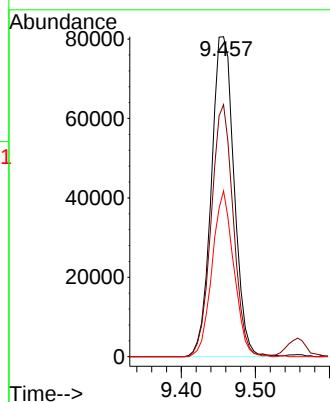
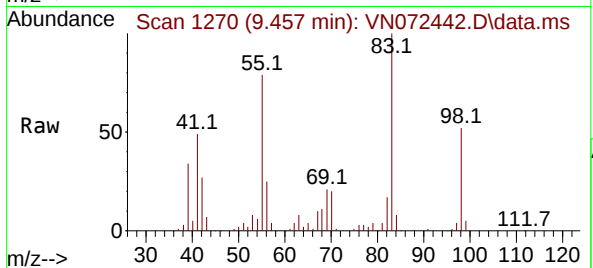
98 51.8 39.4 59.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2022

Supervised By :Mahesh Dadoda 05/13/2022



#40

Benzene

Concen: 47.769 ug/l

RT: 8.457 min Scan# 1100

Delta R.T. -0.000 min

Lab File: VN072442.D

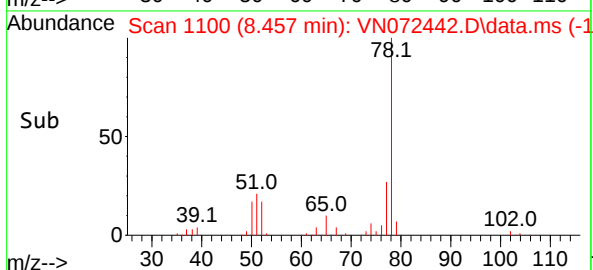
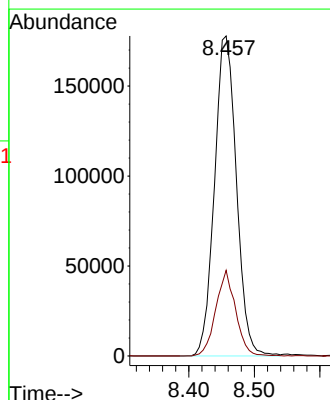
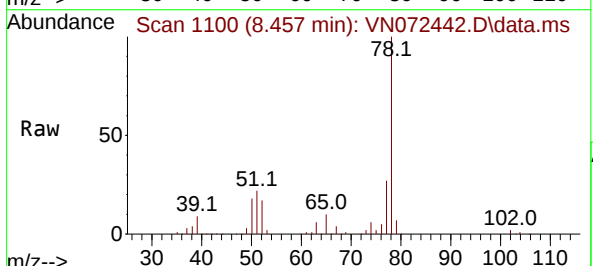
Acq: 12 May 2022 10:24

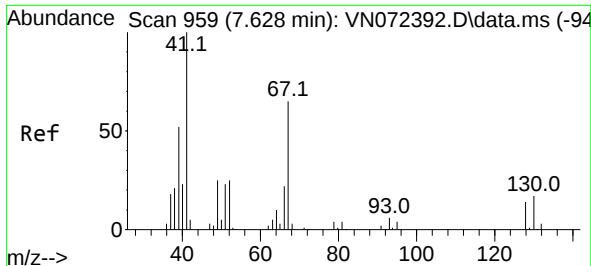
Tgt Ion: 78 Resp: 412949

Ion Ratio Lower Upper

78 100

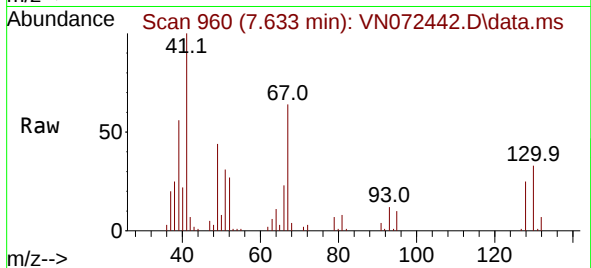
77 26.8 19.4 29.0





#41
Methacrylonitrile
Concen: 44.541 ug/l
RT: 7.633 min Scan# 90
Delta R.T. 0.005 min
Lab File: VN072442.D
Acq: 12 May 2022 10:24

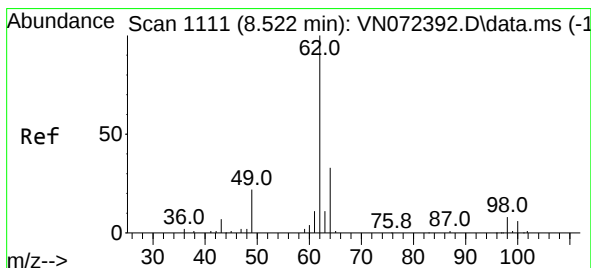
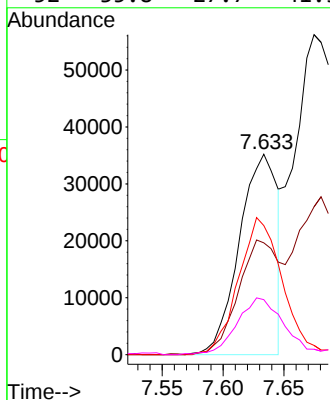
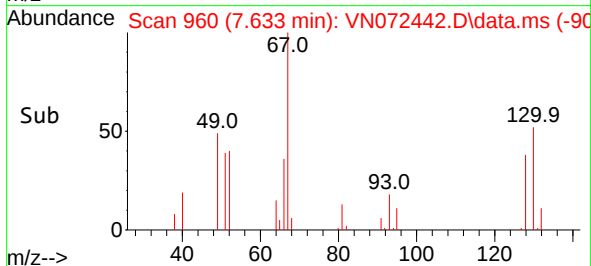
Instrument :
MSVOA_N
Client Sample Id :
VSTDCCC050



Tgt Ion: 41 Resp: 76572
Ion Ratio Lower Upper
41 100
39 65.3 48.6 73.0
67 79.8 73.4 110.2
52 35.8 27.7 41.5

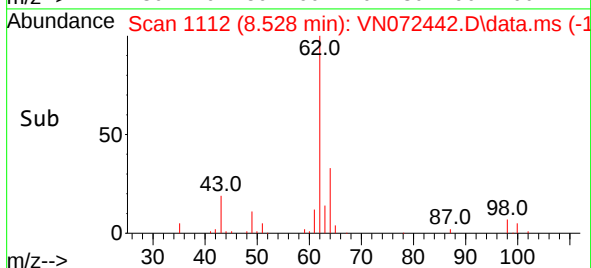
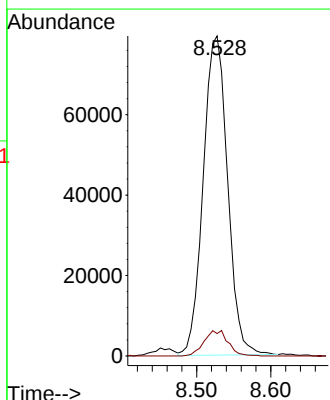
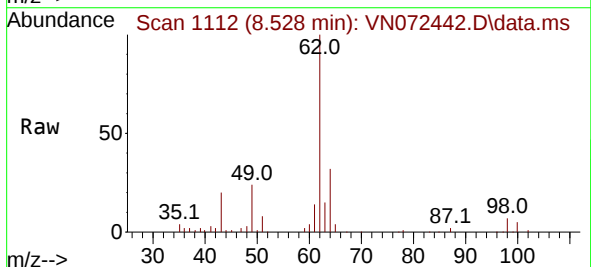
Manual Integrations
APPROVED

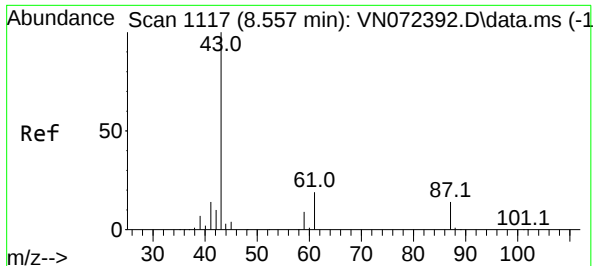
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#42
1,2-Dichloroethane
Concen: 52.204 ug/l
RT: 8.528 min Scan# 1112
Delta R.T. 0.006 min
Lab File: VN072442.D
Acq: 12 May 2022 10:24

Tgt Ion: 62 Resp: 181384
Ion Ratio Lower Upper
62 100
98 7.8 0.0 19.4





#43
Isopropyl Acetate
Concen: 46.729 ug/l
RT: 8.551 min Scan# 1116
Delta R.T. -0.006 min
Lab File: VN072442.D
Acq: 12 May 2022 10:24

Instrument :

MSVOA_N

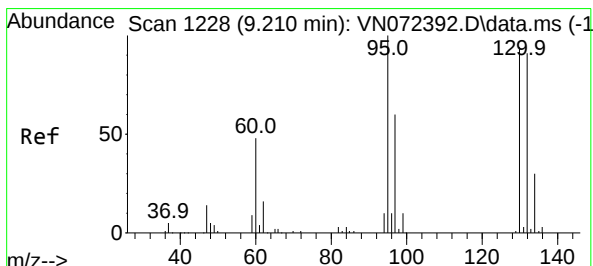
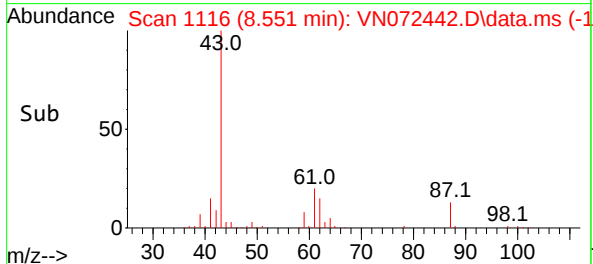
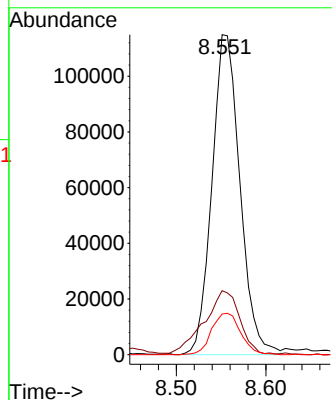
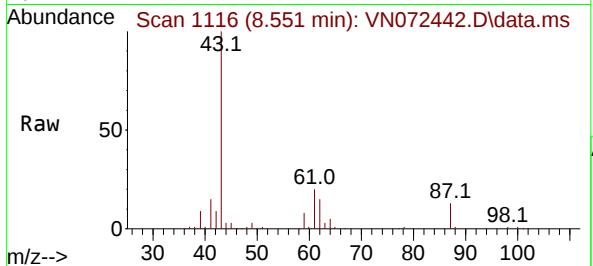
ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 24920
Ion Ratio Lower Upper
43 100
61 25.0 21.9 32.9
87 13.4 12.0 18.0

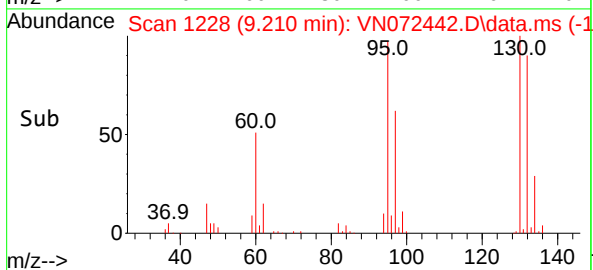
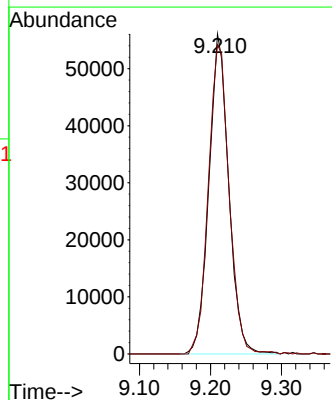
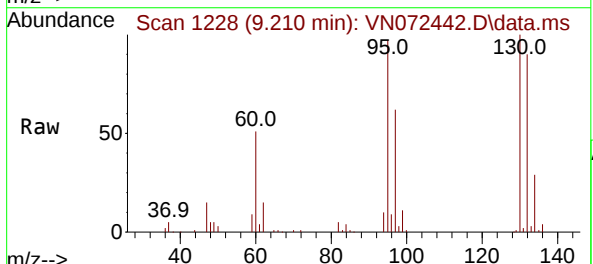
Manual Integrations
APPROVED

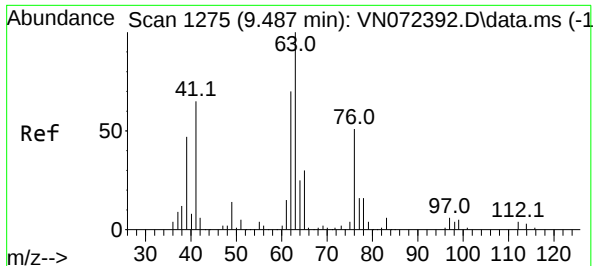
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#44
Trichloroethene
Concen: 49.475 ug/l
RT: 9.210 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VN072442.D
Acq: 12 May 2022 10:24

Tgt Ion:130 Resp: 108572
Ion Ratio Lower Upper
130 100
95 96.7 0.0 186.8





#45

1,2-Dichloropropane

Concen: 47.901 ug/l

RT: 9.486 min Scan# 1275

Delta R.T. -0.001 min

Lab File: VN072442.D

Acq: 12 May 2022 10:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 105750

Ion Ratio Lower Upper

63 100

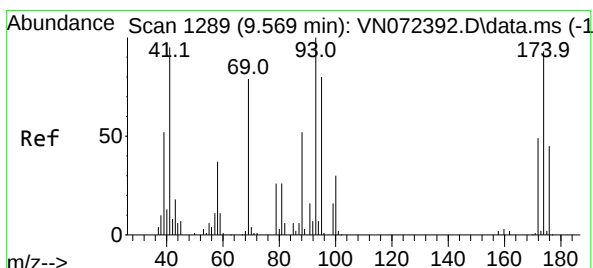
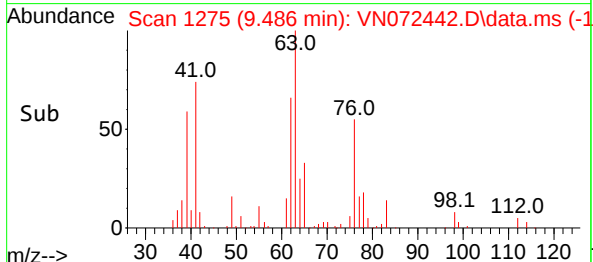
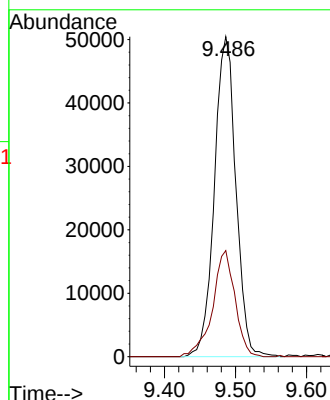
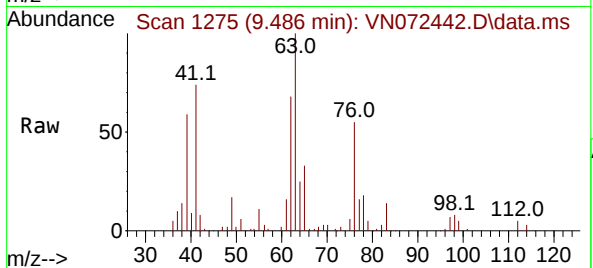
65 33.1 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2022

Supervised By :Mahesh Dadoda 05/13/2022



#46

Dibromomethane

Concen: 50.042 ug/l

RT: 9.575 min Scan# 1290

Delta R.T. 0.006 min

Lab File: VN072442.D

Acq: 12 May 2022 10:24

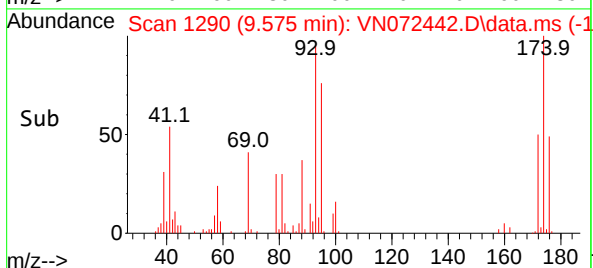
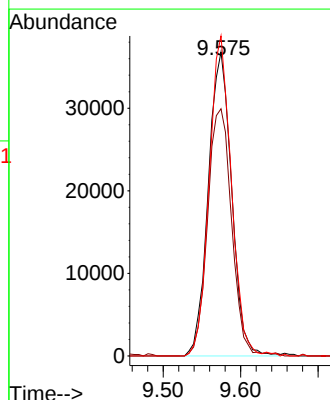
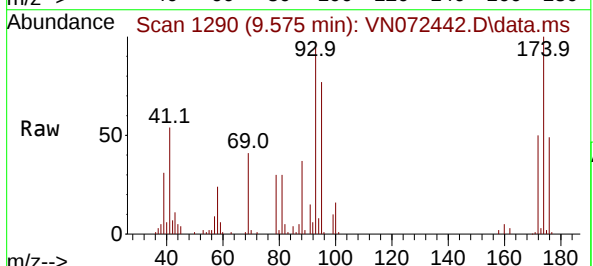
Tgt Ion: 93 Resp: 76924

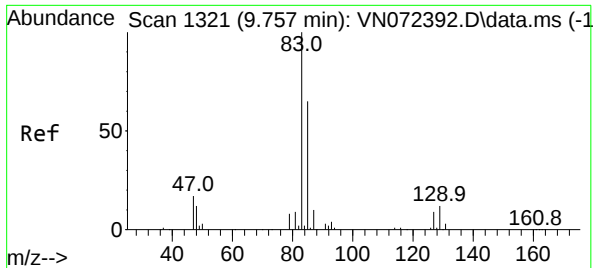
Ion Ratio Lower Upper

93 100

95 83.8 66.9 100.3

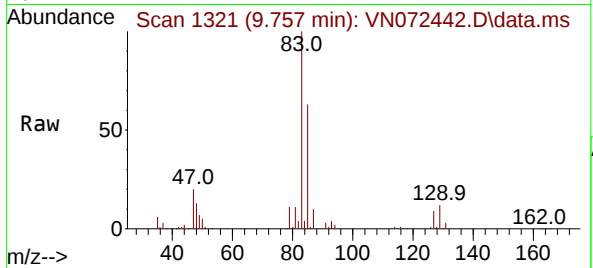
174 99.5 86.6 130.0





#47
Bromodichloromethane
Concen: 52.582 ug/l
RT: 9.757 min Scan# 1321
Delta R.T. -0.000 min
Lab File: VN072442.D
Acq: 12 May 2022 10:24

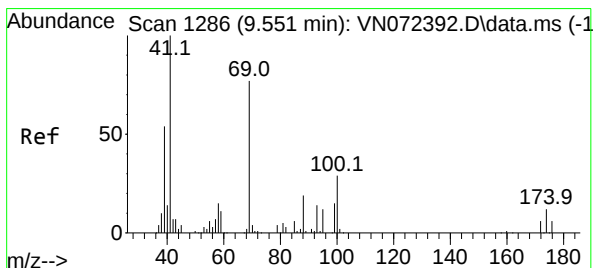
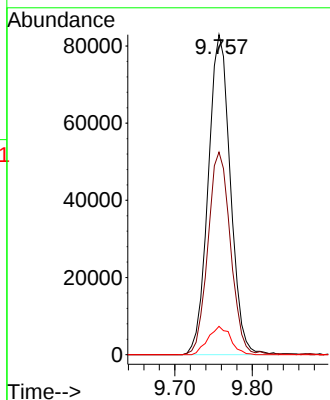
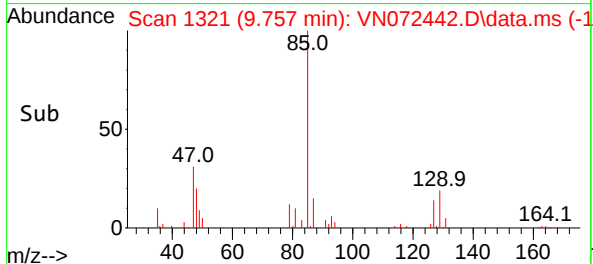
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



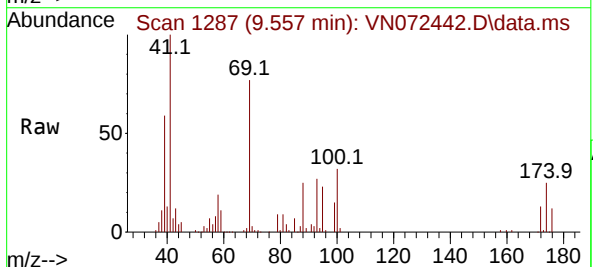
Tgt Ion: 83 Resp: 16478
Ion Ratio Lower Upper
83 100
85 63.3 50.5 75.7
127 8.8 6.8 10.2

Manual Integrations
APPROVED

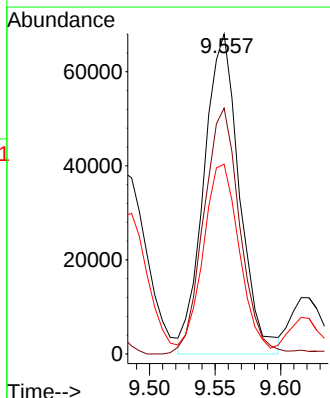
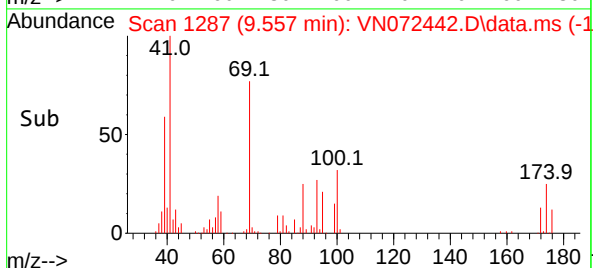
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

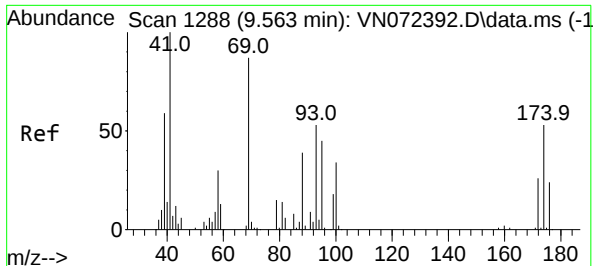


#48
Methyl methacrylate
Concen: 51.523 ug/l
RT: 9.557 min Scan# 1287
Delta R.T. 0.006 min
Lab File: VN072442.D
Acq: 12 May 2022 10:24



Tgt Ion: 41 Resp: 128195
Ion Ratio Lower Upper
41 100
69 78.0 74.7 112.1
39 60.0 45.6 68.4





#49

1,4-Dioxane

Concen: 1024.808 ug/l

RT: 9.569 min Scan# 1288

Delta R.T. 0.006 min

Lab File: VN072442.D

Acq: 12 May 2022 10:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 43490

Ion Ratio Lower Upper

88 100

43 34.2 20.2 30.4

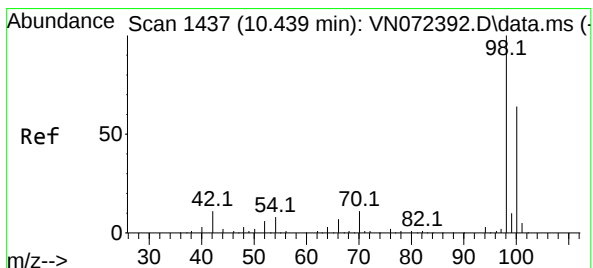
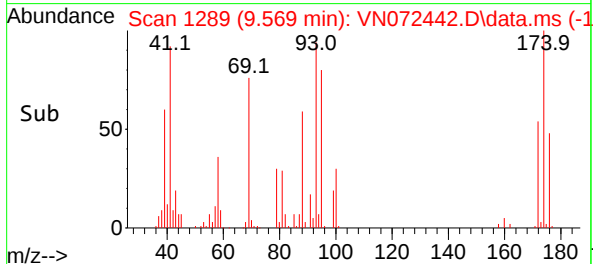
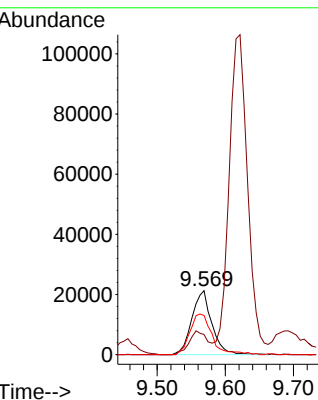
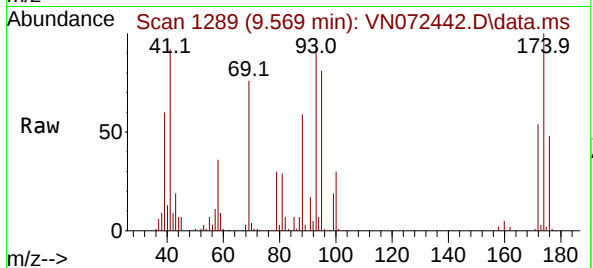
58 70.5 54.2 81.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2022

Supervised By :Mahesh Dadoda 05/13/2022



#50

Toluene-d8

Concen: 50.879 ug/l

RT: 10.433 min Scan# 1436

Delta R.T. -0.006 min

Lab File: VN072442.D

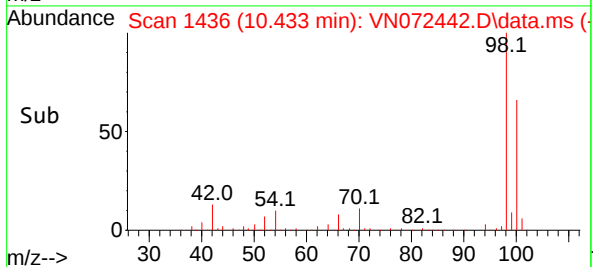
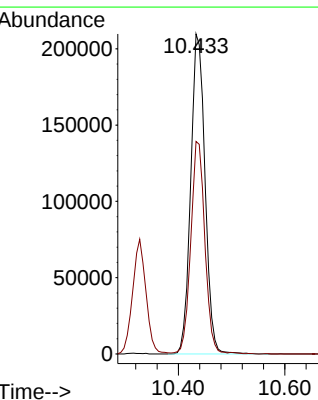
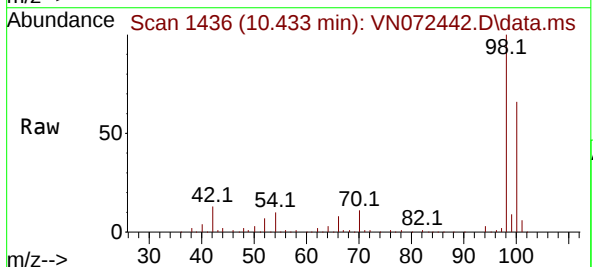
Acq: 12 May 2022 10:24

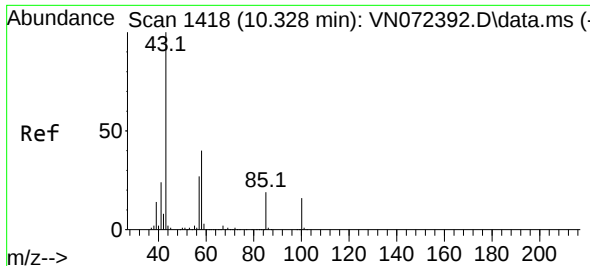
Tgt Ion: 98 Resp: 390407

Ion Ratio Lower Upper

98 100

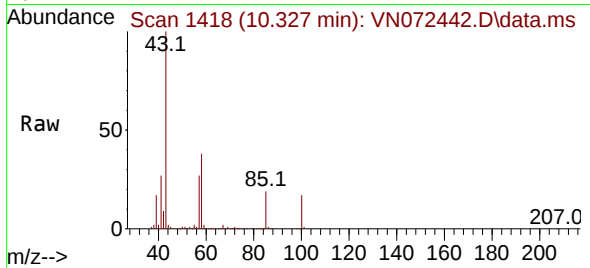
100 64.6 52.6 78.8





#51
4-Methyl-2-Pentanone
Concen: 240.548 ug/l
RT: 10.327 min Scan# 1418
Delta R.T. -0.001 min
Lab File: VN072442.D
Acq: 12 May 2022 10:24

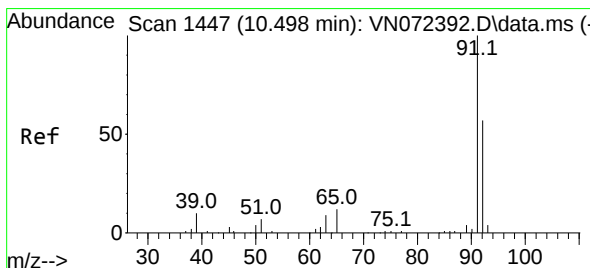
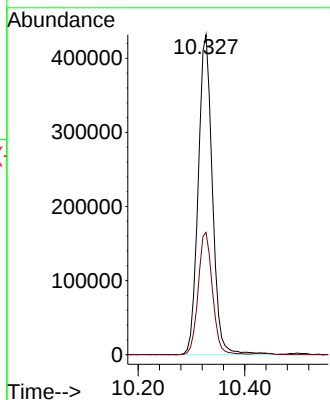
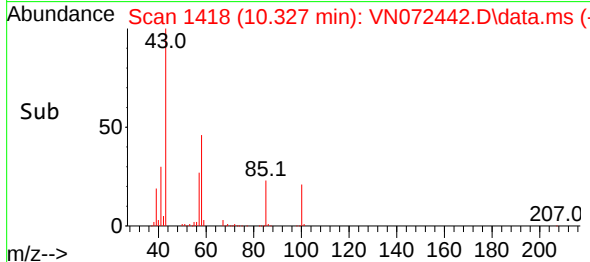
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



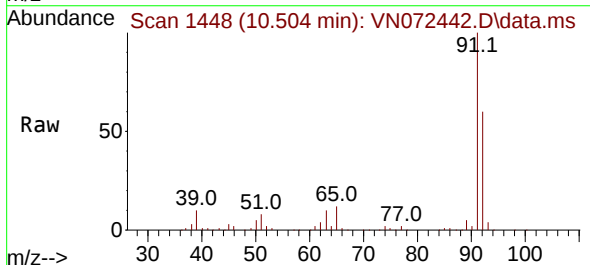
Tgt Ion: 43 Resp: 79656
Ion Ratio Lower Upper
43 100
58 38.4 34.1 51.1

Manual Integrations
APPROVED

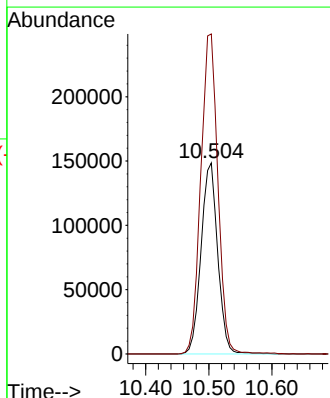
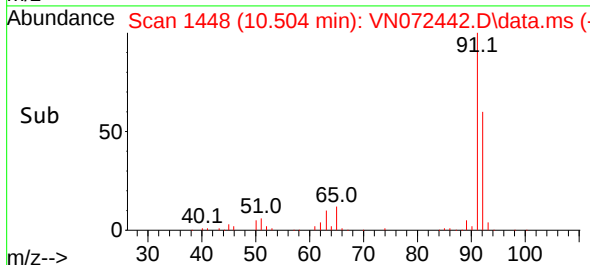
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

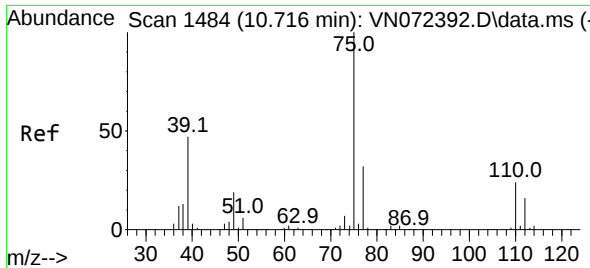


#52
Toluene
Concen: 51.023 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. 0.006 min
Lab File: VN072442.D
Acq: 12 May 2022 10:24



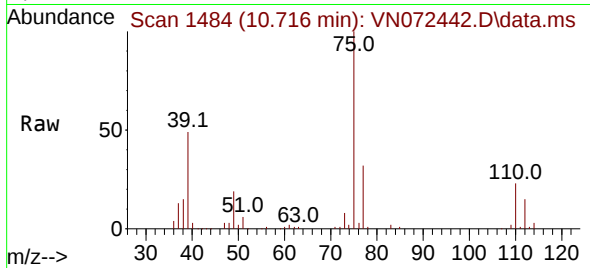
Tgt Ion: 92 Resp: 271972
Ion Ratio Lower Upper
92 100
91 171.6 138.6 207.8





#53
 t-1,3-Dichloropropene
 Concen: 54.088 ug/l
 RT: 10.716 min Scan# 1484
 Delta R.T. -0.000 min
 Lab File: VN072442.D
 Acq: 12 May 2022 10:24

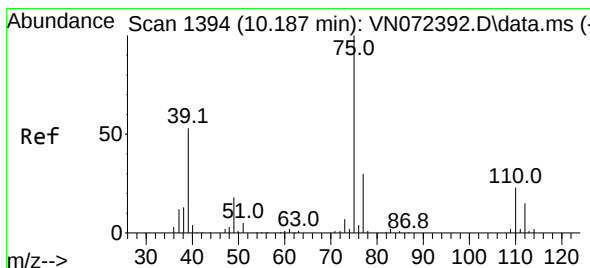
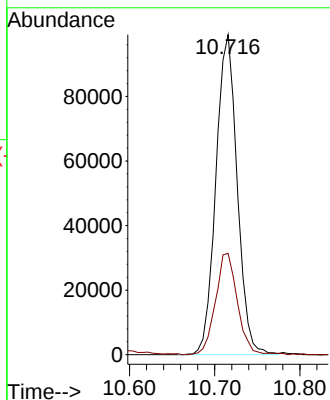
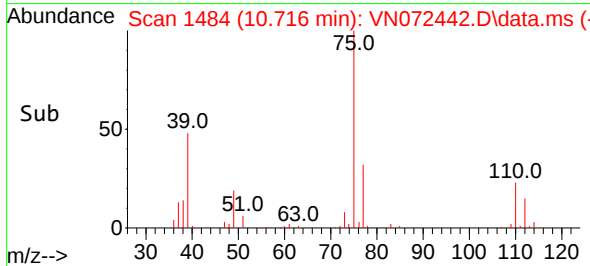
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



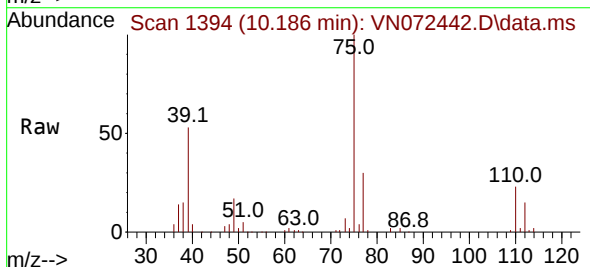
Tgt Ion: 75 Resp: 172534
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.6 38.4

Manual Integrations
 APPROVED

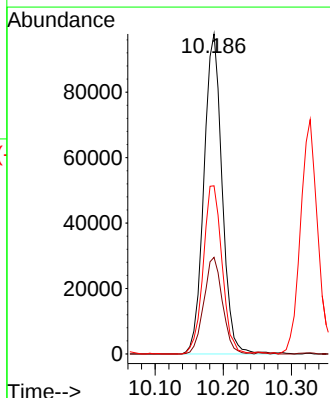
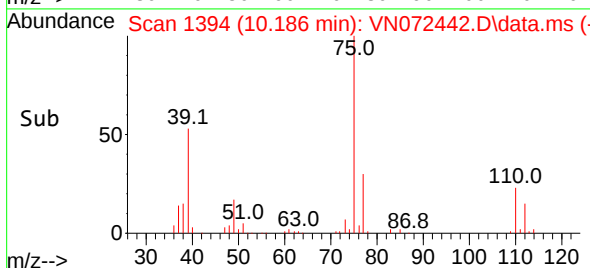
Reviewed By :John Carlone 05/13/2022
 Supervised By :Mahesh Dadoda 05/13/2022

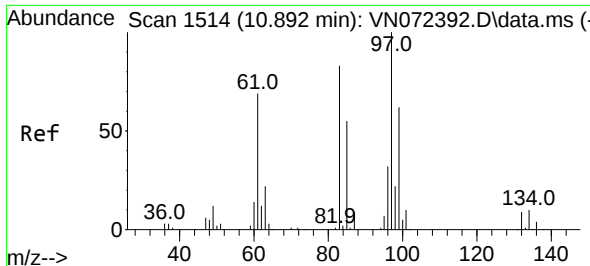


#54
 cis-1,3-Dichloropropene
 Concen: 53.356 ug/l
 RT: 10.186 min Scan# 1394
 Delta R.T. -0.001 min
 Lab File: VN072442.D
 Acq: 12 May 2022 10:24



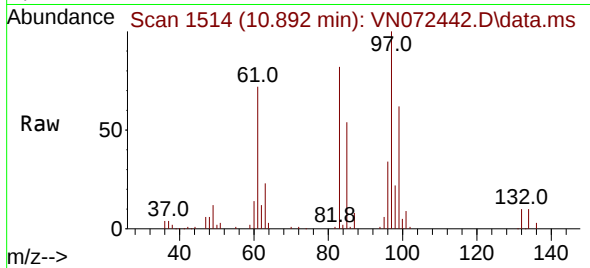
Tgt Ion: 75 Resp: 181588
 Ion Ratio Lower Upper
 75 100
 77 30.2 25.2 37.8
 39 52.6 35.7 53.5





#55
1,1,2-Trichloroethane
Concen: 48.179 ug/l
RT: 10.892 min Scan# 1514
Delta R.T. 0.000 min
Lab File: VN072442.D
Acq: 12 May 2022 10:24

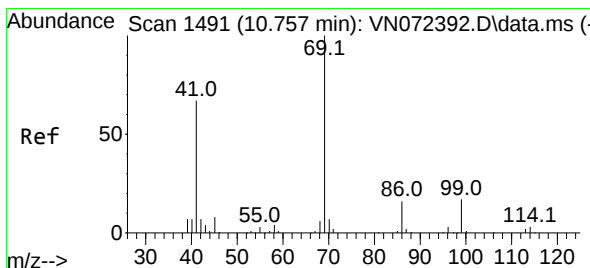
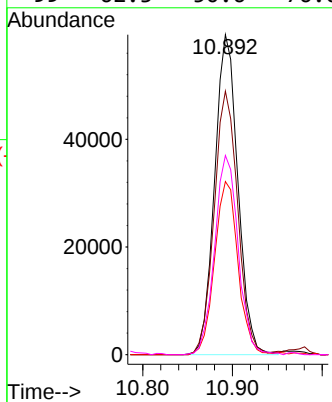
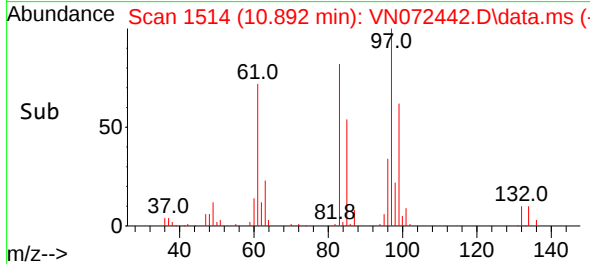
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



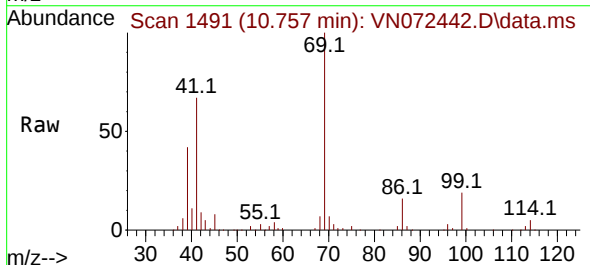
Tgt Ion: 97 Resp: 10698
Ion Ratio Lower Upper
97 100
83 82.4 66.2 99.4
85 54.1 43.9 65.9
99 62.3 50.6 76.0

Manual Integrations
APPROVED

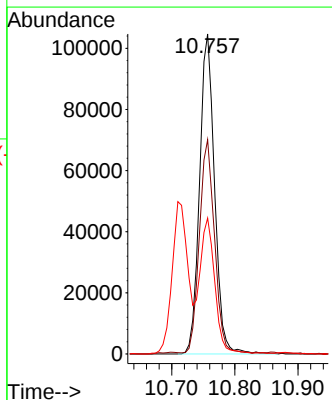
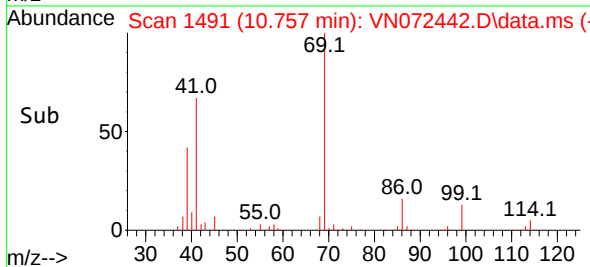
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

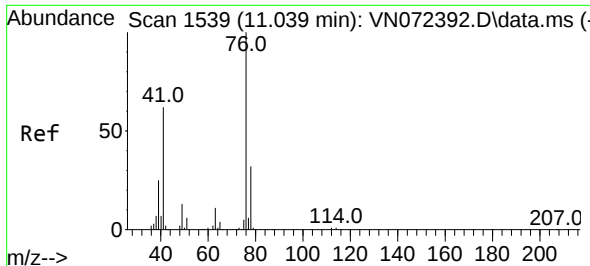


#56
Ethyl methacrylate
Concen: 54.198 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VN072442.D
Acq: 12 May 2022 10:24



Tgt Ion: 69 Resp: 172488
Ion Ratio Lower Upper
69 100
41 67.3 47.8 71.6
39 42.7 27.3 40.9#





#57

1,3-Dichloropropane

Concen: 49.955 ug/l

RT: 11.039 min Scan# 1539

Delta R.T. 0.000 min

Lab File: VN072442.D

Acq: 12 May 2022 10:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 188890

Ion Ratio Lower Upper

76 100

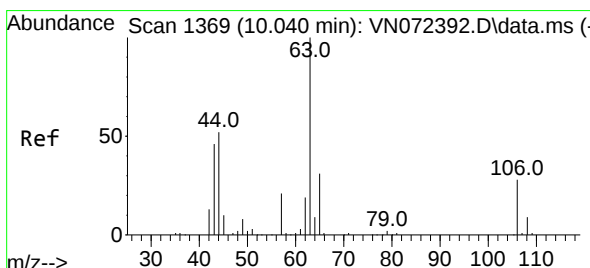
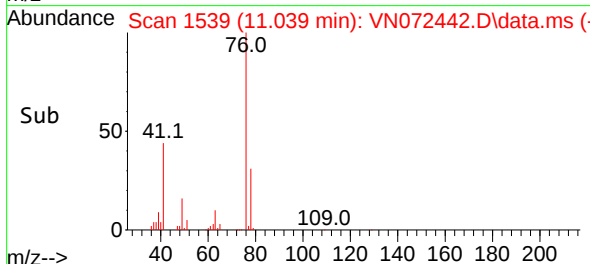
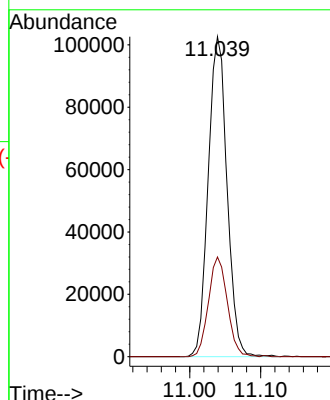
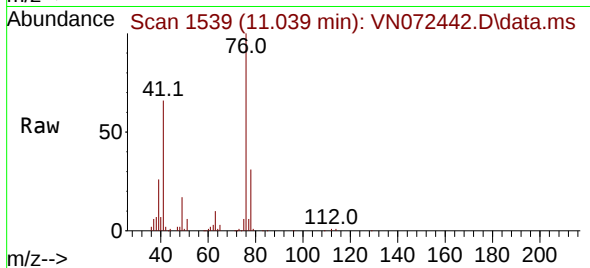
78 31.2 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2022

Supervised By :Mahesh Dadoda 05/13/2022



#58

2-Chloroethyl Vinyl ether

Concen: 288.862 ug/l

RT: 10.033 min Scan# 1368

Delta R.T. -0.007 min

Lab File: VN072442.D

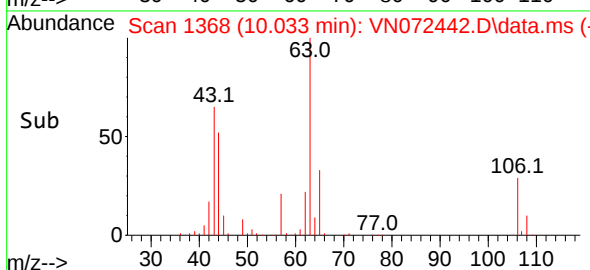
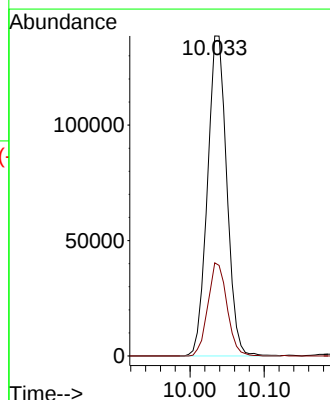
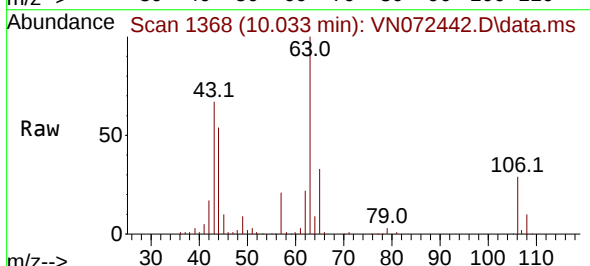
Acq: 12 May 2022 10:24

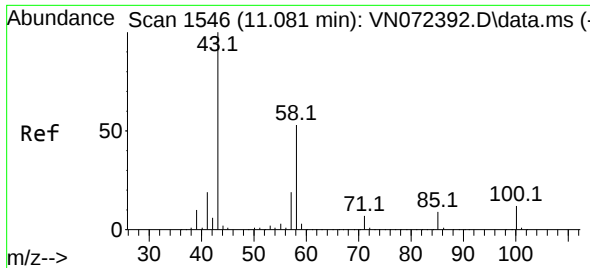
Tgt Ion: 63 Resp: 251009

Ion Ratio Lower Upper

63 100

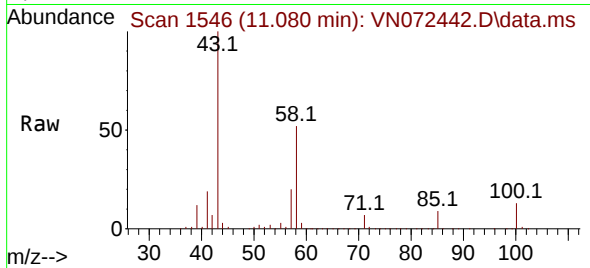
106 28.8 24.6 36.8





#59
2-Hexanone
Concen: 244.176 ug/l
RT: 11.080 min Scan# 1546
Delta R.T. -0.001 min
Lab File: VN072442.D
Acq: 12 May 2022 10:24

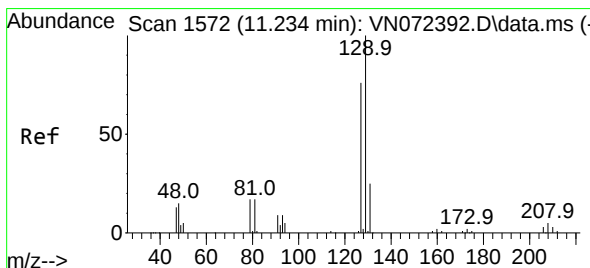
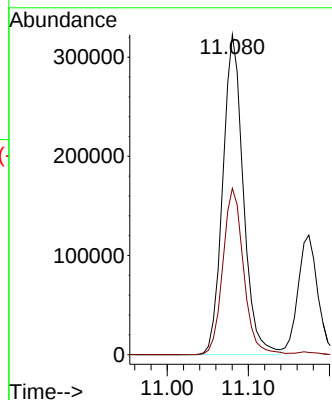
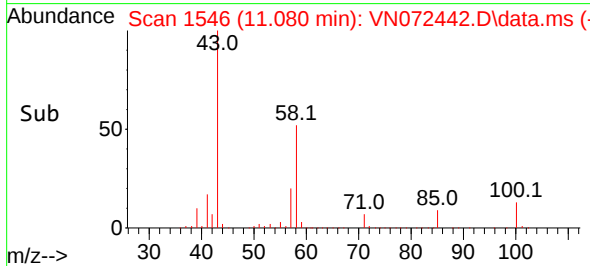
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 566959
Ion Ratio Lower Upper
43 100
58 52.7 29.7 89.1

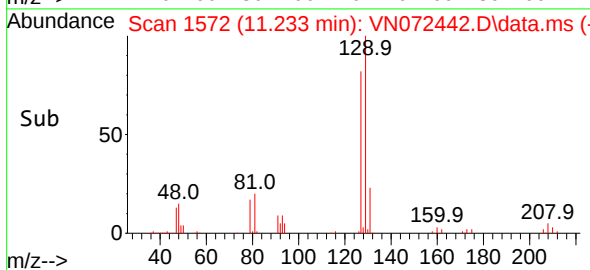
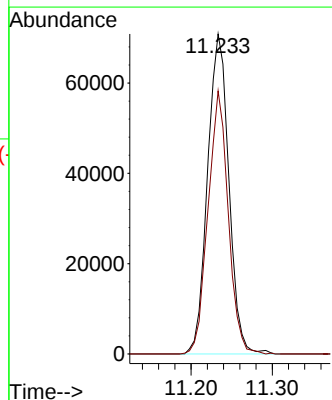
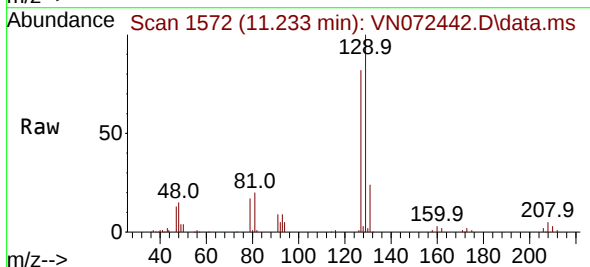
Manual Integrations
APPROVED

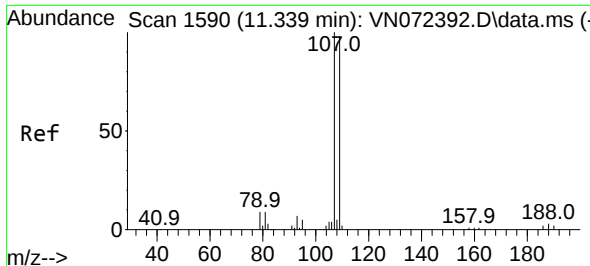
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#60
Dibromochloromethane
Concen: 54.632 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. -0.001 min
Lab File: VN072442.D
Acq: 12 May 2022 10:24

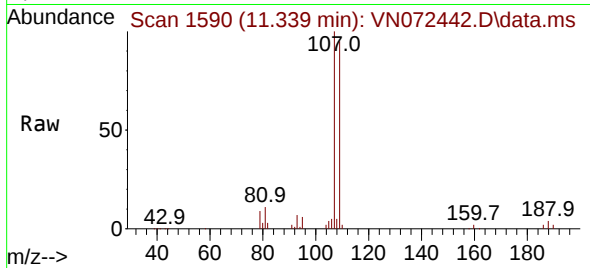
Tgt Ion:129 Resp: 128871
Ion Ratio Lower Upper
129 100
127 78.1 38.8 116.4





#61
1,2-Dibromoethane
Concen: 50.575 ug/l
RT: 11.339 min Scan# 111924
Delta R.T. 0.000 min
Lab File: VN072442.D
Acq: 12 May 2022 10:24

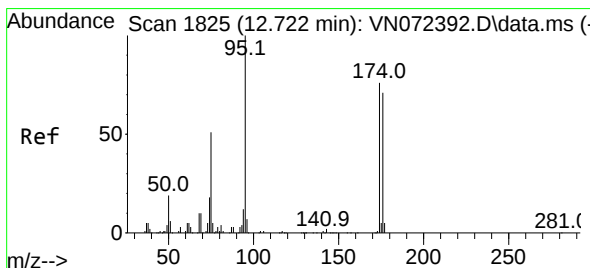
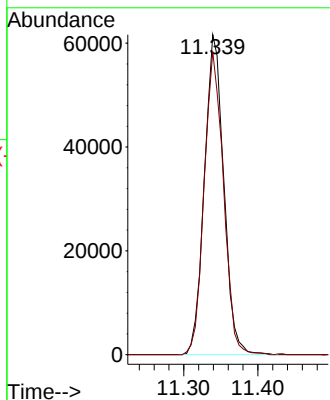
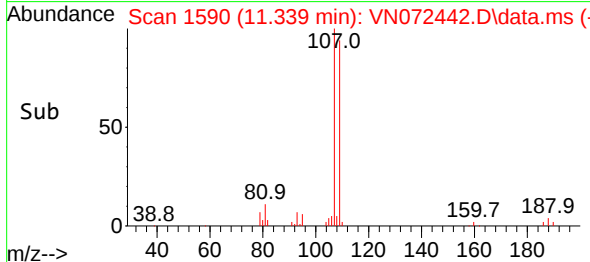
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



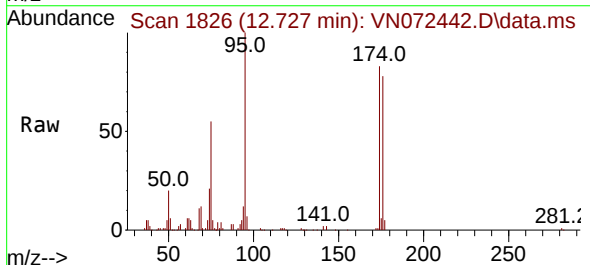
Tgt Ion:107 Resp: 111924
Ion Ratio Lower Upper
107 100
109 94.4 75.0 112.6

Manual Integrations
APPROVED

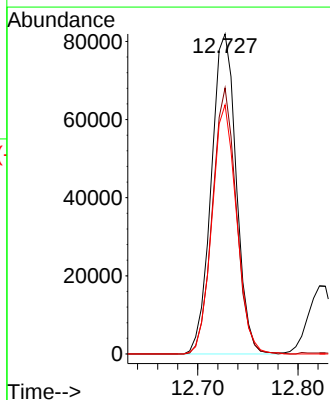
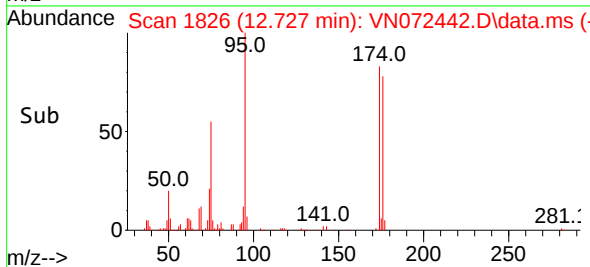
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

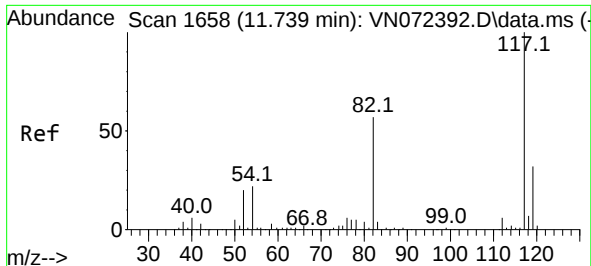


#62
4-Bromofluorobenzene
Concen: 55.582 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.005 min
Lab File: VN072442.D
Acq: 12 May 2022 10:24



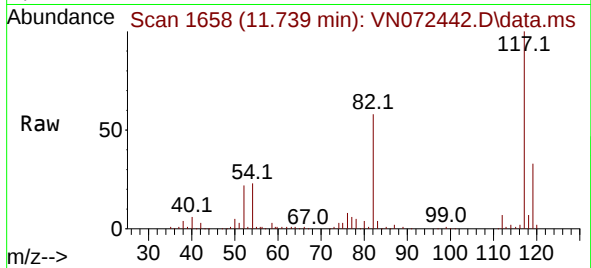
Tgt Ion: 95 Resp: 141640
Ion Ratio Lower Upper
95 100
174 79.1 0.0 167.6
176 76.7 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN072442.D
Acq: 12 May 2022 10:24

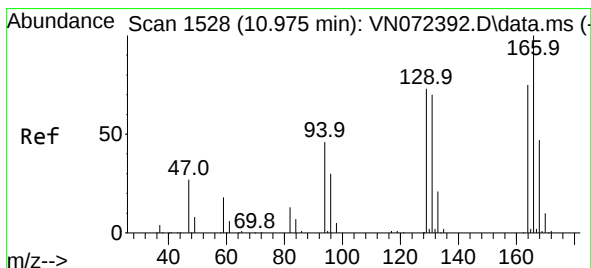
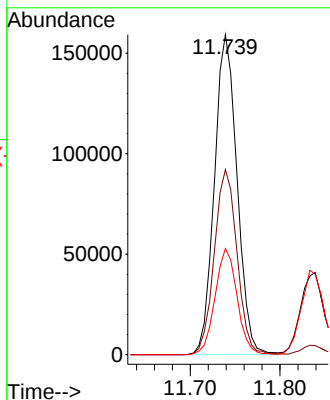
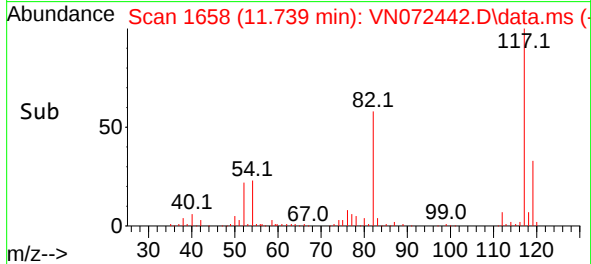
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 27936
Ion Ratio Lower Upper
117 100
82 57.8 44.2 66.2
119 33.1 25.4 38.0

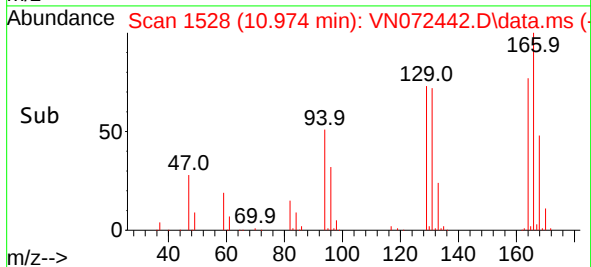
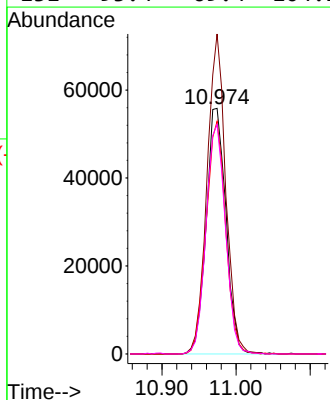
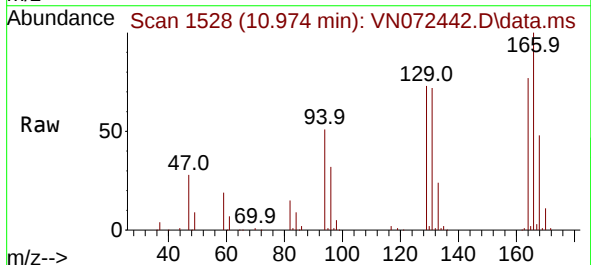
Manual Integrations
APPROVED

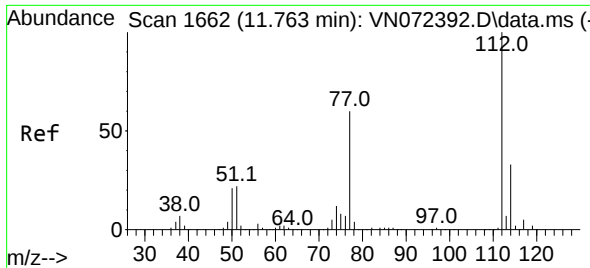
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#64
Tetrachloroethene
Concen: 51.454 ug/l
RT: 10.974 min Scan# 1528
Delta R.T. -0.001 min
Lab File: VN072442.D
Acq: 12 May 2022 10:24

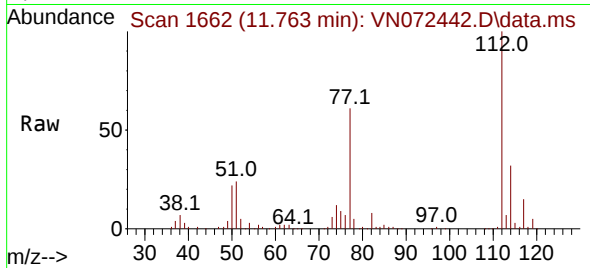
Tgt Ion:164 Resp: 103465
Ion Ratio Lower Upper
164 100
166 130.3 104.2 156.2
129 94.7 73.9 110.9
131 93.4 69.4 104.2





#65
Chlorobenzene
Concen: 51.043 ug/l
RT: 11.763 min Scan# 1662
Delta R.T. -0.000 min
Lab File: VN072442.D
Acq: 12 May 2022 10:24

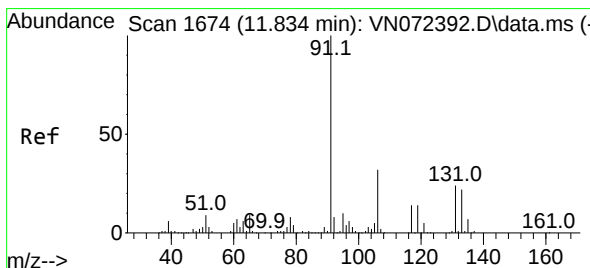
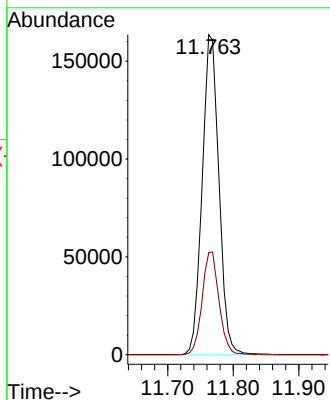
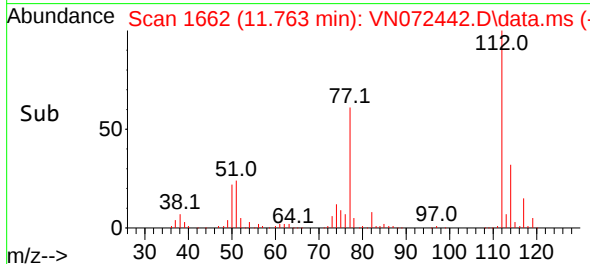
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



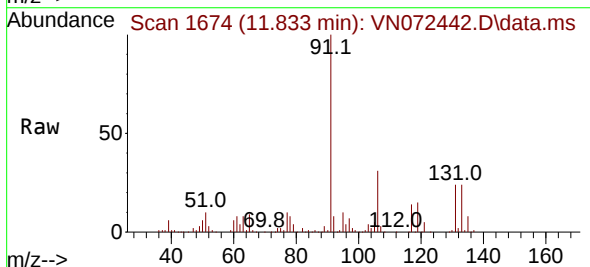
Tgt Ion:112 Resp: 29133
Ion Ratio Lower Upper
112 100
114 31.9 25.4 38.2

Manual Integrations
APPROVED

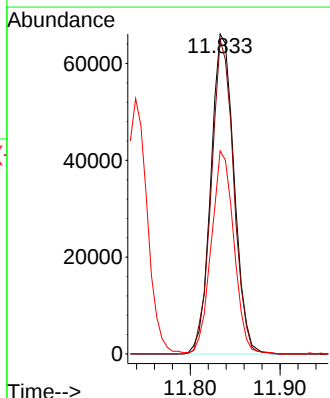
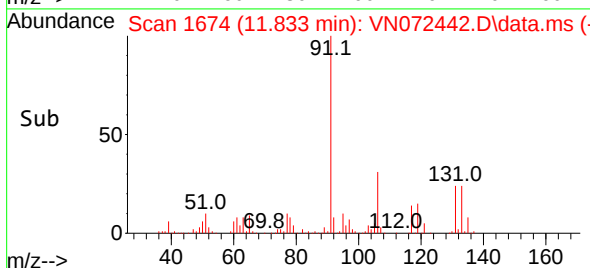
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

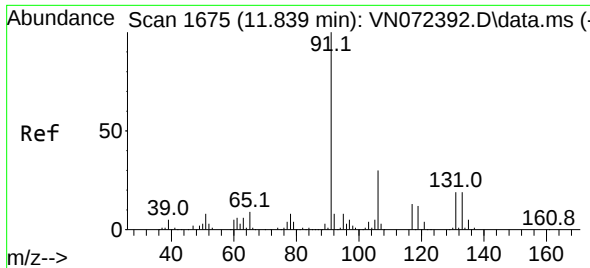


#66
1,1,1,2-Tetrachloroethane
Concen: 52.078 ug/l
RT: 11.833 min Scan# 1674
Delta R.T. -0.001 min
Lab File: VN072442.D
Acq: 12 May 2022 10:24



Tgt Ion:131 Resp: 118972
Ion Ratio Lower Upper
131 100
133 94.8 47.8 143.4
119 61.7 33.4 100.2





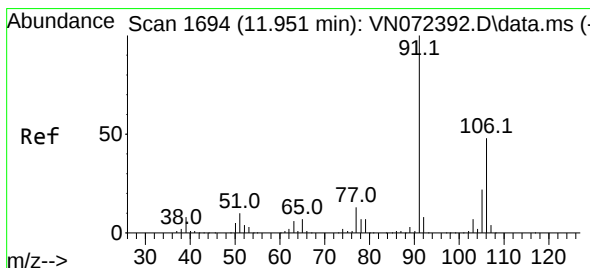
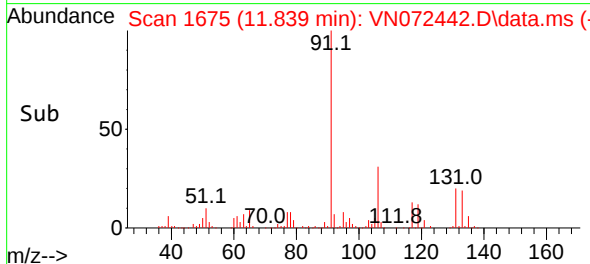
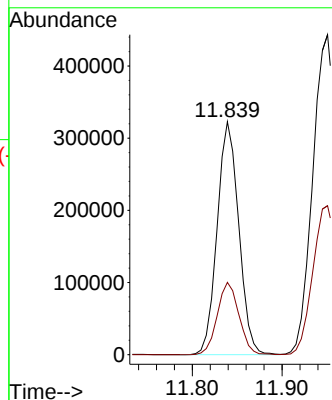
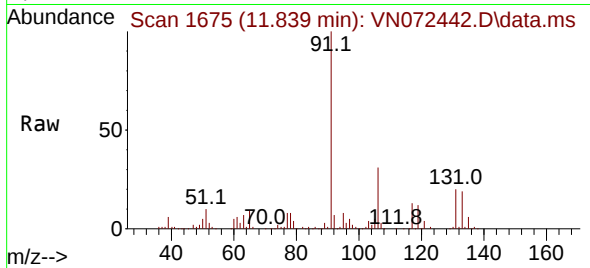
#67
Ethyl Benzene
Concen: 54.725 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN072442.D
Acq: 12 May 2022 10:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 53891
Ion Ratio Lower Upper
91 100
106 31.0 24.9 37.3

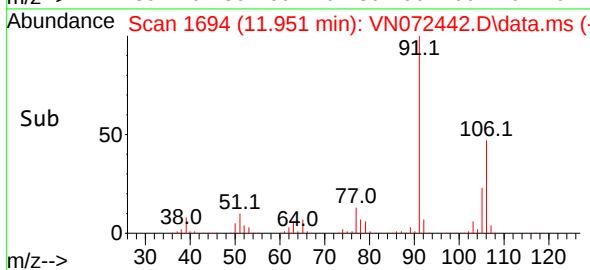
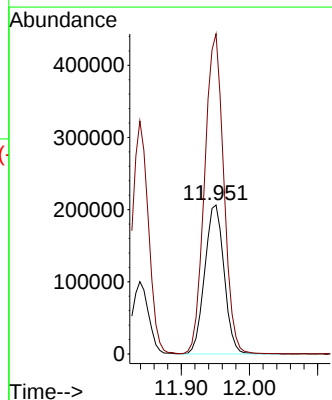
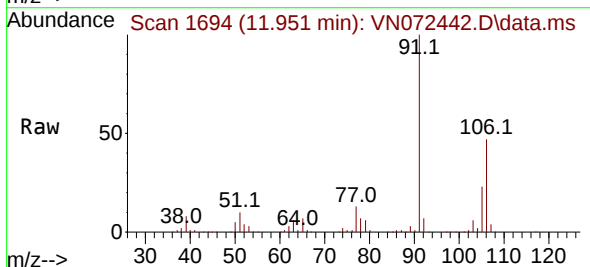
Manual Integrations
APPROVED

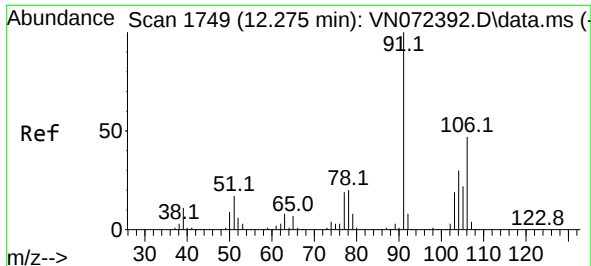
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#68
m/p-Xylenes
Concen: 109.238 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. -0.000 min
Lab File: VN072442.D
Acq: 12 May 2022 10:24

Tgt Ion:106 Resp: 407997
Ion Ratio Lower Upper
106 100
91 212.2 158.9 238.3





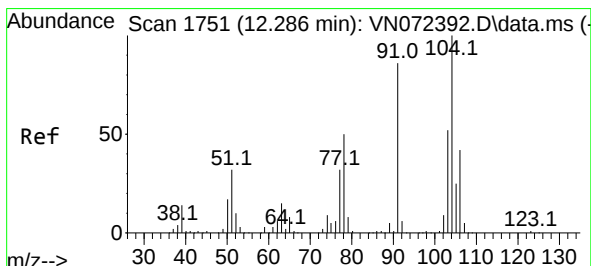
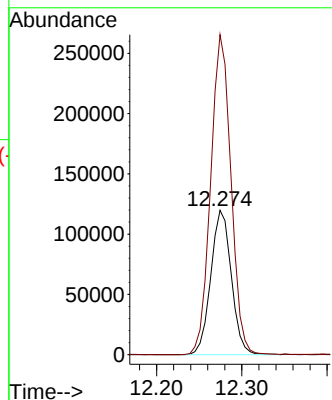
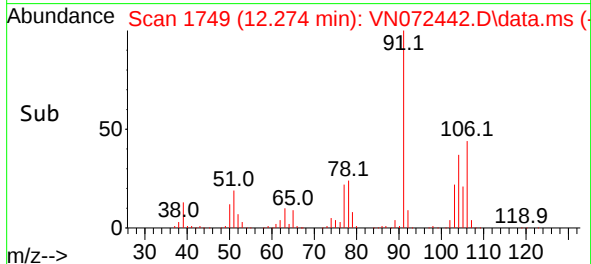
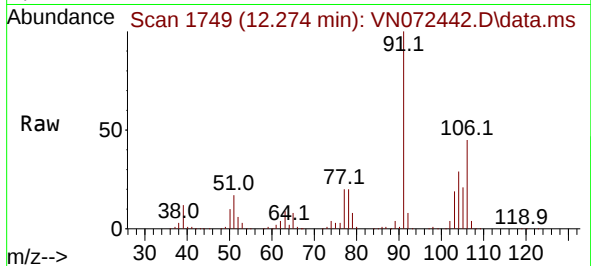
#69
o-Xylene
Concen: 54.667 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. -0.001 min
Lab File: VN072442.D
Acq: 12 May 2022 10:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 20061
Ion Ratio Lower Upper
106 100
91 219.3 106.0 318.0

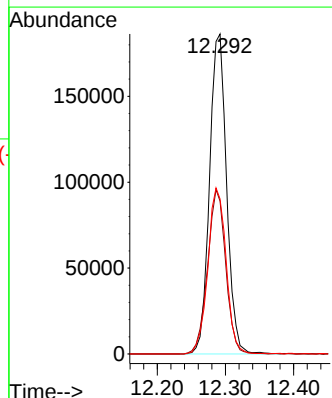
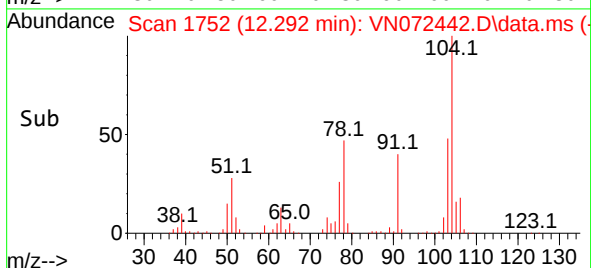
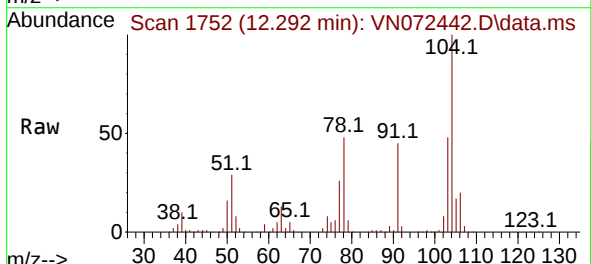
Manual Integrations
APPROVED

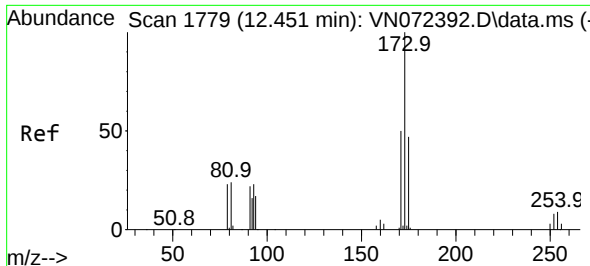
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#70
Styrene
Concen: 57.875 ug/l
RT: 12.292 min Scan# 1752
Delta R.T. 0.006 min
Lab File: VN072442.D
Acq: 12 May 2022 10:24

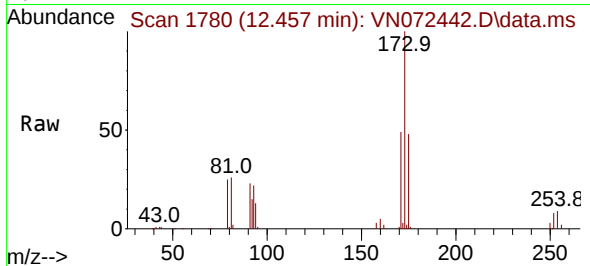
Tgt Ion:104 Resp: 324909
Ion Ratio Lower Upper
104 100
78 54.6 39.5 59.3
103 55.5 44.0 66.0





#71
Bromoform
Concen: 55.060 ug/l
RT: 12.457 min Scan# 1779
Delta R.T. 0.006 min
Lab File: VN072442.D
Acq: 12 May 2022 10:24

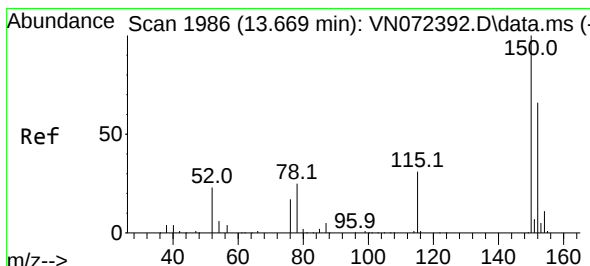
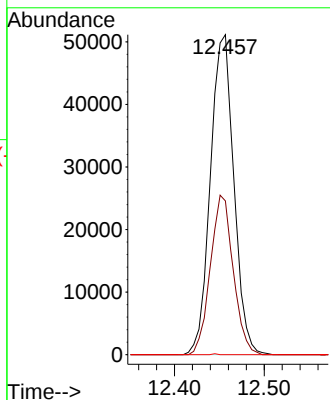
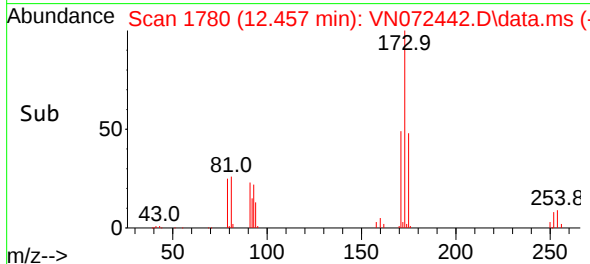
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:173 Resp: 92780
Ion Ratio Lower Upper
173 100
175 48.5 24.6 73.6
254 0.1 0.1 0.1

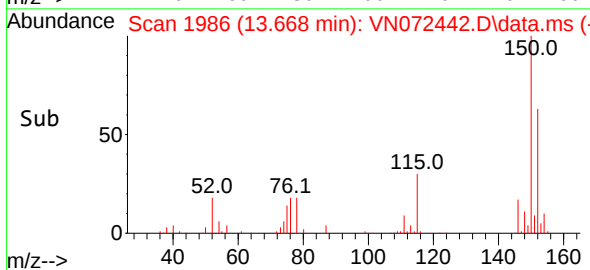
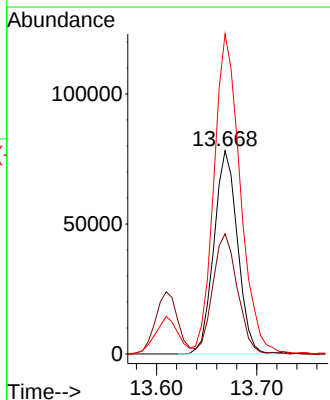
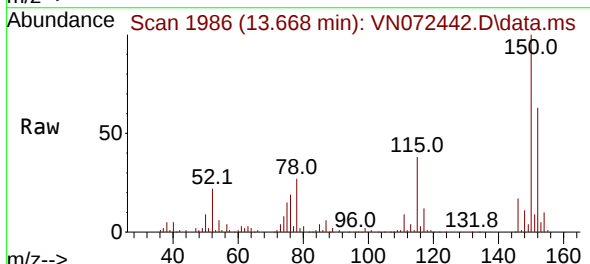
Manual Integrations
APPROVED

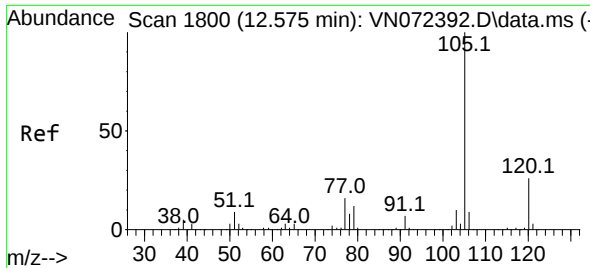
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.001 min
Lab File: VN072442.D
Acq: 12 May 2022 10:24

Tgt Ion:152 Resp: 127650
Ion Ratio Lower Upper
152 100
115 62.0 28.9 86.7
150 176.2 0.0 356.2





#73
Isopropylbenzene
Concen: 50.994 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. -0.001 min
Lab File: VN072442.D
Acq: 12 May 2022 10:24

Instrument :

MSVOA_N

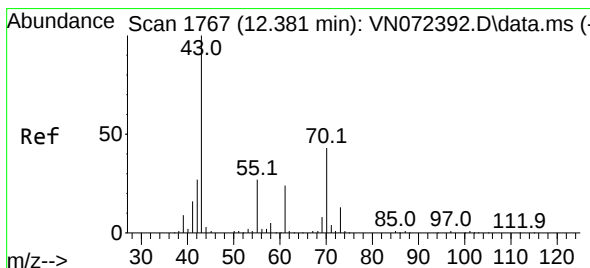
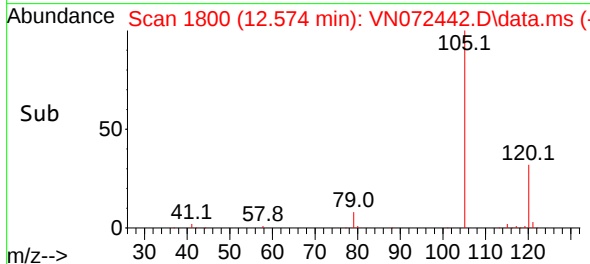
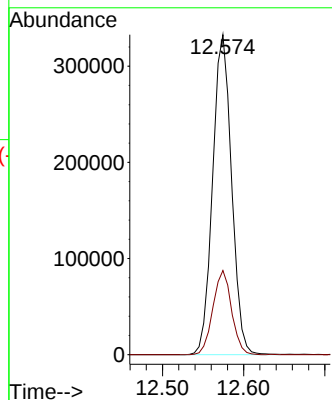
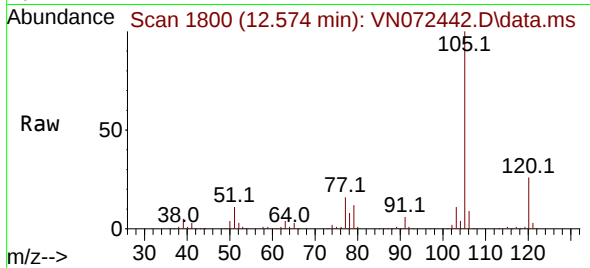
ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 53925
Ion Ratio Lower Upper
105 100
120 25.8 13.5 40.4

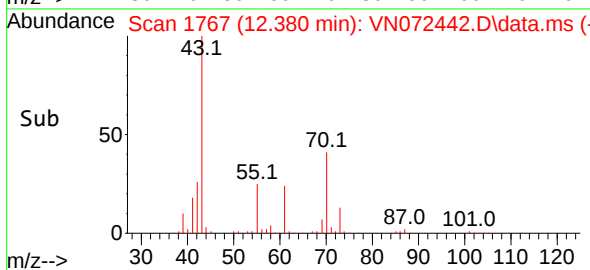
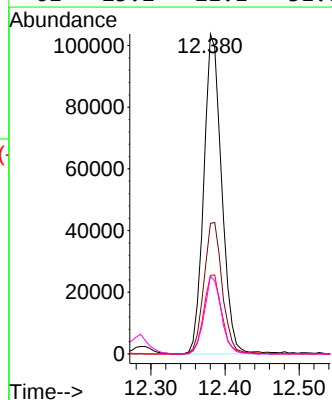
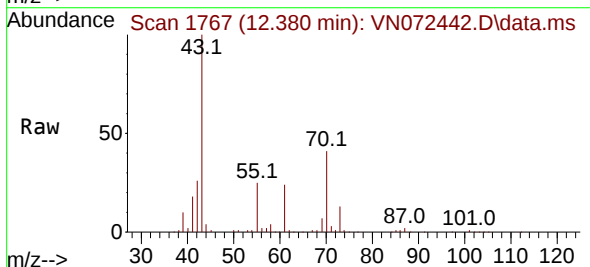
Manual Integrations
APPROVED

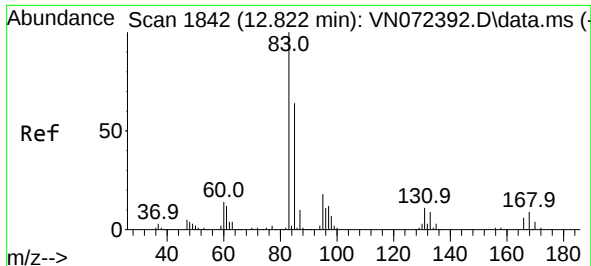
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#74
N-ethyl acetate
Concen: 46.739 ug/l
RT: 12.380 min Scan# 1767
Delta R.T. -0.001 min
Lab File: VN072442.D
Acq: 12 May 2022 10:24

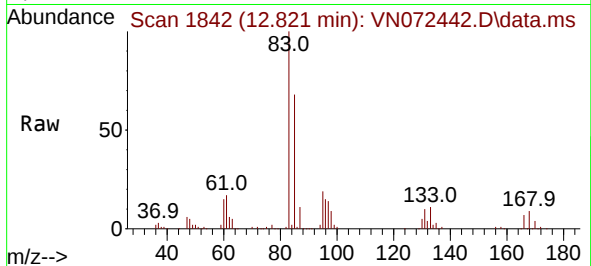
Tgt Ion: 43 Resp: 174705
Ion Ratio Lower Upper
43 100
70 41.9 39.0 58.4
55 24.6 21.1 31.7
61 23.2 21.1 31.7





#75
1,1,2,2-Tetrachloroethane
Concen: 41.307 ug/l
RT: 12.821 min Scan# 1842
Delta R.T. -0.001 min
Lab File: VN072442.D
Acq: 12 May 2022 10:24

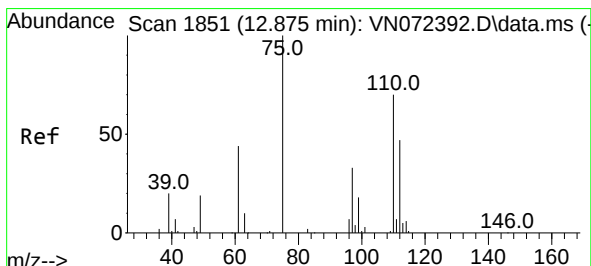
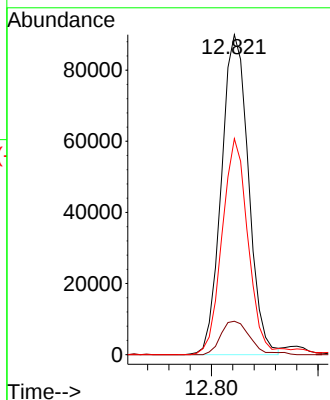
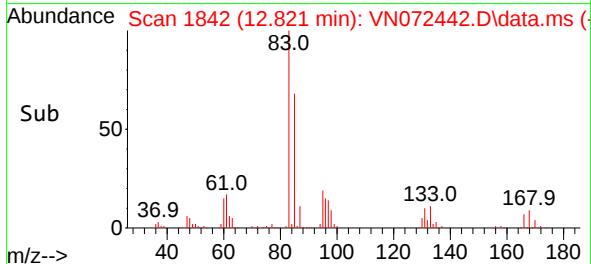
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



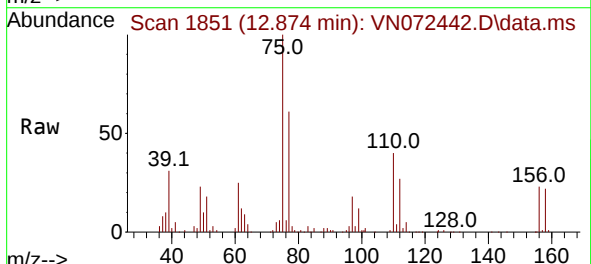
Tgt Ion: 83 Resp: 158584
Ion Ratio Lower Upper
83 100
131 11.3 5.3 15.9
85 66.3 32.3 96.9

Manual Integrations
APPROVED

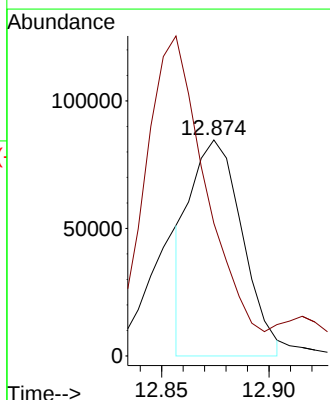
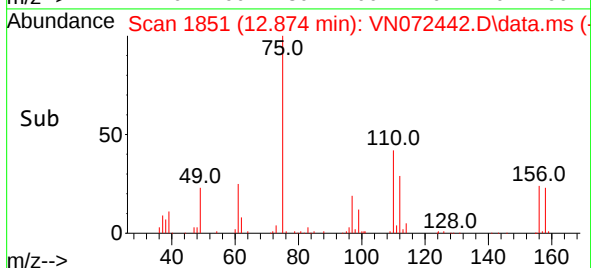
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

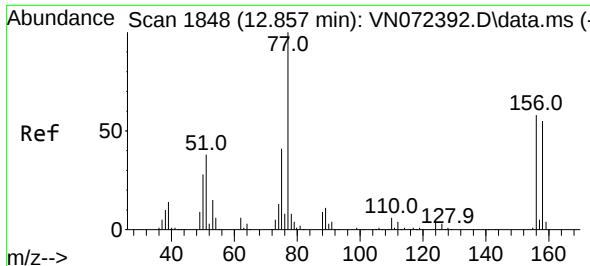


#76
1,2,3-Trichloropropane
Concen: 42.881 ug/l m
RT: 12.874 min Scan# 1851
Delta R.T. -0.001 min
Lab File: VN072442.D
Acq: 12 May 2022 10:24



Tgt Ion: 75 Resp: 142768
Ion Ratio Lower Upper
75 100
77 179.0 98.5 295.5





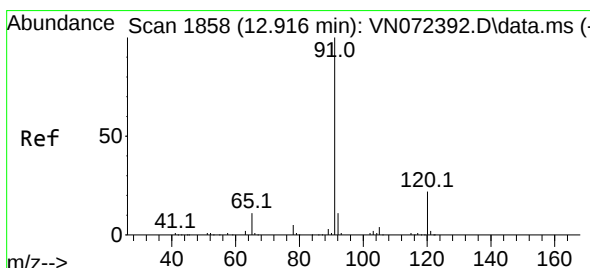
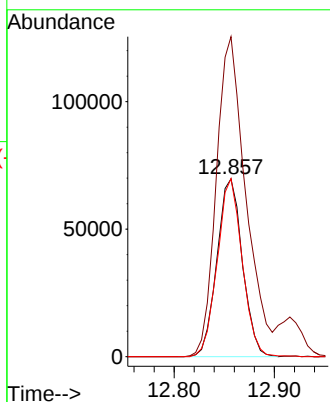
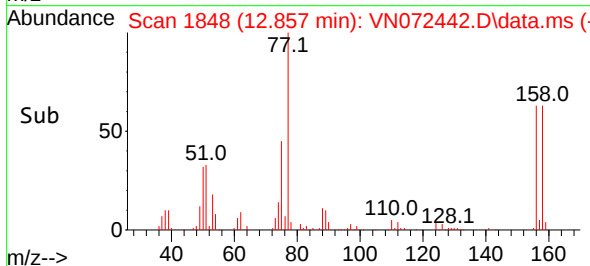
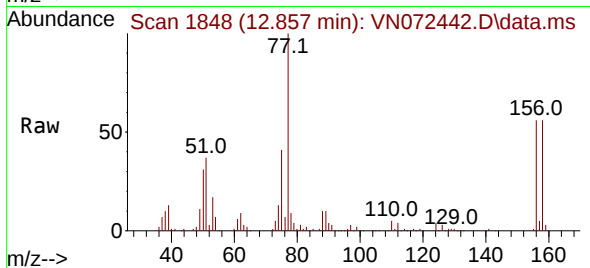
#77
Bromobenzene
Concen: 48.414 ug/l
RT: 12.857 min Scan# 1848
Delta R.T. -0.000 min
Lab File: VN072442.D
Acq: 12 May 2022 10:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:156 Resp: 12248
Ion Ratio Lower Upper
156 100
77 208.6 100.5 301.5
158 98.3 48.9 146.6

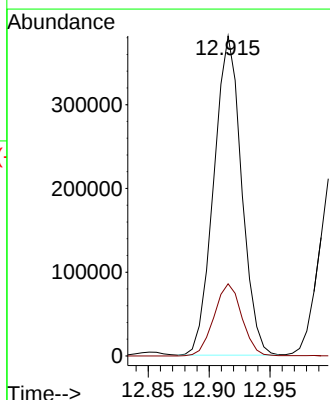
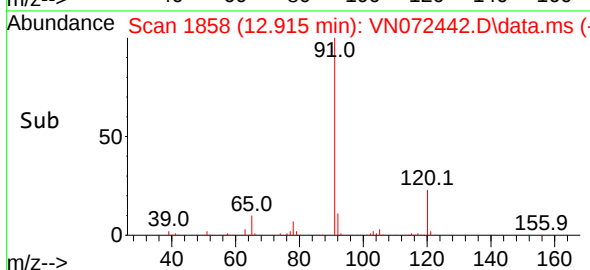
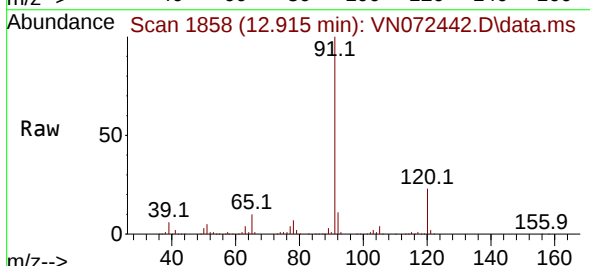
Manual Integrations
APPROVED

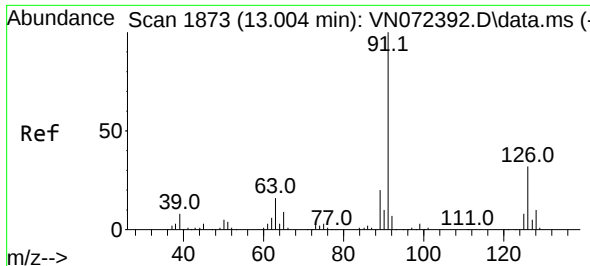
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#78
n-propylbenzene
Concen: 53.449 ug/l
RT: 12.915 min Scan# 1858
Delta R.T. -0.001 min
Lab File: VN072442.D
Acq: 12 May 2022 10:24

Tgt Ion: 91 Resp: 604823
Ion Ratio Lower Upper
91 100
120 22.8 11.9 35.5





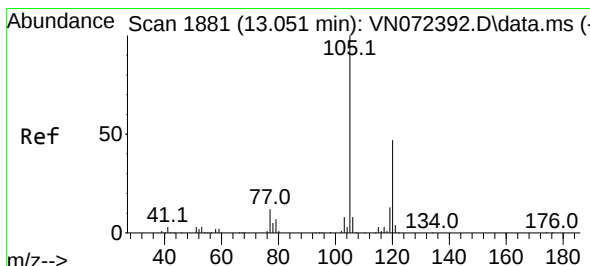
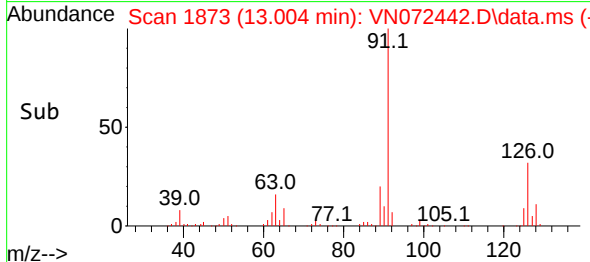
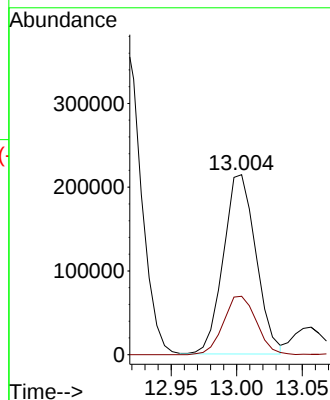
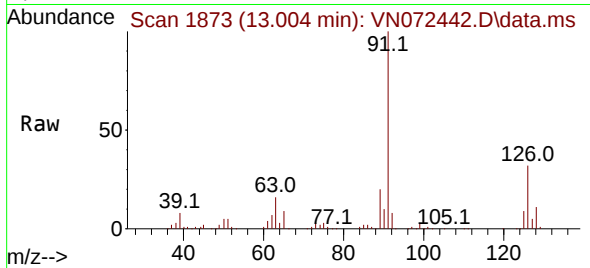
#79
2-Chlorotoluene
Concen: 49.885 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN072442.D
Acq: 12 May 2022 10:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 370839
Ion Ratio Lower Upper
91 100
126 33.1 17.3 51.9

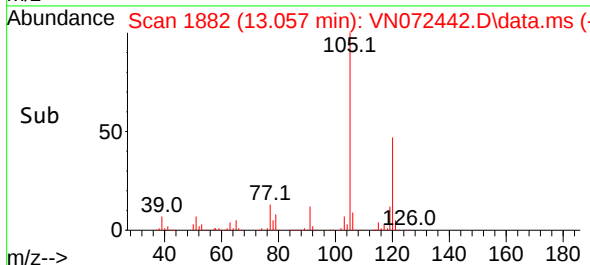
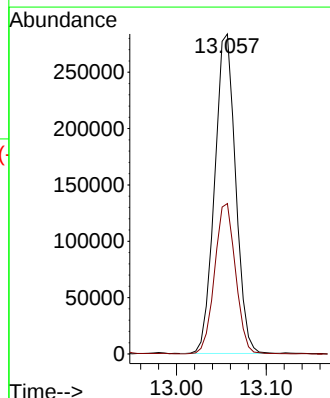
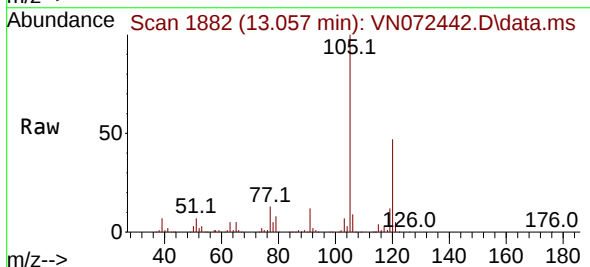
Manual Integrations
APPROVED

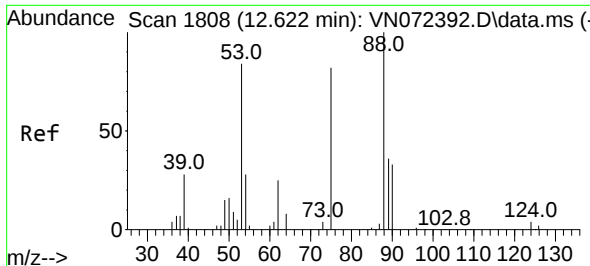
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#80
1,3,5-Trimethylbenzene
Concen: 53.114 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. 0.006 min
Lab File: VN072442.D
Acq: 12 May 2022 10:24

Tgt Ion:105 Resp: 460010
Ion Ratio Lower Upper
105 100
120 47.0 24.9 74.7





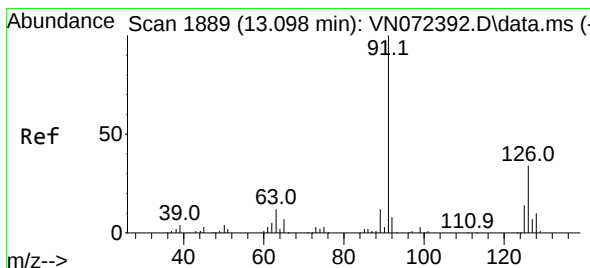
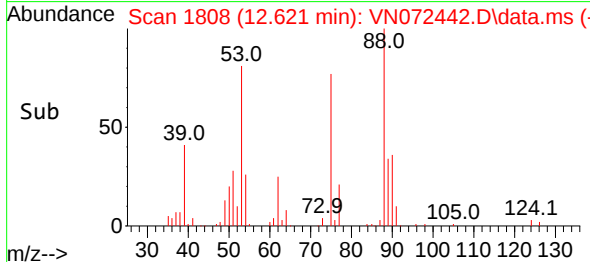
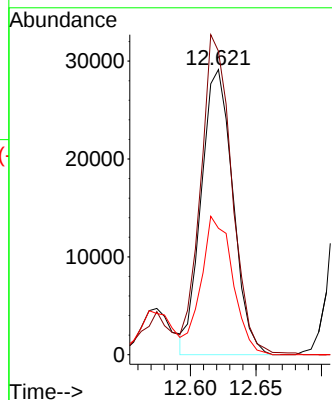
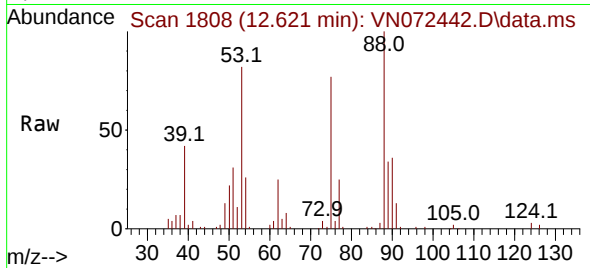
#81
trans-1,4-Dichloro-2-butene
Concen: 49.016 ug/l
RT: 12.621 min Scan# 1808
Delta R.T. -0.001 min
Lab File: VN072442.D
Acq: 12 May 2022 10:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 48918
Ion Ratio Lower Upper
75 100
53 110.6 78.0 117.0
89 48.8 37.2 55.8

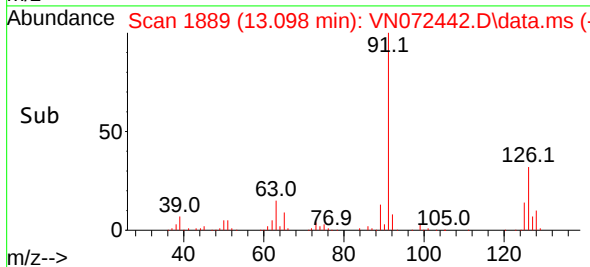
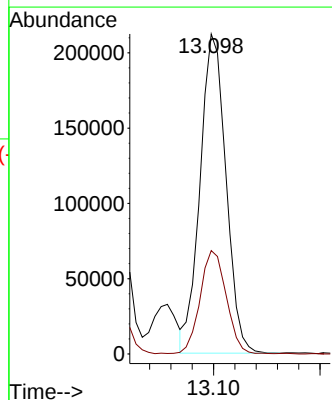
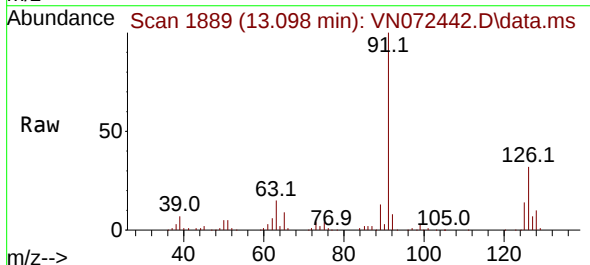
Manual Integrations
APPROVED

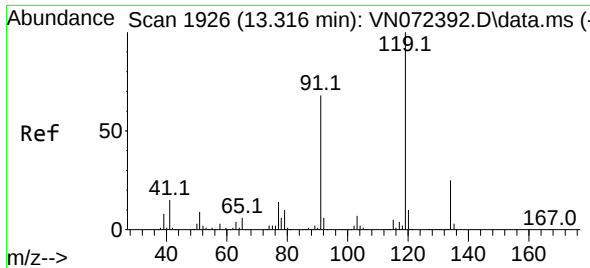
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#82
4-Chlorotoluene
Concen: 50.892 ug/l
RT: 13.098 min Scan# 1889
Delta R.T. -0.000 min
Lab File: VN072442.D
Acq: 12 May 2022 10:24

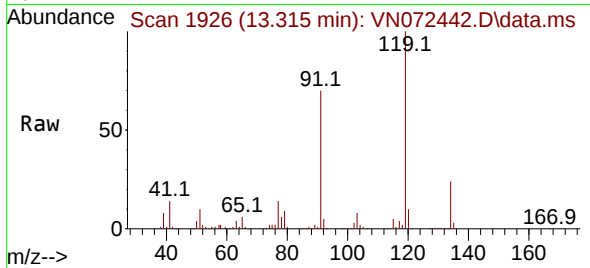
Tgt Ion: 91 Resp: 358537
Ion Ratio Lower Upper
91 100
126 32.5 17.2 51.6





#83
tert-Butylbenzene
Concen: 53.525 ug/l
RT: 13.315 min Scan# 1926
Delta R.T. -0.001 min
Lab File: VN072442.D
Acq: 12 May 2022 10:24

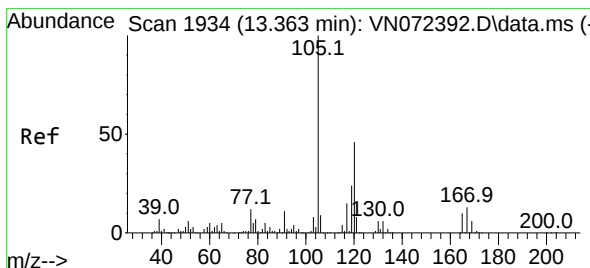
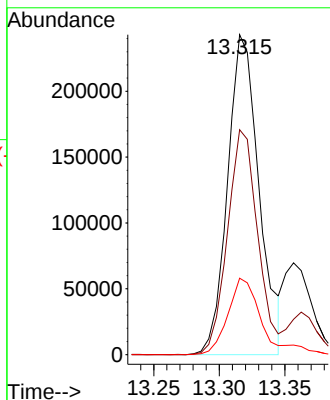
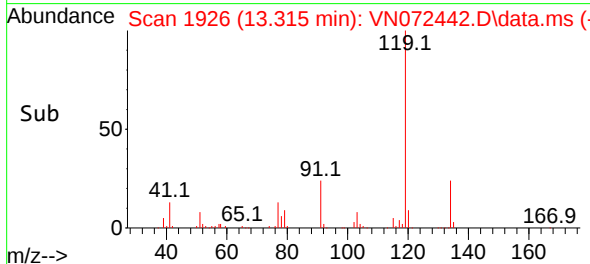
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



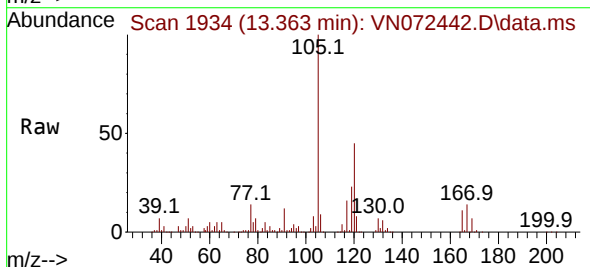
Tgt Ion:119 Resp: 405820
Ion Ratio Lower Upper
119 100
91 67.7 31.6 94.8
134 25.7 13.7 41.1

Manual Integrations
APPROVED

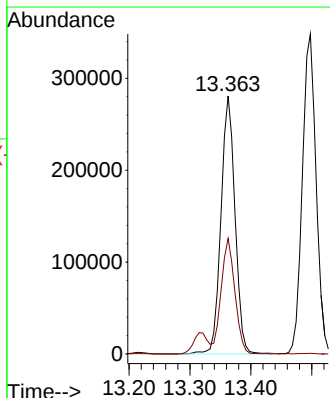
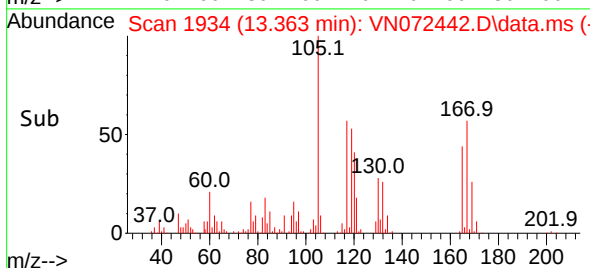
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

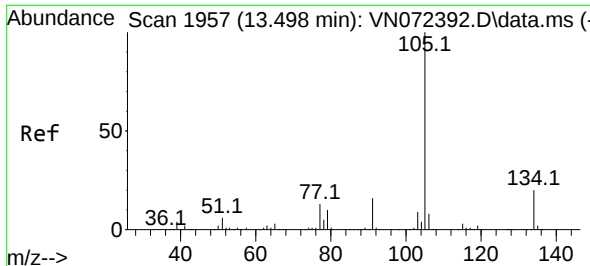


#84
1,2,4-Trimethylbenzene
Concen: 53.488 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN072442.D
Acq: 12 May 2022 10:24



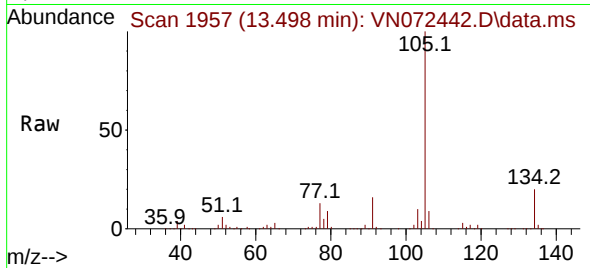
Tgt Ion:105 Resp: 450642
Ion Ratio Lower Upper
105 100
120 43.9 23.3 69.8





#85
 sec-Butylbenzene
 Concen: 54.010 ug/l
 RT: 13.498 min Scan# 1957
 Delta R.T. -0.000 min
 Lab File: VN072442.D
 Acq: 12 May 2022 10:24

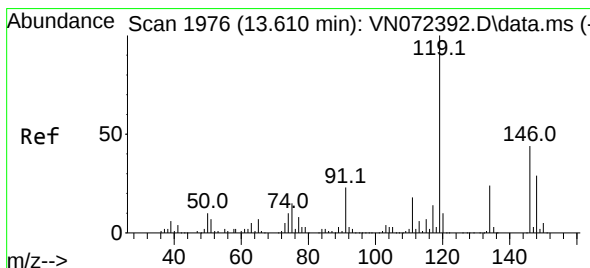
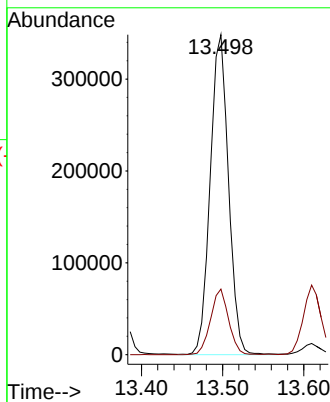
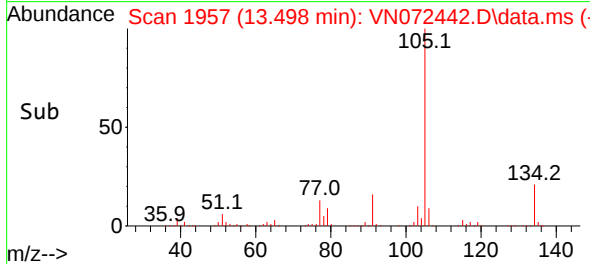
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



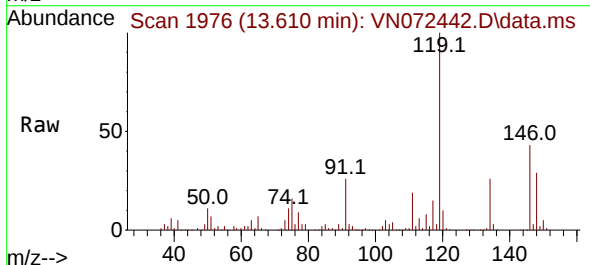
Tgt Ion:105 Resp: 54613
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.4 31.1

Manual Integrations
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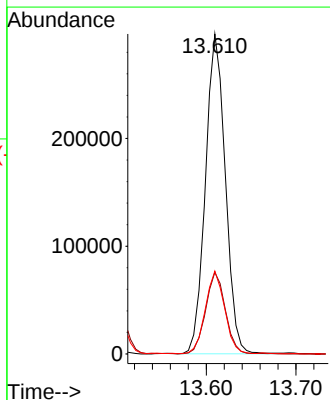
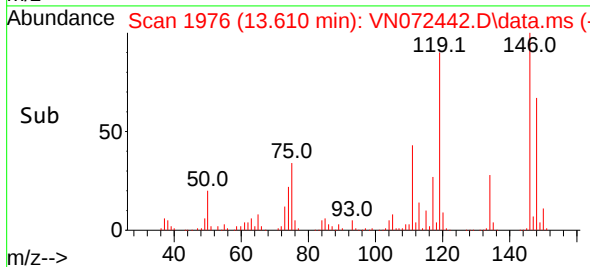
Reviewed By :John Carlone 05/13/2022
 Supervised By :Mahesh Dadoda 05/13/2022

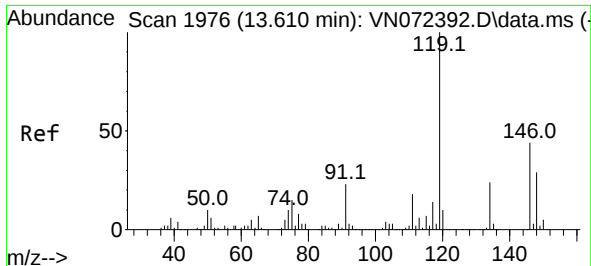


#86
 p-Isopropyltoluene
 Concen: 58.029 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. -0.000 min
 Lab File: VN072442.D
 Acq: 12 May 2022 10:24



Tgt Ion:119 Resp: 457066
 Ion Ratio Lower Upper
 119 100
 134 25.4 13.3 39.8
 91 24.9 11.3 33.9





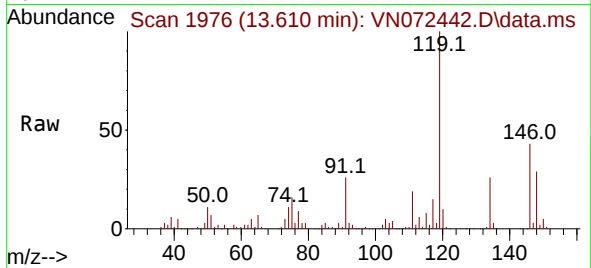
#87
 1,3-Dichlorobenzene
 Concen: 50.907 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. -0.000 min
 Lab File: VN072442.D
 Acq: 12 May 2022 10:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



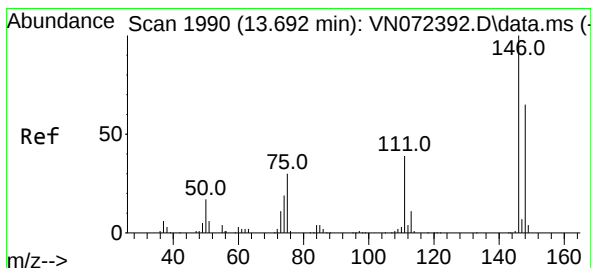
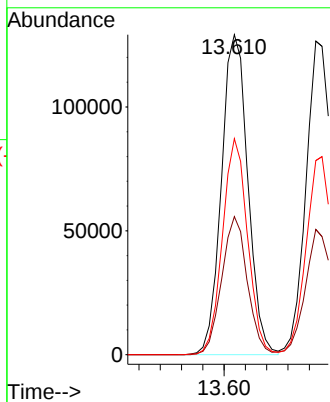
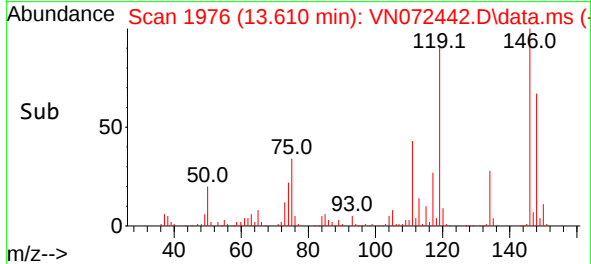
Tgt Ion:146 Resp: 222119
 Ion Ratio Lower Upper
 146 100
 111 41.8 20.0 60.0
 148 64.3 32.0 96.0

Manual Integrations

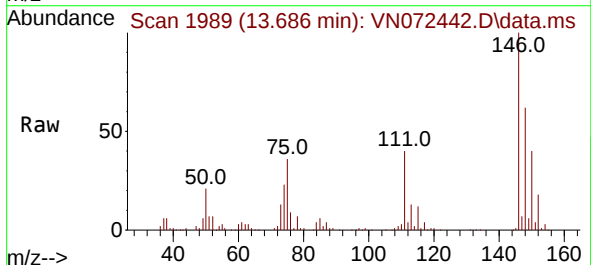
APPROVED

Reviewed By :John Carlone 05/13/2022

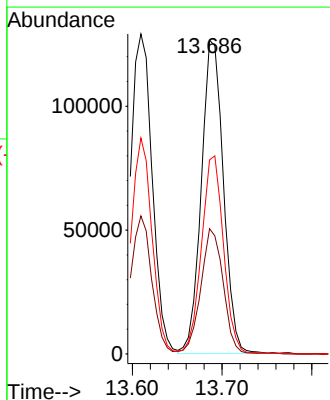
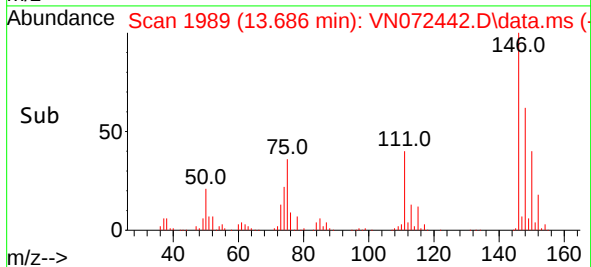
Supervised By :Mahesh Dadoda 05/13/2022

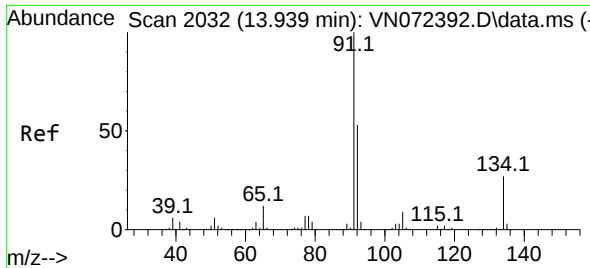


#88
 1,4-Dichlorobenzene
 Concen: 49.860 ug/l
 RT: 13.686 min Scan# 1989
 Delta R.T. -0.006 min
 Lab File: VN072442.D
 Acq: 12 May 2022 10:24



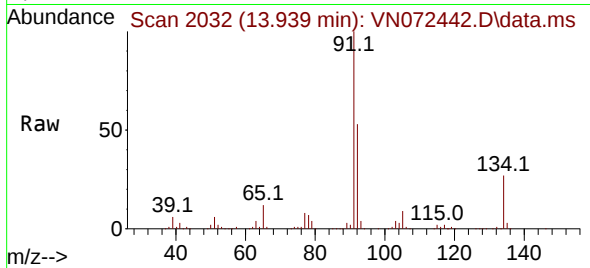
Tgt Ion:146 Resp: 216427
 Ion Ratio Lower Upper
 146 100
 111 40.2 19.1 57.1
 148 63.6 31.4 94.3





#89
n-Butylbenzene
Concen: 56.502 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VN072442.D
Acq: 12 May 2022 10:24

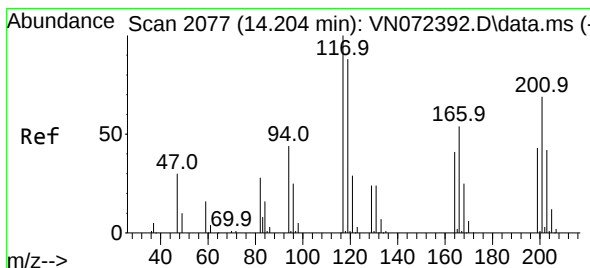
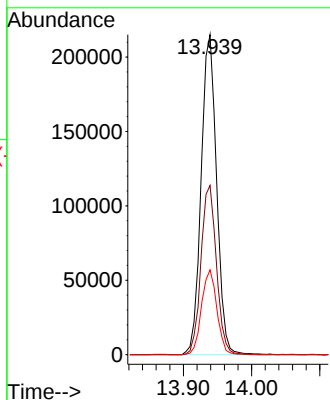
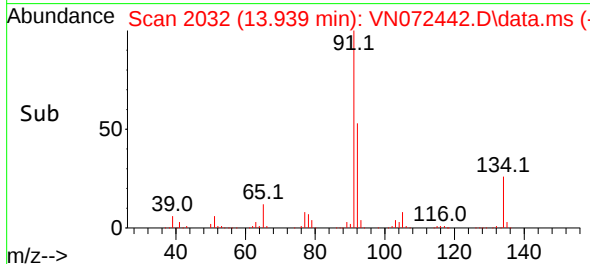
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 34019
Ion Ratio Lower Upper
91 100
92 52.9 26.9 80.7
134 26.2 13.6 40.8

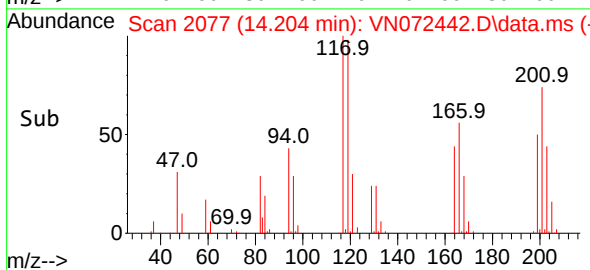
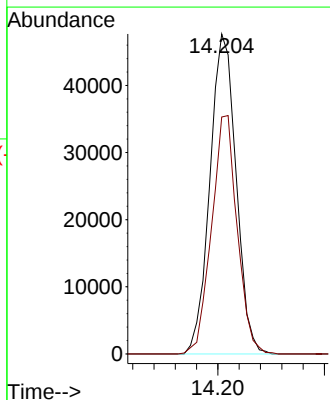
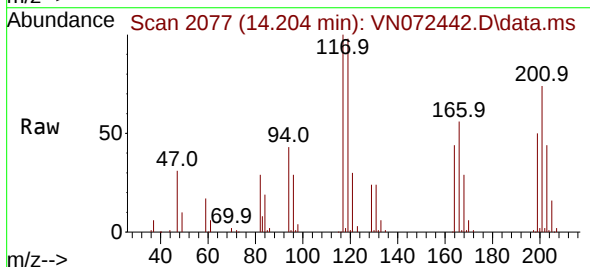
Manual Integrations
APPROVED

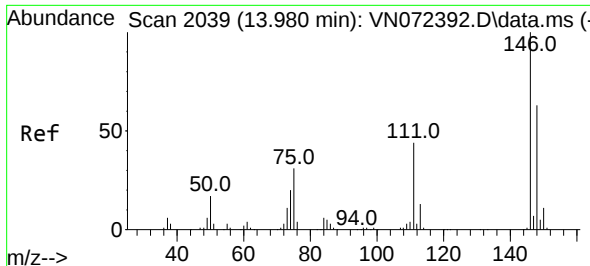
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#90
Hexachloroethane
Concen: 51.612 ug/l
RT: 14.204 min Scan# 2077
Delta R.T. -0.000 min
Lab File: VN072442.D
Acq: 12 May 2022 10:24

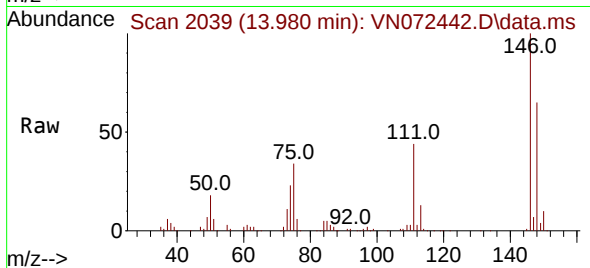
Tgt Ion:117 Resp: 81236
Ion Ratio Lower Upper
117 100
201 72.9 40.6 122.0





#91
1,2-Dichlorobenzene
Concen: 50.576 ug/l
RT: 13.980 min Scan# 2039
Delta R.T. 0.000 min
Lab File: VN072442.D
Acq: 12 May 2022 10:24

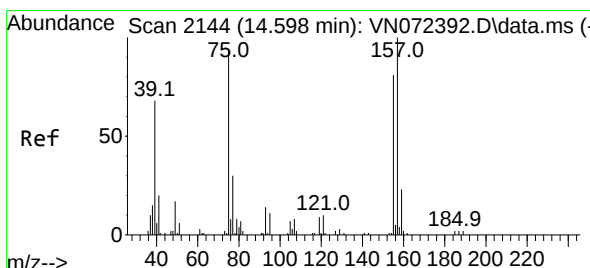
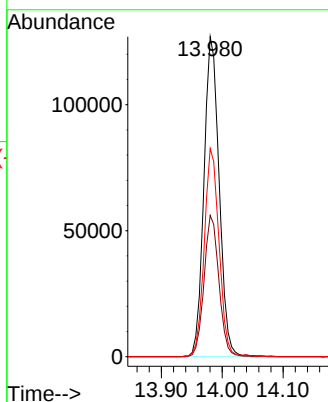
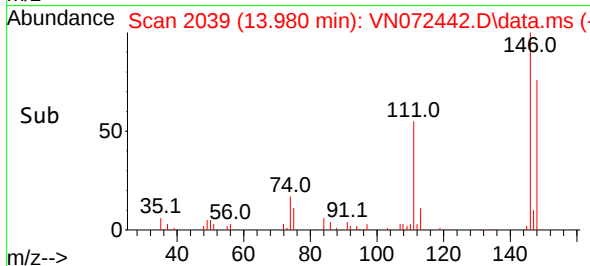
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:146 Resp: 220400
Ion Ratio Lower Upper
146 100
111 43.1 20.9 62.8
148 63.4 32.1 96.3

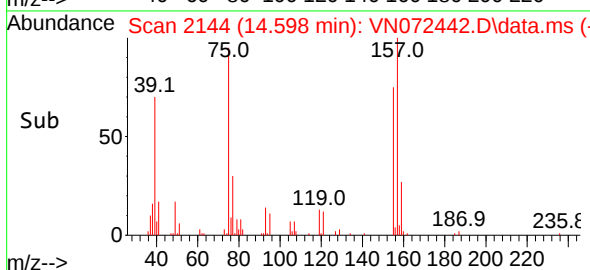
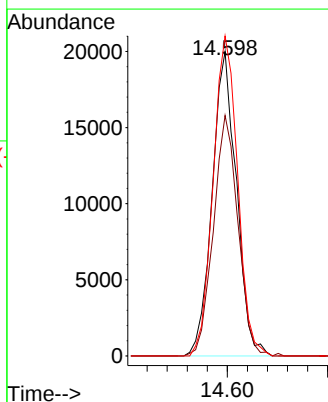
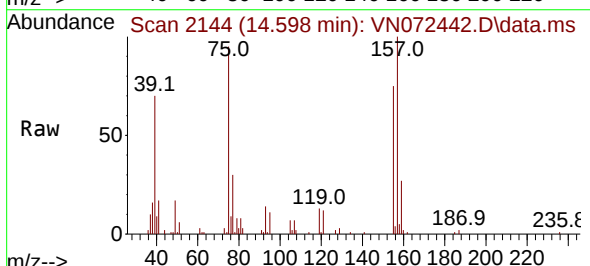
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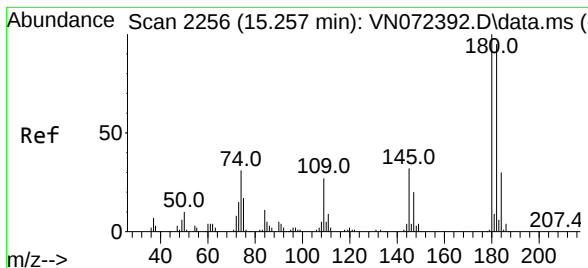
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 50.251 ug/l
RT: 14.598 min Scan# 2144
Delta R.T. -0.000 min
Lab File: VN072442.D
Acq: 12 May 2022 10:24

Tgt Ion: 75 Resp: 33547
Ion Ratio Lower Upper
75 100
155 80.2 44.9 134.5
157 106.1 59.0 176.8





#93

1,2,4-Trichlorobenzene

Concen: 58.418 ug/l

RT: 15.257 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN072442.D

Acq: 12 May 2022 10:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

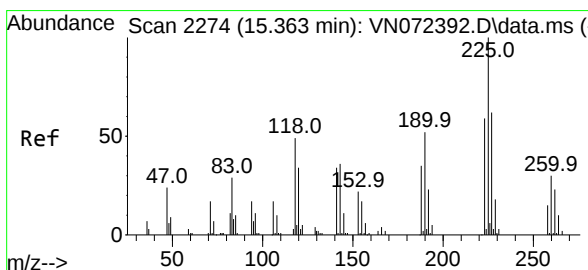
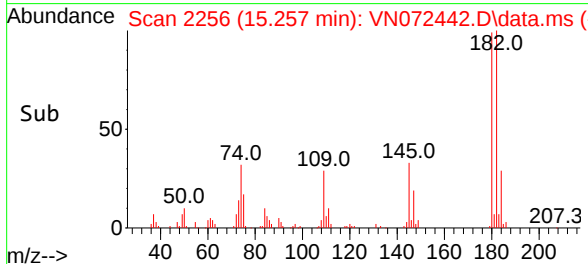
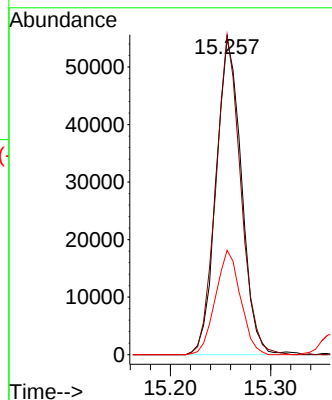
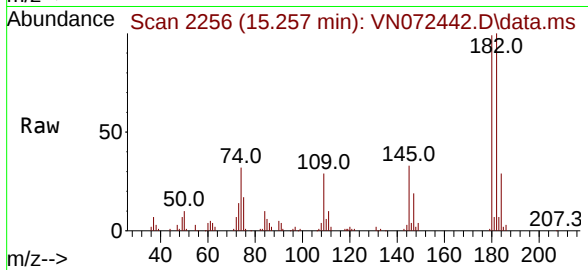
Tgt Ion:	180	Resp:	96434
Ion Ratio	Lower	Upper	
180	100		
182	98.9	47.5	142.5
145	32.6	14.5	43.5

Manual Integrations

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Reviewed By :John Carlone 05/13/2022

Supervised By :Mahesh Dadoda 05/13/2022



#94

Hexachlorobutadiene

Concen: 54.450 ug/l

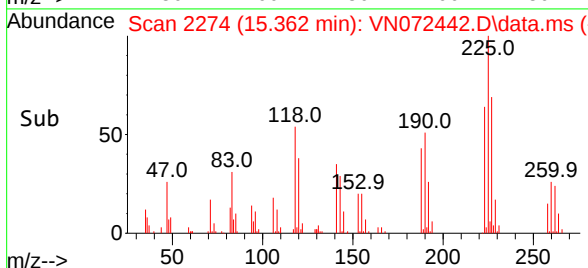
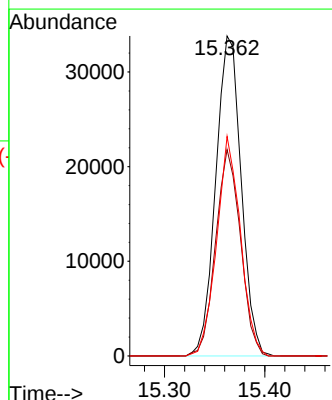
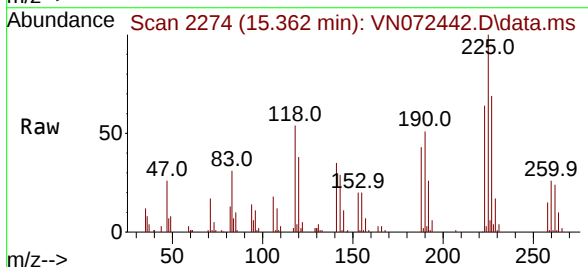
RT: 15.362 min Scan# 2274

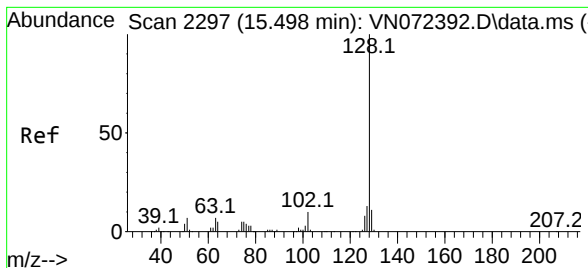
Delta R.T. -0.001 min

Lab File: VN072442.D

Acq: 12 May 2022 10:24

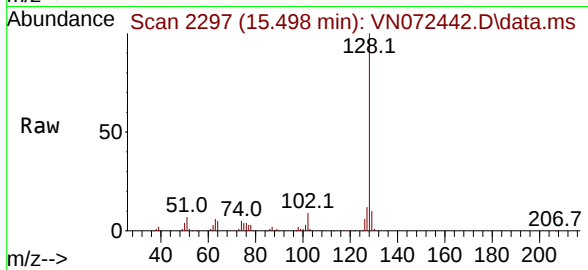
Tgt Ion:	225	Resp:	59513
Ion Ratio	Lower	Upper	
225	100		
223	62.9	32.4	97.2
227	64.1	31.8	95.4





#95
Naphthalene
Concen: 45.392 ug/l
RT: 15.498 min Scan# 2297
Delta R.T. -0.000 min
Lab File: VN072442.D
Acq: 12 May 2022 10:24

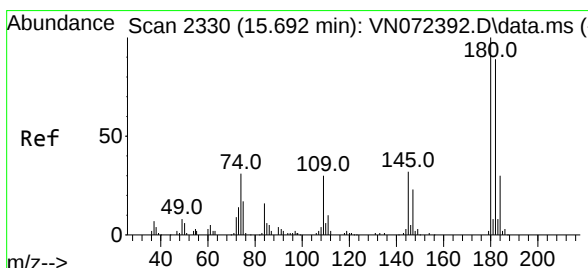
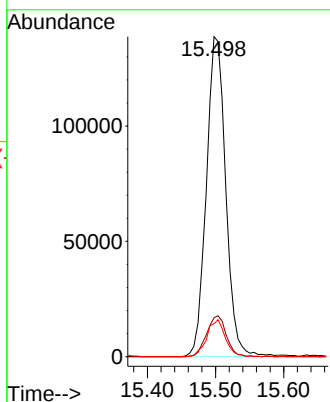
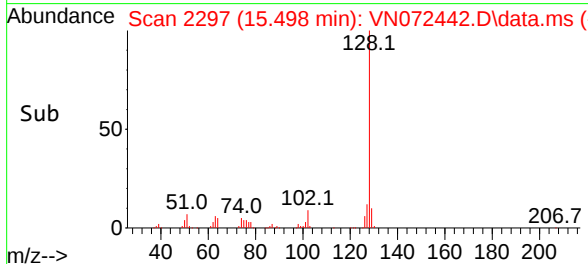
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:128 Resp: 27502
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 11.0 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#96
1,2,3-Trichlorobenzene
Concen: 58.886 ug/l
RT: 15.692 min Scan# 2330
Delta R.T. -0.000 min
Lab File: VN072442.D
Acq: 12 May 2022 10:24

Tgt Ion:180 Resp: 97415
Ion Ratio Lower Upper
180 100
182 95.2 47.8 143.3
145 33.9 15.5 46.5

