

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061422\
 Data File : VN072868.D
 Acq On : 15 Jun 2022 06:46
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

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

Quant Time: Jun 15 07:52:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 15 04:13:32 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	279739	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	521052	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	478369	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	188840	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	223887	51.676	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 103.360%			
35) Dibromofluoromethane	8.016	113	165015	51.152	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 102.300%			
50) Toluene-d8	10.439	98	657310	51.630	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 103.260%			
62) 4-Bromofluorobenzene	12.727	95	236432	55.324	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 110.640%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.063	85	113778	47.497	ug/l	99
3) Chloromethane	2.293	50	125798	52.367	ug/l	99
4) Vinyl Chloride	2.434	62	105968	52.162	ug/l	94
5) Bromomethane	2.822	94	44482	46.002	ug/l	100
6) Chloroethane	2.999	64	70079	54.822	ug/l	94
7) Trichlorofluoromethane	3.363	101	217206	50.233	ug/l	98
8) Diethyl Ether	3.816	74	97395	47.564	ug/l	81
9) 1,1,2-Trichlorotrifluo...	4.204	101	124366	45.177	ug/l	96
10) Methyl Iodide	4.416	142	135930	59.039	ug/l	95
11) Tert butyl alcohol	5.363	59	244829	46.637	ug/l	98
12) 1,1-Dichloroethene	4.175	96	117836	45.665	ug/l	95
13) Acrolein	4.040	56	112914	229.356	ug/l	98
14) Allyl chloride	4.834	41	265803	44.629	ug/l	# 92
15) Acrylonitrile	5.545	53	607686	239.456	ug/l	99
16) Acetone	4.281	43	569668	235.262	ug/l	93
17) Carbon Disulfide	4.528	76	222555	48.565	ug/l	98
18) Methyl Acetate	4.845	43	306310	52.060	ug/l	90
19) Methyl tert-butyl Ether	5.610	73	551099	50.393	ug/l	97
20) Methylene Chloride	5.087	84	161014	52.385	ug/l	89
21) trans-1,2-Dichloroethene	5.598	96	124898	51.531	ug/l	93
22) Diisopropyl ether	6.492	45	613600	49.993	ug/l	97
23) Vinyl Acetate	6.428	43	2728024	257.498	ug/l	# 93
24) 1,1-Dichloroethane	6.375	63	293881	48.353	ug/l	98
25) 2-Butanone	7.328	43	912766	237.889	ug/l	# 86
26) 2,2-Dichloropropane	7.322	77	129043	28.455	ug/l	98
27) cis-1,2-Dichloroethene	7.322	96	171147	47.926	ug/l	98
28) Bromochloromethane	7.651	49	142658	49.233	ug/l	# 81
29) Tetrahydrofuran	7.681	42	573923	234.332	ug/l	86
30) Chloroform	7.816	83	304238	49.821	ug/l	100
31) Cyclohexane	8.092	56	227896	51.407	ug/l	90
32) 1,1,1-Trichloroethane	8.010	97	259488	50.897	ug/l	99
36) 1,1-Dichloropropene	8.216	75	200347	46.502	ug/l	96
37) Ethyl Acetate	7.404	43	341219	46.942	ug/l	96
38) Carbon Tetrachloride	8.204	117	210046	48.838	ug/l	100
39) Methylcyclohexane	9.457	83	221846	45.355	ug/l	94
40) Benzene	8.457	78	636630	46.744	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.628	41	194073	52.076	ug/l #	80
42) 1,2-Dichloroethane	8.528	62	251344	47.671	ug/l	98
43) Isopropyl Acetate	8.557	43	573074	53.510	ug/l #	90
44) Trichloroethene	9.216	130	149251	45.088	ug/l	91
45) 1,2-Dichloropropane	9.486	63	179126	47.246	ug/l	97
46) Dibromomethane	9.575	93	122753	50.270	ug/l	88
47) Bromodichloromethane	9.757	83	254153	51.313	ug/l	97
48) Methyl methacrylate	9.557	41	258265	50.583	ug/l	88
49) 1,4-Dioxane	9.563	88	94988	917.262	ug/l #	91
51) 4-Methyl-2-Pentanone	10.327	43	1821362	248.126	ug/l	91
52) Toluene	10.504	92	416120	49.186	ug/l	100
53) t-1,3-Dichloropropene	10.716	75	247564	49.748	ug/l	97
54) cis-1,3-Dichloropropene	10.186	75	264597	48.445	ug/l #	87
55) 1,1,2-Trichloroethane	10.898	97	184461	48.416	ug/l	97
56) Ethyl methacrylate	10.757	69	326261	51.341	ug/l #	83
57) 1,3-Dichloropropane	11.039	76	314720	47.943	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.039	63	668896	263.852	ug/l	94
59) 2-Hexanone	11.080	43	1396243	253.347	ug/l	88
60) Dibromochloromethane	11.233	129	191675	53.398	ug/l	99
61) 1,2-Dibromoethane	11.339	107	188813	50.500	ug/l	99
64) Tetrachloroethene	10.975	164	120975	39.420	ug/l	93
65) Chlorobenzene	11.769	112	445617	47.296	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.839	131	177430	49.376	ug/l	99
67) Ethyl Benzene	11.839	91	821132	48.274	ug/l	97
68) m/p-Xylenes	11.951	106	595059	98.779	ug/l	93
69) o-Xylene	12.274	106	311140	48.805	ug/l	95
70) Styrene	12.292	104	501348	52.187	ug/l	97
71) Bromoform	12.457	173	139219	53.392	ug/l #	99
73) Isopropylbenzene	12.574	105	823503	47.438	ug/l	98
74) N-amyl acetate	12.386	43	433860	51.828	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.821	83	298046	45.540	ug/l	99
76) 1,2,3-Trichloropropane	12.880	75	242692m	44.555	ug/l	
77) Bromobenzene	12.857	156	178940	45.457	ug/l	83
78) n-propylbenzene	12.916	91	906479	47.867	ug/l	97
79) 2-Chlorotoluene	13.004	91	564635	45.712	ug/l	96
80) 1,3,5-Trimethylbenzene	13.057	105	654981	47.492	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.621	75	73424	41.920	ug/l	91
82) 4-Chlorotoluene	13.104	91	528518	46.739	ug/l	97
83) tert-Butylbenzene	13.321	119	590033	47.349	ug/l	94
84) 1,2,4-Trimethylbenzene	13.363	105	645751	48.389	ug/l	96
85) sec-Butylbenzene	13.498	105	809429	48.600	ug/l	98
86) p-Isopropyltoluene	13.610	119	630589	48.586	ug/l	97
87) 1,3-Dichlorobenzene	13.610	146	298823	46.655	ug/l	98
88) 1,4-Dichlorobenzene	13.692	146	300929	46.420	ug/l	98
89) n-Butylbenzene	13.939	91	516838	49.508	ug/l	98
90) Hexachloroethane	14.210	117	128007	49.675	ug/l	83
91) 1,2-Dichlorobenzene	13.986	146	301784	45.992	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.598	75	64697	49.480	ug/l	87
93) 1,2,4-Trichlorobenzene	15.262	180	153818	49.574	ug/l	97
94) Hexachlorobutadiene	15.368	225	65920	46.079	ug/l	99
95) Naphthalene	15.504	128	618856	52.104	ug/l	100
96) 1,2,3-Trichlorobenzene	15.698	180	159292	49.969	ug/l	97

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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

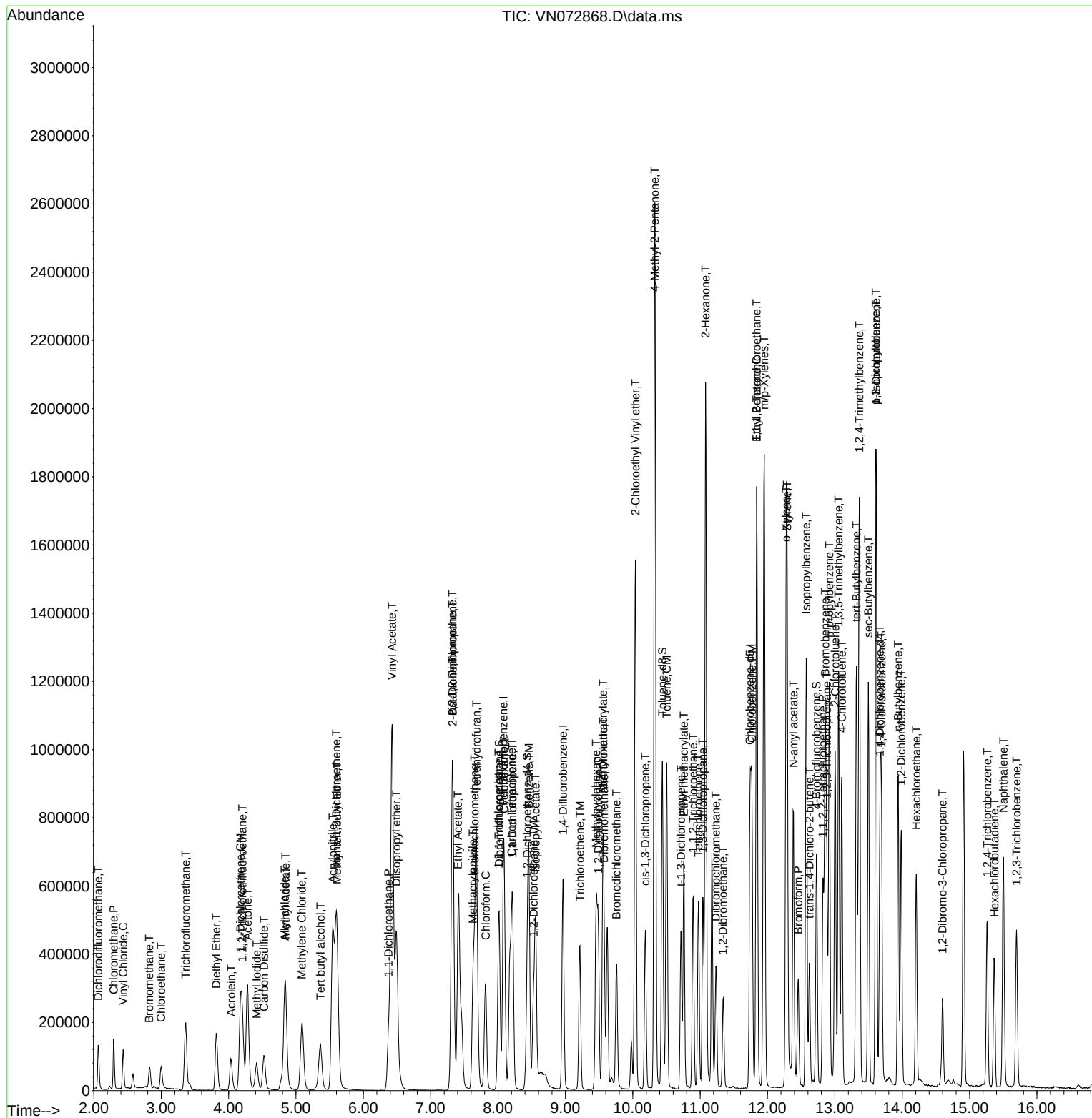
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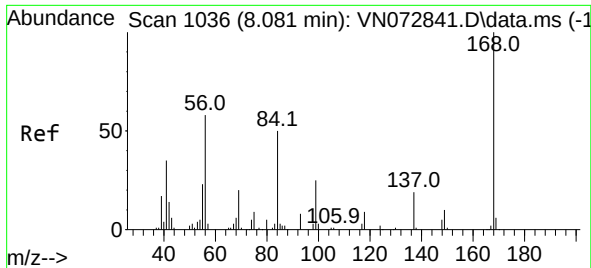
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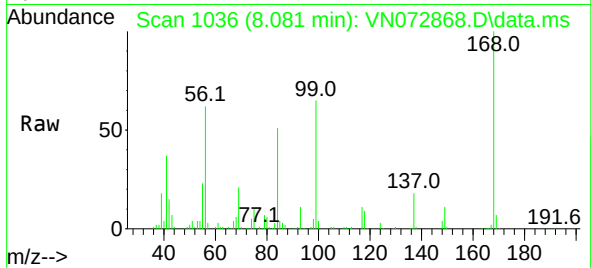
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
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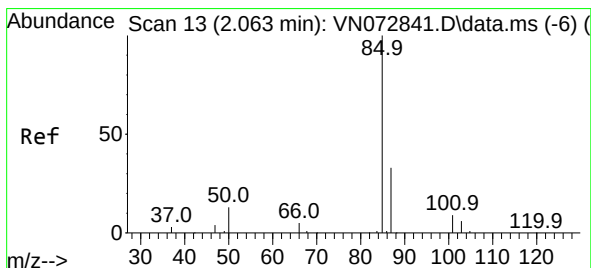
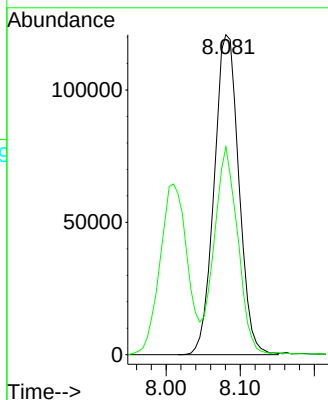
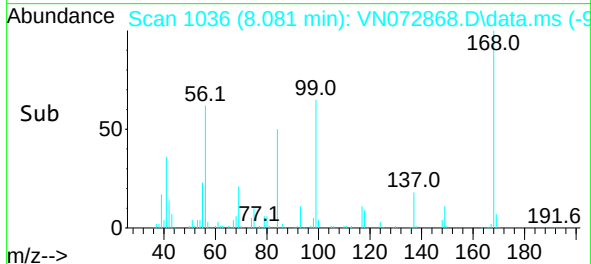
Instrument :
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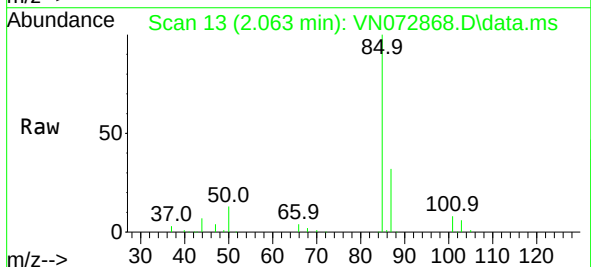
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Ion Ratio Lower Upper
168 100
99 64.3 42.3 63.5

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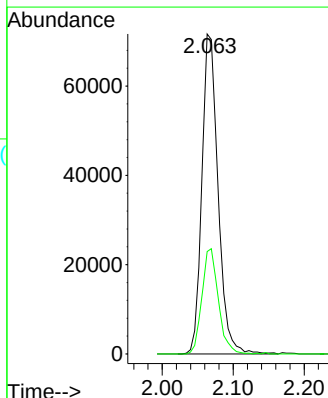
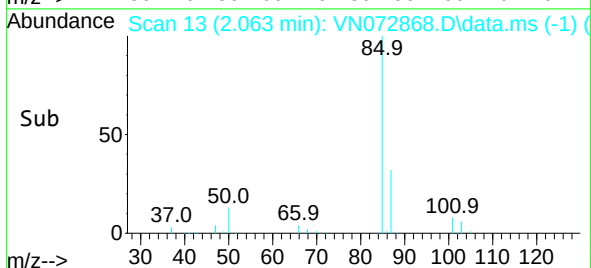
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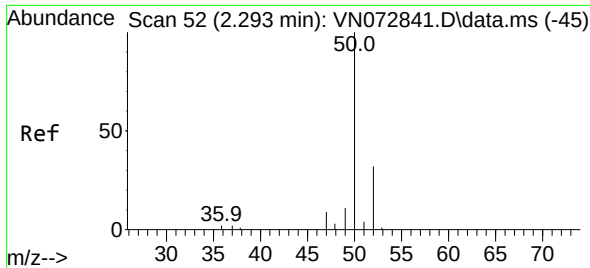


#2
Dichlorodifluoromethane
Concen: 47.497 ug/l
RT: 2.063 min Scan# 13
Delta R.T. 0.000 min
Lab File: VN072868.D
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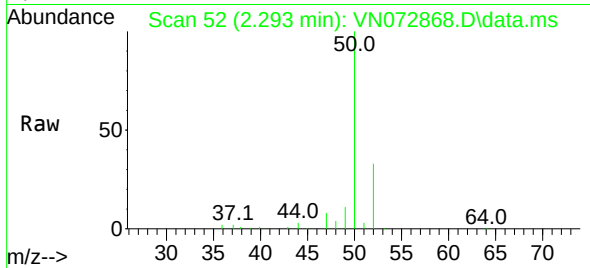
Tgt Ion: 85 Resp: 113778
Ion Ratio Lower Upper
85 100
87 32.0 15.7 47.1





#3
Chloromethane
Concen: 52.367 ug/l
RT: 2.293 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN072868.D
Acq: 15 Jun 2022 06:46

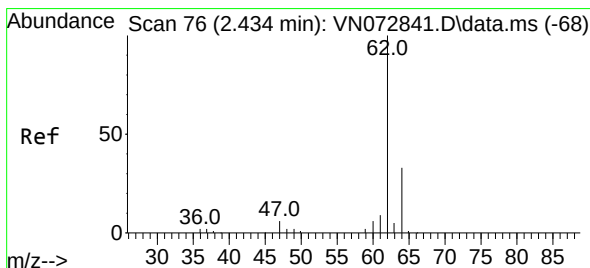
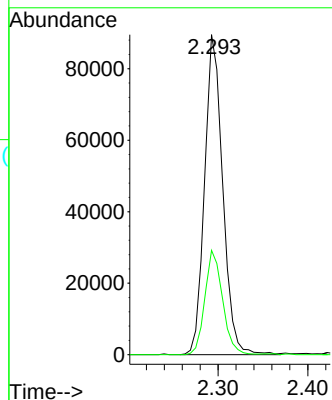
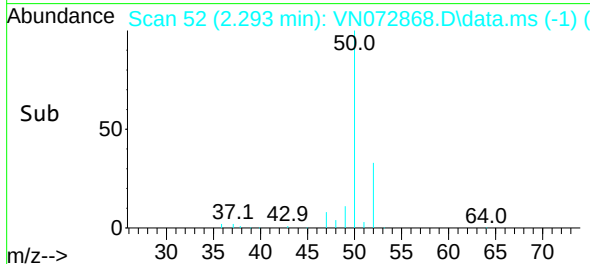
Instrument :
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Tgt Ion: 50 Resp: 125798
Ion Ratio Lower Upper
50 100
52 32.6 25.7 38.5

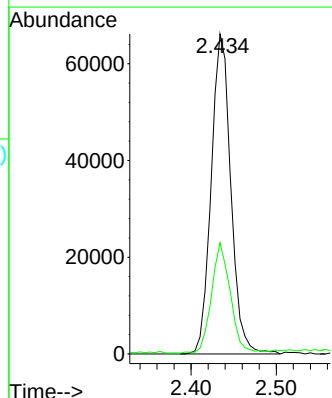
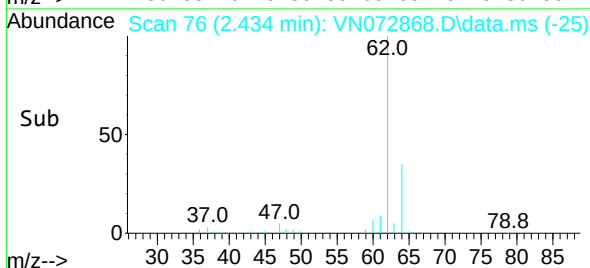
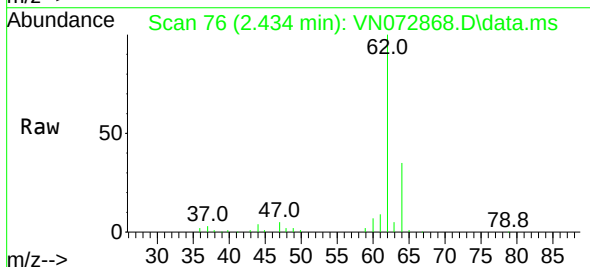
Manual Integrations
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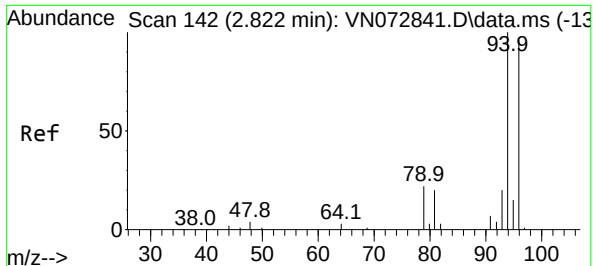
Reviewed By :John Carlone 06/15/2022
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#4
Vinyl Chloride
Concen: 52.162 ug/l
RT: 2.434 min Scan# 76
Delta R.T. -0.000 min
Lab File: VN072868.D
Acq: 15 Jun 2022 06:46

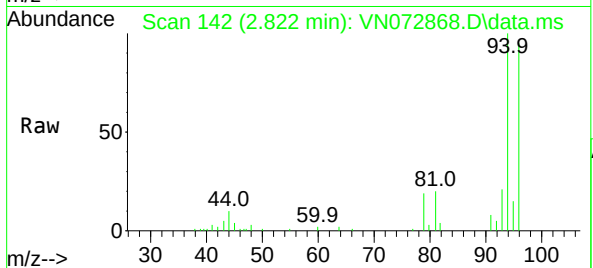
Tgt Ion: 62 Resp: 105968
Ion Ratio Lower Upper
62 100
64 34.5 25.0 37.4





#5
Bromomethane
Concen: 46.002 ug/l
RT: 2.822 min Scan# 142
Delta R.T. 0.000 min
Lab File: VN072868.D
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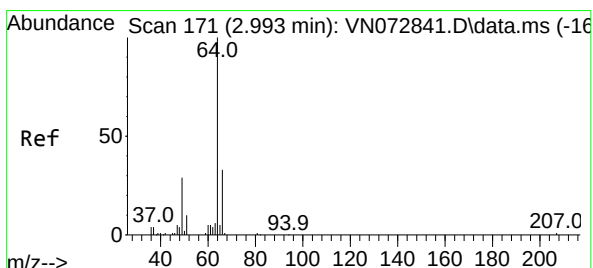
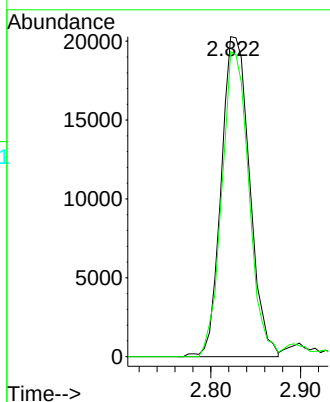
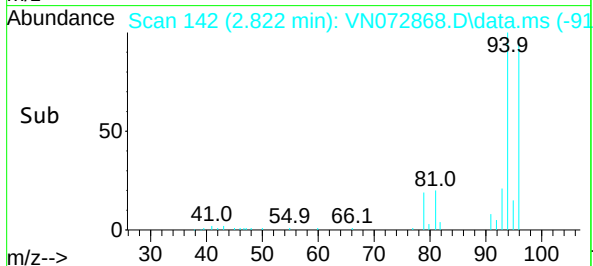
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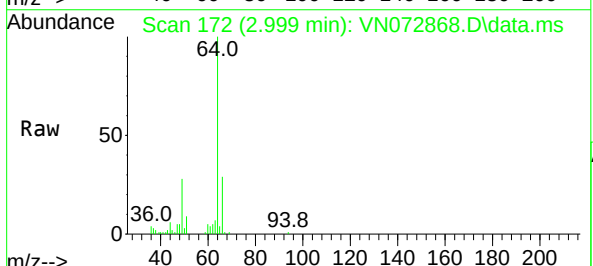
Tgt Ion: 94 Resp: 4448
Ion Ratio Lower Upper
94 100
96 95.3 76.0 114.0

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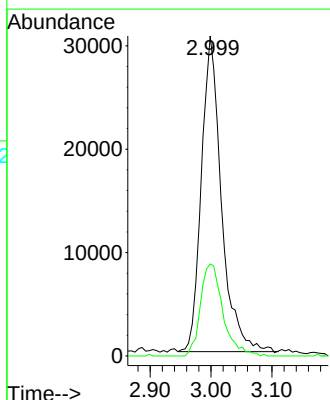
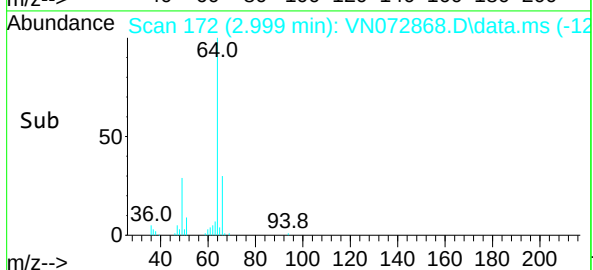
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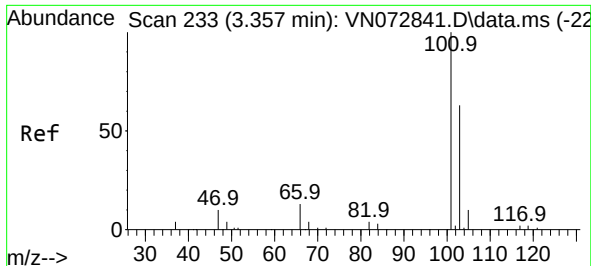


#6
Chloroethane
Concen: 54.822 ug/l
RT: 2.999 min Scan# 172
Delta R.T. 0.006 min
Lab File: VN072868.D
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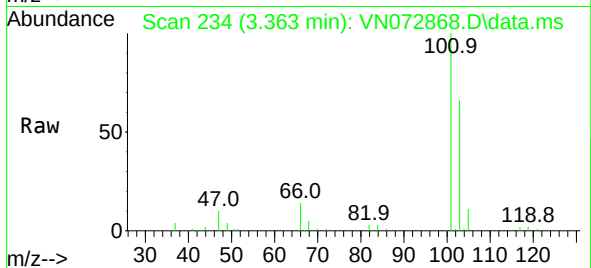
Tgt Ion: 64 Resp: 70079
Ion Ratio Lower Upper
64 100
66 29.2 26.2 39.4





#7
Trichlorofluoromethane
Concen: 50.233 ug/l
RT: 3.363 min Scan# 217200
Delta R.T. 0.006 min
Lab File: VN072868.D
Acq: 15 Jun 2022 06:46

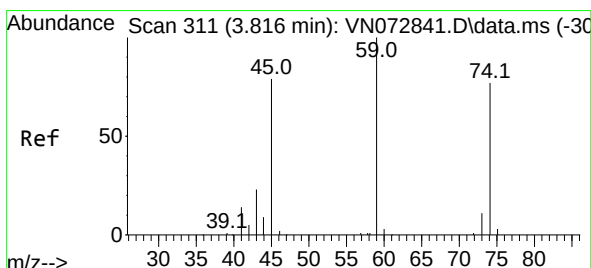
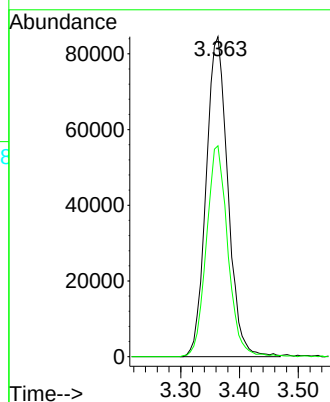
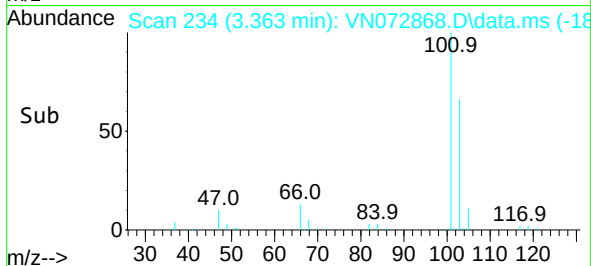
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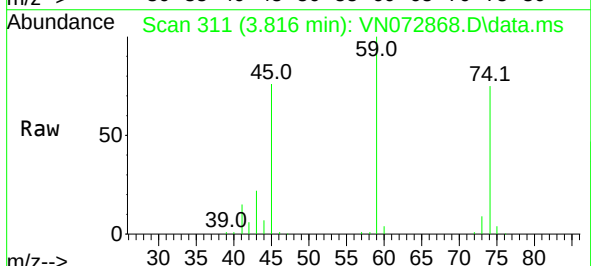
Tgt Ion:101 Resp: 217200
Ion Ratio Lower Upper
101 100
103 65.9 51.5 77.3

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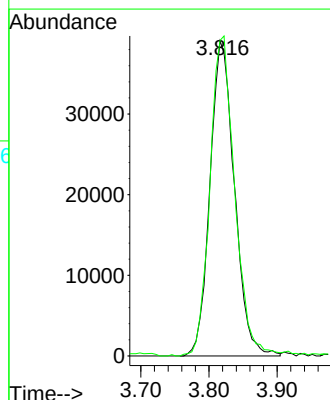
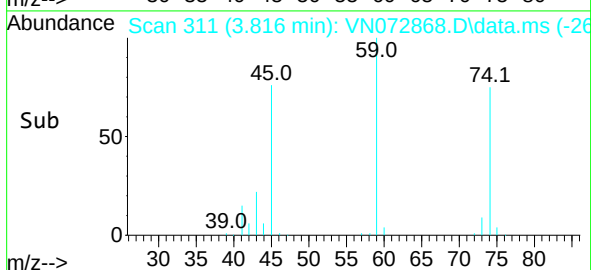
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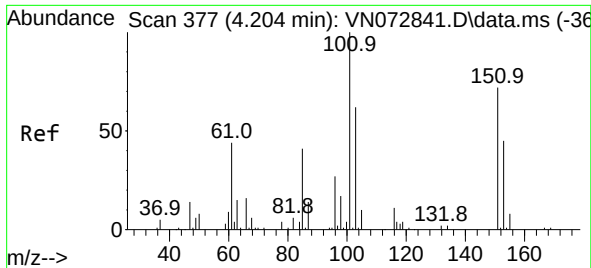


#8
Diethyl Ether
Concen: 47.564 ug/l
RT: 3.816 min Scan# 311
Delta R.T. 0.000 min
Lab File: VN072868.D
Acq: 15 Jun 2022 06:46



Tgt Ion: 74 Resp: 97395
Ion Ratio Lower Upper
74 100
45 102.8 42.9 128.5





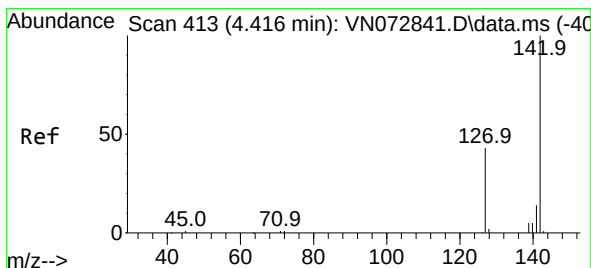
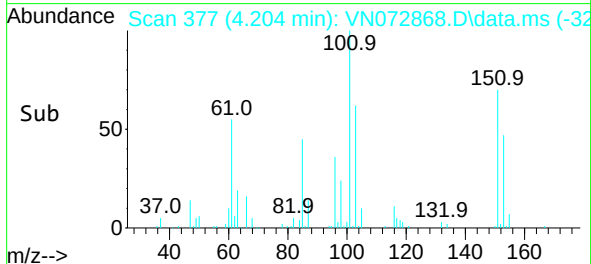
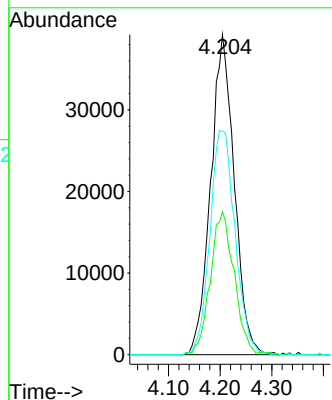
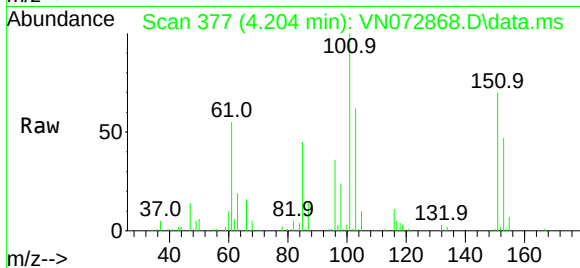
#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.177 ug/l
RT: 4.204 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN072868.D
Acq: 15 Jun 2022 06:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 124360
Ion Ratio Lower Upper
101 100
85 45.2 34.7 52.1
151 75.0 63.0 94.4

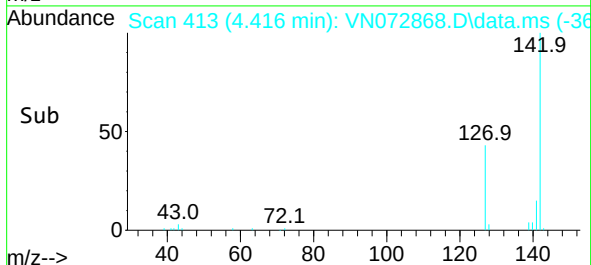
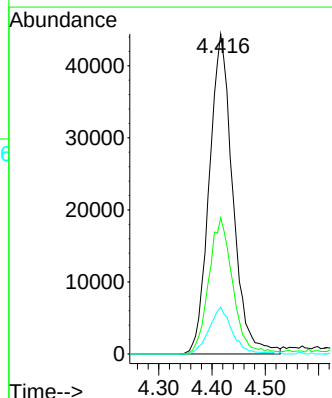
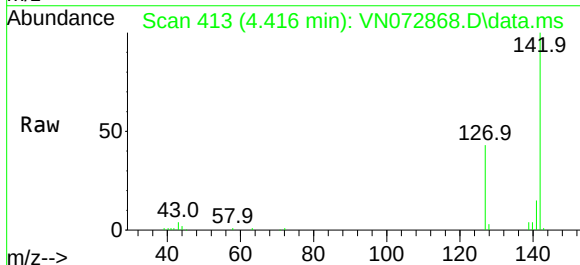
Manual Integrations
APPROVED

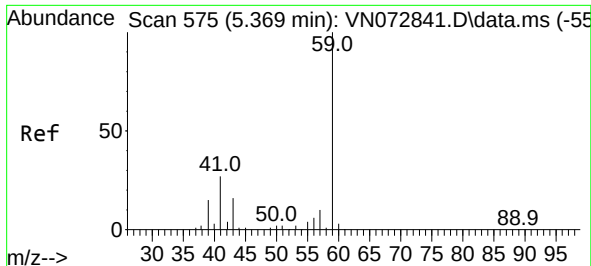
Reviewed By :John Carlone 06/15/2022
Supervised By :Mahesh Dadoda 06/15/2022



#10
Methyl Iodide
Concen: 59.039 ug/l
RT: 4.416 min Scan# 413
Delta R.T. 0.000 min
Lab File: VN072868.D
Acq: 15 Jun 2022 06:46

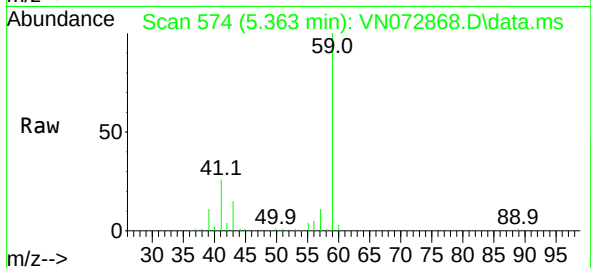
Tgt Ion:142 Resp: 135930
Ion Ratio Lower Upper
142 100
127 43.2 31.3 46.9
141 14.2 11.2 16.8





#11
Tert butyl alcohol
Concen: 46.637 ug/l
RT: 5.363 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN072868.D
Acq: 15 Jun 2022 06:46

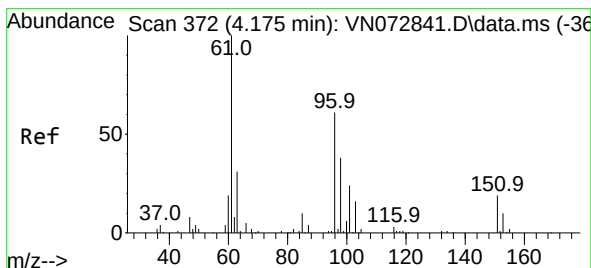
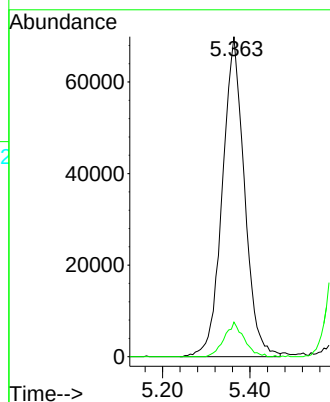
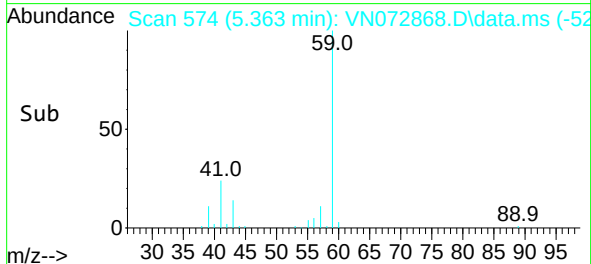
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 59 Resp: 244829
Ion Ratio Lower Upper
59 100
57 9.6 8.3 12.5

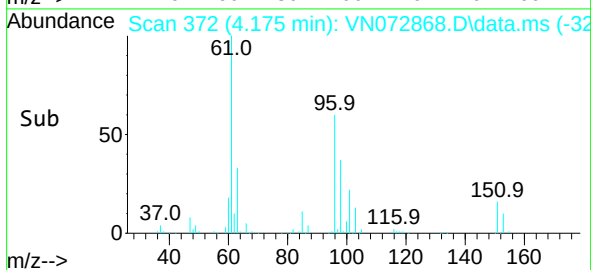
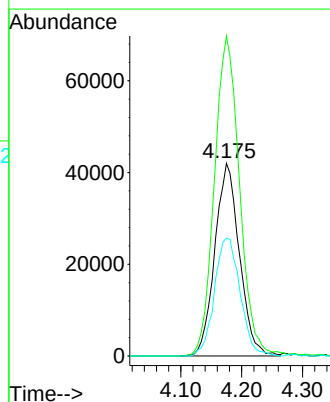
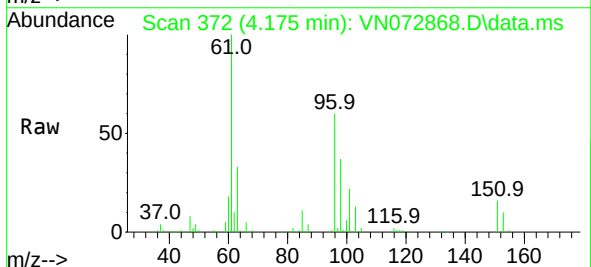
Manual Integrations
APPROVED

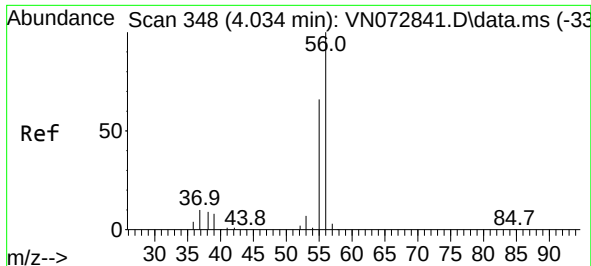
Reviewed By :John Carlone 06/15/2022
Supervised By :Mahesh Dadoda 06/15/2022



#12
1,1-Dichloroethene
Concen: 45.665 ug/l
RT: 4.175 min Scan# 372
Delta R.T. -0.000 min
Lab File: VN072868.D
Acq: 15 Jun 2022 06:46

Tgt Ion: 96 Resp: 117836
Ion Ratio Lower Upper
96 100
61 166.1 127.6 191.4
98 61.1 51.2 76.8





#13

Acrolein

Concen: 229.356 ug/l

RT: 4.040 min Scan# 34

Delta R.T. 0.006 min

Lab File: VN072868.D

Acq: 15 Jun 2022 06:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 56 Resp: 112914

Ion Ratio Lower Upper

56 100

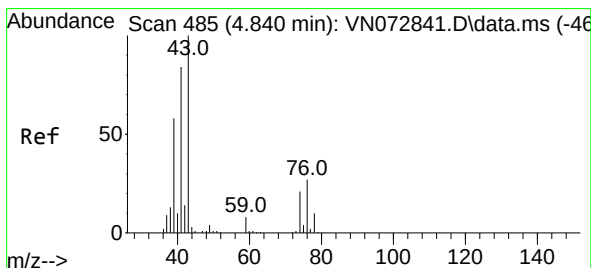
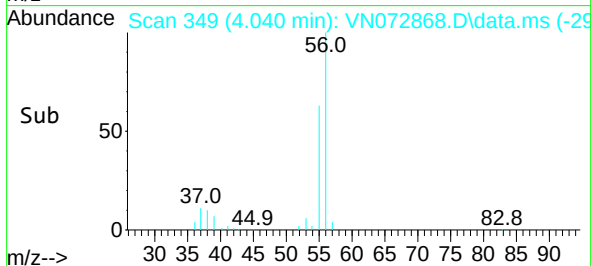
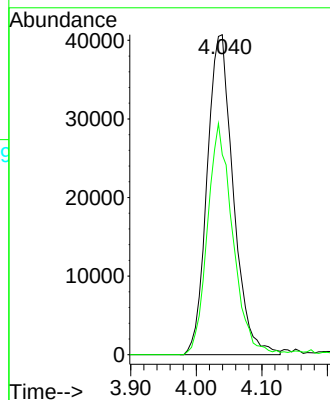
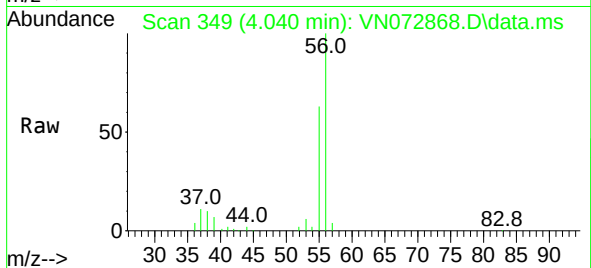
55 69.8 54.8 82.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/15/2022

Supervised By :Mahesh Dadoda 06/15/2022



#14

Allyl chloride

Concen: 44.629 ug/l

RT: 4.834 min Scan# 484

Delta R.T. -0.006 min

Lab File: VN072868.D

Acq: 15 Jun 2022 06:46

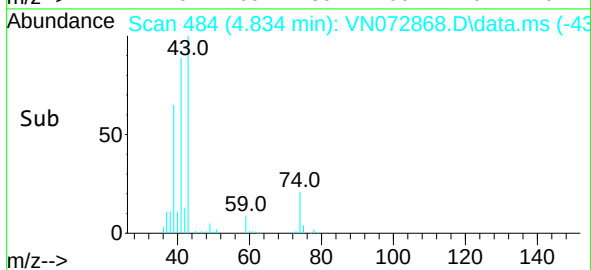
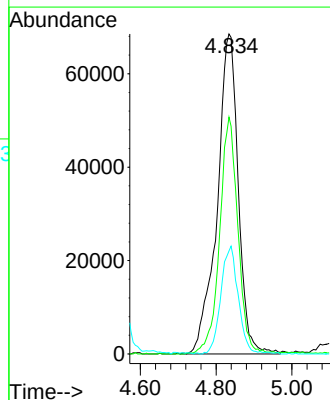
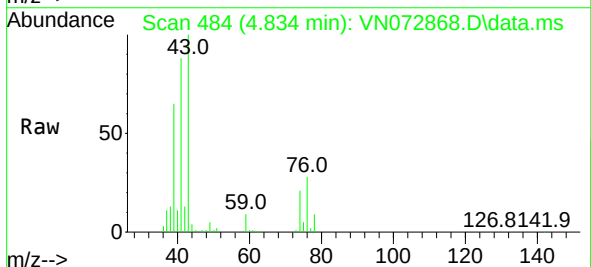
Tgt Ion: 41 Resp: 265803

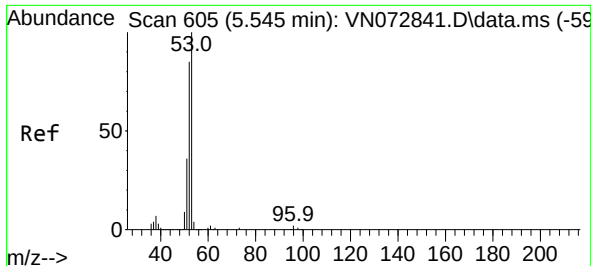
Ion Ratio Lower Upper

41 100

39 63.8 53.2 79.8

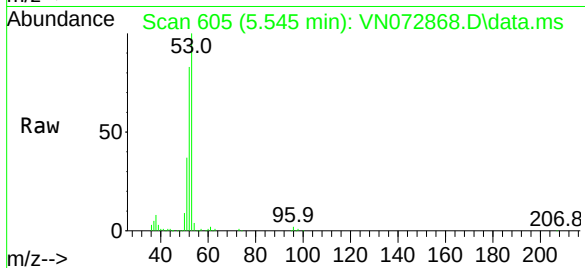
76 27.7 29.9 44.9#





#15
Acrylonitrile
Concen: 239.456 ug/l
RT: 5.545 min Scan# 605
Delta R.T. 0.000 min
Lab File: VN072868.D
Acq: 15 Jun 2022 06:46

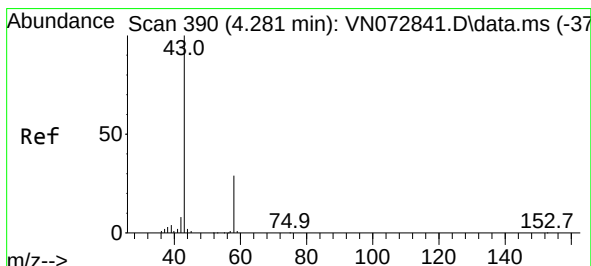
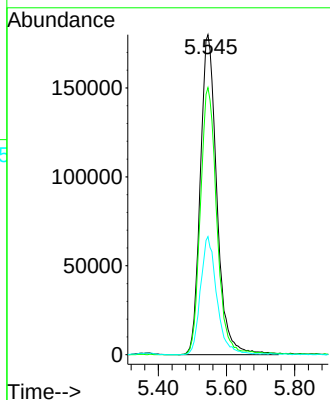
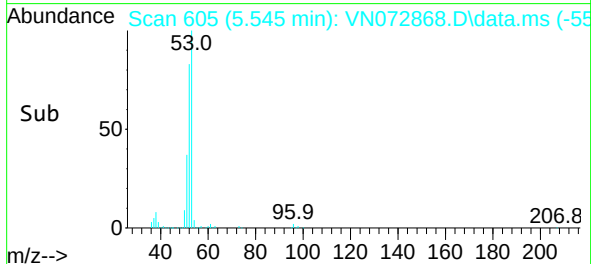
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



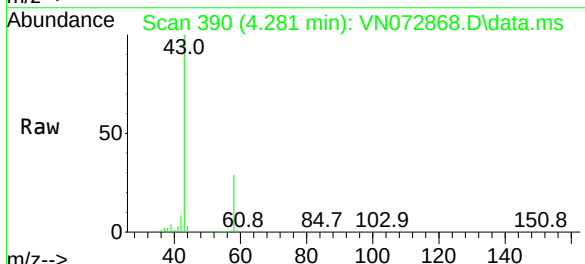
Tgt Ion: 53 Resp: 607680
Ion Ratio Lower Upper
53 100
52 82.8 66.4 99.6
51 36.4 28.5 42.7

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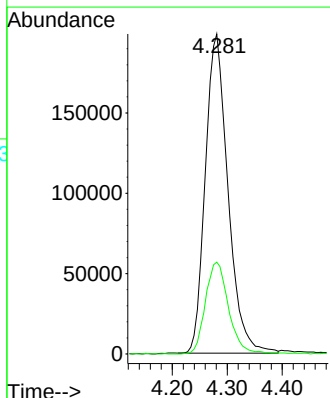
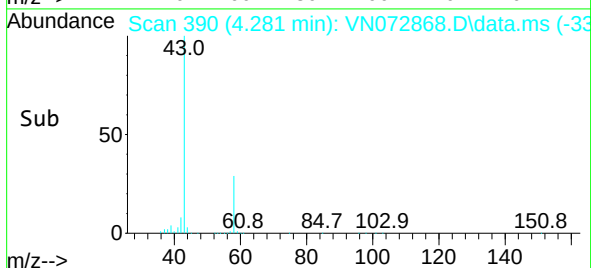
Reviewed By :John Carlone 06/15/2022
Supervised By :Mahesh Dadoda 06/15/2022

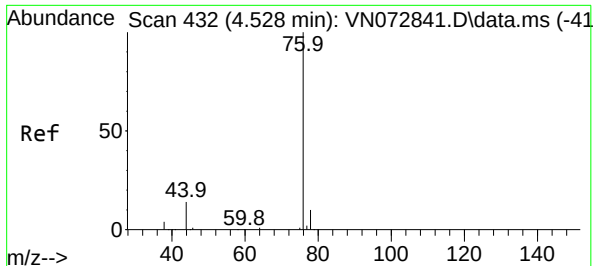


#16
Acetone
Concen: 235.262 ug/l
RT: 4.281 min Scan# 390
Delta R.T. -0.000 min
Lab File: VN072868.D
Acq: 15 Jun 2022 06:46



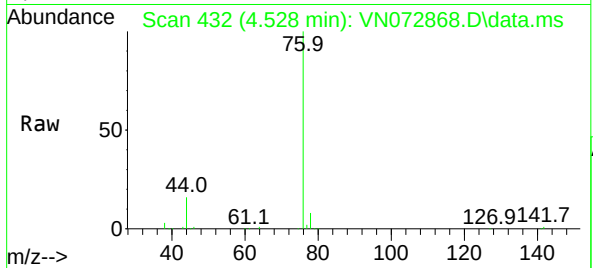
Tgt Ion: 43 Resp: 569668
Ion Ratio Lower Upper
43 100
58 28.8 26.0 39.0





#17
Carbon Disulfide
Concen: 48.565 ug/l
RT: 4.528 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN072868.D
Acq: 15 Jun 2022 06:46

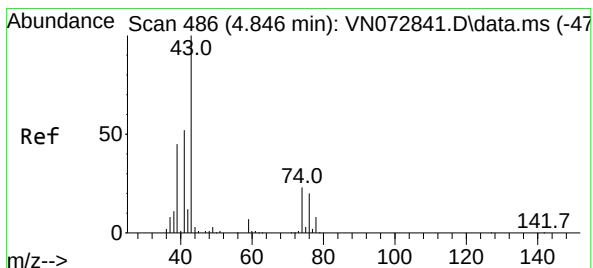
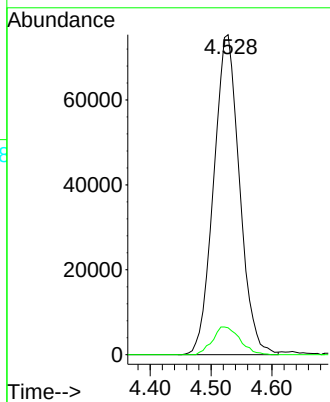
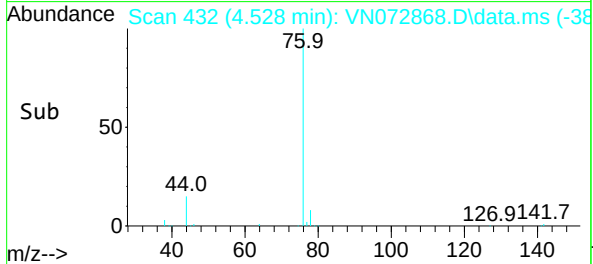
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 22255
Ion Ratio Lower Upper
76 100
78 8.4 7.2 10.8

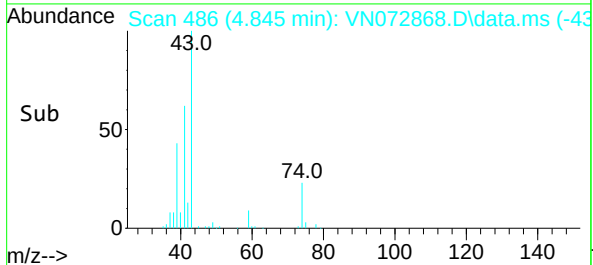
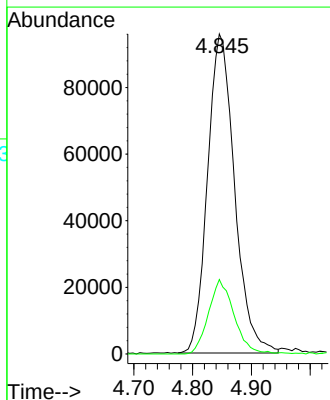
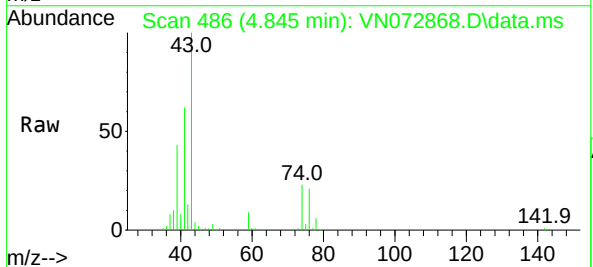
Manual Integrations
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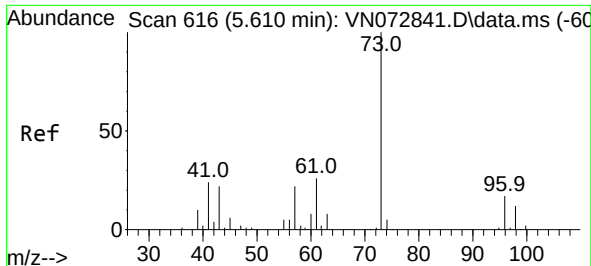
Reviewed By :John Carlone 06/15/2022
Supervised By :Mahesh Dadoda 06/15/2022



#18
Methyl Acetate
Concen: 52.060 ug/l
RT: 4.845 min Scan# 486
Delta R.T. -0.001 min
Lab File: VN072868.D
Acq: 15 Jun 2022 06:46

Tgt Ion: 43 Resp: 306310
Ion Ratio Lower Upper
43 100
74 22.0 21.6 32.4





#19

Methyl tert-butyl Ether

Concen: 50.393 ug/l

RT: 5.610 min Scan# 616

Delta R.T. 0.000 min

Lab File: VN072868.D

Acq: 15 Jun 2022 06:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 73 Resp: 551099

Ion Ratio Lower Upper

73 100

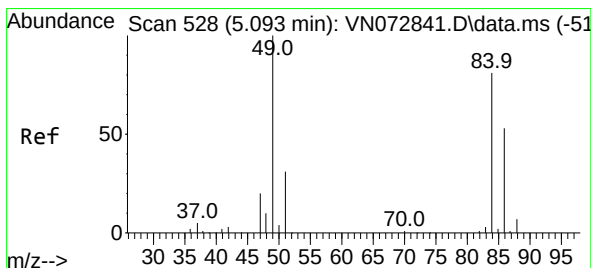
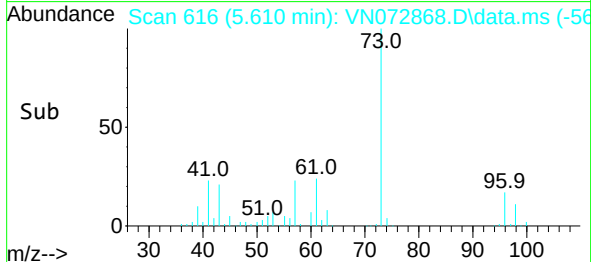
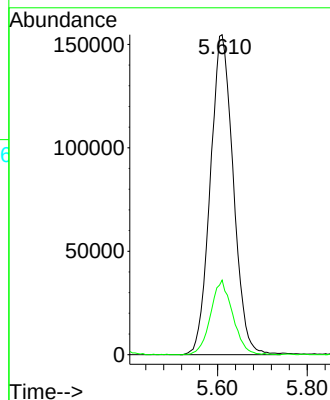
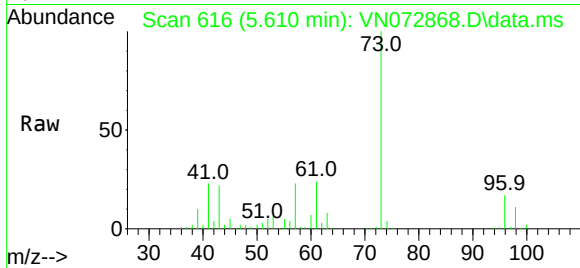
57 23.3 17.6 26.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/15/2022

Supervised By :Mahesh Dadoda 06/15/2022



#20

Methylene Chloride

Concen: 52.385 ug/l

RT: 5.087 min Scan# 527

Delta R.T. -0.006 min

Lab File: VN072868.D

Acq: 15 Jun 2022 06:46

Tgt Ion: 84 Resp: 161014

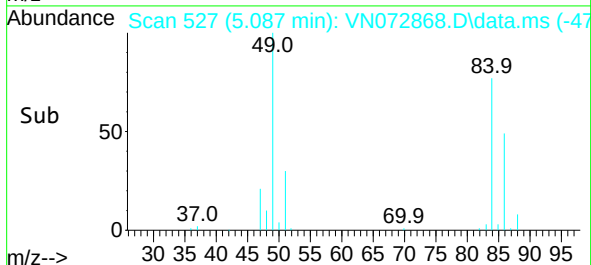
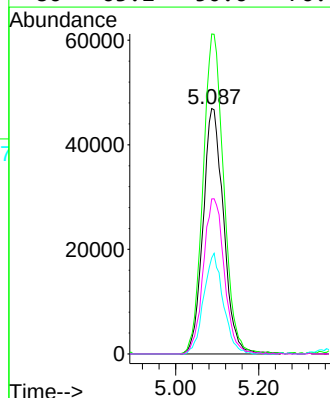
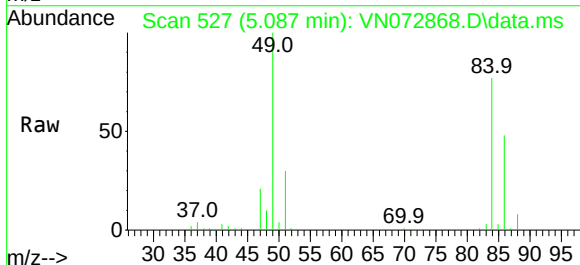
Ion Ratio Lower Upper

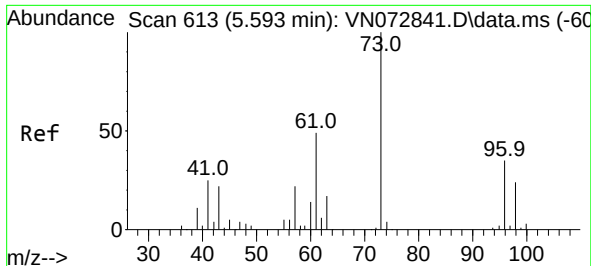
84 100

49 130.4 88.3 132.5

51 39.2 28.2 42.2

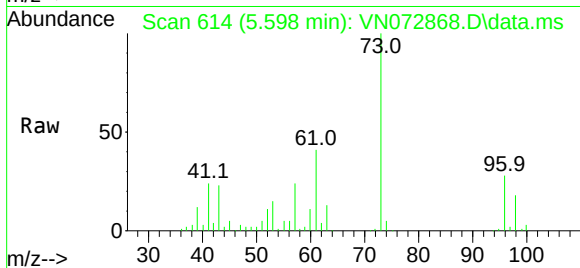
86 63.2 50.6 76.0





#21
trans-1,2-Dichloroethene
Concen: 51.531 ug/l
RT: 5.598 min Scan# 613
Delta R.T. 0.005 min
Lab File: VN072868.D
Acq: 15 Jun 2022 06:46

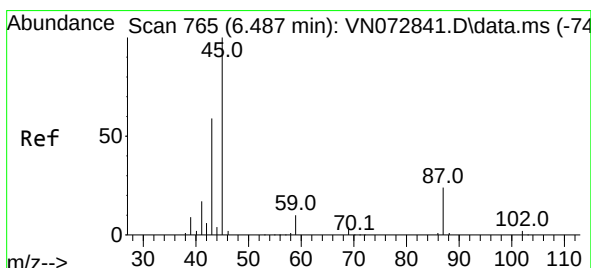
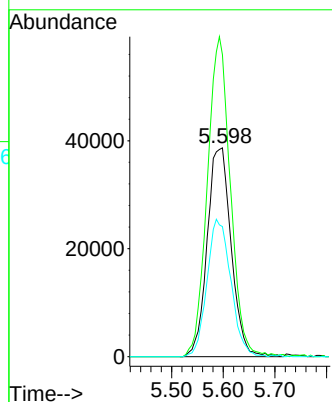
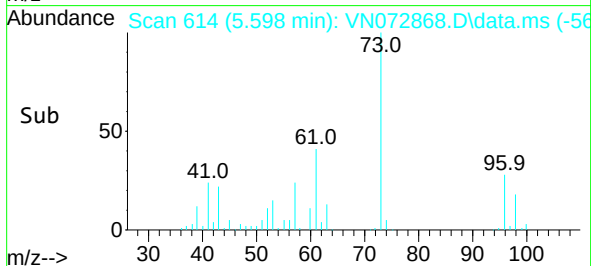
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



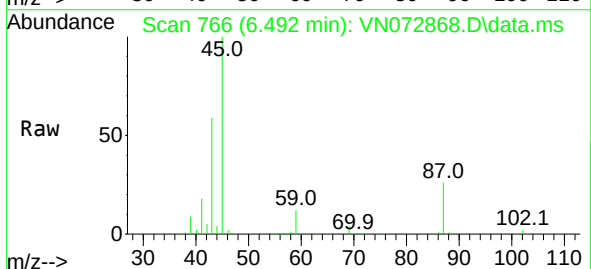
Tgt Ion: 96 Resp: 124898
Ion Ratio Lower Upper
96 100
61 144.7 105.8 158.8
98 62.4 50.3 75.5

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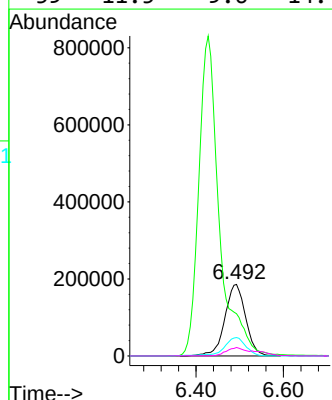
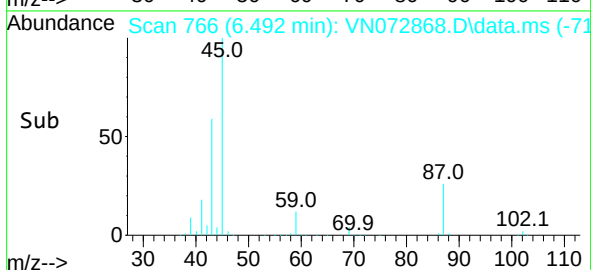
Reviewed By :John Carlone 06/15/2022
Supervised By :Mahesh Dadoda 06/15/2022

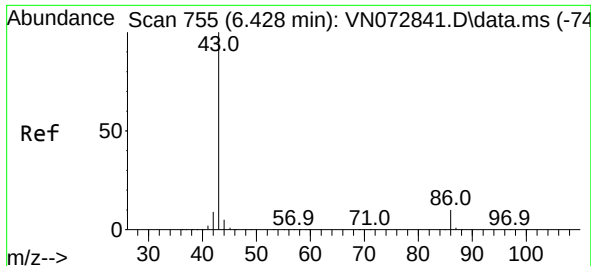


#22
Diisopropyl ether
Concen: 49.993 ug/l
RT: 6.492 min Scan# 766
Delta R.T. 0.005 min
Lab File: VN072868.D
Acq: 15 Jun 2022 06:46



Tgt Ion: 45 Resp: 613600
Ion Ratio Lower Upper
45 100
43 58.1 46.6 70.0
87 25.6 24.3 36.5
59 11.5 9.6 14.4





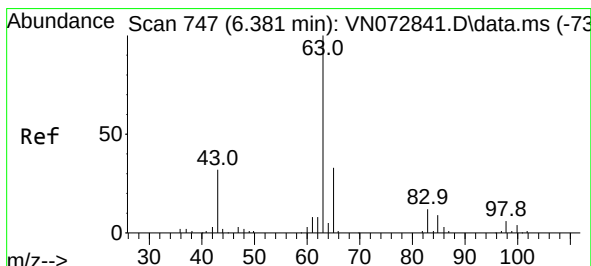
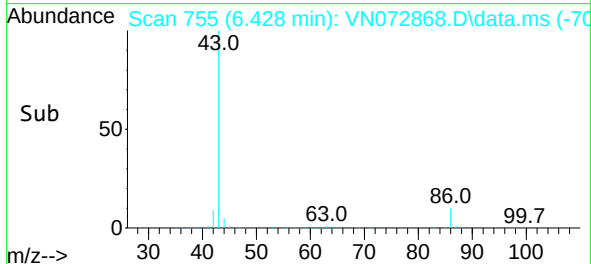
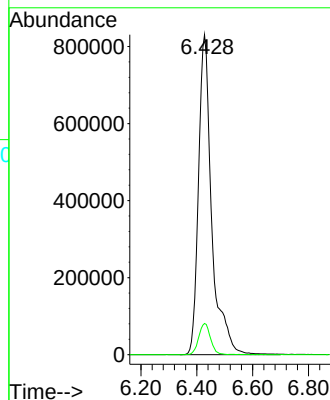
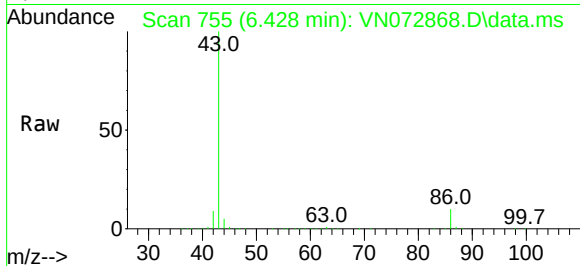
#23
 Vinyl Acetate
 Concen: 257.498 ug/l
 RT: 6.428 min Scan# 755
 Delta R.T. -0.000 min
 Lab File: VN072868.D
 Acq: 15 Jun 2022 06:46

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 2728024
 Ion Ratio Lower Upper
 43 100
 86 9.7 10.0 15.0

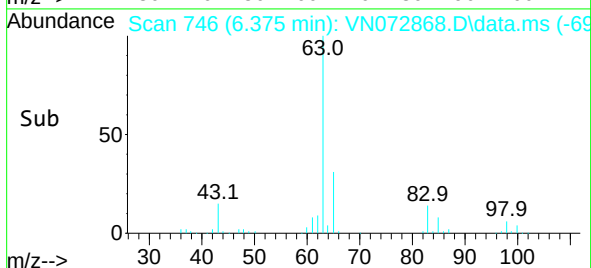
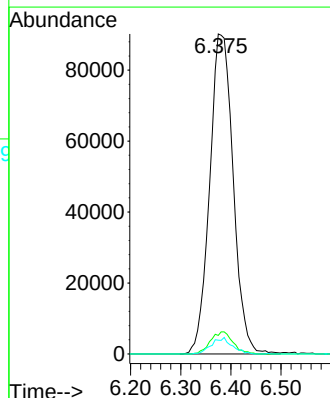
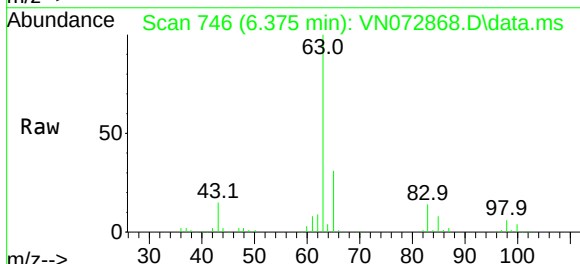
Manual Integrations
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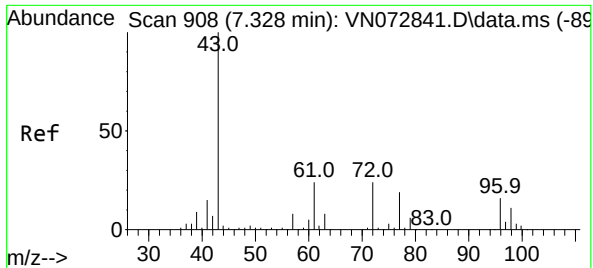
Reviewed By :John Carlone 06/15/2022
 Supervised By :Mahesh Dadoda 06/15/2022



#24
 1,1-Dichloroethane
 Concen: 48.353 ug/l
 RT: 6.375 min Scan# 746
 Delta R.T. -0.006 min
 Lab File: VN072868.D
 Acq: 15 Jun 2022 06:46

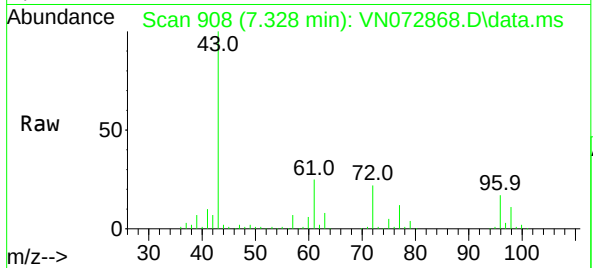
Tgt Ion: 63 Resp: 293881
 Ion Ratio Lower Upper
 63 100
 98 5.8 3.5 10.4
 100 4.3 2.3 6.8





#25
2-Butanone
Concen: 237.889 ug/l
RT: 7.328 min Scan# 908
Delta R.T. -0.000 min
Lab File: VN072868.D
Acq: 15 Jun 2022 06:46

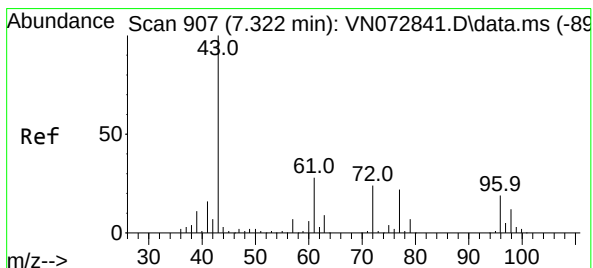
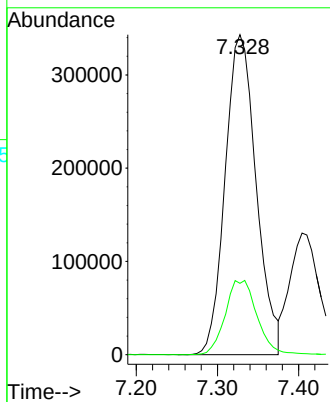
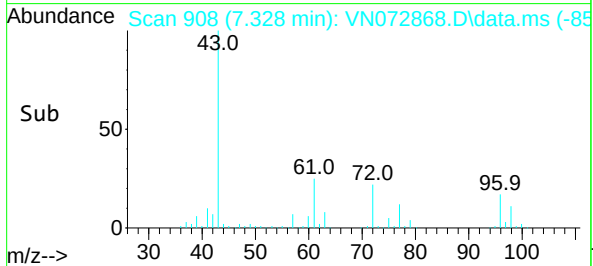
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



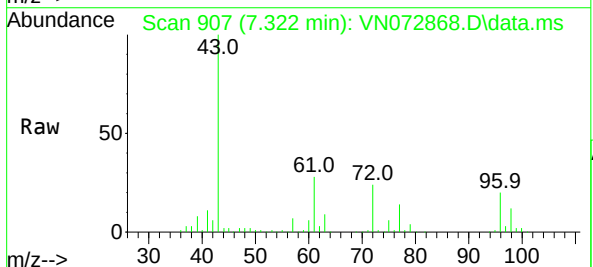
Tgt Ion: 43 Resp: 912760
Ion Ratio Lower Upper
43 100
72 22.3 23.7 35.5

Manual Integrations
APPROVED

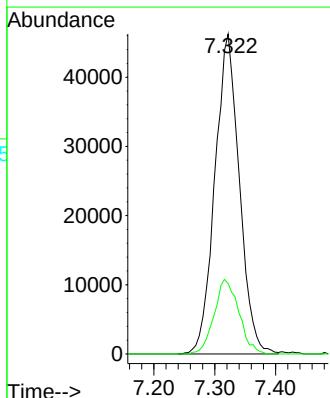
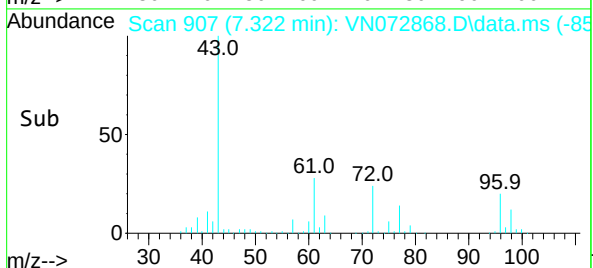
Reviewed By :John Carlone 06/15/2022
Supervised By :Mahesh Dadoda 06/15/2022

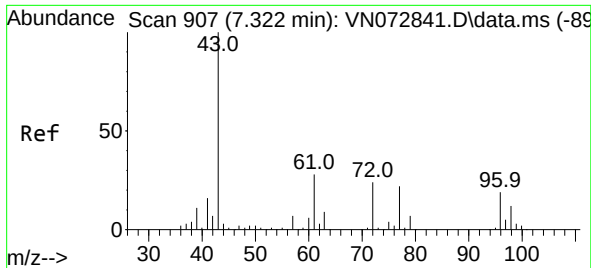


#26
2,2-Dichloropropane
Concen: 28.455 ug/l
RT: 7.322 min Scan# 907
Delta R.T. -0.000 min
Lab File: VN072868.D
Acq: 15 Jun 2022 06:46



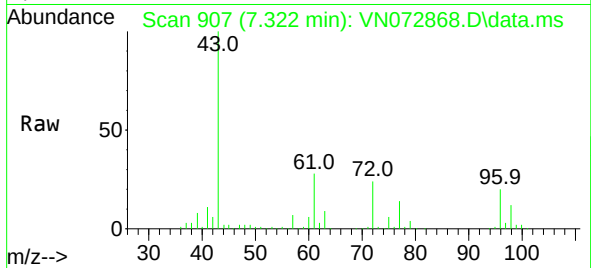
Tgt Ion: 77 Resp: 129043
Ion Ratio Lower Upper
77 100
97 23.5 11.4 34.2





#27
 cis-1,2-Dichloroethene
 Concen: 47.926 ug/l
 RT: 7.322 min Scan# 907
 Delta R.T. -0.000 min
 Lab File: VN072868.D
 Acq: 15 Jun 2022 06:46

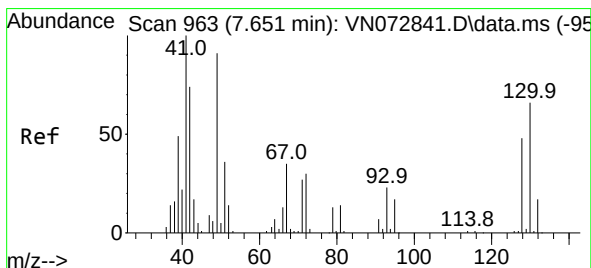
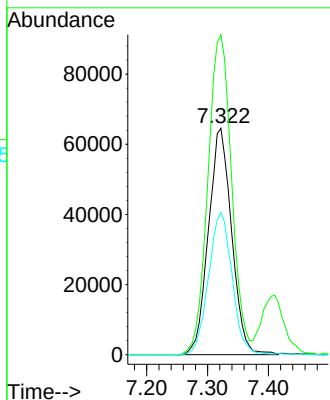
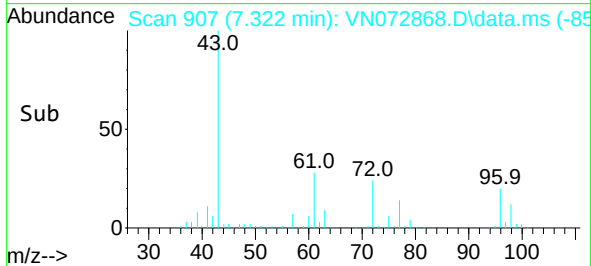
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 17114
 Ion Ratio Lower Upper
 96 100
 61 143.8 0.0 280.6
 98 63.7 0.0 128.4

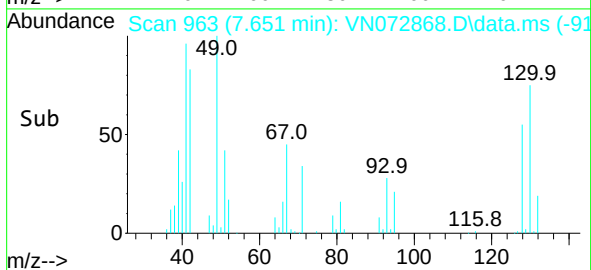
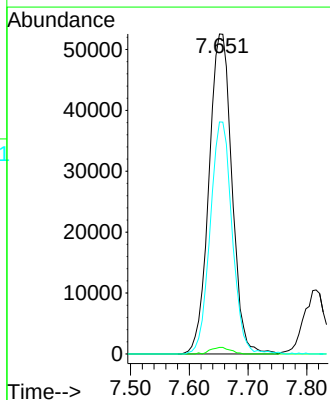
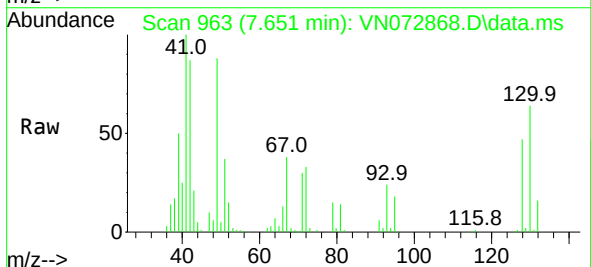
Manual Integrations
 APPROVED

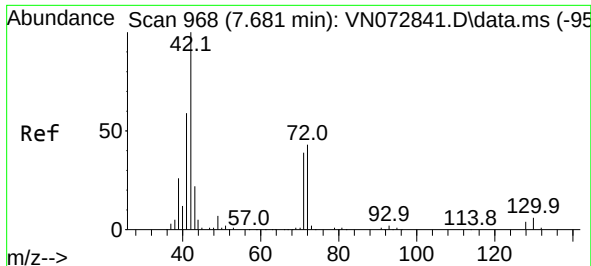
Reviewed By :John Carlone 06/15/2022
 Supervised By :Mahesh Dadoda 06/15/2022



#28
 Bromochloromethane
 Concen: 49.233 ug/l
 RT: 7.651 min Scan# 963
 Delta R.T. 0.000 min
 Lab File: VN072868.D
 Acq: 15 Jun 2022 06:46

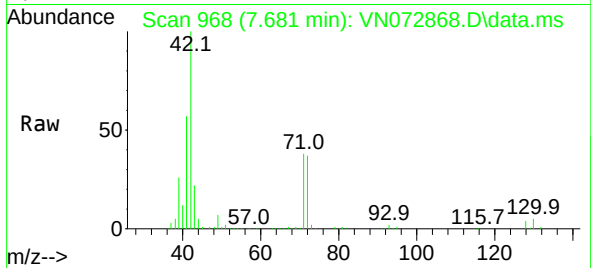
Tgt Ion: 49 Resp: 142658
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 4.6
 130 69.5 69.7 104.5#





#29
Tetrahydrofuran
Concen: 234.332 ug/l
RT: 7.681 min Scan# 90
Delta R.T. -0.000 min
Lab File: VN072868.D
Acq: 15 Jun 2022 06:46

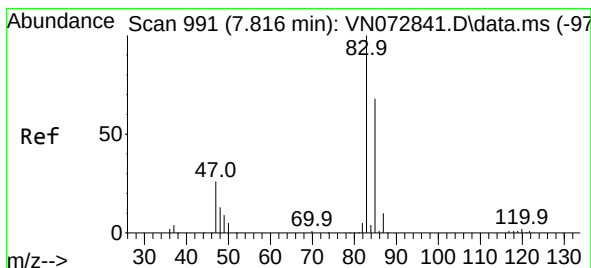
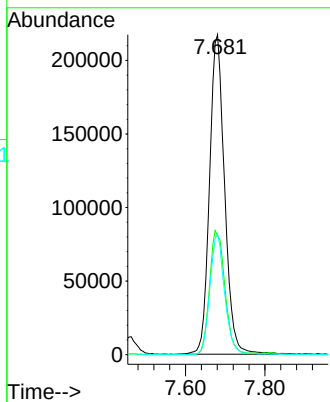
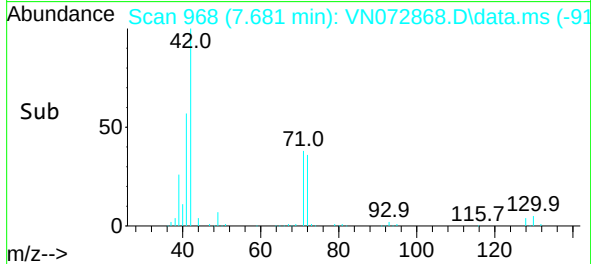
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



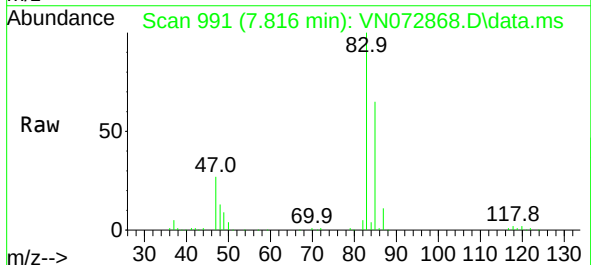
Tgt Ion: 42 Resp: 57392
Ion Ratio Lower Upper
42 100
72 40.0 39.7 59.5
71 36.9 36.6 55.0

Manual Integrations
APPROVED

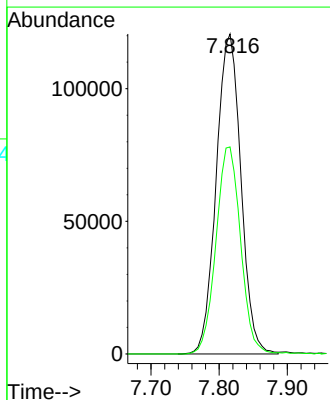
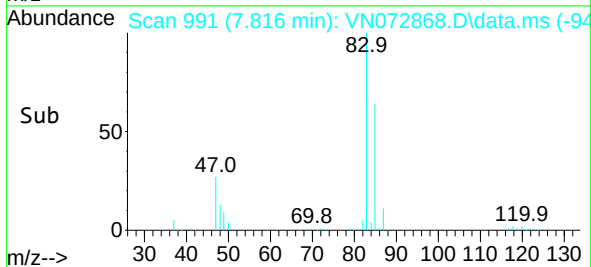
Reviewed By :John Carlone 06/15/2022
Supervised By :Mahesh Dadoda 06/15/2022

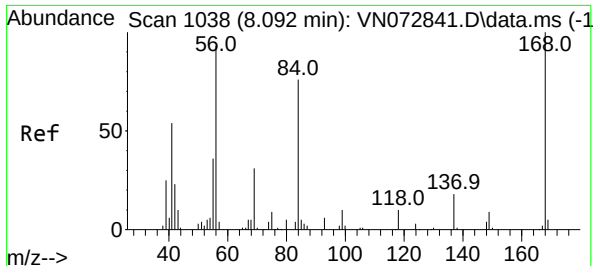


#30
Chloroform
Concen: 49.821 ug/l
RT: 7.816 min Scan# 991
Delta R.T. -0.000 min
Lab File: VN072868.D
Acq: 15 Jun 2022 06:46



Tgt Ion: 83 Resp: 304238
Ion Ratio Lower Upper
83 100
85 64.7 51.8 77.8





#31

Cyclohexane

Concen: 51.407 ug/l

RT: 8.092 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VN072868.D

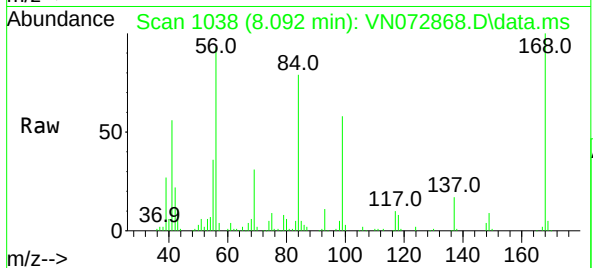
Acq: 15 Jun 2022 06:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 56 Resp: 227890

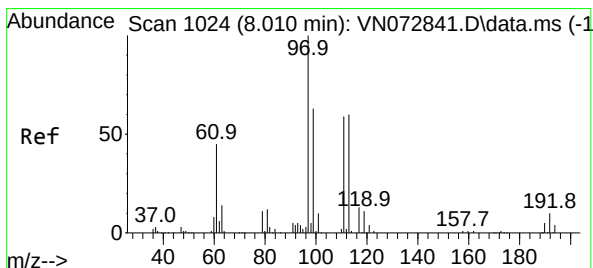
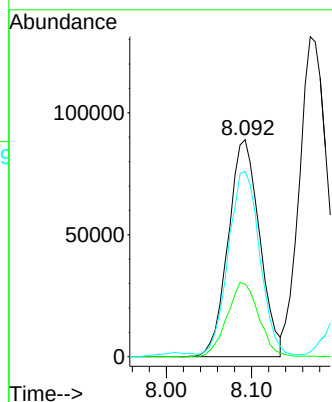
Ion	Ratio	Lower	Upper
56	100		
69	33.4	27.8	41.8
84	83.8	76.9	115.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/15/2022

Supervised By :Mahesh Dadoda 06/15/2022



#32

1,1,1-Trichloroethane

Concen: 50.897 ug/l

RT: 8.010 min Scan# 1024

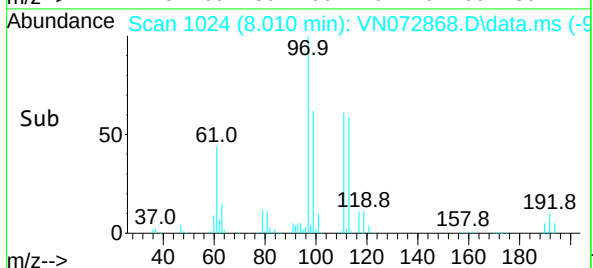
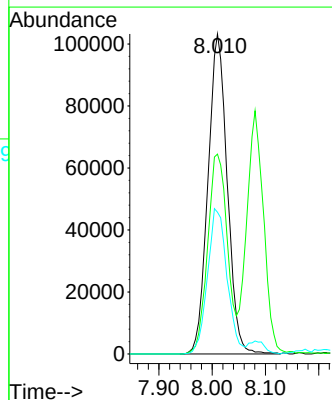
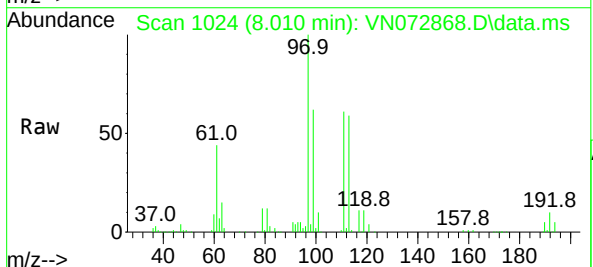
Delta R.T. -0.000 min

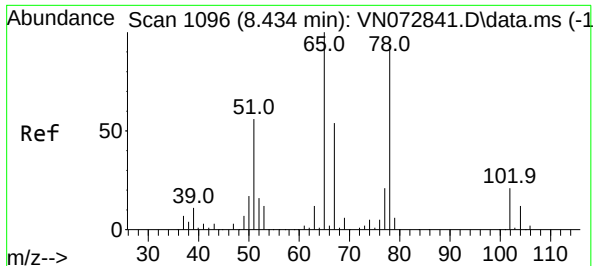
Lab File: VN072868.D

Acq: 15 Jun 2022 06:46

Tgt Ion: 97 Resp: 259488

Ion	Ratio	Lower	Upper
97	100		
99	63.9	50.6	76.0
61	46.4	36.0	54.0





#33

1,2-Dichloroethane-d4

Concen: 51.676 ug/l

RT: 8.433 min Scan# 1096

Delta R.T. -0.001 min

Lab File: VN072868.D

Acq: 15 Jun 2022 06:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 22388

Ion Ratio Lower Upper

65 100

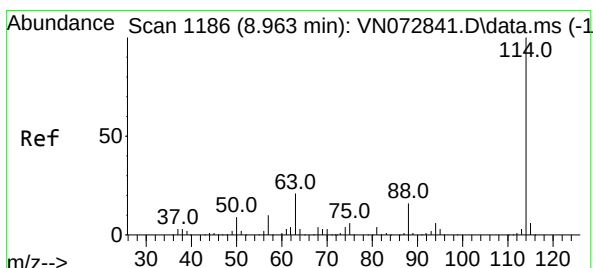
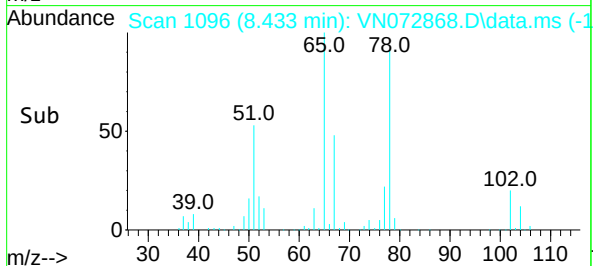
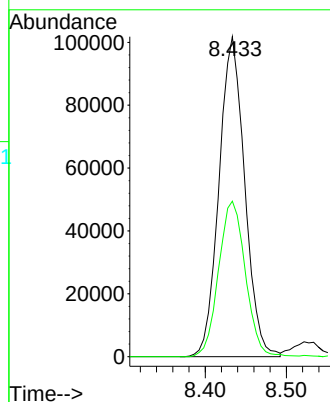
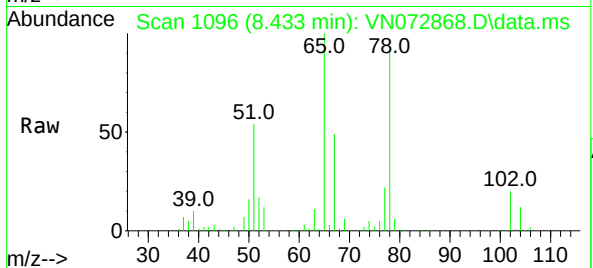
67 50.7 0.0 104.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/15/2022

Supervised By :Mahesh Dadoda 06/15/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. -0.000 min

Lab File: VN072868.D

Acq: 15 Jun 2022 06:46

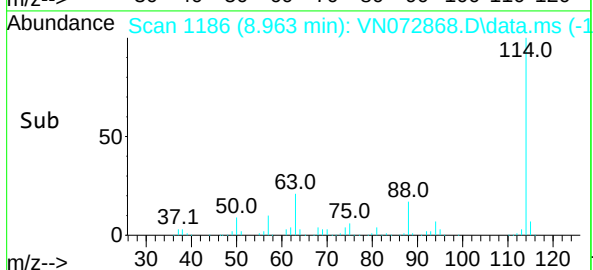
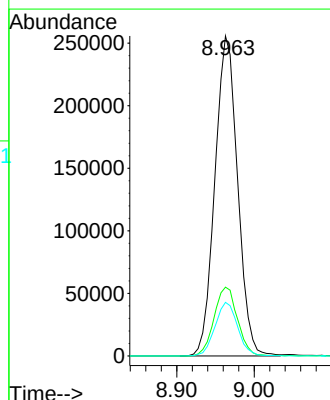
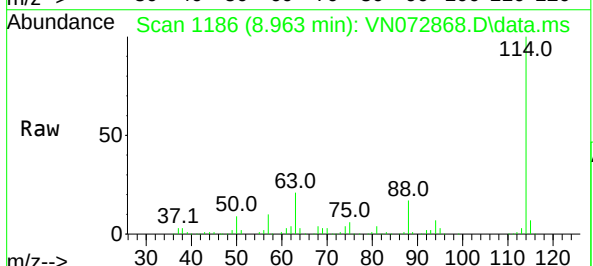
Tgt Ion:114 Resp: 521052

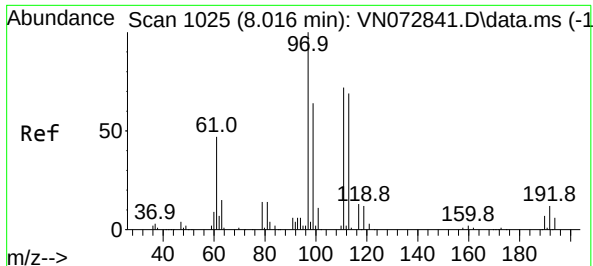
Ion Ratio Lower Upper

114 100

63 21.5 0.0 40.0

88 16.8 0.0 32.6





#35

Dibromofluoromethane

Concen: 51.152 ug/l

RT: 8.016 min Scan# 1025

Delta R.T. -0.000 min

Lab File: VN072868.D

Acq: 15 Jun 2022 06:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 113 Resp: 16501

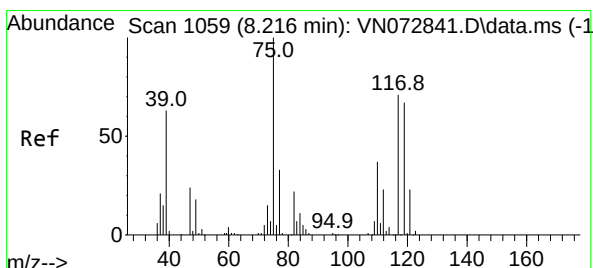
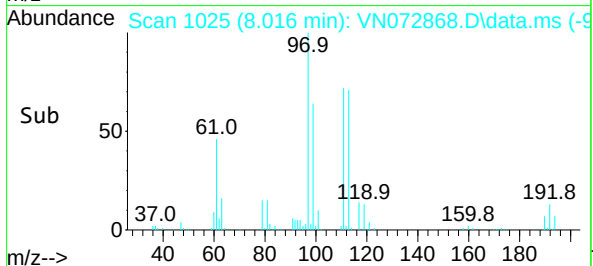
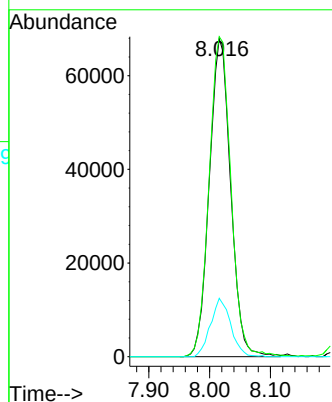
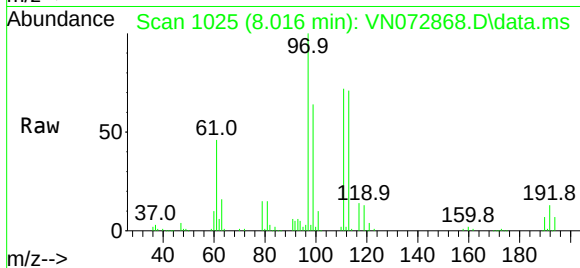
Ion	Ratio	Lower	Upper
113	100		
111	103.1	81.4	122.0
192	17.5	17.0	25.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/15/2022

Supervised By :Mahesh Dadoda 06/15/2022



#36

1,1-Dichloropropene

Concen: 46.502 ug/l

RT: 8.216 min Scan# 1059

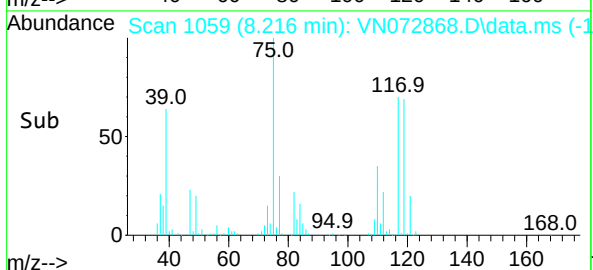
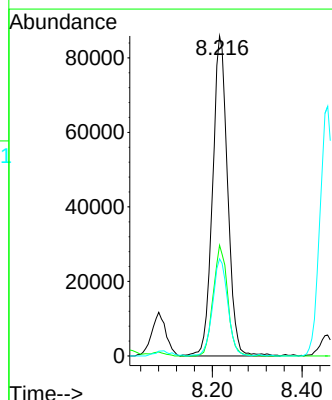
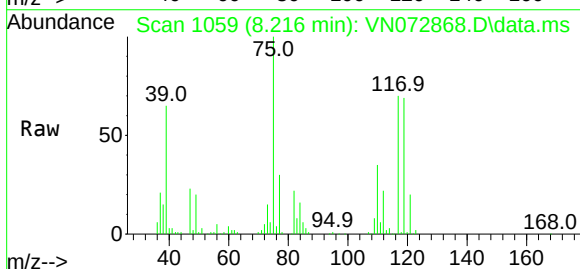
Delta R.T. -0.000 min

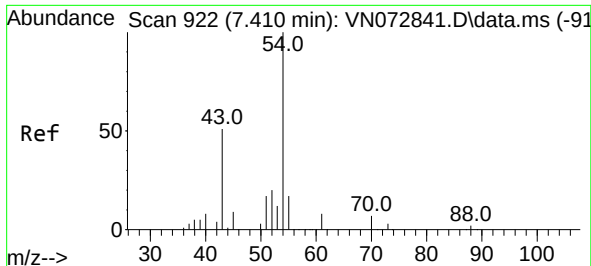
Lab File: VN072868.D

Acq: 15 Jun 2022 06:46

Tgt Ion: 75 Resp: 200347

Ion	Ratio	Lower	Upper
75	100		
110	33.1	18.3	54.8
77	30.4	25.1	37.7





#37

Ethyl Acetate

Concen: 46.942 ug/l

RT: 7.404 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN072868.D

Acq: 15 Jun 2022 06:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 341219

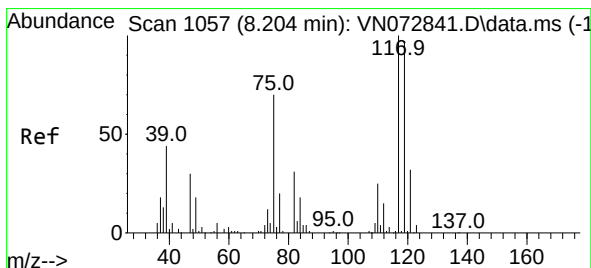
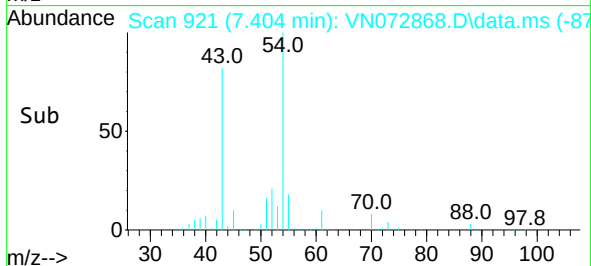
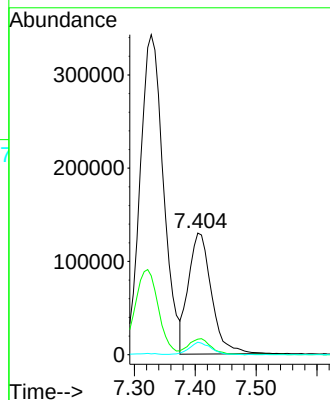
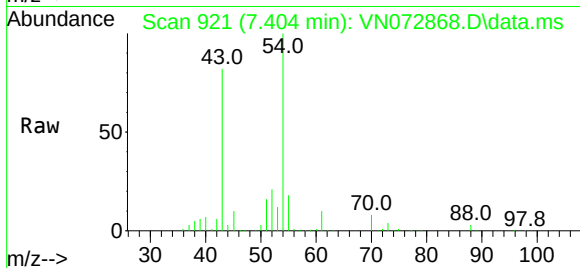
Ion	Ratio	Lower	Upper
43	100		
61	13.3	11.8	17.6
70	9.8	9.3	13.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/15/2022

Supervised By :Mahesh Dadoda 06/15/2022



#38

Carbon Tetrachloride

Concen: 48.838 ug/l

RT: 8.204 min Scan# 1057

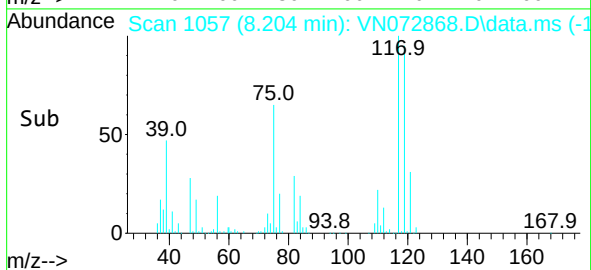
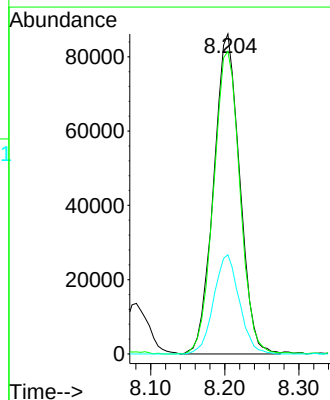
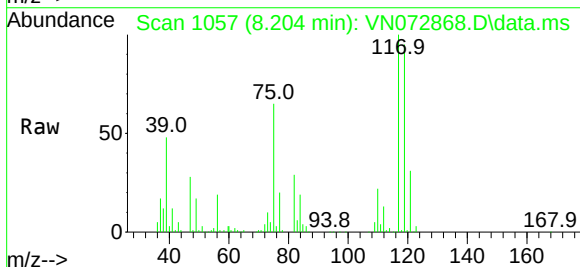
Delta R.T. 0.000 min

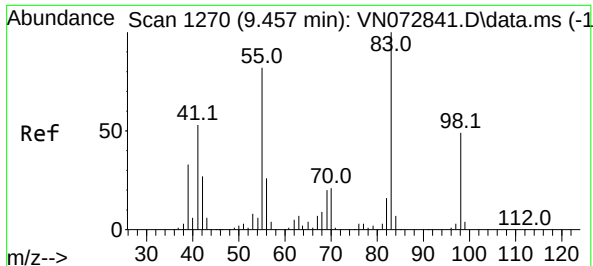
Lab File: VN072868.D

Acq: 15 Jun 2022 06:46

Tgt Ion:117 Resp: 210046

Ion	Ratio	Lower	Upper
117	100		
119	94.3	75.8	113.8
121	31.0	24.6	37.0





#39

Methylcyclohexane

Concen: 45.355 ug/l

RT: 9.457 min Scan# 1100

Delta R.T. -0.000 min

Lab File: VN072868.D

Acq: 15 Jun 2022 06:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 221840

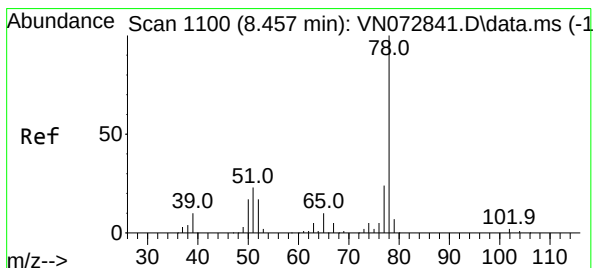
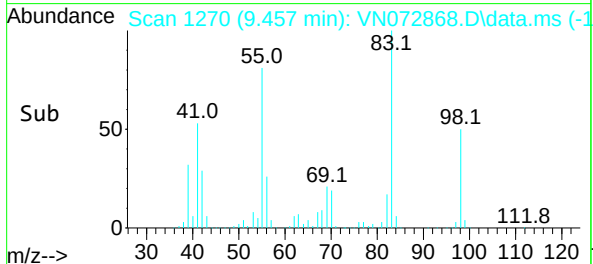
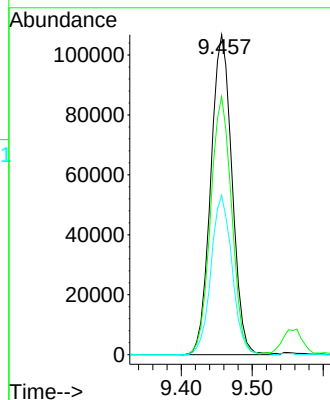
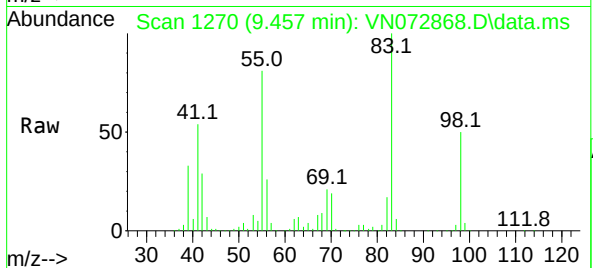
Ion	Ratio	Lower	Upper
83	100		
55	80.6	57.8	86.8
98	49.8	39.4	59.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/15/2022

Supervised By :Mahesh Dadoda 06/15/2022



#40

Benzene

Concen: 46.744 ug/l

RT: 8.457 min Scan# 1100

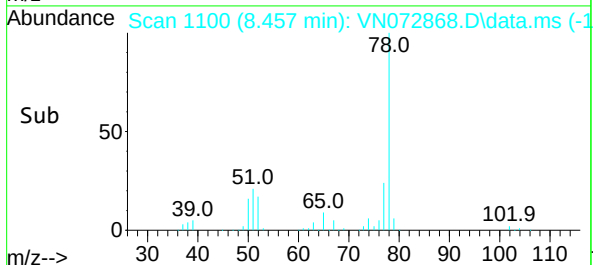
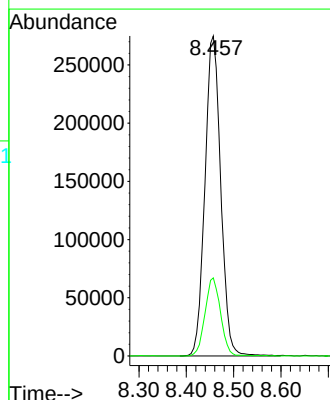
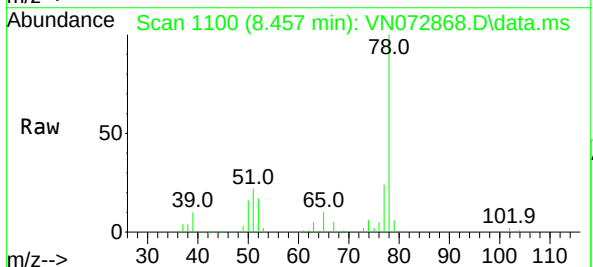
Delta R.T. 0.000 min

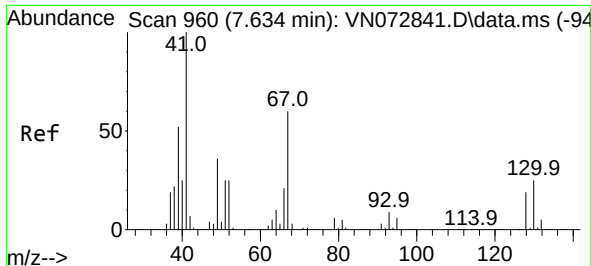
Lab File: VN072868.D

Acq: 15 Jun 2022 06:46

Tgt Ion: 78 Resp: 636630

Ion	Ratio	Lower	Upper
78	100		
77	24.4	19.4	29.0





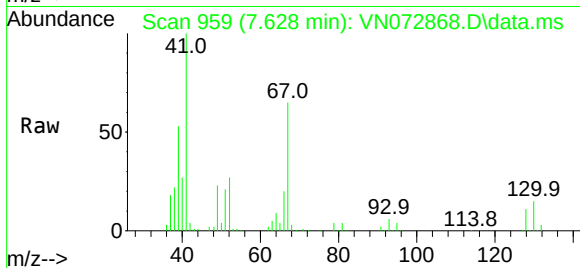
#41
Methacrylonitrile
Concen: 52.076 ug/l
RT: 7.628 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN072868.D
Acq: 15 Jun 2022 06:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



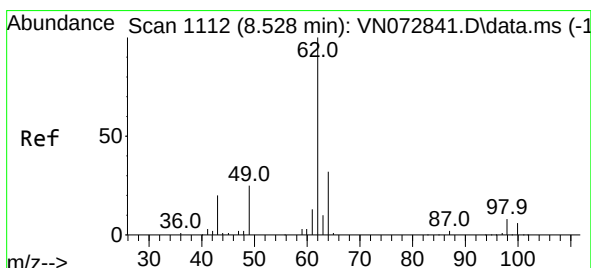
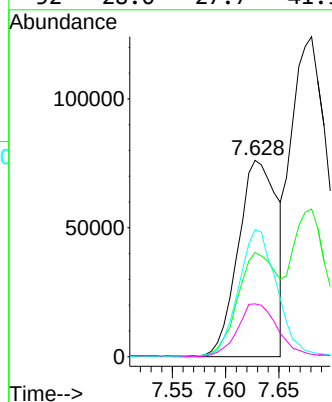
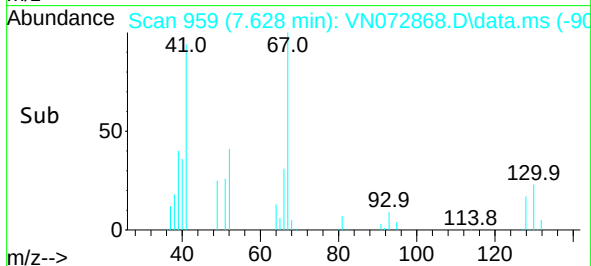
Tgt Ion: 41 Resp: 19407
Ion Ratio Lower Upper
41 100
39 52.8 48.6 73.0
67 64.3 73.4 110.2
52 28.0 27.7 41.5

Manual Integrations

APPROVED

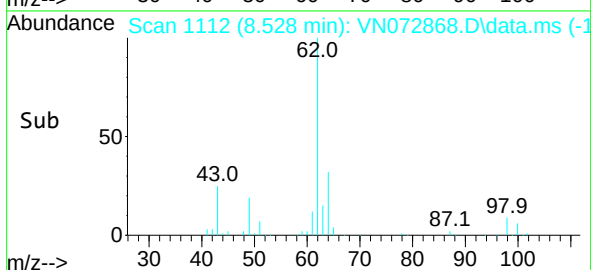
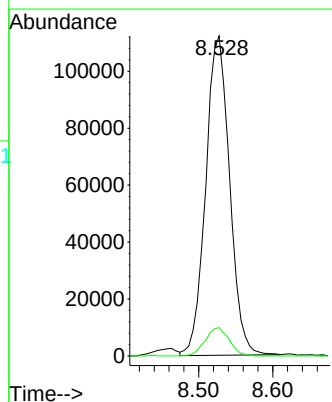
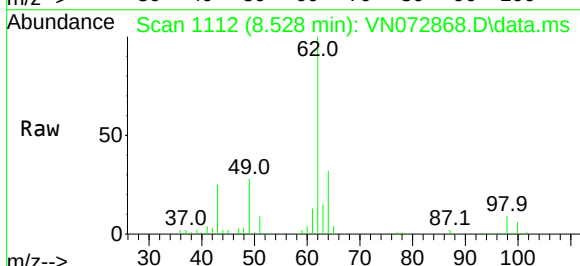
Reviewed By :John Carlone 06/15/2022

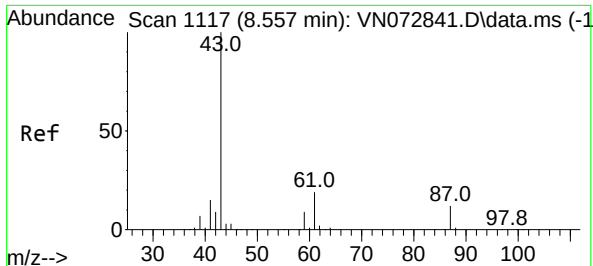
Supervised By :Mahesh Dadoda 06/15/2022



#42
1,2-Dichloroethane
Concen: 47.671 ug/l
RT: 8.528 min Scan# 1112
Delta R.T. -0.000 min
Lab File: VN072868.D
Acq: 15 Jun 2022 06:46

Tgt Ion: 62 Resp: 251344
Ion Ratio Lower Upper
62 100
98 8.9 0.0 19.4





#43

Isopropyl Acetate

Concen: 53.510 ug/l

RT: 8.557 min Scan# 1117

Delta R.T. 0.000 min

Lab File: VN072868.D

Acq: 15 Jun 2022 06:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDC050EC

Tgt Ion: 43 Resp: 573074

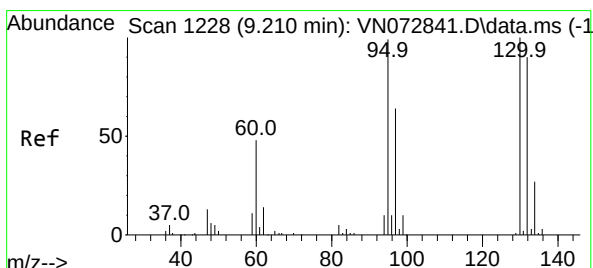
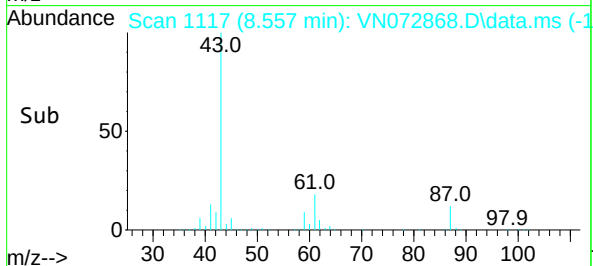
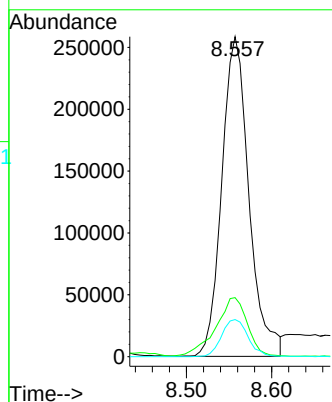
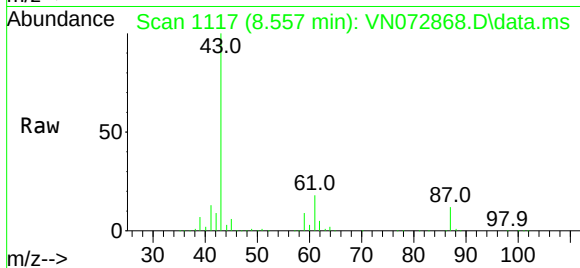
Ion	Ratio	Lower	Upper
43	100		
61	21.5	21.9	32.9
87	11.4	12.0	18.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/15/2022

Supervised By :Mahesh Dadoda 06/15/2022



#44

Trichloroethene

Concen: 45.088 ug/l

RT: 9.216 min Scan# 1229

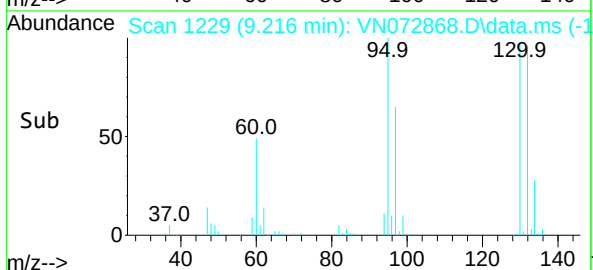
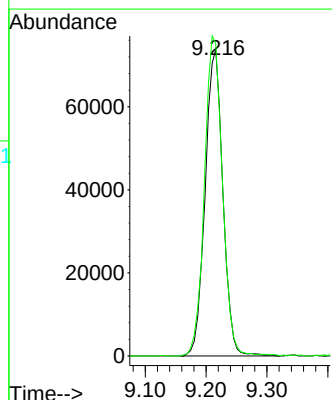
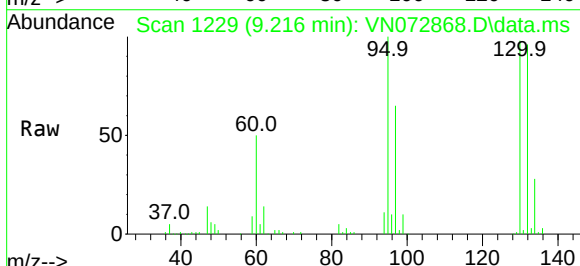
Delta R.T. 0.006 min

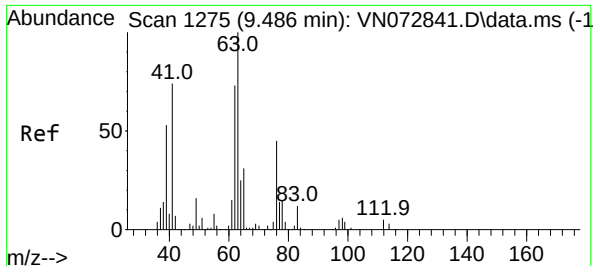
Lab File: VN072868.D

Acq: 15 Jun 2022 06:46

Tgt Ion:130 Resp: 149251

Ion	Ratio	Lower	Upper
130	100		
95	101.9	0.0	186.8





#45

1,2-Dichloropropane

Concen: 47.246 ug/l

RT: 9.486 min Scan# 1275

Delta R.T. 0.000 min

Lab File: VN072868.D

Acq: 15 Jun 2022 06:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 179120

Ion Ratio Lower Upper

63 100

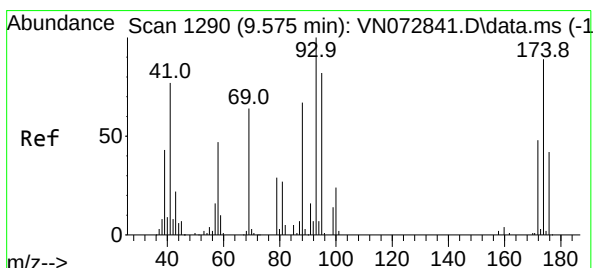
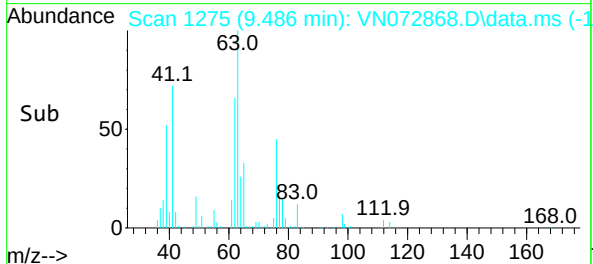
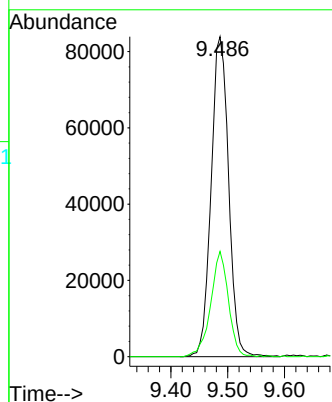
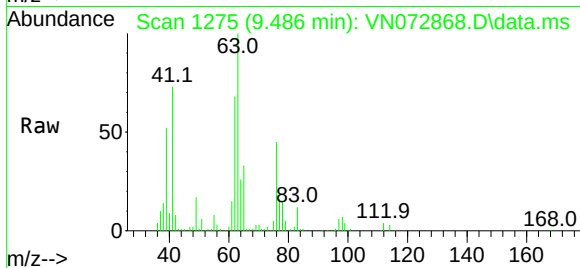
65 32.9 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/15/2022

Supervised By :Mahesh Dadoda 06/15/2022



#46

Dibromomethane

Concen: 50.270 ug/l

RT: 9.575 min Scan# 1290

Delta R.T. -0.000 min

Lab File: VN072868.D

Acq: 15 Jun 2022 06:46

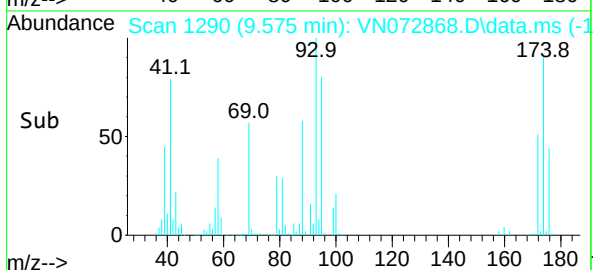
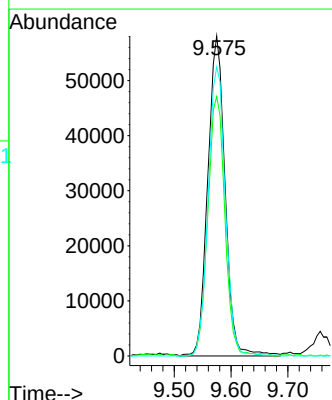
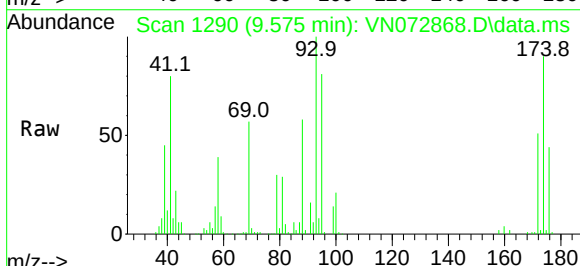
Tgt Ion: 93 Resp: 122753

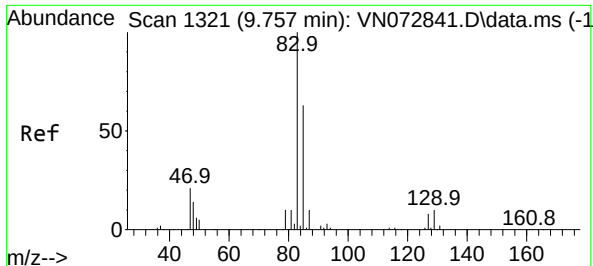
Ion Ratio Lower Upper

93 100

95 79.6 66.9 100.3

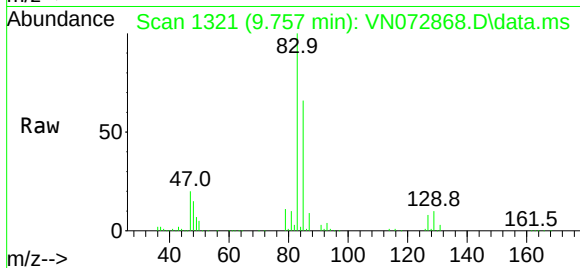
174 89.3 86.6 130.0





#47
Bromodichloromethane
Concen: 51.313 ug/l
RT: 9.757 min Scan# 1321
Delta R.T. -0.000 min
Lab File: VN072868.D
Acq: 15 Jun 2022 06:46

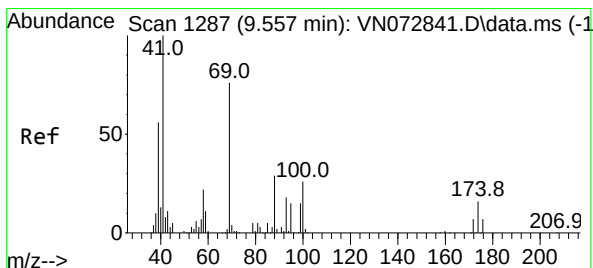
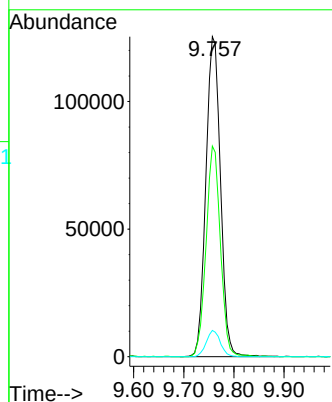
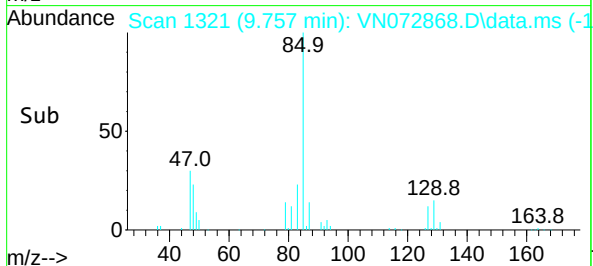
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



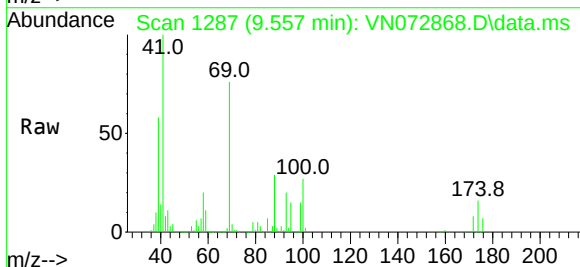
Tgt Ion: 83 Resp: 25415
Ion Ratio Lower Upper
83 100
85 65.8 50.5 75.7
127 8.2 6.8 10.2

Manual Integrations
APPROVED

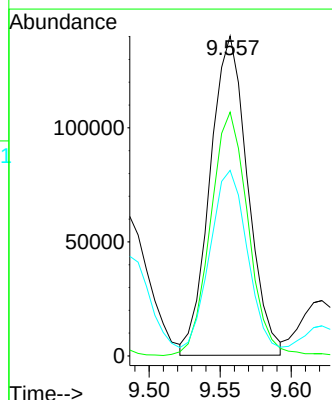
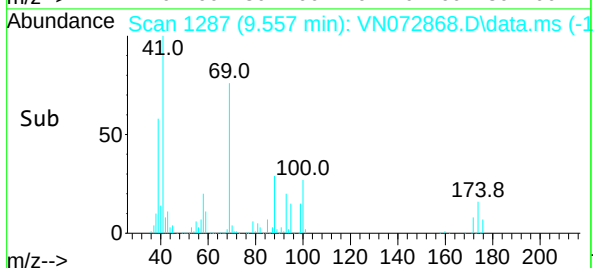
Reviewed By :John Carlone 06/15/2022
Supervised By :Mahesh Dadoda 06/15/2022

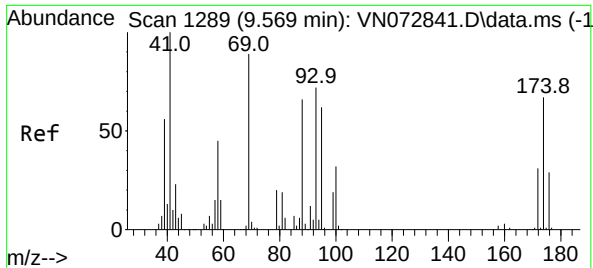


#48
Methyl methacrylate
Concen: 50.583 ug/l
RT: 9.557 min Scan# 1287
Delta R.T. -0.000 min
Lab File: VN072868.D
Acq: 15 Jun 2022 06:46



Tgt Ion: 41 Resp: 258265
Ion Ratio Lower Upper
41 100
69 76.4 74.7 112.1
39 59.1 45.6 68.4





#49

1,4-Dioxane

Concen: 917.262 ug/l

RT: 9.563 min Scan# 1288

Delta R.T. -0.006 min

Lab File: VN072868.D

Acq: 15 Jun 2022 06:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 9498

Ion Ratio Lower Upper

88 100

43 34.9 20.2 30.4

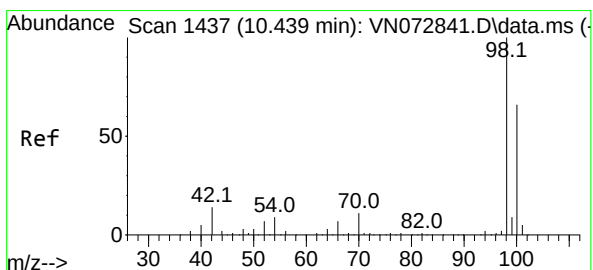
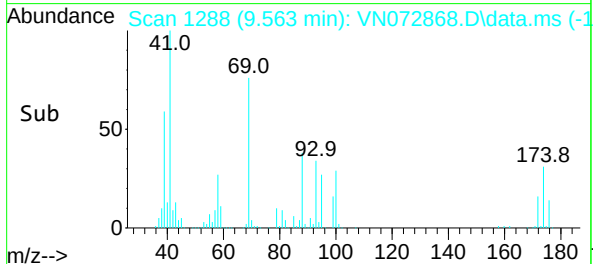
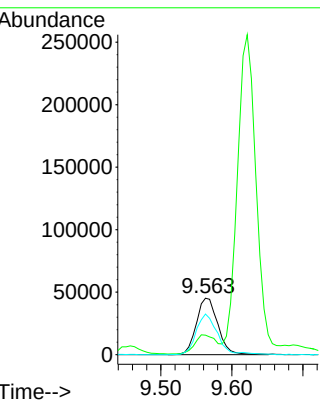
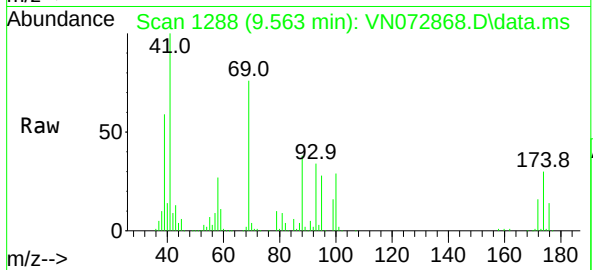
58 72.0 54.2 81.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/15/2022

Supervised By :Mahesh Dadoda 06/15/2022



#50

Toluene-d8

Concen: 51.630 ug/l

RT: 10.439 min Scan# 1437

Delta R.T. 0.000 min

Lab File: VN072868.D

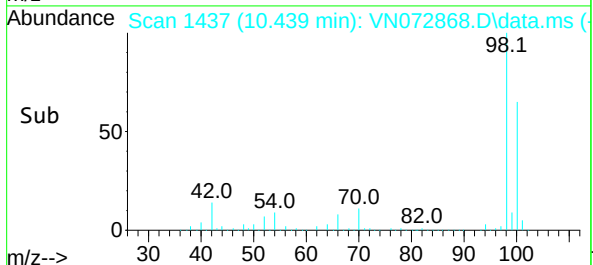
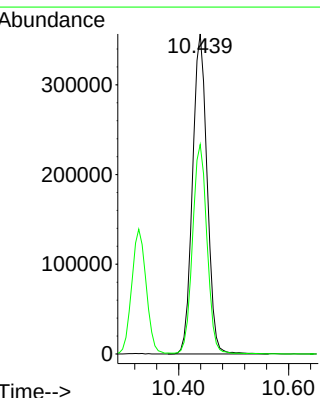
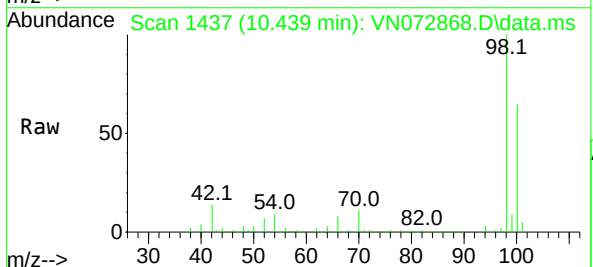
Acq: 15 Jun 2022 06:46

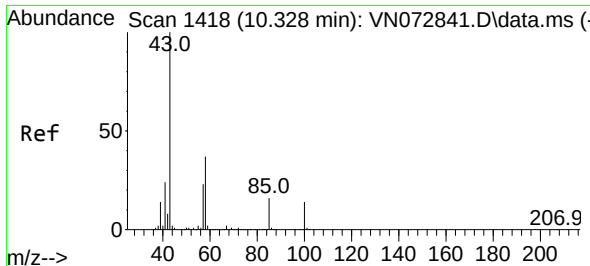
Tgt Ion: 98 Resp: 657310

Ion Ratio Lower Upper

98 100

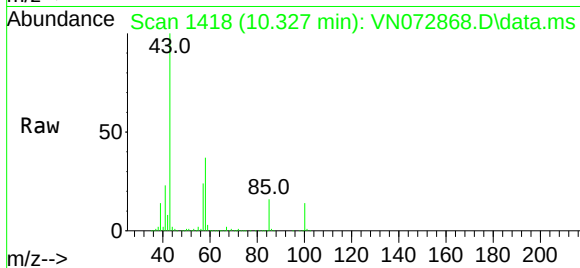
100 65.0 52.6 78.8





#51
4-Methyl-2-Pentanone
Concen: 248.126 ug/l
RT: 10.327 min Scan# 1418
Delta R.T. -0.001 min
Lab File: VN072868.D
Acq: 15 Jun 2022 06:46

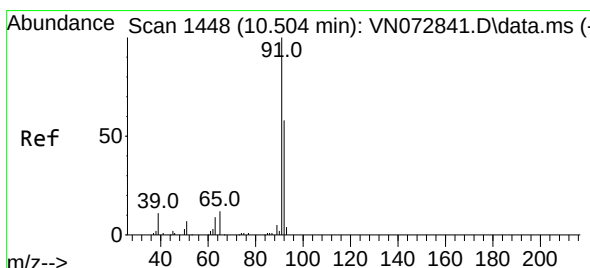
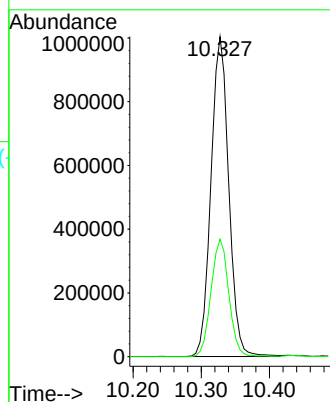
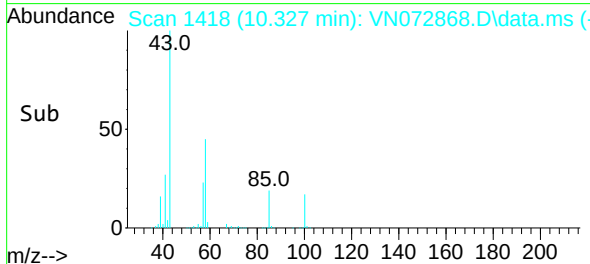
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 182136
Ion Ratio Lower Upper
43 100
58 36.7 34.1 51.1

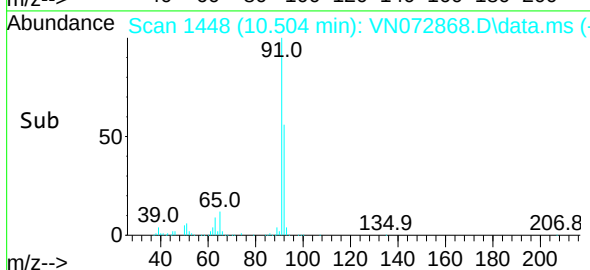
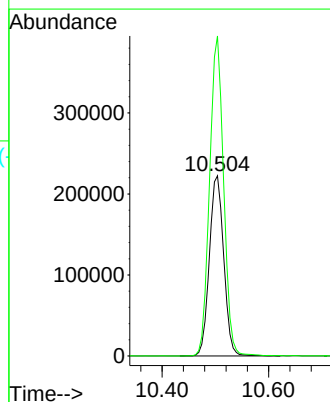
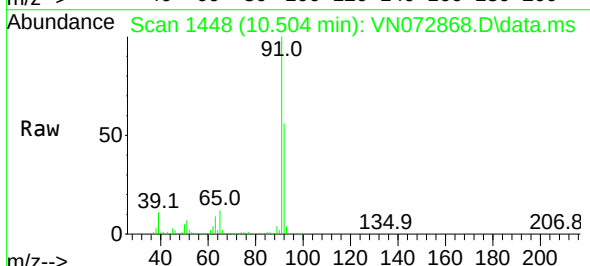
Manual Integrations
APPROVED

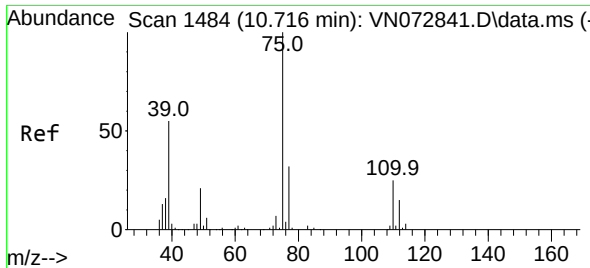
Reviewed By :John Carlone 06/15/2022
Supervised By :Mahesh Dadoda 06/15/2022



#52
Toluene
Concen: 49.186 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN072868.D
Acq: 15 Jun 2022 06:46

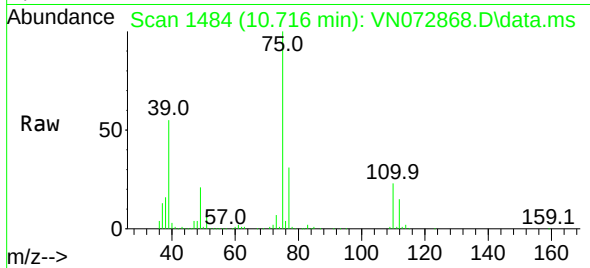
Tgt Ion: 92 Resp: 416120
Ion Ratio Lower Upper
92 100
91 173.5 138.6 207.8





#53
t-1,3-Dichloropropene
Concen: 49.748 ug/l
RT: 10.716 min Scan# 1484
Delta R.T. -0.000 min
Lab File: VN072868.D
Acq: 15 Jun 2022 06:46

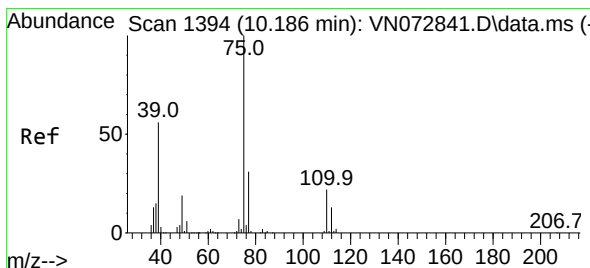
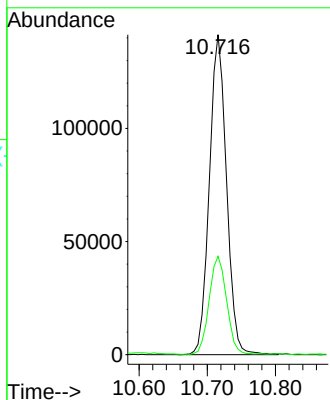
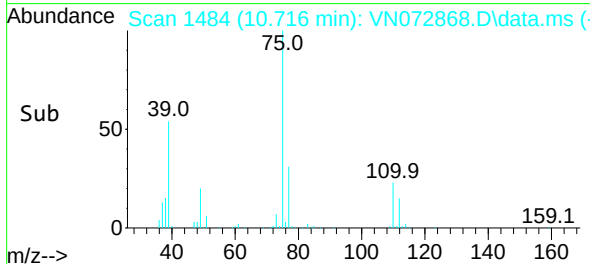
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



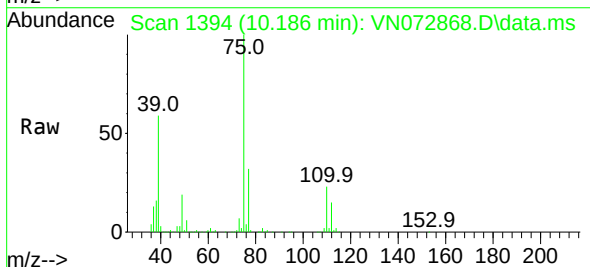
Tgt Ion: 75 Resp: 247564
Ion Ratio Lower Upper
75 100
77 30.6 25.6 38.4

Manual Integrations
APPROVED

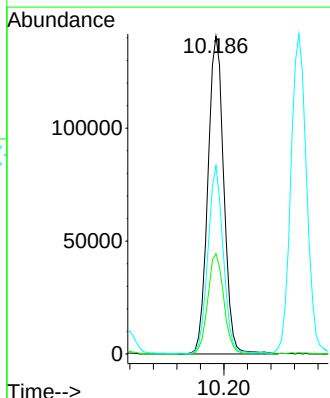
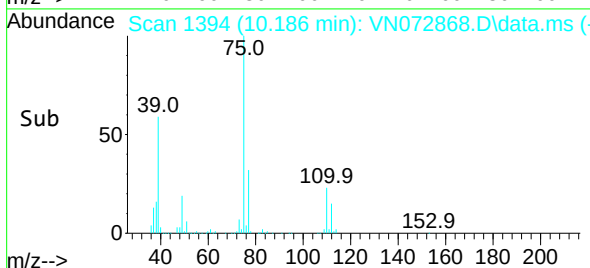
Reviewed By :John Carlone 06/15/2022
Supervised By :Mahesh Dadoda 06/15/2022

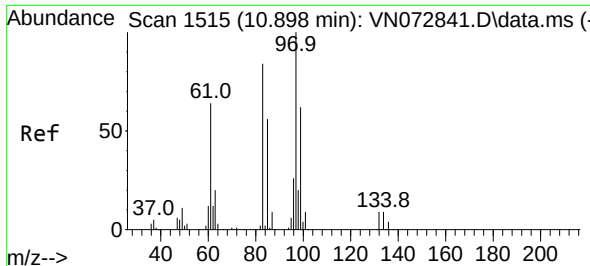


#54
cis-1,3-Dichloropropene
Concen: 48.445 ug/l
RT: 10.186 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VN072868.D
Acq: 15 Jun 2022 06:46



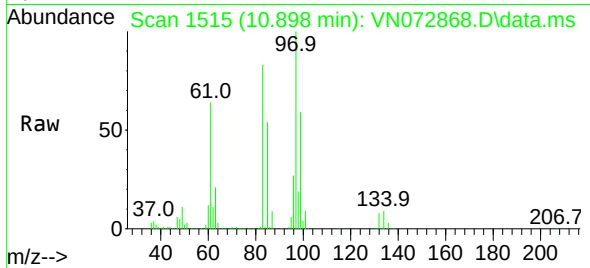
Tgt Ion: 75 Resp: 264597
Ion Ratio Lower Upper
75 100
77 31.6 25.2 37.8
39 59.1 35.7 53.5#





#55
1,1,2-Trichloroethane
Concen: 48.416 ug/l
RT: 10.898 min Scan# 1515
Delta R.T. 0.000 min
Lab File: VN072868.D
Acq: 15 Jun 2022 06:46

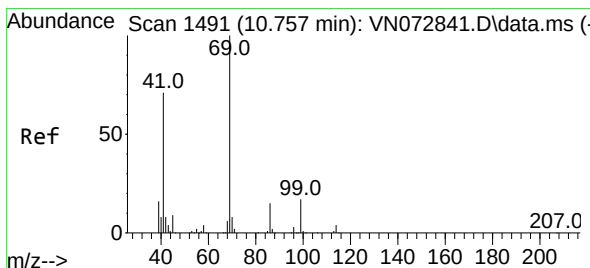
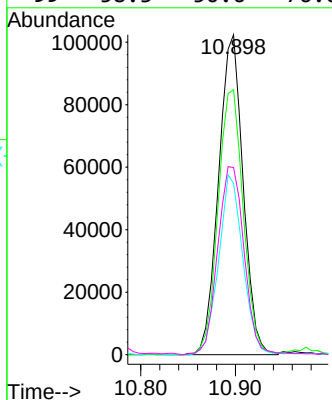
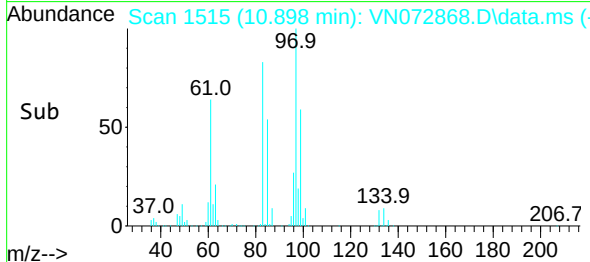
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



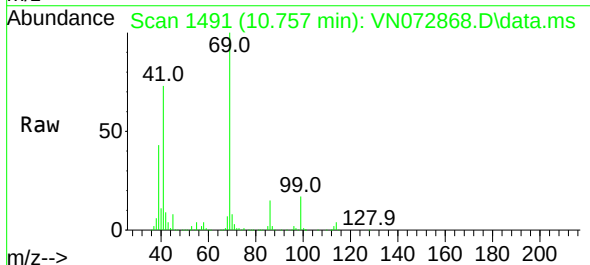
Tgt Ion: 97 Resp: 18446
Ion Ratio Lower Upper
97 100
83 82.8 66.2 99.4
85 53.5 43.9 65.9
99 58.3 50.6 76.0

Manual Integrations
APPROVED

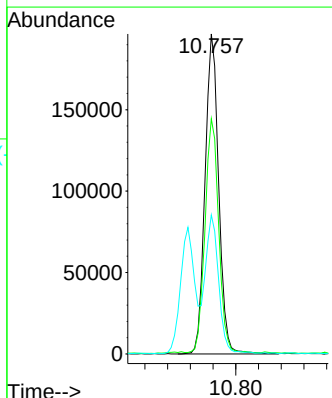
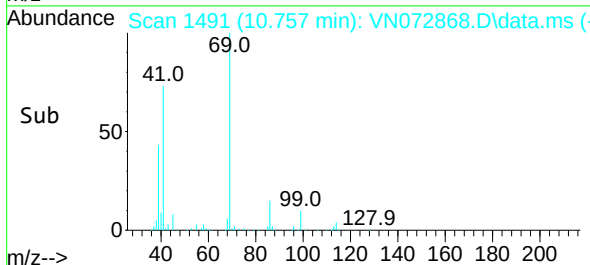
Reviewed By :John Carlone 06/15/2022
Supervised By :Mahesh Dadoda 06/15/2022

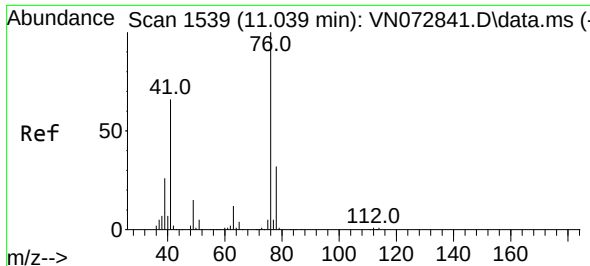


#56
Ethyl methacrylate
Concen: 51.341 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VN072868.D
Acq: 15 Jun 2022 06:46



Tgt Ion: 69 Resp: 326261
Ion Ratio Lower Upper
69 100
41 73.4 47.8 71.6#
39 43.3 27.3 40.9#





#57

1,3-Dichloropropane

Concen: 47.943 ug/l

RT: 11.039 min Scan# 1539

Delta R.T. 0.000 min

Lab File: VN072868.D

Acq: 15 Jun 2022 06:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 314720

Ion Ratio Lower Upper

76 100

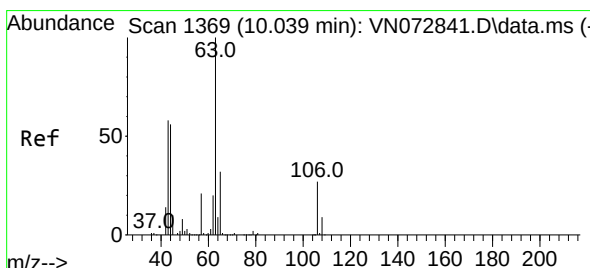
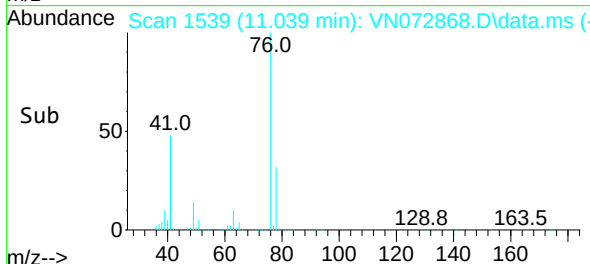
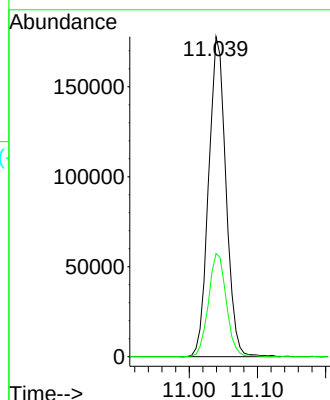
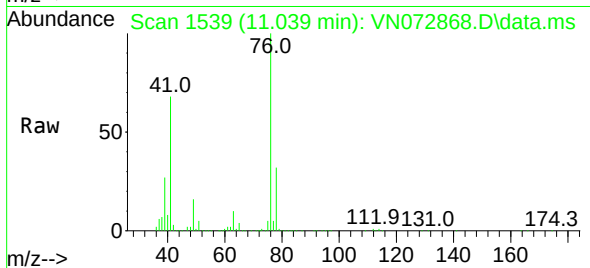
78 33.2 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/15/2022

Supervised By :Mahesh Dadoda 06/15/2022



#58

2-Chloroethyl Vinyl ether

Concen: 263.852 ug/l

RT: 10.039 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VN072868.D

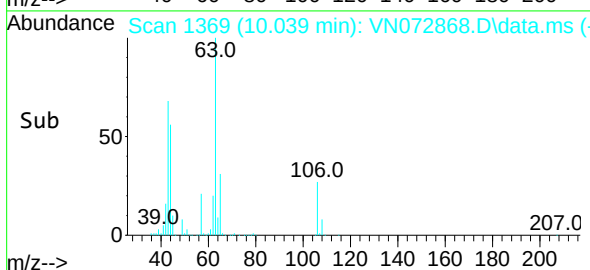
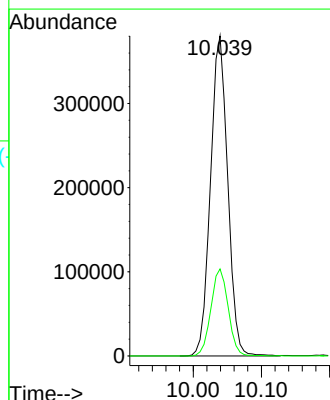
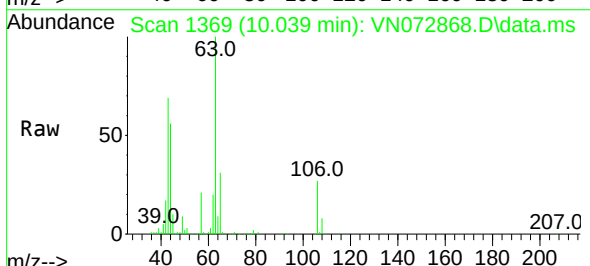
Acq: 15 Jun 2022 06:46

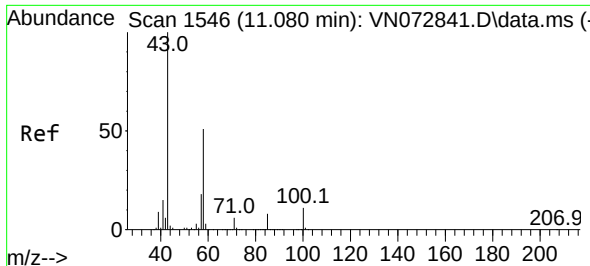
Tgt Ion: 63 Resp: 668896

Ion Ratio Lower Upper

63 100

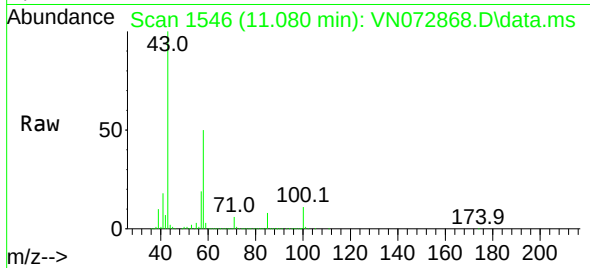
106 27.2 24.6 36.8





#59
2-Hexanone
Concen: 253.347 ug/l
RT: 11.080 min Scan# 1546
Delta R.T. 0.000 min
Lab File: VN072868.D
Acq: 15 Jun 2022 06:46

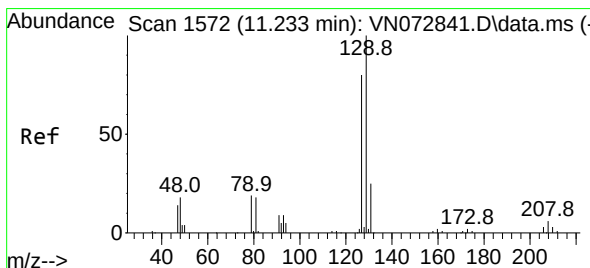
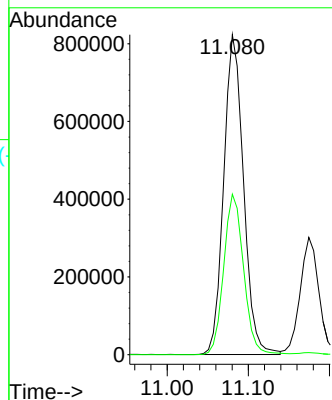
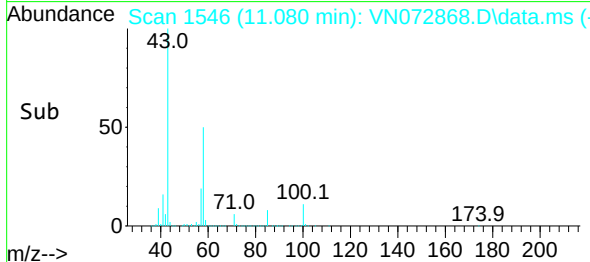
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 139624
Ion Ratio Lower Upper
43 100
58 50.4 29.7 89.1

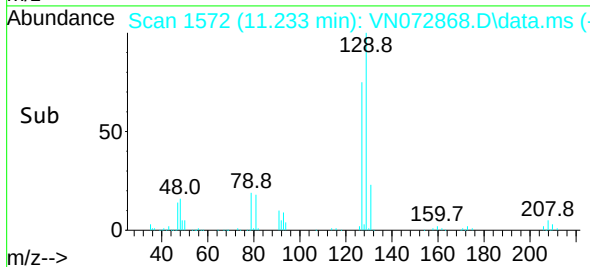
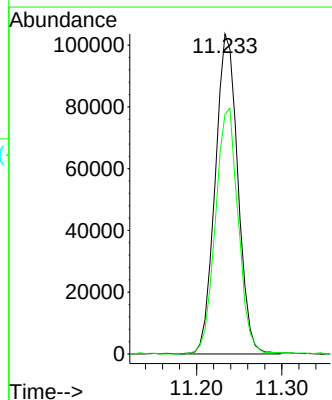
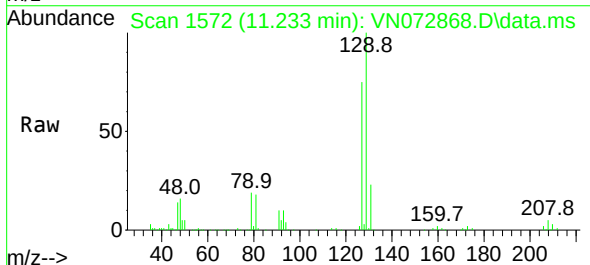
Manual Integrations
APPROVED

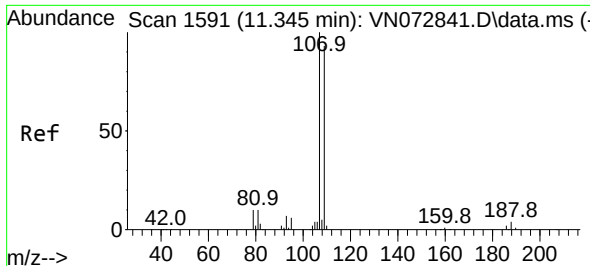
Reviewed By :John Carlone 06/15/2022
Supervised By :Mahesh Dadoda 06/15/2022



#60
Dibromochloromethane
Concen: 53.398 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN072868.D
Acq: 15 Jun 2022 06:46

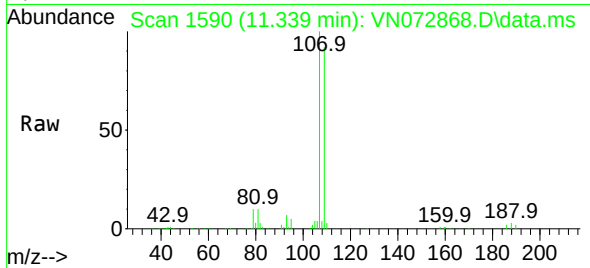
Tgt Ion:129 Resp: 191675
Ion Ratio Lower Upper
129 100
127 77.1 38.8 116.4





#61
1,2-Dibromoethane
Concen: 50.500 ug/l
RT: 11.339 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN072868.D
Acq: 15 Jun 2022 06:46

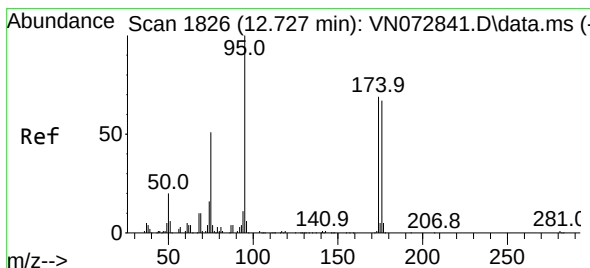
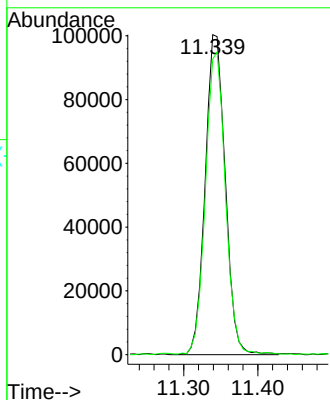
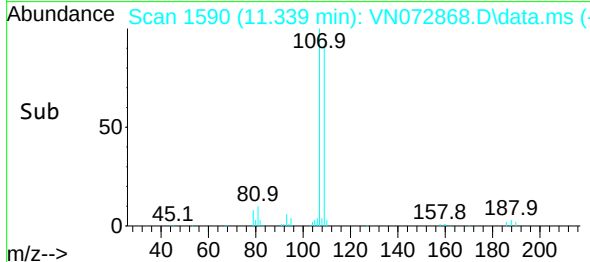
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:107 Resp: 18881
Ion Ratio Lower Upper
107 100
109 93.1 75.0 112.6

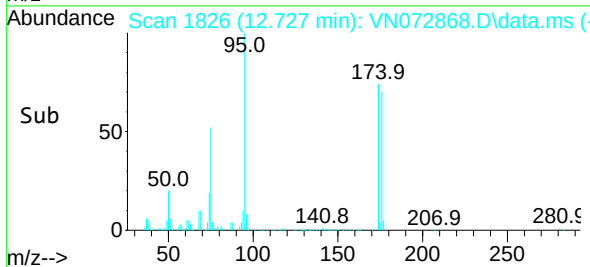
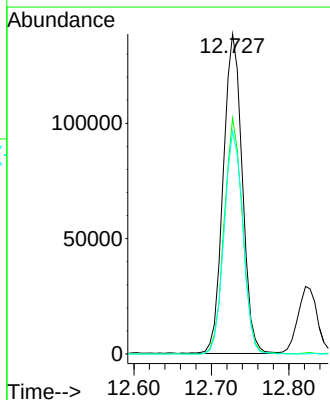
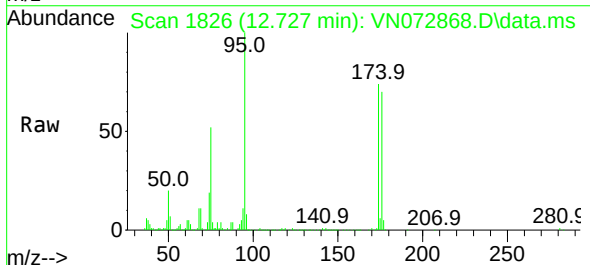
Manual Integrations
APPROVED

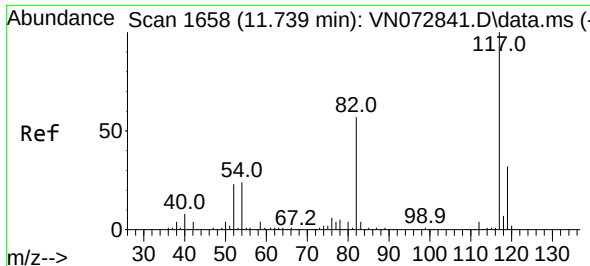
Reviewed By :John Carlone 06/15/2022
Supervised By :Mahesh Dadoda 06/15/2022



#62
4-Bromofluorobenzene
Concen: 55.324 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072868.D
Acq: 15 Jun 2022 06:46

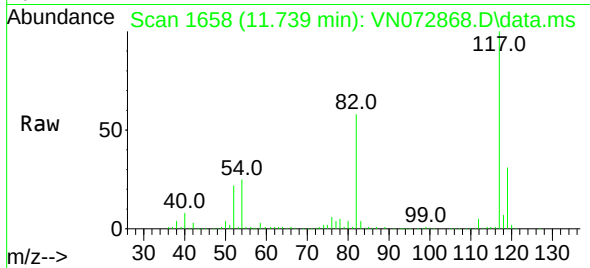
Tgt Ion: 95 Resp: 236432
Ion Ratio Lower Upper
95 100
174 71.3 0.0 167.6
176 68.9 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN072868.D
Acq: 15 Jun 2022 06:46

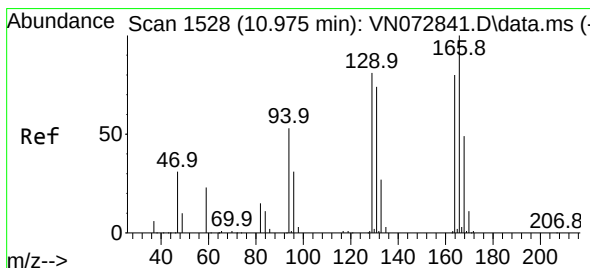
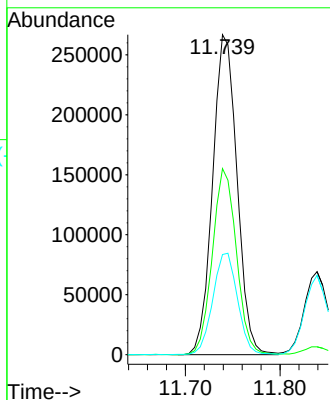
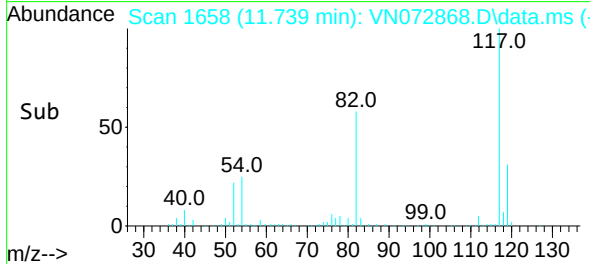
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



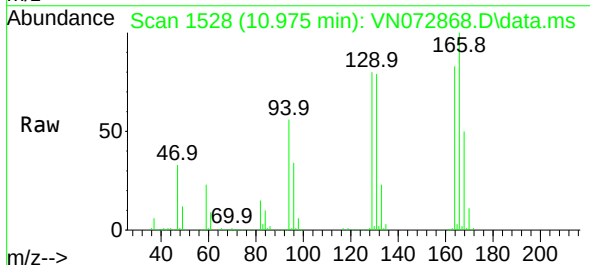
Tgt Ion:117 Resp: 478369
Ion Ratio Lower Upper
117 100
82 58.1 44.2 66.2
119 31.2 25.4 38.0

Manual Integrations
APPROVED

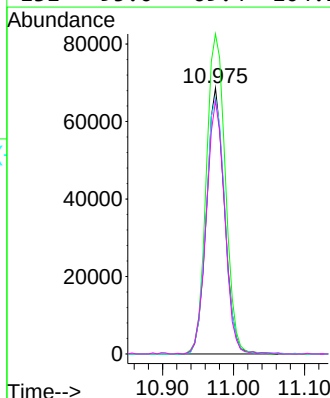
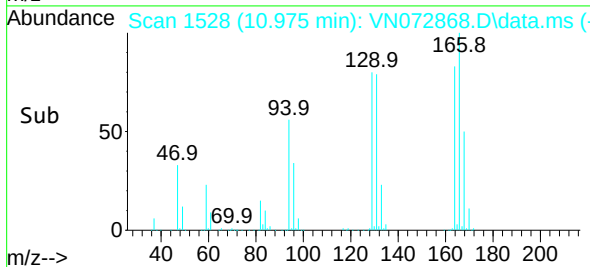
Reviewed By :John Carlone 06/15/2022
Supervised By :Mahesh Dadoda 06/15/2022

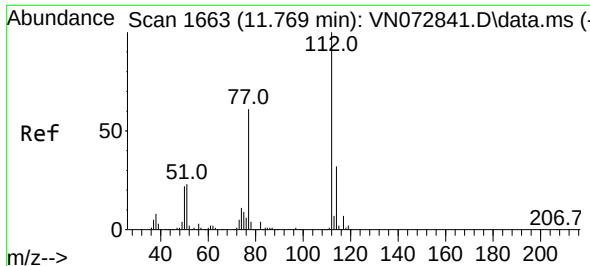


#64
Tetrachloroethene
Concen: 39.420 ug/l
RT: 10.975 min Scan# 1528
Delta R.T. -0.000 min
Lab File: VN072868.D
Acq: 15 Jun 2022 06:46



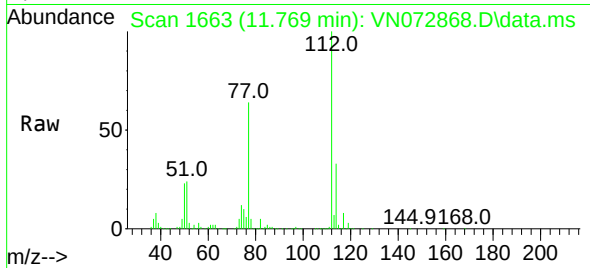
Tgt Ion:164 Resp: 120975
Ion Ratio Lower Upper
164 100
166 120.4 104.2 156.2
129 96.2 73.9 110.9
131 95.0 69.4 104.2





#65
Chlorobenzene
Concen: 47.296 ug/l
RT: 11.769 min Scan# 1663
Delta R.T. -0.000 min
Lab File: VN072868.D
Acq: 15 Jun 2022 06:46

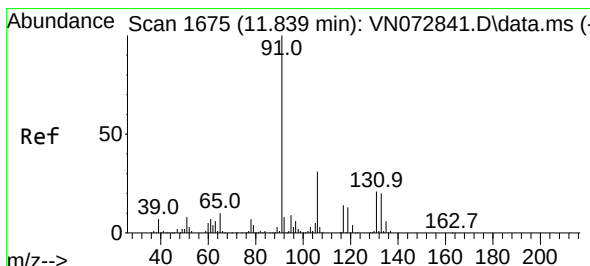
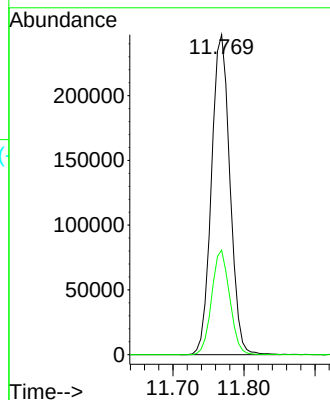
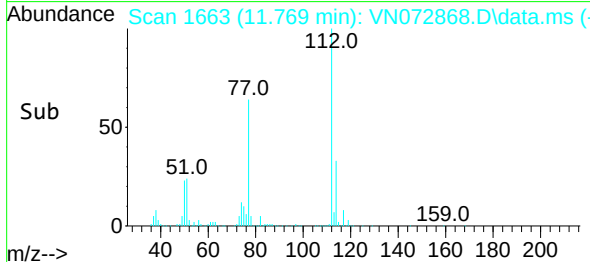
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



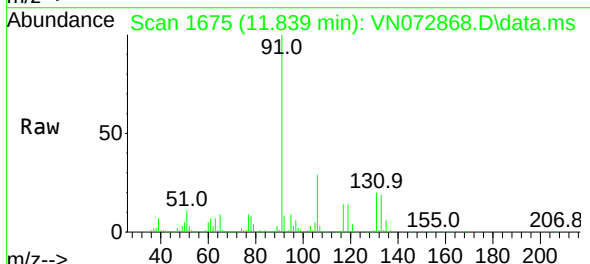
Tgt Ion:112 Resp: 445617
Ion Ratio Lower Upper
112 100
114 32.7 25.4 38.2

Manual Integrations
APPROVED

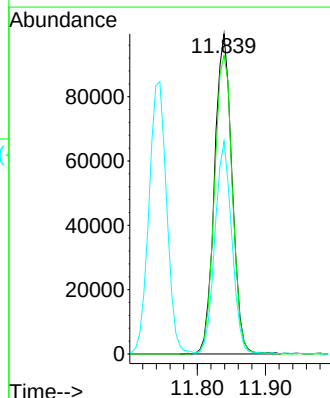
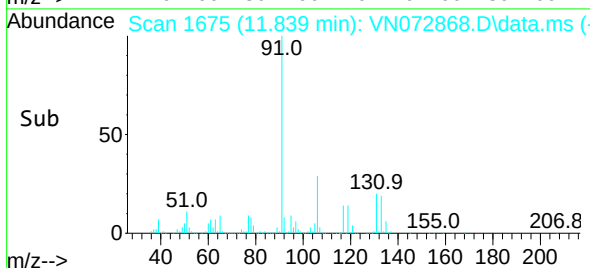
Reviewed By :John Carlone 06/15/2022
Supervised By :Mahesh Dadoda 06/15/2022

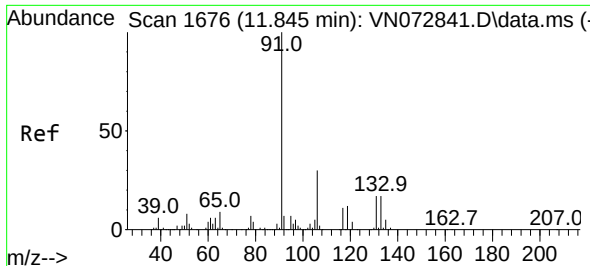


#66
1,1,1,2-Tetrachloroethane
Concen: 49.376 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN072868.D
Acq: 15 Jun 2022 06:46



Tgt Ion:131 Resp: 177430
Ion Ratio Lower Upper
131 100
133 95.5 47.8 143.4
119 64.6 33.4 100.2





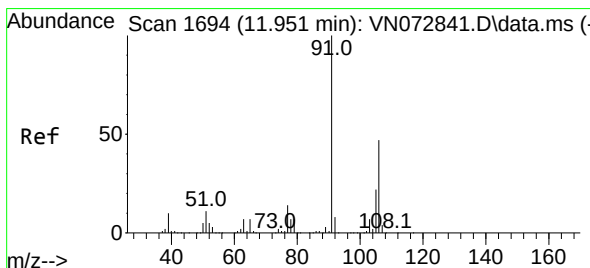
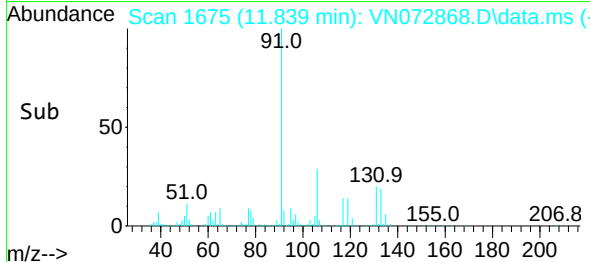
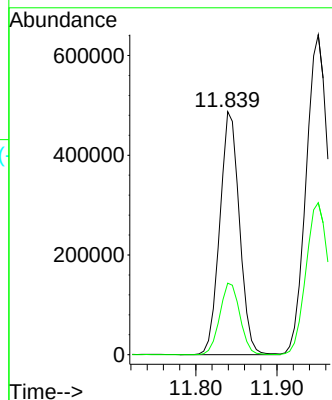
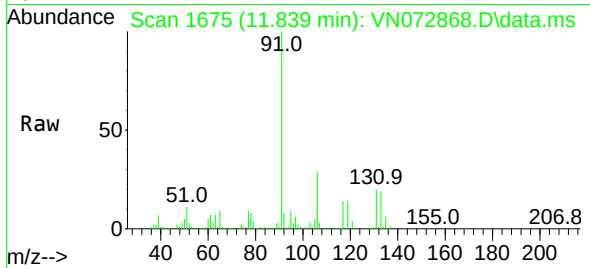
#67
Ethyl Benzene
Concen: 48.274 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. -0.006 min
Lab File: VN072868.D
Acq: 15 Jun 2022 06:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 821132
Ion Ratio Lower Upper
91 100
106 29.4 24.9 37.3

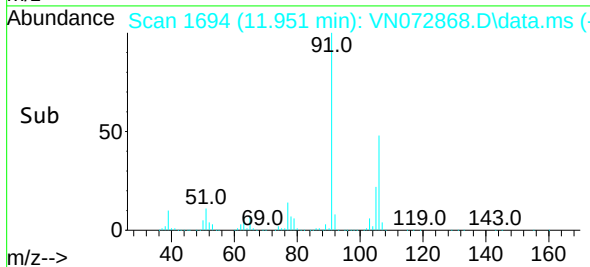
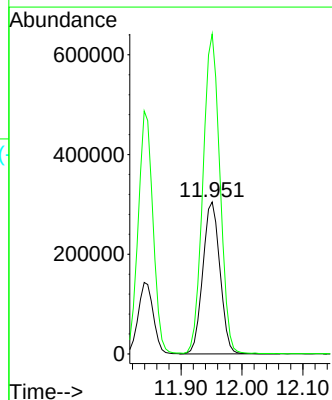
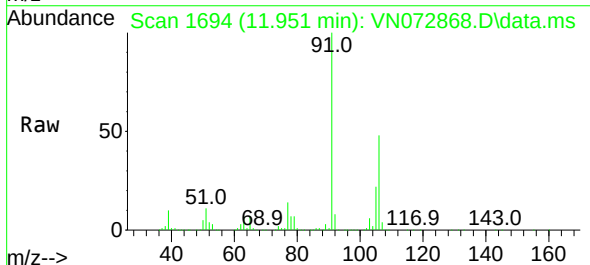
Manual Integrations
APPROVED

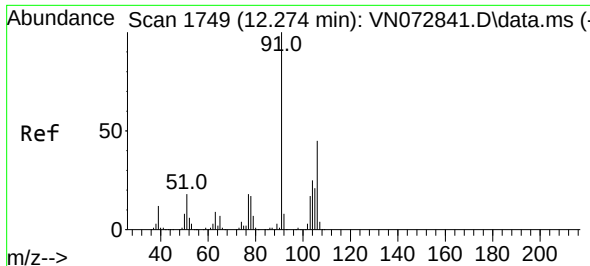
Reviewed By :John Carlone 06/15/2022
Supervised By :Mahesh Dadoda 06/15/2022



#68
m/p-Xylenes
Concen: 98.779 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. -0.000 min
Lab File: VN072868.D
Acq: 15 Jun 2022 06:46

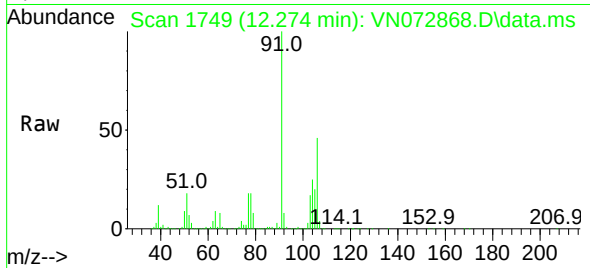
Tgt Ion:106 Resp: 595059
Ion Ratio Lower Upper
106 100
91 208.6 158.9 238.3





#69
o-Xylene
Concen: 48.805 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VN072868.D
Acq: 15 Jun 2022 06:46

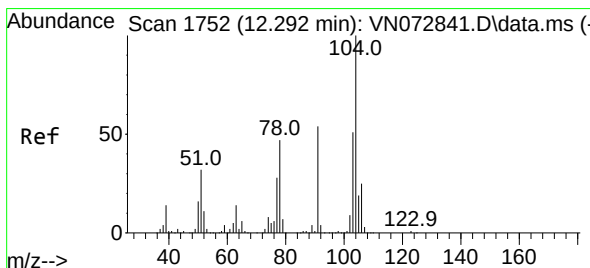
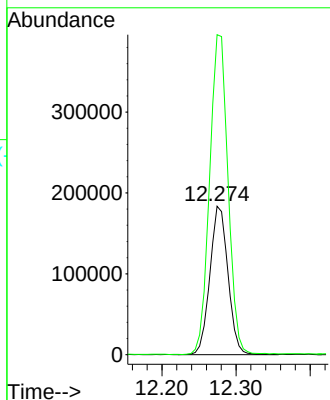
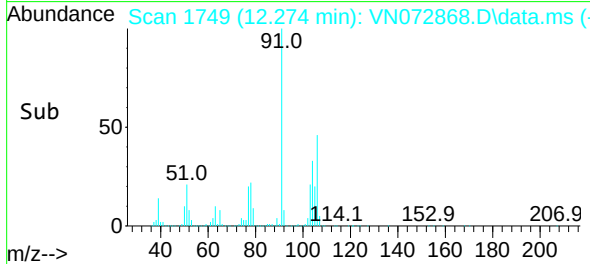
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:106 Resp: 311140
Ion Ratio Lower Upper
106 100
91 219.2 106.0 318.0

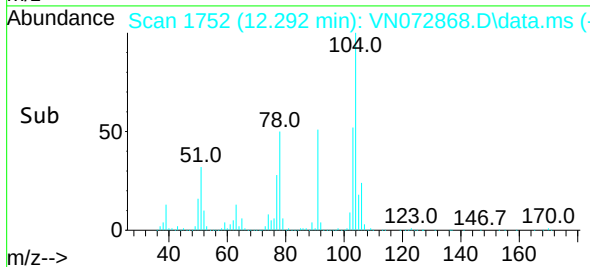
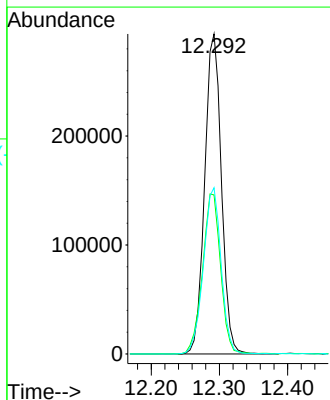
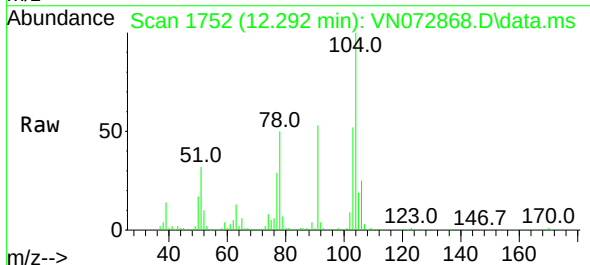
Manual Integrations
APPROVED

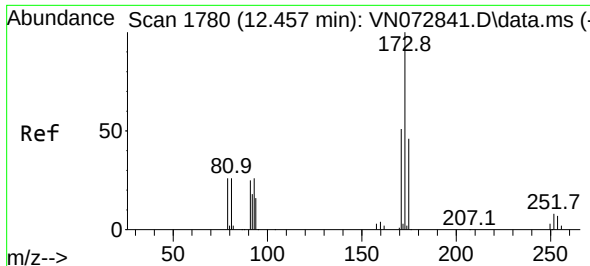
Reviewed By :John Carlone 06/15/2022
Supervised By :Mahesh Dadoda 06/15/2022



#70
Styrene
Concen: 52.187 ug/l
RT: 12.292 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VN072868.D
Acq: 15 Jun 2022 06:46

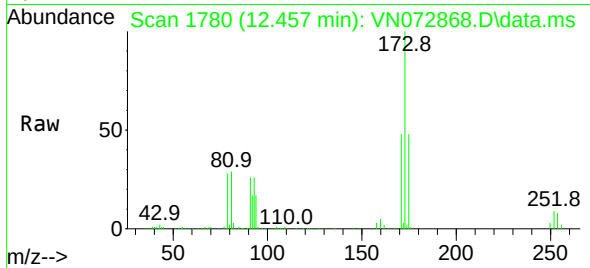
Tgt Ion:104 Resp: 501348
Ion Ratio Lower Upper
104 100
78 54.1 39.5 59.3
103 55.1 44.0 66.0





#71
Bromoform
Concen: 53.392 ug/l
RT: 12.457 min Scan# 1780
Delta R.T. -0.000 min
Lab File: VN072868.D
Acq: 15 Jun 2022 06:46

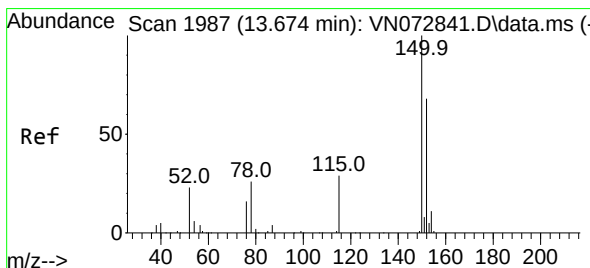
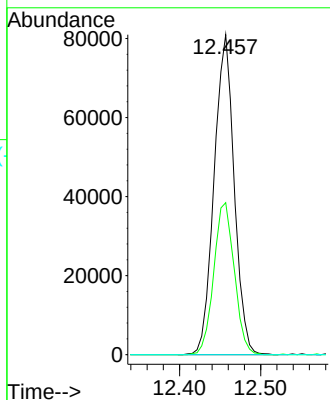
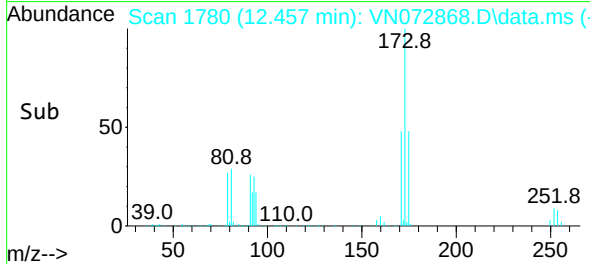
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



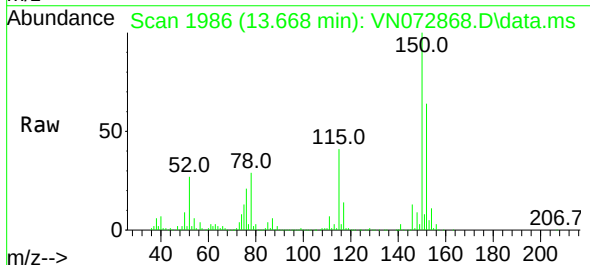
Tgt Ion:173 Resp: 139219
Ion Ratio Lower Upper
173 100
175 48.6 24.6 73.6
254 0.0 0.1 0.1

Manual Integrations
APPROVED

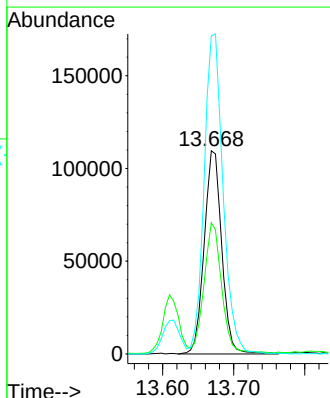
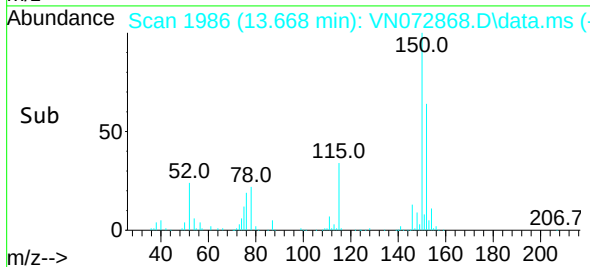
Reviewed By :John Carlone 06/15/2022
Supervised By :Mahesh Dadoda 06/15/2022

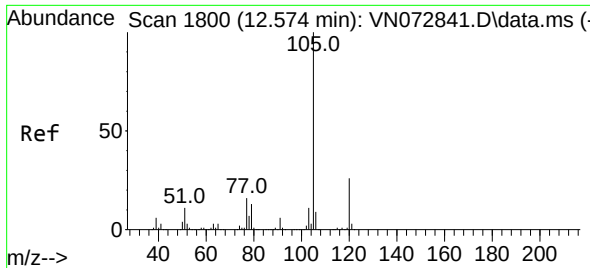


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.006 min
Lab File: VN072868.D
Acq: 15 Jun 2022 06:46



Tgt Ion:152 Resp: 188840
Ion Ratio Lower Upper
152 100
115 63.6 28.9 86.7
150 169.8 0.0 356.2





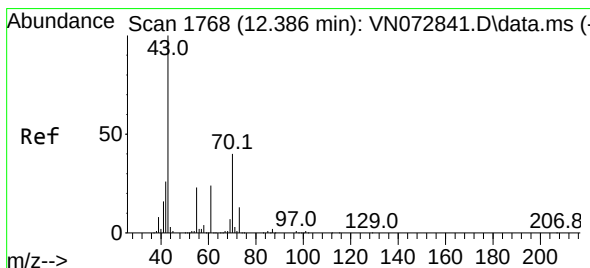
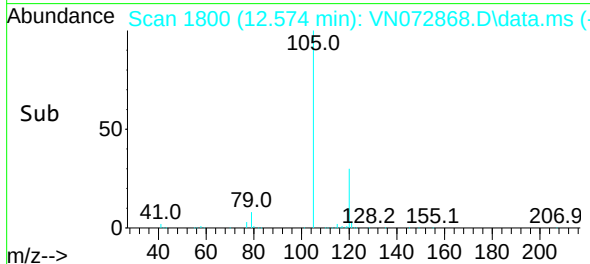
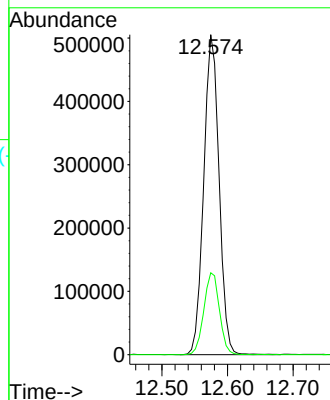
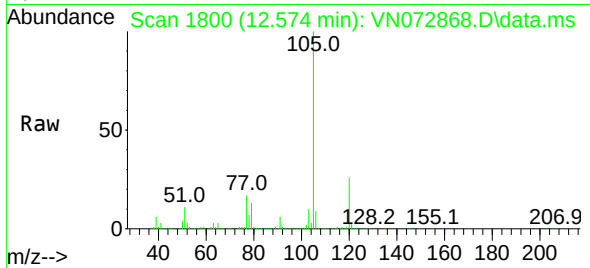
#73
Isopropylbenzene
Concen: 47.438 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. 0.000 min
Lab File: VN072868.D
Acq: 15 Jun 2022 06:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 105 Resp: 823500
Ion Ratio Lower Upper
105 100
120 26.0 13.5 40.4

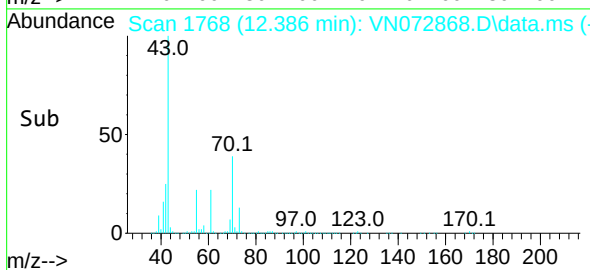
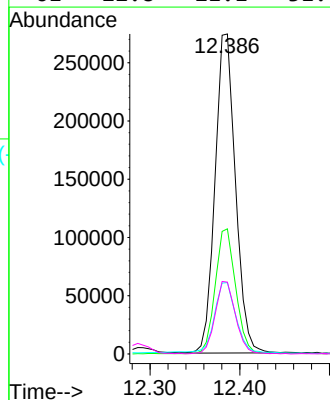
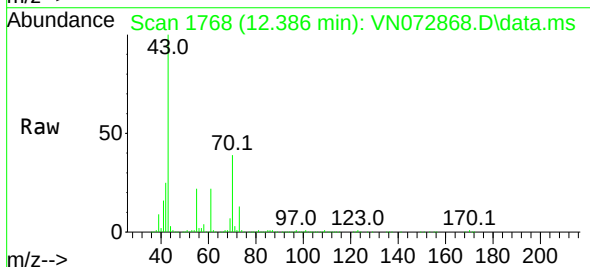
Manual Integrations
APPROVED

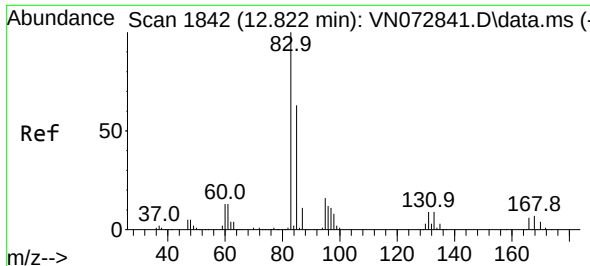
Reviewed By : John Carlone 06/15/2022
Supervised By : Mahesh Dadoda 06/15/2022



#74
N-ethyl acetate
Concen: 51.828 ug/l
RT: 12.386 min Scan# 1768
Delta R.T. 0.000 min
Lab File: VN072868.D
Acq: 15 Jun 2022 06:46

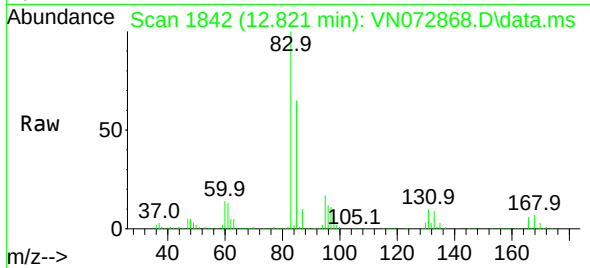
Tgt Ion: 43 Resp: 433860
Ion Ratio Lower Upper
43 100
70 38.8 39.0 58.4#
55 24.4 21.1 31.7
61 22.8 21.1 31.7





#75
1,1,2,2-Tetrachloroethane
Concen: 45.540 ug/l
RT: 12.821 min Scan# 1842
Delta R.T. -0.001 min
Lab File: VN072868.D
Acq: 15 Jun 2022 06:46

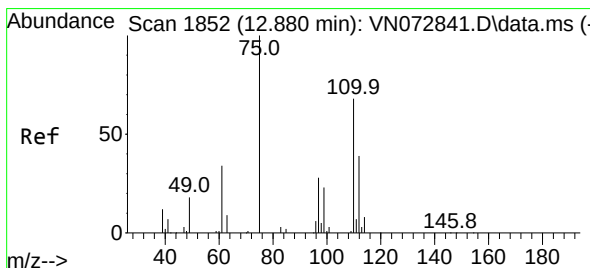
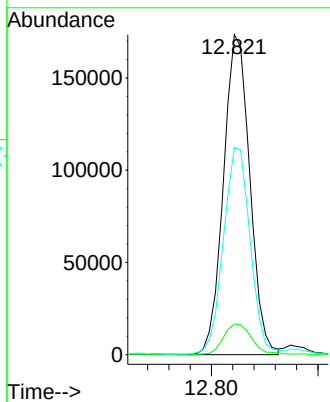
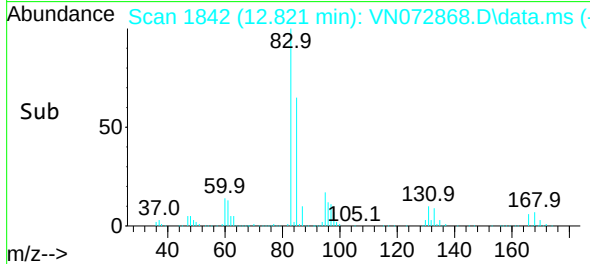
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 298040
Ion Ratio Lower Upper
83 100
131 10.5 5.3 15.9
85 65.4 32.3 96.9

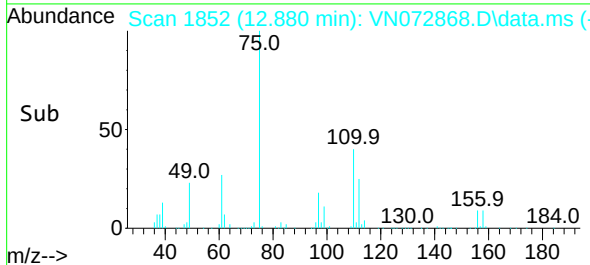
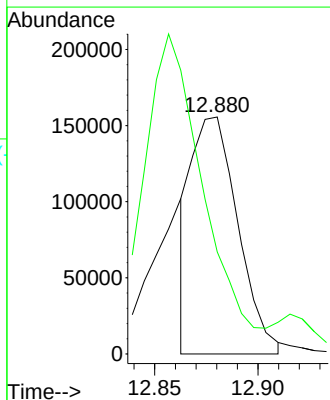
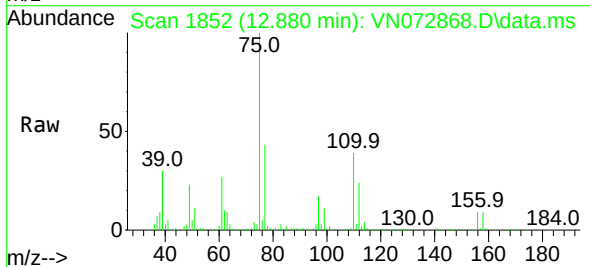
Manual Integrations
APPROVED

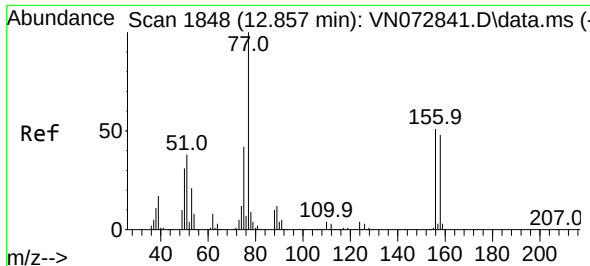
Reviewed By :John Carlone 06/15/2022
Supervised By :Mahesh Dadoda 06/15/2022



#76
1,2,3-Trichloropropane
Concen: 44.555 ug/l m
RT: 12.880 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN072868.D
Acq: 15 Jun 2022 06:46

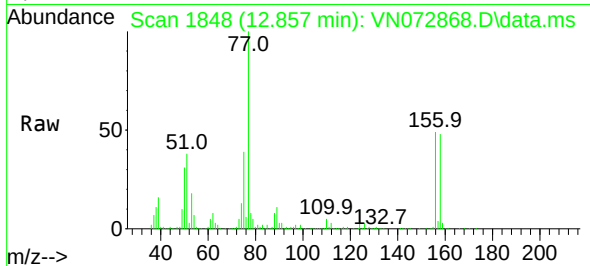
Tgt Ion: 75 Resp: 242692
Ion Ratio Lower Upper
75 100
77 0.0 98.5 295.5#





#77
Bromobenzene
Concen: 45.457 ug/l
RT: 12.857 min Scan# 1848
Delta R.T. -0.000 min
Lab File: VN072868.D
Acq: 15 Jun 2022 06:46

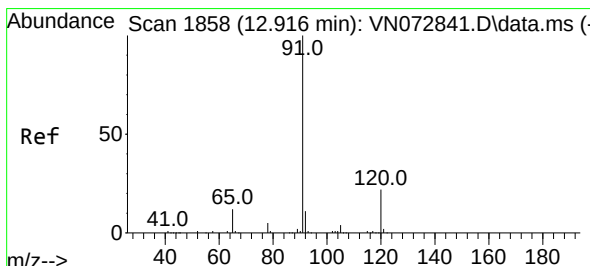
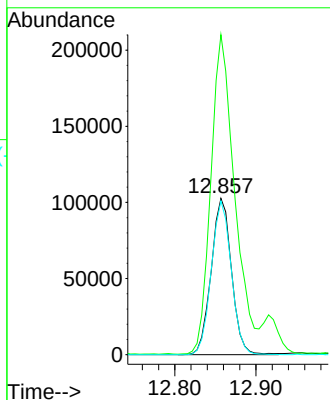
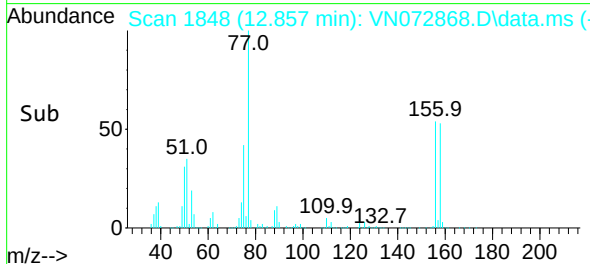
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:156 Resp: 178940
Ion Ratio Lower Upper
156 100
77 239.3 100.5 301.5
158 96.6 48.9 146.6

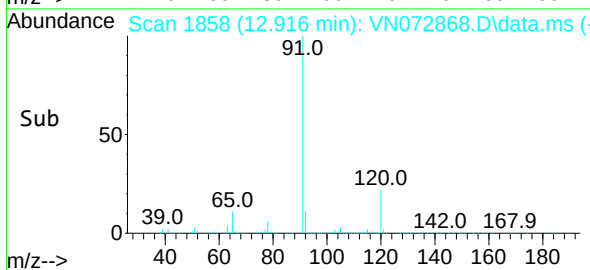
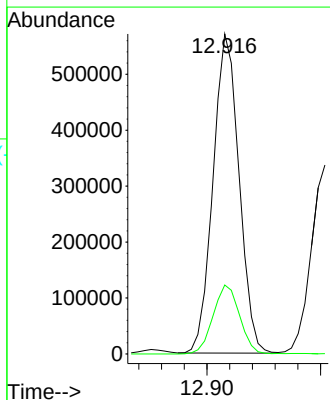
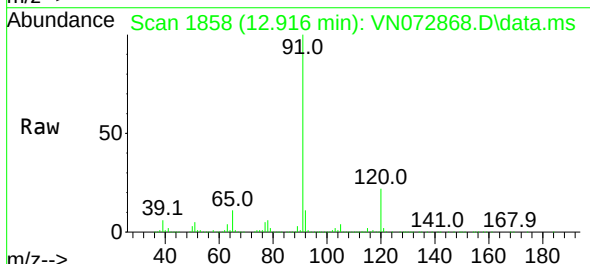
Manual Integrations
APPROVED

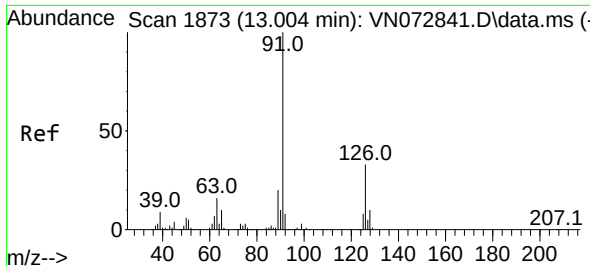
Reviewed By :John Carlone 06/15/2022
Supervised By :Mahesh Dadoda 06/15/2022



#78
n-propylbenzene
Concen: 47.867 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN072868.D
Acq: 15 Jun 2022 06:46

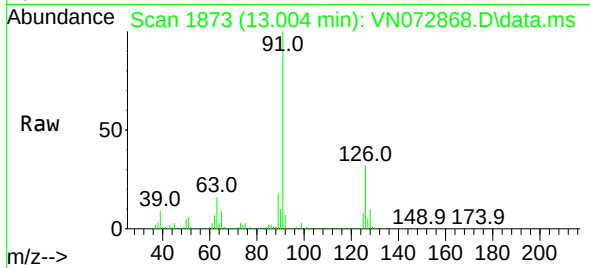
Tgt Ion: 91 Resp: 906479
Ion Ratio Lower Upper
91 100
120 22.0 11.9 35.5





#79
2-Chlorotoluene
Concen: 45.712 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN072868.D
Acq: 15 Jun 2022 06:46

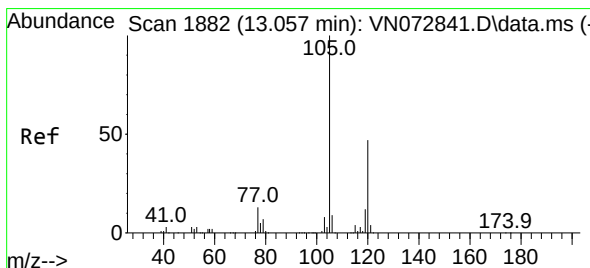
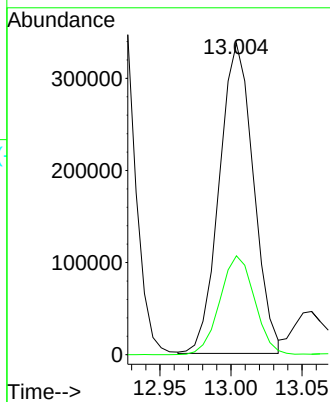
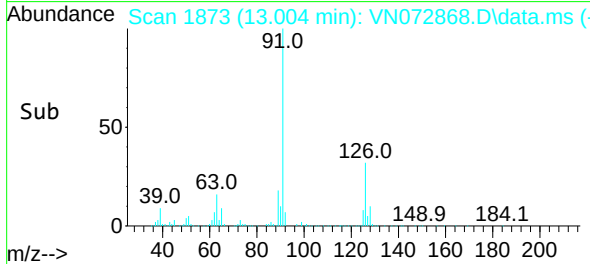
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



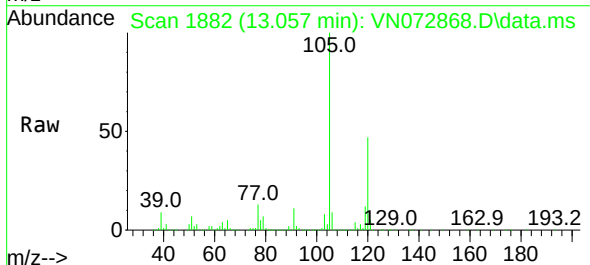
Tgt Ion: 91 Resp: 56463
Ion Ratio Lower Upper
91 100
126 32.3 17.3 51.9

Manual Integrations
APPROVED

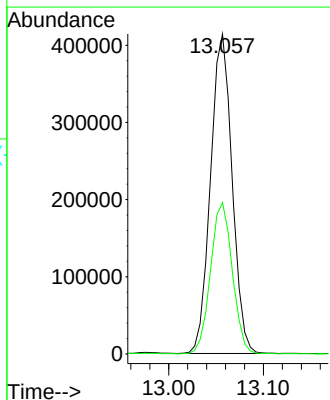
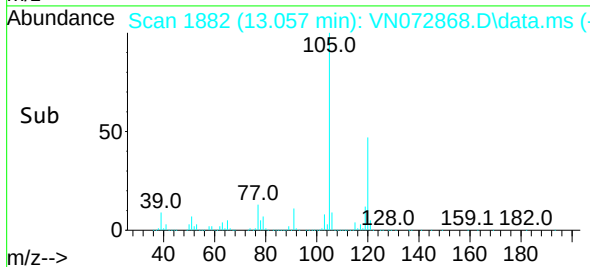
Reviewed By :John Carlone 06/15/2022
Supervised By :Mahesh Dadoda 06/15/2022

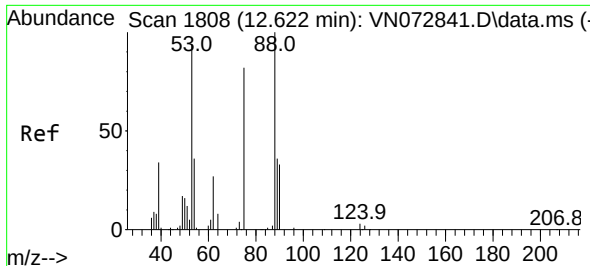


#80
1,3,5-Trimethylbenzene
Concen: 47.492 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. -0.000 min
Lab File: VN072868.D
Acq: 15 Jun 2022 06:46



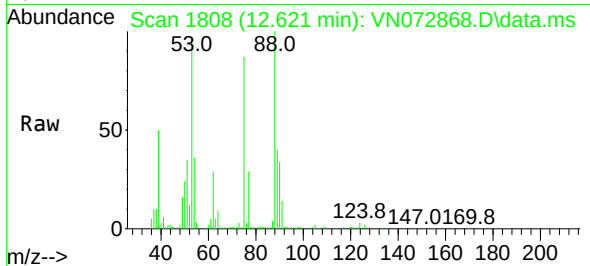
Tgt Ion:105 Resp: 654981
Ion Ratio Lower Upper
105 100
120 47.6 24.9 74.7





#81
trans-1,4-Dichloro-2-butene
Concen: 41.920 ug/l
RT: 12.621 min Scan# 1808
Delta R.T. -0.001 min
Lab File: VN072868.D
Acq: 15 Jun 2022 06:46

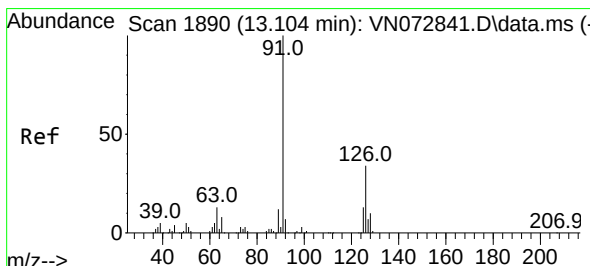
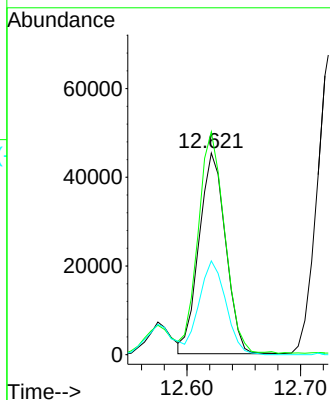
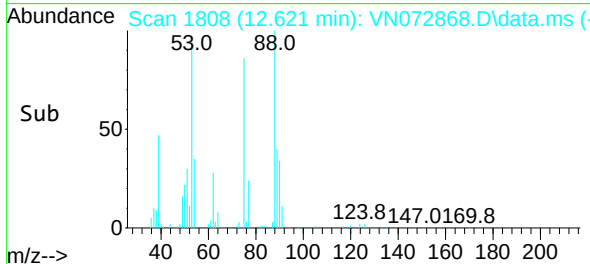
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 73424
Ion Ratio Lower Upper
75 100
53 110.4 78.0 117.0
89 46.6 37.2 55.8

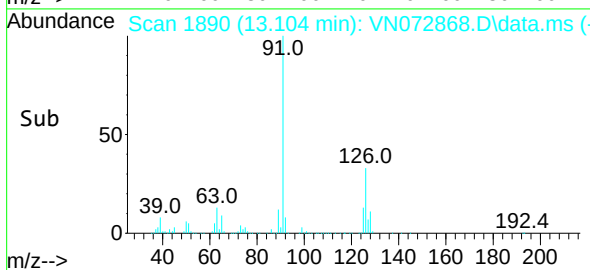
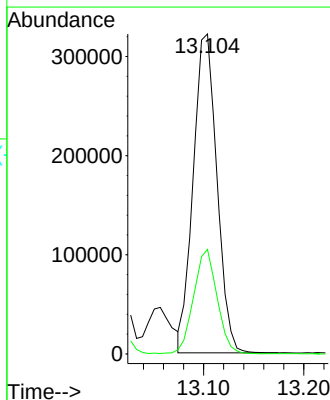
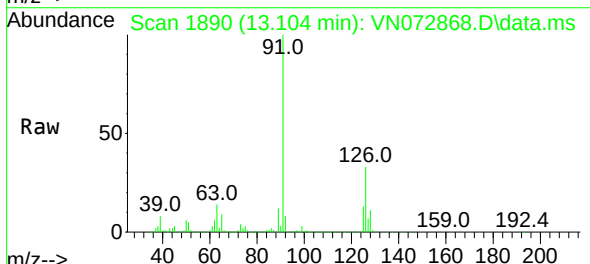
Manual Integrations
APPROVED

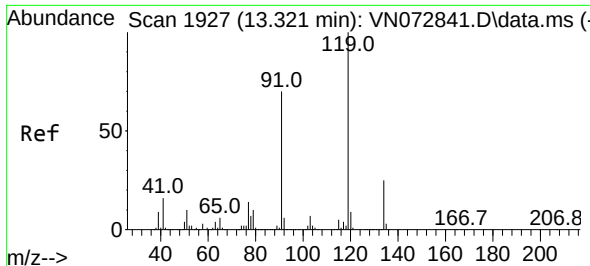
Reviewed By :John Carlone 06/15/2022
Supervised By :Mahesh Dadoda 06/15/2022



#82
4-Chlorotoluene
Concen: 46.739 ug/l
RT: 13.104 min Scan# 1890
Delta R.T. -0.000 min
Lab File: VN072868.D
Acq: 15 Jun 2022 06:46

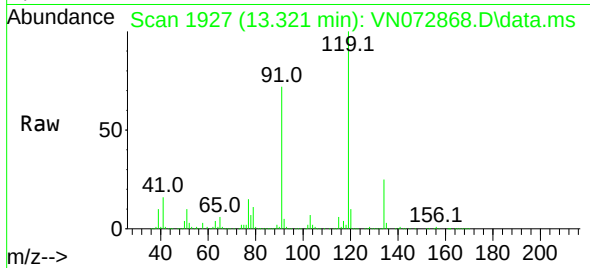
Tgt Ion: 91 Resp: 528518
Ion Ratio Lower Upper
91 100
126 32.4 17.2 51.6





#83
tert-Butylbenzene
Concen: 47.349 ug/l
RT: 13.321 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VN072868.D
Acq: 15 Jun 2022 06:46

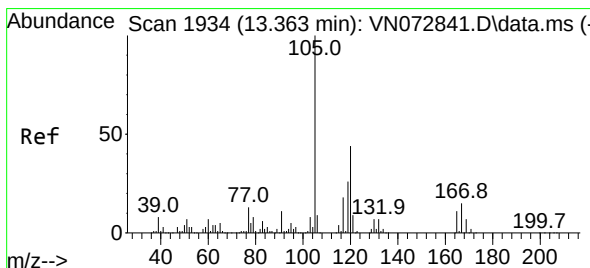
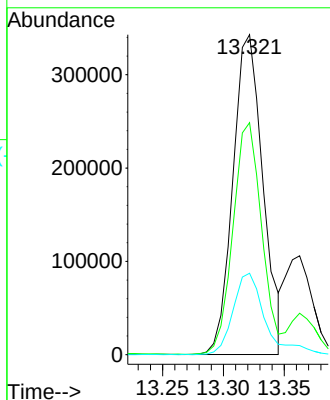
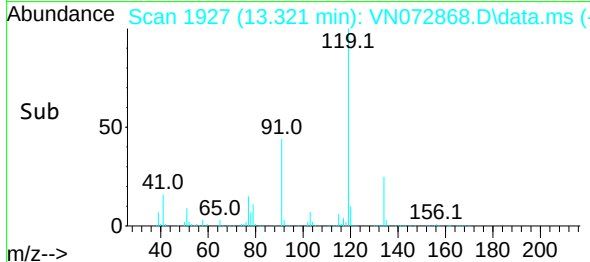
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



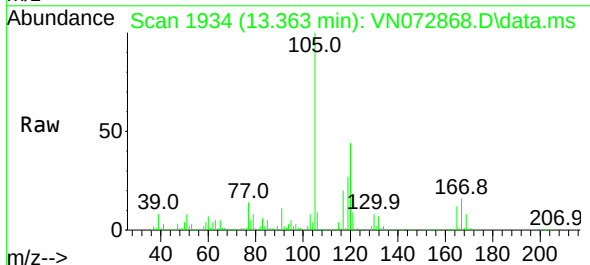
Tgt Ion:119 Resp: 590033
Ion Ratio Lower Upper
119 100
91 70.1 31.6 94.8
134 27.3 13.7 41.1

Manual Integrations
APPROVED

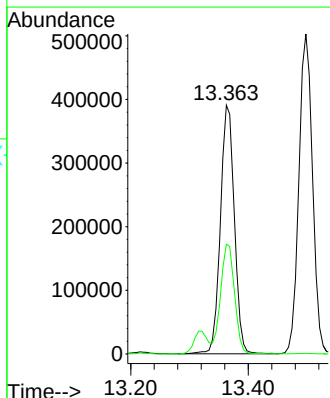
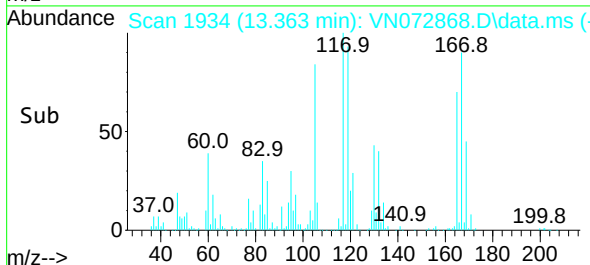
Reviewed By :John Carlone 06/15/2022
Supervised By :Mahesh Dadoda 06/15/2022

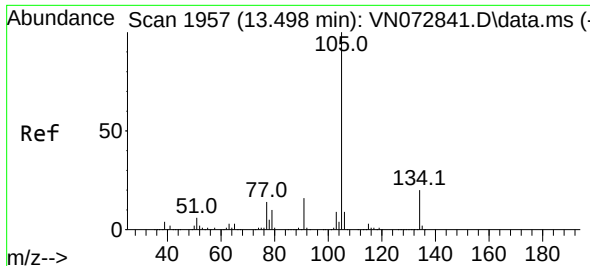


#84
1,2,4-Trimethylbenzene
Concen: 48.389 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN072868.D
Acq: 15 Jun 2022 06:46



Tgt Ion:105 Resp: 645751
Ion Ratio Lower Upper
105 100
120 43.7 23.3 69.8





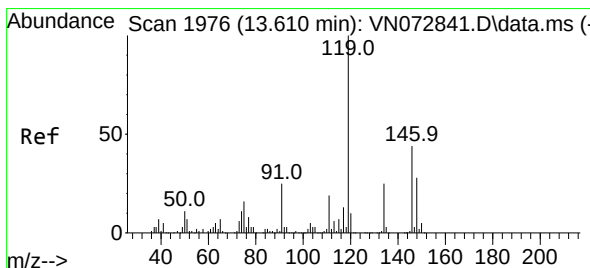
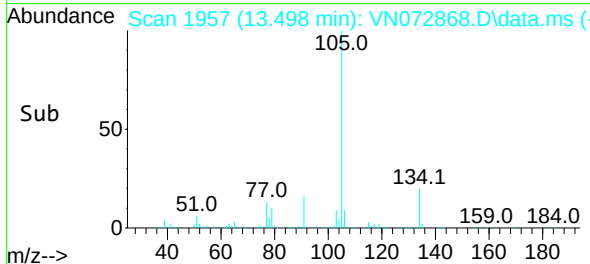
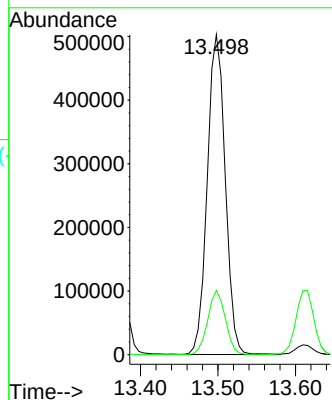
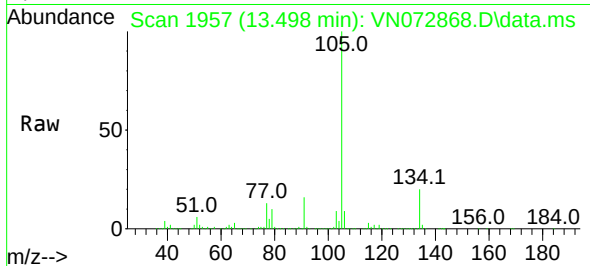
#85
 sec-Butylbenzene
 Concen: 48.600 ug/l
 RT: 13.498 min Scan# 1957
 Delta R.T. -0.000 min
 Lab File: VN072868.D
 Acq: 15 Jun 2022 06:46

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 809429
 Ion Ratio Lower Upper
 105 100
 134 19.7 10.4 31.1

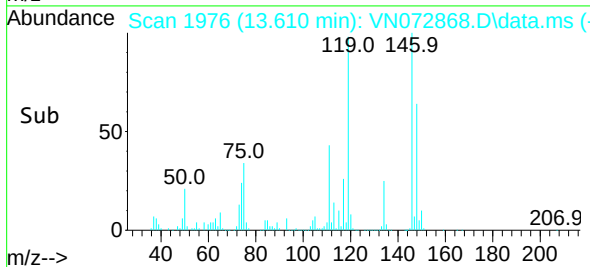
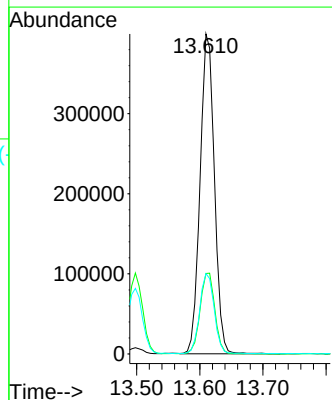
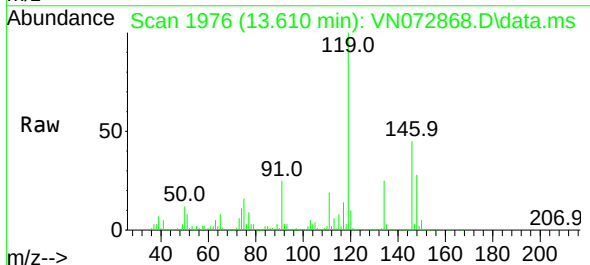
Manual Integrations
 APPROVED

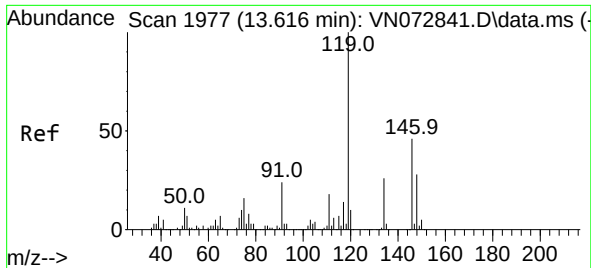
Reviewed By :John Carlone 06/15/2022
 Supervised By :Mahesh Dadoda 06/15/2022



#86
 p-Isopropyltoluene
 Concen: 48.586 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. -0.000 min
 Lab File: VN072868.D
 Acq: 15 Jun 2022 06:46

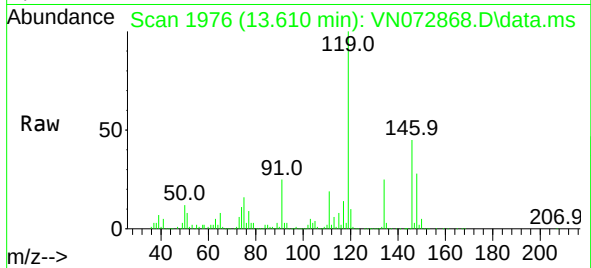
Tgt Ion:119 Resp: 630589
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.3 39.8
 91 25.2 11.3 33.9





#87
 1,3-Dichlorobenzene
 Concen: 46.655 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. -0.006 min
 Lab File: VN072868.D
 Acq: 15 Jun 2022 06:46

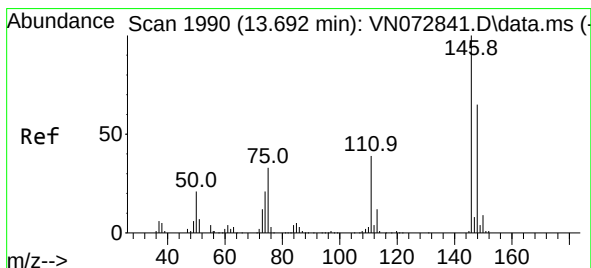
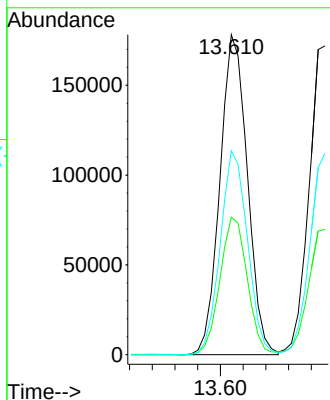
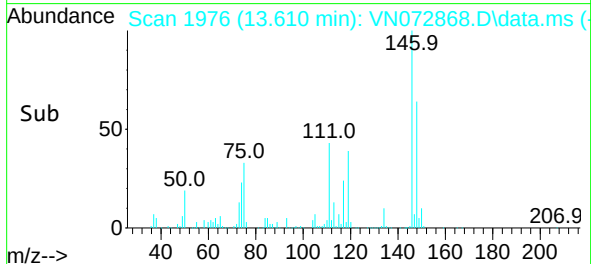
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



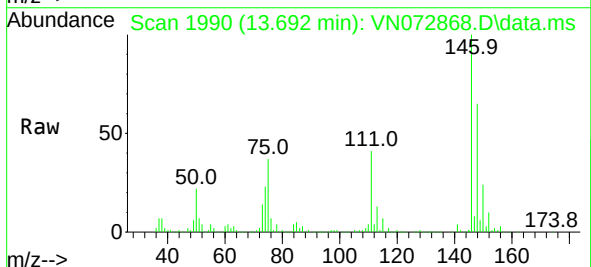
Tgt Ion:146 Resp: 29882
 Ion Ratio Lower Upper
 146 100
 111 42.9 20.0 60.0
 148 63.3 32.0 96.0

Manual Integrations
 APPROVED

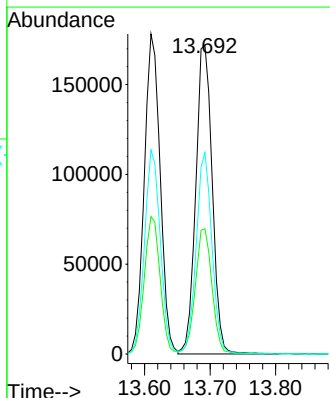
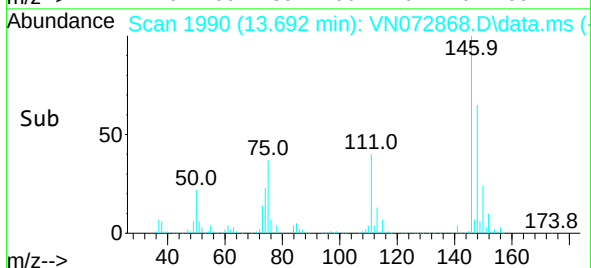
Reviewed By :John Carlone 06/15/2022
 Supervised By :Mahesh Dadoda 06/15/2022

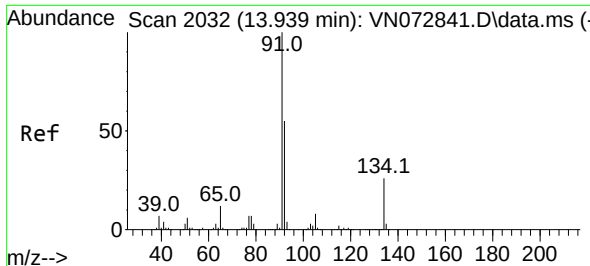


#88
 1,4-Dichlorobenzene
 Concen: 46.420 ug/l
 RT: 13.692 min Scan# 1990
 Delta R.T. -0.000 min
 Lab File: VN072868.D
 Acq: 15 Jun 2022 06:46



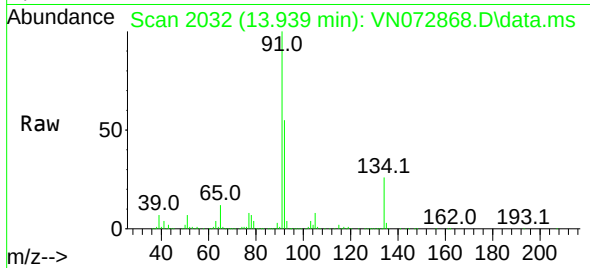
Tgt Ion:146 Resp: 300929
 Ion Ratio Lower Upper
 146 100
 111 41.0 19.1 57.1
 148 62.5 31.4 94.3





#89
n-Butylbenzene
Concen: 49.508 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VN072868.D
Acq: 15 Jun 2022 06:46

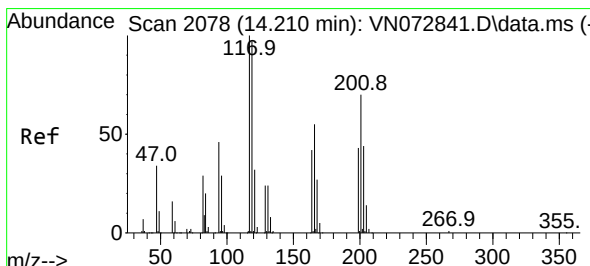
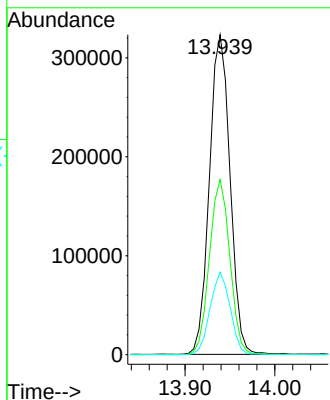
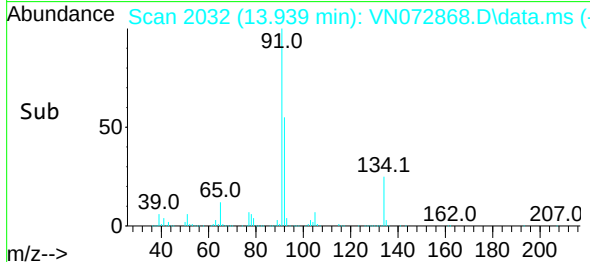
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 516838
Ion Ratio Lower Upper
91 100
92 54.2 26.9 80.7
134 25.1 13.6 40.8

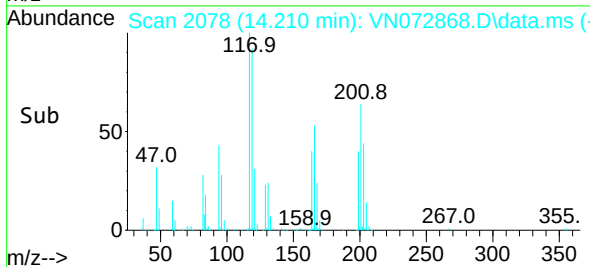
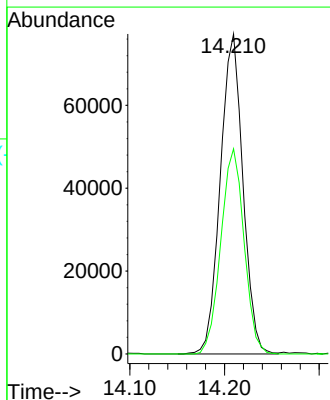
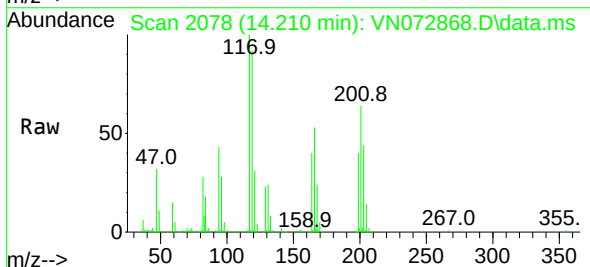
Manual Integrations
APPROVED

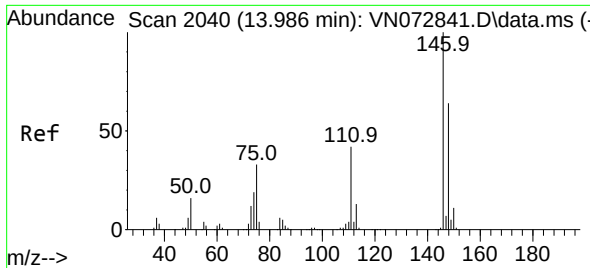
Reviewed By :John Carlone 06/15/2022
Supervised By :Mahesh Dadoda 06/15/2022



#90
Hexachloroethane
Concen: 49.675 ug/l
RT: 14.210 min Scan# 2078
Delta R.T. -0.000 min
Lab File: VN072868.D
Acq: 15 Jun 2022 06:46

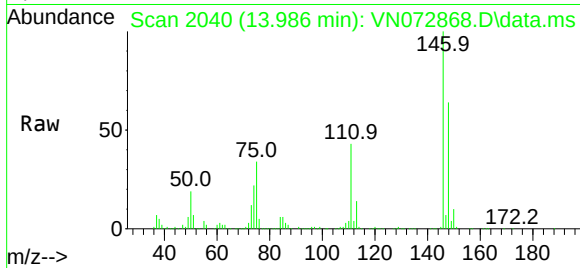
Tgt Ion:117 Resp: 128007
Ion Ratio Lower Upper
117 100
201 65.7 40.6 122.0





#91
1,2-Dichlorobenzene
Concen: 45.992 ug/l
RT: 13.986 min Scan# 2040
Delta R.T. 0.000 min
Lab File: VN072868.D
Acq: 15 Jun 2022 06:46

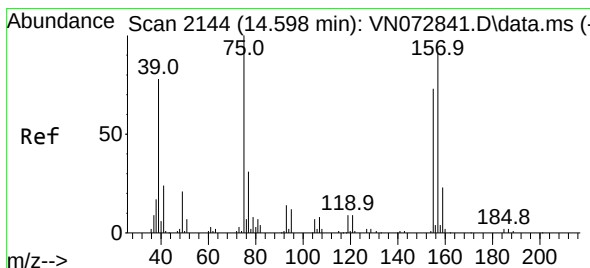
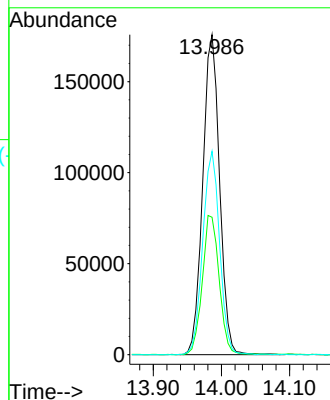
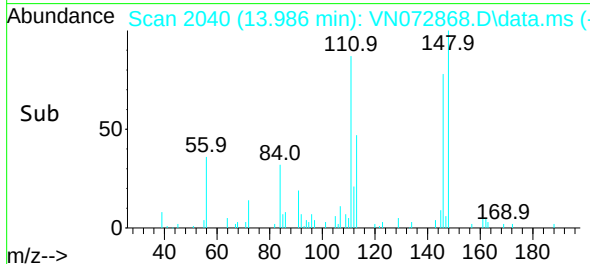
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



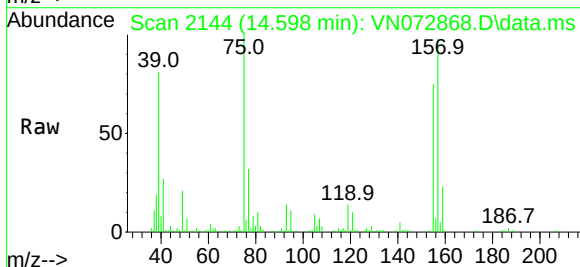
Tgt Ion:146 Resp: 301784
Ion Ratio Lower Upper
146 100
111 43.7 20.9 62.8
148 63.6 32.1 96.3

Manual Integrations
APPROVED

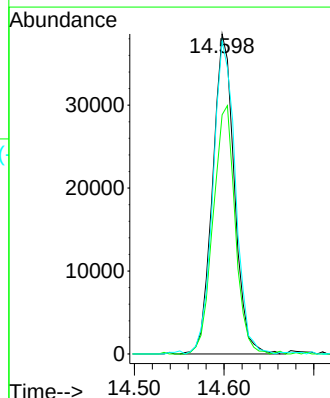
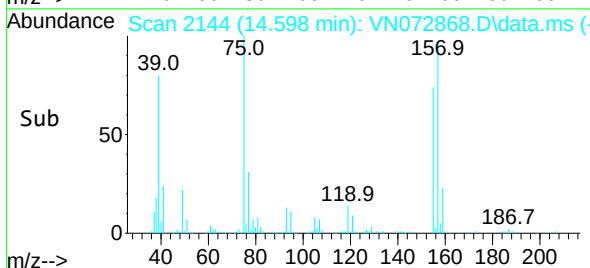
Reviewed By :John Carlone 06/15/2022
Supervised By :Mahesh Dadoda 06/15/2022

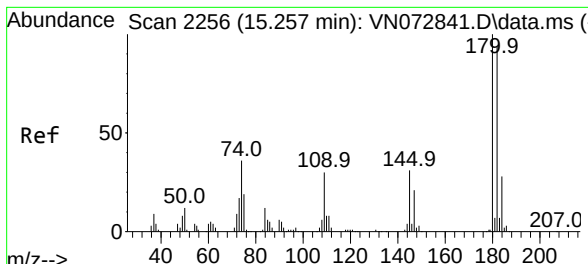


#92
1,2-Dibromo-3-Chloropropane
Concen: 49.480 ug/l
RT: 14.598 min Scan# 2144
Delta R.T. -0.000 min
Lab File: VN072868.D
Acq: 15 Jun 2022 06:46



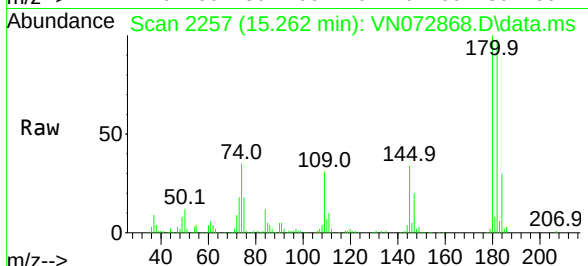
Tgt Ion: 75 Resp: 64697
Ion Ratio Lower Upper
75 100
155 78.8 44.9 134.5
157 101.5 59.0 176.8





#93
1,2,4-Trichlorobenzene
Concen: 49.574 ug/l
RT: 15.262 min Scan# 2257
Delta R.T. 0.005 min
Lab File: VN072868.D
Acq: 15 Jun 2022 06:46

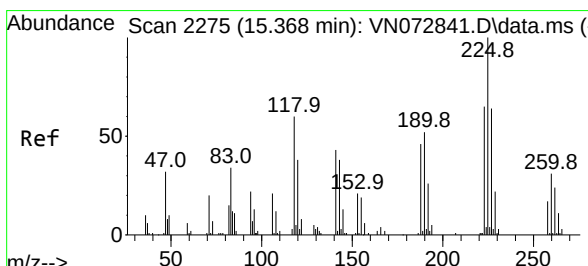
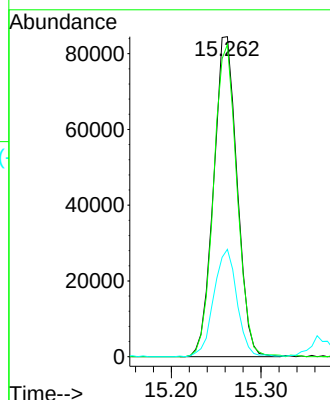
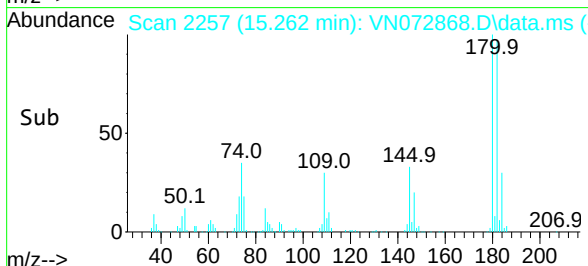
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



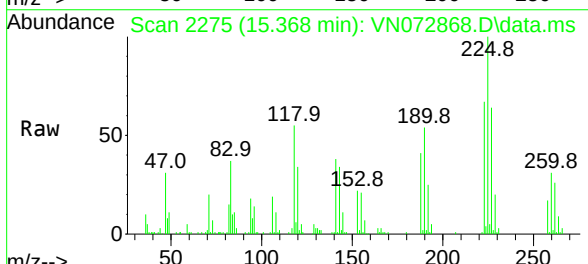
Tgt Ion:180 Resp: 153818
Ion Ratio Lower Upper
180 100
182 97.1 47.5 142.5
145 33.2 14.5 43.5

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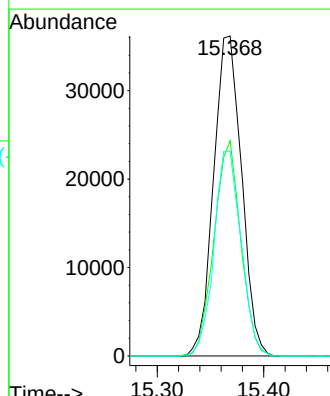
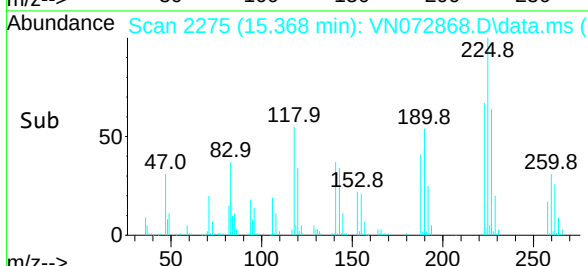
Reviewed By :John Carlone 06/15/2022
Supervised By :Mahesh Dadoda 06/15/2022

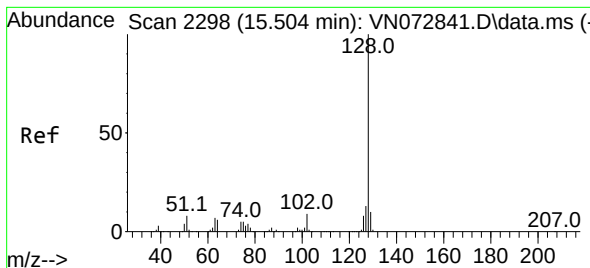


#94
Hexachlorobutadiene
Concen: 46.079 ug/l
RT: 15.368 min Scan# 2275
Delta R.T. 0.000 min
Lab File: VN072868.D
Acq: 15 Jun 2022 06:46



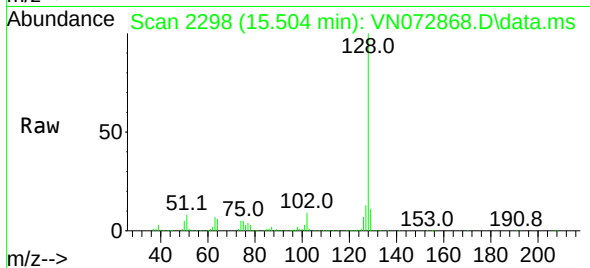
Tgt Ion:225 Resp: 65920
Ion Ratio Lower Upper
225 100
223 64.1 32.4 97.2
227 62.2 31.8 95.4





#95
Naphthalene
Concen: 52.104 ug/l
RT: 15.504 min Scan# 2298
Delta R.T. -0.000 min
Lab File: VN072868.D
Acq: 15 Jun 2022 06:46

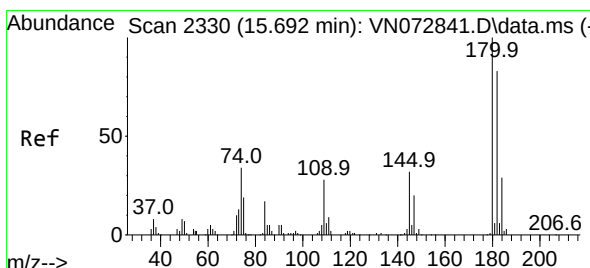
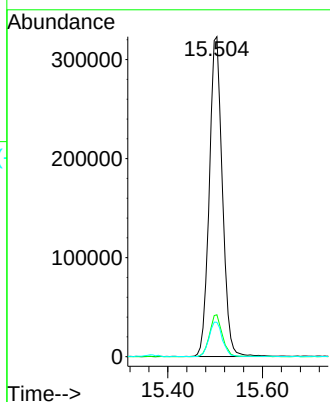
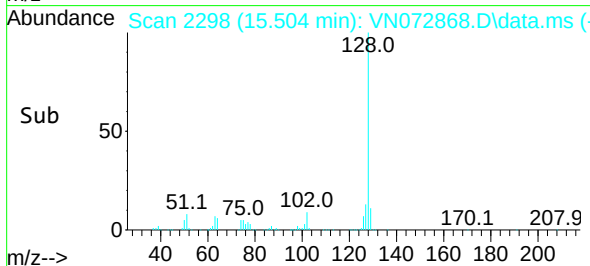
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



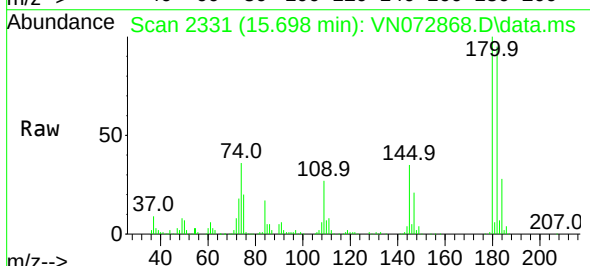
Tgt Ion:128 Resp: 618850
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 11.1 8.6 13.0

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 49.969 ug/l
RT: 15.698 min Scan# 2331
Delta R.T. 0.006 min
Lab File: VN072868.D
Acq: 15 Jun 2022 06:46



Tgt Ion:180 Resp: 159292
Ion Ratio Lower Upper
180 100
182 94.3 47.8 143.3
145 34.8 15.5 46.5

