

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062522\
 Data File : VN073147.D
 Acq On : 26 Jun 2022 08:11
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/27/2022
 Supervised By : Mahesh Dadoda 06/30/2022

Quant Time: Jun 27 04:00:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061722W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 18 06:22:45 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	276775	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	491141	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	433350	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	200834	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	196832	52.602	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.200%			
35) Dibromofluoromethane	7.951	113	154175	50.787	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.580%			
50) Toluene-d8	10.380	98	569700	50.434	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.860%			
62) 4-Bromofluorobenzene	12.668	95	213052	52.452	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 104.900%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.046	85	129597	49.178	ug/l	100
3) Chloromethane	2.269	50	122274	43.242	ug/l	98
4) Vinyl Chloride	2.404	62	115792	48.996	ug/l	99
5) Bromomethane	2.787	94	44915	48.279	ug/l	99
6) Chloroethane	2.963	64	73978	50.035	ug/l	96
7) Trichlorofluoromethane	3.316	101	230249	59.828	ug/l	100
8) Diethyl Ether	3.769	74	101254	50.979	ug/l	85
9) 1,1,2-Trichlorotrifluo...	4.145	101	135234	50.835	ug/l	99
10) Methyl Iodide	4.351	142	139390	45.713	ug/l	98
11) Tert butyl alcohol	5.292	59	246810	255.341	ug/l	99
12) 1,1-Dichloroethene	4.116	96	131093	49.471	ug/l	97
13) Acrolein	3.981	56	54099	142.110	ug/l	98
14) Allyl chloride	4.763	41	258758	45.705	ug/l	93
15) Acrylonitrile	5.475	53	600336	269.427	ug/l	99
16) Acetone	4.222	43	558033	271.297	ug/l	95
17) Carbon Disulfide	4.457	76	260135	38.315	ug/l	98
18) Methyl Acetate	4.781	43	291597	53.236	ug/l	91
19) Methyl tert-butyl Ether	5.534	73	557986	56.068	ug/l	99
20) Methylene Chloride	5.010	84	164406	51.538	ug/l	95
21) trans-1,2-Dichloroethene	5.510	96	133726	46.393	ug/l	97
22) Diisopropyl ether	6.410	45	587985	55.710	ug/l	95
23) Vinyl Acetate	6.351	43	262399	269.325	ug/l	94
24) 1,1-Dichloroethane	6.304	63	296333	53.554	ug/l	99
25) 2-Butanone	7.257	43	870957	266.837	ug/l	93
26) 2,2-Dichloropropane	7.245	77	94332	20.192	ug/l	92
27) cis-1,2-Dichloroethene	7.245	96	178860	51.937	ug/l	96
28) Bromochloromethane	7.581	49	104614	45.714	ug/l	87
29) Tetrahydrofuran	7.610	42	571578	265.182	ug/l	89
30) Chloroform	7.745	83	305695	54.572	ug/l	100
31) Cyclohexane	8.022	56	234352	46.299	ug/l	90
32) 1,1,1-Trichloroethane	7.945	97	267681	54.454	ug/l	99
36) 1,1-Dichloropropene	8.151	75	199135	48.479	ug/l	100
37) Ethyl Acetate	7.333	43	342409	52.115	ug/l	96
38) Carbon Tetrachloride	8.133	117	216646	50.142	ug/l	98
39) Methylcyclohexane	9.392	83	232498	46.959	ug/l	97
40) Benzene	8.386	78	642766	49.791	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.563	41	172888	55.490	ug/l #	84
42) 1,2-Dichloroethane	8.463	62	243650	53.139	ug/l	99
43) Isopropyl Acetate	8.492	43	507745	54.062	ug/l	95
44) Trichloroethene	9.145	130	163875	50.092	ug/l	95
45) 1,2-Dichloropropane	9.427	63	175844	53.290	ug/l	97
46) Dibromomethane	9.510	93	117372	52.605	ug/l	93
47) Bromodichloromethane	9.698	83	242307	54.645	ug/l	99
48) Methyl methacrylate	9.492	41	223186	52.049	ug/l	90
49) 1,4-Dioxane	9.498	88	90098	933.834	ug/l #	93
51) 4-Methyl-2-Pentanone	10.269	43	1679438	274.218	ug/l	91
52) Toluene	10.439	92	408242	51.509	ug/l	100
53) t-1,3-Dichloropropene	10.657	75	230275	48.288	ug/l	99
54) cis-1,3-Dichloropropene	10.127	75	244479	46.935	ug/l #	91
55) 1,1,2-Trichloroethane	10.833	97	176046	50.588	ug/l	98
56) Ethyl methacrylate	10.698	69	302088	54.158	ug/l #	87
57) 1,3-Dichloropropane	10.980	76	299278	51.837	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.980	63	658602	267.444	ug/l	97
59) 2-Hexanone	11.021	43	1288274	271.964	ug/l	90
60) Dibromochloromethane	11.174	129	182111	55.371	ug/l	99
61) 1,2-Dibromoethane	11.280	107	180628	52.650	ug/l	99
64) Tetrachloroethene	10.916	164	143810	54.551	ug/l	97
65) Chlorobenzene	11.710	112	435589	51.469	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.780	131	172036	53.408	ug/l	98
67) Ethyl Benzene	11.780	91	804555	54.004	ug/l	98
68) m/p-Xylenes	11.892	106	601201	102.888	ug/l	96
69) o-Xylene	12.216	106	307245	52.621	ug/l	98
70) Styrene	12.233	104	511467	54.547	ug/l	99
71) Bromoform	12.398	173	137058	56.432	ug/l #	97
73) Isopropylbenzene	12.515	105	801026	51.556	ug/l	100
74) N-amyl acetate	12.327	43	414703	51.434	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.768	83	282256	50.443	ug/l	98
76) 1,2,3-Trichloropropane	12.821	75	266082m	54.646	ug/l	
77) Bromobenzene	12.798	156	186085	49.994	ug/l	90
78) n-propylbenzene	12.857	91	906494	53.043	ug/l	99
79) 2-Chlorotoluene	12.945	91	562601	50.837	ug/l	98
80) 1,3,5-Trimethylbenzene	12.998	105	665038	52.109	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.563	75	69436	38.512	ug/l	94
82) 4-Chlorotoluene	13.039	91	548655	52.400	ug/l	97
83) tert-Butylbenzene	13.263	119	600770	51.399	ug/l	97
84) 1,2,4-Trimethylbenzene	13.304	105	662911	52.150	ug/l	98
85) sec-Butylbenzene	13.439	105	822743	52.766	ug/l	99
86) p-Isopropyltoluene	13.551	119	669487	53.034	ug/l	98
87) 1,3-Dichlorobenzene	13.551	146	338525	50.943	ug/l	99
88) 1,4-Dichlorobenzene	13.633	146	338128	50.273	ug/l	99
89) n-Butylbenzene	13.880	91	554032	53.748	ug/l	99
90) Hexachloroethane	14.145	117	127036	53.380	ug/l	89
91) 1,2-Dichlorobenzene	13.921	146	351059	50.657	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.539	75	71933	50.980	ug/l	91
93) 1,2,4-Trichlorobenzene	15.192	180	193580	50.473	ug/l	97
94) Hexachlorobutadiene	15.298	225	79347	47.543	ug/l	98
95) Naphthalene	15.433	128	757919	48.851	ug/l	100
96) 1,2,3-Trichlorobenzene	15.621	180	198253	48.408	ug/l	98

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VSTDCCC050EC

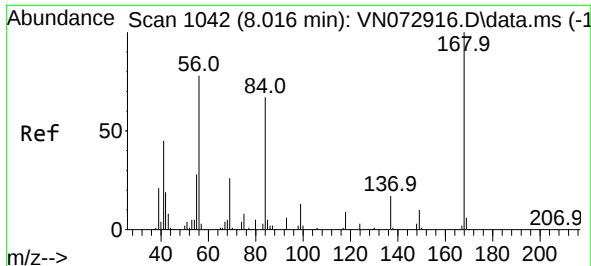
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 06/30/2022

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Quant Title : SW846 8260
QLast Update : Sat Jun 18 06:22:45 2022
Response via : Initial Calibration

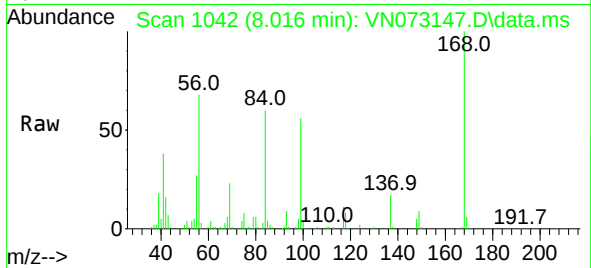
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
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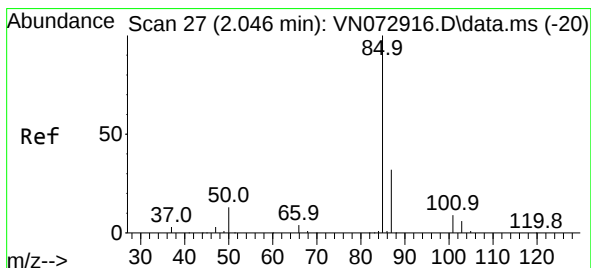
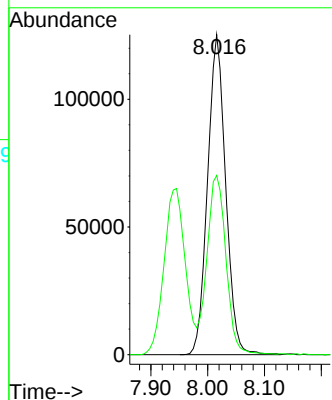
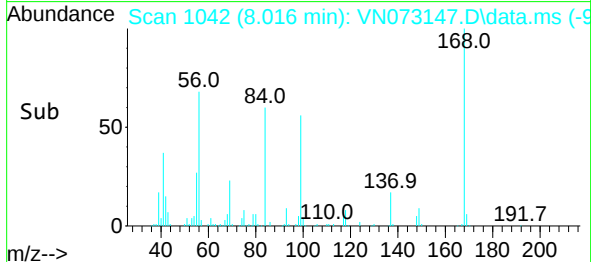
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 276775
Ion Ratio Lower Upper
168 100
99 55.7 42.3 63.5

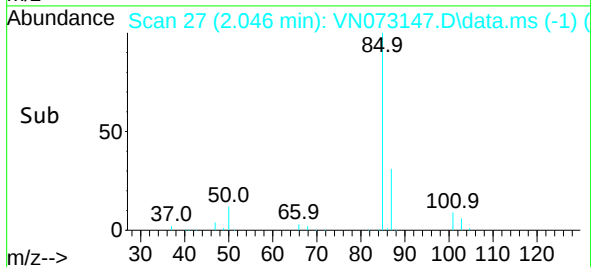
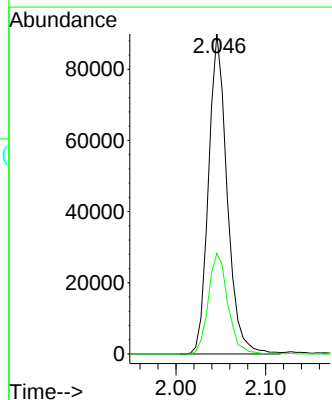
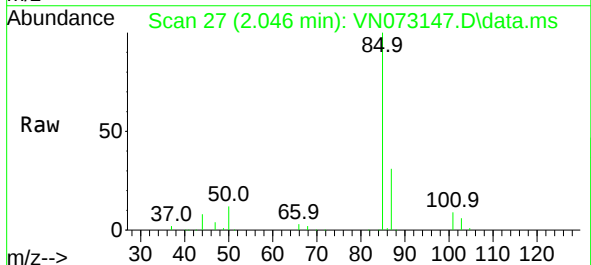
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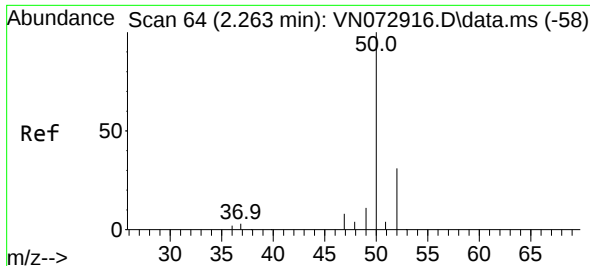
Reviewed By :John Carlone 06/27/2022
Supervised By :Mahesh Dadoda 06/30/2022



#2
Dichlorodifluoromethane
Concen: 49.178 ug/l
RT: 2.046 min Scan# 27
Delta R.T. 0.000 min
Lab File: VN073147.D
Acq: 26 Jun 2022 08:11

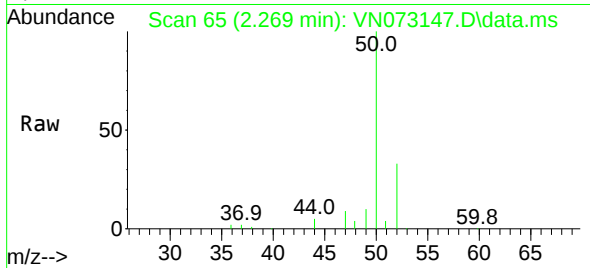
Tgt Ion: 85 Resp: 129597
Ion Ratio Lower Upper
85 100
87 31.4 15.7 47.1





#3
Chloromethane
Concen: 43.242 ug/l
RT: 2.269 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN073147.D
Acq: 26 Jun 2022 08:11

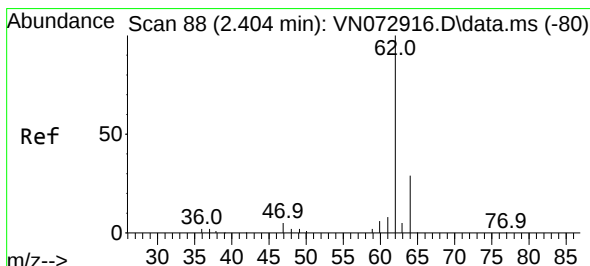
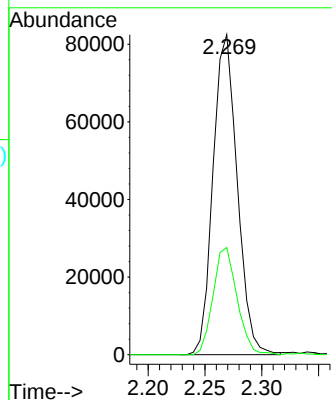
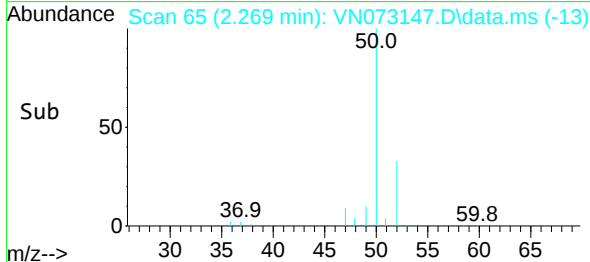
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Tgt Ion: 50 Resp: 122274
Ion Ratio Lower Upper
50 100
52 33.5 25.7 38.5

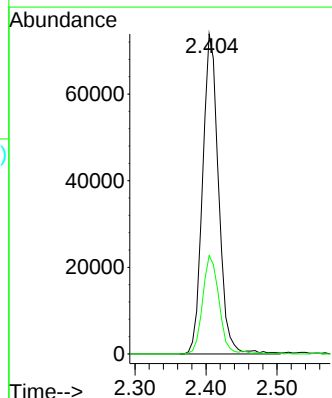
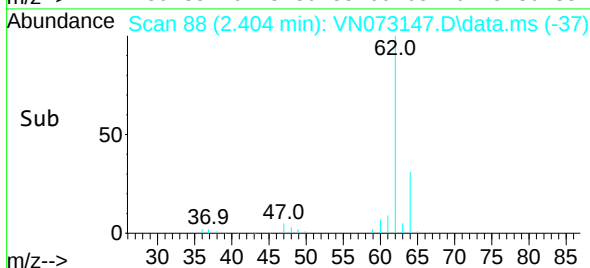
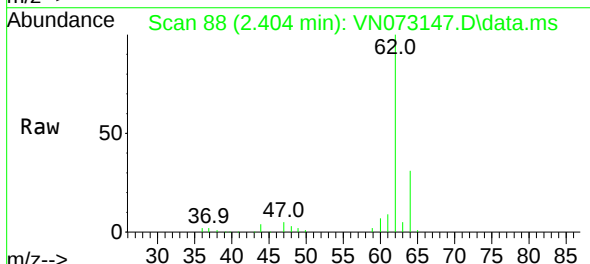
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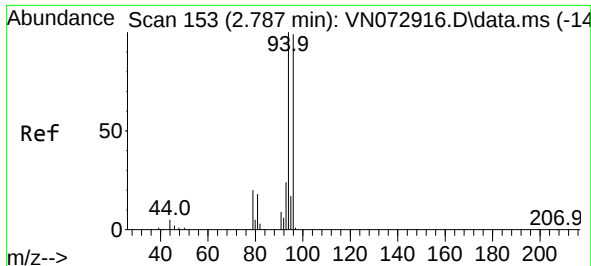
Reviewed By :John Carlone 06/27/2022
Supervised By :Mahesh Dadoda 06/30/2022



#4
Vinyl Chloride
Concen: 48.996 ug/l
RT: 2.404 min Scan# 88
Delta R.T. 0.000 min
Lab File: VN073147.D
Acq: 26 Jun 2022 08:11

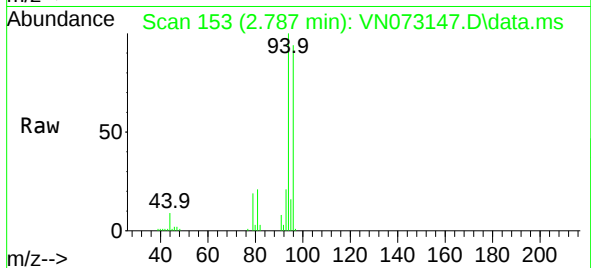
Tgt Ion: 62 Resp: 115792
Ion Ratio Lower Upper
62 100
64 30.8 25.0 37.4





#5
Bromomethane
Concen: 48.279 ug/l
RT: 2.787 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN073147.D
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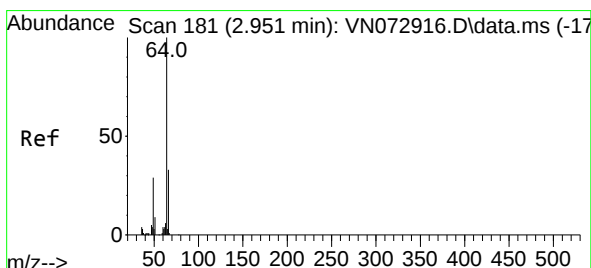
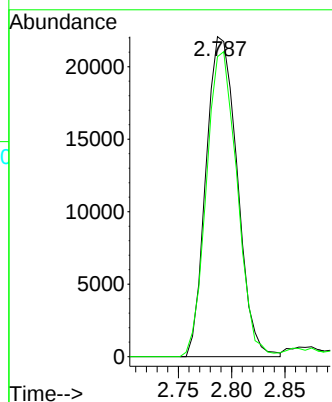
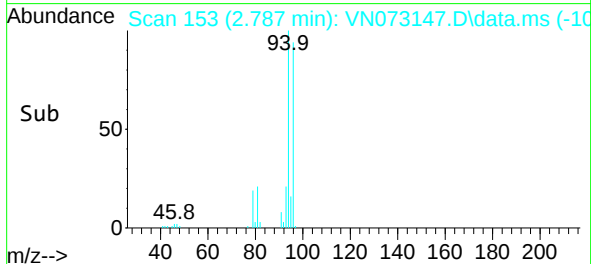
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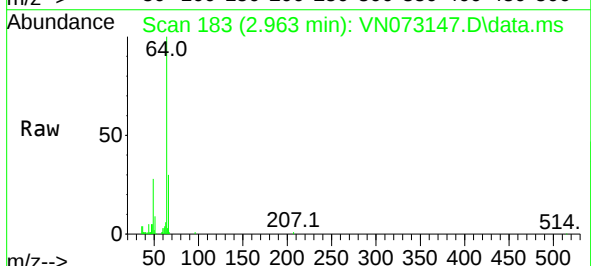
Tgt Ion: 94 Resp: 4491
Ion Ratio Lower Upper
94 100
96 93.8 76.0 114.0

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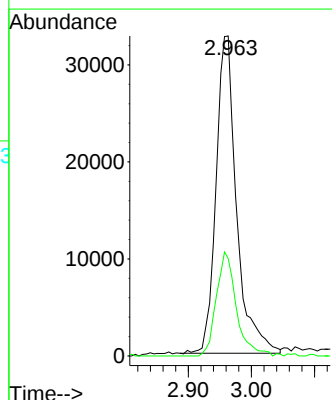
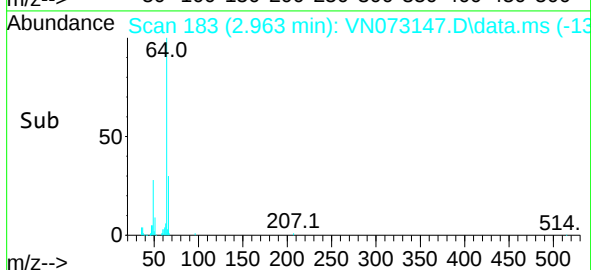
Reviewed By :John Carlone 06/27/2022
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#6
Chloroethane
Concen: 50.035 ug/l
RT: 2.963 min Scan# 183
Delta R.T. 0.012 min
Lab File: VN073147.D
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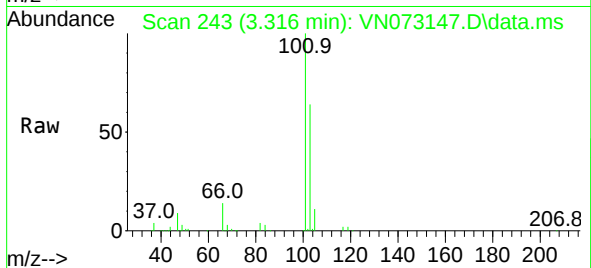
Tgt Ion: 64 Resp: 73978
Ion Ratio Lower Upper
64 100
66 30.7 26.2 39.4





#7
Trichlorofluoromethane
Concen: 59.828 ug/l
RT: 3.316 min Scan# 241
Delta R.T. 0.012 min
Lab File: VN073147.D
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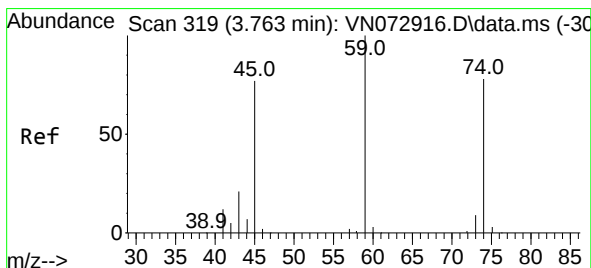
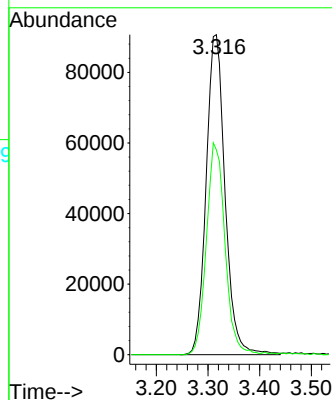
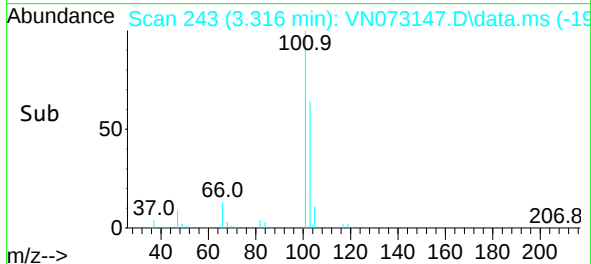
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:101 Resp: 230249
Ion Ratio Lower Upper
101 100
103 64.0 51.5 77.3

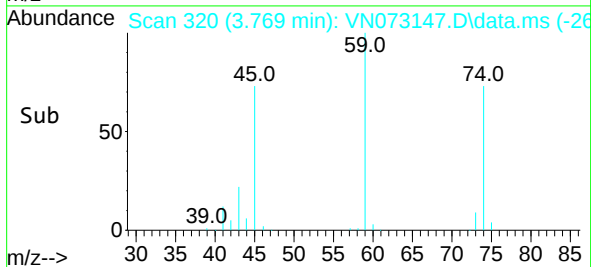
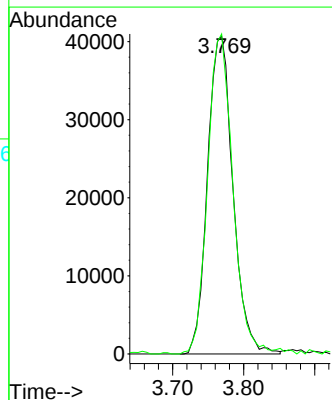
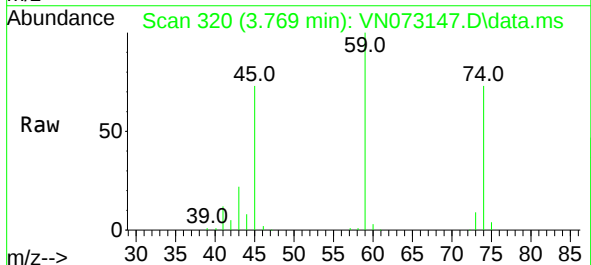
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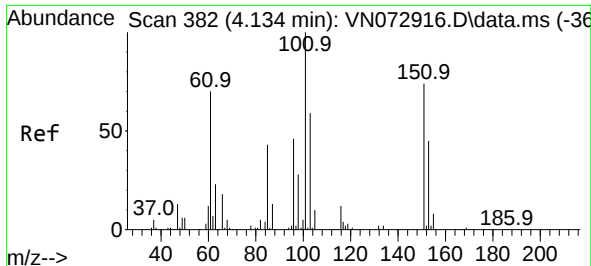
Reviewed By :John Carlone 06/27/2022
Supervised By :Mahesh Dadoda 06/30/2022



#8
Diethyl Ether
Concen: 50.979 ug/l
RT: 3.769 min Scan# 320
Delta R.T. 0.006 min
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Tgt Ion: 74 Resp: 101254
Ion Ratio Lower Upper
74 100
45 99.4 42.9 128.5





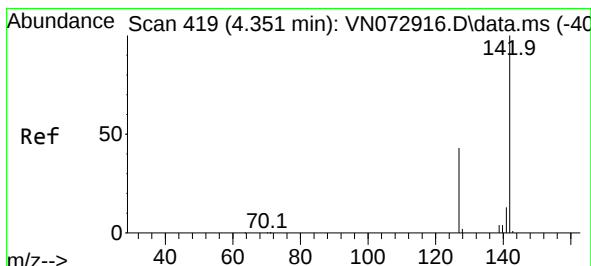
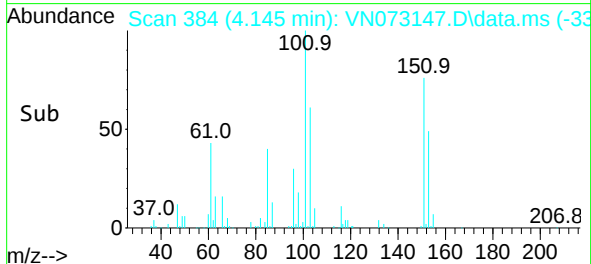
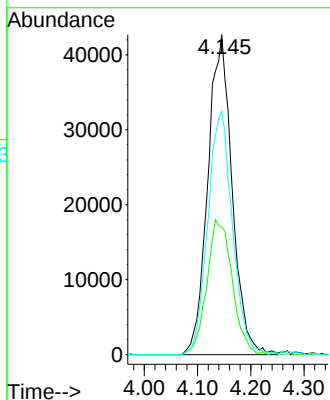
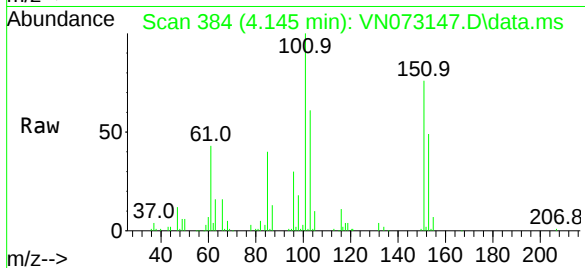
#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.835 ug/l
RT: 4.145 min Scan# 382
Delta R.T. 0.012 min
Lab File: VN073147.D
Acq: 26 Jun 2022 08:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 135234
Ion Ratio Lower Upper
101 100
85 44.0 34.7 52.1
151 77.4 63.0 94.4

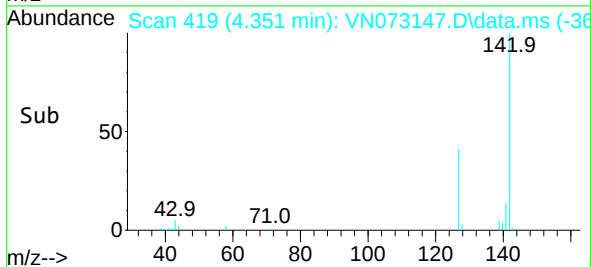
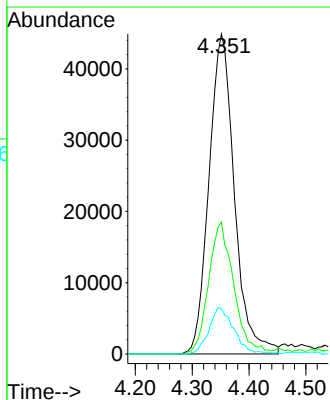
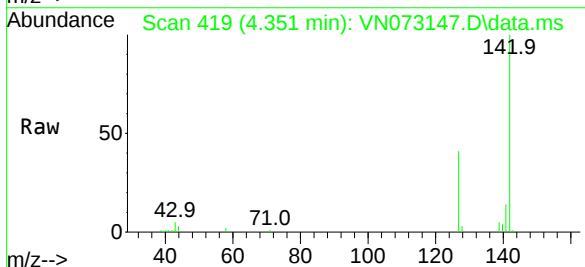
Manual Integrations
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Reviewed By :John Carlone 06/27/2022
Supervised By :Mahesh Dadoda 06/30/2022



#10
Methyl Iodide
Concen: 45.713 ug/l
RT: 4.351 min Scan# 419
Delta R.T. 0.000 min
Lab File: VN073147.D
Acq: 26 Jun 2022 08:11

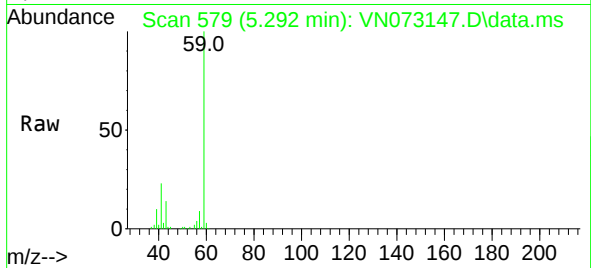
Tgt Ion:142 Resp: 139390
Ion Ratio Lower Upper
142 100
127 40.7 31.3 46.9
141 14.3 11.2 16.8





#11
Tert butyl alcohol
Concen: 255.341 ug/l
RT: 5.292 min Scan# 51
Delta R.T. -0.012 min
Lab File: VN073147.D
Acq: 26 Jun 2022 08:11

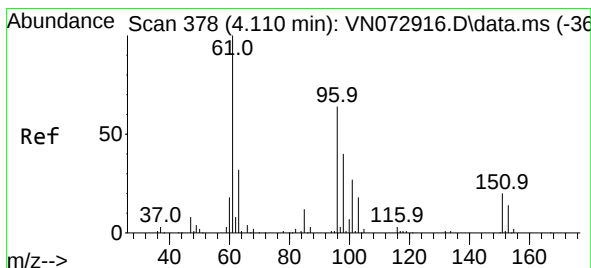
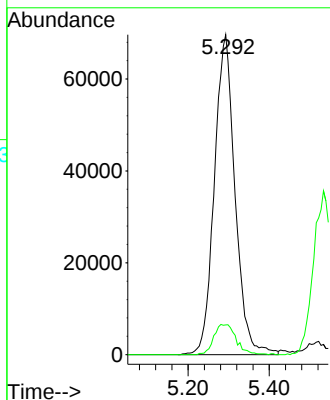
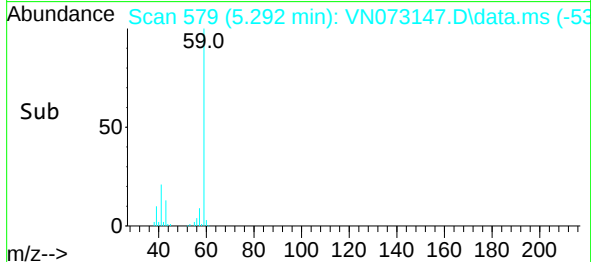
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



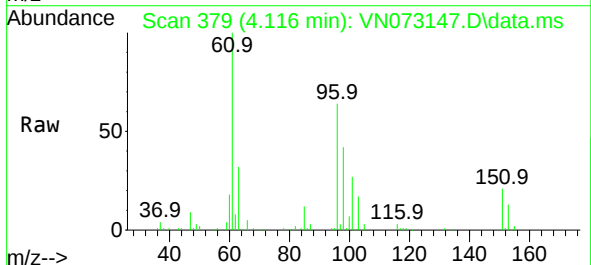
Tgt Ion: 59 Resp: 246810
Ion Ratio Lower Upper
59 100
57 10.2 8.3 12.5

Manual Integrations
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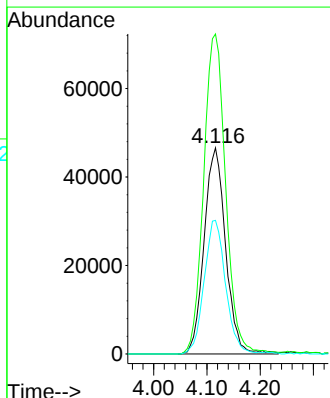
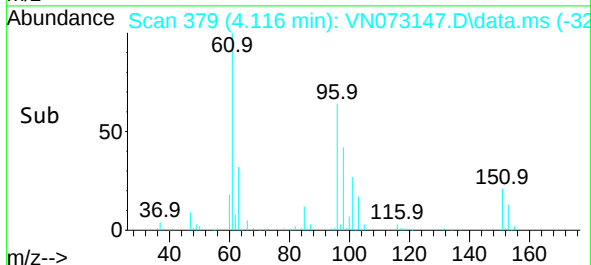
Reviewed By :John Carlone 06/27/2022
Supervised By :Mahesh Dadoda 06/30/2022



#12
1,1-Dichloroethene
Concen: 49.471 ug/l
RT: 4.116 min Scan# 379
Delta R.T. 0.006 min
Lab File: VN073147.D
Acq: 26 Jun 2022 08:11



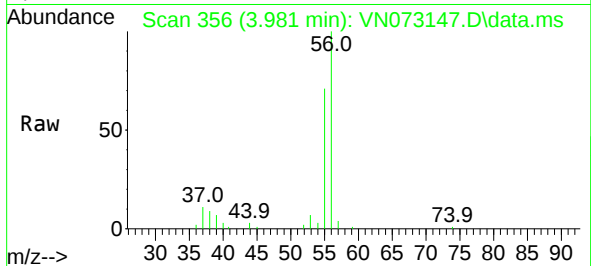
Tgt Ion: 96 Resp: 131093
Ion Ratio Lower Upper
96 100
61 155.2 127.6 191.4
98 64.8 51.2 76.8





#13
Acrolein
Concen: 142.110 ug/l
RT: 3.981 min Scan# 356
Delta R.T. 0.000 min
Lab File: VN073147.D
Acq: 26 Jun 2022 08:11

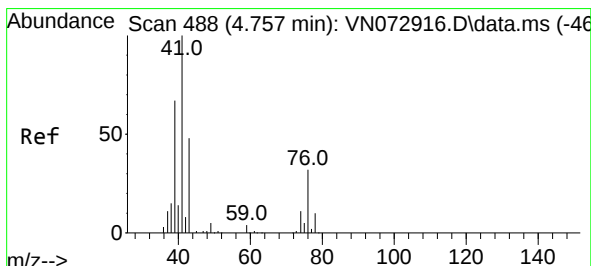
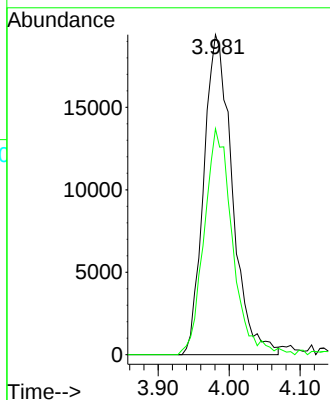
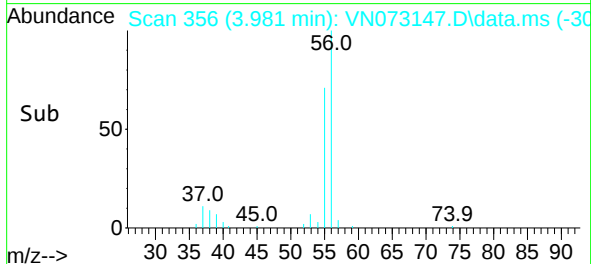
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



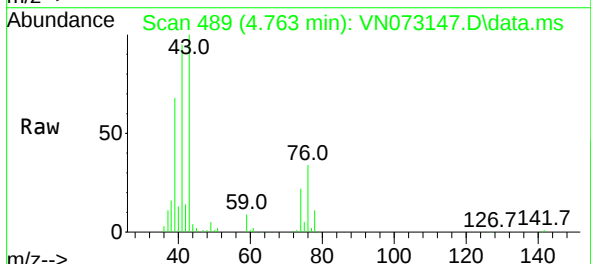
Tgt Ion: 56 Resp: 54099
Ion Ratio Lower Upper
56 100
55 70.2 54.8 82.2

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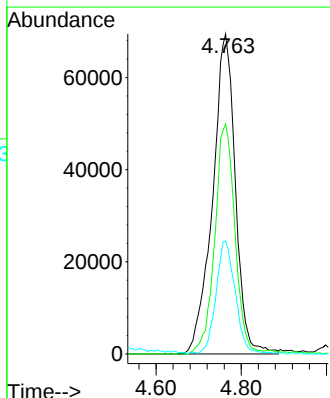
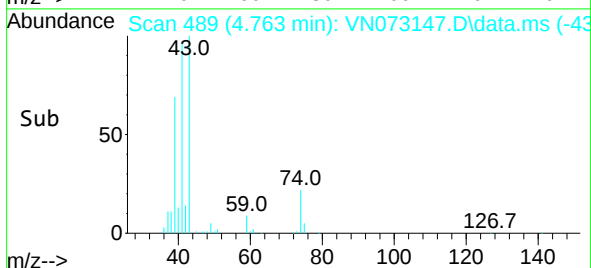
Reviewed By :John Carlone 06/27/2022
Supervised By :Mahesh Dadoda 06/30/2022



#14
Allyl chloride
Concen: 45.705 ug/l
RT: 4.763 min Scan# 489
Delta R.T. 0.006 min
Lab File: VN073147.D
Acq: 26 Jun 2022 08:11



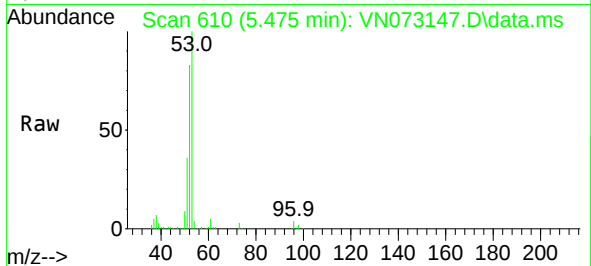
Tgt Ion: 41 Resp: 258758
Ion Ratio Lower Upper
41 100
39 63.4 53.2 79.8
76 30.1 29.9 44.9





#15
Acrylonitrile
Concen: 269.427 ug/l
RT: 5.475 min Scan# 610
Delta R.T. 0.000 min
Lab File: VN073147.D
Acq: 26 Jun 2022 08:11

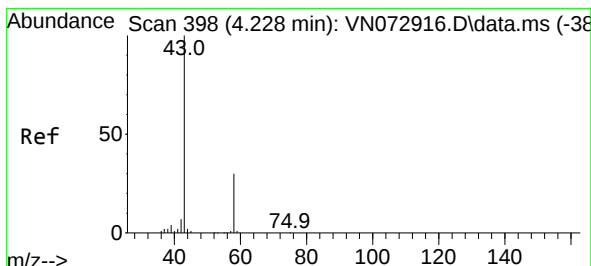
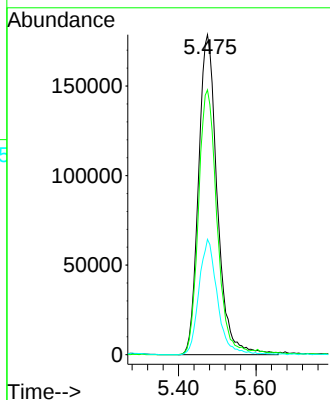
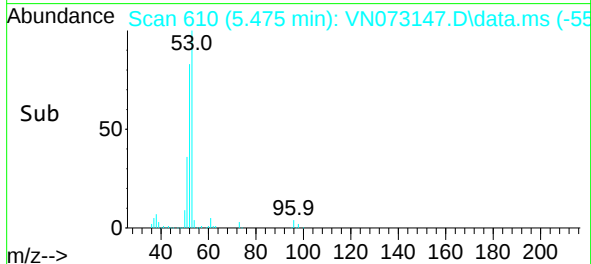
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 600330
Ion Ratio Lower Upper
53 100
52 81.6 66.4 99.6
51 35.5 28.5 42.7

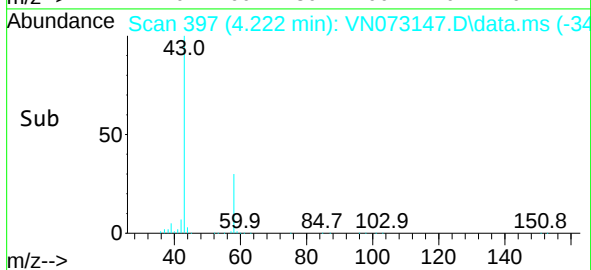
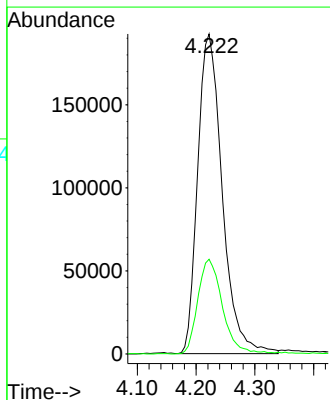
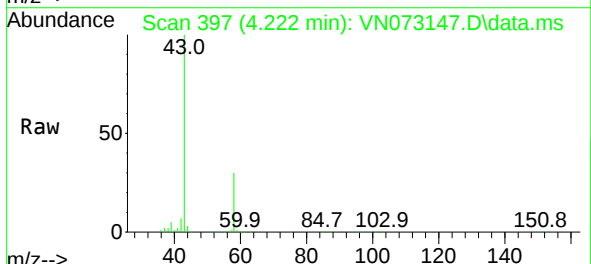
Manual Integrations
APPROVED

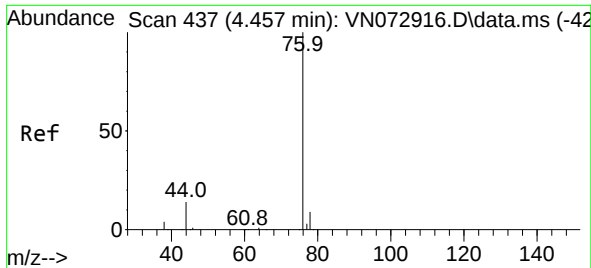
Reviewed By :John Carlone 06/27/2022
Supervised By :Mahesh Dadoda 06/30/2022



#16
Acetone
Concen: 271.297 ug/l
RT: 4.222 min Scan# 397
Delta R.T. -0.006 min
Lab File: VN073147.D
Acq: 26 Jun 2022 08:11

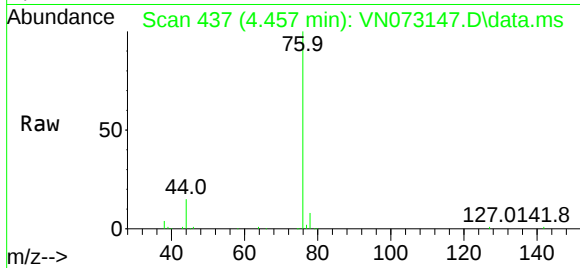
Tgt Ion: 43 Resp: 558033
Ion Ratio Lower Upper
43 100
58 29.5 26.0 39.0





#17
Carbon Disulfide
Concen: 38.315 ug/l
RT: 4.457 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN073147.D
Acq: 26 Jun 2022 08:11

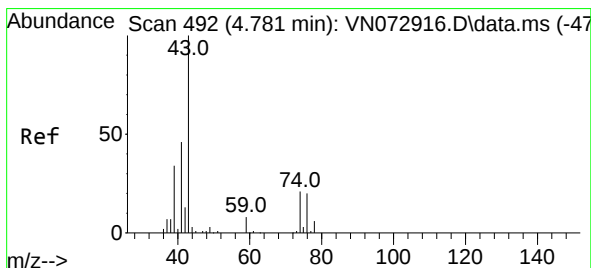
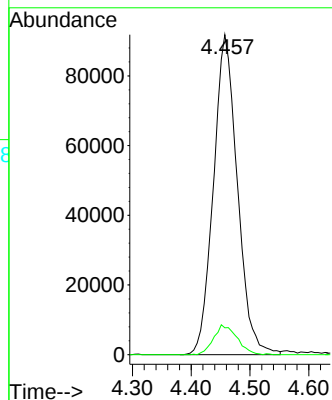
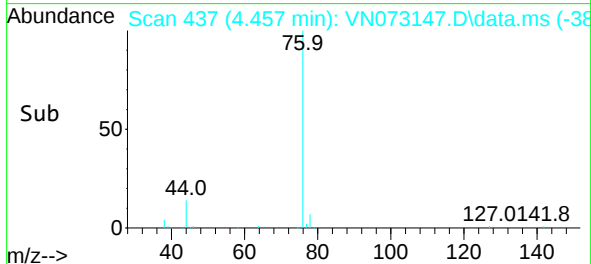
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 26013
Ion Ratio Lower Upper
76 100
78 8.4 7.2 10.8

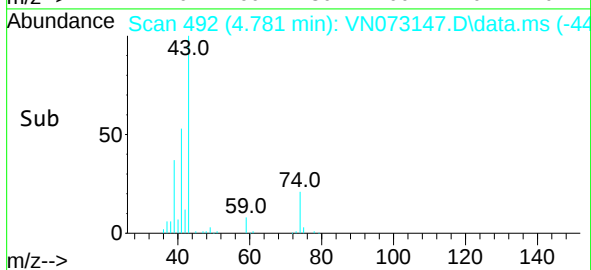
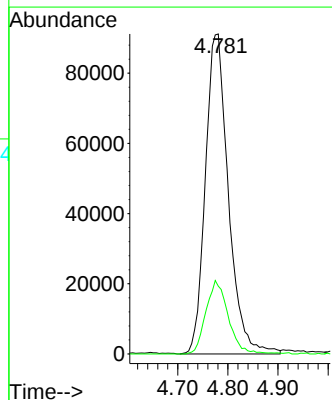
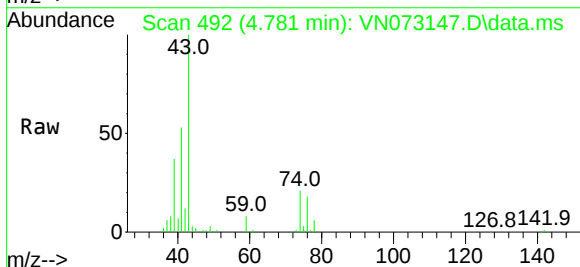
Manual Integrations
APPROVED

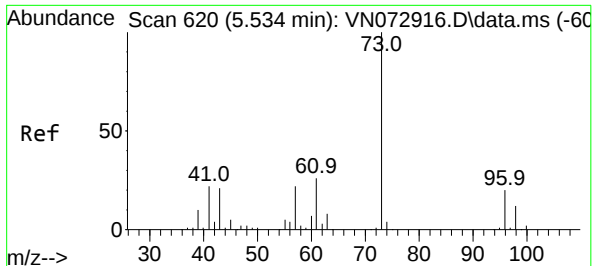
Reviewed By :John Carlone 06/27/2022
Supervised By :Mahesh Dadoda 06/30/2022



#18
Methyl Acetate
Concen: 53.236 ug/l
RT: 4.781 min Scan# 492
Delta R.T. 0.000 min
Lab File: VN073147.D
Acq: 26 Jun 2022 08:11

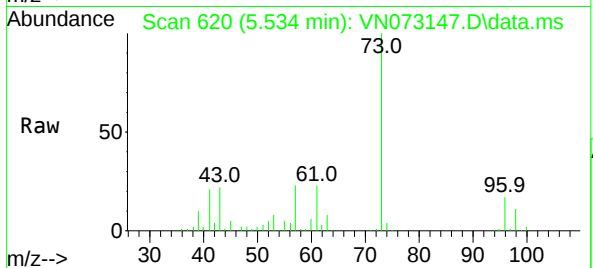
Tgt Ion: 43 Resp: 291597
Ion Ratio Lower Upper
43 100
74 22.3 21.6 32.4





#19
Methyl tert-butyl Ether
Concen: 56.068 ug/l
RT: 5.534 min Scan# 619
Delta R.T. 0.000 min
Lab File: VN073147.D
Acq: 26 Jun 2022 08:11

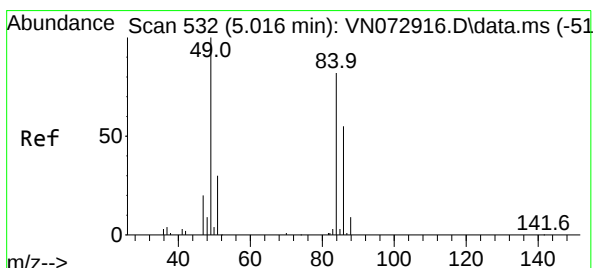
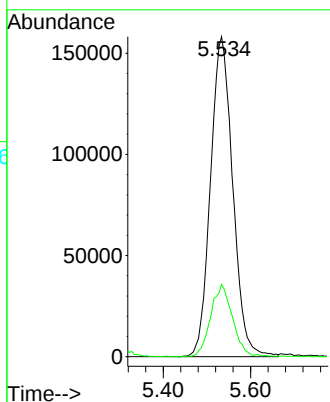
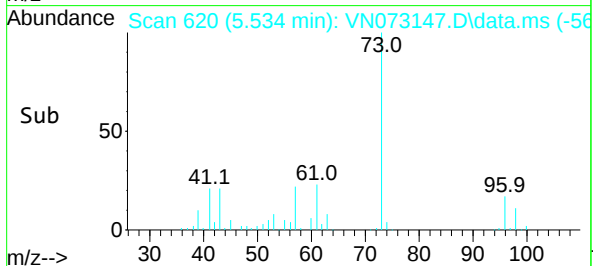
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



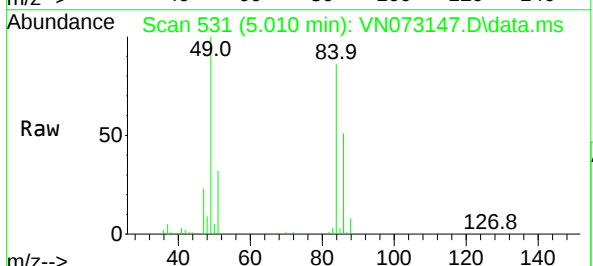
Tgt Ion: 73 Resp: 557986
Ion Ratio Lower Upper
73 100
57 22.5 17.6 26.4

Manual Integrations
APPROVED

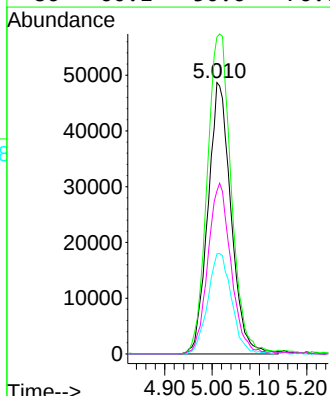
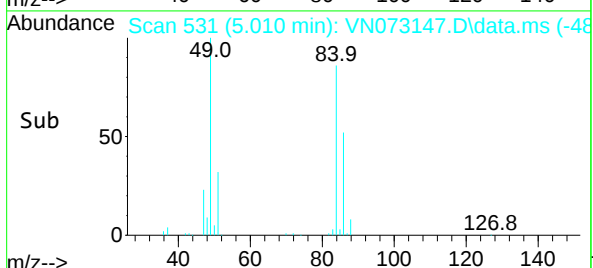
Reviewed By :John Carlone 06/27/2022
Supervised By :Mahesh Dadoda 06/30/2022

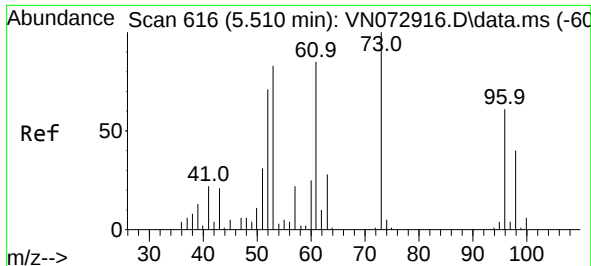


#20
Methylene Chloride
Concen: 51.538 ug/l
RT: 5.010 min Scan# 531
Delta R.T. -0.006 min
Lab File: VN073147.D
Acq: 26 Jun 2022 08:11



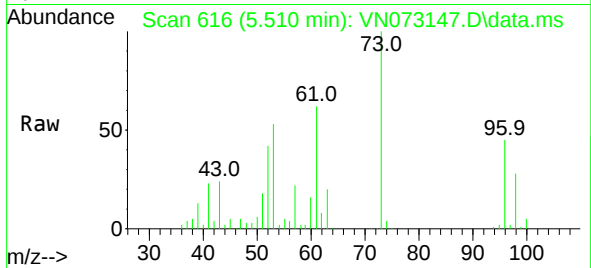
Tgt Ion: 84 Resp: 164406
Ion Ratio Lower Upper
84 100
49 116.8 88.3 132.5
51 36.9 28.2 42.2
86 60.1 50.6 76.0





#21
trans-1,2-Dichloroethene
Concen: 46.393 ug/l
RT: 5.510 min Scan# 616
Delta R.T. 0.000 min
Lab File: VN073147.D
Acq: 26 Jun 2022 08:11

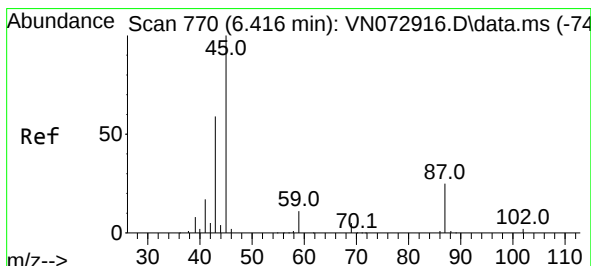
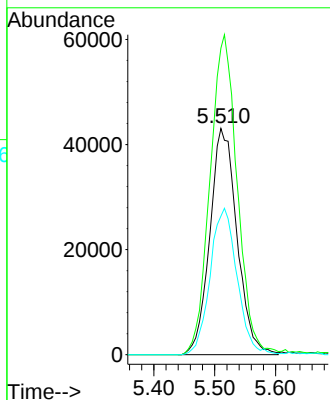
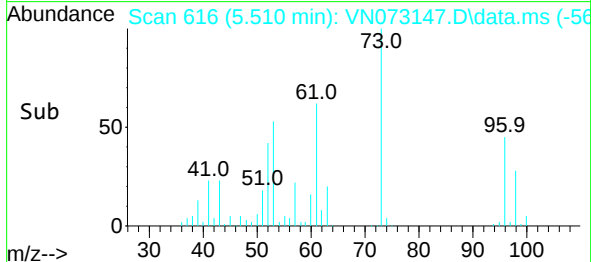
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



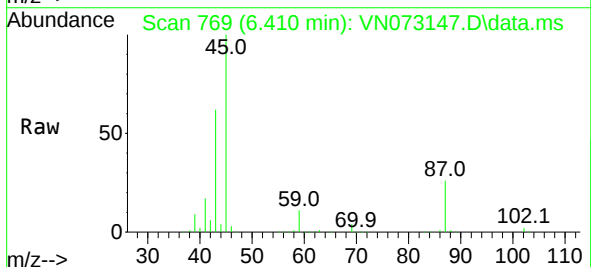
Tgt Ion: 96 Resp: 133720
Ion Ratio Lower Upper
96 100
61 135.5 105.8 158.8
98 61.2 50.3 75.5

Manual Integrations
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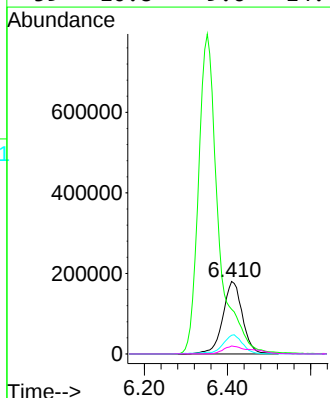
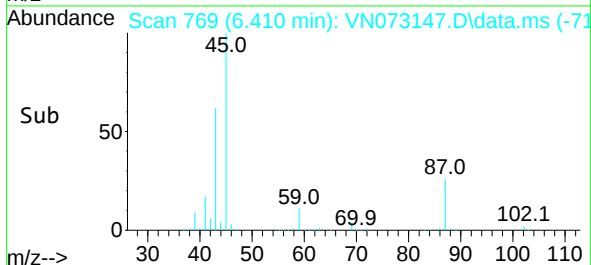
Reviewed By :John Carlone 06/27/2022
Supervised By :Mahesh Dadoda 06/30/2022



#22
Diisopropyl ether
Concen: 55.710 ug/l
RT: 6.410 min Scan# 769
Delta R.T. -0.006 min
Lab File: VN073147.D
Acq: 26 Jun 2022 08:11



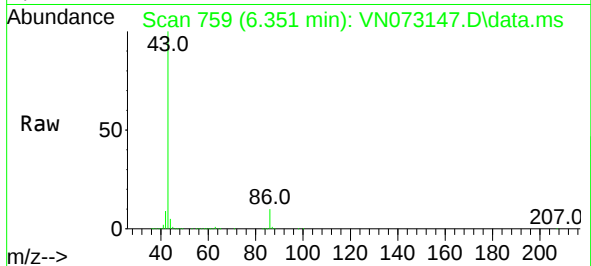
Tgt Ion: 45 Resp: 587985
Ion Ratio Lower Upper
45 100
43 61.4 46.6 70.0
87 25.6 24.3 36.5
59 10.8 9.6 14.4





#23
 Vinyl Acetate
 Concen: 269.325 ug/l
 RT: 6.351 min Scan# 759
 Delta R.T. 0.000 min
 Lab File: VN073147.D
 Acq: 26 Jun 2022 08:11

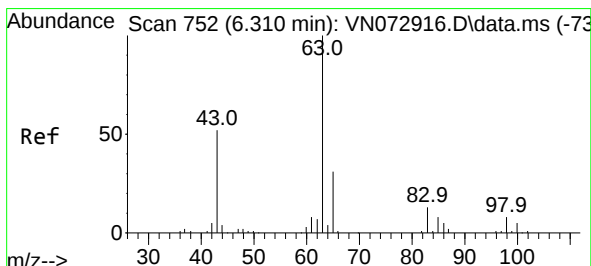
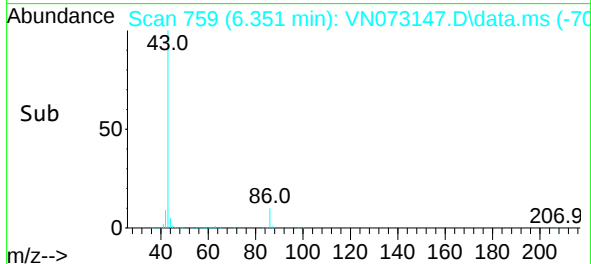
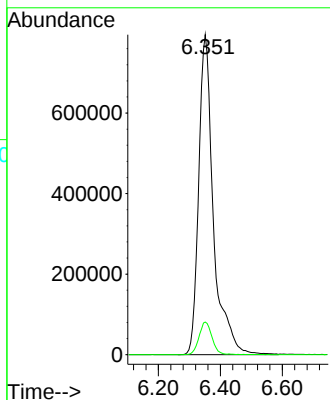
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 43 Resp: 262399
 Ion Ratio Lower Upper
 43 100
 86 10.2 10.0 15.0

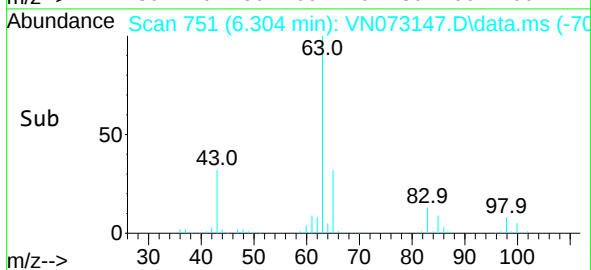
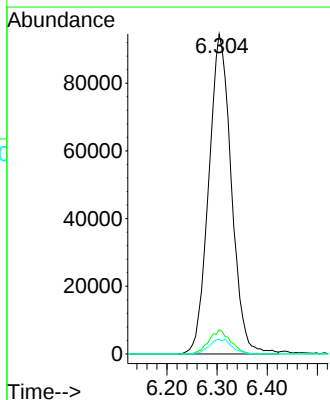
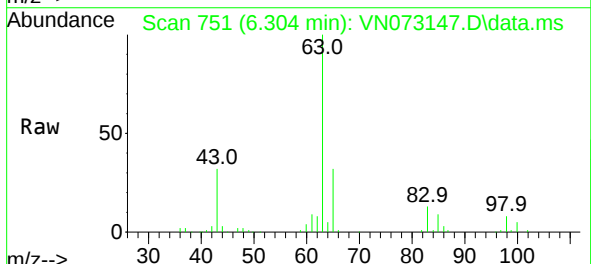
Manual Integrations
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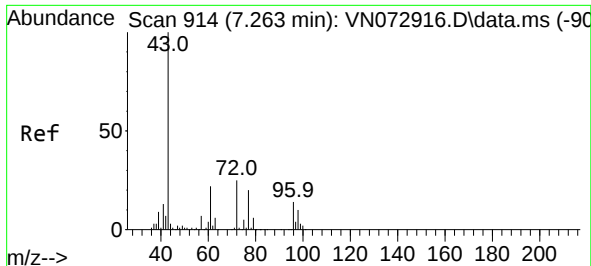
Reviewed By :John Carlone 06/27/2022
 Supervised By :Mahesh Dadoda 06/30/2022



#24
 1,1-Dichloroethane
 Concen: 53.554 ug/l
 RT: 6.304 min Scan# 751
 Delta R.T. -0.006 min
 Lab File: VN073147.D
 Acq: 26 Jun 2022 08:11

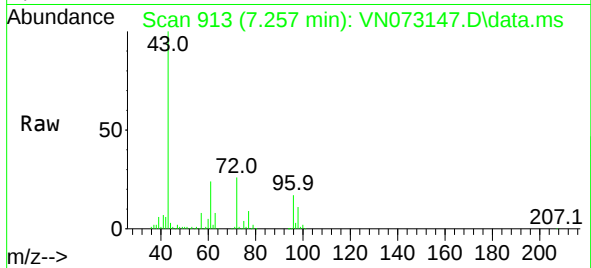
Tgt Ion: 63 Resp: 296333
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.5 10.4
 100 4.6 2.3 6.8





#25
2-Butanone
Concen: 266.837 ug/l
RT: 7.257 min Scan# 911
Delta R.T. -0.006 min
Lab File: VN073147.D
Acq: 26 Jun 2022 08:11

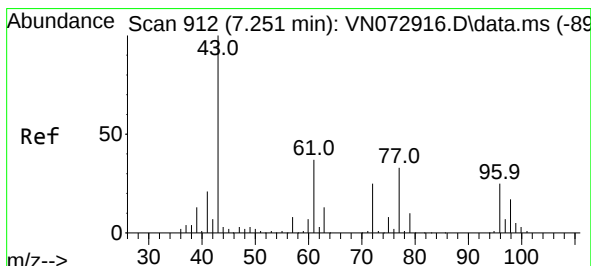
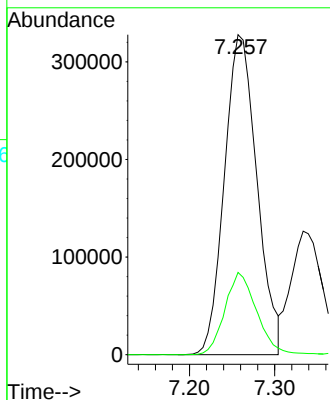
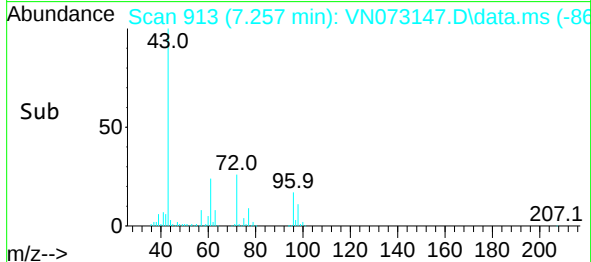
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 87095
Ion Ratio Lower Upper
43 100
72 25.7 23.7 35.5

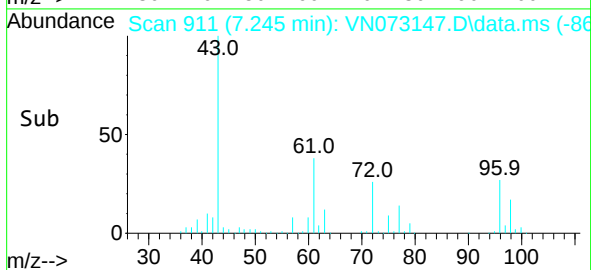
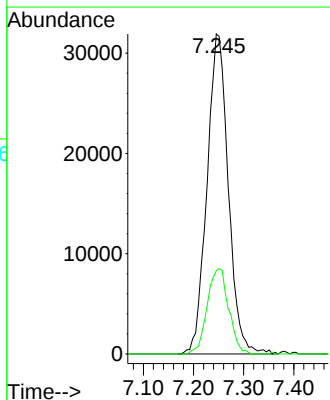
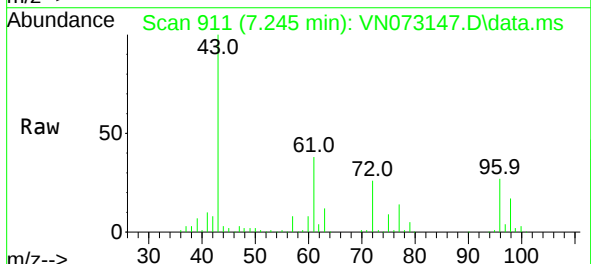
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/27/2022
Supervised By :Mahesh Dadoda 06/30/2022



#26
2,2-Dichloropropane
Concen: 20.192 ug/l
RT: 7.245 min Scan# 911
Delta R.T. -0.006 min
Lab File: VN073147.D
Acq: 26 Jun 2022 08:11

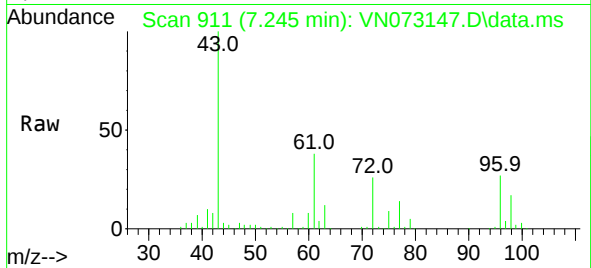
Tgt Ion: 77 Resp: 94332
Ion Ratio Lower Upper
77 100
97 26.8 11.4 34.2





#27
 cis-1,2-Dichloroethene
 Concen: 51.937 ug/l
 RT: 7.245 min Scan# 911
 Delta R.T. 0.000 min
 Lab File: VN073147.D
 Acq: 26 Jun 2022 08:11

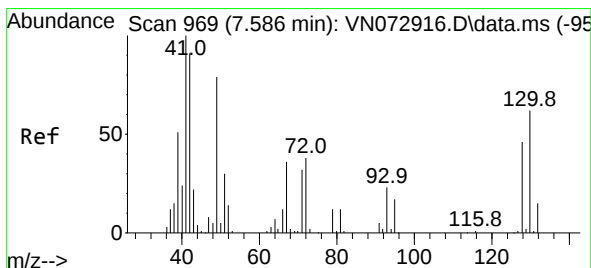
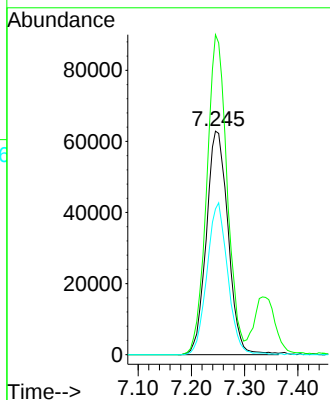
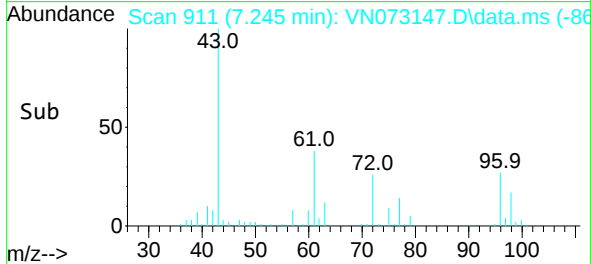
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 178860
 Ion Ratio Lower Upper
 96 100
 61 133.9 0.0 280.6
 98 64.7 0.0 128.4

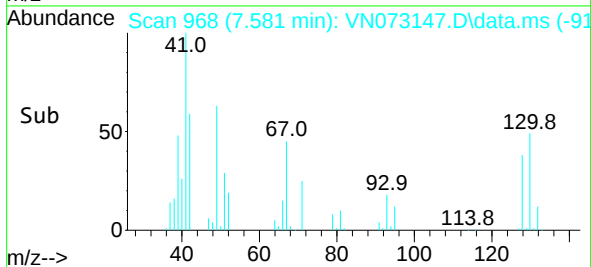
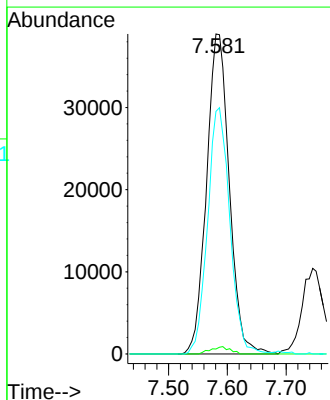
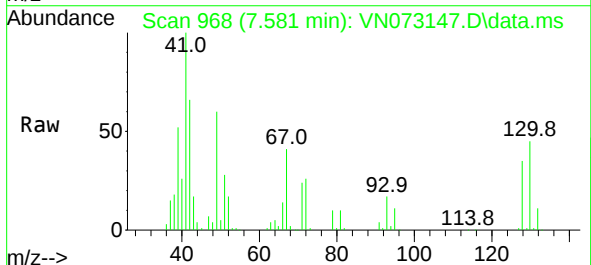
Manual Integrations
 APPROVED

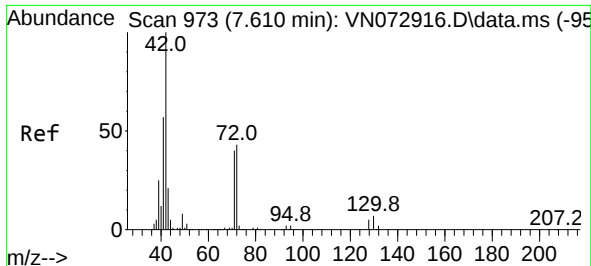
Reviewed By :John Carlone 06/27/2022
 Supervised By :Mahesh Dadoda 06/30/2022



#28
 Bromochloromethane
 Concen: 45.714 ug/l
 RT: 7.581 min Scan# 968
 Delta R.T. -0.006 min
 Lab File: VN073147.D
 Acq: 26 Jun 2022 08:11

Tgt Ion: 49 Resp: 104614
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 4.6
 130 75.2 69.7 104.5





#29

Tetrahydrofuran

Concen: 265.182 ug/l

RT: 7.610 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN073147.D

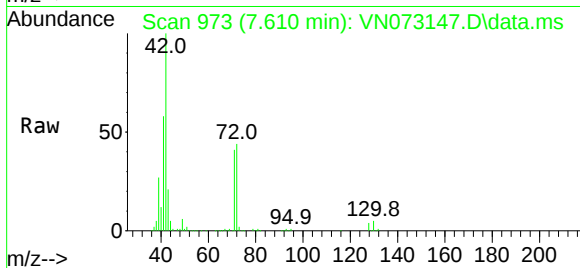
Acq: 26 Jun 2022 08:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



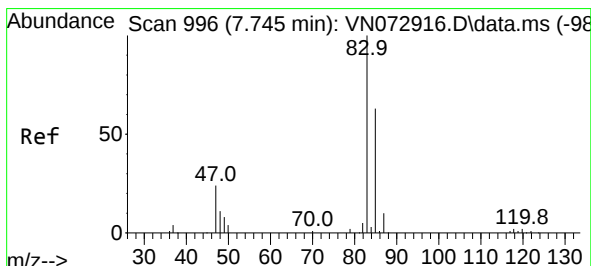
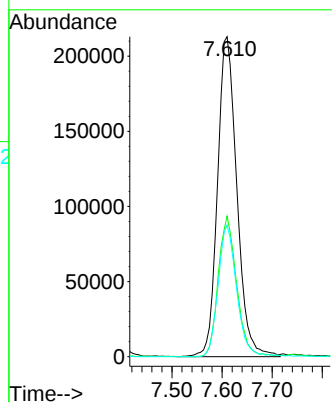
Tgt Ion:	42	Resp:	571578
Ion	Ratio	Lower	Upper
42	100		
72	41.6	39.7	59.5
71	39.3	36.6	55.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/27/2022

Supervised By :Mahesh Dadoda 06/30/2022



#30

Chloroform

Concen: 54.572 ug/l

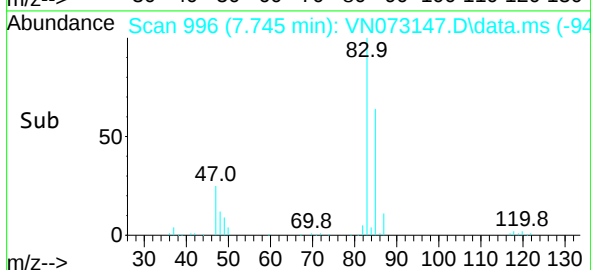
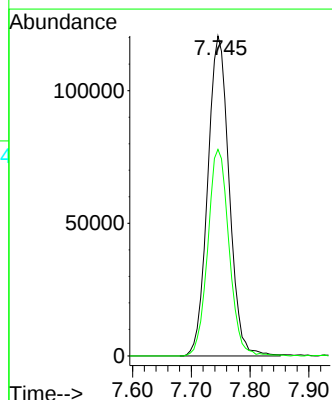
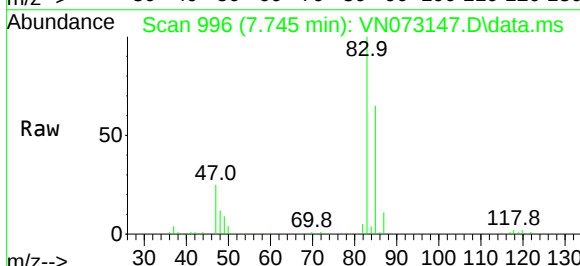
RT: 7.745 min Scan# 996

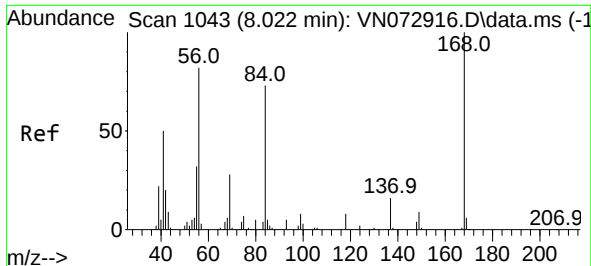
Delta R.T. 0.000 min

Lab File: VN073147.D

Acq: 26 Jun 2022 08:11

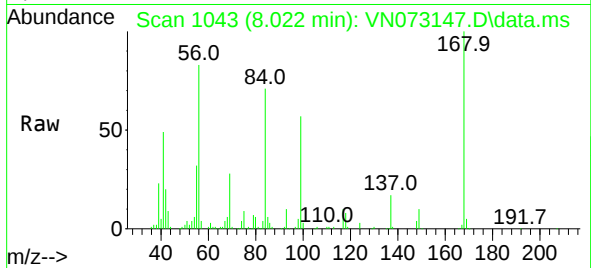
Tgt Ion:	83	Resp:	305695
Ion	Ratio	Lower	Upper
83	100		
85	64.6	51.8	77.8





#31
Cyclohexane
Concen: 46.299 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. 0.000 min
Lab File: VN073147.D
Acq: 26 Jun 2022 08:11

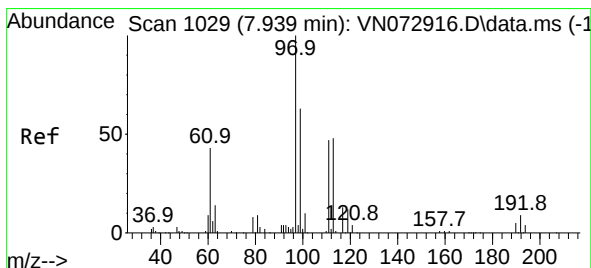
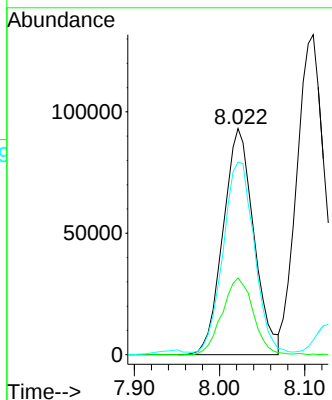
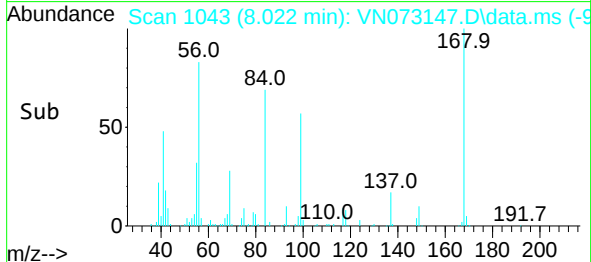
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



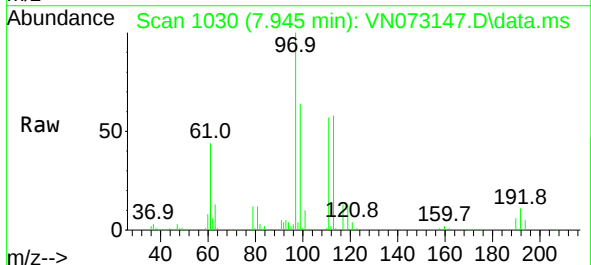
Tgt Ion: 56 Resp: 234352
Ion Ratio Lower Upper
56 100
69 33.9 27.8 41.8
84 82.9 76.9 115.3

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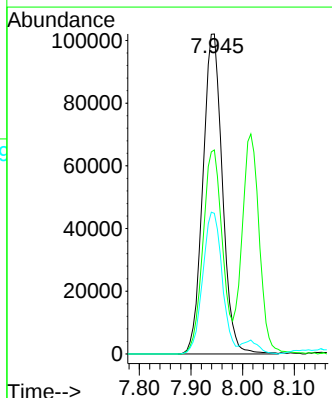
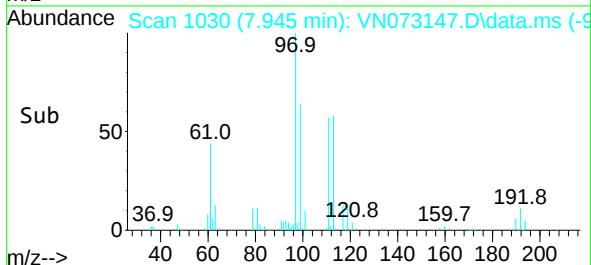
Reviewed By :John Carlone 06/27/2022
Supervised By :Mahesh Dadoda 06/30/2022

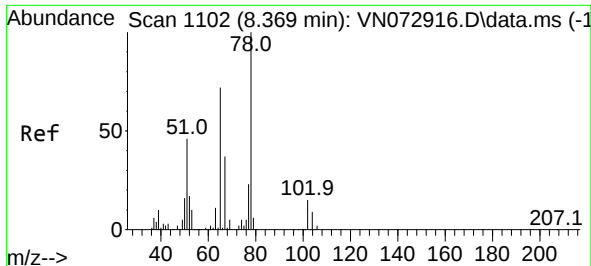


#32
1,1,1-Trichloroethane
Concen: 54.454 ug/l
RT: 7.945 min Scan# 1030
Delta R.T. 0.006 min
Lab File: VN073147.D
Acq: 26 Jun 2022 08:11



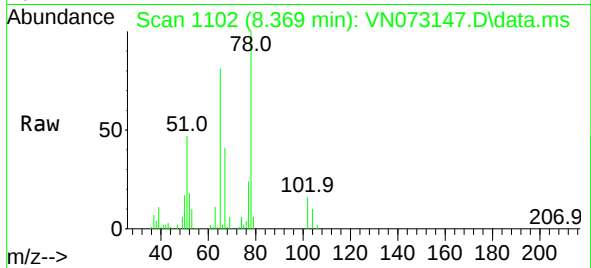
Tgt Ion: 97 Resp: 267681
Ion Ratio Lower Upper
97 100
99 63.6 50.6 76.0
61 44.3 36.0 54.0





#33
1,2-Dichloroethane-d4
Concen: 52.602 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. 0.000 min
Lab File: VN073147.D
Acq: 26 Jun 2022 08:11

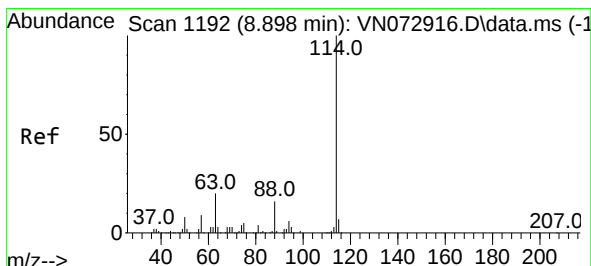
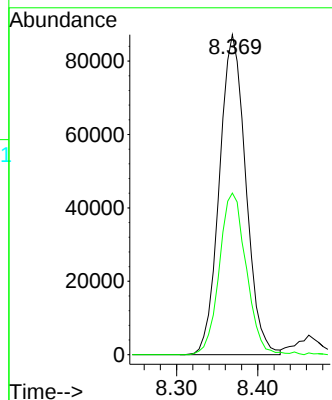
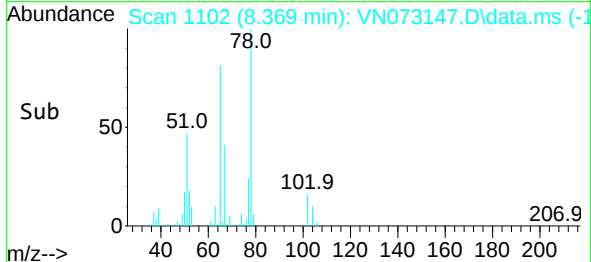
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



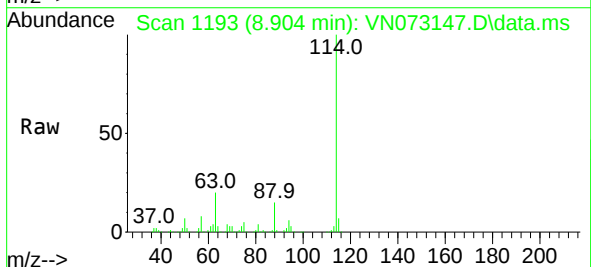
Tgt Ion: 65 Resp: 19683
Ion Ratio Lower Upper
65 100
67 51.3 0.0 104.8

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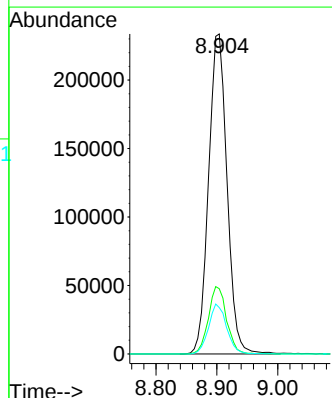
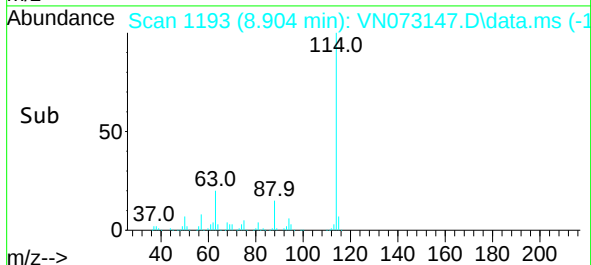
Reviewed By :John Carlone 06/27/2022
Supervised By :Mahesh Dadoda 06/30/2022



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.904 min Scan# 1193
Delta R.T. 0.006 min
Lab File: VN073147.D
Acq: 26 Jun 2022 08:11



Tgt Ion:114 Resp: 491141
Ion Ratio Lower Upper
114 100
63 20.4 0.0 40.0
88 14.5 0.0 32.6





#35

Dibromofluoromethane

Concen: 50.787 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073147.D

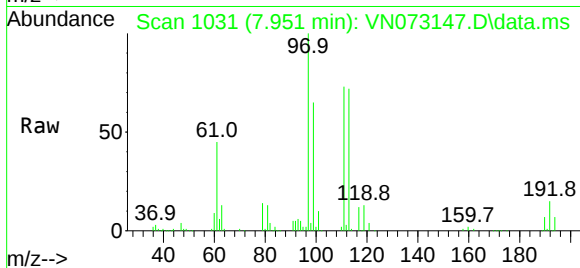
Acq: 26 Jun 2022 08:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



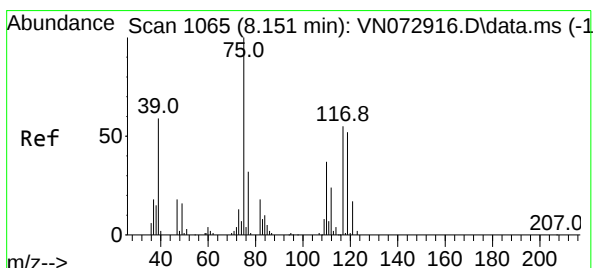
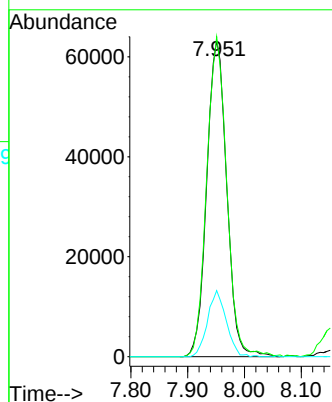
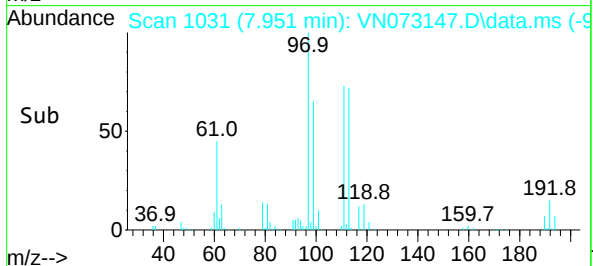
Tgt Ion:	113	Resp:	15417
Ion Ratio	Lower	Upper	
113	100		
111	101.6	81.4	122.0
192	19.6	17.0	25.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/27/2022

Supervised By :Mahesh Dadoda 06/30/2022



#36

1,1-Dichloropropene

Concen: 48.479 ug/l

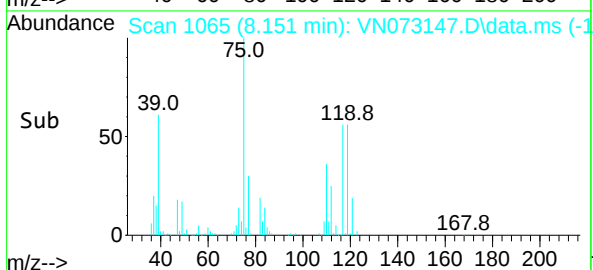
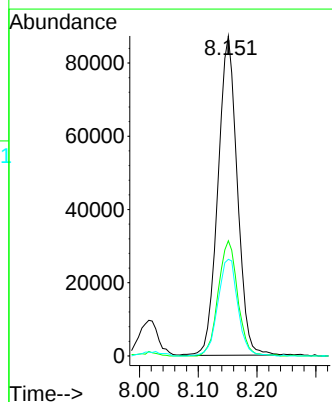
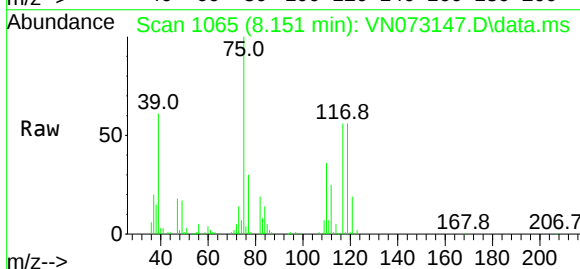
RT: 8.151 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VN073147.D

Acq: 26 Jun 2022 08:11

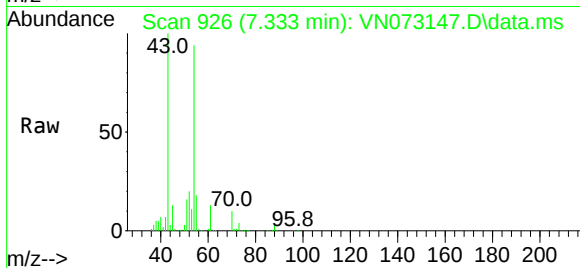
Tgt Ion:	75	Resp:	199135
Ion Ratio	Lower	Upper	
75	100		
110	36.4	18.3	54.8
77	31.4	25.1	37.7





#37
Ethyl Acetate
Concen: 52.115 ug/l
RT: 7.333 min Scan# 91
Delta R.T. -0.012 min
Lab File: VN073147.D
Acq: 26 Jun 2022 08:11

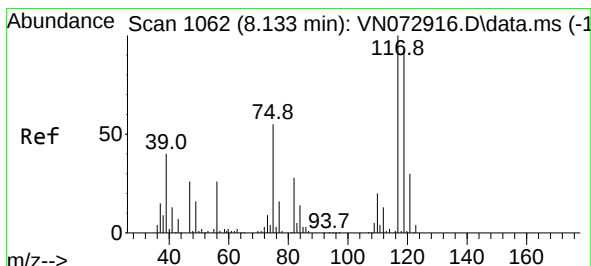
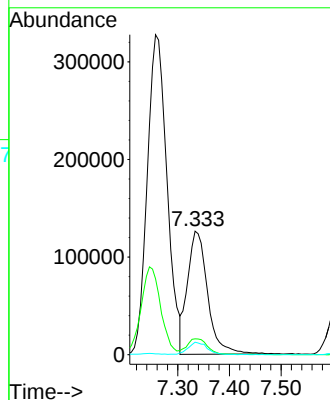
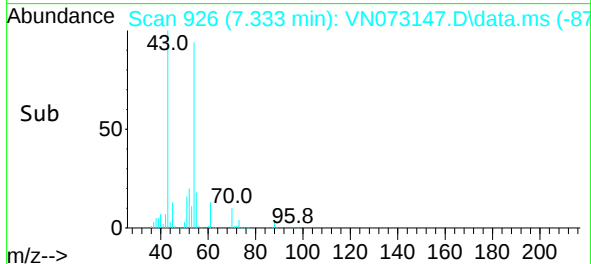
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 342409
Ion Ratio Lower Upper
43 100
61 13.3 11.8 17.6
70 9.6 9.3 13.9

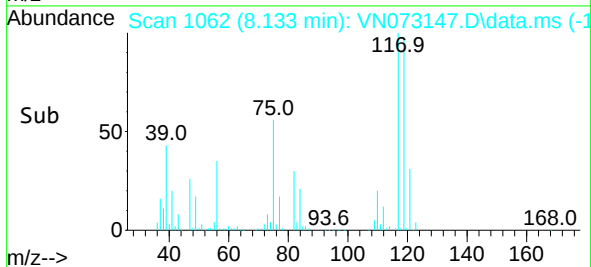
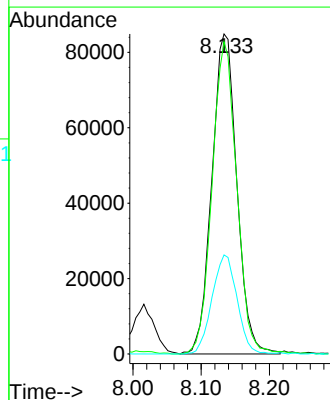
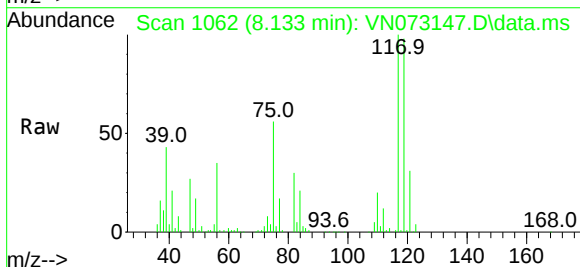
Manual Integrations
APPROVED

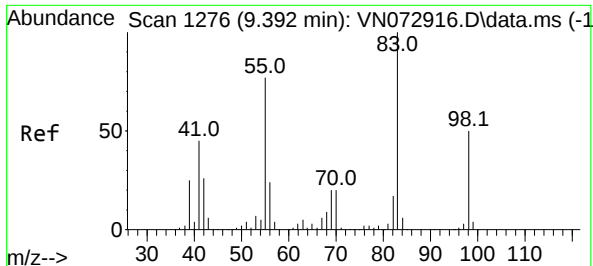
Reviewed By :John Carlone 06/27/2022
Supervised By :Mahesh Dadoda 06/30/2022



#38
Carbon Tetrachloride
Concen: 50.142 ug/l
RT: 8.133 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VN073147.D
Acq: 26 Jun 2022 08:11

Tgt Ion:117 Resp: 216646
Ion Ratio Lower Upper
117 100
119 97.5 75.8 113.8
121 31.0 24.6 37.0





#39

Methylcyclohexane

Concen: 46.959 ug/l

RT: 9.392 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VN073147.D

Acq: 26 Jun 2022 08:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

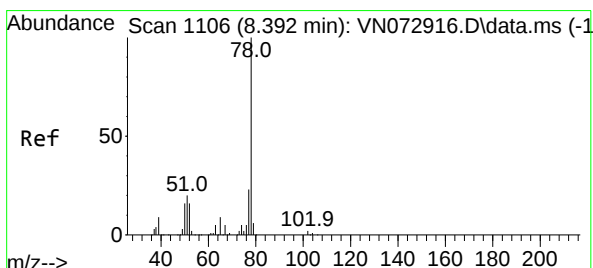
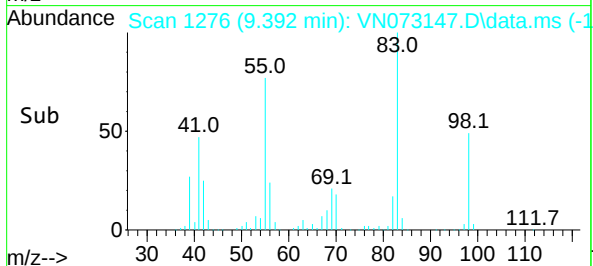
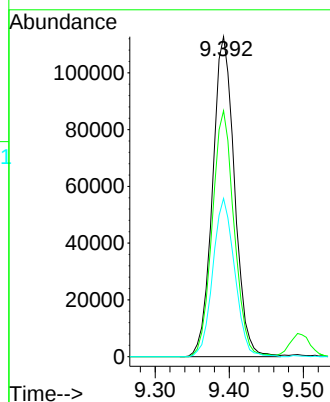
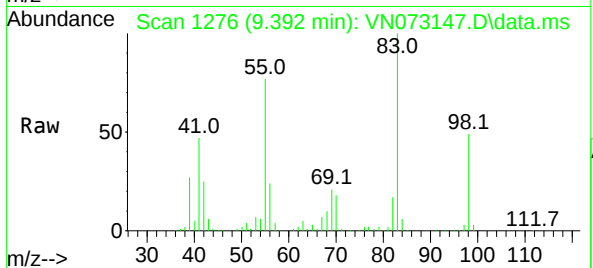
Tgt Ion:	83	Resp:	232498
Ion Ratio	Lower	Upper	
83	100		
55	76.9	57.8	86.8
98	49.5	39.4	59.2

Manual Integrations

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Reviewed By :John Carlone 06/27/2022

Supervised By :Mahesh Dadoda 06/30/2022



#40

Benzene

Concen: 49.791 ug/l

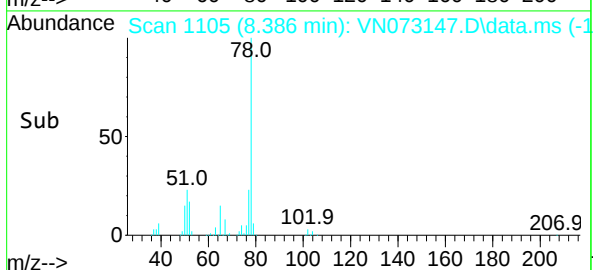
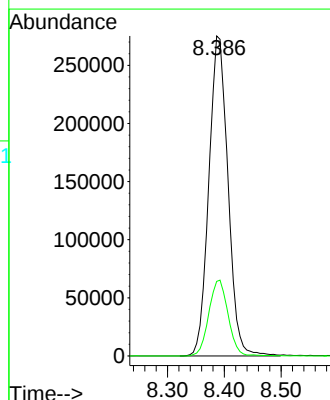
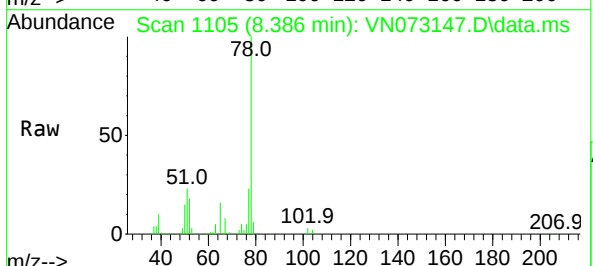
RT: 8.386 min Scan# 1105

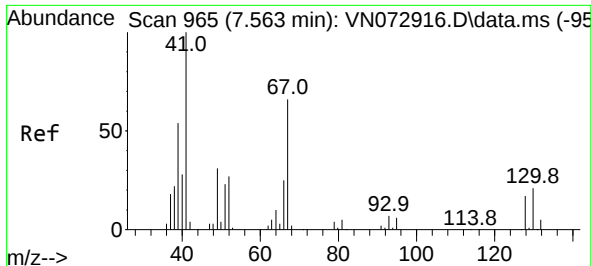
Delta R.T. -0.006 min

Lab File: VN073147.D

Acq: 26 Jun 2022 08:11

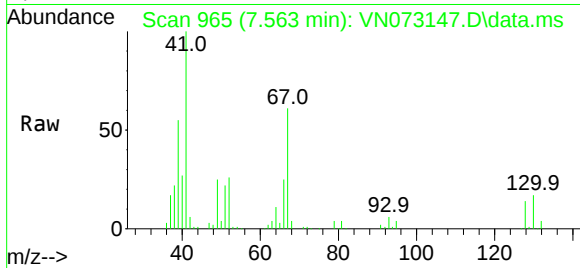
Tgt Ion:	78	Resp:	642766
Ion Ratio	Lower	Upper	
78	100		
77	23.3	19.4	29.0





#41
Methacrylonitrile
Concen: 55.490 ug/l
RT: 7.563 min Scan# 965
Delta R.T. 0.000 min
Lab File: VN073147.D
Acq: 26 Jun 2022 08:11

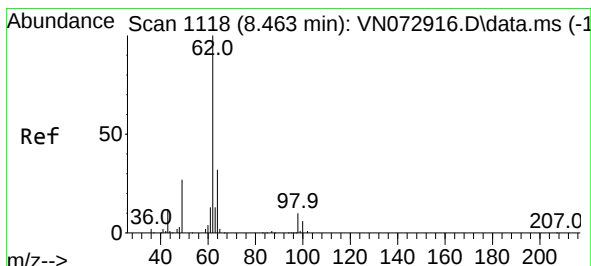
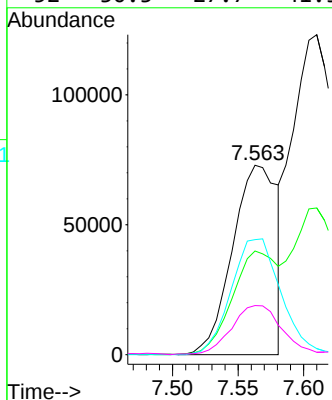
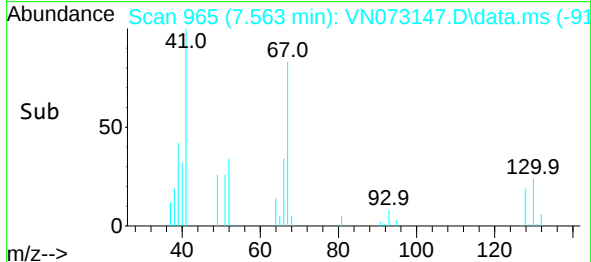
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



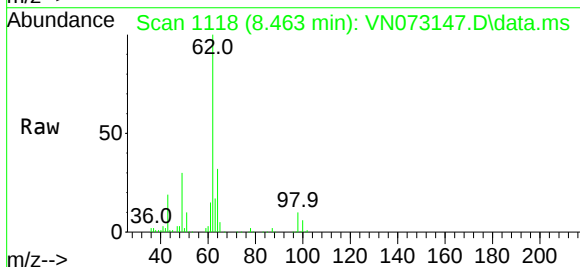
Tgt Ion: 41 Resp: 17288
Ion Ratio Lower Upper
41 100
39 54.5 48.6 73.0
67 68.7 73.4 110.2
52 30.3 27.7 41.5

Manual Integrations
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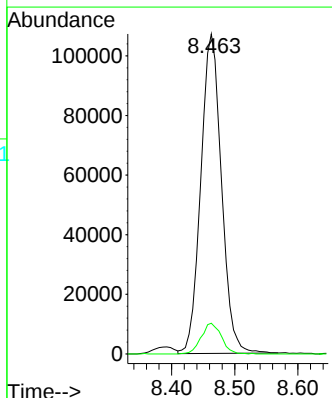
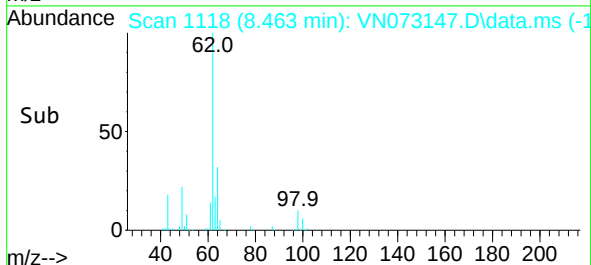
Reviewed By :John Carlone 06/27/2022
Supervised By :Mahesh Dadoda 06/30/2022

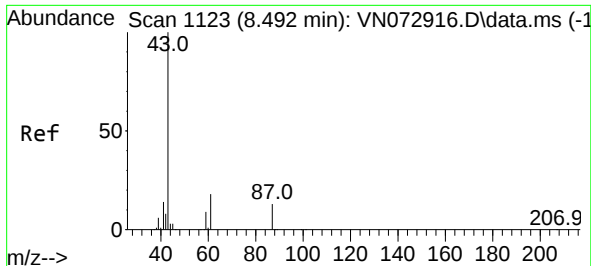


#42
1,2-Dichloroethane
Concen: 53.139 ug/l
RT: 8.463 min Scan# 1118
Delta R.T. 0.000 min
Lab File: VN073147.D
Acq: 26 Jun 2022 08:11



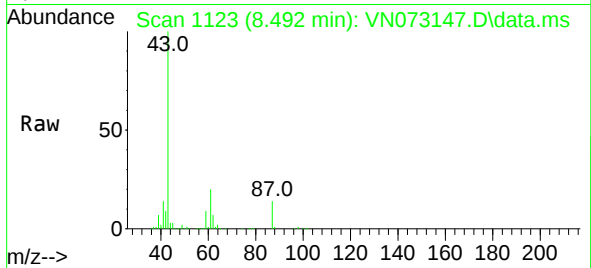
Tgt Ion: 62 Resp: 243650
Ion Ratio Lower Upper
62 100
98 9.4 0.0 19.4





#43
Isopropyl Acetate
Concen: 54.062 ug/l
RT: 8.492 min Scan# 1123
Delta R.T. 0.000 min
Lab File: VN073147.D
Acq: 26 Jun 2022 08:11

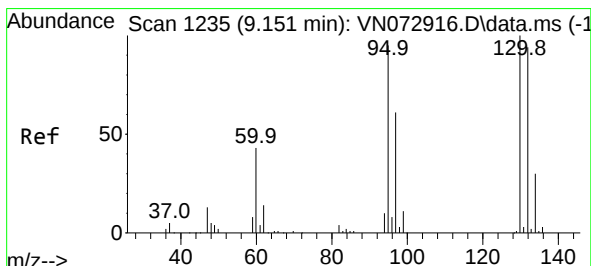
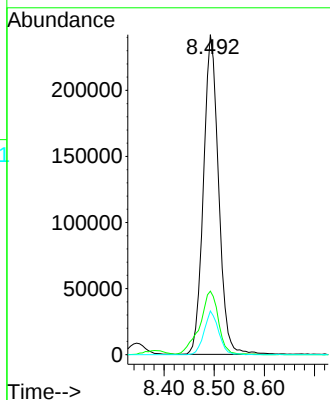
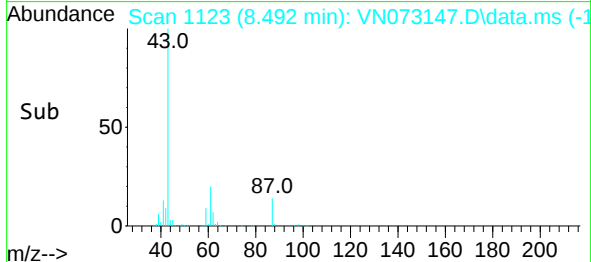
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



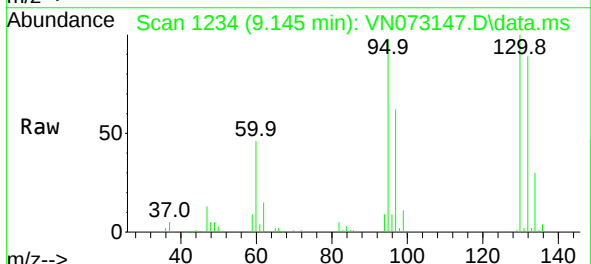
Tgt Ion: 43 Resp: 50774
Ion Ratio Lower Upper
43 100
61 24.7 21.9 32.9
87 13.0 12.0 18.0

Manual Integrations
APPROVED

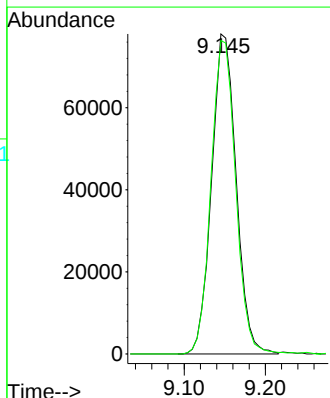
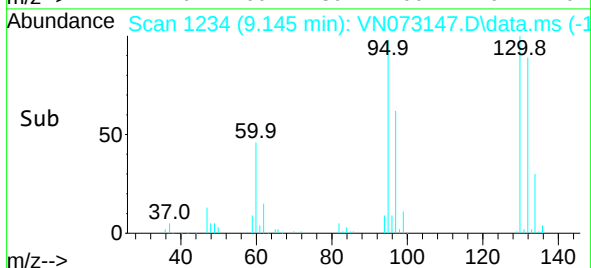
Reviewed By :John Carlone 06/27/2022
Supervised By :Mahesh Dadoda 06/30/2022

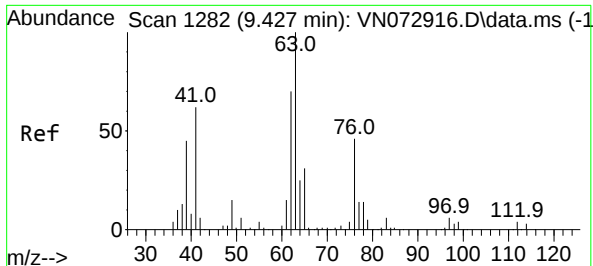


#44
Trichloroethene
Concen: 50.092 ug/l
RT: 9.145 min Scan# 1234
Delta R.T. -0.006 min
Lab File: VN073147.D
Acq: 26 Jun 2022 08:11



Tgt Ion:130 Resp: 163875
Ion Ratio Lower Upper
130 100
95 98.0 0.0 186.8





#45

1,2-Dichloropropane

Concen: 53.290 ug/l

RT: 9.427 min Scan# 1282

Delta R.T. 0.000 min

Lab File: VN073147.D

Acq: 26 Jun 2022 08:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 17584

Ion Ratio Lower Upper

63 100

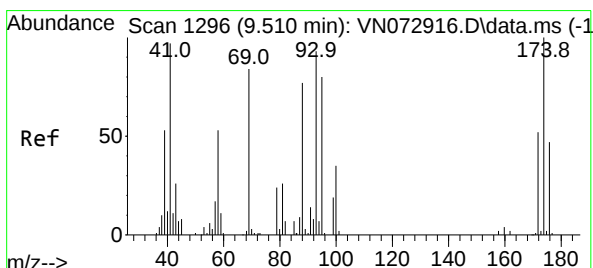
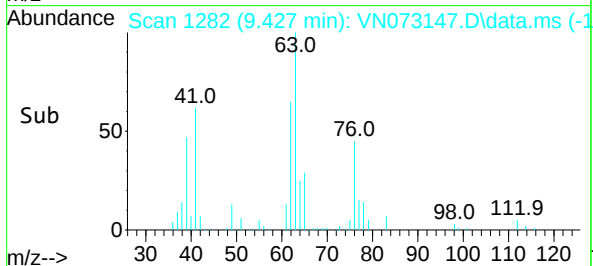
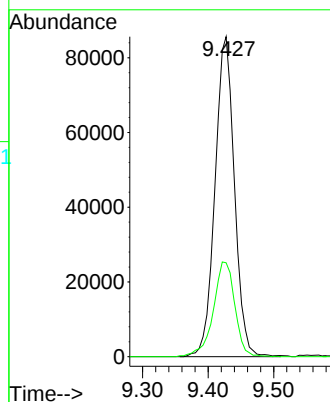
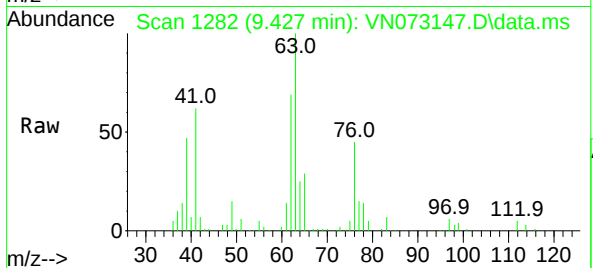
65 29.4 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/27/2022

Supervised By :Mahesh Dadoda 06/30/2022



#46

Dibromomethane

Concen: 52.605 ug/l

RT: 9.510 min Scan# 1296

Delta R.T. 0.000 min

Lab File: VN073147.D

Acq: 26 Jun 2022 08:11

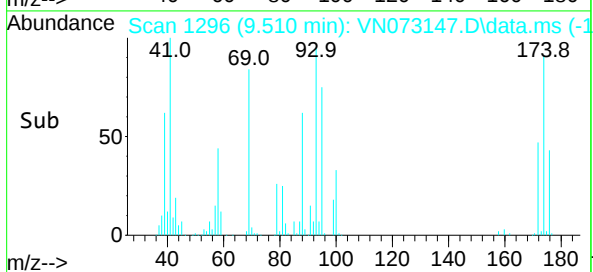
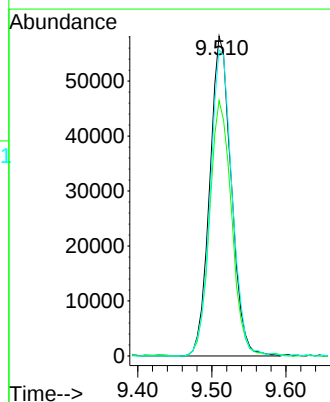
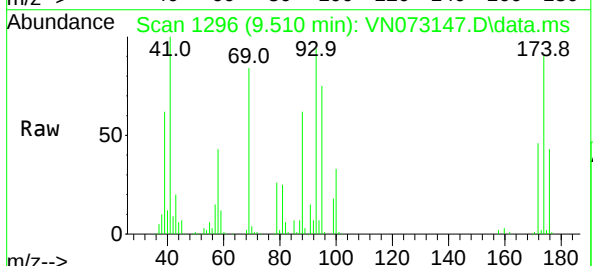
Tgt Ion: 93 Resp: 117372

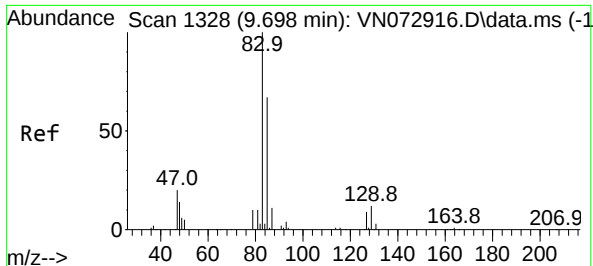
Ion Ratio Lower Upper

93 100

95 81.6 66.9 100.3

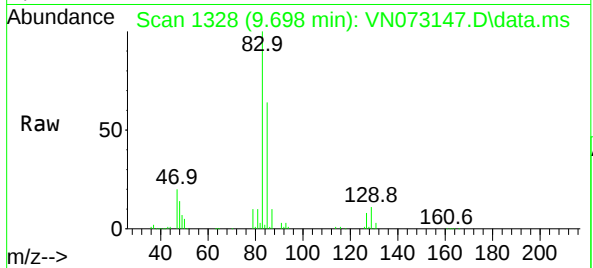
174 96.8 86.6 130.0





#47
Bromodichloromethane
Concen: 54.645 ug/l
RT: 9.698 min Scan# 1328
Delta R.T. 0.000 min
Lab File: VN073147.D
Acq: 26 Jun 2022 08:11

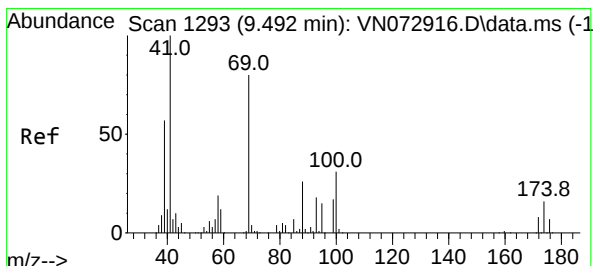
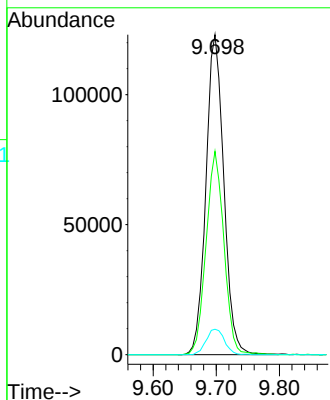
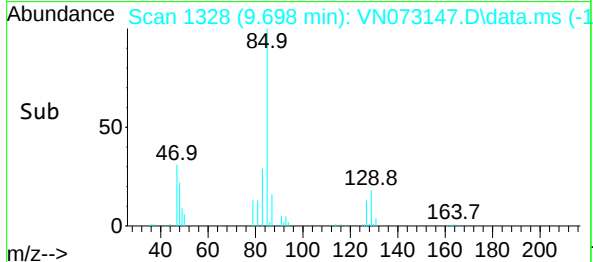
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 24230
Ion Ratio Lower Upper
83 100
85 63.5 50.5 75.7
127 7.9 6.8 10.2

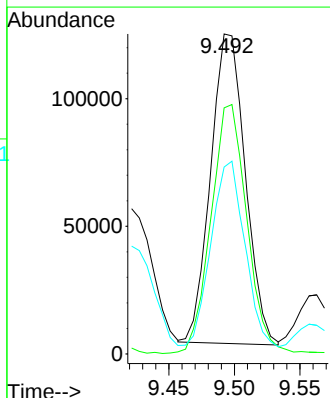
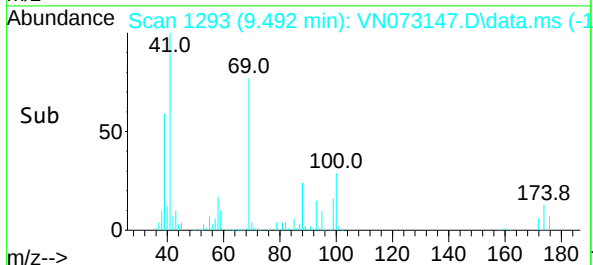
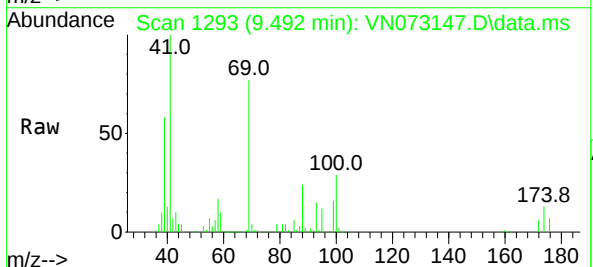
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/27/2022
Supervised By :Mahesh Dadoda 06/30/2022



#48
Methyl methacrylate
Concen: 52.049 ug/l
RT: 9.492 min Scan# 1293
Delta R.T. 0.000 min
Lab File: VN073147.D
Acq: 26 Jun 2022 08:11

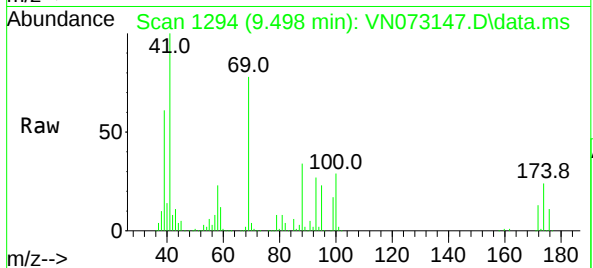
Tgt Ion: 41 Resp: 223186
Ion Ratio Lower Upper
41 100
69 83.6 74.7 112.1
39 63.3 45.6 68.4





#49
1,4-Dioxane
Concen: 933.834 ug/l
RT: 9.498 min Scan# 1294
Delta R.T. -0.006 min
Lab File: VN073147.D
Acq: 26 Jun 2022 08:11

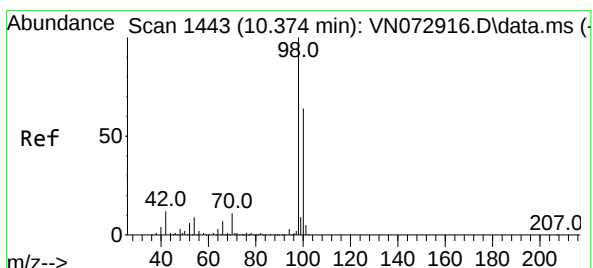
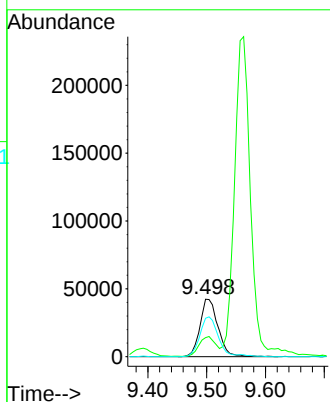
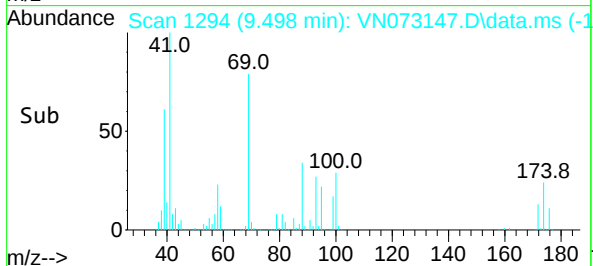
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



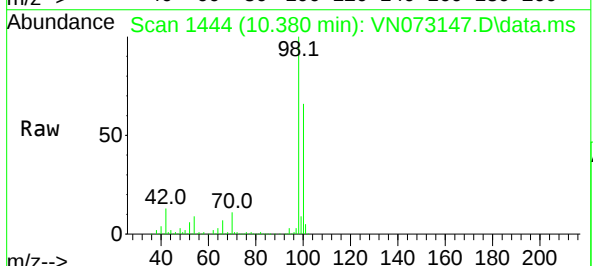
Tgt Ion: 88 Resp: 90098
Ion Ratio Lower Upper
88 100
43 31.7 20.2 30.4
58 71.5 54.2 81.4

Manual Integrations
APPROVED

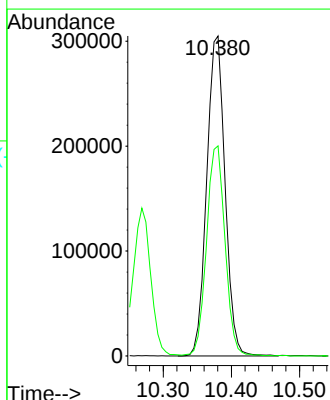
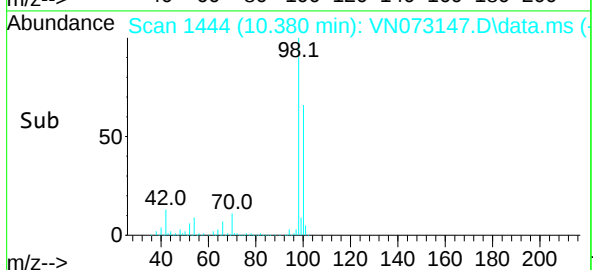
Reviewed By :John Carlone 06/27/2022
Supervised By :Mahesh Dadoda 06/30/2022

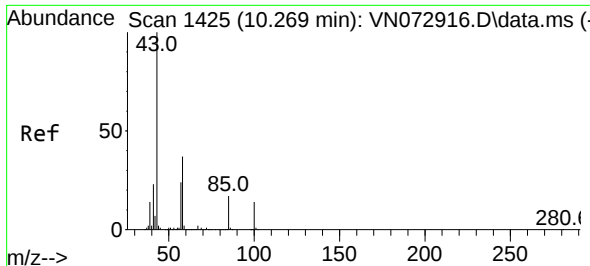


#50
Toluene-d8
Concen: 50.434 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.006 min
Lab File: VN073147.D
Acq: 26 Jun 2022 08:11



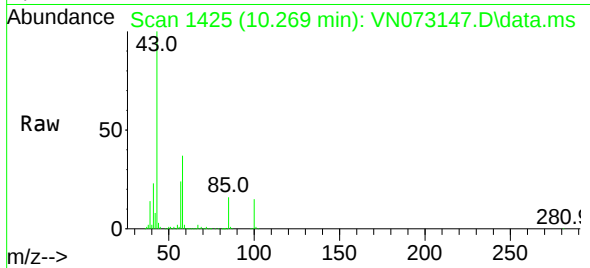
Tgt Ion: 98 Resp: 569700
Ion Ratio Lower Upper
98 100
100 66.2 52.6 78.8





#51
4-Methyl-2-Pentanone
Concen: 274.218 ug/l
RT: 10.269 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VN073147.D
Acq: 26 Jun 2022 08:11

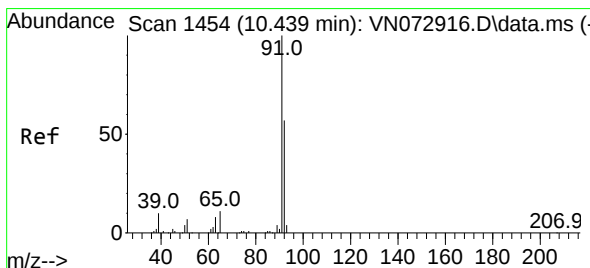
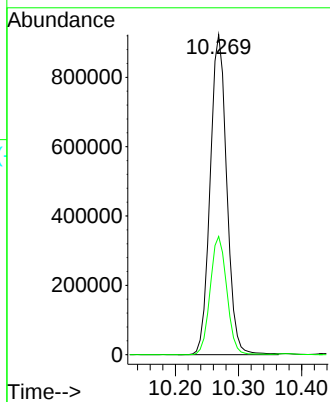
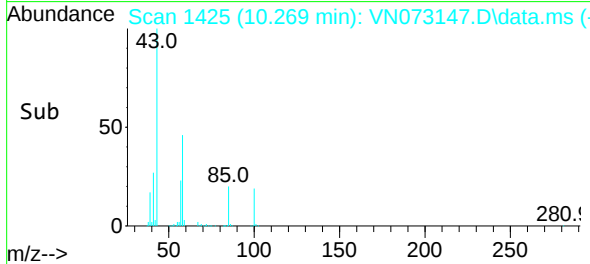
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 1679438
Ion Ratio Lower Upper
43 100
58 37.1 34.1 51.1

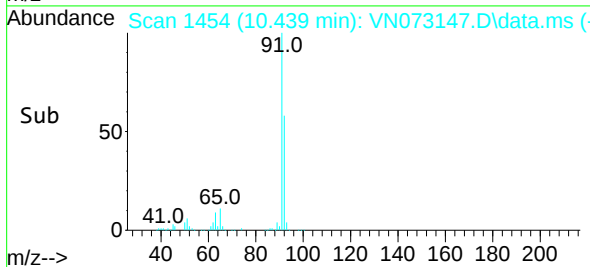
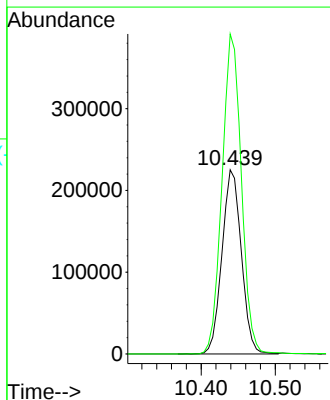
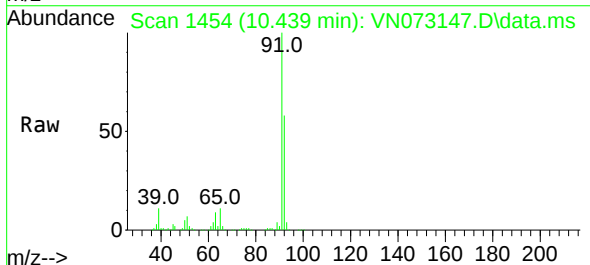
Manual Integrations
APPROVED

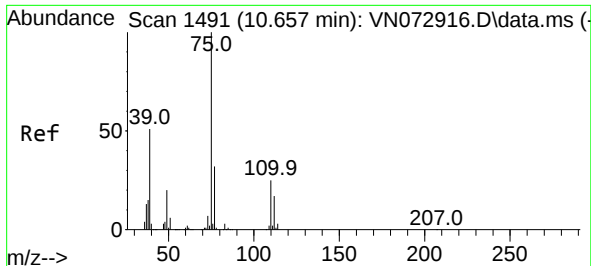
Reviewed By :John Carlone 06/27/2022
Supervised By :Mahesh Dadoda 06/30/2022



#52
Toluene
Concen: 51.509 ug/l
RT: 10.439 min Scan# 1454
Delta R.T. 0.000 min
Lab File: VN073147.D
Acq: 26 Jun 2022 08:11

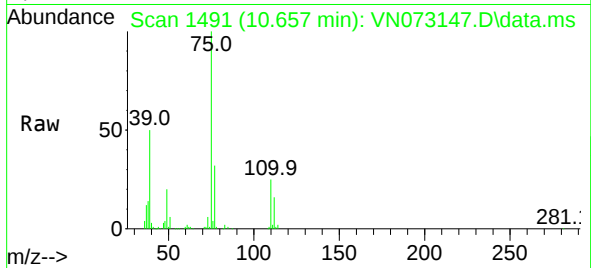
Tgt Ion: 92 Resp: 408242
Ion Ratio Lower Upper
92 100
91 173.6 138.6 207.8





#53
 t-1,3-Dichloropropene
 Concen: 48.288 ug/l
 RT: 10.657 min Scan# 1491
 Delta R.T. 0.000 min
 Lab File: VN073147.D
 Acq: 26 Jun 2022 08:11

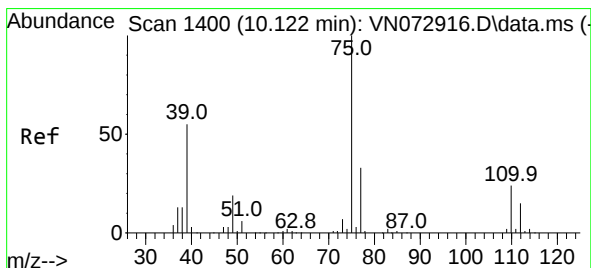
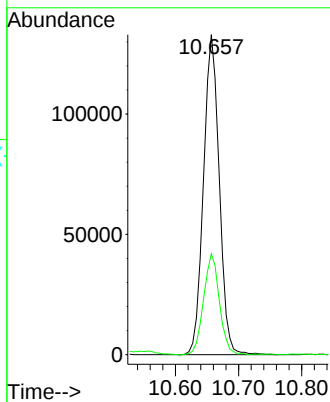
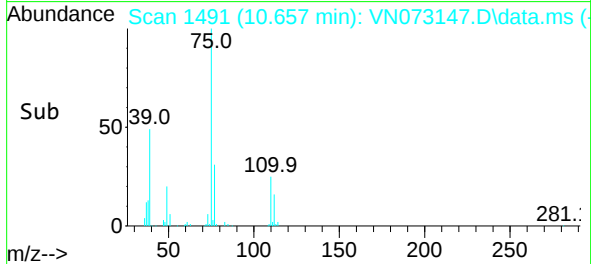
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 75 Resp: 230275
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.6 38.4

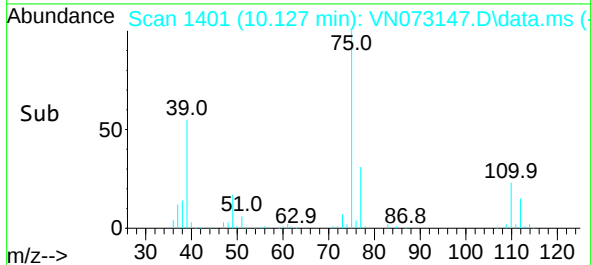
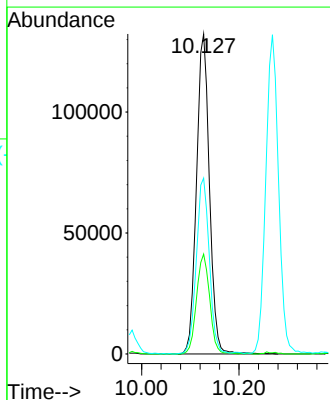
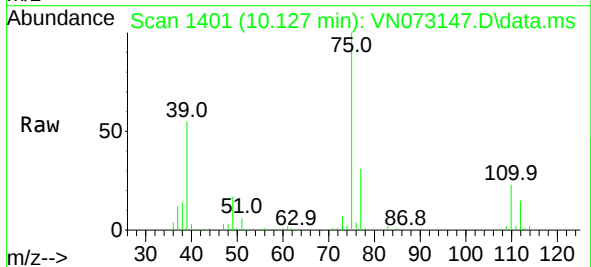
Manual Integrations
 APPROVED

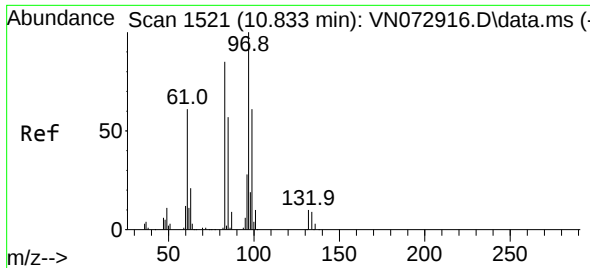
Reviewed By :John Carlone 06/27/2022
 Supervised By :Mahesh Dadoda 06/30/2022



#54
 cis-1,3-Dichloropropene
 Concen: 46.935 ug/l
 RT: 10.127 min Scan# 1401
 Delta R.T. 0.006 min
 Lab File: VN073147.D
 Acq: 26 Jun 2022 08:11

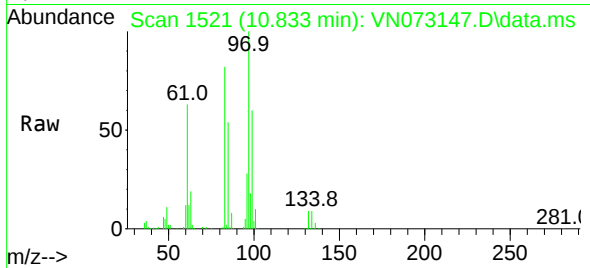
Tgt Ion: 75 Resp: 244479
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.2 37.8
 39 54.9 35.7 53.5#





#55
1,1,2-Trichloroethane
Concen: 50.588 ug/l
RT: 10.833 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VN073147.D
Acq: 26 Jun 2022 08:11

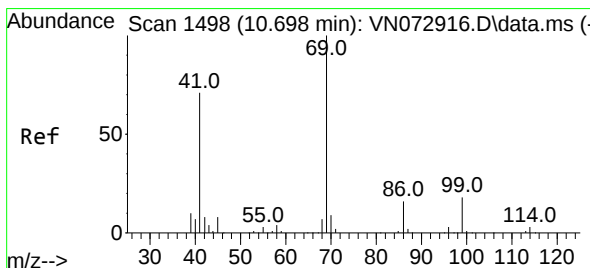
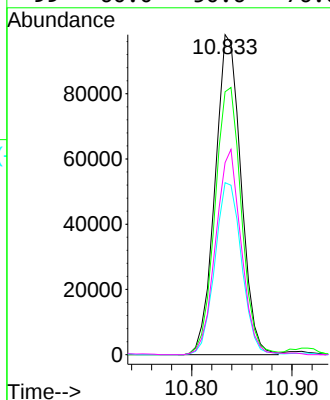
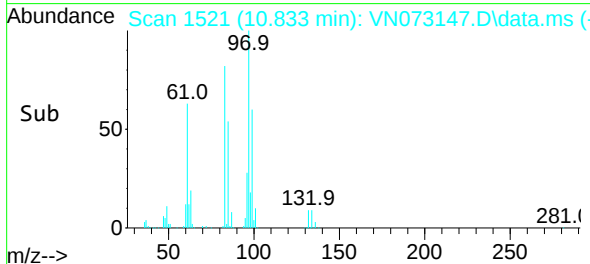
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



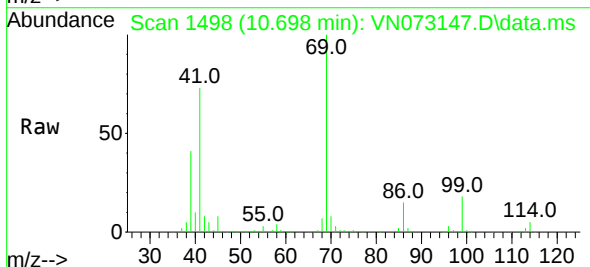
Tgt Ion: 97 Resp: 176040
Ion Ratio Lower Upper
97 100
83 82.1 66.2 99.4
85 53.8 43.9 65.9
99 60.0 50.6 76.0

Manual Integrations
APPROVED

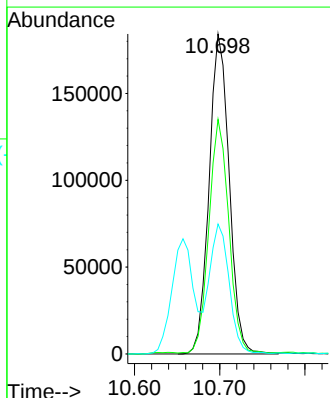
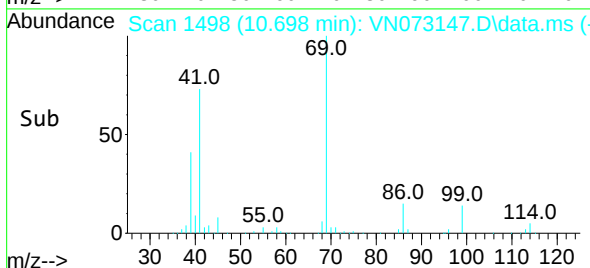
Reviewed By :John Carlone 06/27/2022
Supervised By :Mahesh Dadoda 06/30/2022

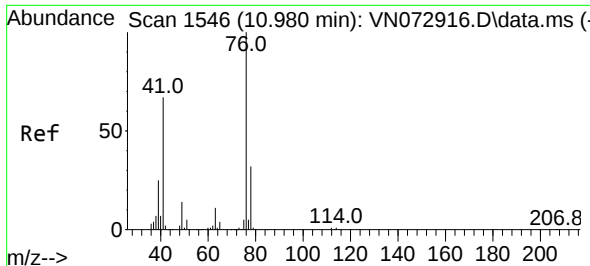


#56
Ethyl methacrylate
Concen: 54.158 ug/l
RT: 10.698 min Scan# 1498
Delta R.T. 0.000 min
Lab File: VN073147.D
Acq: 26 Jun 2022 08:11



Tgt Ion: 69 Resp: 302088
Ion Ratio Lower Upper
69 100
41 72.1 47.8 71.6#
39 38.4 27.3 40.9





#57

1,3-Dichloropropane

Concen: 51.837 ug/l

RT: 10.980 min Scan# 1546

Delta R.T. 0.000 min

Lab File: VN073147.D

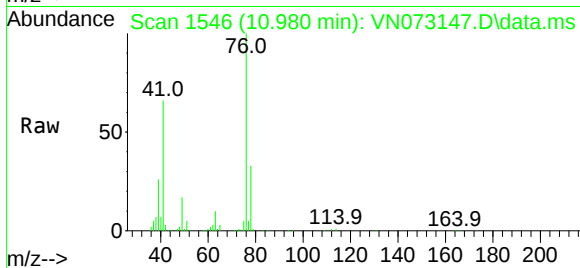
Acq: 26 Jun 2022 08:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 76 Resp: 299278

Ion Ratio Lower Upper

76 100

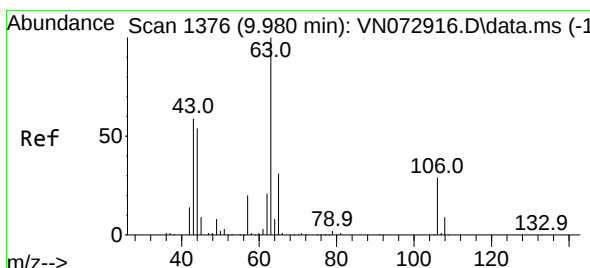
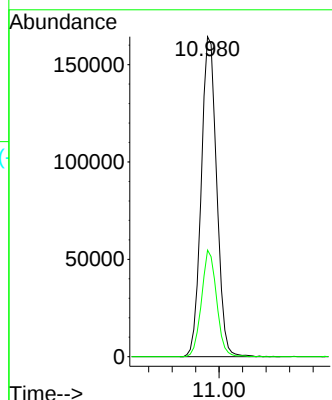
78 32.5 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/27/2022

Supervised By :Mahesh Dadoda 06/30/2022



#58

2-Chloroethyl Vinyl ether

Concen: 267.444 ug/l

RT: 9.980 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VN073147.D

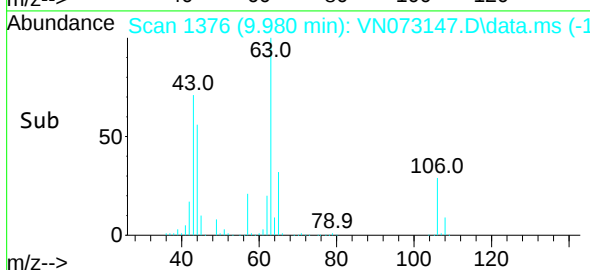
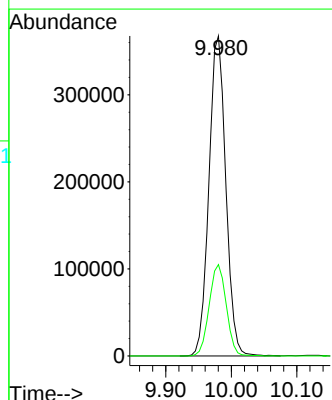
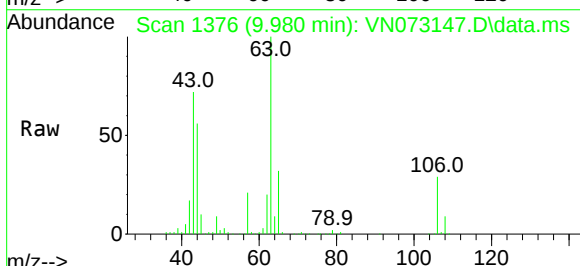
Acq: 26 Jun 2022 08:11

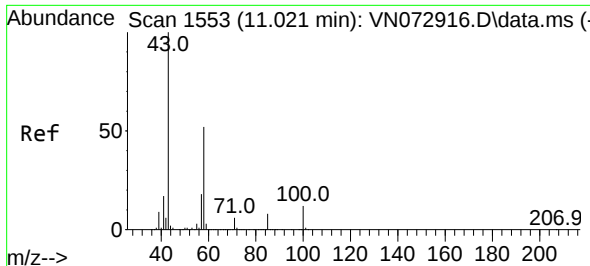
Tgt Ion: 63 Resp: 658602

Ion Ratio Lower Upper

63 100

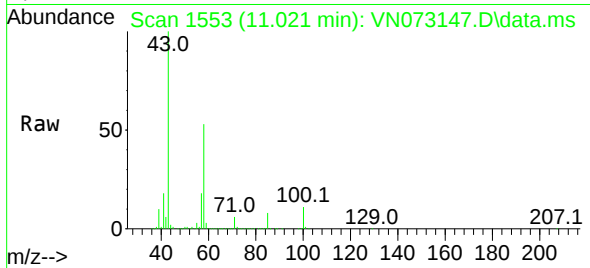
106 28.8 24.6 36.8





#59
2-Hexanone
Concen: 271.964 ug/l
RT: 11.021 min Scan# 1553
Delta R.T. 0.000 min
Lab File: VN073147.D
Acq: 26 Jun 2022 08:11

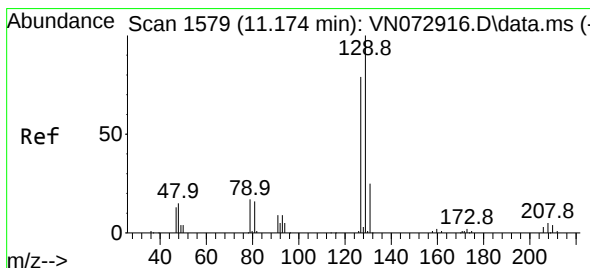
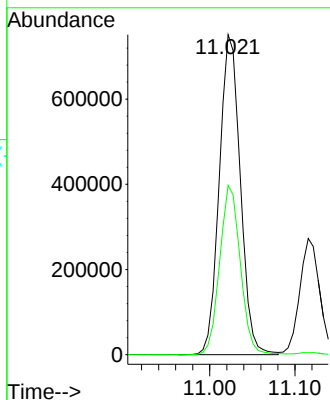
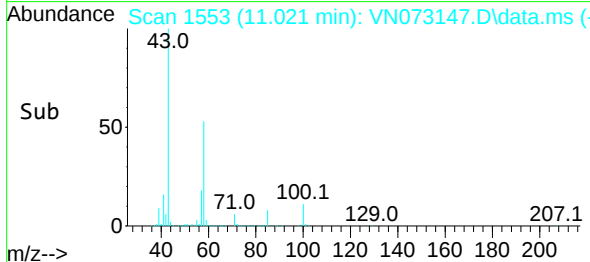
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 1288274
Ion Ratio Lower Upper
43 100
58 51.9 29.7 89.1

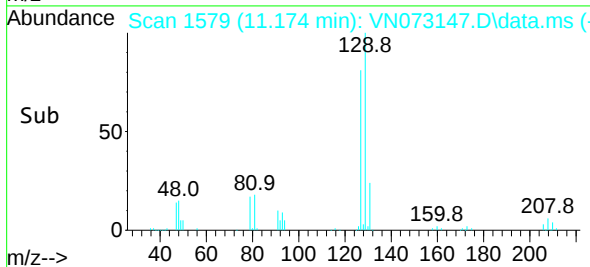
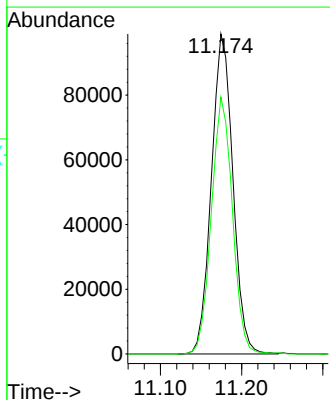
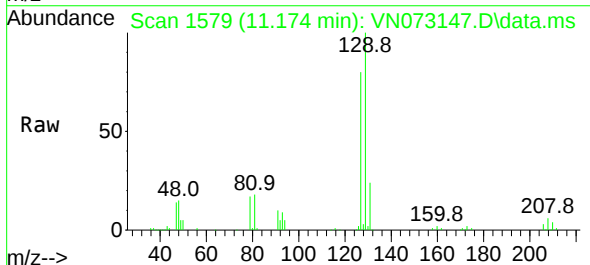
Manual Integrations
APPROVED

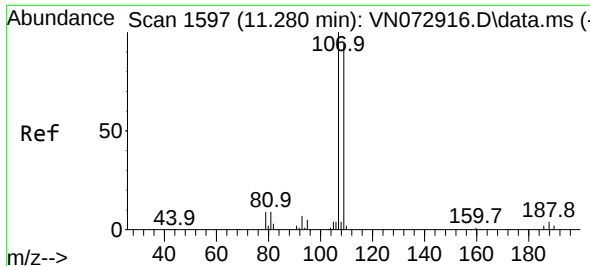
Reviewed By :John Carlone 06/27/2022
Supervised By :Mahesh Dadoda 06/30/2022



#60
Dibromochloromethane
Concen: 55.371 ug/l
RT: 11.174 min Scan# 1579
Delta R.T. 0.000 min
Lab File: VN073147.D
Acq: 26 Jun 2022 08:11

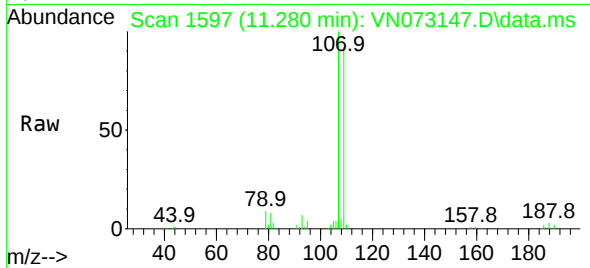
Tgt Ion:129 Resp: 182111
Ion Ratio Lower Upper
129 100
127 78.8 38.8 116.4





#61
1,2-Dibromoethane
Concen: 52.650 ug/l
RT: 11.280 min Scan# 1597
Delta R.T. 0.000 min
Lab File: VN073147.D
Acq: 26 Jun 2022 08:11

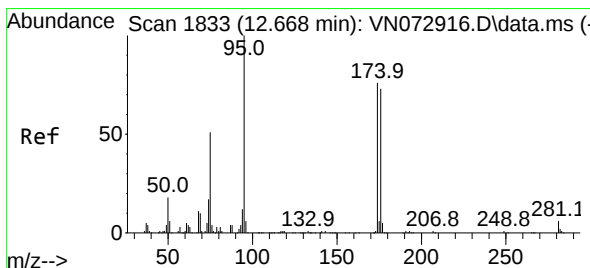
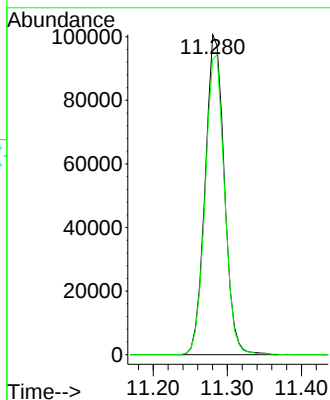
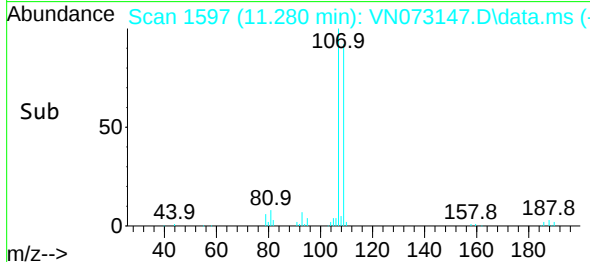
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:107 Resp: 180628
Ion Ratio Lower Upper
107 100
109 95.0 75.0 112.6

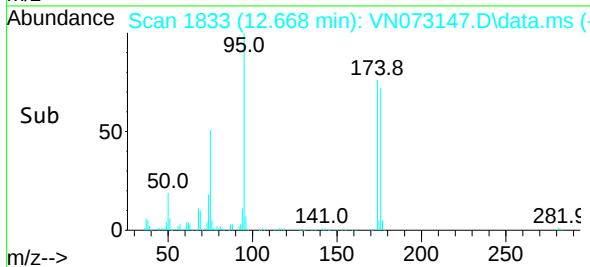
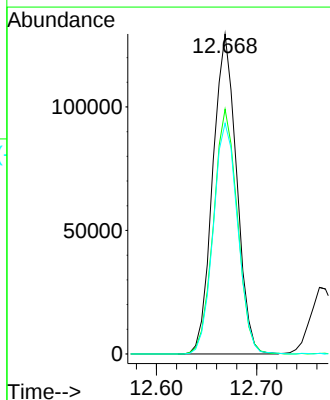
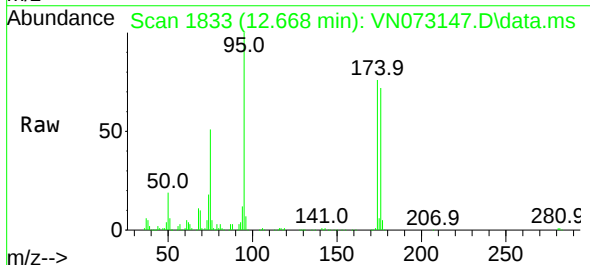
Manual Integrations
APPROVED

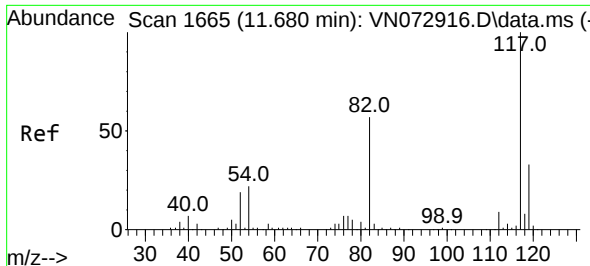
Reviewed By :John Carlone 06/27/2022
Supervised By :Mahesh Dadoda 06/30/2022



#62
4-Bromofluorobenzene
Concen: 52.452 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN073147.D
Acq: 26 Jun 2022 08:11

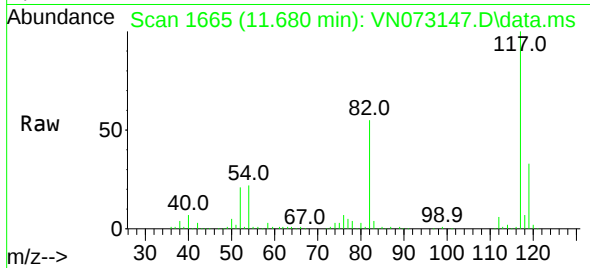
Tgt Ion: 95 Resp: 213052
Ion Ratio Lower Upper
95 100
174 76.8 0.0 167.6
176 74.1 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 1165
Delta R.T. 0.000 min
Lab File: VN073147.D
Acq: 26 Jun 2022 08:11

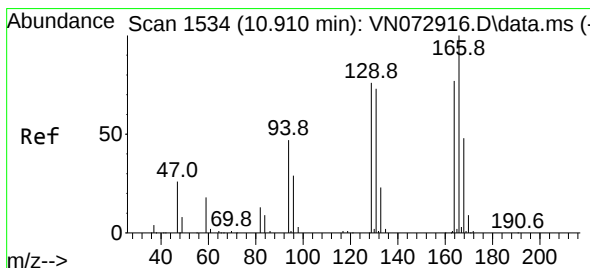
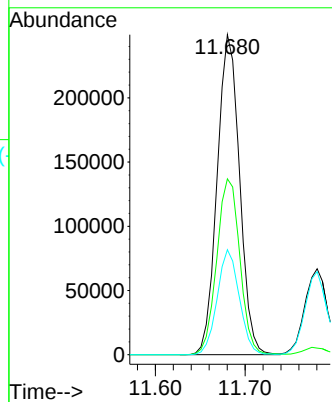
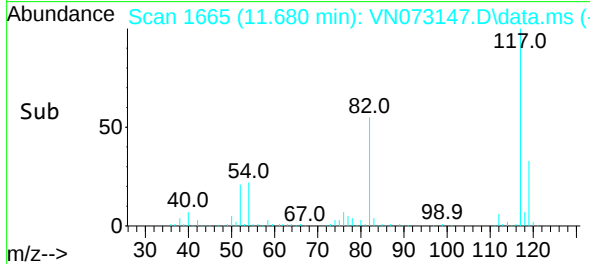
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 433350
Ion Ratio Lower Upper
117 100
82 55.0 44.2 66.2
119 32.8 25.4 38.0

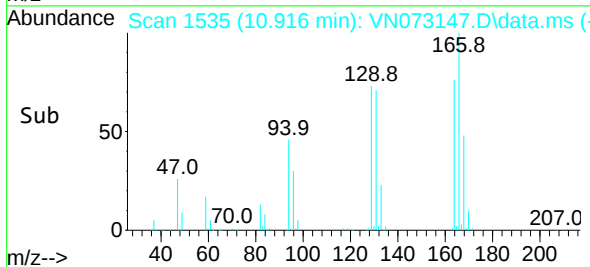
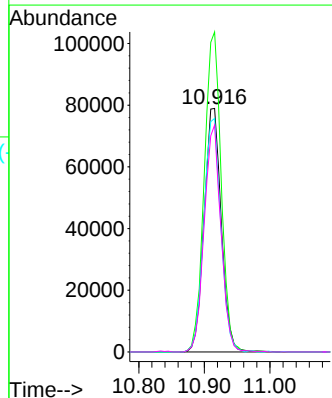
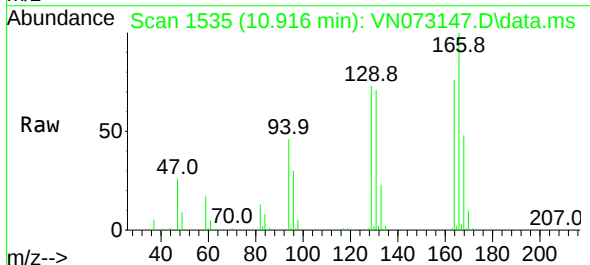
Manual Integrations
APPROVED

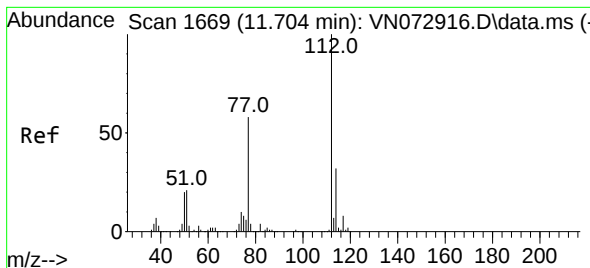
Reviewed By :John Carlone 06/27/2022
Supervised By :Mahesh Dadoda 06/30/2022



#64
Tetrachloroethene
Concen: 54.551 ug/l
RT: 10.916 min Scan# 1535
Delta R.T. 0.006 min
Lab File: VN073147.D
Acq: 26 Jun 2022 08:11

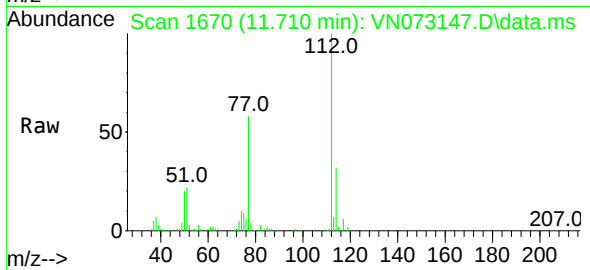
Tgt Ion:164 Resp: 143810
Ion Ratio Lower Upper
164 100
166 131.4 104.2 156.2
129 95.9 73.9 110.9
131 93.2 69.4 104.2





#65
Chlorobenzene
Concen: 51.469 ug/l
RT: 11.710 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN073147.D
Acq: 26 Jun 2022 08:11

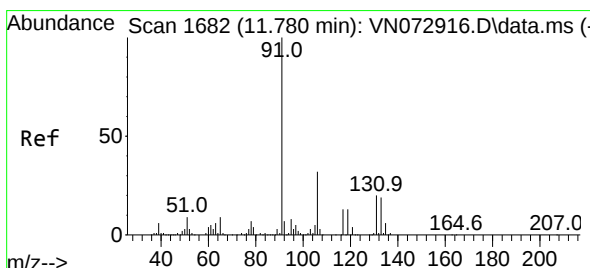
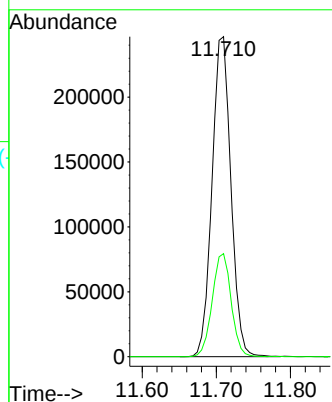
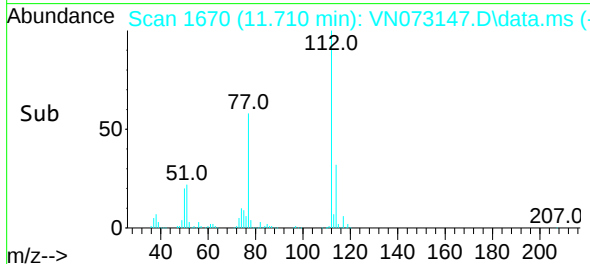
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



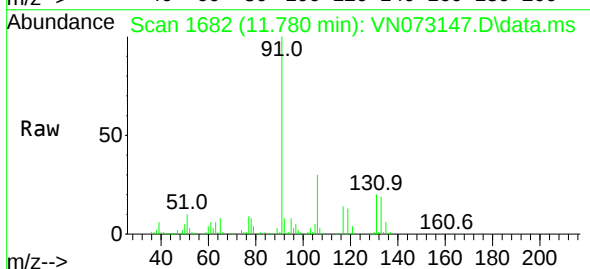
Tgt Ion:112 Resp: 435589
Ion Ratio Lower Upper
112 100
114 32.2 25.4 38.2

Manual Integrations
APPROVED

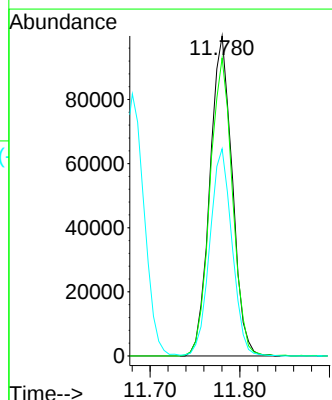
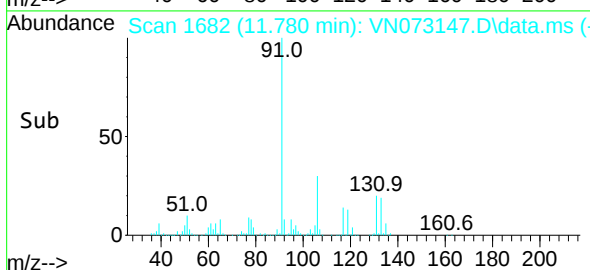
Reviewed By :John Carlone 06/27/2022
Supervised By :Mahesh Dadoda 06/30/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 53.408 ug/l
RT: 11.780 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VN073147.D
Acq: 26 Jun 2022 08:11



Tgt Ion:131 Resp: 172036
Ion Ratio Lower Upper
131 100
133 94.1 47.8 143.4
119 64.5 33.4 100.2





#67

Ethyl Benzene

Concen: 54.004 ug/l

RT: 11.780 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN073147.D

Acq: 26 Jun 2022 08:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 80455

Ion Ratio Lower Upper

91 100

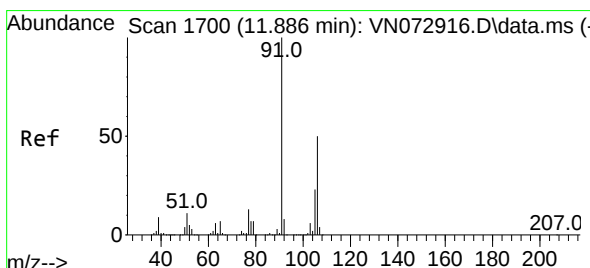
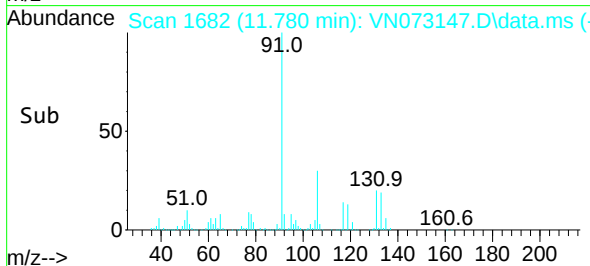
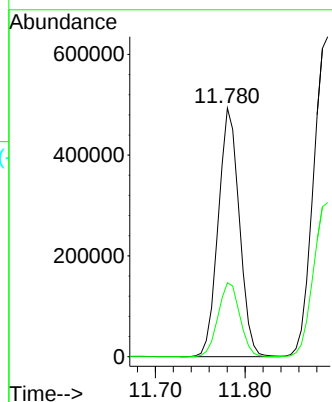
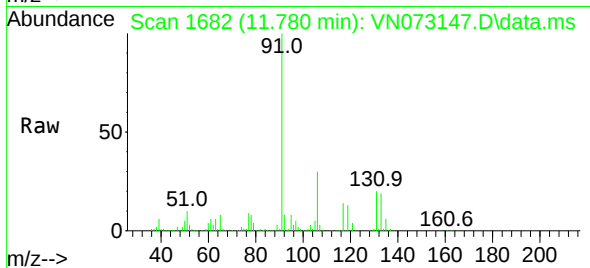
106 29.7 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/27/2022

Supervised By :Mahesh Dadoda 06/30/2022



#68

m/p-Xylenes

Concen: 102.888 ug/l

RT: 11.892 min Scan# 1701

Delta R.T. 0.006 min

Lab File: VN073147.D

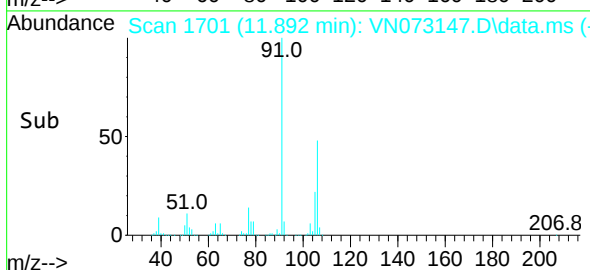
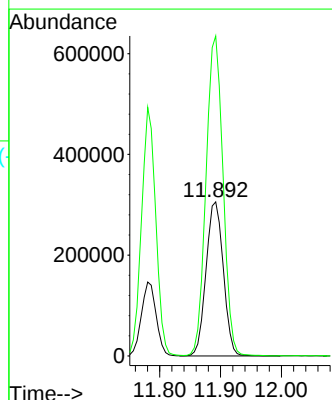
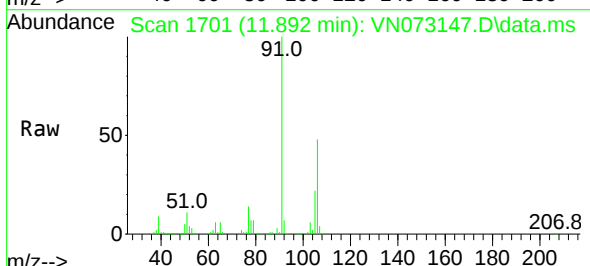
Acq: 26 Jun 2022 08:11

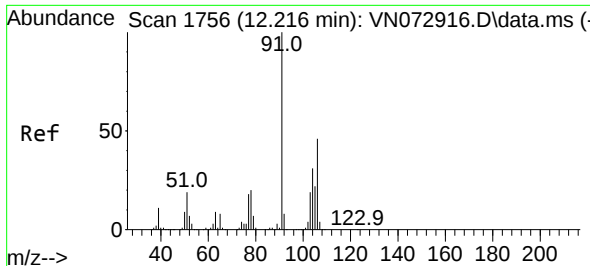
Tgt Ion:106 Resp: 601201

Ion Ratio Lower Upper

106 100

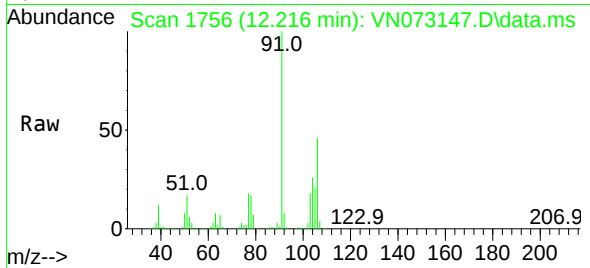
91 204.6 158.9 238.3





#69
o-Xylene
Concen: 52.621 ug/l
RT: 12.216 min Scan# 1756
Delta R.T. 0.000 min
Lab File: VN073147.D
Acq: 26 Jun 2022 08:11

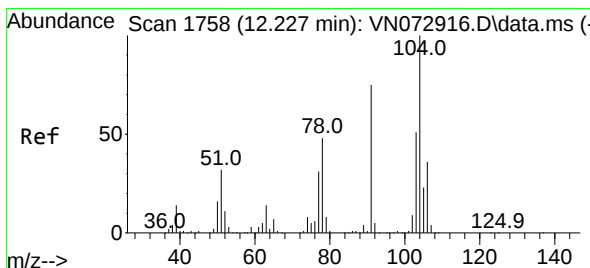
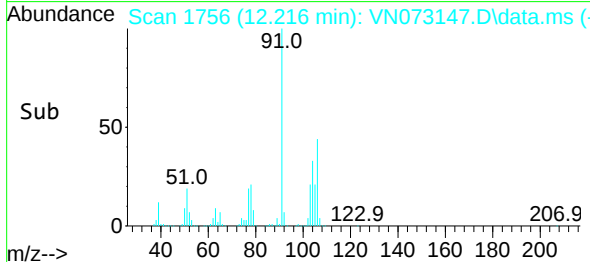
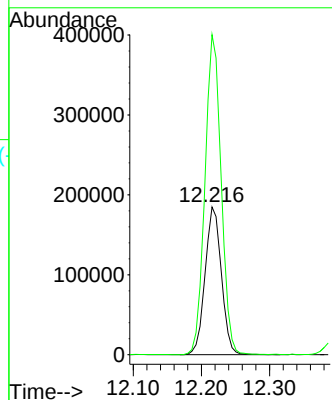
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:106 Resp: 307249
Ion Ratio Lower Upper
106 100
91 215.8 106.0 318.0

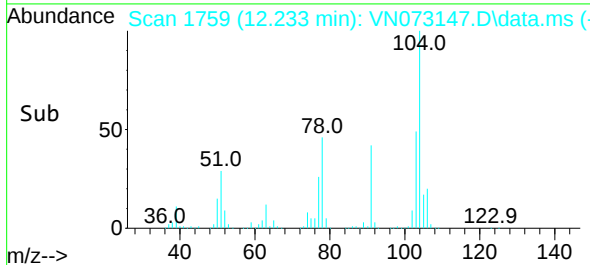
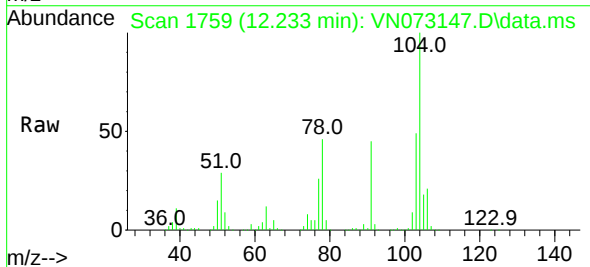
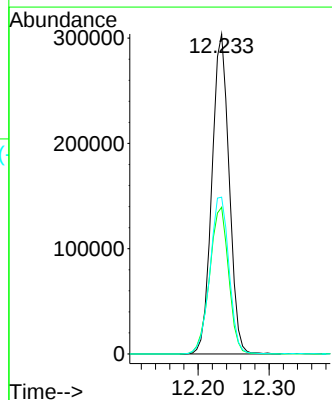
Manual Integrations
APPROVED

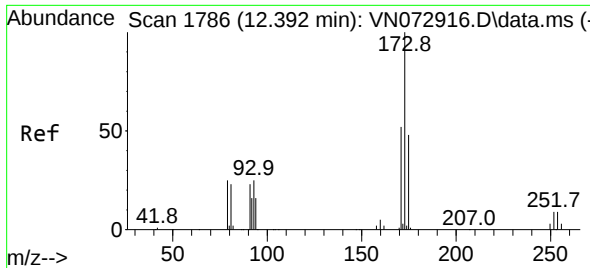
Reviewed By :John Carlone 06/27/2022
Supervised By :Mahesh Dadoda 06/30/2022



#70
Styrene
Concen: 54.547 ug/l
RT: 12.233 min Scan# 1759
Delta R.T. 0.006 min
Lab File: VN073147.D
Acq: 26 Jun 2022 08:11

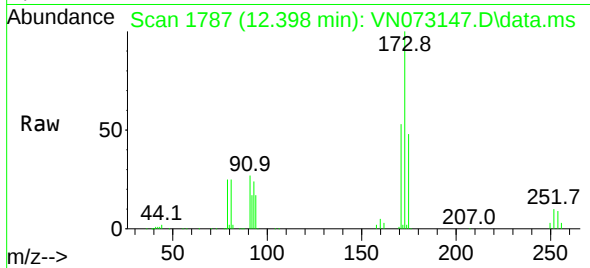
Tgt Ion:104 Resp: 511467
Ion Ratio Lower Upper
104 100
78 50.6 39.5 59.3
103 54.5 44.0 66.0





#71
Bromoform
Concen: 56.432 ug/l
RT: 12.398 min Scan# 1786
Delta R.T. 0.006 min
Lab File: VN073147.D
Acq: 26 Jun 2022 08:11

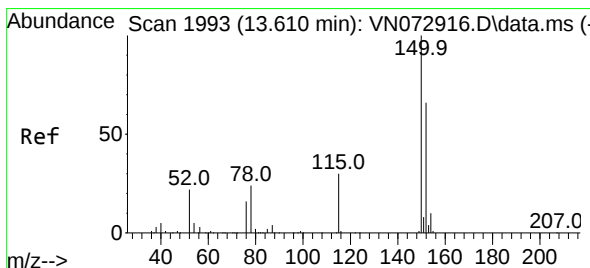
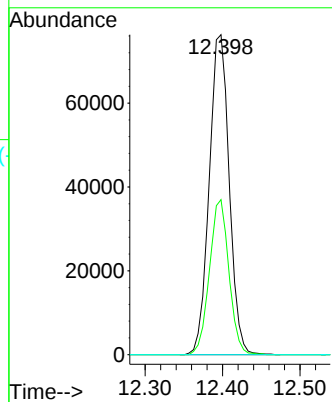
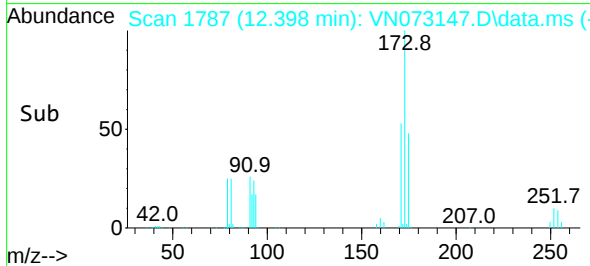
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



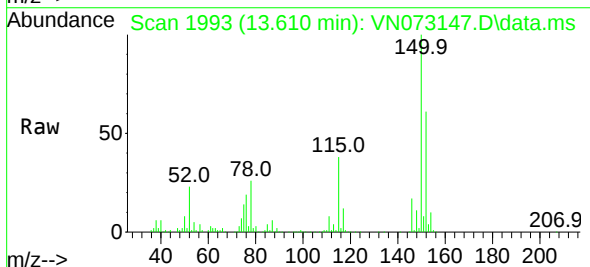
Tgt Ion:173 Resp: 137058
Ion Ratio Lower Upper
173 100
175 47.2 24.6 73.6
254 0.0 0.1 0.1

Manual Integrations
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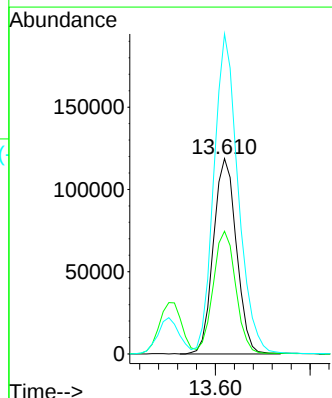
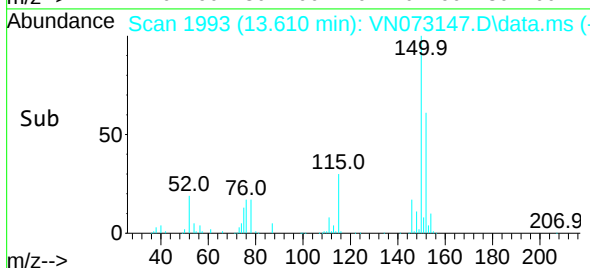
Reviewed By :John Carlone 06/27/2022
Supervised By :Mahesh Dadoda 06/30/2022

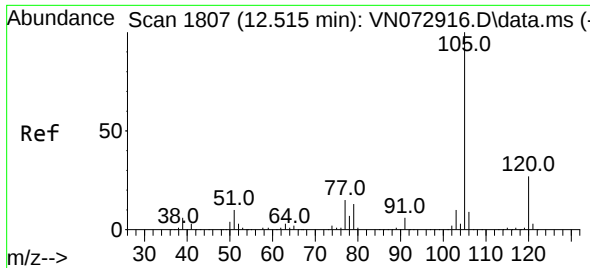


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.610 min Scan# 1993
Delta R.T. 0.000 min
Lab File: VN073147.D
Acq: 26 Jun 2022 08:11



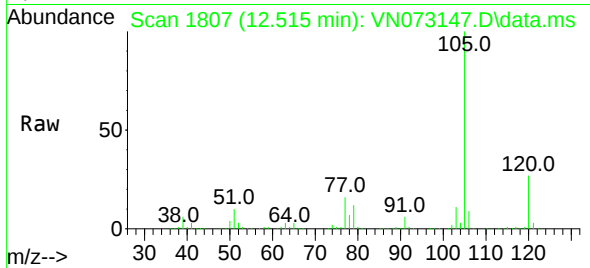
Tgt Ion:152 Resp: 200834
Ion Ratio Lower Upper
152 100
115 62.0 28.9 86.7
150 173.2 0.0 356.2





#73
Isopropylbenzene
Concen: 51.556 ug/l
RT: 12.515 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN073147.D
Acq: 26 Jun 2022 08:11

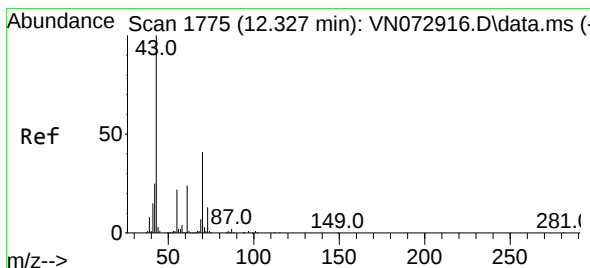
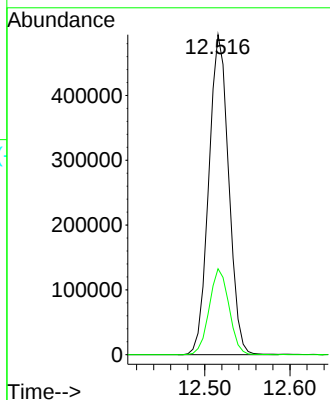
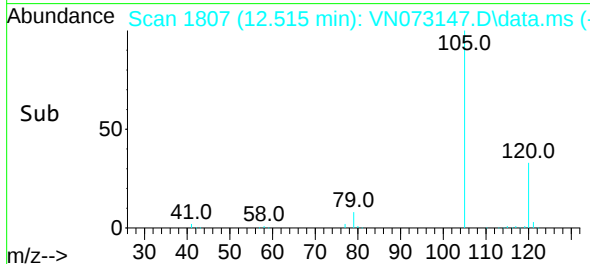
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



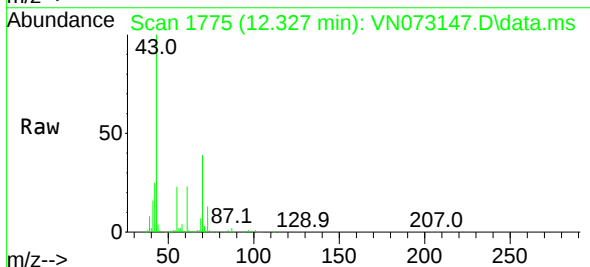
Tgt Ion:105 Resp: 801020
Ion Ratio Lower Upper
105 100
120 26.6 13.5 40.4

Manual Integrations
APPROVED

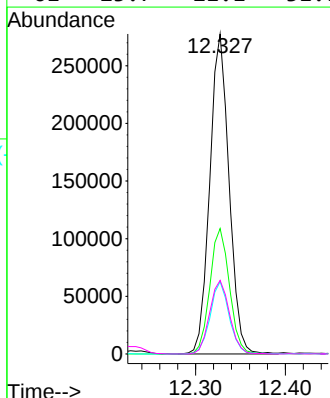
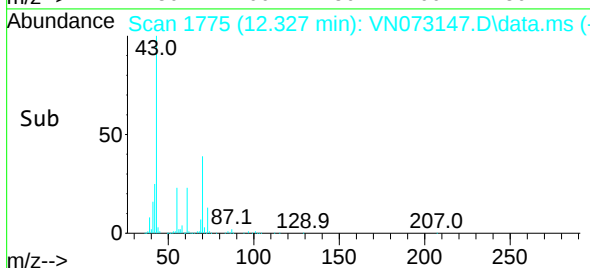
Reviewed By :John Carlone 06/27/2022
Supervised By :Mahesh Dadoda 06/30/2022

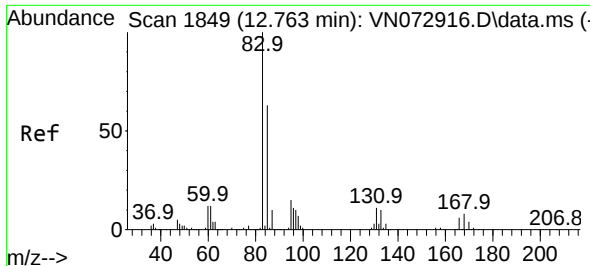


#74
N-ethyl acetate
Concen: 51.434 ug/l
RT: 12.327 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN073147.D
Acq: 26 Jun 2022 08:11



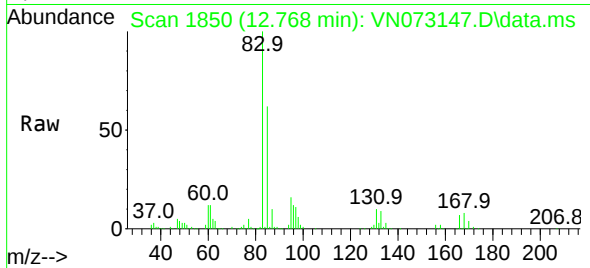
Tgt Ion: 43 Resp: 414703
Ion Ratio Lower Upper
43 100
70 39.8 39.0 58.4
55 22.4 21.1 31.7
61 23.7 21.1 31.7





#75
1,1,2,2-Tetrachloroethane
Concen: 50.443 ug/l
RT: 12.768 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN073147.D
Acq: 26 Jun 2022 08:11

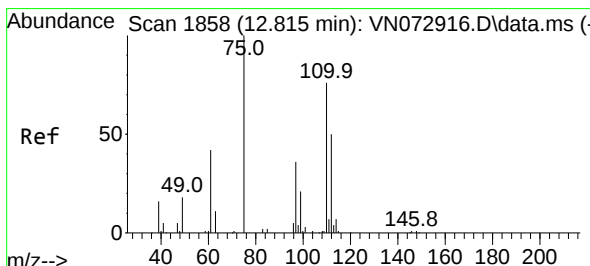
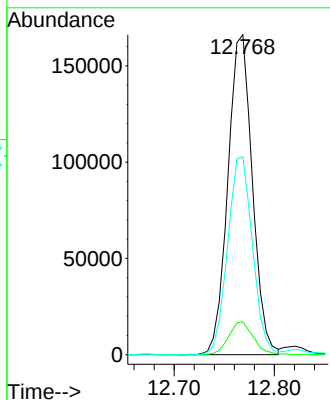
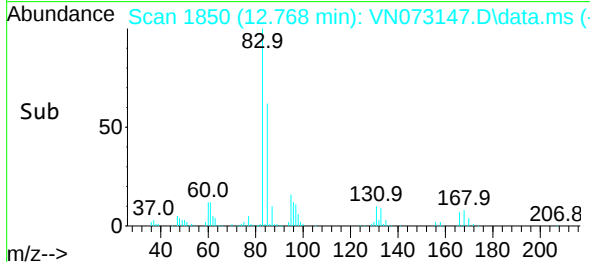
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 282250
Ion Ratio Lower Upper
83 100
131 10.4 5.3 15.9
85 62.9 32.3 96.9

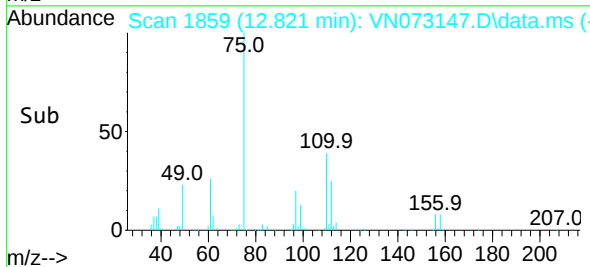
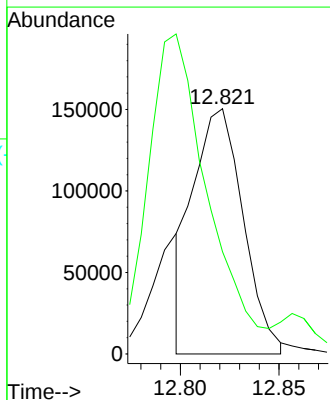
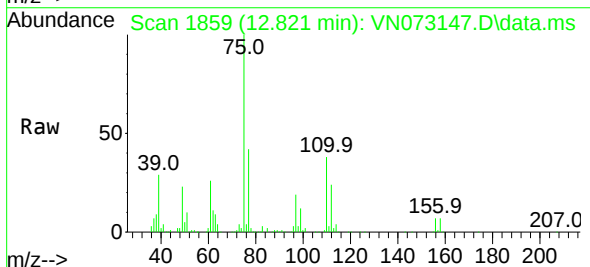
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/27/2022
Supervised By :Mahesh Dadoda 06/30/2022



#76
1,2,3-Trichloropropane
Concen: 54.646 ug/l m
RT: 12.821 min Scan# 1859
Delta R.T. 0.006 min
Lab File: VN073147.D
Acq: 26 Jun 2022 08:11

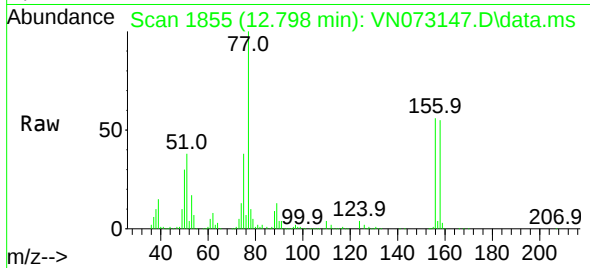
Tgt Ion: 75 Resp: 266082
Ion Ratio Lower Upper
75 100
77 0.0 98.5 295.5#





#77
Bromobenzene
Concen: 49.994 ug/l
RT: 12.798 min Scan# 1855
Delta R.T. 0.000 min
Lab File: VN073147.D
Acq: 26 Jun 2022 08:11

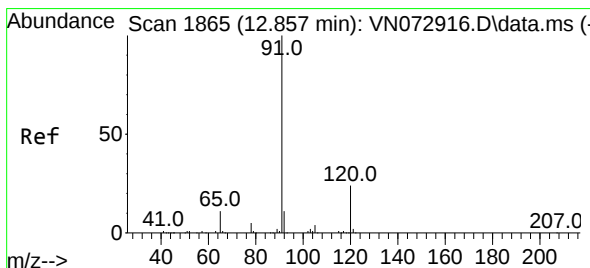
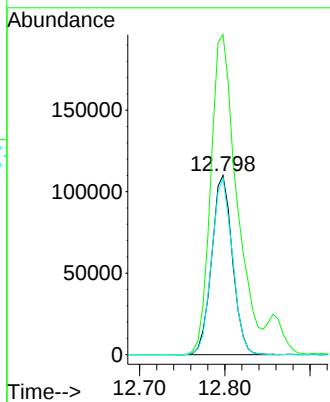
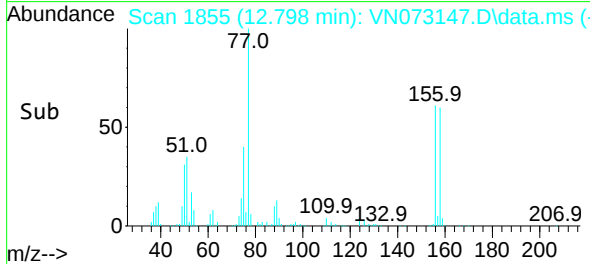
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



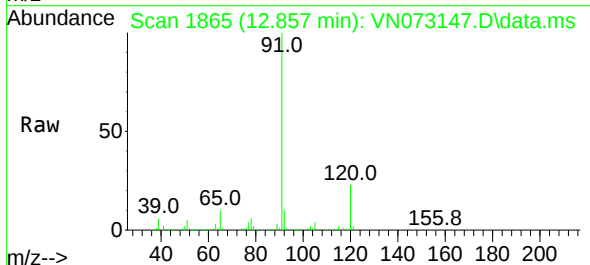
Tgt Ion:156 Resp: 186085
Ion Ratio Lower Upper
156 100
77 224.2 100.5 301.5
158 98.3 48.9 146.6

Manual Integrations
APPROVED

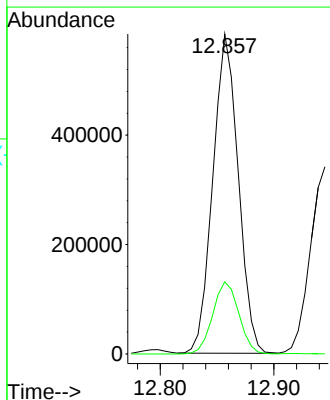
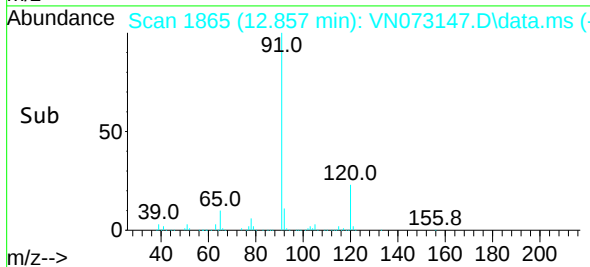
Reviewed By :John Carlone 06/27/2022
Supervised By :Mahesh Dadoda 06/30/2022

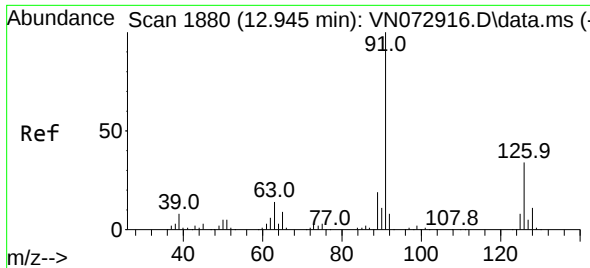


#78
n-propylbenzene
Concen: 53.043 ug/l
RT: 12.857 min Scan# 1865
Delta R.T. 0.000 min
Lab File: VN073147.D
Acq: 26 Jun 2022 08:11



Tgt Ion: 91 Resp: 906494
Ion Ratio Lower Upper
91 100
120 23.2 11.9 35.5





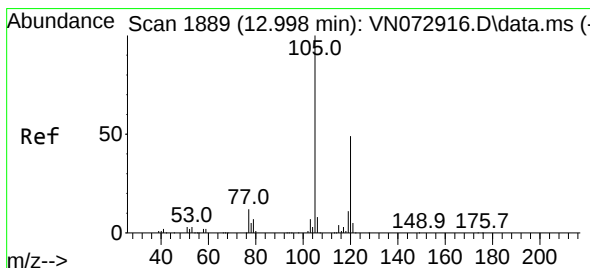
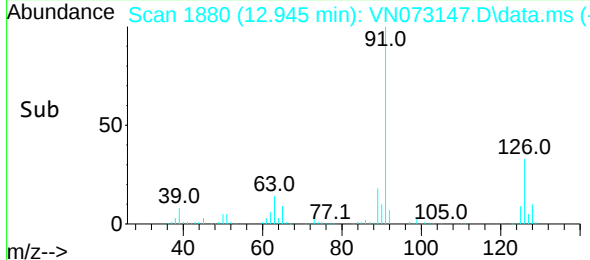
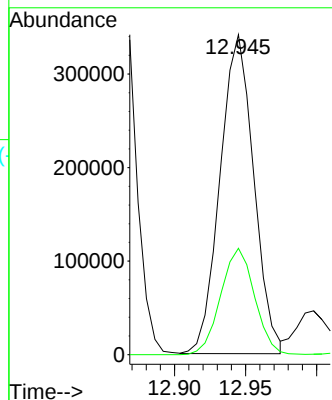
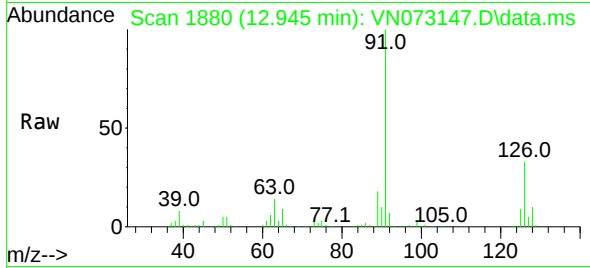
#79
2-Chlorotoluene
Concen: 50.837 ug/l
RT: 12.945 min Scan# 1880
Delta R.T. 0.000 min
Lab File: VN073147.D
Acq: 26 Jun 2022 08:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 56260
Ion Ratio Lower Upper
91 100
126 33.5 17.3 51.9

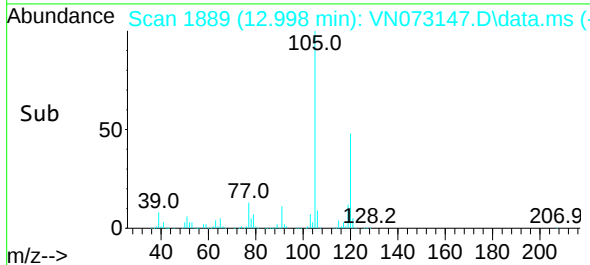
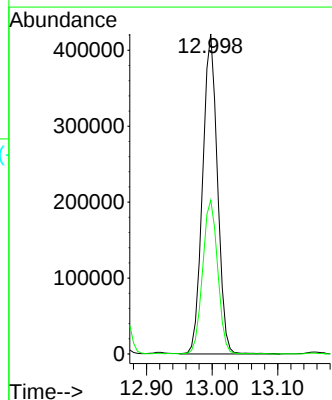
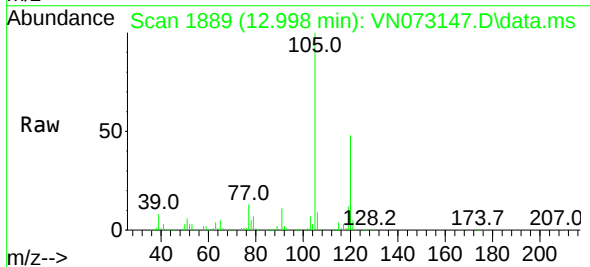
Manual Integrations
APPROVED

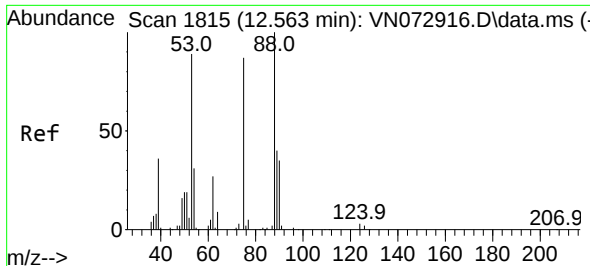
Reviewed By :John Carlone 06/27/2022
Supervised By :Mahesh Dadoda 06/30/2022



#80
1,3,5-Trimethylbenzene
Concen: 52.109 ug/l
RT: 12.998 min Scan# 1889
Delta R.T. 0.000 min
Lab File: VN073147.D
Acq: 26 Jun 2022 08:11

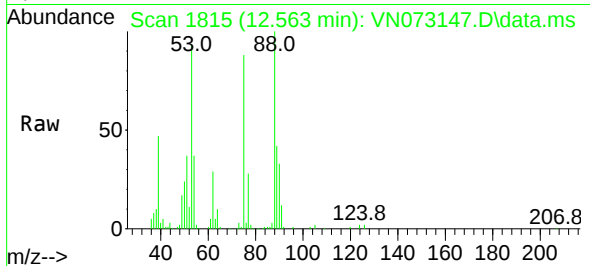
Tgt Ion:105 Resp: 665038
Ion Ratio Lower Upper
105 100
120 48.4 24.9 74.7





#81
trans-1,4-Dichloro-2-butene
Concen: 38.512 ug/l
RT: 12.563 min Scan# 1815
Delta R.T. 0.000 min
Lab File: VN073147.D
Acq: 26 Jun 2022 08:11

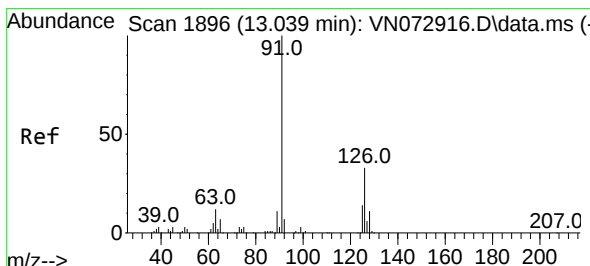
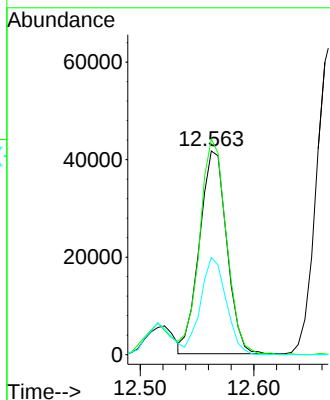
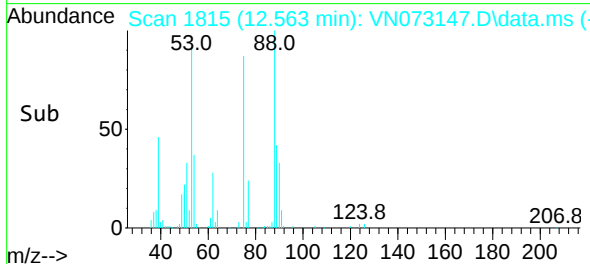
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



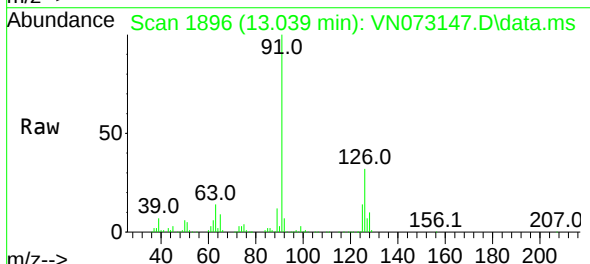
Tgt Ion: 75 Resp: 69430
Ion Ratio Lower Upper
75 100
53 105.0 78.0 117.0
89 44.9 37.2 55.8

Manual Integrations
APPROVED

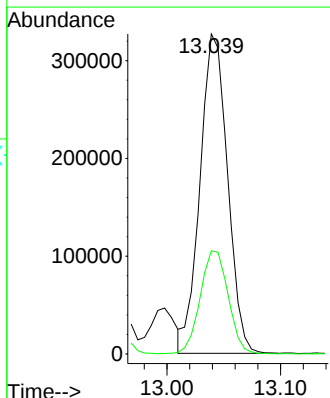
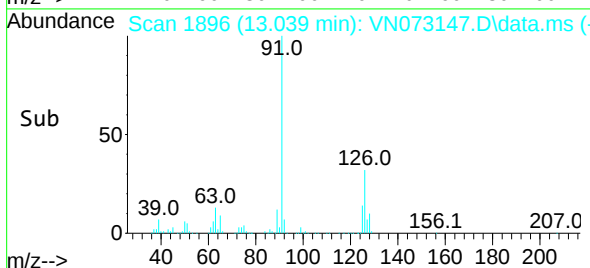
Reviewed By :John Carlone 06/27/2022
Supervised By :Mahesh Dadoda 06/30/2022

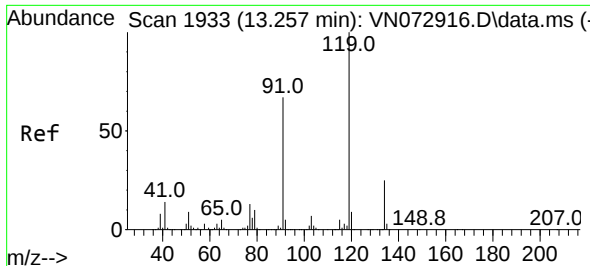


#82
4-Chlorotoluene
Concen: 52.400 ug/l
RT: 13.039 min Scan# 1896
Delta R.T. 0.000 min
Lab File: VN073147.D
Acq: 26 Jun 2022 08:11



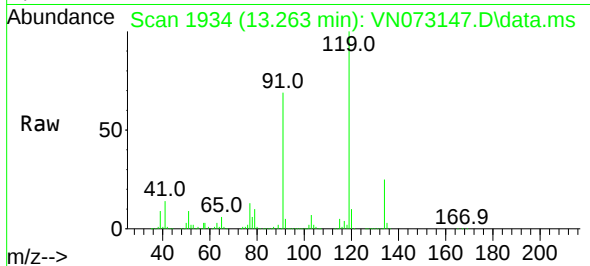
Tgt Ion: 91 Resp: 548655
Ion Ratio Lower Upper
91 100
126 33.0 17.2 51.6





#83
tert-Butylbenzene
Concen: 51.399 ug/l
RT: 13.263 min Scan# 1933
Delta R.T. 0.006 min
Lab File: VN073147.D
Acq: 26 Jun 2022 08:11

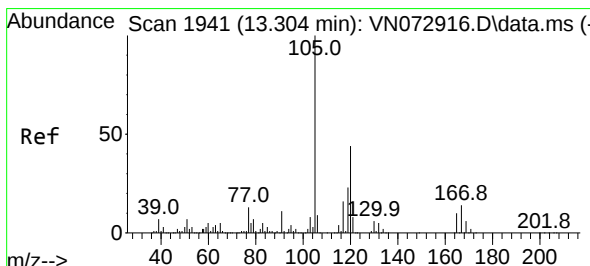
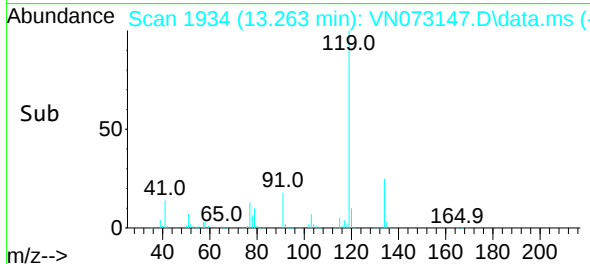
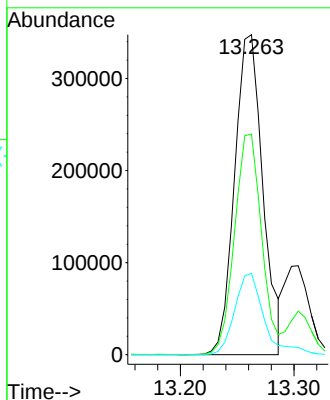
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:119 Resp: 600770
Ion Ratio Lower Upper
119 100
91 66.1 31.6 94.8
134 26.4 13.7 41.1

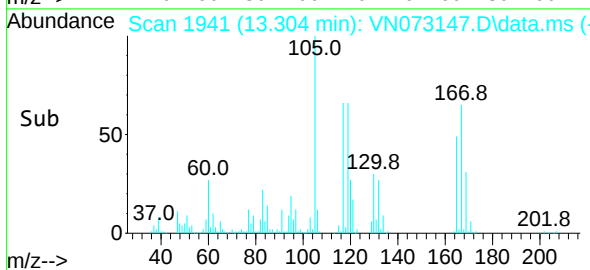
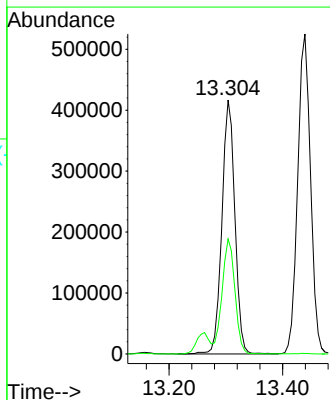
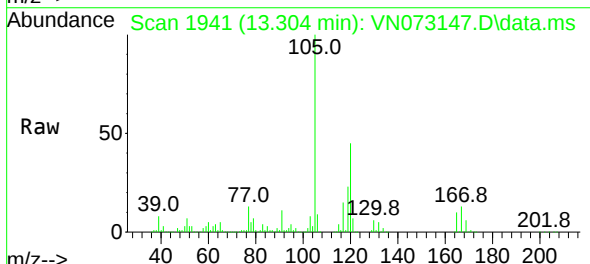
Manual Integrations
APPROVED

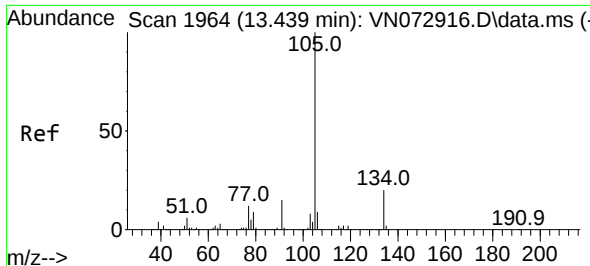
Reviewed By :John Carlone 06/27/2022
Supervised By :Mahesh Dadoda 06/30/2022



#84
1,2,4-Trimethylbenzene
Concen: 52.150 ug/l
RT: 13.304 min Scan# 1941
Delta R.T. 0.000 min
Lab File: VN073147.D
Acq: 26 Jun 2022 08:11

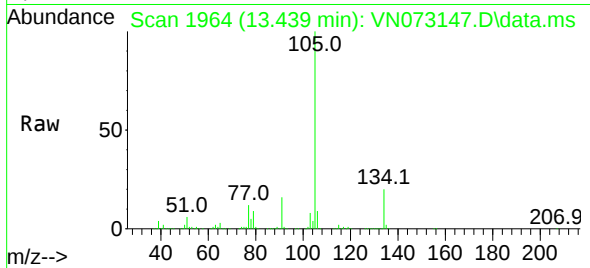
Tgt Ion:105 Resp: 662911
Ion Ratio Lower Upper
105 100
120 45.0 23.3 69.8





#85
 sec-Butylbenzene
 Concen: 52.766 ug/l
 RT: 13.439 min Scan# 1964
 Delta R.T. 0.000 min
 Lab File: VN073147.D
 Acq: 26 Jun 2022 08:11

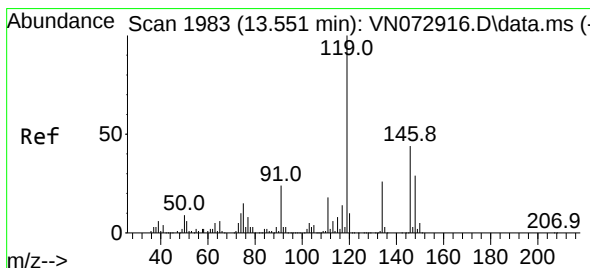
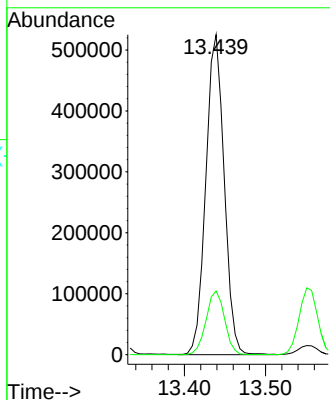
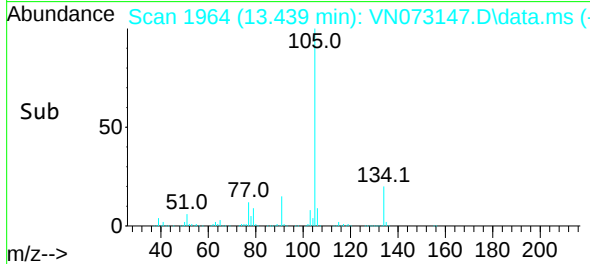
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion:105 Resp: 82274
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.4 31.1

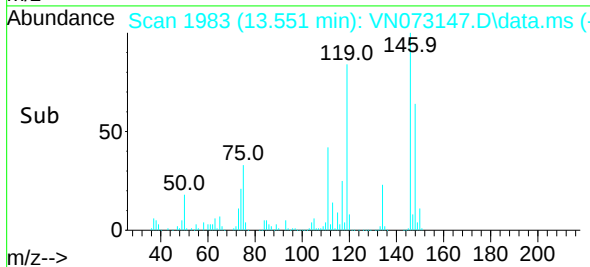
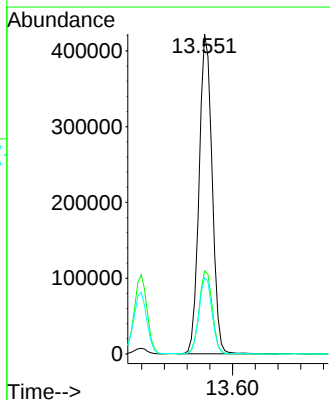
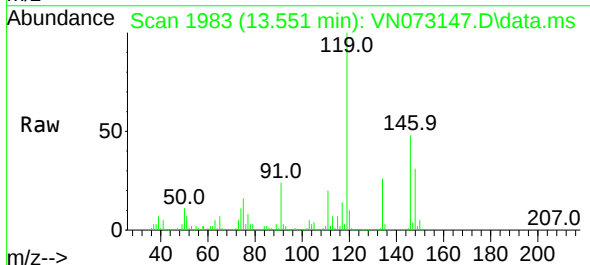
Manual Integrations
 APPROVED

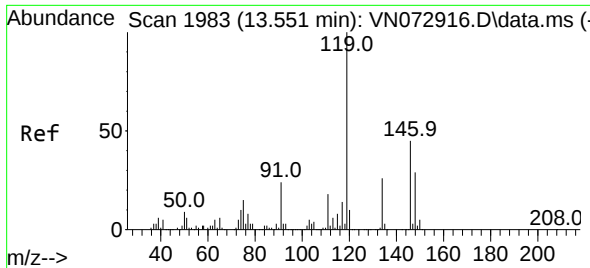
Reviewed By :John Carlone 06/27/2022
 Supervised By :Mahesh Dadoda 06/30/2022



#86
 p-Isopropyltoluene
 Concen: 53.034 ug/l
 RT: 13.551 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN073147.D
 Acq: 26 Jun 2022 08:11

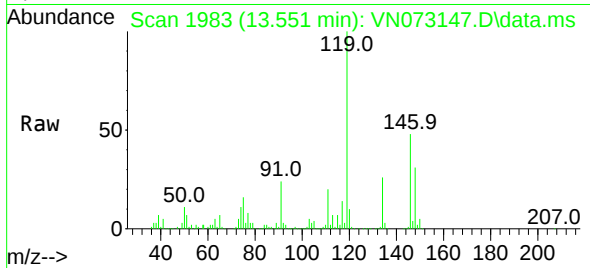
Tgt Ion:119 Resp: 669487
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.3 39.8
 91 23.8 11.3 33.9





#87
1,3-Dichlorobenzene
Concen: 50.943 ug/l
RT: 13.551 min Scan# 1983
Delta R.T. 0.000 min
Lab File: VN073147.D
Acq: 26 Jun 2022 08:11

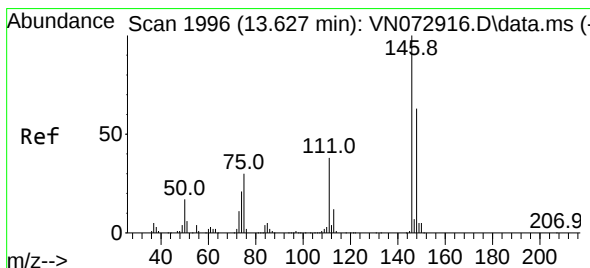
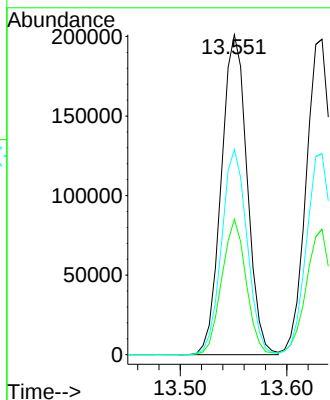
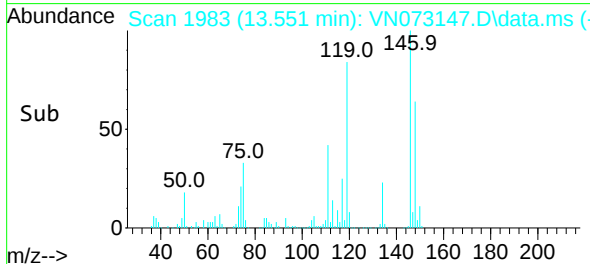
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



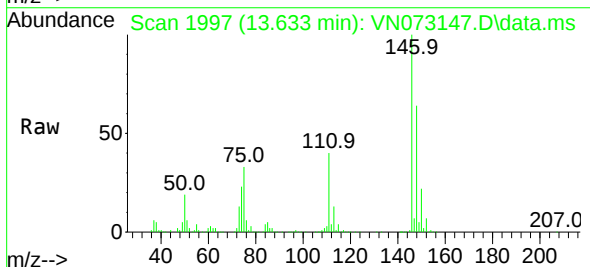
Tgt Ion:146 Resp: 338529
Ion Ratio Lower Upper
146 100
111 40.0 20.0 60.0
148 63.4 32.0 96.0

Manual Integrations
APPROVED

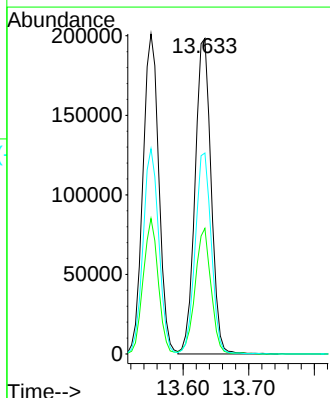
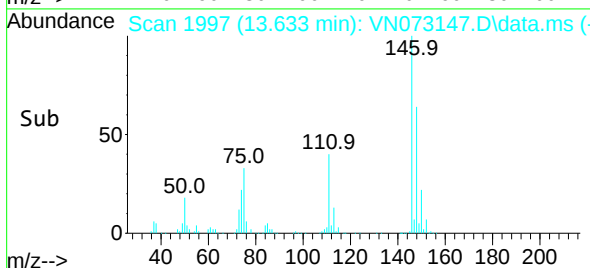
Reviewed By :John Carlone 06/27/2022
Supervised By :Mahesh Dadoda 06/30/2022

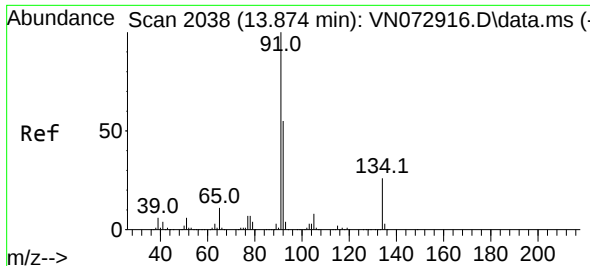


#88
1,4-Dichlorobenzene
Concen: 50.273 ug/l
RT: 13.633 min Scan# 1997
Delta R.T. 0.006 min
Lab File: VN073147.D
Acq: 26 Jun 2022 08:11



Tgt Ion:146 Resp: 338128
Ion Ratio Lower Upper
146 100
111 38.9 19.1 57.1
148 63.5 31.4 94.3





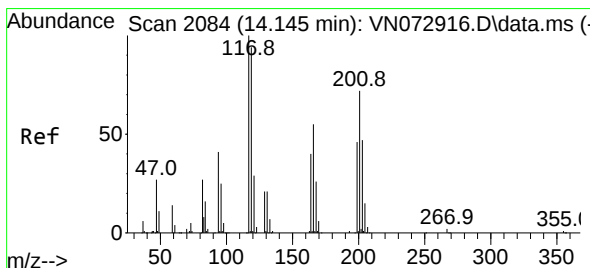
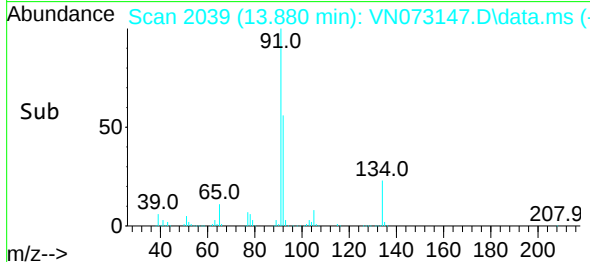
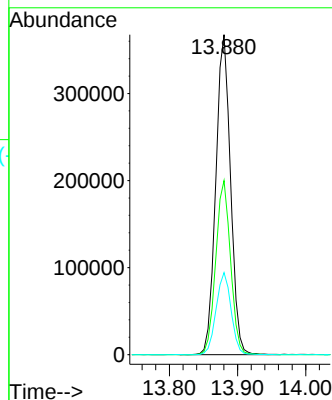
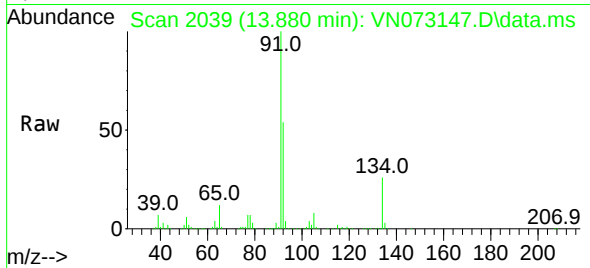
#89
n-Butylbenzene
Concen: 53.748 ug/l
RT: 13.880 min Scan# 2039
Delta R.T. 0.006 min
Lab File: VN073147.D
Acq: 26 Jun 2022 08:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 55403
Ion Ratio Lower Upper
91 100
92 54.5 26.9 80.7
134 26.1 13.6 40.8

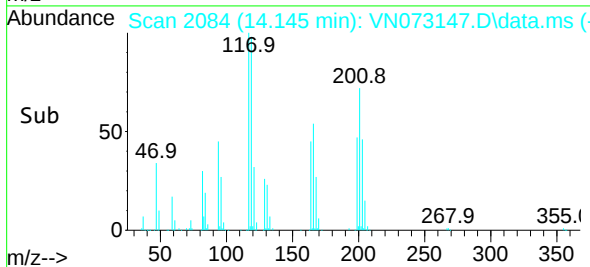
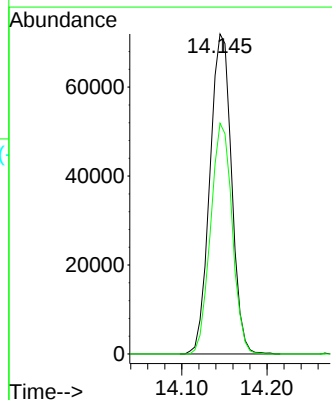
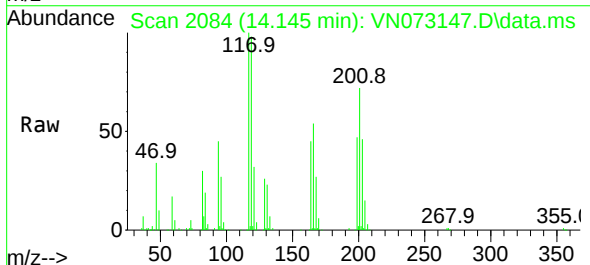
Manual Integrations
APPROVED

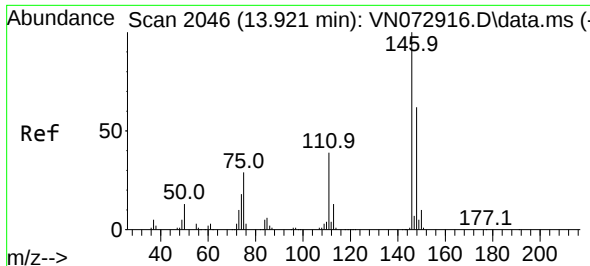
Reviewed By :John Carlone 06/27/2022
Supervised By :Mahesh Dadoda 06/30/2022



#90
Hexachloroethane
Concen: 53.380 ug/l
RT: 14.145 min Scan# 2084
Delta R.T. 0.000 min
Lab File: VN073147.D
Acq: 26 Jun 2022 08:11

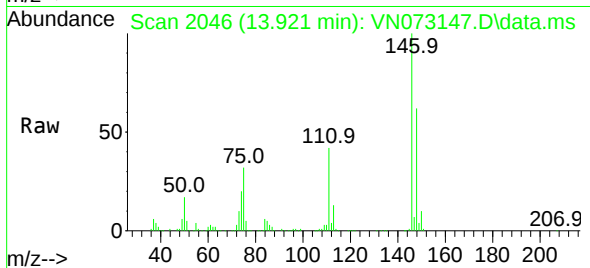
Tgt Ion:117 Resp: 127036
Ion Ratio Lower Upper
117 100
201 71.6 40.6 122.0





#91
1,2-Dichlorobenzene
Concen: 50.657 ug/l
RT: 13.921 min Scan# 2046
Delta R.T. 0.000 min
Lab File: VN073147.D
Acq: 26 Jun 2022 08:11

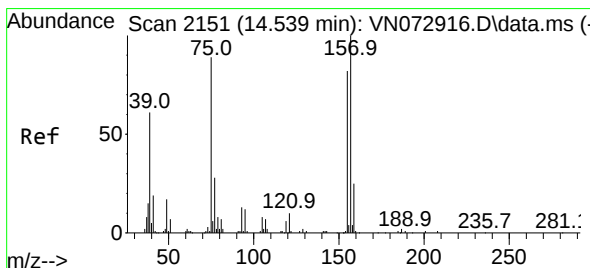
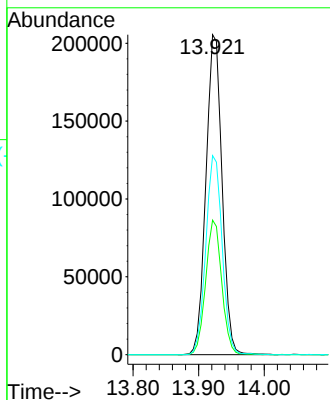
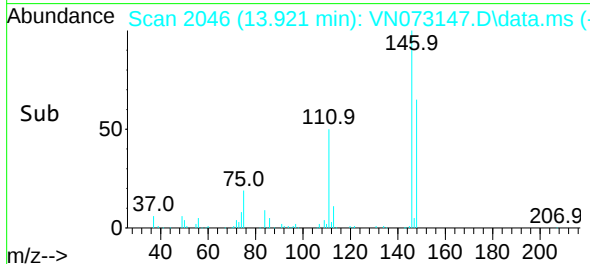
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



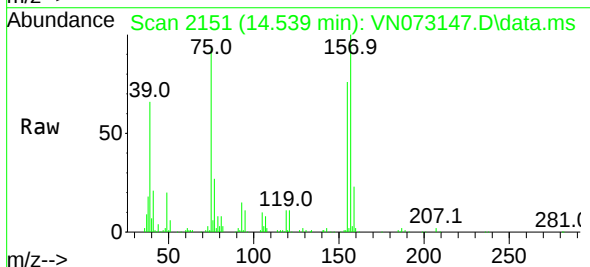
Tgt Ion:146 Resp: 351059
Ion Ratio Lower Upper
146 100
111 42.1 20.9 62.8
148 63.3 32.1 96.3

Manual Integrations
APPROVED

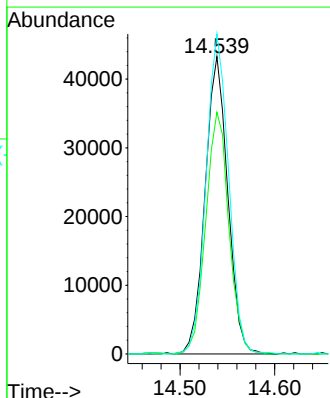
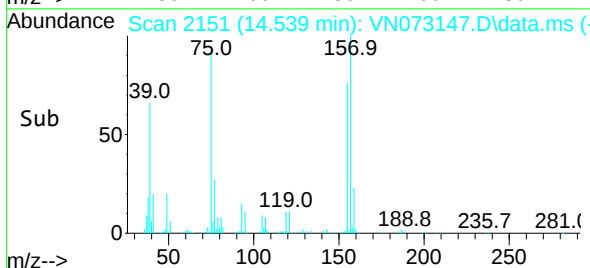
Reviewed By :John Carlone 06/27/2022
Supervised By :Mahesh Dadoda 06/30/2022

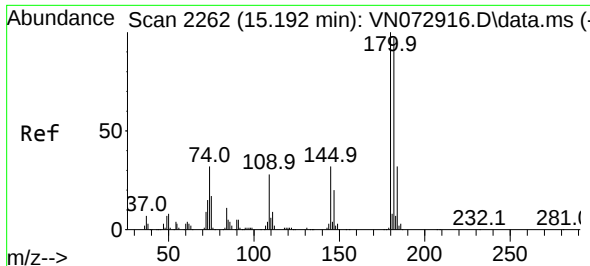


#92
1,2-Dibromo-3-Chloropropane
Concen: 50.980 ug/l
RT: 14.539 min Scan# 2151
Delta R.T. -0.000 min
Lab File: VN073147.D
Acq: 26 Jun 2022 08:11



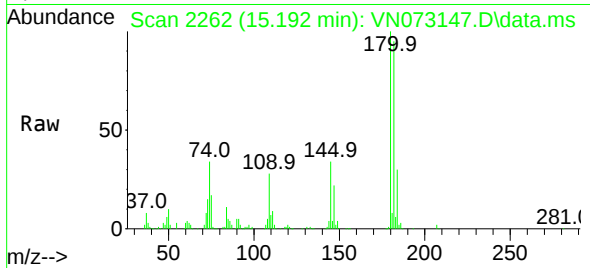
Tgt Ion: 75 Resp: 71933
Ion Ratio Lower Upper
75 100
155 82.8 44.9 134.5
157 107.1 59.0 176.8





#93
1,2,4-Trichlorobenzene
Concen: 50.473 ug/l
RT: 15.192 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN073147.D
Acq: 26 Jun 2022 08:11

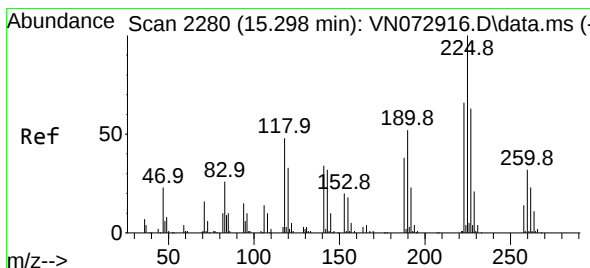
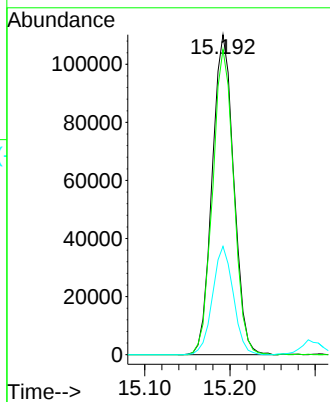
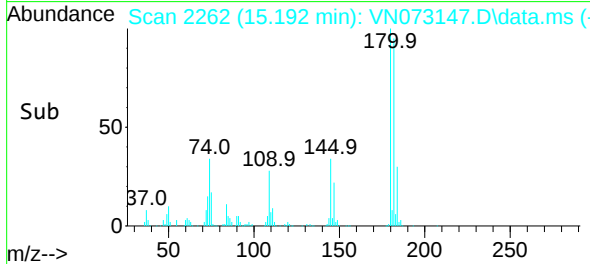
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



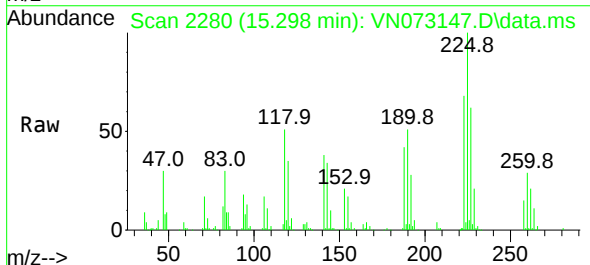
Tgt Ion:180 Resp: 193580
Ion Ratio Lower Upper
180 100
182 93.7 47.5 142.5
145 32.6 14.5 43.5

Manual Integrations
APPROVED

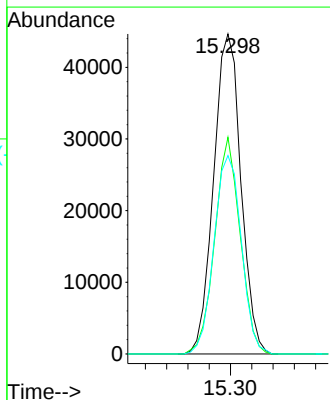
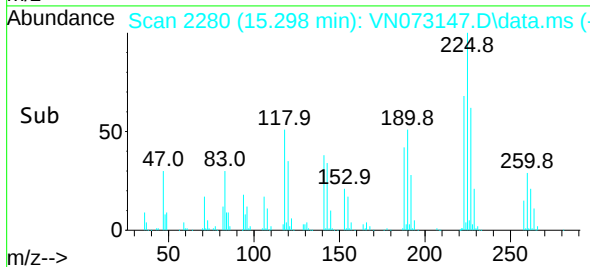
Reviewed By :John Carlone 06/27/2022
Supervised By :Mahesh Dadoda 06/30/2022

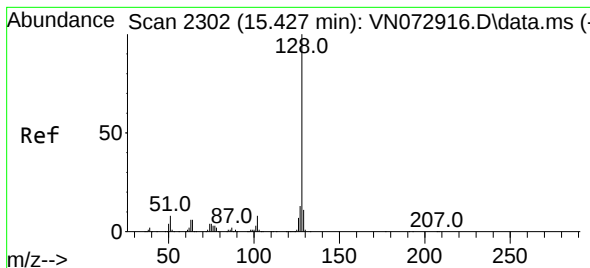


#94
Hexachlorobutadiene
Concen: 47.543 ug/l
RT: 15.298 min Scan# 2280
Delta R.T. 0.000 min
Lab File: VN073147.D
Acq: 26 Jun 2022 08:11



Tgt Ion:225 Resp: 79347
Ion Ratio Lower Upper
225 100
223 63.0 32.4 97.2
227 62.2 31.8 95.4





#95

Naphthalene

Concen: 48.851 ug/l

RT: 15.433 min Scan# 2303

Delta R.T. 0.006 min

Lab File: VN073147.D

Acq: 26 Jun 2022 08:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

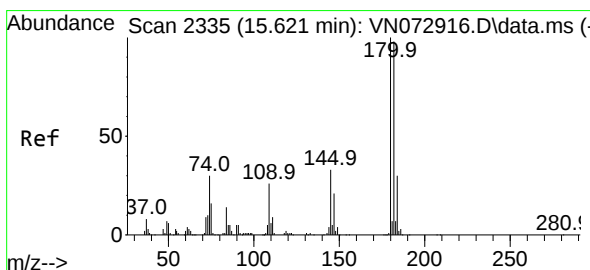
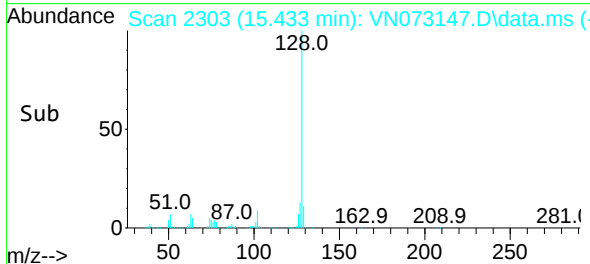
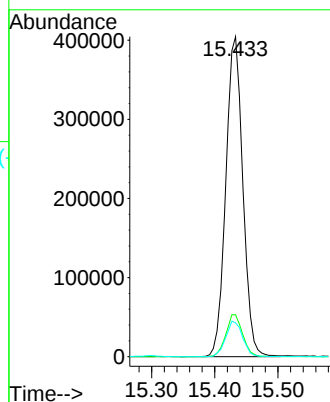
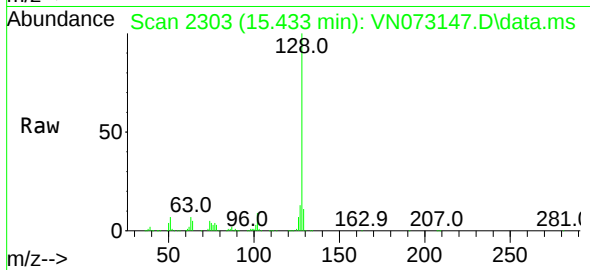
Tgt Ion:128	Resp: 757919
Ion Ratio	Lower Upper
128 100	
127 13.0	10.3 15.5
129 11.0	8.6 13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/27/2022

Supervised By :Mahesh Dadoda 06/30/2022



#96

1,2,3-Trichlorobenzene

Concen: 48.408 ug/l

RT: 15.621 min Scan# 2335

Delta R.T. 0.000 min

Lab File: VN073147.D

Acq: 26 Jun 2022 08:11

Tgt Ion:180	Resp: 198253
Ion Ratio	Lower Upper
180 100	
182 94.0	47.8 143.3
145 33.1	15.5 46.5

