

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070722\
 Data File : VN073359.D
 Acq On : 07 Jul 2022 09:01
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/08/2022
 Supervised By : Mahesh Dadoda 07/08/2022

Quant Time: Jul 07 15:01:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 01:54:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.010	168	266572	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	455222	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	421397	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	204658	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.363	65	185242	48.137	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.280%		
35) Dibromofluoromethane	7.945	113	151763	50.109	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.220%		
50) Toluene-d8	10.375	98	527789	49.066	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.140%		
62) 4-Bromofluorobenzene	12.669	95	214367	51.857	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	103.720%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.046	85	187157	48.022	ug/l	98
3) Chloromethane	2.269	50	172359	45.553	ug/l	97
4) Vinyl Chloride	2.410	62	147206	45.789	ug/l	98
5) Bromomethane	2.799	94	67920	44.729	ug/l	96
6) Chloroethane	2.957	64	88129	46.600	ug/l	97
7) Trichlorofluoromethane	3.316	101	263968	47.493	ug/l	99
8) Diethyl Ether	3.763	74	107242	47.399	ug/l	79
9) 1,1,2-Trichlorotrifluo...	4.140	101	159831	48.668	ug/l	97
10) Methyl Iodide	4.351	142	168711	43.115	ug/l	96
11) Tert butyl alcohol	5.287	59	209400	224.625	ug/l	99
12) 1,1-Dichloroethene	4.110	96	147264	46.928	ug/l	94
13) Acrolein	3.975	56	161661	274.361	ug/l	98
14) Allyl chloride	4.763	41	323499	48.935	ug/l #	93
15) Acrylonitrile	5.469	53	587135	244.662	ug/l	99
16) Acetone	4.216	43	558981	258.776	ug/l	95
17) Carbon Disulfide	4.457	76	363216	44.637	ug/l	99
18) Methyl Acetate	4.769	43	294090	48.583	ug/l	91
19) Methyl tert-butyl Ether	5.528	73	562651	49.195	ug/l	98
20) Methylene Chloride	5.010	84	178175	46.935	ug/l	92
21) trans-1,2-Dichloroethene	5.510	96	154235	47.038	ug/l	98
22) Diisopropyl ether	6.404	45	623096	50.511	ug/l	95
23) Vinyl Acetate	6.346	43	2746581	248.680	ug/l #	94
24) 1,1-Dichloroethane	6.298	63	319737	50.086	ug/l	100
25) 2-Butanone	7.251	43	857672	249.388	ug/l	89
26) 2,2-Dichloropropane	7.245	77	277498	47.001	ug/l	99
27) cis-1,2-Dichloroethene	7.245	96	191708	48.280	ug/l	95
28) Bromochloromethane	7.581	49	146323	54.730	ug/l	84
29) Tetrahydrofuran	7.604	42	561065	238.262	ug/l	87
30) Chloroform	7.740	83	316595	49.240	ug/l	99
31) Cyclohexane	8.016	56	280589	44.520	ug/l	92
32) 1,1,1-Trichloroethane	7.940	97	278136	48.541	ug/l	100
36) 1,1-Dichloropropene	8.145	75	226913	48.692	ug/l	99
37) Ethyl Acetate	7.328	43	340387	48.340	ug/l	94
38) Carbon Tetrachloride	8.128	117	230699	47.870	ug/l	100
39) Methylcyclohexane	9.392	83	280880	48.412	ug/l	95
40) Benzene	8.387	78	691699	48.094	ug/l	98

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.557	41	172709	50.574	ug/l #	84
42) 1,2-Dichloroethane	8.457	62	258007	49.489	ug/l	99
43) Isopropyl Acetate	8.487	43	511519	50.546	ug/l	94
44) Trichloroethene	9.145	130	176234	48.152	ug/l	95
45) 1,2-Dichloropropane	9.422	63	183866	50.158	ug/l	99
46) Dibromomethane	9.510	93	121415	48.781	ug/l	93
47) Bromodichloromethane	9.692	83	250698	52.005	ug/l	99
48) Methyl methacrylate	9.492	41	230282	49.147	ug/l	92
49) 1,4-Dioxane	9.498	88	86308	970.297	ug/l #	93
51) 4-Methyl-2-Pentanone	10.263	43	1637815	255.211	ug/l	91
52) Toluene	10.439	92	431786	48.580	ug/l	100
53) t-1,3-Dichloropropene	10.657	75	279017	52.577	ug/l	98
54) cis-1,3-Dichloropropene	10.122	75	299383	52.255	ug/l #	90
55) 1,1,2-Trichloroethane	10.833	97	178393	48.753	ug/l	98
56) Ethyl methacrylate	10.698	69	304050	51.410	ug/l	89
57) 1,3-Dichloropropane	10.980	76	309250	49.302	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.975	63	676279	256.394	ug/l	95
59) 2-Hexanone	11.022	43	1262192	258.018	ug/l	88
60) Dibromochloromethane	11.175	129	184904	53.001	ug/l	100
61) 1,2-Dibromoethane	11.280	107	186488	51.025	ug/l	99
64) Tetrachloroethene	10.910	164	161506	46.936	ug/l	96
65) Chlorobenzene	11.704	112	458563	48.115	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.780	131	169756	48.426	ug/l	99
67) Ethyl Benzene	11.780	91	843650	48.760	ug/l	99
68) m/p-Xylenes	11.892	106	643729	98.583	ug/l	96
69) o-Xylene	12.216	106	319410	47.916	ug/l	96
70) Styrene	12.233	104	527804	51.284	ug/l	99
71) Bromoform	12.392	173	133301	51.968	ug/l #	98
73) Isopropylbenzene	12.516	105	843565	47.732	ug/l	98
74) N-amyl acetate	12.327	43	403903	45.642	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.769	83	273894	46.703	ug/l	100
76) 1,2,3-Trichloropropane	12.822	75	232703m	43.485	ug/l	
77) Bromobenzene	12.798	156	189923	46.222	ug/l	89
78) n-propylbenzene	12.857	91	985769	50.209	ug/l	97
79) 2-Chlorotoluene	12.945	91	581211	46.774	ug/l	98
80) 1,3,5-Trimethylbenzene	12.998	105	702658	48.779	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.563	75	94416	48.386	ug/l	94
82) 4-Chlorotoluene	13.039	91	576808	47.948	ug/l	97
83) tert-Butylbenzene	13.263	119	613082	47.473	ug/l	96
84) 1,2,4-Trimethylbenzene	13.304	105	699139	48.612	ug/l	97
85) sec-Butylbenzene	13.439	105	871271	50.243	ug/l	98
86) p-Isopropyltoluene	13.551	119	717161	51.195	ug/l	99
87) 1,3-Dichlorobenzene	13.551	146	345928	46.928	ug/l	98
88) 1,4-Dichlorobenzene	13.633	146	348601	47.199	ug/l	98
89) n-Butylbenzene	13.880	91	615573	52.734	ug/l	99
90) Hexachloroethane	14.145	117	128452	49.203	ug/l	85
91) 1,2-Dichlorobenzene	13.921	146	356771	47.512	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.539	75	65798	46.161	ug/l	88
93) 1,2,4-Trichlorobenzene	15.192	180	198118	50.671	ug/l	99
94) Hexachlorobutadiene	15.298	225	85410	49.140	ug/l	98
95) Naphthalene	15.433	128	714498	45.298	ug/l	99
96) 1,2,3-Trichlorobenzene	15.621	180	194739	48.283	ug/l	99

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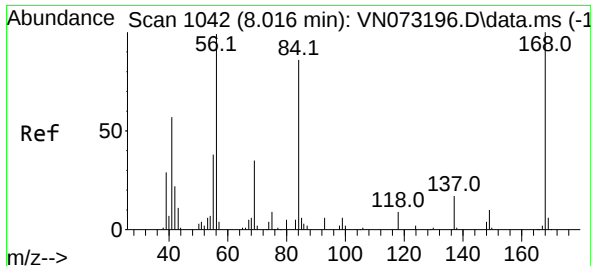
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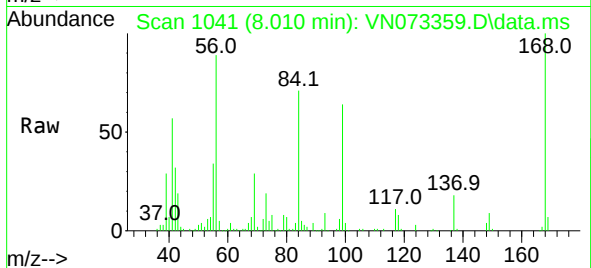
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.010 min Scan# 1042
Delta R.T. -0.006 min
Lab File: VN073359.D
Acq: 07 Jul 2022 09:01

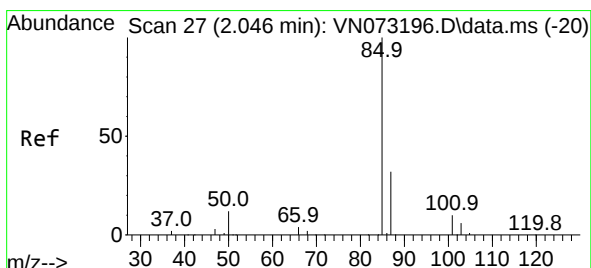
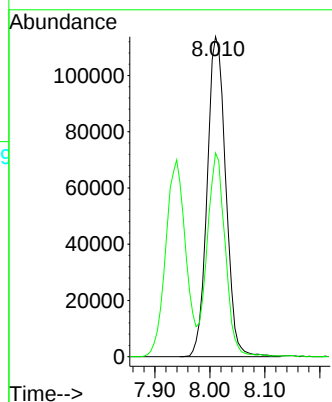
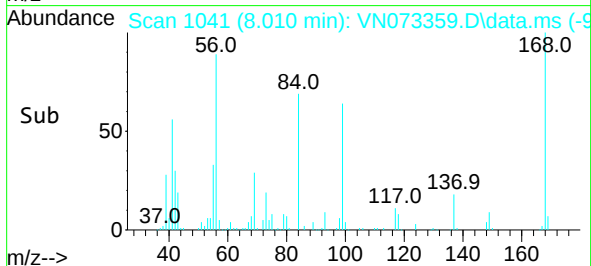
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 266572
Ion Ratio Lower Upper
168 100
99 63.5 42.3 63.5

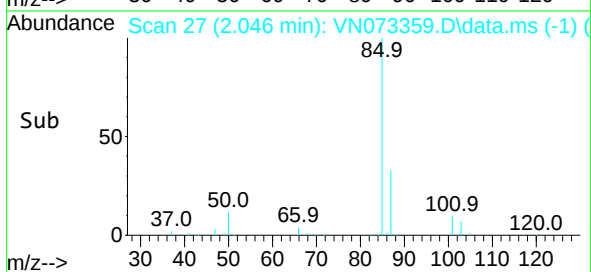
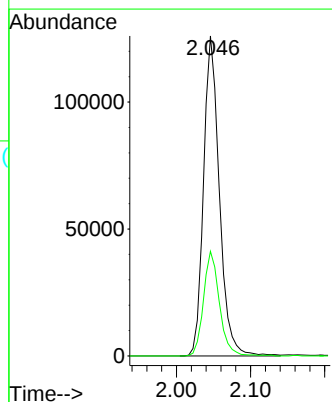
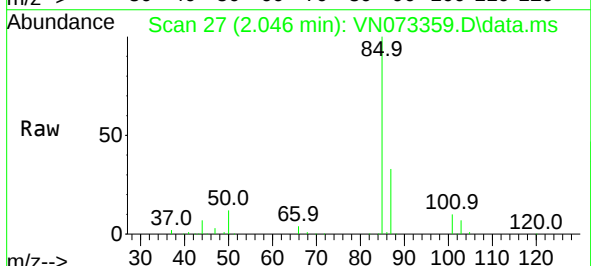
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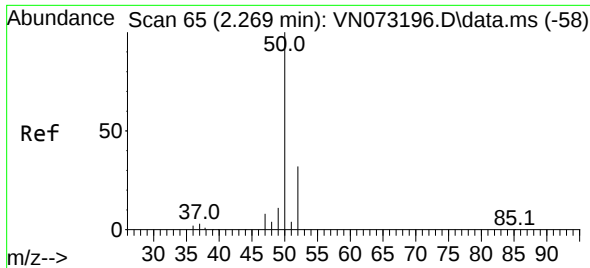
Reviewed By :John Carlone 07/08/2022
Supervised By :Mahesh Dadoda 07/08/2022



#2
Dichlorodifluoromethane
Concen: 48.022 ug/l
RT: 2.046 min Scan# 27
Delta R.T. -0.000 min
Lab File: VN073359.D
Acq: 07 Jul 2022 09:01

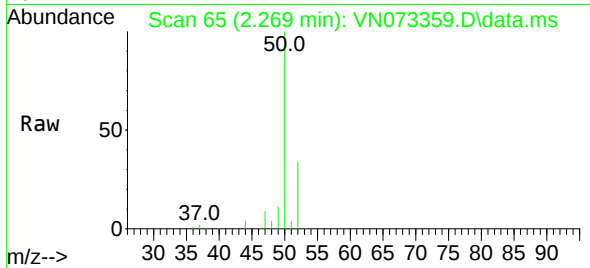
Tgt Ion: 85 Resp: 187157
Ion Ratio Lower Upper
85 100
87 32.7 15.7 47.1





#3
Chloromethane
Concen: 45.553 ug/l
RT: 2.269 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN073359.D
Acq: 07 Jul 2022 09:01

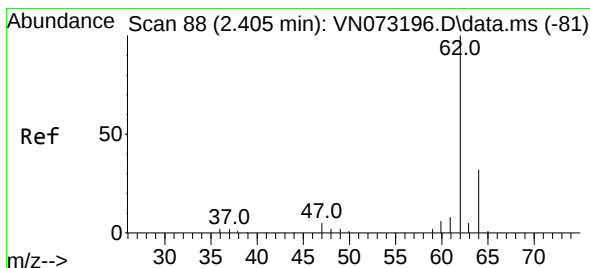
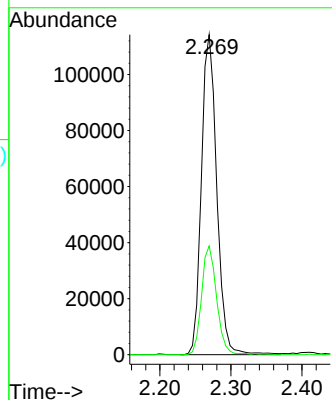
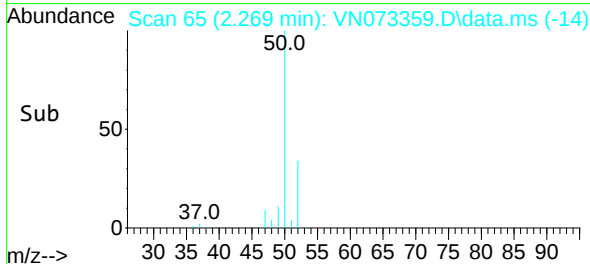
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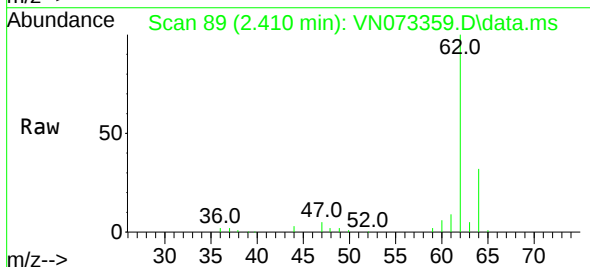
Tgt Ion: 50 Resp: 172359
Ion Ratio Lower Upper
50 100
52 34.0 25.7 38.5

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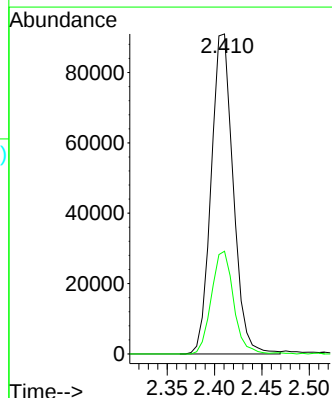
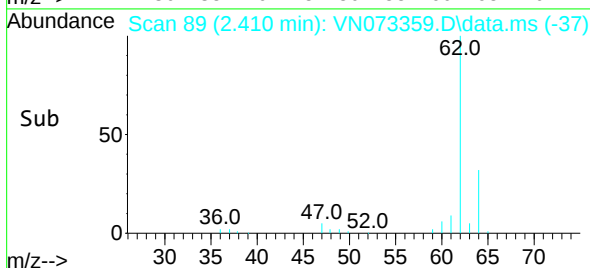
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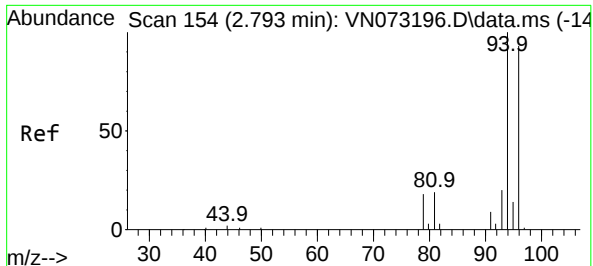


#4
Vinyl Chloride
Concen: 45.789 ug/l
RT: 2.410 min Scan# 89
Delta R.T. 0.005 min
Lab File: VN073359.D
Acq: 07 Jul 2022 09:01



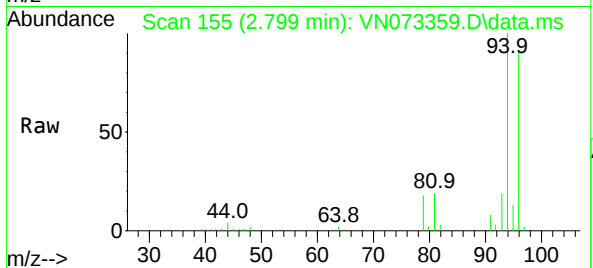
Tgt Ion: 62 Resp: 147206
Ion Ratio Lower Upper
62 100
64 32.1 25.0 37.4





#5
Bromomethane
Concen: 44.729 ug/l
RT: 2.799 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN073359.D
Acq: 07 Jul 2022 09:01

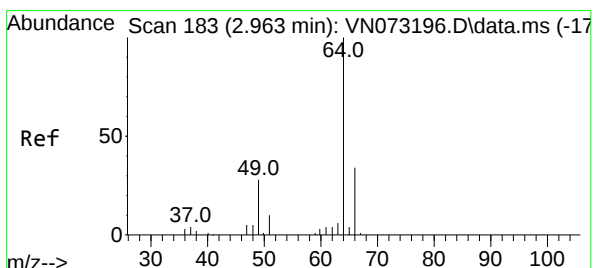
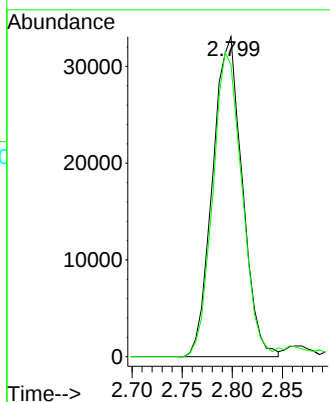
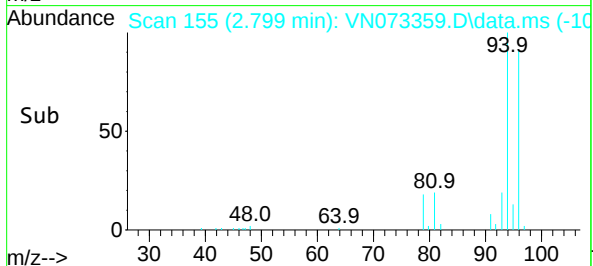
Instrument :
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Tgt Ion: 94 Resp: 67920
Ion Ratio Lower Upper
94 100
96 91.2 76.0 114.0

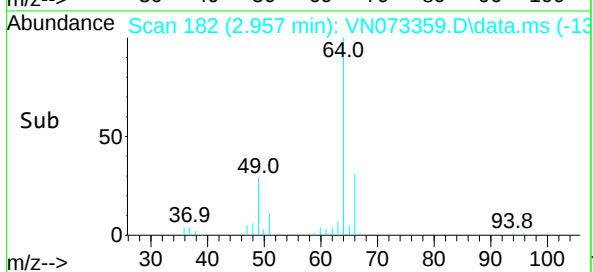
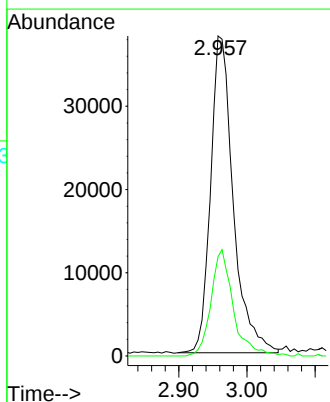
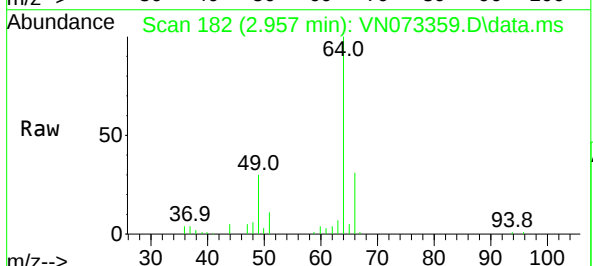
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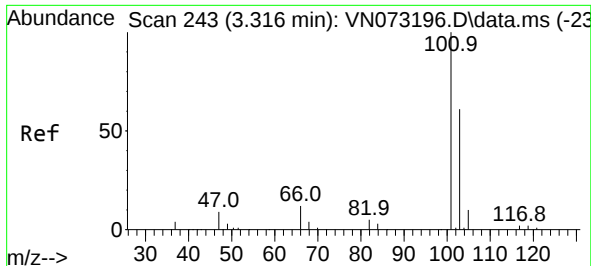
Reviewed By :John Carlone 07/08/2022
Supervised By :Mahesh Dadoda 07/08/2022



#6
Chloroethane
Concen: 46.600 ug/l
RT: 2.957 min Scan# 182
Delta R.T. -0.006 min
Lab File: VN073359.D
Acq: 07 Jul 2022 09:01

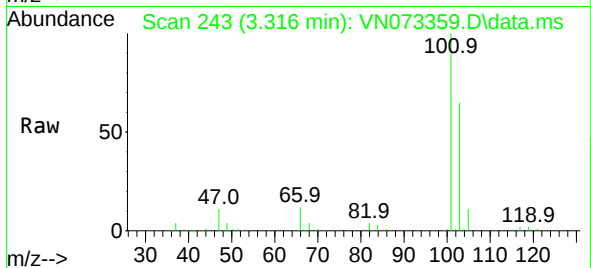
Tgt Ion: 64 Resp: 88129
Ion Ratio Lower Upper
64 100
66 31.3 26.2 39.4





#7
Trichlorofluoromethane
Concen: 47.493 ug/l
RT: 3.316 min Scan# 243
Delta R.T. 0.000 min
Lab File: VN073359.D
Acq: 07 Jul 2022 09:01

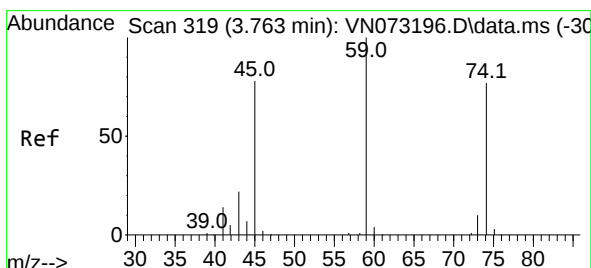
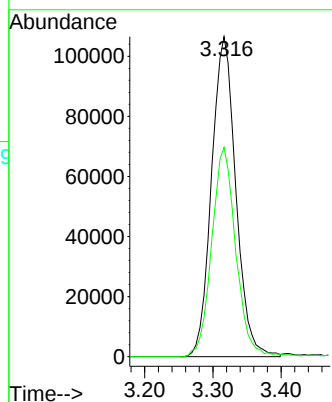
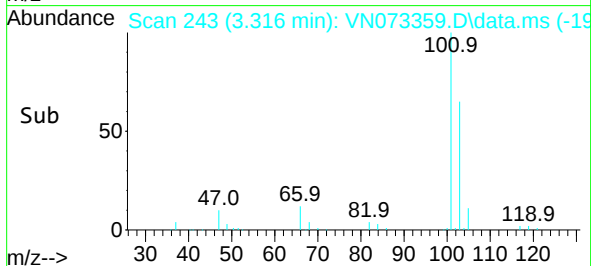
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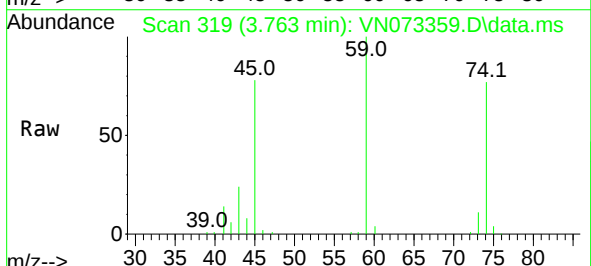
Tgt Ion:101 Resp: 263968
Ion Ratio Lower Upper
101 100
103 65.5 51.5 77.3

Manual Integrations
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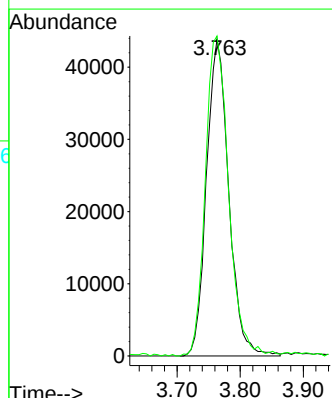
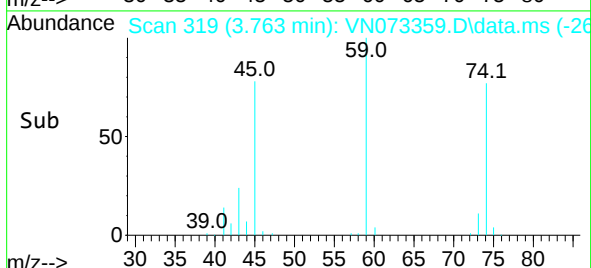
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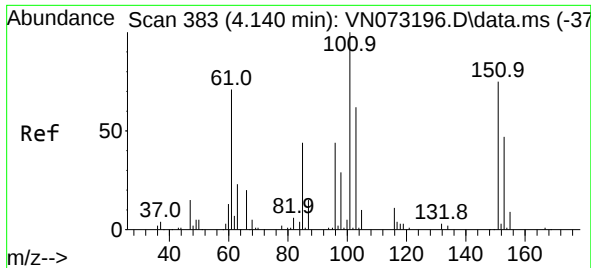


#8
Diethyl Ether
Concen: 47.399 ug/l
RT: 3.763 min Scan# 319
Delta R.T. 0.000 min
Lab File: VN073359.D
Acq: 07 Jul 2022 09:01



Tgt Ion: 74 Resp: 107242
Ion Ratio Lower Upper
74 100
45 105.1 42.9 128.5





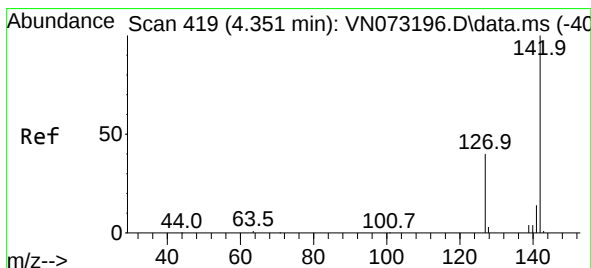
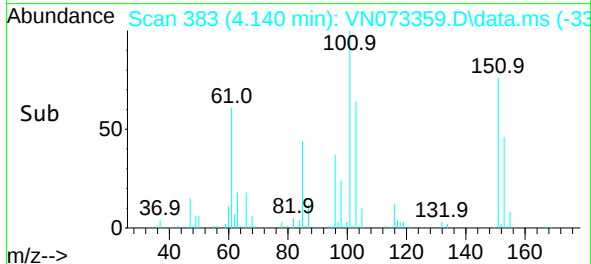
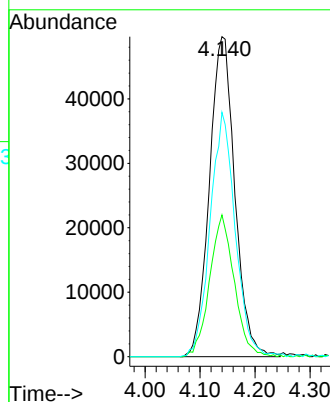
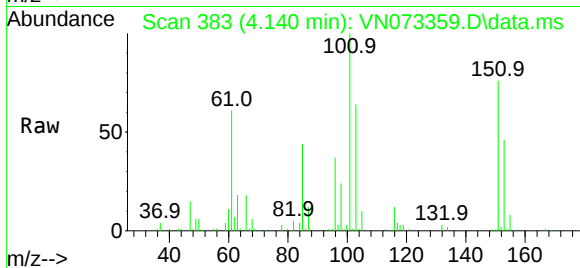
#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.668 ug/l
RT: 4.140 min Scan# 383
Delta R.T. -0.000 min
Lab File: VN073359.D
Acq: 07 Jul 2022 09:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 15983
Ion Ratio Lower Upper
101 100
85 42.7 34.7 52.1
151 75.3 63.0 94.4

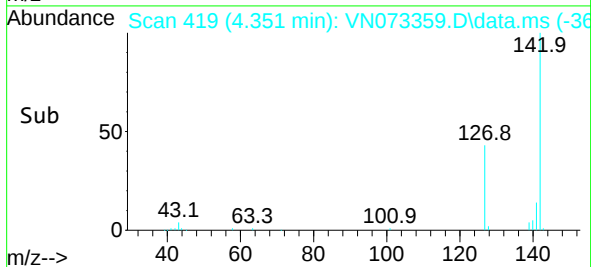
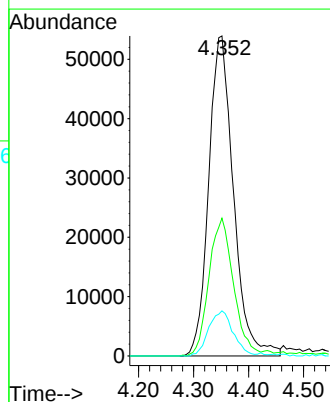
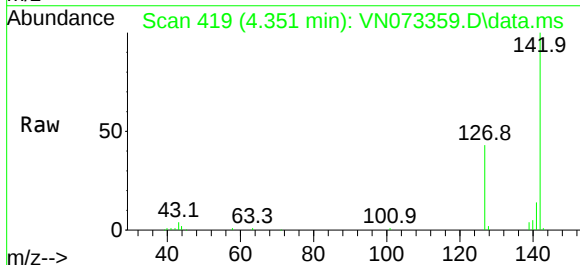
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/08/2022
Supervised By :Mahesh Dadoda 07/08/2022



#10
Methyl Iodide
Concen: 43.115 ug/l
RT: 4.351 min Scan# 419
Delta R.T. 0.000 min
Lab File: VN073359.D
Acq: 07 Jul 2022 09:01

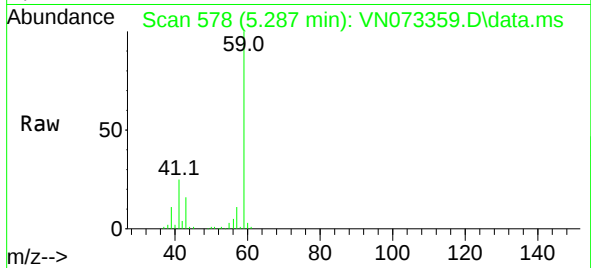
Tgt Ion:142 Resp: 168711
Ion Ratio Lower Upper
142 100
127 42.7 31.3 46.9
141 14.0 11.2 16.8





#11
Tert butyl alcohol
Concen: 224.625 ug/l
RT: 5.287 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN073359.D
Acq: 07 Jul 2022 09:01

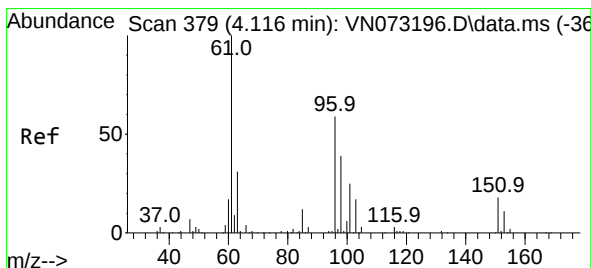
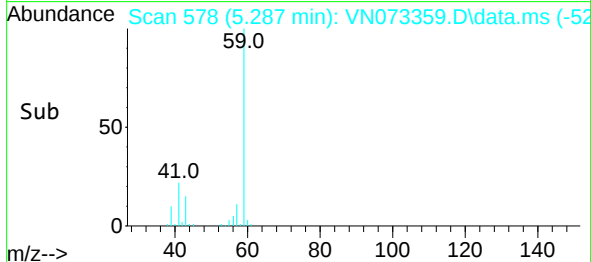
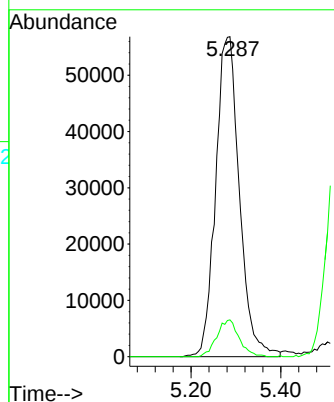
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 59 Resp: 209400
Ion Ratio Lower Upper
59 100
57 10.8 8.3 12.5

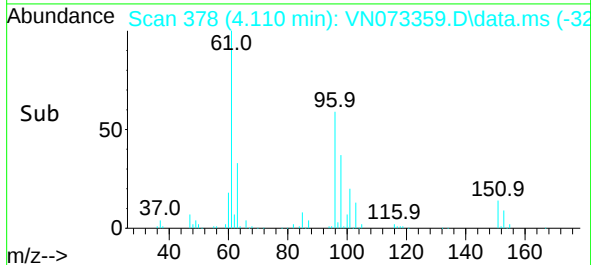
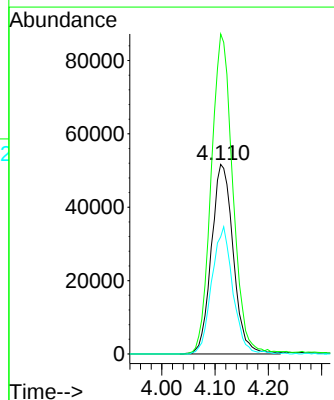
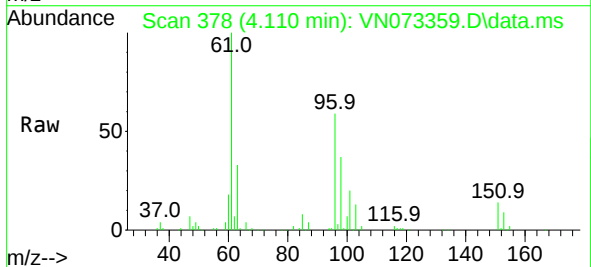
Manual Integrations
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Supervised By :Mahesh Dadoda 07/08/2022



#12
1,1-Dichloroethene
Concen: 46.928 ug/l
RT: 4.110 min Scan# 378
Delta R.T. -0.006 min
Lab File: VN073359.D
Acq: 07 Jul 2022 09:01

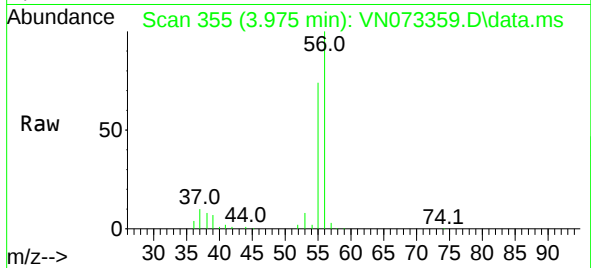
Tgt Ion: 96 Resp: 147264
Ion Ratio Lower Upper
96 100
61 168.8 127.6 191.4
98 61.8 51.2 76.8





#13
Acrolein
Concen: 274.361 ug/l
RT: 3.975 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN073359.D
Acq: 07 Jul 2022 09:01

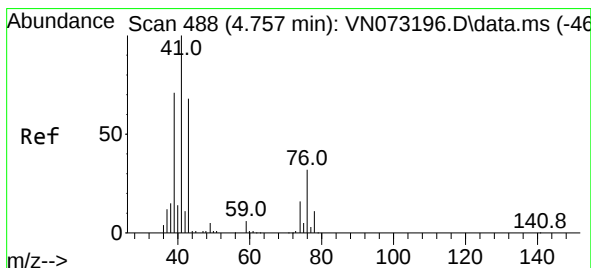
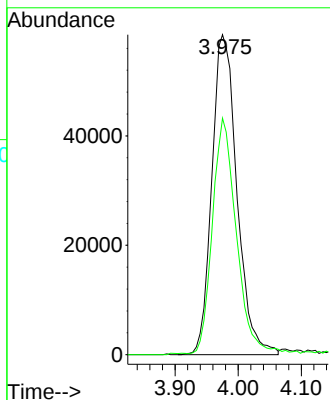
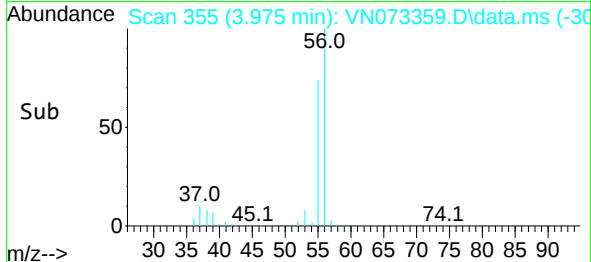
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 16166
Ion Ratio Lower Upper
56 100
55 70.1 54.8 82.2

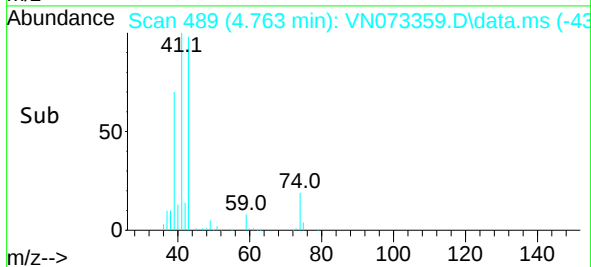
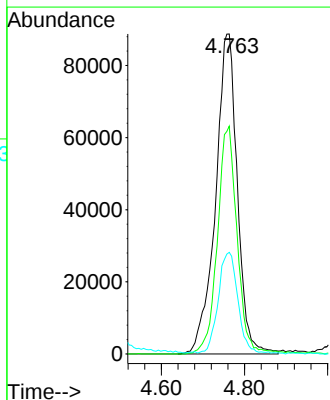
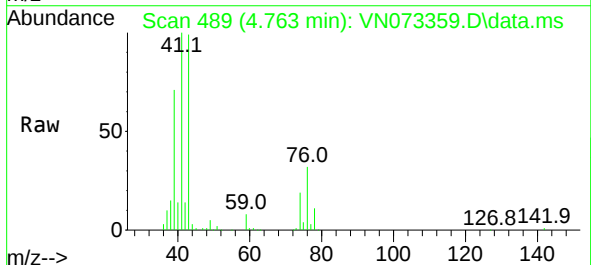
Manual Integrations
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Reviewed By :John Carlone 07/08/2022
Supervised By :Mahesh Dadoda 07/08/2022



#14
Allyl chloride
Concen: 48.935 ug/l
RT: 4.763 min Scan# 489
Delta R.T. 0.006 min
Lab File: VN073359.D
Acq: 07 Jul 2022 09:01

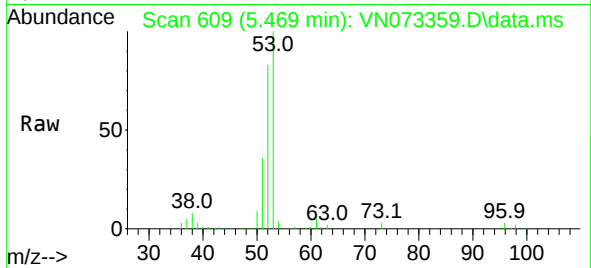
Tgt Ion: 41 Resp: 323499
Ion Ratio Lower Upper
41 100
39 64.3 53.2 79.8
76 29.0 29.9 44.9#





#15
Acrylonitrile
Concen: 244.662 ug/l
RT: 5.469 min Scan# 609
Delta R.T. 0.000 min
Lab File: VN073359.D
Acq: 07 Jul 2022 09:01

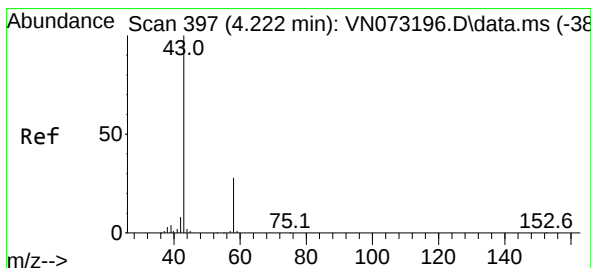
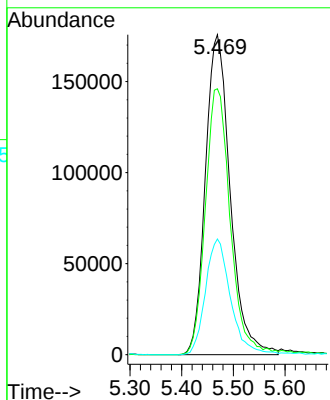
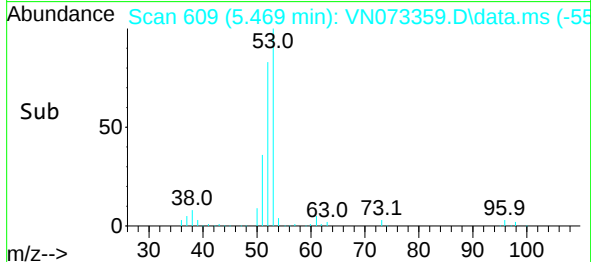
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 58713
Ion Ratio Lower Upper
53 100
52 83.8 66.4 99.6
51 36.5 28.5 42.7

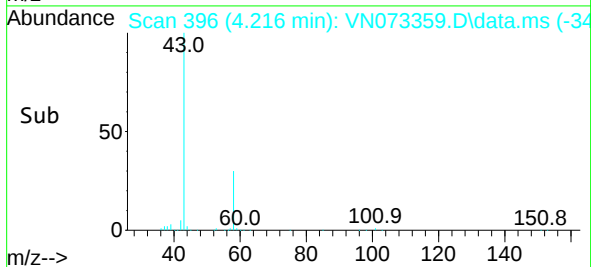
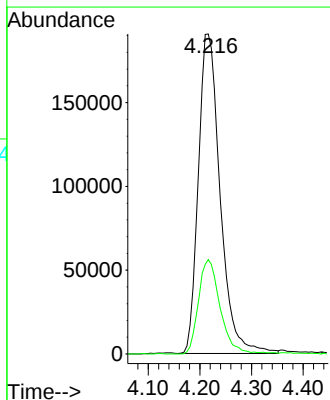
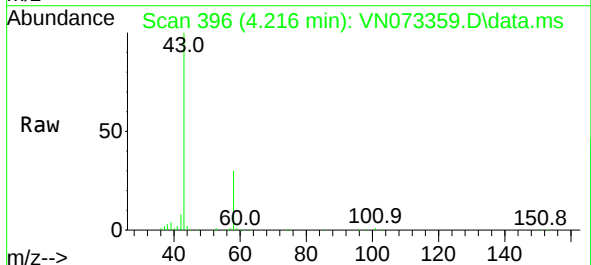
Manual Integrations
APPROVED

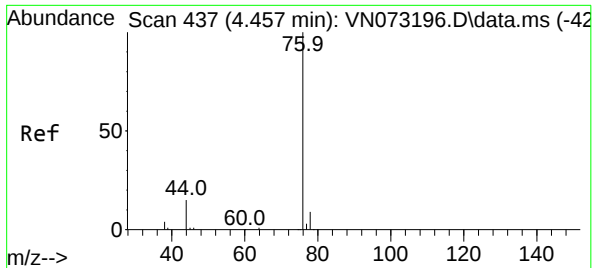
Reviewed By :John Carlone 07/08/2022
Supervised By :Mahesh Dadoda 07/08/2022



#16
Acetone
Concen: 258.776 ug/l
RT: 4.216 min Scan# 396
Delta R.T. -0.006 min
Lab File: VN073359.D
Acq: 07 Jul 2022 09:01

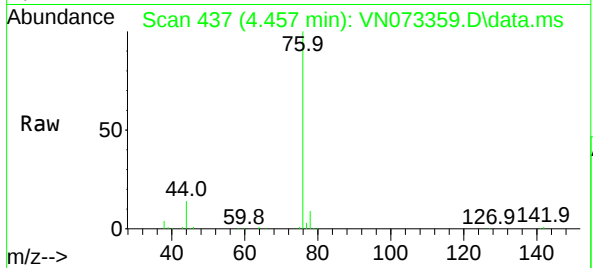
Tgt Ion: 43 Resp: 558981
Ion Ratio Lower Upper
43 100
58 29.6 26.0 39.0





#17
Carbon Disulfide
Concen: 44.637 ug/l
RT: 4.457 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN073359.D
Acq: 07 Jul 2022 09:01

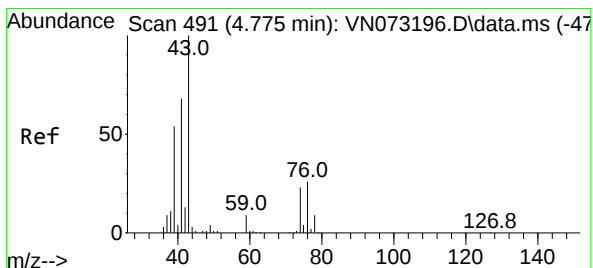
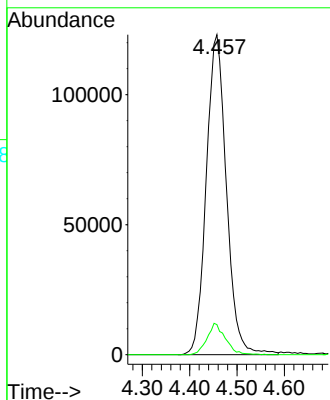
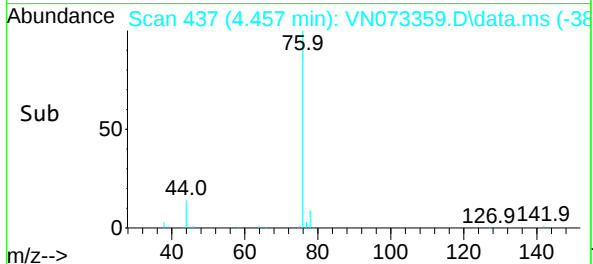
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 363210
Ion Ratio Lower Upper
76 100
78 9.4 7.2 10.8

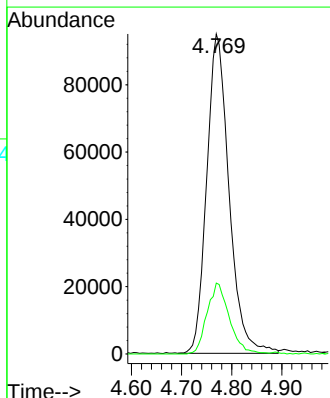
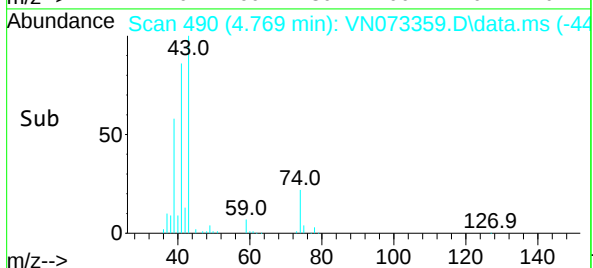
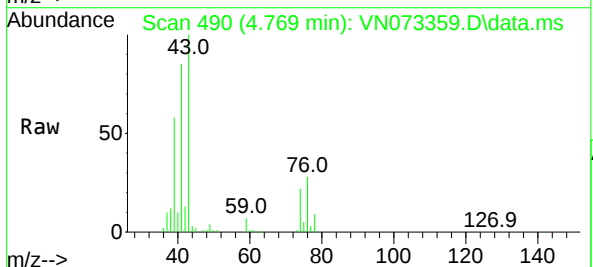
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/08/2022
Supervised By :Mahesh Dadoda 07/08/2022



#18
Methyl Acetate
Concen: 48.583 ug/l
RT: 4.769 min Scan# 490
Delta R.T. -0.006 min
Lab File: VN073359.D
Acq: 07 Jul 2022 09:01

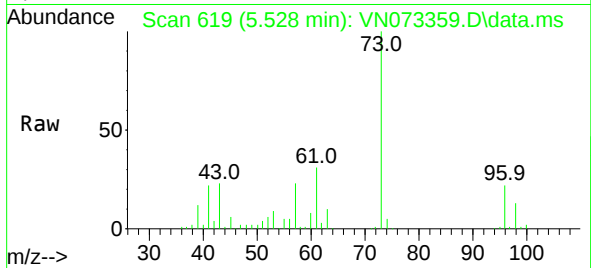
Tgt Ion: 43 Resp: 294090
Ion Ratio Lower Upper
43 100
74 22.1 21.6 32.4





#19
Methyl tert-butyl Ether
Concen: 49.195 ug/l
RT: 5.528 min Scan# 619
Delta R.T. -0.000 min
Lab File: VN073359.D
Acq: 07 Jul 2022 09:01

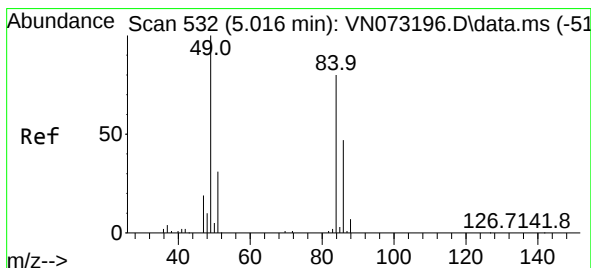
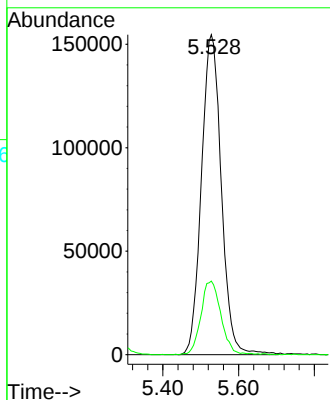
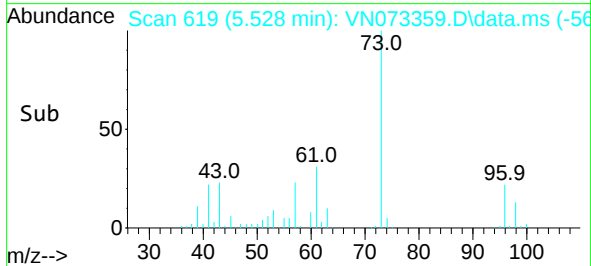
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 56265
Ion Ratio Lower Upper
73 100
57 23.0 17.6 26.4

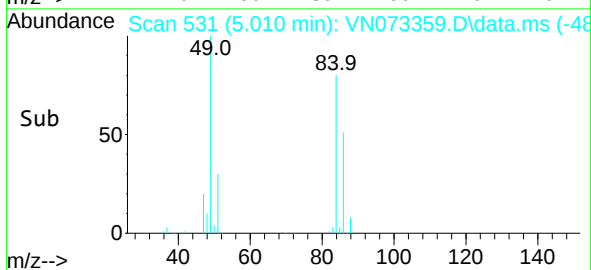
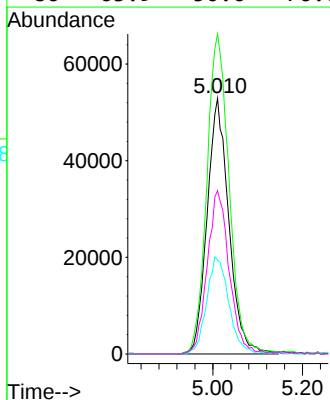
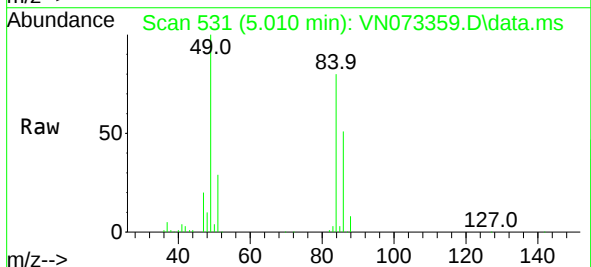
Manual Integrations
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Reviewed By :John Carlone 07/08/2022
Supervised By :Mahesh Dadoda 07/08/2022



#20
Methylene Chloride
Concen: 46.935 ug/l
RT: 5.010 min Scan# 531
Delta R.T. -0.006 min
Lab File: VN073359.D
Acq: 07 Jul 2022 09:01

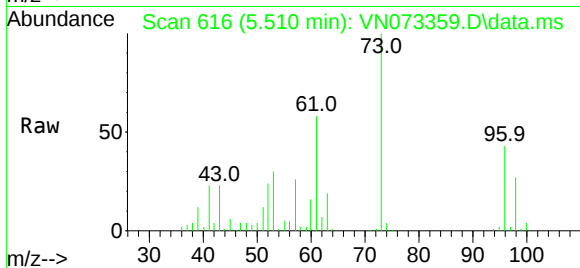
Tgt Ion: 84 Resp: 178175
Ion Ratio Lower Upper
84 100
49 125.1 88.3 132.5
51 36.8 28.2 42.2
86 63.9 50.6 76.0





#21
trans-1,2-Dichloroethene
Concen: 47.038 ug/l
RT: 5.510 min Scan# 616
Delta R.T. 0.000 min
Lab File: VN073359.D
Acq: 07 Jul 2022 09:01

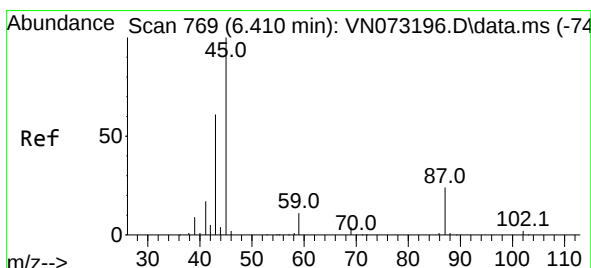
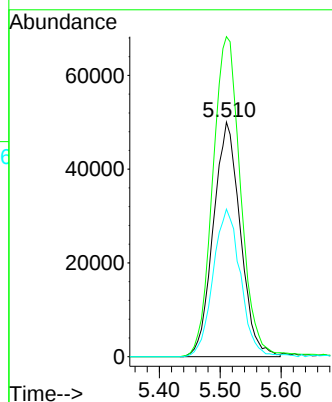
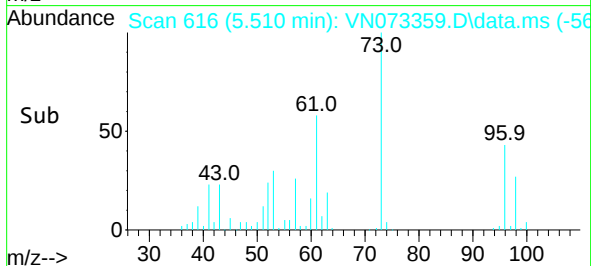
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



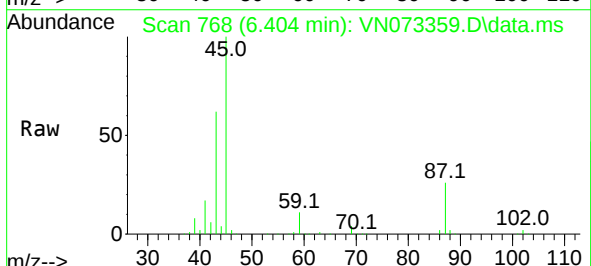
Tgt Ion: 96 Resp: 154235
Ion Ratio Lower Upper
96 100
61 136.4 105.8 158.8
98 62.9 50.3 75.5

Manual Integrations
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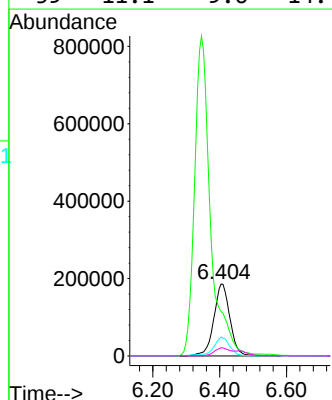
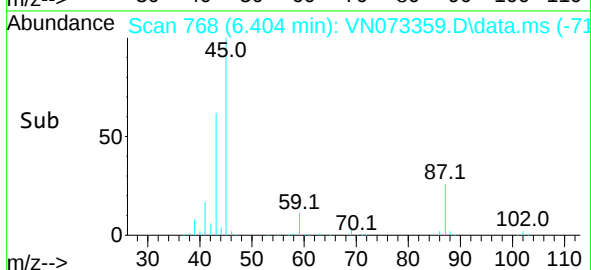
Reviewed By :John Carlone 07/08/2022
Supervised By :Mahesh Dadoda 07/08/2022



#22
Diisopropyl ether
Concen: 50.511 ug/l
RT: 6.404 min Scan# 768
Delta R.T. -0.006 min
Lab File: VN073359.D
Acq: 07 Jul 2022 09:01



Tgt Ion: 45 Resp: 623096
Ion Ratio Lower Upper
45 100
43 61.0 46.6 70.0
87 26.4 24.3 36.5
59 11.1 9.6 14.4





#23
 Vinyl Acetate
 Concen: 248.680 ug/l
 RT: 6.346 min Scan# 71
 Delta R.T. -0.005 min
 Lab File: VN073359.D
 Acq: 07 Jul 2022 09:01

Instrument :

MSVOA_N

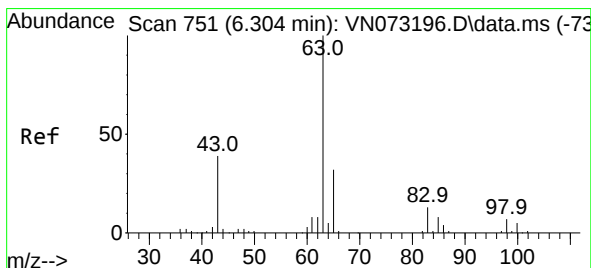
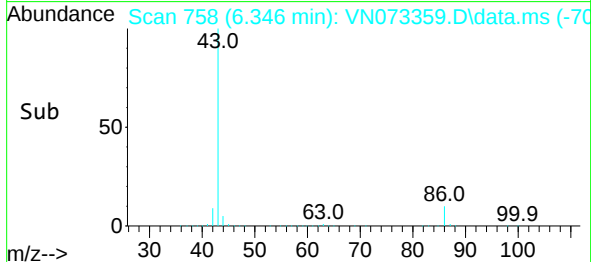
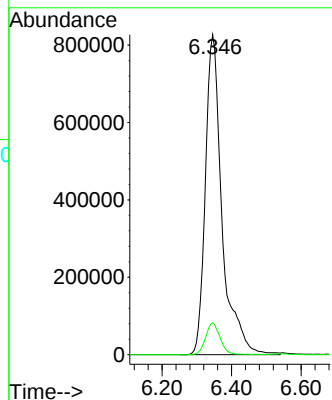
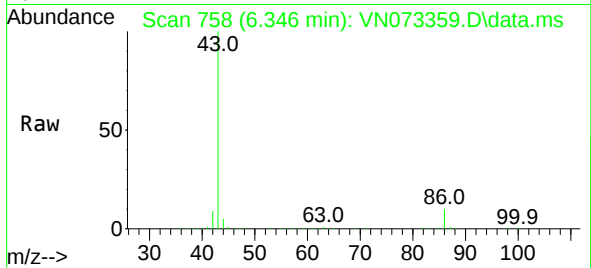
ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 274658
 Ion Ratio Lower Upper
 43 100
 86 10.0 10.0 15.0

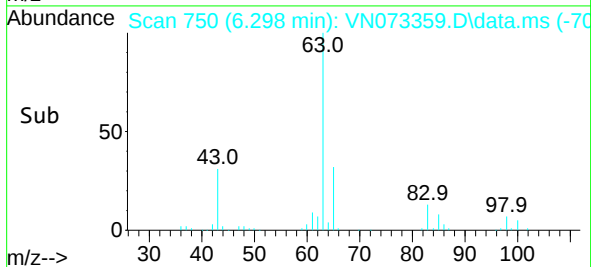
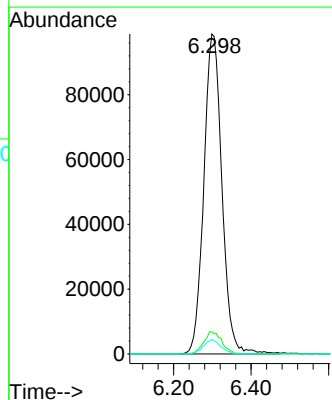
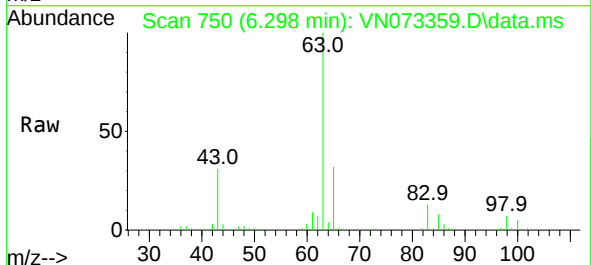
Manual Integrations
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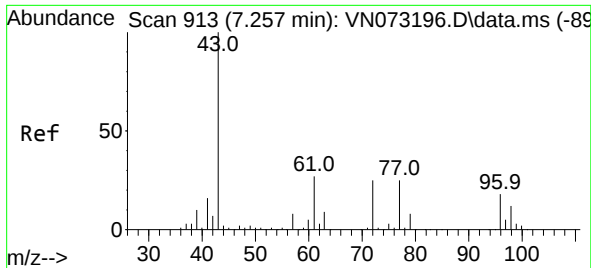
Reviewed By :John Carlone 07/08/2022
 Supervised By :Mahesh Dadoda 07/08/2022



#24
 1,1-Dichloroethane
 Concen: 50.086 ug/l
 RT: 6.298 min Scan# 750
 Delta R.T. -0.006 min
 Lab File: VN073359.D
 Acq: 07 Jul 2022 09:01

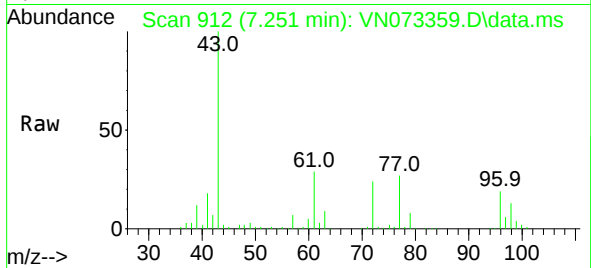
Tgt Ion: 63 Resp: 319737
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.5 10.4
 100 4.5 2.3 6.8





#25
2-Butanone
Concen: 249.388 ug/l
RT: 7.251 min Scan# 912
Delta R.T. -0.006 min
Lab File: VN073359.D
Acq: 07 Jul 2022 09:01

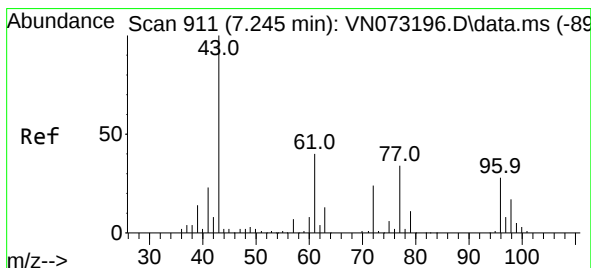
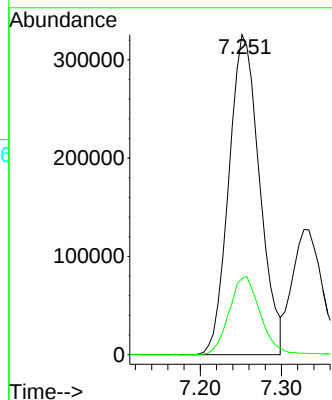
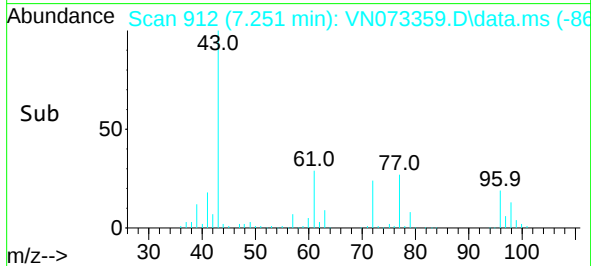
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



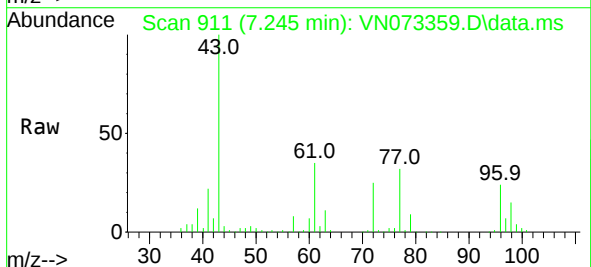
Tgt Ion: 43 Resp: 857672
Ion Ratio Lower Upper
43 100
72 23.9 23.7 35.5

Manual Integrations
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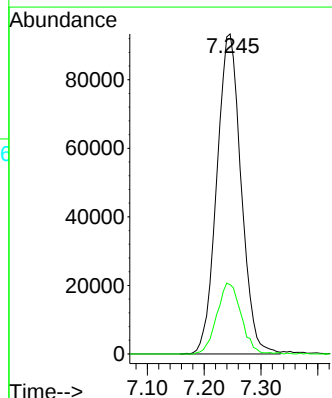
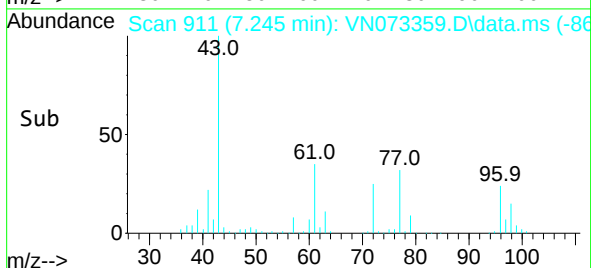
Reviewed By :John Carlone 07/08/2022
Supervised By :Mahesh Dadoda 07/08/2022

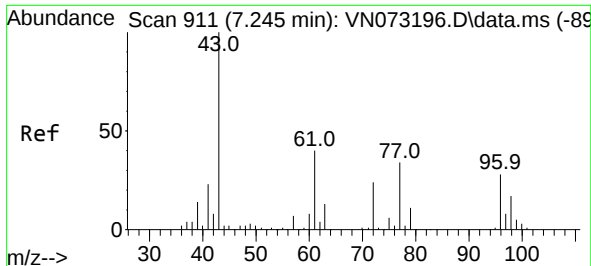


#26
2,2-Dichloropropane
Concen: 47.001 ug/l
RT: 7.245 min Scan# 911
Delta R.T. 0.000 min
Lab File: VN073359.D
Acq: 07 Jul 2022 09:01



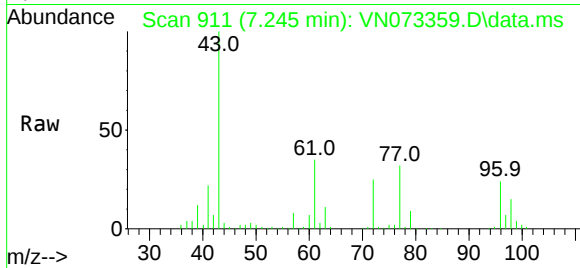
Tgt Ion: 77 Resp: 277498
Ion Ratio Lower Upper
77 100
97 22.2 11.4 34.2





#27
 cis-1,2-Dichloroethene
 Concen: 48.280 ug/l
 RT: 7.245 min Scan# 911
 Delta R.T. 0.000 min
 Lab File: VN073359.D
 Acq: 07 Jul 2022 09:01

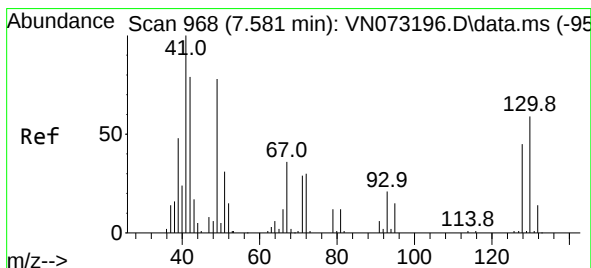
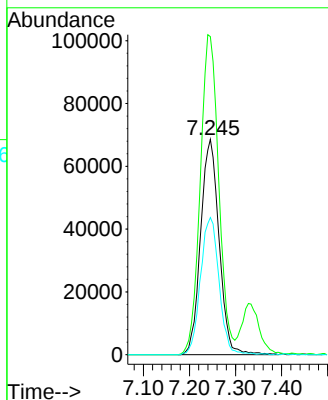
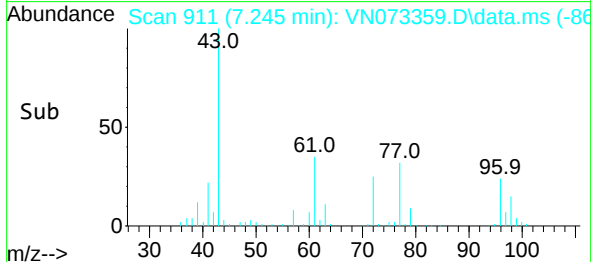
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 191708
 Ion Ratio Lower Upper
 96 100
 61 148.5 0.0 280.6
 98 64.0 0.0 128.4

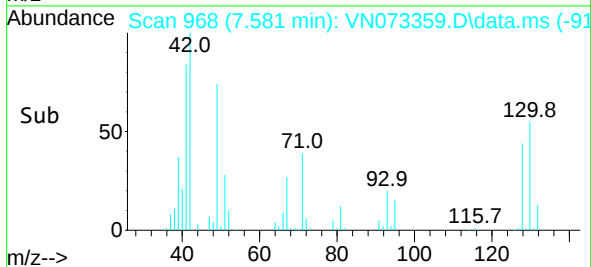
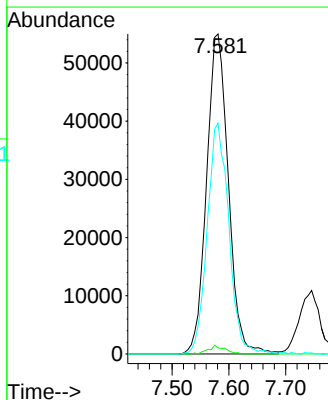
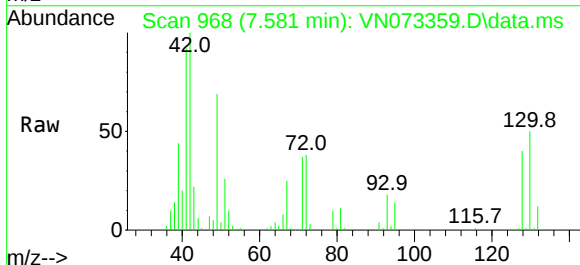
Manual Integrations
 APPROVED

Reviewed By :John Carlone 07/08/2022
 Supervised By :Mahesh Dadoda 07/08/2022



#28
 Bromochloromethane
 Concen: 54.730 ug/l
 RT: 7.581 min Scan# 968
 Delta R.T. -0.000 min
 Lab File: VN073359.D
 Acq: 07 Jul 2022 09:01

Tgt Ion: 49 Resp: 146323
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.6
 130 71.6 69.7 104.5





#29

Tetrahydrofuran

Concen: 238.262 ug/l

RT: 7.604 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN073359.D

Acq: 07 Jul 2022 09:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 56106

Ion Ratio Lower Upper

42 100

72 40.6 39.7 59.5

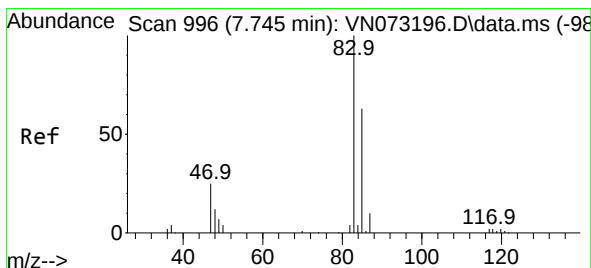
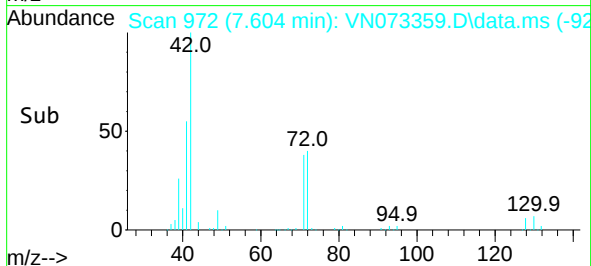
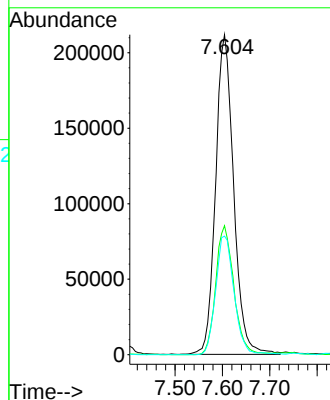
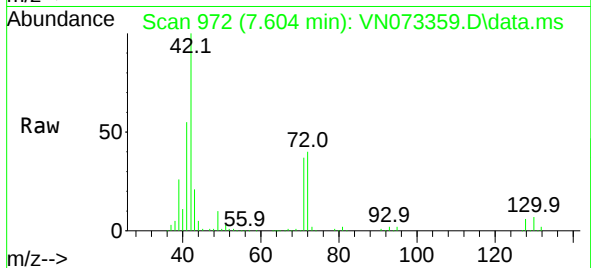
71 38.0 36.6 55.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/08/2022

Supervised By :Mahesh Dadoda 07/08/2022



#30

Chloroform

Concen: 49.240 ug/l

RT: 7.740 min Scan# 995

Delta R.T. -0.005 min

Lab File: VN073359.D

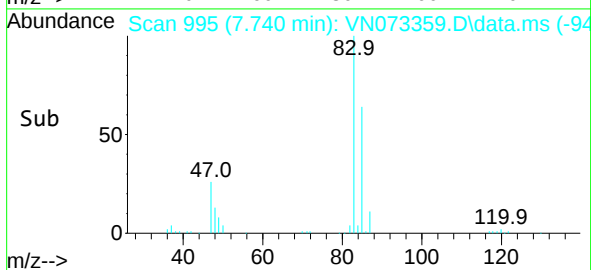
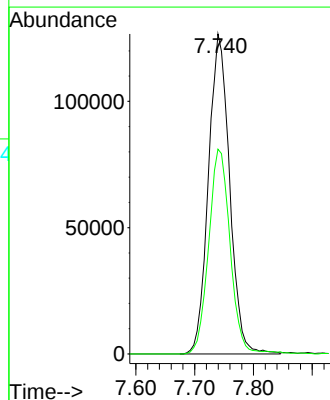
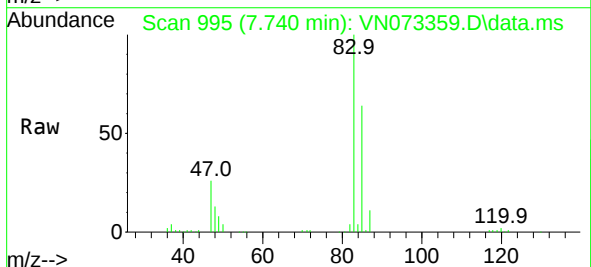
Acq: 07 Jul 2022 09:01

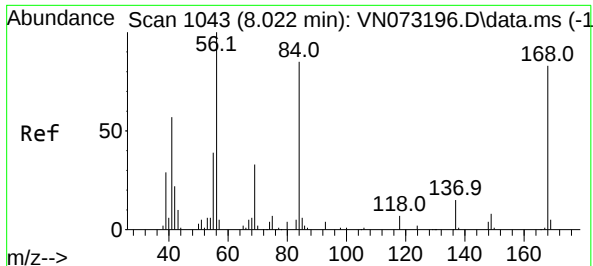
Tgt Ion: 83 Resp: 316595

Ion Ratio Lower Upper

83 100

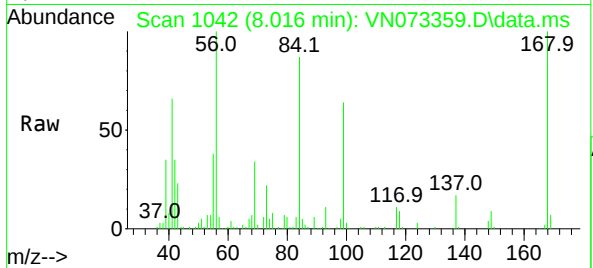
85 64.0 51.8 77.8





#31
Cyclohexane
Concen: 44.520 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.006 min
Lab File: VN073359.D
Acq: 07 Jul 2022 09:01

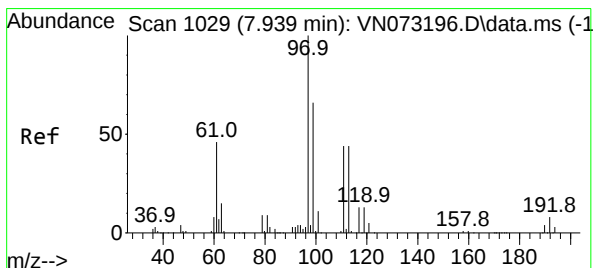
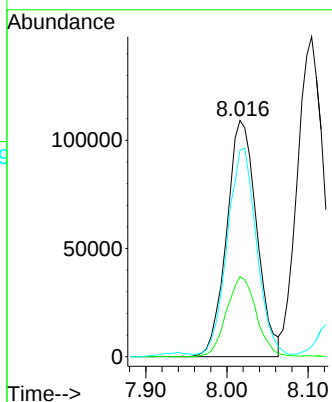
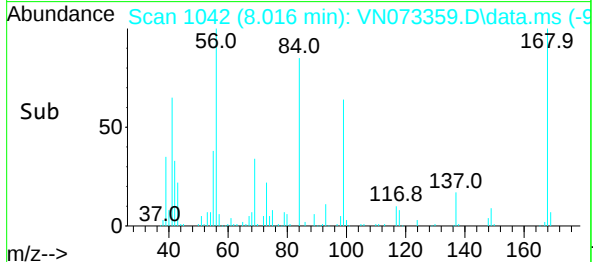
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



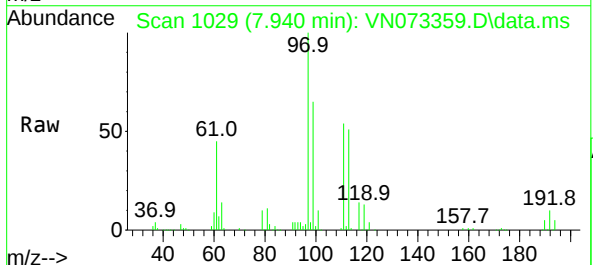
Tgt Ion: 56 Resp: 280589
Ion Ratio Lower Upper
56 100
69 33.9 27.8 41.8
84 85.6 76.9 115.3

Manual Integrations
APPROVED

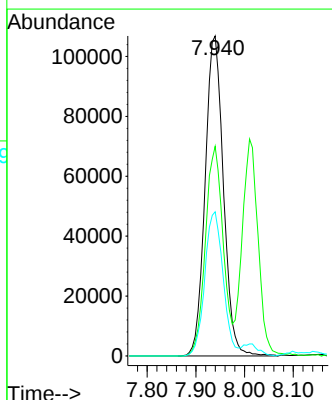
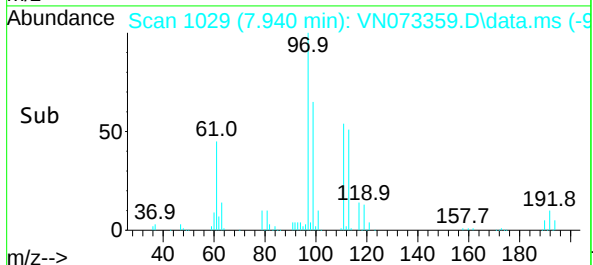
Reviewed By :John Carlone 07/08/2022
Supervised By :Mahesh Dadoda 07/08/2022

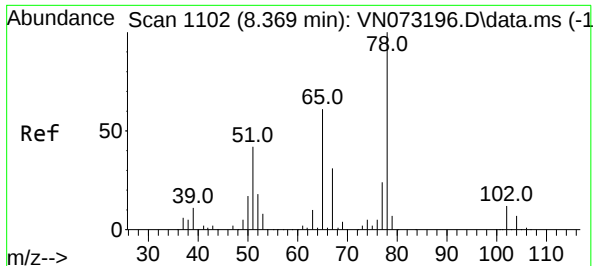


#32
1,1,1-Trichloroethane
Concen: 48.541 ug/l
RT: 7.940 min Scan# 1029
Delta R.T. 0.001 min
Lab File: VN073359.D
Acq: 07 Jul 2022 09:01



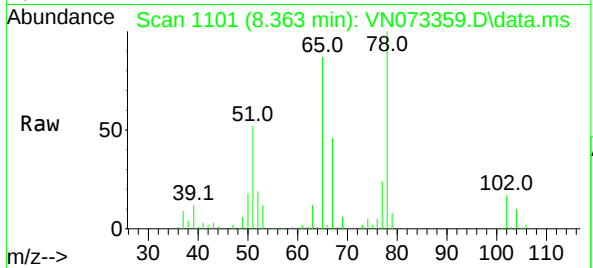
Tgt Ion: 97 Resp: 278136
Ion Ratio Lower Upper
97 100
99 63.4 50.6 76.0
61 45.2 36.0 54.0





#33
1,2-Dichloroethane-d4
Concen: 48.137 ug/l
RT: 8.363 min Scan# 1102
Delta R.T. -0.006 min
Lab File: VN073359.D
Acq: 07 Jul 2022 09:01

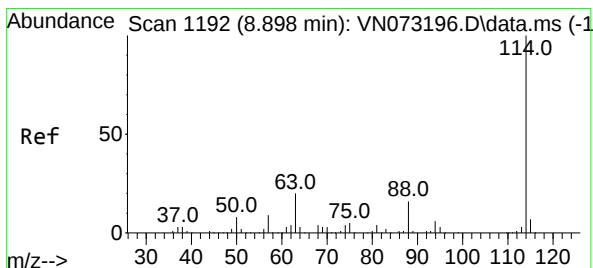
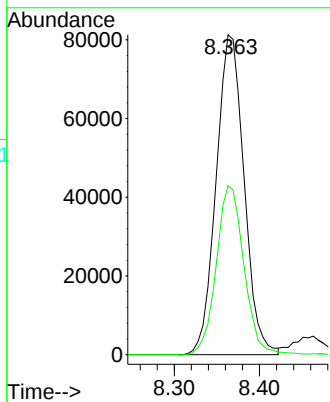
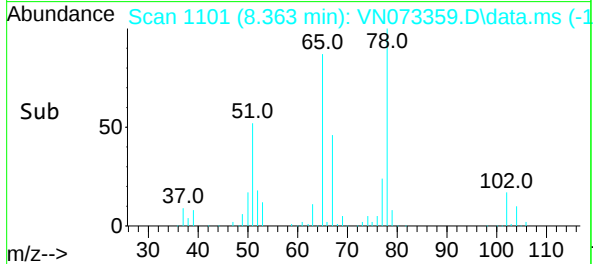
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



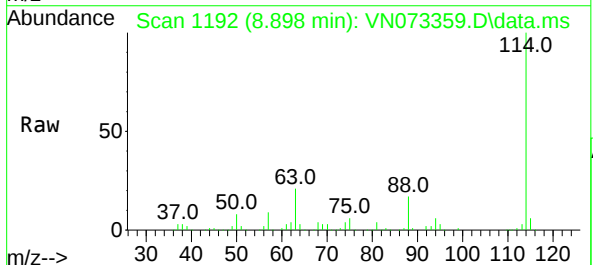
Tgt Ion: 65 Resp: 18524
Ion Ratio Lower Upper
65 100
67 52.3 0.0 104.8

Manual Integrations
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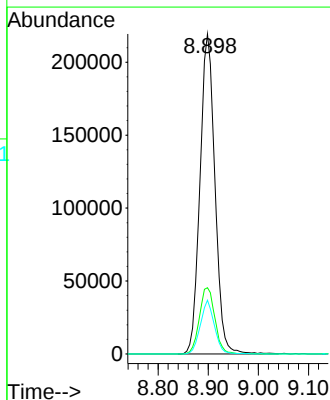
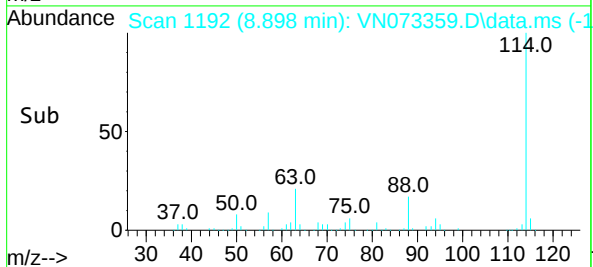
Reviewed By :John Carlone 07/08/2022
Supervised By :Mahesh Dadoda 07/08/2022



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.898 min Scan# 1192
Delta R.T. 0.000 min
Lab File: VN073359.D
Acq: 07 Jul 2022 09:01



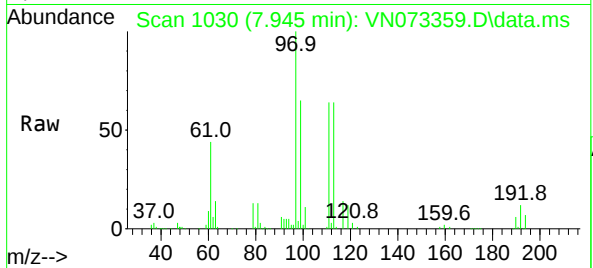
Tgt Ion:114 Resp: 455222
Ion Ratio Lower Upper
114 100
63 20.7 0.0 40.0
88 16.8 0.0 32.6





#35
Dibromofluoromethane
Concen: 50.109 ug/l
RT: 7.945 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VN073359.D
Acq: 07 Jul 2022 09:01

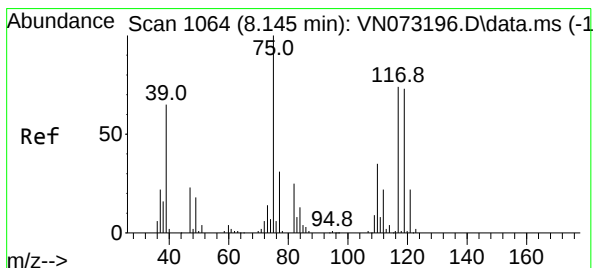
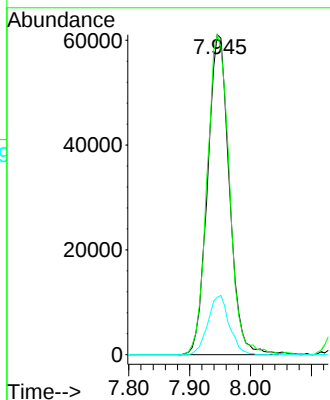
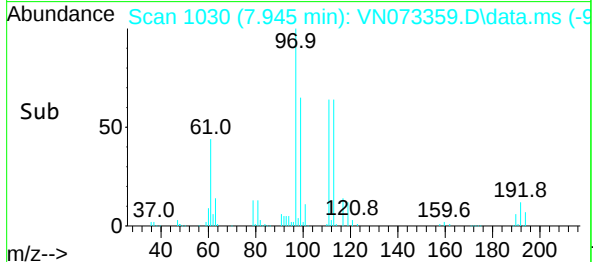
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:113 Resp: 15176
Ion Ratio Lower Upper
113 100
111 102.1 81.4 122.0
192 18.1 17.0 25.6

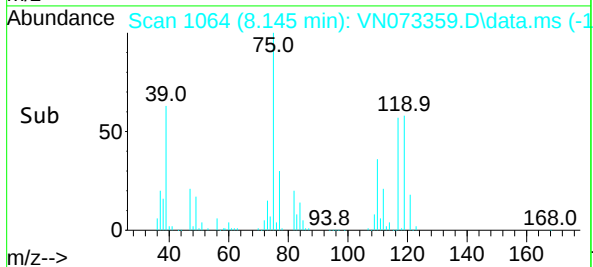
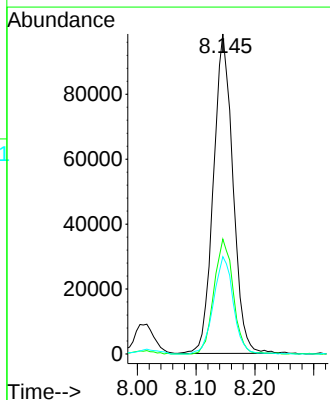
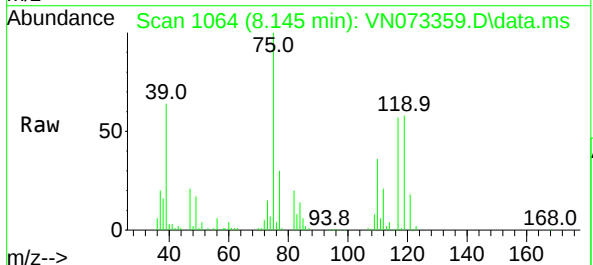
Manual Integrations
APPROVED

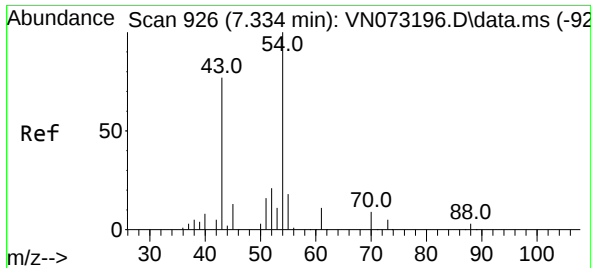
Reviewed By :John Carlone 07/08/2022
Supervised By :Mahesh Dadoda 07/08/2022



#36
1,1-Dichloropropene
Concen: 48.692 ug/l
RT: 8.145 min Scan# 1064
Delta R.T. 0.000 min
Lab File: VN073359.D
Acq: 07 Jul 2022 09:01

Tgt Ion: 75 Resp: 226913
Ion Ratio Lower Upper
75 100
110 35.5 18.3 54.8
77 30.9 25.1 37.7





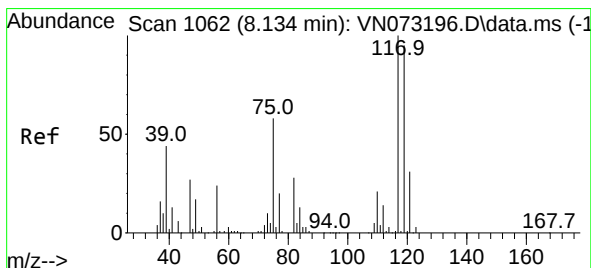
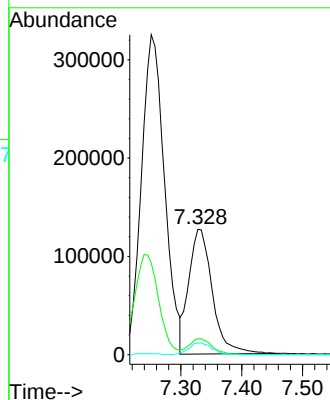
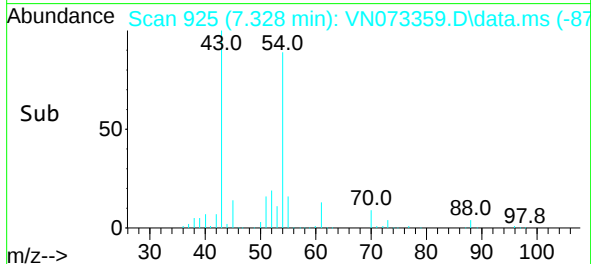
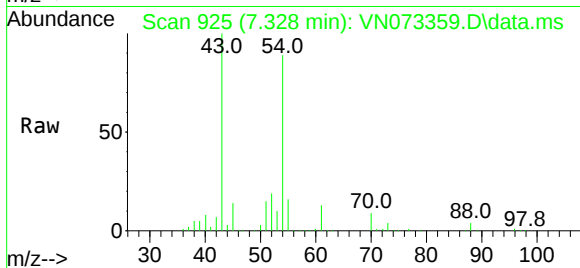
#37
Ethyl Acetate
Concen: 48.340 ug/l
RT: 7.328 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN073359.D
Acq: 07 Jul 2022 09:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 34038
Ion Ratio Lower Upper
43 100
61 12.4 11.8 17.6
70 9.3 9.3 13.9

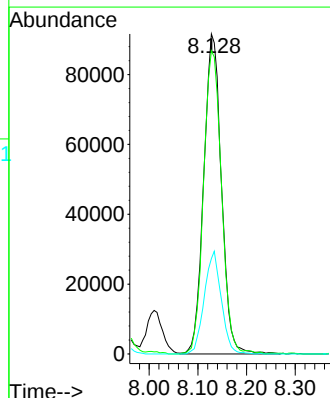
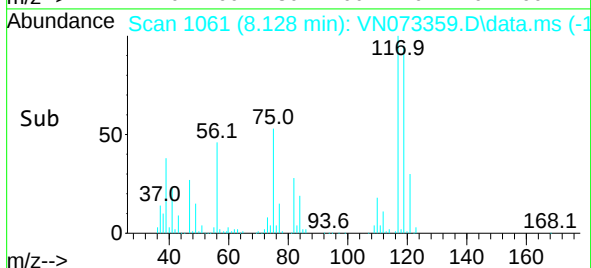
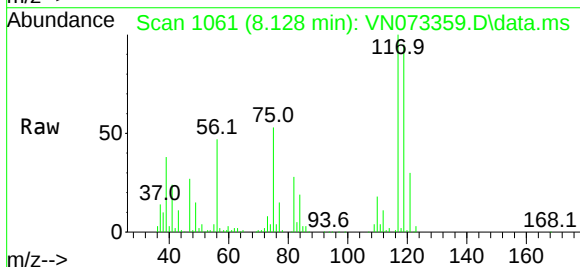
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/08/2022
Supervised By :Mahesh Dadoda 07/08/2022



#38
Carbon Tetrachloride
Concen: 47.870 ug/l
RT: 8.128 min Scan# 1061
Delta R.T. -0.006 min
Lab File: VN073359.D
Acq: 07 Jul 2022 09:01

Tgt Ion:117 Resp: 230699
Ion Ratio Lower Upper
117 100
119 94.8 75.8 113.8
121 29.8 24.6 37.0





#39

Methylcyclohexane

Concen: 48.412 ug/l

RT: 9.392 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VN073359.D

Acq: 07 Jul 2022 09:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 280880

Ion Ratio Lower Upper

83 100

55 77.7 57.8 86.8

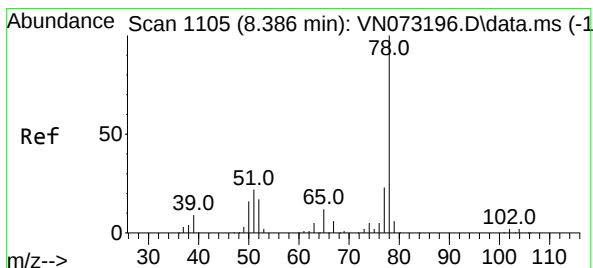
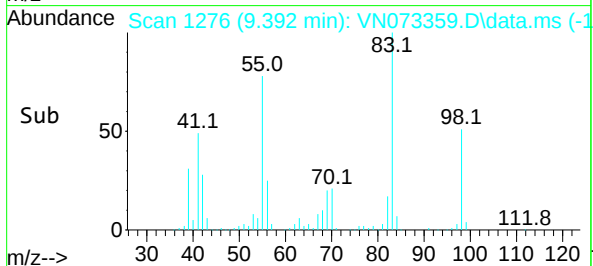
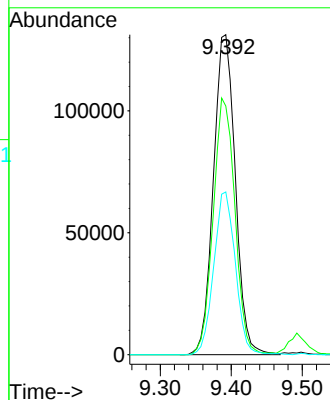
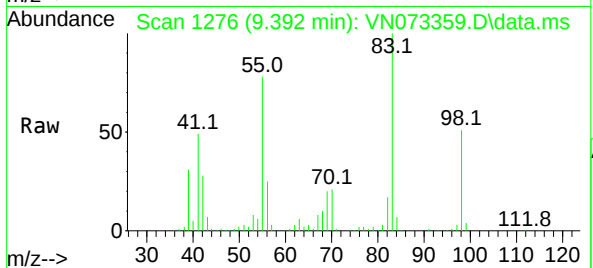
98 50.9 39.4 59.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/08/2022

Supervised By :Mahesh Dadoda 07/08/2022



#40

Benzene

Concen: 48.094 ug/l

RT: 8.387 min Scan# 1105

Delta R.T. 0.001 min

Lab File: VN073359.D

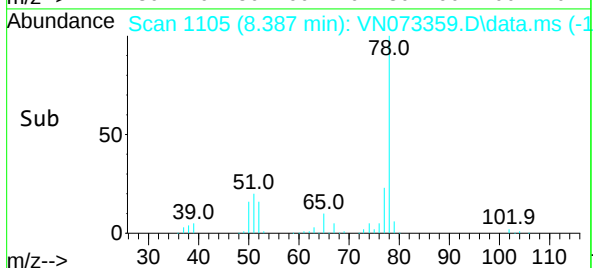
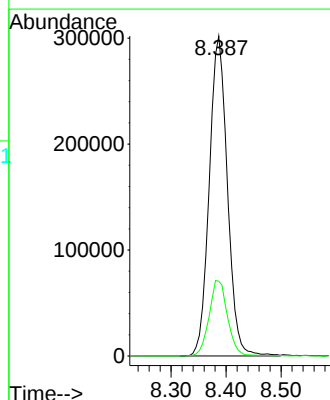
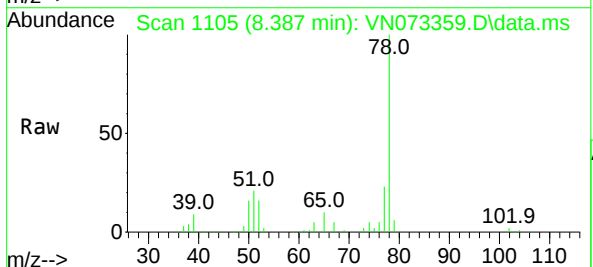
Acq: 07 Jul 2022 09:01

Tgt Ion: 78 Resp: 691699

Ion Ratio Lower Upper

78 100

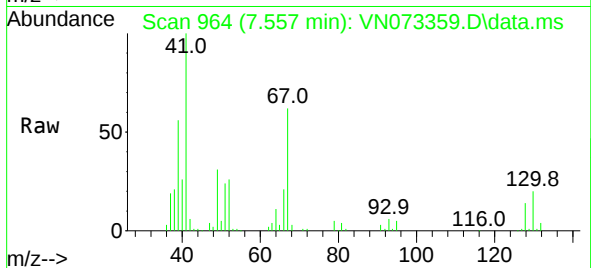
77 23.3 19.4 29.0





#41
Methacrylonitrile
Concen: 50.574 ug/l
RT: 7.557 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN073359.D
Acq: 07 Jul 2022 09:01

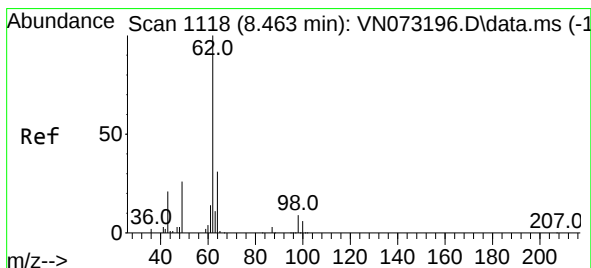
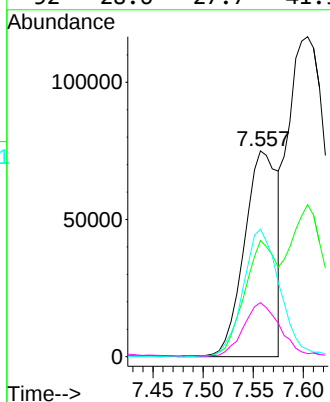
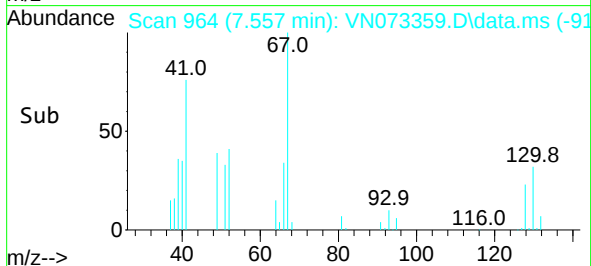
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



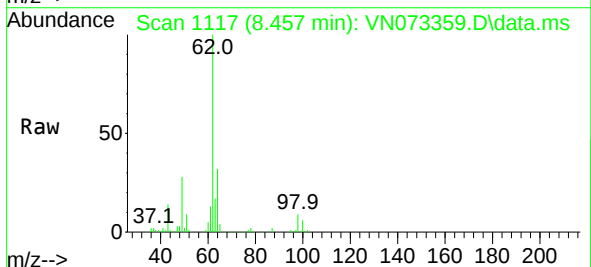
Tgt Ion: 41 Resp: 172709
Ion Ratio Lower Upper
41 100
39 54.5 48.6 73.0
67 69.3 73.4 110.2
52 28.6 27.7 41.5

Manual Integrations
APPROVED

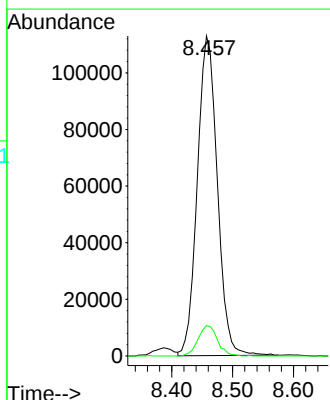
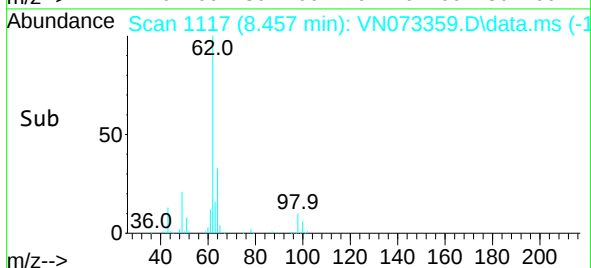
Reviewed By :John Carlone 07/08/2022
Supervised By :Mahesh Dadoda 07/08/2022



#42
1,2-Dichloroethane
Concen: 49.489 ug/l
RT: 8.457 min Scan# 1117
Delta R.T. -0.006 min
Lab File: VN073359.D
Acq: 07 Jul 2022 09:01



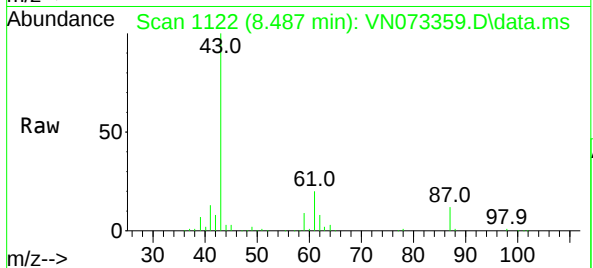
Tgt Ion: 62 Resp: 258007
Ion Ratio Lower Upper
62 100
98 9.2 0.0 19.4





#43
Isopropyl Acetate
Concen: 50.546 ug/l
RT: 8.487 min Scan# 1122
Delta R.T. -0.005 min
Lab File: VN073359.D
Acq: 07 Jul 2022 09:01

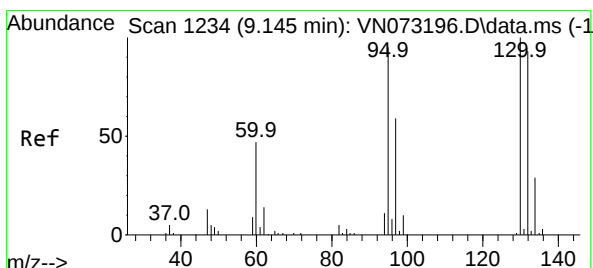
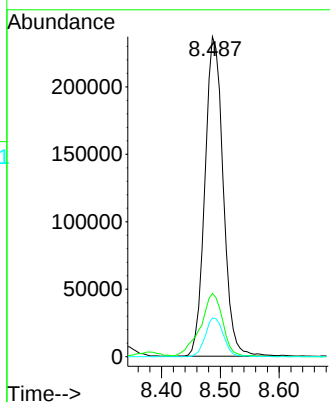
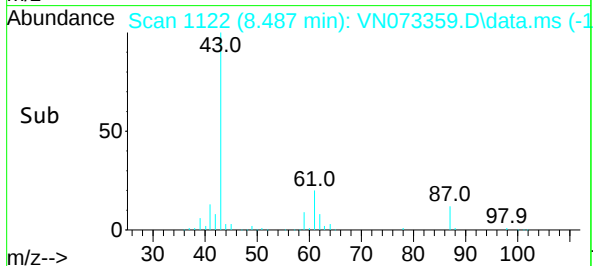
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



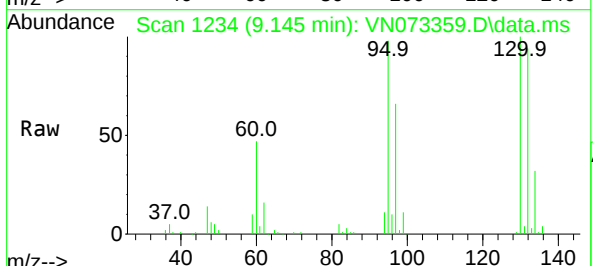
Tgt Ion: 43 Resp: 511519
Ion Ratio Lower Upper
43 100
61 24.4 21.9 32.9
87 12.1 12.0 18.0

Manual Integrations
APPROVED

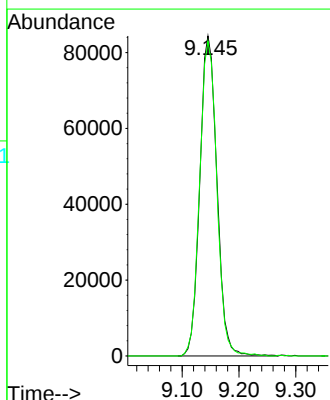
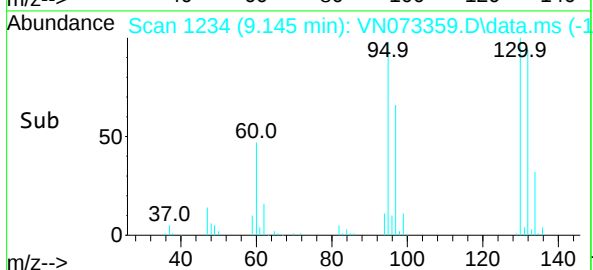
Reviewed By :John Carlone 07/08/2022
Supervised By :Mahesh Dadoda 07/08/2022



#44
Trichloroethene
Concen: 48.152 ug/l
RT: 9.145 min Scan# 1234
Delta R.T. 0.000 min
Lab File: VN073359.D
Acq: 07 Jul 2022 09:01



Tgt Ion:130 Resp: 176234
Ion Ratio Lower Upper
130 100
95 98.4 0.0 186.8





#45

1,2-Dichloropropane

Concen: 50.158 ug/l

RT: 9.422 min Scan# 1281

Delta R.T. -0.000 min

Lab File: VN073359.D

Acq: 07 Jul 2022 09:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 18386

Ion Ratio Lower Upper

63 100

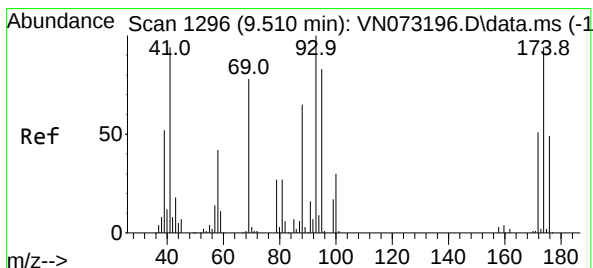
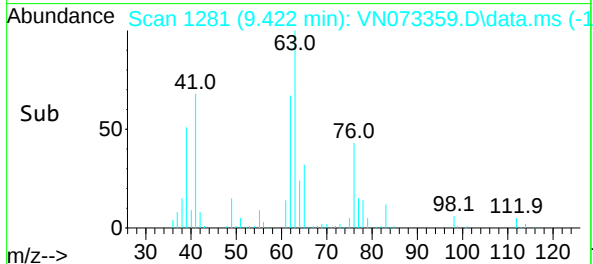
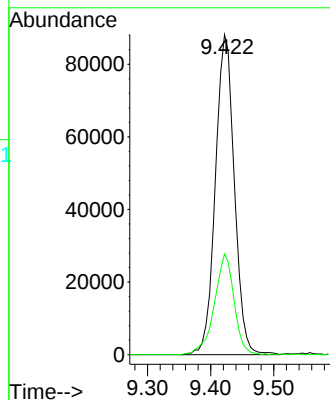
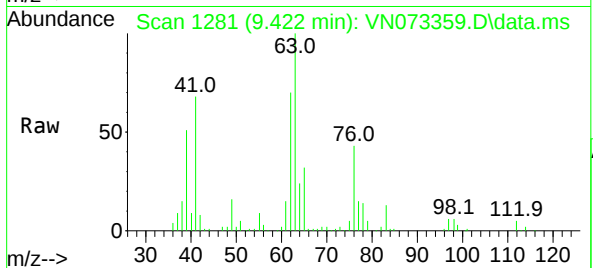
65 31.5 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/08/2022

Supervised By :Mahesh Dadoda 07/08/2022



#46

Dibromomethane

Concen: 48.781 ug/l

RT: 9.510 min Scan# 1296

Delta R.T. 0.000 min

Lab File: VN073359.D

Acq: 07 Jul 2022 09:01

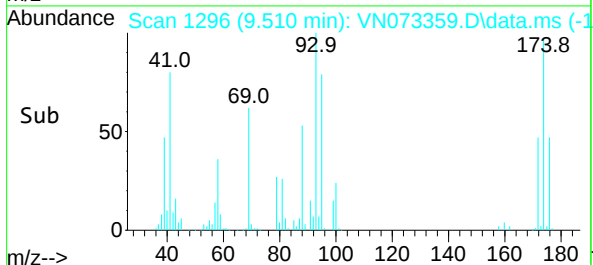
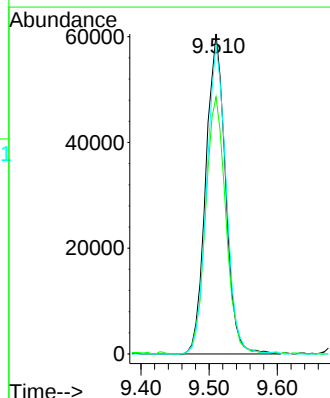
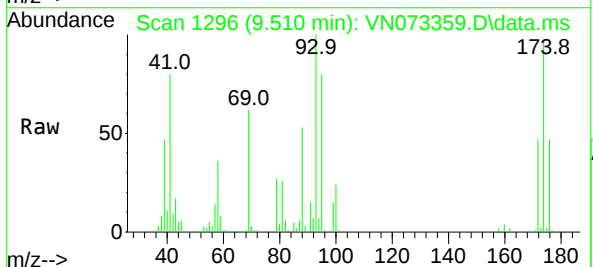
Tgt Ion: 93 Resp: 121415

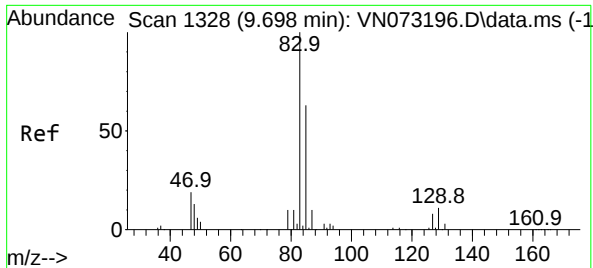
Ion Ratio Lower Upper

93 100

95 82.6 66.9 100.3

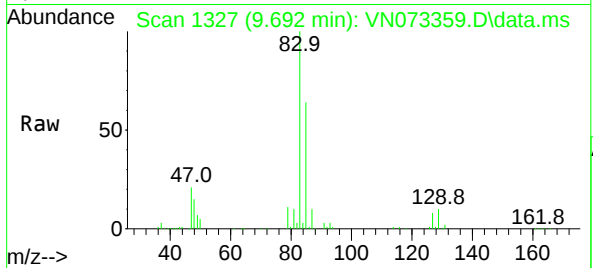
174 95.4 86.6 130.0





#47
Bromodichloromethane
Concen: 52.005 ug/l
RT: 9.692 min Scan# 1328
Delta R.T. -0.006 min
Lab File: VN073359.D
Acq: 07 Jul 2022 09:01

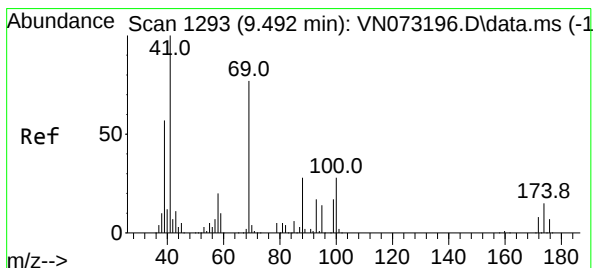
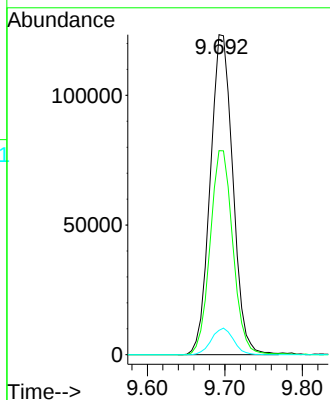
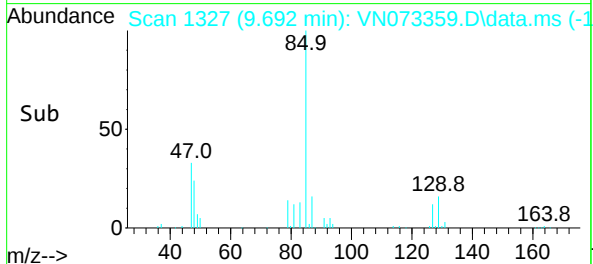
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



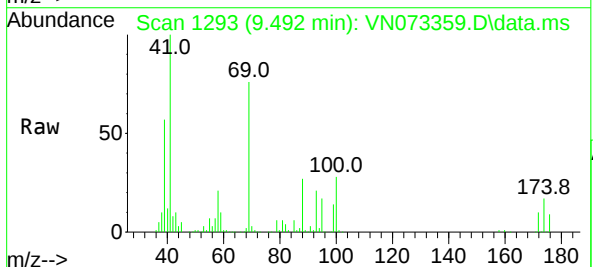
Tgt Ion: 83 Resp: 250698
Ion Ratio Lower Upper
83 100
85 63.7 50.5 75.7
127 7.6 6.8 10.2

Manual Integrations
APPROVED

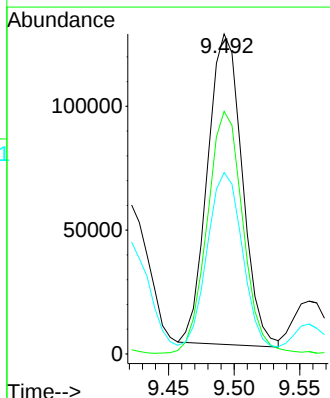
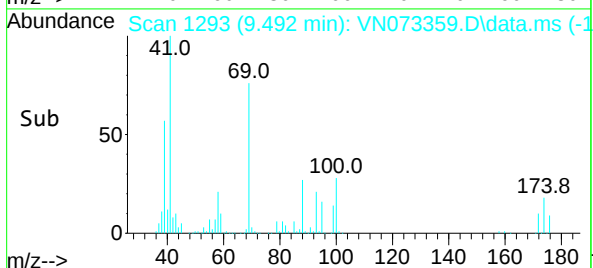
Reviewed By :John Carlone 07/08/2022
Supervised By :Mahesh Dadoda 07/08/2022

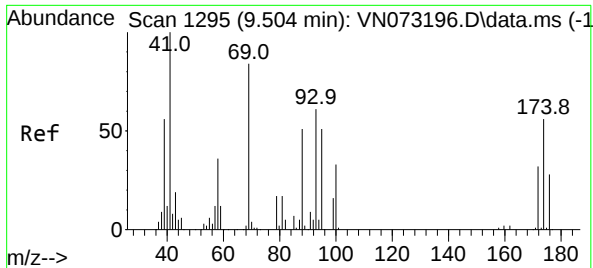


#48
Methyl methacrylate
Concen: 49.147 ug/l
RT: 9.492 min Scan# 1293
Delta R.T. 0.000 min
Lab File: VN073359.D
Acq: 07 Jul 2022 09:01



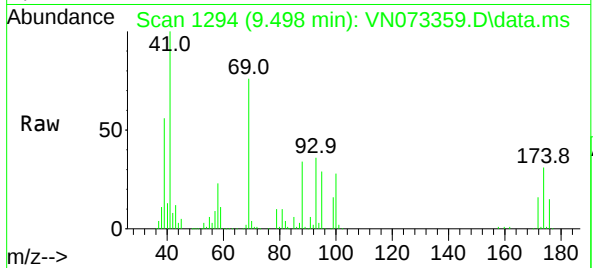
Tgt Ion: 41 Resp: 230282
Ion Ratio Lower Upper
41 100
69 80.7 74.7 112.1
39 56.4 45.6 68.4





#49
1,4-Dioxane
Concen: 970.297 ug/l
RT: 9.498 min Scan# 1294
Delta R.T. -0.006 min
Lab File: VN073359.D
Acq: 07 Jul 2022 09:01

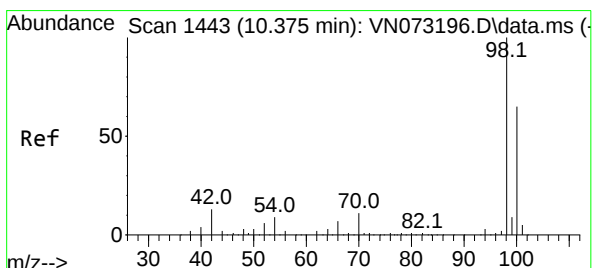
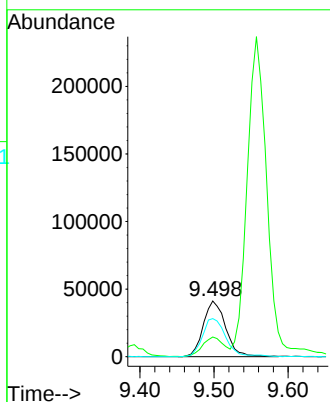
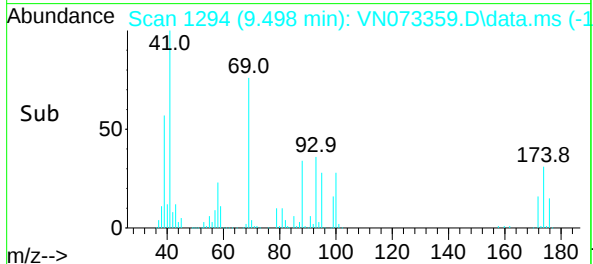
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



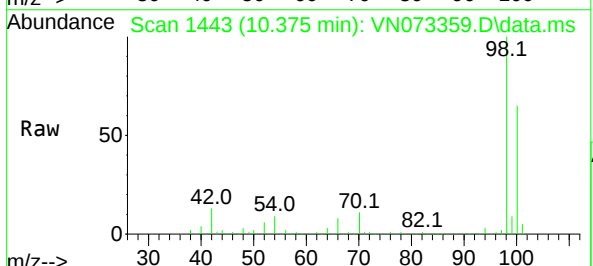
Tgt Ion: 88 Resp: 86308
Ion Ratio Lower Upper
88 100
43 34.2 20.2 30.4
58 70.2 54.2 81.4

Manual Integrations
APPROVED

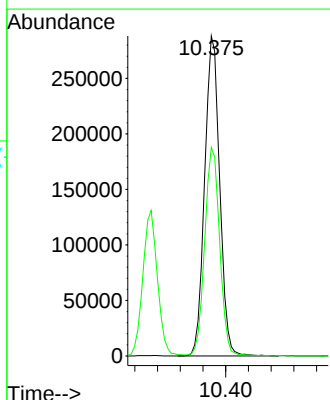
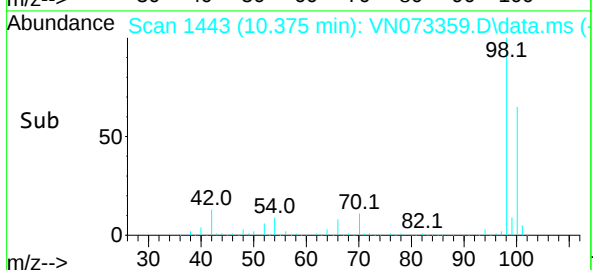
Reviewed By :John Carlone 07/08/2022
Supervised By :Mahesh Dadoda 07/08/2022

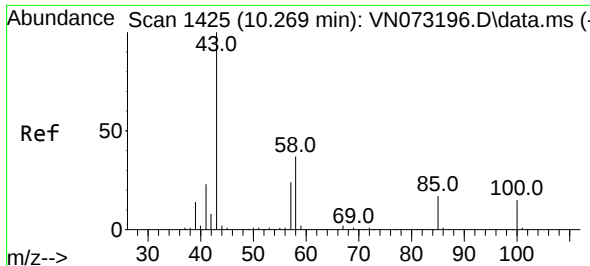


#50
Toluene-d8
Concen: 49.066 ug/l
RT: 10.375 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN073359.D
Acq: 07 Jul 2022 09:01



Tgt Ion: 98 Resp: 527789
Ion Ratio Lower Upper
98 100
100 64.9 52.6 78.8





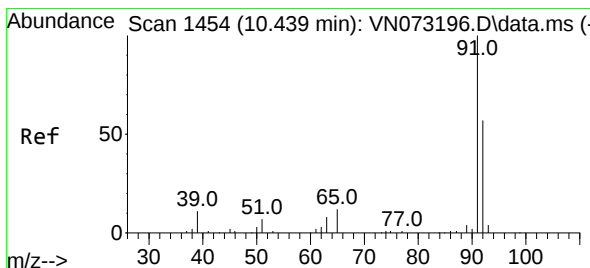
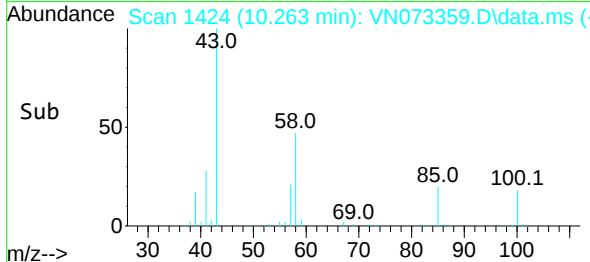
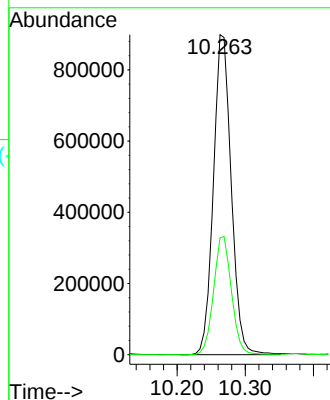
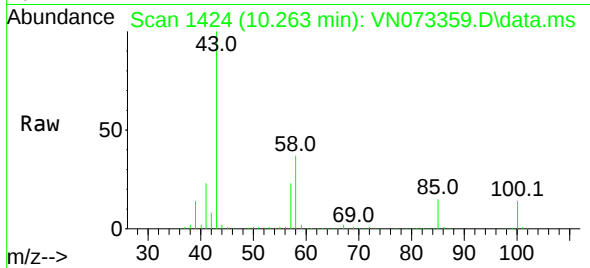
#51
4-Methyl-2-Pentanone
Concen: 255.211 ug/l
RT: 10.263 min Scan# 1424
Delta R.T. -0.006 min
Lab File: VN073359.D
Acq: 07 Jul 2022 09:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 163781
Ion Ratio Lower Upper
43 100
58 37.1 34.1 51.1

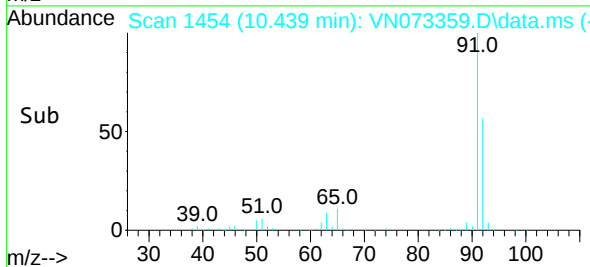
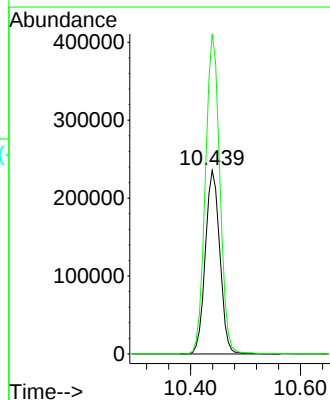
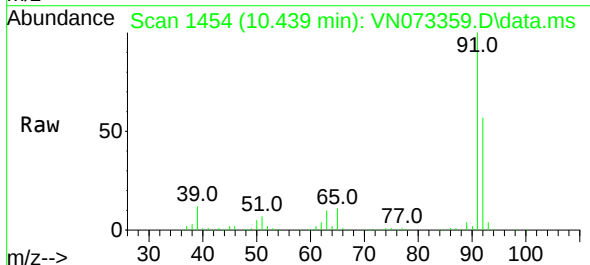
Manual Integrations
APPROVED

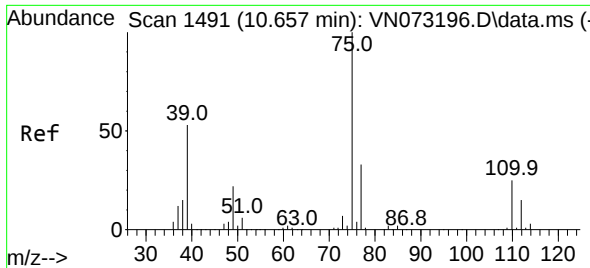
Reviewed By :John Carlone 07/08/2022
Supervised By :Mahesh Dadoda 07/08/2022



#52
Toluene
Concen: 48.580 ug/l
RT: 10.439 min Scan# 1454
Delta R.T. 0.000 min
Lab File: VN073359.D
Acq: 07 Jul 2022 09:01

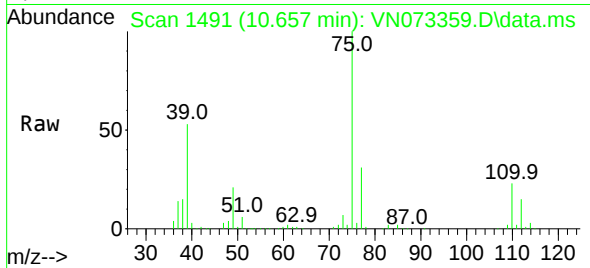
Tgt Ion: 92 Resp: 431786
Ion Ratio Lower Upper
92 100
91 173.4 138.6 207.8





#53
t-1,3-Dichloropropene
Concen: 52.577 ug/l
RT: 10.657 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VN073359.D
Acq: 07 Jul 2022 09:01

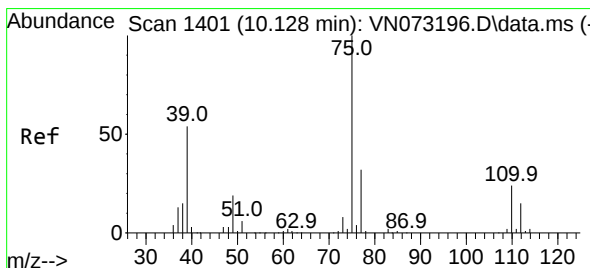
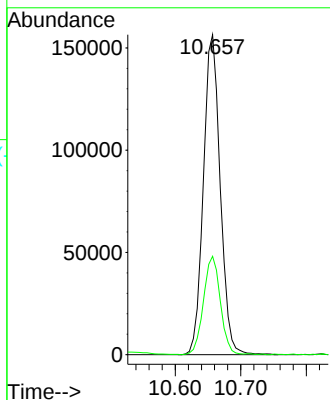
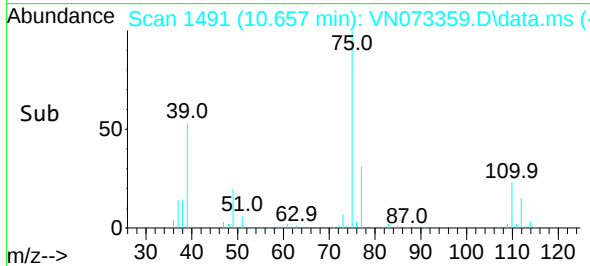
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



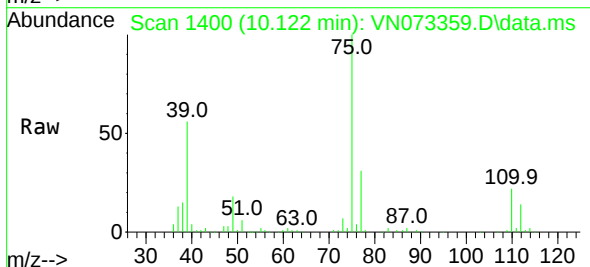
Tgt Ion: 75 Resp: 27901
Ion Ratio Lower Upper
75 100
77 30.7 25.6 38.4

Manual Integrations
APPROVED

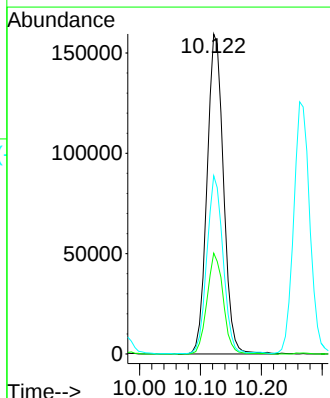
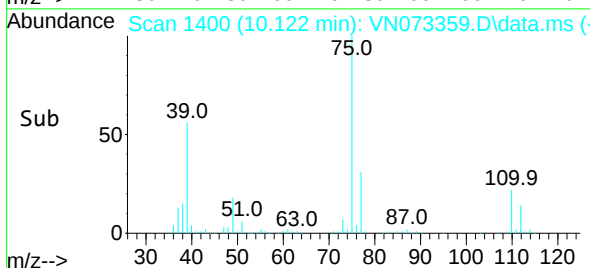
Reviewed By :John Carlone 07/08/2022
Supervised By :Mahesh Dadoda 07/08/2022

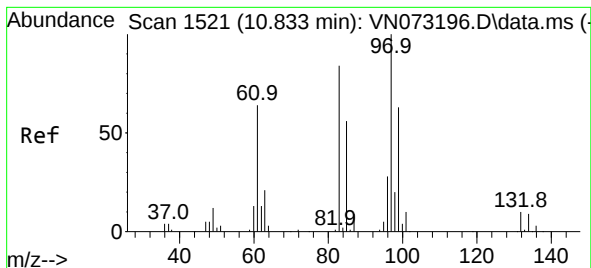


#54
cis-1,3-Dichloropropene
Concen: 52.255 ug/l
RT: 10.122 min Scan# 1400
Delta R.T. -0.006 min
Lab File: VN073359.D
Acq: 07 Jul 2022 09:01



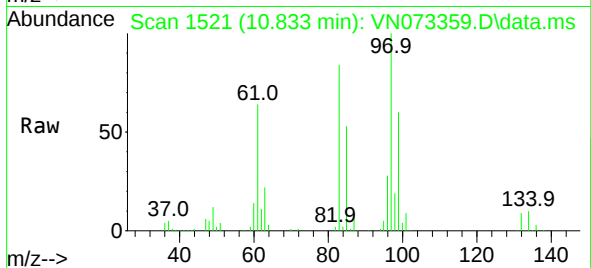
Tgt Ion: 75 Resp: 299383
Ion Ratio Lower Upper
75 100
77 31.5 25.2 37.8
39 55.6 35.7 53.5#





#55
1,1,2-Trichloroethane
Concen: 48.753 ug/l
RT: 10.833 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VN073359.D
Acq: 07 Jul 2022 09:01

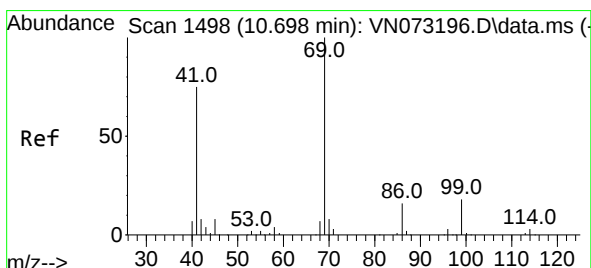
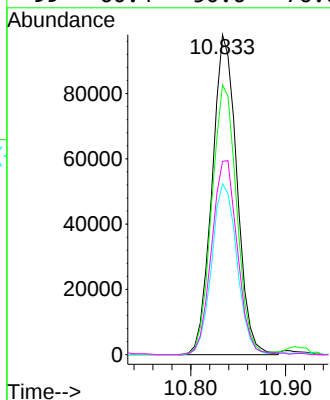
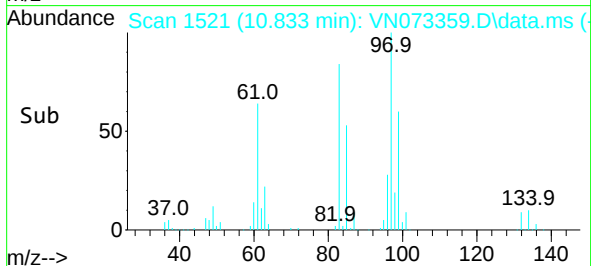
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



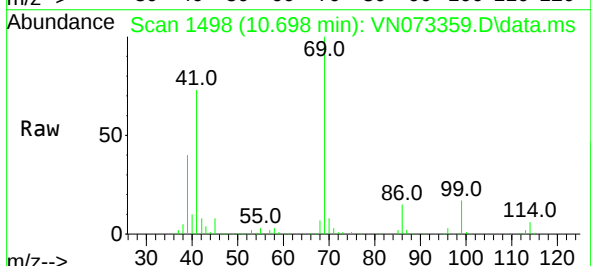
Tgt Ion: 97 Resp: 17839
Ion Ratio Lower Upper
97 100
83 84.3 66.2 99.4
85 53.4 43.9 65.9
99 60.4 50.6 76.0

Manual Integrations
APPROVED

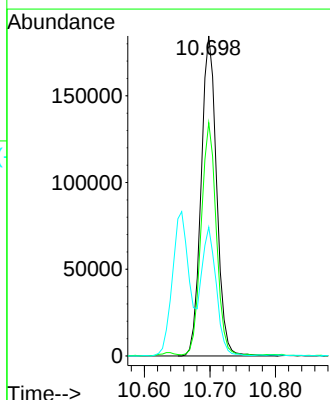
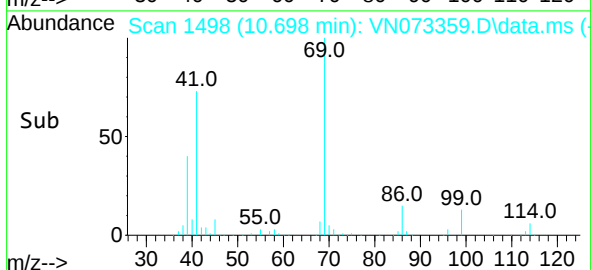
Reviewed By :John Carlone 07/08/2022
Supervised By :Mahesh Dadoda 07/08/2022



#56
Ethyl methacrylate
Concen: 51.410 ug/l
RT: 10.698 min Scan# 1498
Delta R.T. 0.000 min
Lab File: VN073359.D
Acq: 07 Jul 2022 09:01



Tgt Ion: 69 Resp: 304050
Ion Ratio Lower Upper
69 100
41 70.7 47.8 71.6
39 36.7 27.3 40.9





#57

1,3-Dichloropropane

Concen: 49.302 ug/l

RT: 10.980 min Scan# 1546

Delta R.T. 0.000 min

Lab File: VN073359.D

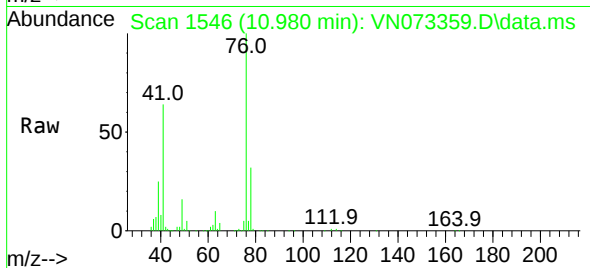
Acq: 07 Jul 2022 09:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



Tgt Ion: 76 Resp: 309250

Ion Ratio Lower Upper

76 100

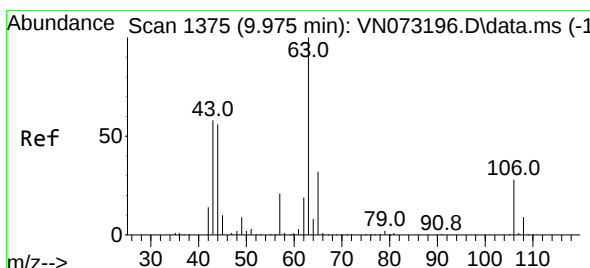
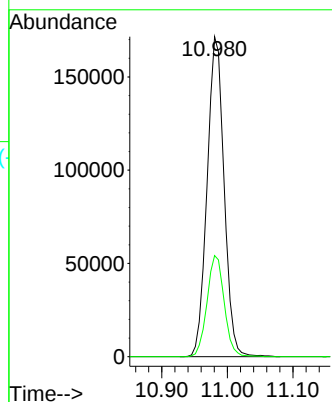
78 32.0 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/08/2022

Supervised By :Mahesh Dadoda 07/08/2022



#58

2-Chloroethyl Vinyl ether

Concen: 256.394 ug/l

RT: 9.975 min Scan# 1375

Delta R.T. -0.000 min

Lab File: VN073359.D

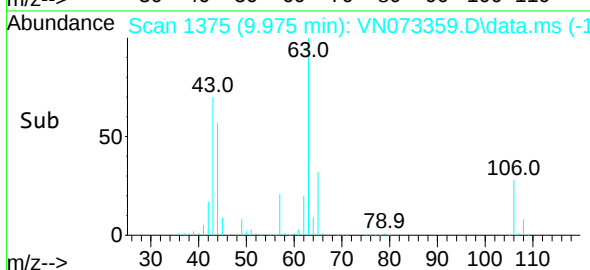
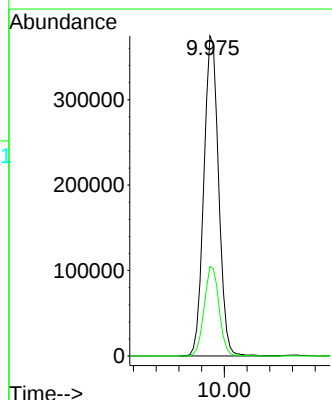
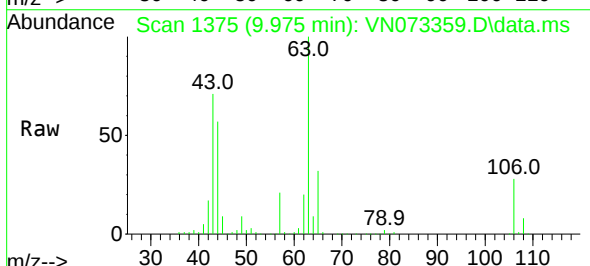
Acq: 07 Jul 2022 09:01

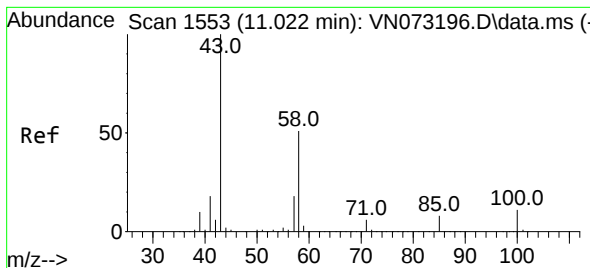
Tgt Ion: 63 Resp: 676279

Ion Ratio Lower Upper

63 100

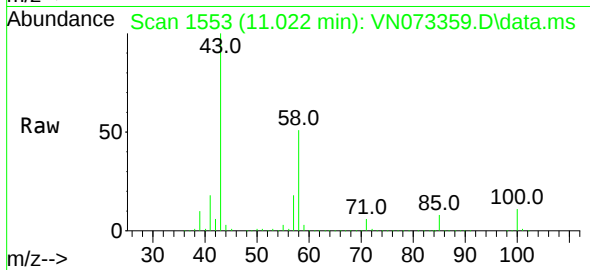
106 28.1 24.6 36.8





#59
2-Hexanone
Concen: 258.018 ug/l
RT: 11.022 min Scan# 1553
Delta R.T. -0.000 min
Lab File: VN073359.D
Acq: 07 Jul 2022 09:01

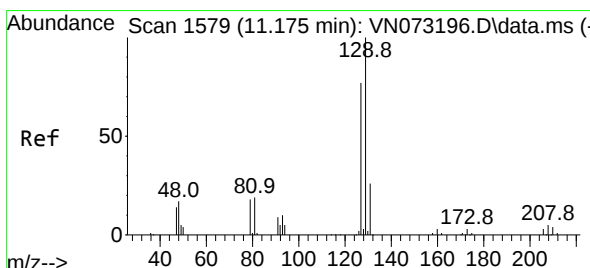
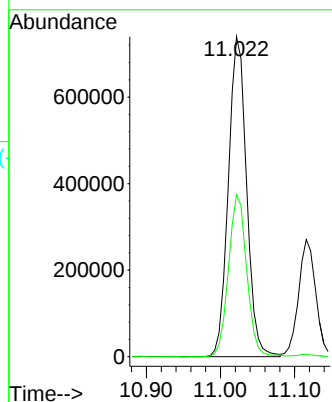
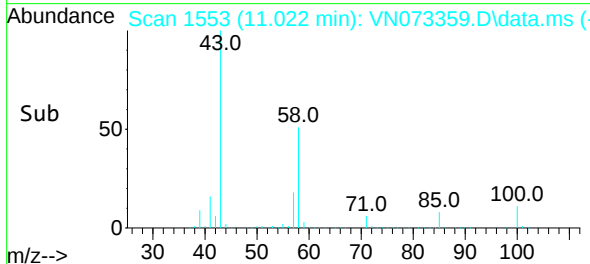
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



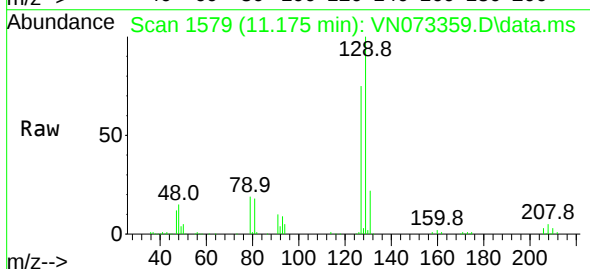
Tgt Ion: 43 Resp: 126219
Ion Ratio Lower Upper
43 100
58 50.7 29.7 89.1

Manual Integrations
APPROVED

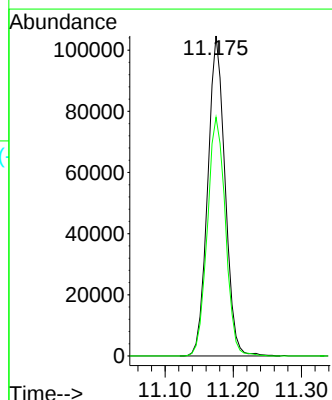
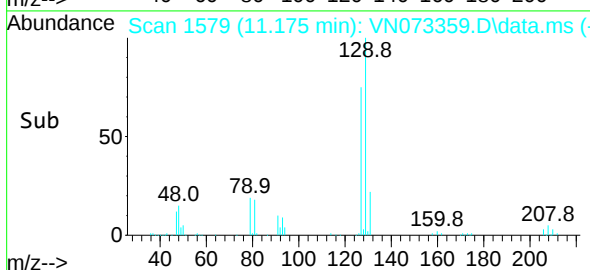
Reviewed By :John Carlone 07/08/2022
Supervised By :Mahesh Dadoda 07/08/2022

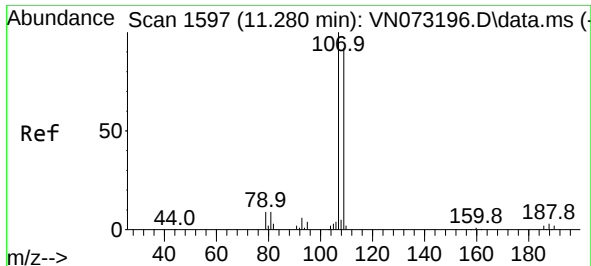


#60
Dibromochloromethane
Concen: 53.001 ug/l
RT: 11.175 min Scan# 1579
Delta R.T. -0.000 min
Lab File: VN073359.D
Acq: 07 Jul 2022 09:01



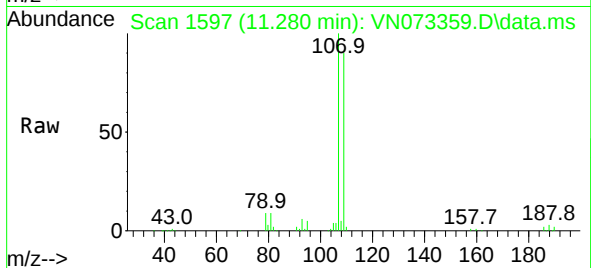
Tgt Ion:129 Resp: 184904
Ion Ratio Lower Upper
129 100
127 77.8 38.8 116.4





#61
1,2-Dibromoethane
Concen: 51.025 ug/l
RT: 11.280 min Scan# 1597
Delta R.T. 0.000 min
Lab File: VN073359.D
Acq: 07 Jul 2022 09:01

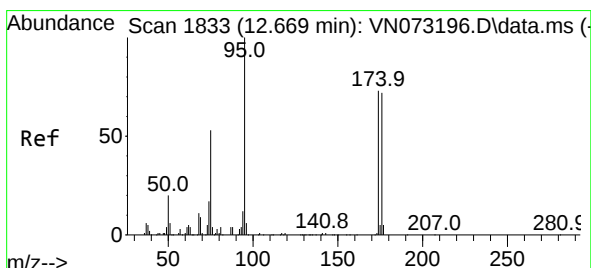
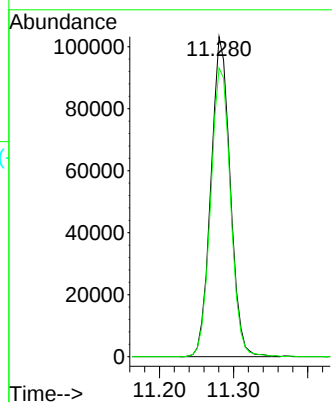
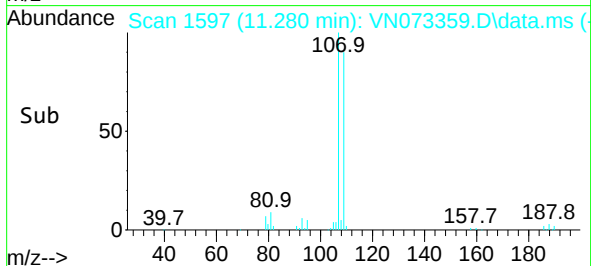
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:107 Resp: 186488
Ion Ratio Lower Upper
107 100
109 93.0 75.0 112.6

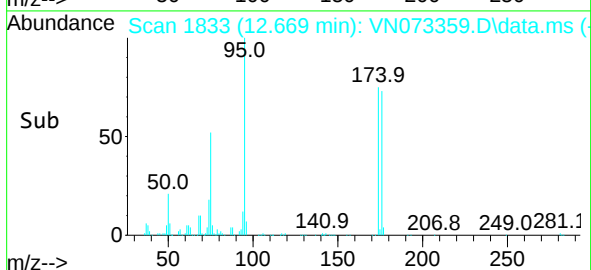
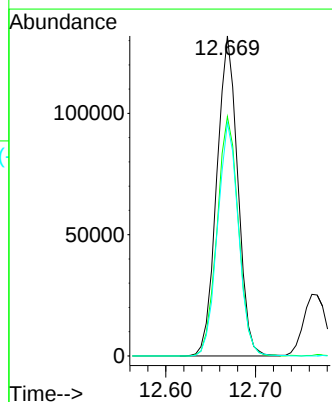
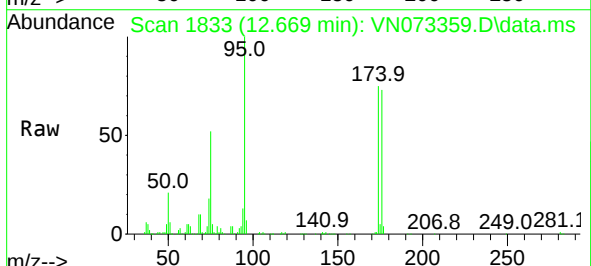
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/08/2022
Supervised By :Mahesh Dadoda 07/08/2022



#62
4-Bromofluorobenzene
Concen: 51.857 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN073359.D
Acq: 07 Jul 2022 09:01

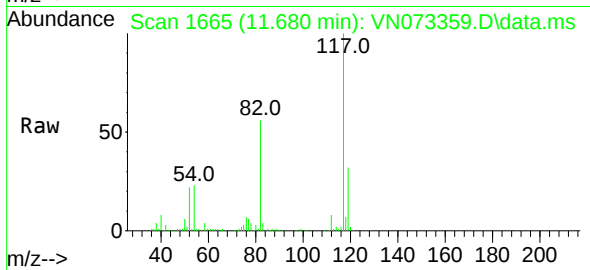
Tgt Ion: 95 Resp: 214367
Ion Ratio Lower Upper
95 100
174 75.8 0.0 167.6
176 72.5 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 1165
Delta R.T. 0.000 min
Lab File: VN073359.D
Acq: 07 Jul 2022 09:01

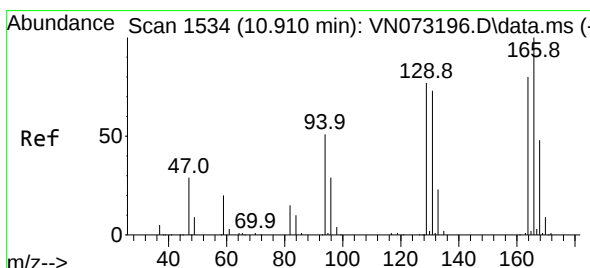
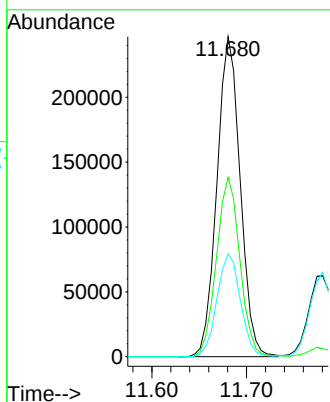
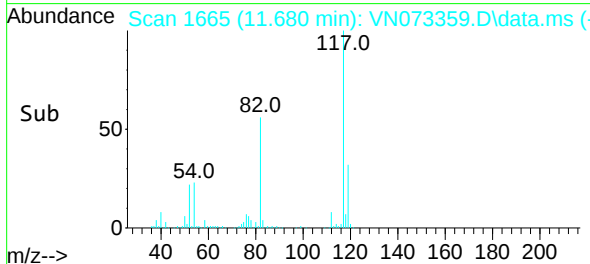
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



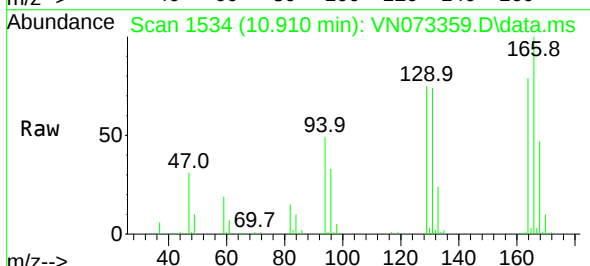
Tgt Ion:117 Resp: 421397
Ion Ratio Lower Upper
117 100
82 56.1 44.2 66.2
119 32.1 25.4 38.0

Manual Integrations
APPROVED

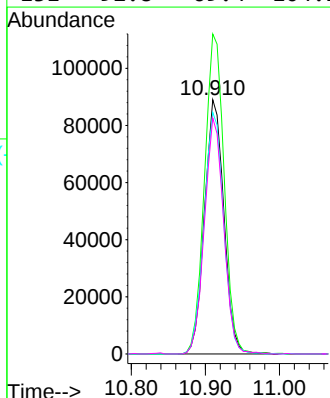
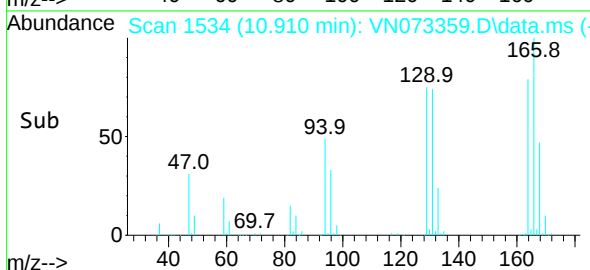
Reviewed By :John Carlone 07/08/2022
Supervised By :Mahesh Dadoda 07/08/2022

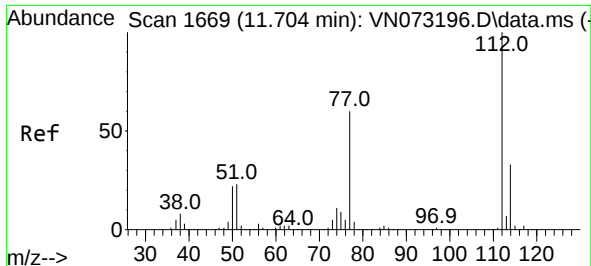


#64
Tetrachloroethene
Concen: 46.936 ug/l
RT: 10.910 min Scan# 1534
Delta R.T. -0.000 min
Lab File: VN073359.D
Acq: 07 Jul 2022 09:01



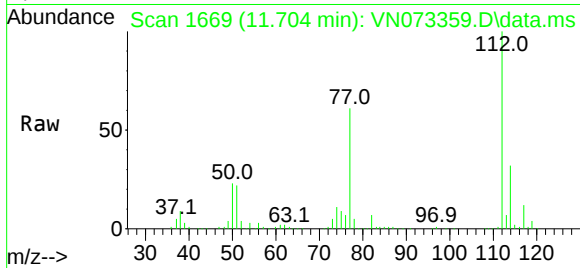
Tgt Ion:164 Resp: 161506
Ion Ratio Lower Upper
164 100
166 125.8 104.2 156.2
129 95.0 73.9 110.9
131 92.8 69.4 104.2





#65
Chlorobenzene
Concen: 48.115 ug/l
RT: 11.704 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VN073359.D
Acq: 07 Jul 2022 09:01

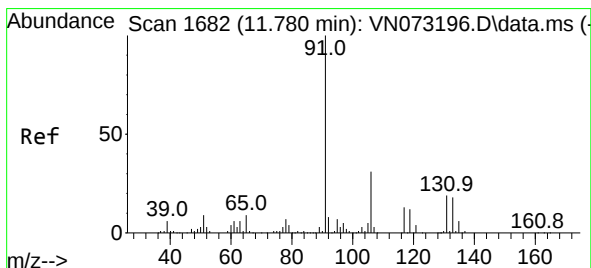
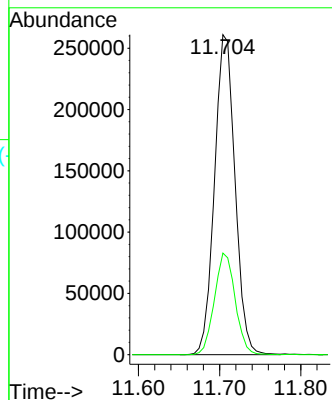
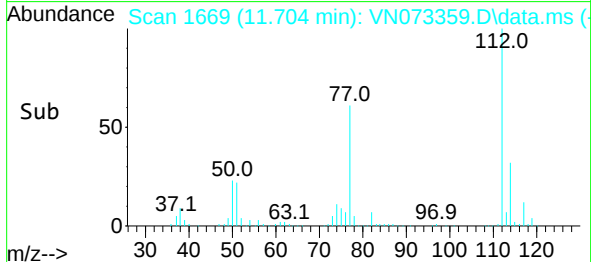
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



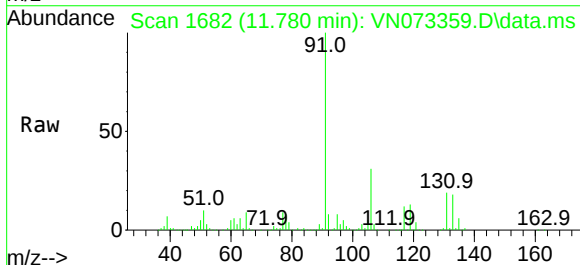
Tgt Ion:112 Resp: 45856
Ion Ratio Lower Upper
112 100
114 31.8 25.4 38.2

Manual Integrations
APPROVED

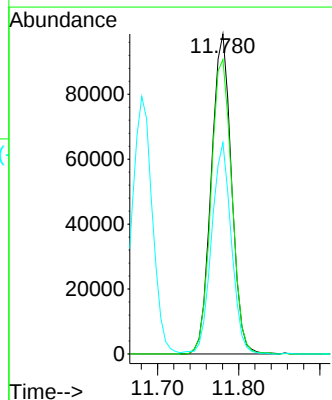
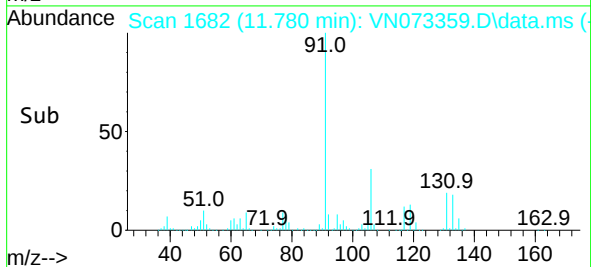
Reviewed By :John Carlone 07/08/2022
Supervised By :Mahesh Dadoda 07/08/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 48.426 ug/l
RT: 11.780 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VN073359.D
Acq: 07 Jul 2022 09:01



Tgt Ion:131 Resp: 169756
Ion Ratio Lower Upper
131 100
133 95.0 47.8 143.4
119 64.9 33.4 100.2





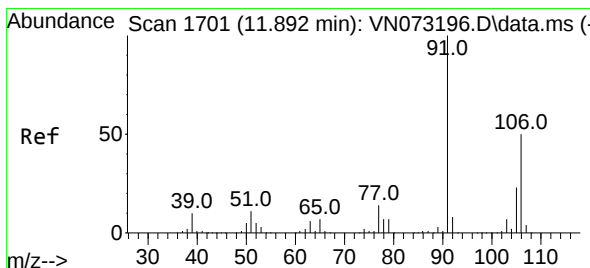
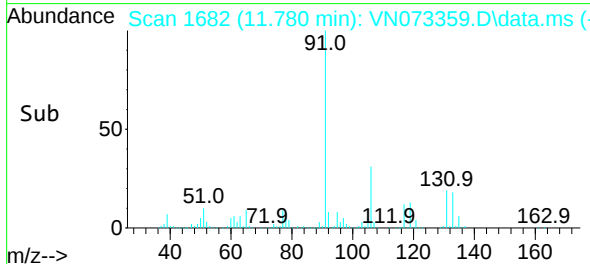
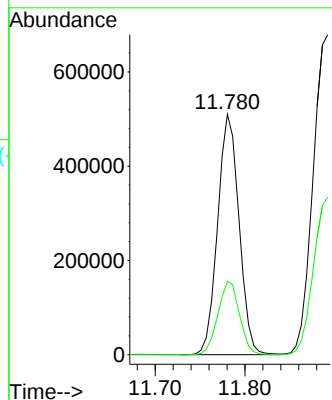
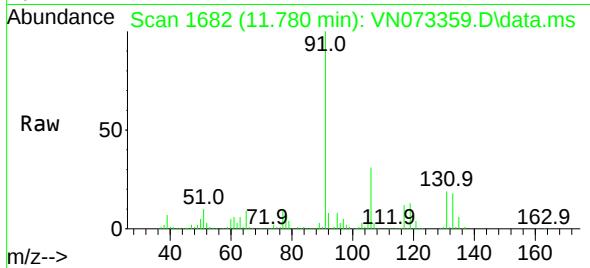
#67
Ethyl Benzene
Concen: 48.760 ug/l
RT: 11.780 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VN073359.D
Acq: 07 Jul 2022 09:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 843650
Ion Ratio Lower Upper
91 100
106 30.5 24.9 37.3

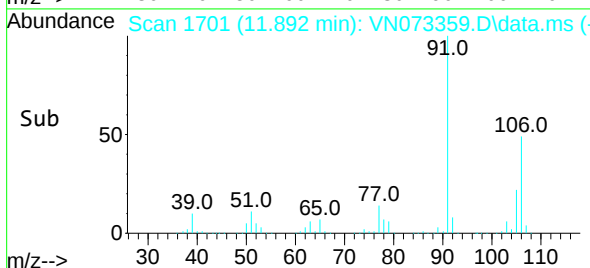
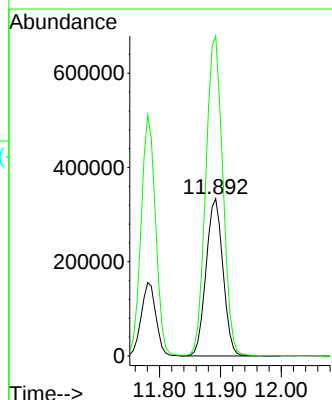
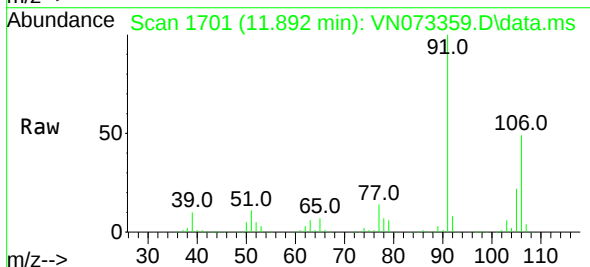
Manual Integrations
APPROVED

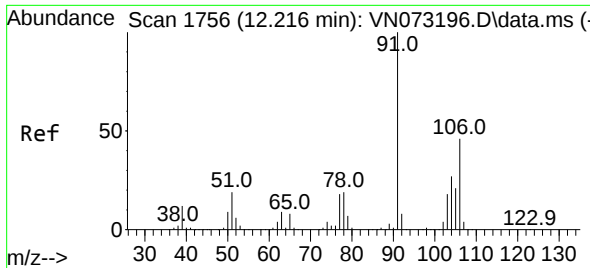
Reviewed By :John Carlone 07/08/2022
Supervised By :Mahesh Dadoda 07/08/2022



#68
m/p-Xylenes
Concen: 98.583 ug/l
RT: 11.892 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN073359.D
Acq: 07 Jul 2022 09:01

Tgt Ion:106 Resp: 643729
Ion Ratio Lower Upper
106 100
91 204.8 158.9 238.3





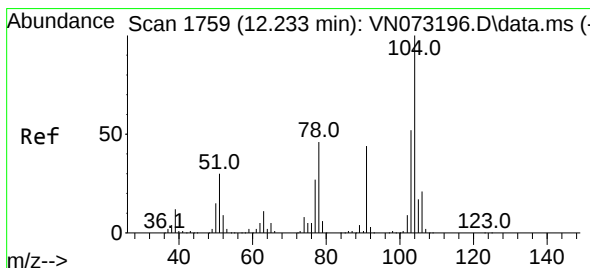
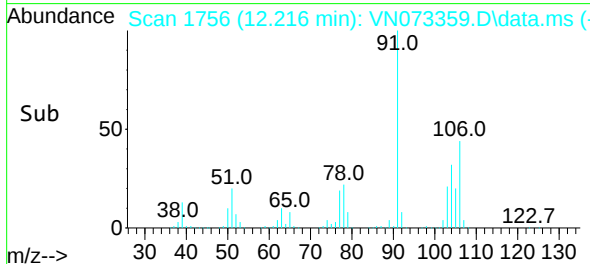
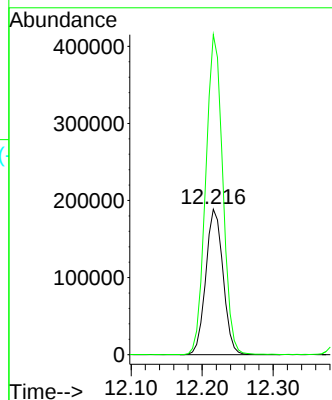
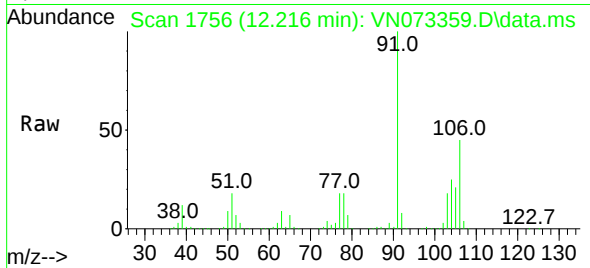
#69
o-Xylene
Concen: 47.916 ug/l
RT: 12.216 min Scan# 1756
Delta R.T. -0.000 min
Lab File: VN073359.D
Acq: 07 Jul 2022 09:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 319410
Ion Ratio Lower Upper
106 100
91 217.6 106.0 318.0

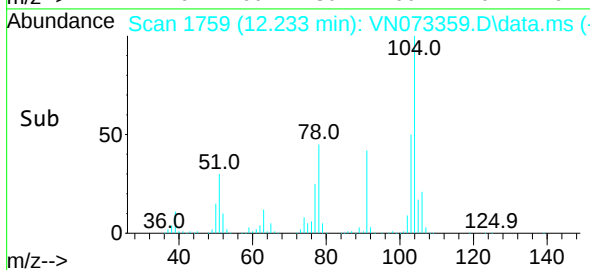
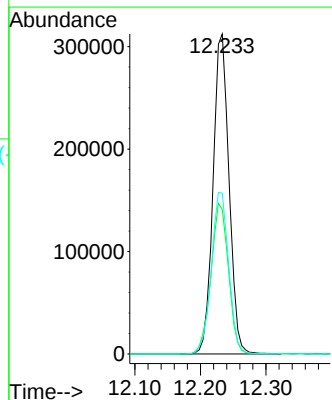
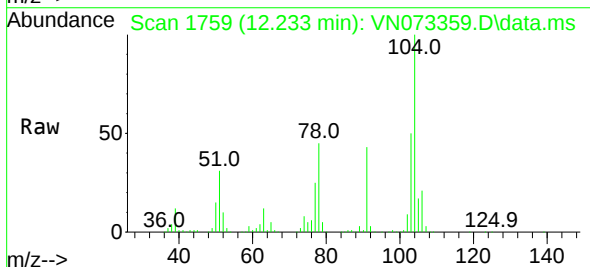
Manual Integrations
APPROVED

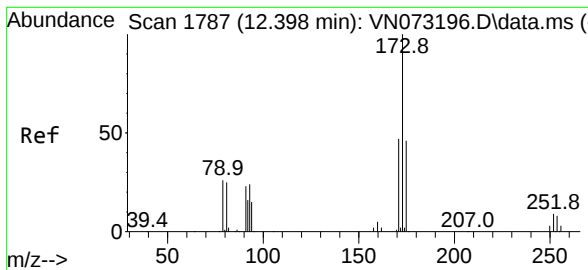
Reviewed By :John Carlone 07/08/2022
Supervised By :Mahesh Dadoda 07/08/2022



#70
Styrene
Concen: 51.284 ug/l
RT: 12.233 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN073359.D
Acq: 07 Jul 2022 09:01

Tgt Ion:104 Resp: 527804
Ion Ratio Lower Upper
104 100
78 51.4 39.5 59.3
103 54.9 44.0 66.0





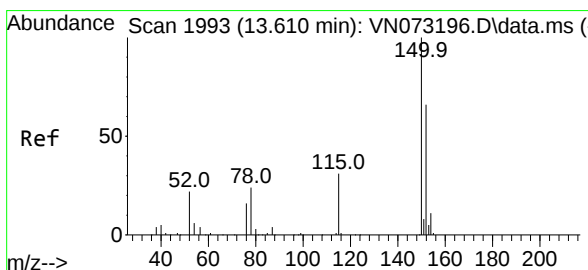
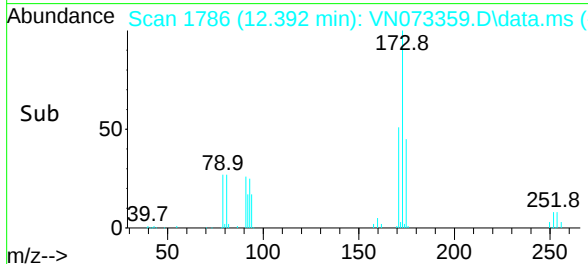
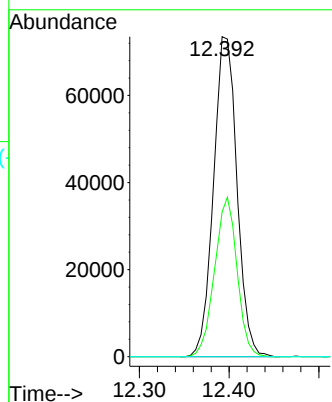
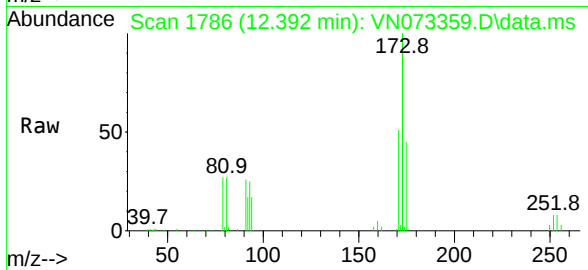
#71
Bromoform
Concen: 51.968 ug/l
RT: 12.392 min Scan# 173
Delta R.T. -0.006 min
Lab File: VN073359.D
Acq: 07 Jul 2022 09:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:173 Resp: 13330
Ion Ratio Lower Upper
173 100
175 47.7 24.6 73.6
254 0.0 0.1 0.1

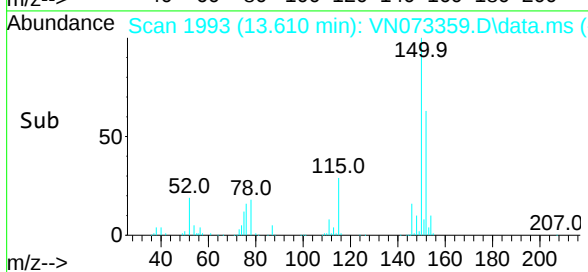
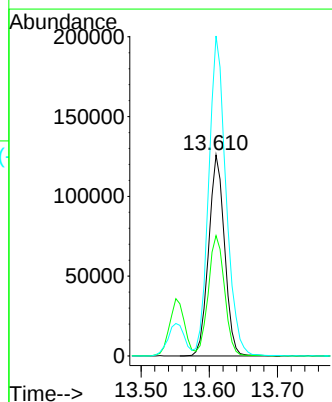
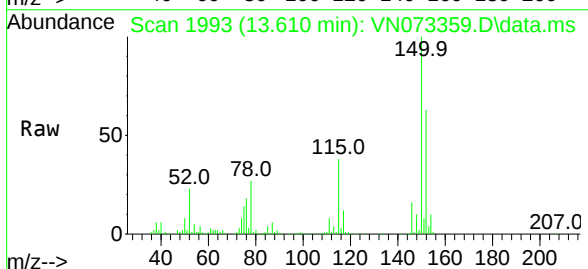
Manual Integrations
APPROVED

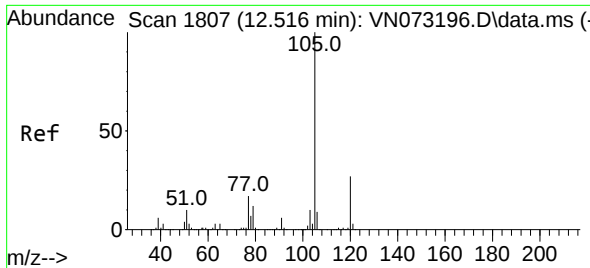
Reviewed By :John Carlone 07/08/2022
Supervised By :Mahesh Dadoda 07/08/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.610 min Scan# 1993
Delta R.T. -0.000 min
Lab File: VN073359.D
Acq: 07 Jul 2022 09:01

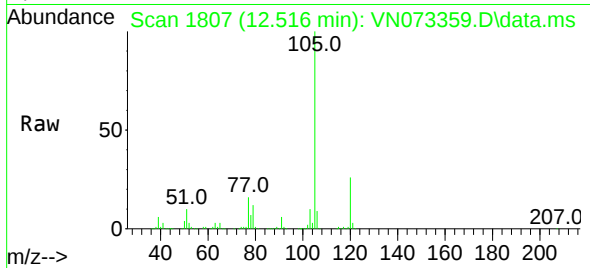
Tgt Ion:152 Resp: 204658
Ion Ratio Lower Upper
152 100
115 60.2 28.9 86.7
150 173.1 0.0 356.2





#73
Isopropylbenzene
Concen: 47.732 ug/l
RT: 12.516 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VN073359.D
Acq: 07 Jul 2022 09:01

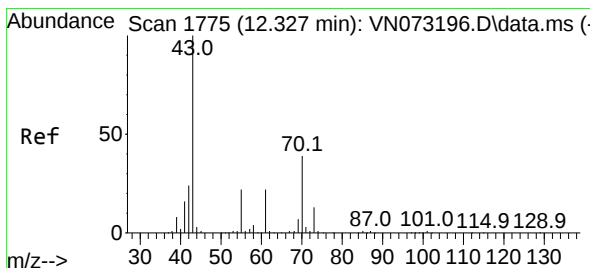
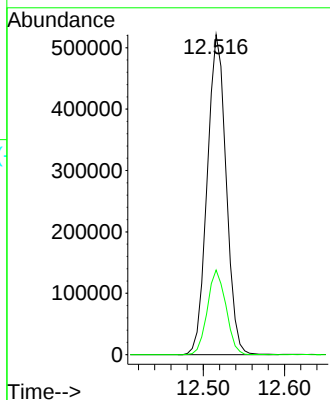
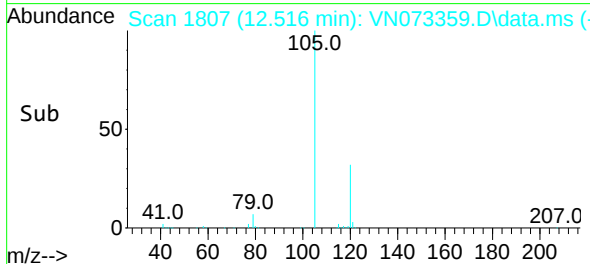
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:105 Resp: 84356
Ion Ratio Lower Upper
105 100
120 26.0 13.5 40.4

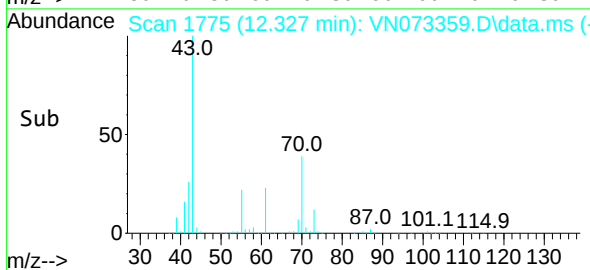
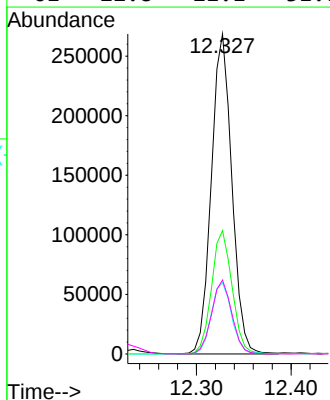
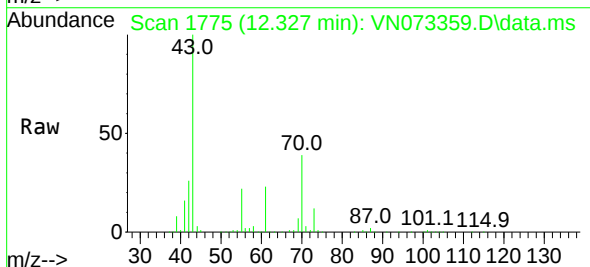
Manual Integrations
APPROVED

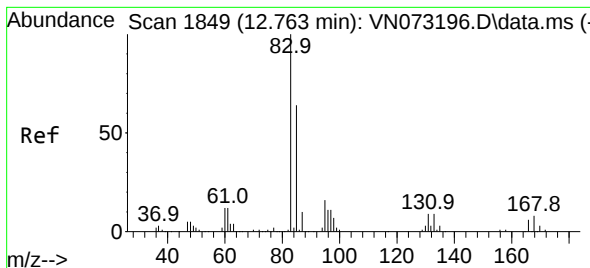
Reviewed By :John Carlone 07/08/2022
Supervised By :Mahesh Dadoda 07/08/2022



#74
N-ethyl acetate
Concen: 45.642 ug/l
RT: 12.327 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN073359.D
Acq: 07 Jul 2022 09:01

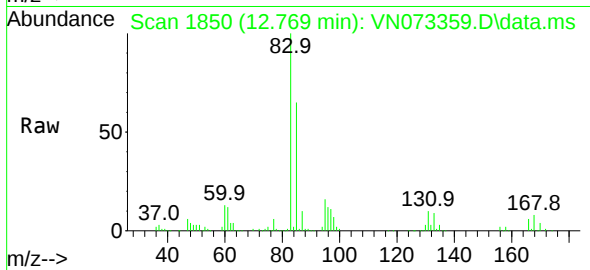
Tgt Ion: 43 Resp: 403903
Ion Ratio Lower Upper
43 100
70 38.6 39.0 58.4#
55 22.4 21.1 31.7
61 22.8 21.1 31.7





#75
1,1,2,2-Tetrachloroethane
Concen: 46.703 ug/l
RT: 12.769 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN073359.D
Acq: 07 Jul 2022 09:01

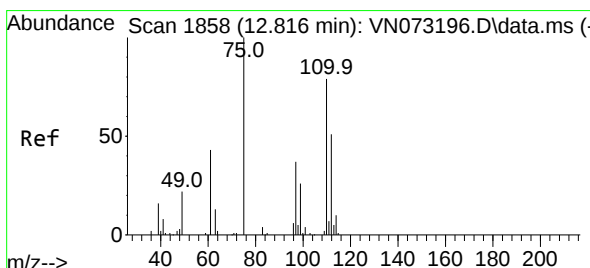
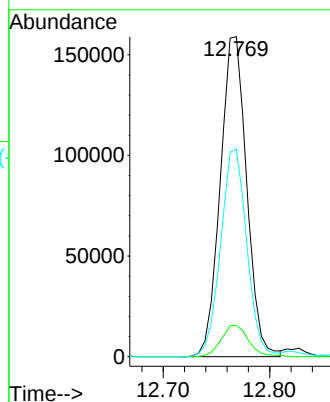
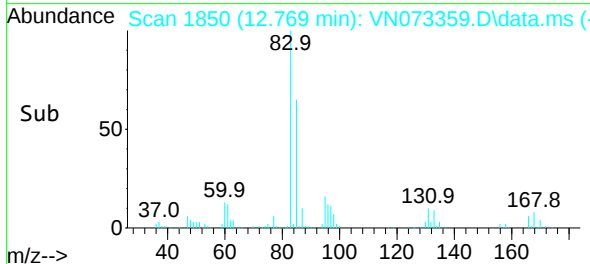
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 273894
Ion Ratio Lower Upper
83 100
131 10.2 5.3 15.9
85 64.4 32.3 96.9

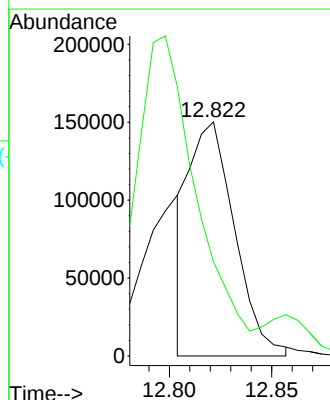
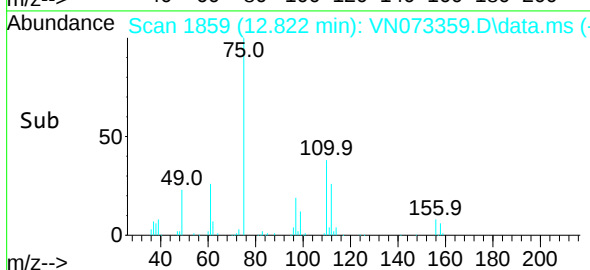
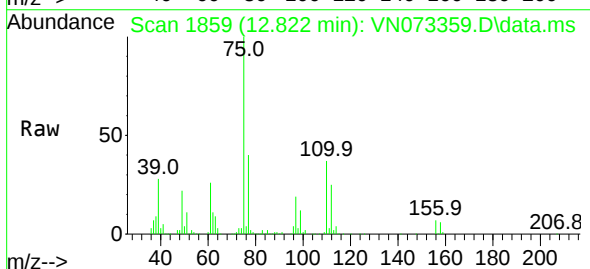
Manual Integrations
APPROVED

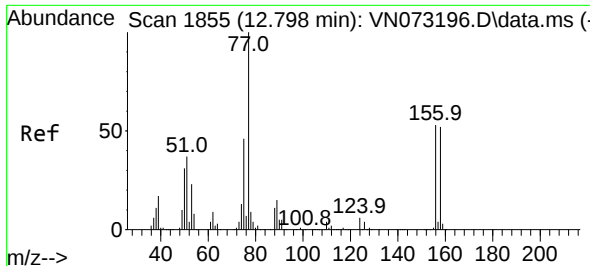
Reviewed By :John Carlone 07/08/2022
Supervised By :Mahesh Dadoda 07/08/2022



#76
1,2,3-Trichloropropane
Concen: 43.485 ug/l m
RT: 12.822 min Scan# 1859
Delta R.T. 0.006 min
Lab File: VN073359.D
Acq: 07 Jul 2022 09:01

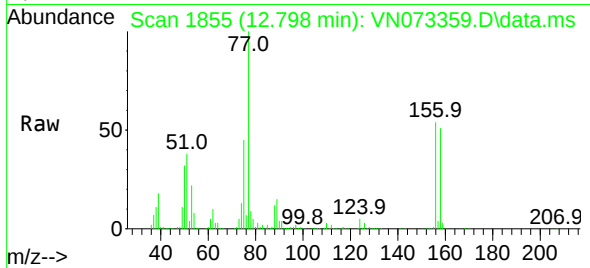
Tgt Ion: 75 Resp: 232703
Ion Ratio Lower Upper
75 100
77 0.0 98.5 295.5#





#77
Bromobenzene
Concen: 46.222 ug/l
RT: 12.798 min Scan# 1855
Delta R.T. 0.000 min
Lab File: VN073359.D
Acq: 07 Jul 2022 09:01

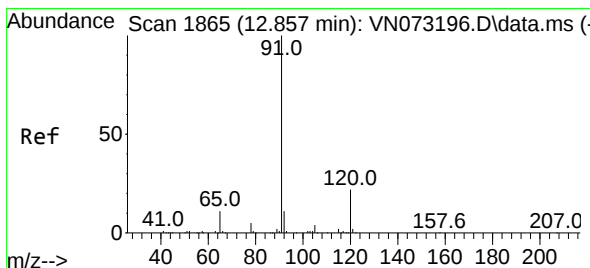
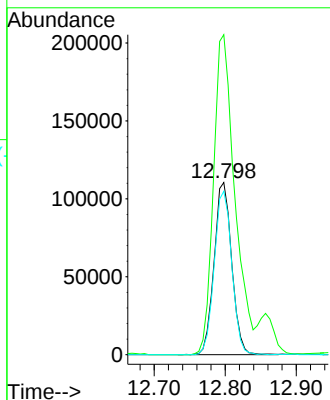
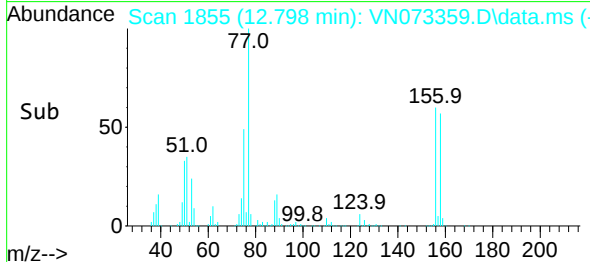
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



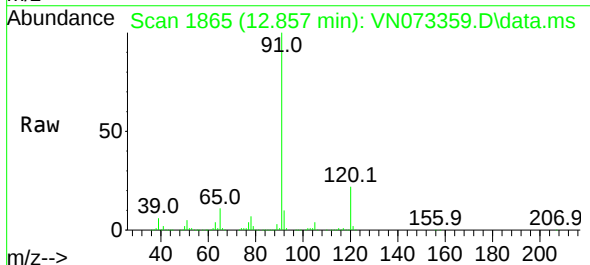
Tgt Ion:156 Resp: 18992
Ion Ratio Lower Upper
156 100
77 224.0 100.5 301.5
158 94.7 48.9 146.6

Manual Integrations
APPROVED

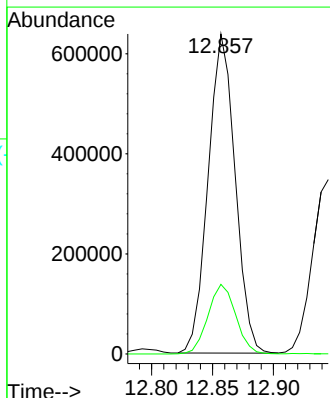
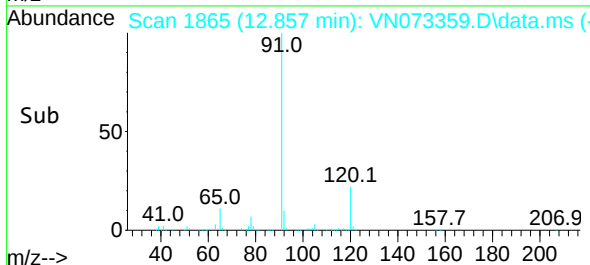
Reviewed By :John Carlone 07/08/2022
Supervised By :Mahesh Dadoda 07/08/2022

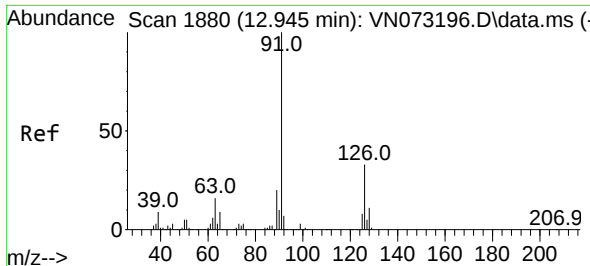


#78
n-propylbenzene
Concen: 50.209 ug/l
RT: 12.857 min Scan# 1865
Delta R.T. -0.000 min
Lab File: VN073359.D
Acq: 07 Jul 2022 09:01



Tgt Ion: 91 Resp: 985769
Ion Ratio Lower Upper
91 100
120 22.4 11.9 35.5





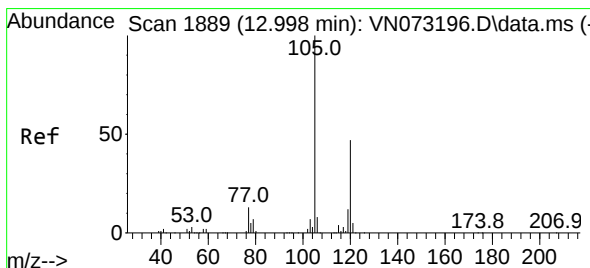
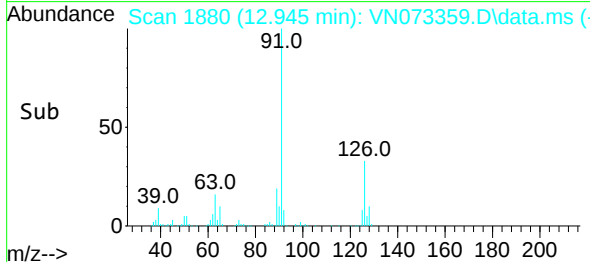
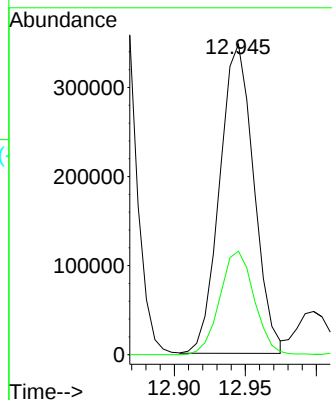
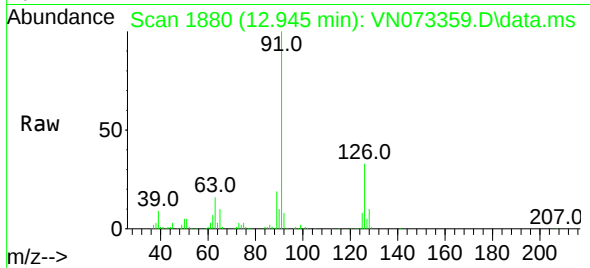
#79
2-Chlorotoluene
Concen: 46.774 ug/l
RT: 12.945 min Scan# 1880
Delta R.T. 0.000 min
Lab File: VN073359.D
Acq: 07 Jul 2022 09:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 58121
Ion Ratio Lower Upper
91 100
126 33.7 17.3 51.9

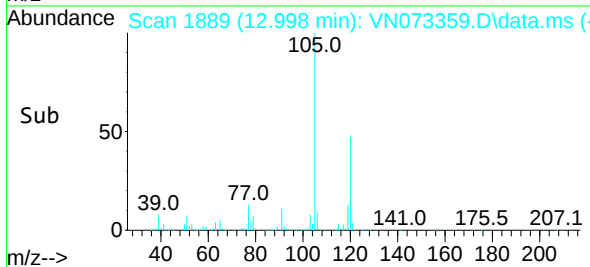
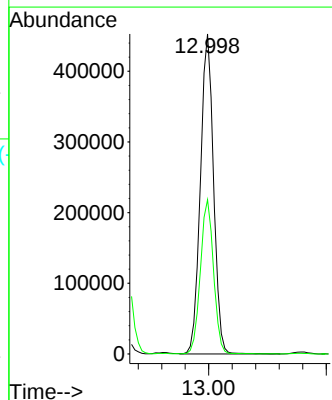
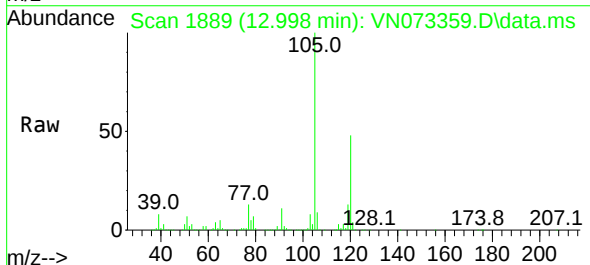
Manual Integrations
APPROVED

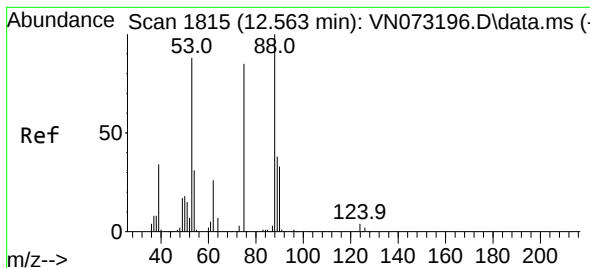
Reviewed By :John Carlone 07/08/2022
Supervised By :Mahesh Dadoda 07/08/2022



#80
1,3,5-Trimethylbenzene
Concen: 48.779 ug/l
RT: 12.998 min Scan# 1889
Delta R.T. 0.000 min
Lab File: VN073359.D
Acq: 07 Jul 2022 09:01

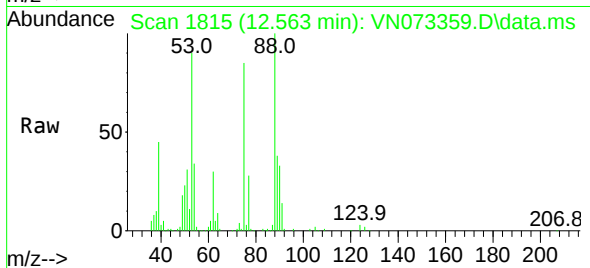
Tgt Ion:105 Resp: 702658
Ion Ratio Lower Upper
105 100
120 48.0 24.9 74.7





#81
trans-1,4-Dichloro-2-butene
Concen: 48.386 ug/l
RT: 12.563 min Scan# 1815
Delta R.T. -0.000 min
Lab File: VN073359.D
Acq: 07 Jul 2022 09:01

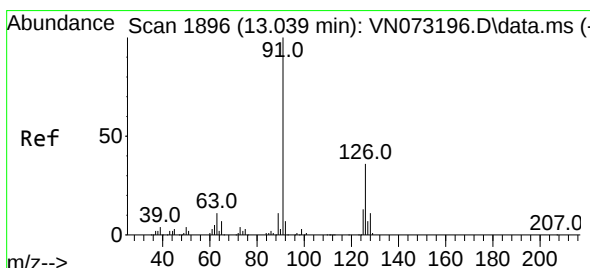
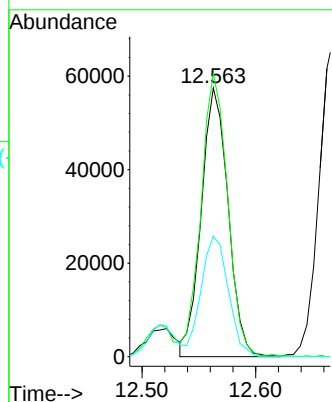
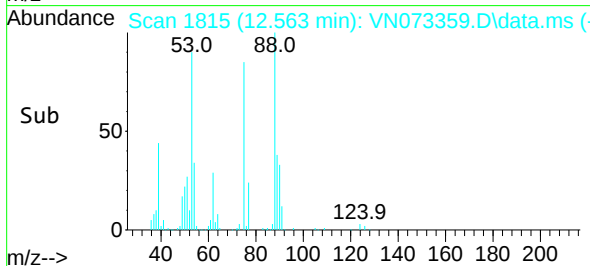
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



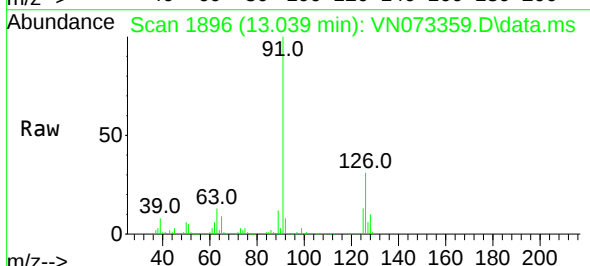
Tgt Ion: 75 Resp: 94410
Ion Ratio Lower Upper
75 100
53 104.7 78.0 117.0
89 45.0 37.2 55.8

Manual Integrations
APPROVED

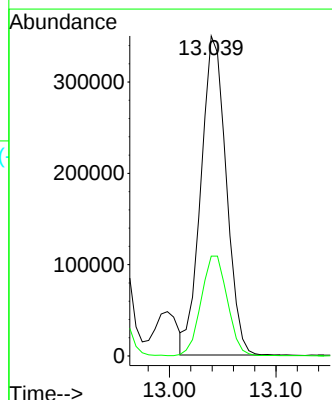
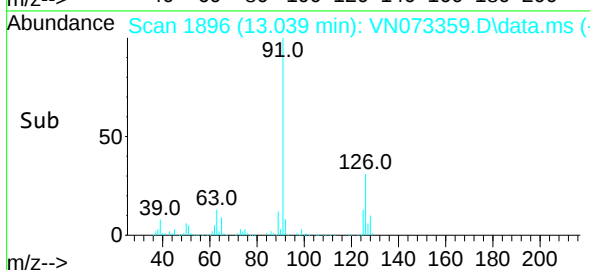
Reviewed By :John Carlone 07/08/2022
Supervised By :Mahesh Dadoda 07/08/2022



#82
4-Chlorotoluene
Concen: 47.948 ug/l
RT: 13.039 min Scan# 1896
Delta R.T. 0.000 min
Lab File: VN073359.D
Acq: 07 Jul 2022 09:01



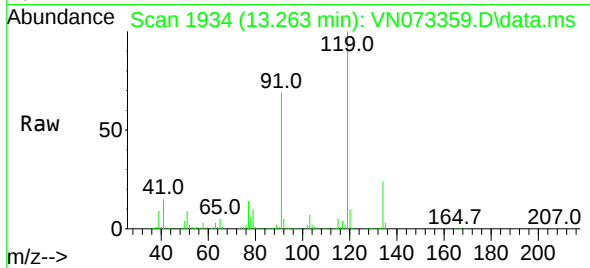
Tgt Ion: 91 Resp: 576808
Ion Ratio Lower Upper
91 100
126 32.5 17.2 51.6





#83
tert-Butylbenzene
Concen: 47.473 ug/l
RT: 13.263 min Scan# 1933
Delta R.T. 0.006 min
Lab File: VN073359.D
Acq: 07 Jul 2022 09:01

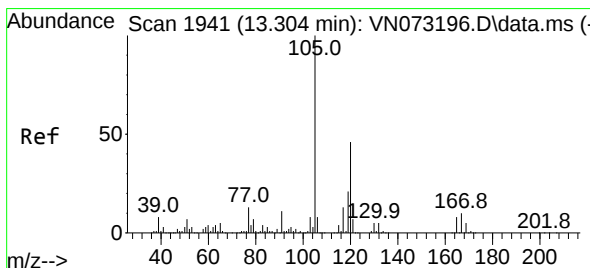
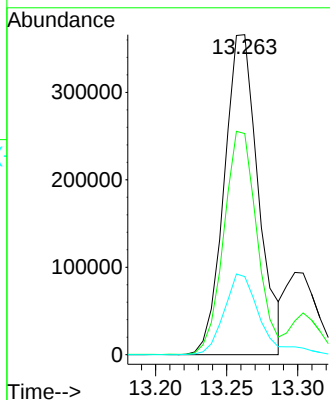
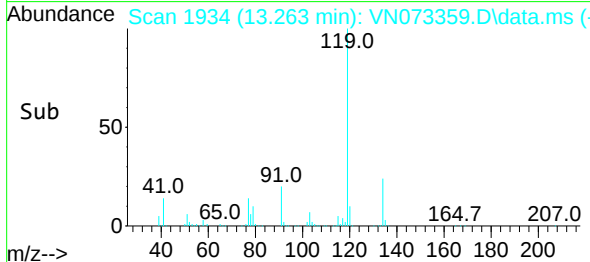
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



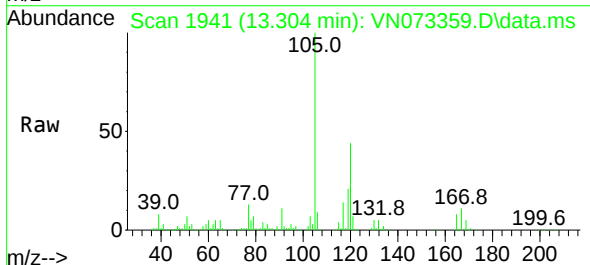
Tgt Ion:119 Resp: 613082
Ion Ratio Lower Upper
119 100
91 67.5 31.6 94.8
134 26.6 13.7 41.1

Manual Integrations
APPROVED

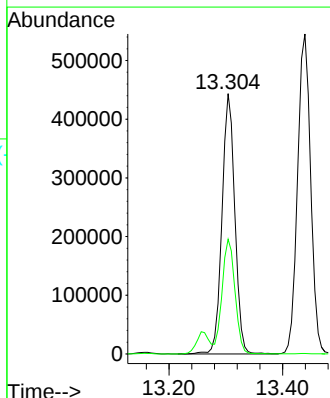
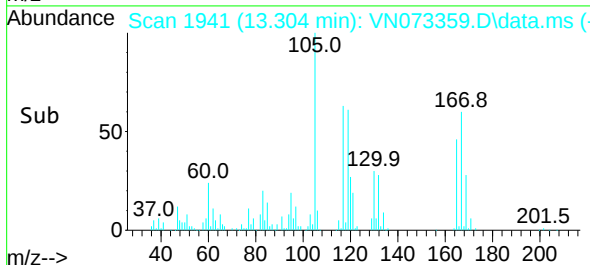
Reviewed By :John Carlone 07/08/2022
Supervised By :Mahesh Dadoda 07/08/2022

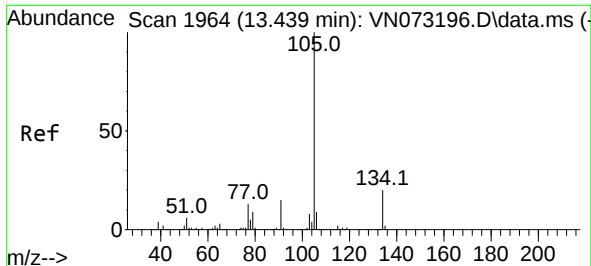


#84
1,2,4-Trimethylbenzene
Concen: 48.612 ug/l
RT: 13.304 min Scan# 1941
Delta R.T. -0.000 min
Lab File: VN073359.D
Acq: 07 Jul 2022 09:01



Tgt Ion:105 Resp: 699139
Ion Ratio Lower Upper
105 100
120 44.7 23.3 69.8





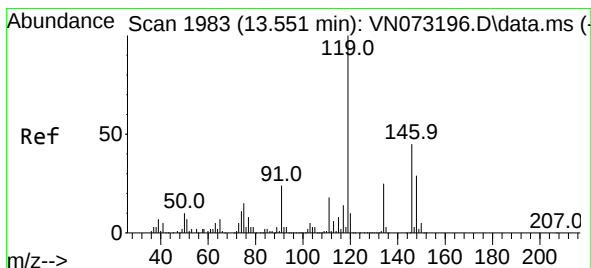
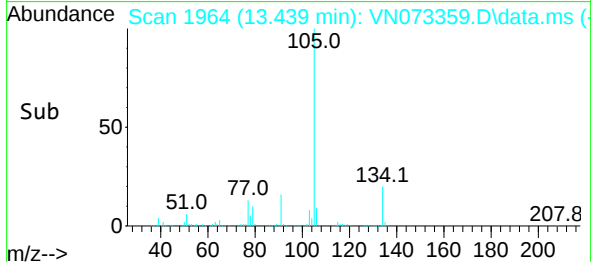
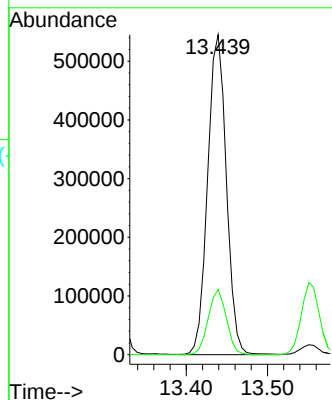
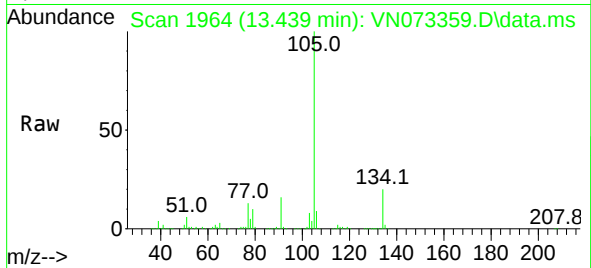
#85
 sec-Butylbenzene
 Concen: 50.243 ug/l
 RT: 13.439 min Scan# 1964
 Delta R.T. 0.000 min
 Lab File: VN073359.D
 Acq: 07 Jul 2022 09:01

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 87127
 Ion Ratio Lower Upper
 105 100
 134 19.9 10.4 31.1

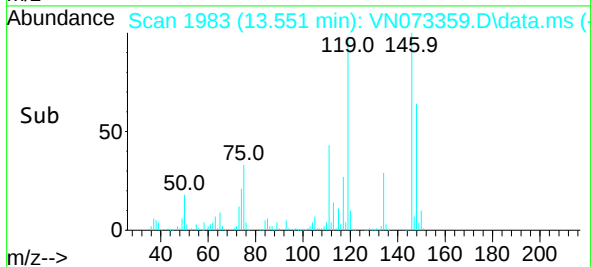
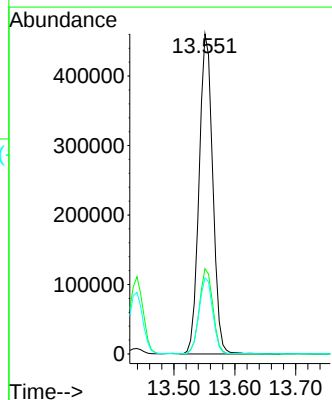
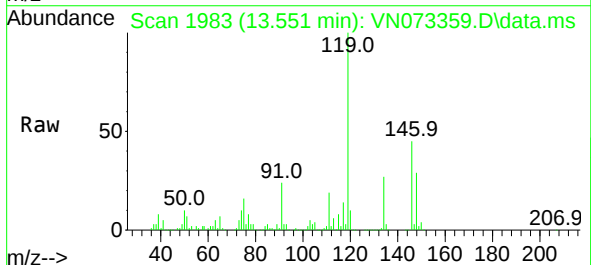
Manual Integrations
 APPROVED

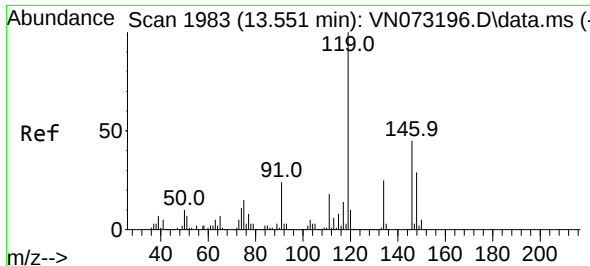
Reviewed By :John Carlone 07/08/2022
 Supervised By :Mahesh Dadoda 07/08/2022



#86
 p-Isopropyltoluene
 Concen: 51.195 ug/l
 RT: 13.551 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN073359.D
 Acq: 07 Jul 2022 09:01

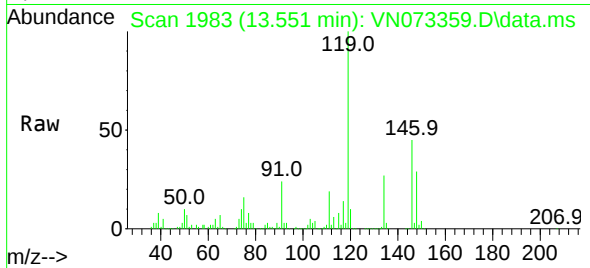
Tgt Ion:119 Resp: 717161
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.3 39.8
 91 23.7 11.3 33.9





#87
1,3-Dichlorobenzene
Concen: 46.928 ug/l
RT: 13.551 min Scan# 1983
Delta R.T. -0.000 min
Lab File: VN073359.D
Acq: 07 Jul 2022 09:01

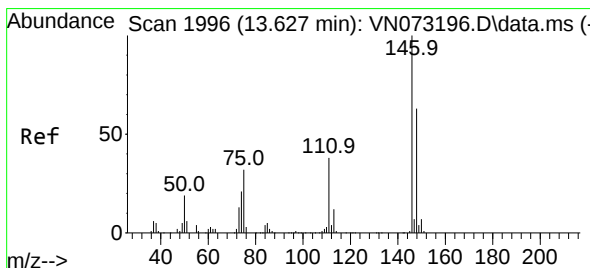
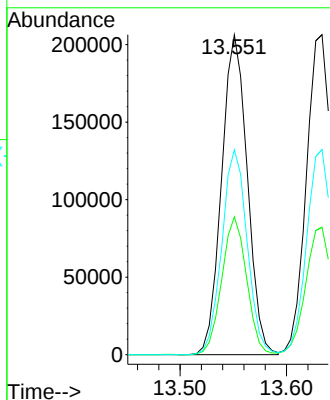
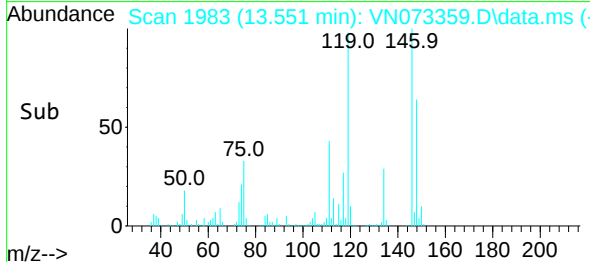
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



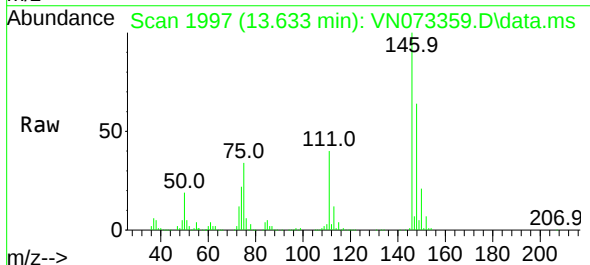
Tgt Ion:146 Resp: 345928
Ion Ratio Lower Upper
146 100
111 41.6 20.0 60.0
148 63.2 32.0 96.0

Manual Integrations
APPROVED

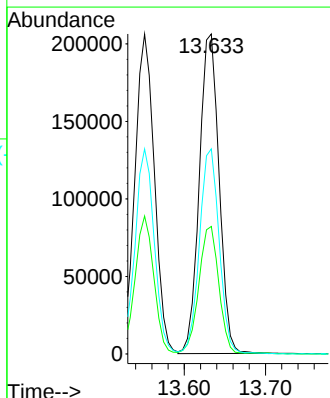
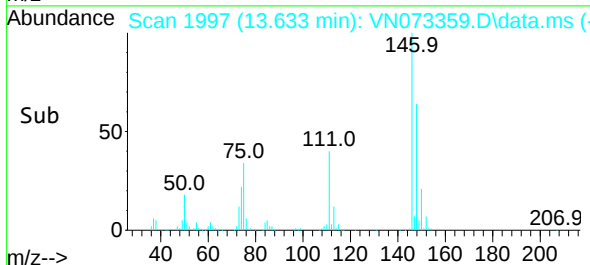
Reviewed By :John Carlone 07/08/2022
Supervised By :Mahesh Dadoda 07/08/2022



#88
1,4-Dichlorobenzene
Concen: 47.199 ug/l
RT: 13.633 min Scan# 1997
Delta R.T. 0.006 min
Lab File: VN073359.D
Acq: 07 Jul 2022 09:01



Tgt Ion:146 Resp: 348601
Ion Ratio Lower Upper
146 100
111 39.8 19.1 57.1
148 64.2 31.4 94.3





#89

n-Butylbenzene

Concen: 52.734 ug/l

RT: 13.880 min Scan# 2039

Delta R.T. 0.000 min

Lab File: VN073359.D

Acq: 07 Jul 2022 09:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

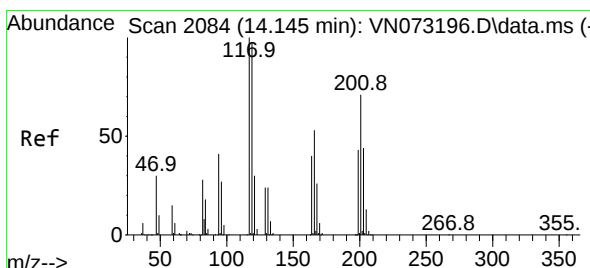
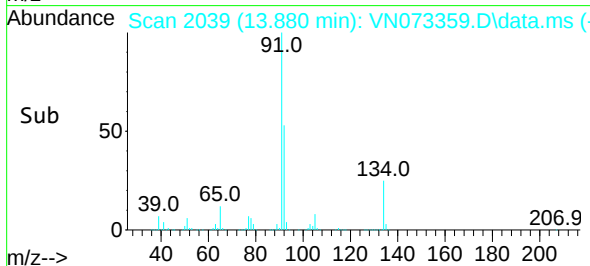
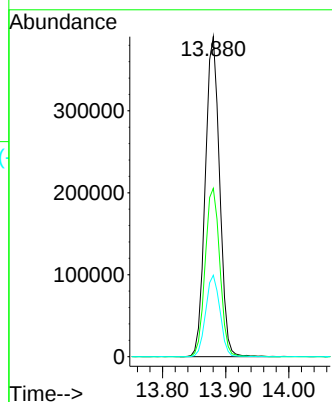
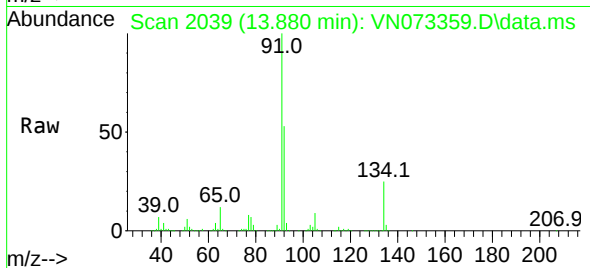
Tgt Ion:	91	Resp:	61557
Ion Ratio	Lower	Upper	
91	100		
92	53.7	26.9	80.7
134	25.4	13.6	40.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/08/2022

Supervised By :Mahesh Dadoda 07/08/2022



#90

Hexachloroethane

Concen: 49.203 ug/l

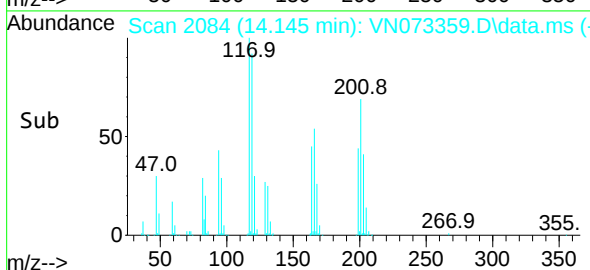
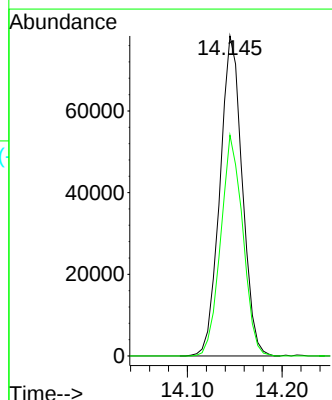
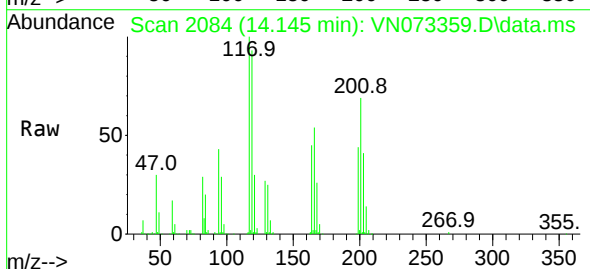
RT: 14.145 min Scan# 2084

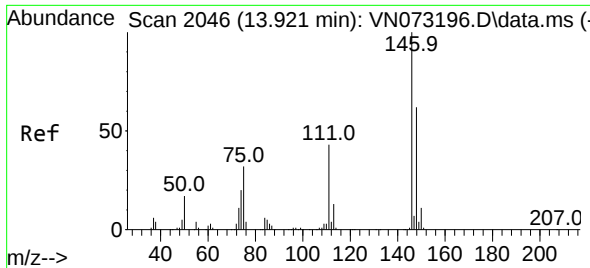
Delta R.T. -0.000 min

Lab File: VN073359.D

Acq: 07 Jul 2022 09:01

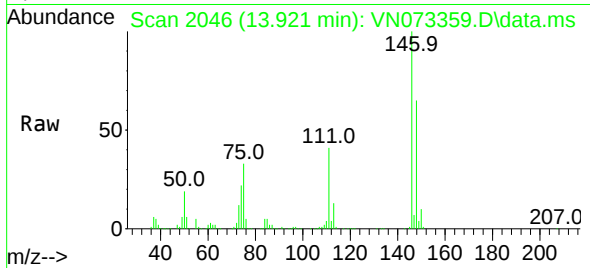
Tgt Ion:	117	Resp:	128452
Ion Ratio	Lower	Upper	
117	100		
201	68.0	40.6	122.0





#91
1,2-Dichlorobenzene
Concen: 47.512 ug/l
RT: 13.921 min Scan# 2046
Delta R.T. 0.000 min
Lab File: VN073359.D
Acq: 07 Jul 2022 09:01

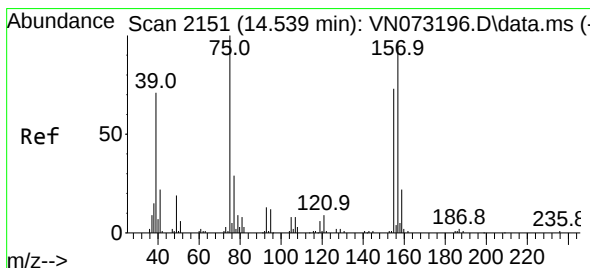
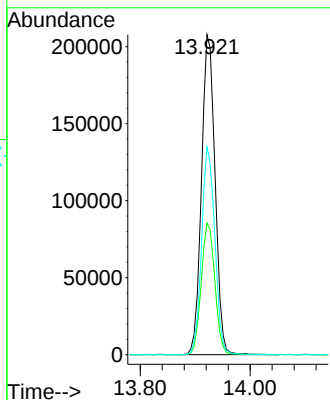
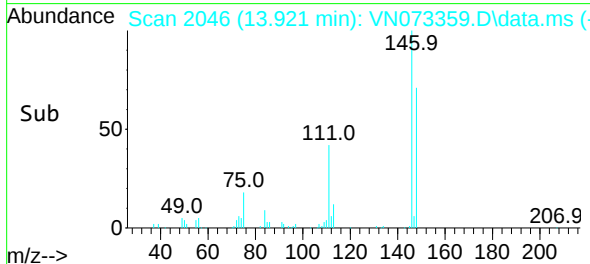
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



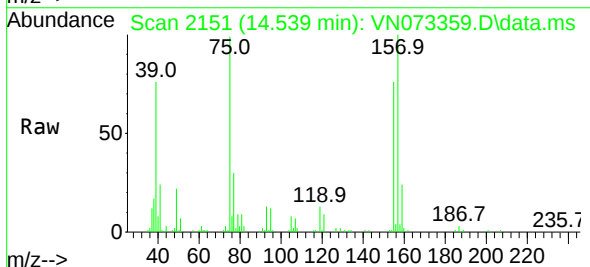
Tgt Ion:146 Resp: 35677
Ion Ratio Lower Upper
146 100
111 41.3 20.9 62.8
148 63.3 32.1 96.3

Manual Integrations
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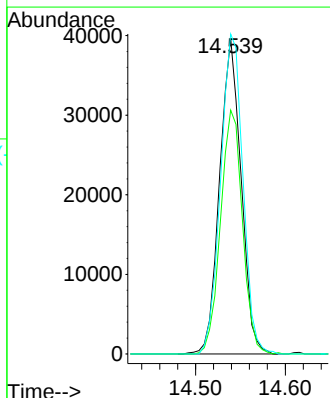
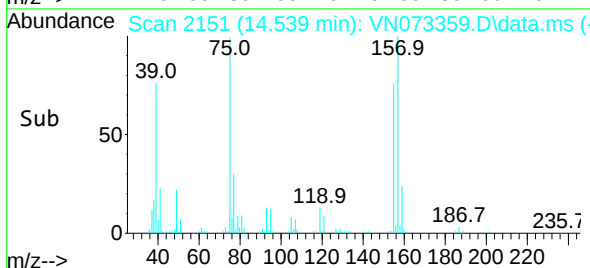
Reviewed By :John Carlone 07/08/2022
Supervised By :Mahesh Dadoda 07/08/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 46.161 ug/l
RT: 14.539 min Scan# 2151
Delta R.T. 0.000 min
Lab File: VN073359.D
Acq: 07 Jul 2022 09:01



Tgt Ion: 75 Resp: 65798
Ion Ratio Lower Upper
75 100
155 78.8 44.9 134.5
157 105.3 59.0 176.8





#93

1,2,4-Trichlorobenzene

Concen: 50.671 ug/l

RT: 15.192 min Scan# 2262

Delta R.T. -0.000 min

Lab File: VN073359.D

Acq: 07 Jul 2022 09:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:180 Resp: 198118

Ion Ratio Lower Upper

180 100

182 94.3 47.5 142.5

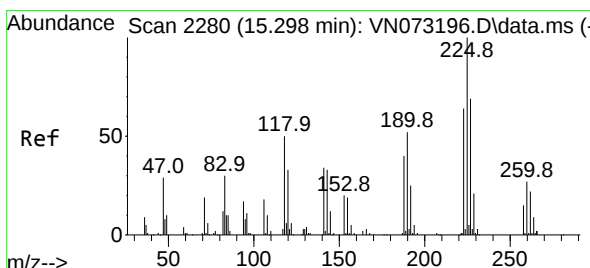
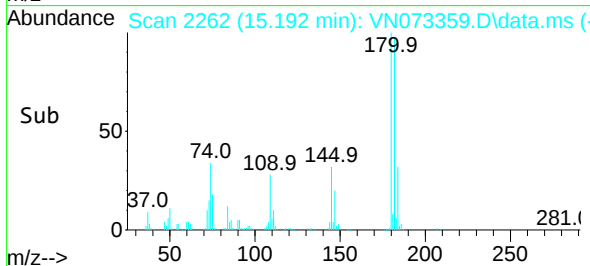
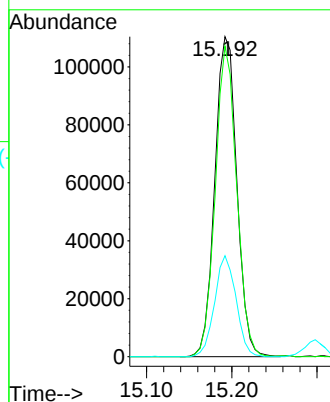
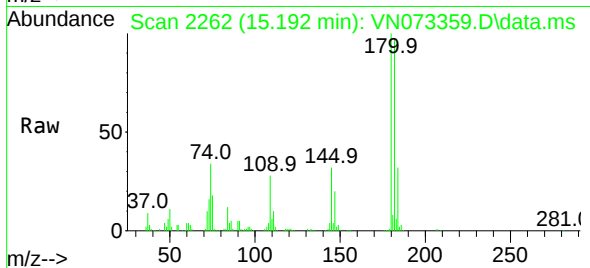
145 30.8 14.5 43.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/08/2022

Supervised By :Mahesh Dadoda 07/08/2022



#94

Hexachlorobutadiene

Concen: 49.140 ug/l

RT: 15.298 min Scan# 2280

Delta R.T. -0.000 min

Lab File: VN073359.D

Acq: 07 Jul 2022 09:01

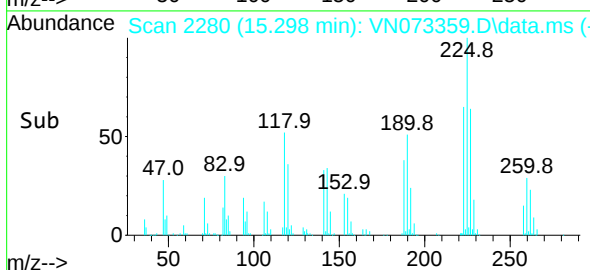
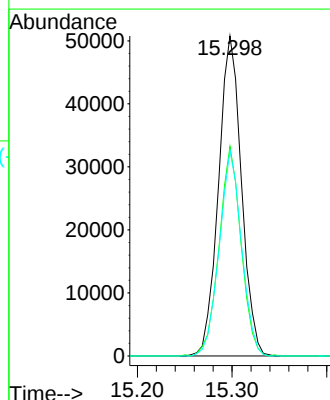
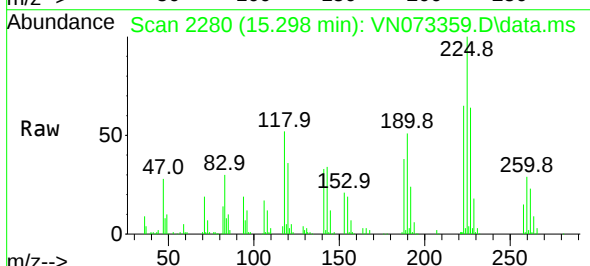
Tgt Ion:225 Resp: 85410

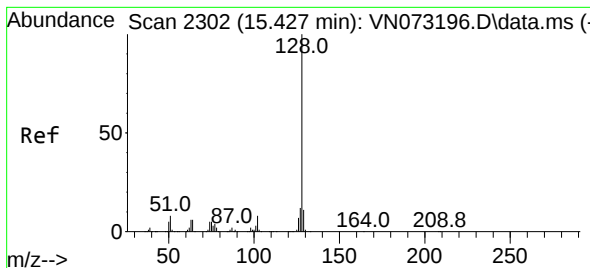
Ion Ratio Lower Upper

225 100

223 62.7 32.4 97.2

227 62.1 31.8 95.4





#95

Naphthalene

Concen: 45.298 ug/l

RT: 15.433 min Scan# 2303

Delta R.T. 0.006 min

Lab File: VN073359.D

Acq: 07 Jul 2022 09:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

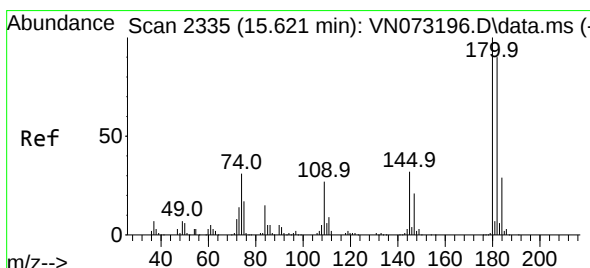
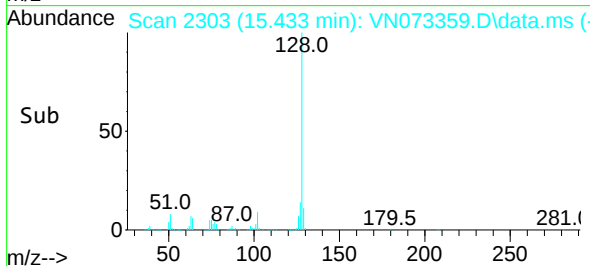
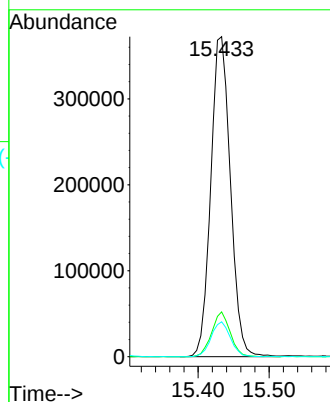
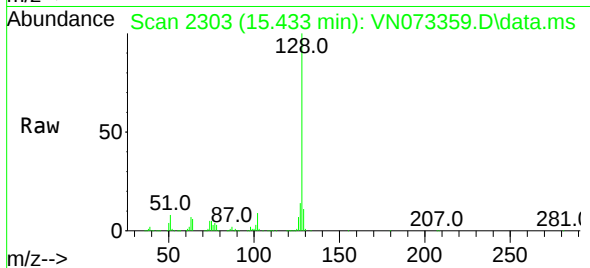
Tgt Ion:128 Resp: 714498
 Ion Ratio Lower Upper
 128 100
 127 13.2 10.3 15.5
 129 10.7 8.6 13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/08/2022

Supervised By :Mahesh Dadoda 07/08/2022



#96

1,2,3-Trichlorobenzene

Concen: 48.283 ug/l

RT: 15.621 min Scan# 2335

Delta R.T. 0.000 min

Lab File: VN073359.D

Acq: 07 Jul 2022 09:01

Tgt Ion:180 Resp: 194739
 Ion Ratio Lower Upper
 180 100
 182 95.5 47.8 143.3
 145 33.2 15.5 46.5

