

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080122\
 Data File : VN073674.D
 Acq On : 01 Aug 2022 21:02
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/02/2022
 Supervised By : Mahesh Dadoda 08/02/2022

Quant Time: Aug 02 05:07:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072822W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 29 02:20:25 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	417008	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	672570	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	622772	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	309280	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	244360	48.084	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.160%		
35) Dibromofluoromethane	7.951	113	212800	50.387	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.780%		
50) Toluene-d8	10.380	98	843755	50.770	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	101.540%		
62) 4-Bromofluorobenzene	12.668	95	283996	50.959	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	101.920%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	183681	45.413	ug/l	96
3) Chloromethane	2.269	50	229146	46.986	ug/l	99
4) Vinyl Chloride	2.404	62	298549	42.204	ug/l	97
5) Bromomethane	2.787	94	172561	42.061	ug/l	99
6) Chloroethane	2.957	64	195529	47.275	ug/l	98
7) Trichlorofluoromethane	3.310	101	311562	42.736	ug/l	97
8) Diethyl Ether	3.763	74	128313	46.873	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.140	101	182736	45.304	ug/l	97
10) Methyl Iodide	4.351	142	231724	56.511	ug/l	99
11) Tert butyl alcohol	5.292	59	257039	234.527	ug/l	99
12) 1,1-Dichloroethene	4.110	96	179793	45.443	ug/l	95
13) Acrolein	3.981	56	278854	256.640	ug/l	99
14) Allyl chloride	4.763	41	279647	44.209	ug/l	98
15) Acrylonitrile	5.475	53	700424	231.033	ug/l	100
16) Acetone	4.222	43	577781	211.677	ug/l	99
17) Carbon Disulfide	4.457	76	446568	42.568	ug/l	99
18) Methyl Acetate	4.775	43	312136	45.965	ug/l	98
19) Methyl tert-butyl Ether	5.534	73	665470	49.235	ug/l	98
20) Methylene Chloride	5.016	84	221337	50.131	ug/l	97
21) trans-1,2-Dichloroethene	5.516	96	199649	46.616	ug/l	94
22) Diisopropyl ether	6.410	45	641159	46.982	ug/l	98
23) Vinyl Acetate	6.351	43	2800279	244.744	ug/l	100
24) 1,1-Dichloroethane	6.304	63	373257	44.459	ug/l	100
25) 2-Butanone	7.257	43	958936	226.222	ug/l	100
26) 2,2-Dichloropropane	7.245	77	255889	39.615	ug/l	98
27) cis-1,2-Dichloroethene	7.245	96	243587	46.162	ug/l	94
28) Bromochloromethane	7.580	49	147072	41.721	ug/l	99
29) Tetrahydrofuran	7.610	42	628995	234.695	ug/l	98
30) Chloroform	7.745	83	392757	44.900	ug/l	98
31) Cyclohexane	8.022	56	324126	42.840	ug/l	97
32) 1,1,1-Trichloroethane	7.945	97	337880	46.520	ug/l	98
36) 1,1-Dichloropropene	8.151	75	285381	47.411	ug/l	100
37) Ethyl Acetate	7.339	43	368603	46.499	ug/l	98
38) Carbon Tetrachloride	8.133	117	287737	47.066	ug/l	98
39) Methylcyclohexane	9.398	83	351659	48.890	ug/l	96
40) Benzene	8.392	78	907269	46.417	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.569	41	179324m	49.992	ug/l	
42) 1,2-Dichloroethane	8.463	62	300084	45.553	ug/l	99
43) Isopropyl Acetate	8.492	43	522445	48.794	ug/l	99
44) Trichloroethene	9.151	130	230520	46.507	ug/l	98
45) 1,2-Dichloropropane	9.427	63	224361	45.923	ug/l	100
46) Dibromomethane	9.516	93	159340	46.991	ug/l	98
47) Bromodichloromethane	9.698	83	304776	46.831	ug/l	99
48) Methyl methacrylate	9.498	41	231817	49.462	ug/l	93
49) 1,4-Dioxane	9.504	88	130559	988.228	ug/l	92
51) 4-Methyl-2-Pentanone	10.269	43	1861691	242.423	ug/l	99
52) Toluene	10.445	92	589144	49.346	ug/l	100
53) t-1,3-Dichloropropene	10.663	75	323286	50.283	ug/l	97
54) cis-1,3-Dichloropropene	10.127	75	353278	48.761	ug/l	97
55) 1,1,2-Trichloroethane	10.839	97	240394	48.285	ug/l	99
56) Ethyl methacrylate	10.704	69	379464	55.301	ug/l	98
57) 1,3-Dichloropropane	10.986	76	401585	47.542	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.980	63	832356	230.053	ug/l	99
59) 2-Hexanone	11.027	43	1449765	249.173	ug/l	100
60) Dibromochloromethane	11.180	129	253106	51.102	ug/l	100
61) 1,2-Dibromoethane	11.286	107	253126	49.365	ug/l	99
64) Tetrachloroethene	10.916	164	221056	44.664	ug/l	97
65) Chlorobenzene	11.710	112	636243	48.098	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.780	131	235357	49.605	ug/l	98
67) Ethyl Benzene	11.786	91	1123547	50.346	ug/l	99
68) m/p-Xylenes	11.892	106	877869	103.138	ug/l	99
69) o-Xylene	12.221	106	435378	52.467	ug/l	99
70) Styrene	12.233	104	717363	54.004	ug/l	98
71) Bromoform	12.398	173	204189	52.139	ug/l #	99
73) Isopropylbenzene	12.521	105	1124374	49.663	ug/l	99
74) N-amyl acetate	12.327	43	440883	51.541	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.768	83	380374	43.539	ug/l	99
76) 1,2,3-Trichloropropane	12.821	75	329810m	58.777	ug/l	
77) Bromobenzene	12.798	156	286072	48.521	ug/l	95
78) n-propylbenzene	12.863	91	1279177	50.214	ug/l	100
79) 2-Chlorotoluene	12.945	91	758872	47.730	ug/l	98
80) 1,3,5-Trimethylbenzene	12.998	105	930385	49.936	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.568	75	108714	45.553	ug/l	97
82) 4-Chlorotoluene	13.045	91	727490	48.278	ug/l	96
83) tert-Butylbenzene	13.262	119	834955	50.595	ug/l	99
84) 1,2,4-Trimethylbenzene	13.310	105	937920	51.196	ug/l	100
85) sec-Butylbenzene	13.439	105	1164036	51.035	ug/l	99
86) p-Isopropyltoluene	13.557	119	983453	54.695	ug/l	98
87) 1,3-Dichlorobenzene	13.551	146	506671	47.080	ug/l	98
88) 1,4-Dichlorobenzene	13.633	146	503492	46.759	ug/l	99
89) n-Butylbenzene	13.880	91	767510	52.461	ug/l	99
90) Hexachloroethane	14.151	117	168812	47.320	ug/l	96
91) 1,2-Dichlorobenzene	13.927	146	519737	47.659	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.545	75	85034	48.443	ug/l	91
93) 1,2,4-Trichlorobenzene	15.198	180	301401	55.655	ug/l	99
94) Hexachlorobutadiene	15.304	225	146563	49.781	ug/l	98
95) Naphthalene	15.433	128	1600354	91.064	ug/l	100
96) 1,2,3-Trichlorobenzene	15.627	180	305308	53.565	ug/l	98

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Quant Title : SW846 8260
QLast Update : Fri Jul 29 02:20:25 2022
Response via : Initial Calibration

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

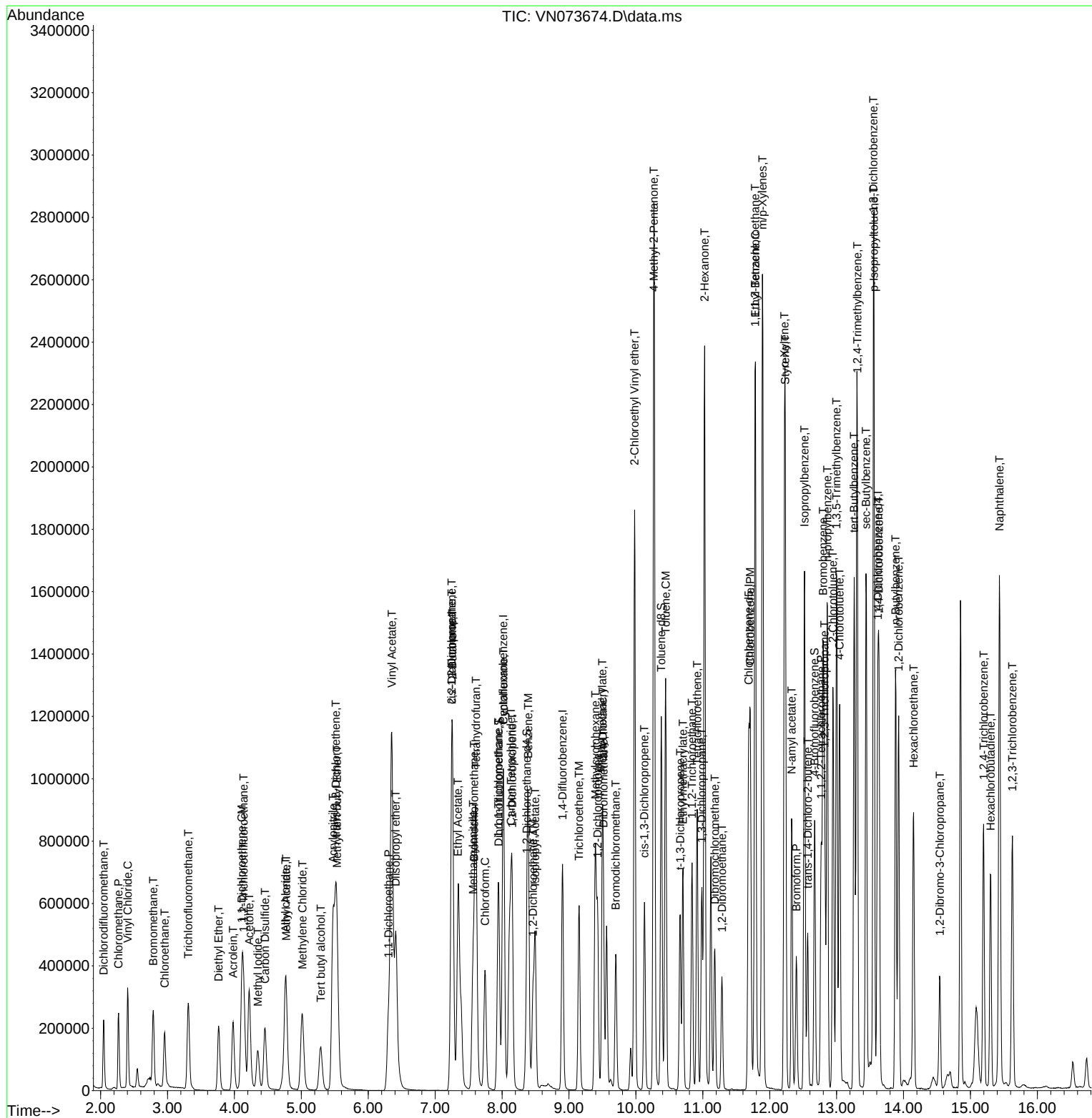
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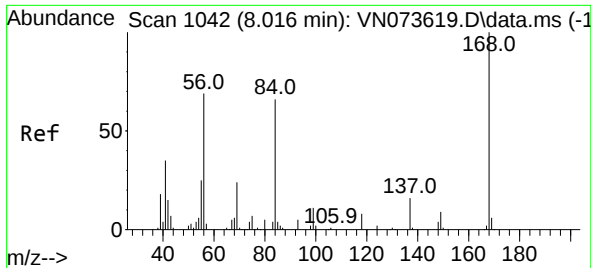
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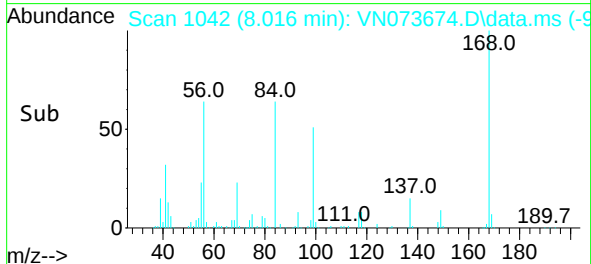
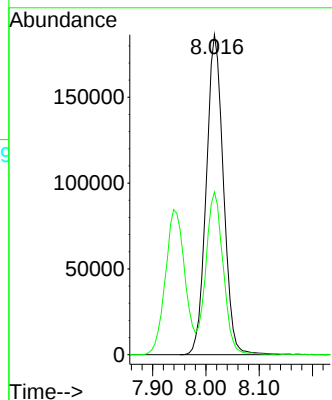
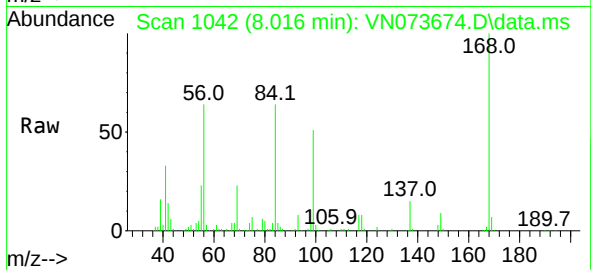
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073674.D
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ClientSampleId :
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Tgt Ion:168 Resp: 417000
Ion Ratio Lower Upper
168 100
99 50.7 42.3 63.5

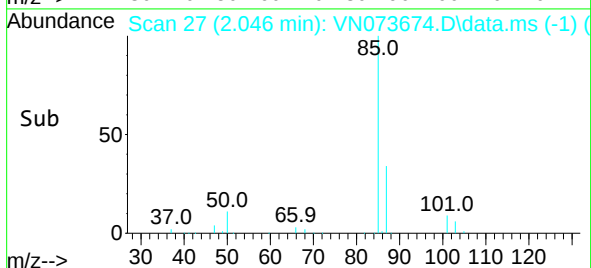
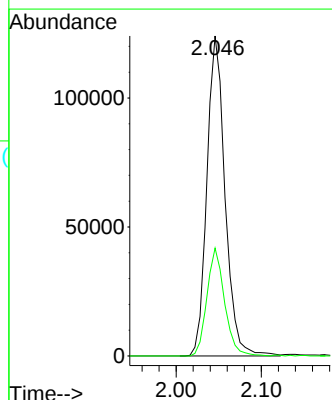
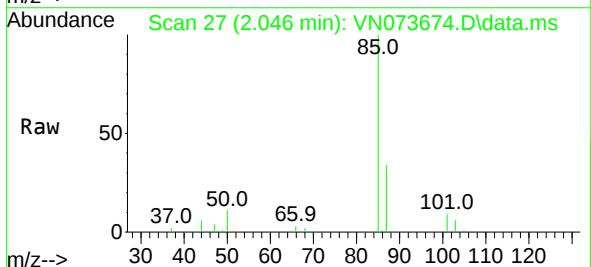
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#2
Dichlorodifluoromethane
Concen: 45.413 ug/l
RT: 2.046 min Scan# 27
Delta R.T. -0.000 min
Lab File: VN073674.D
Acq: 01 Aug 2022 21:02

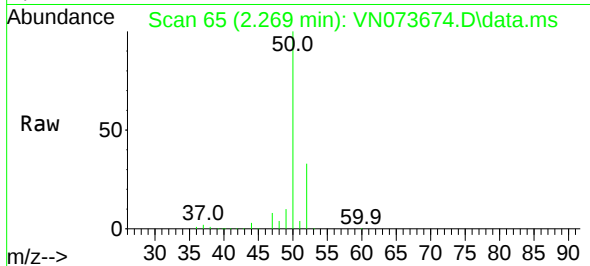
Tgt Ion: 85 Resp: 183681
Ion Ratio Lower Upper
85 100
87 33.7 15.7 47.1





#3
Chloromethane
Concen: 46.986 ug/l
RT: 2.269 min Scan# 65
Delta R.T. 0.000 min
Lab File: VN073674.D
Acq: 01 Aug 2022 21:02

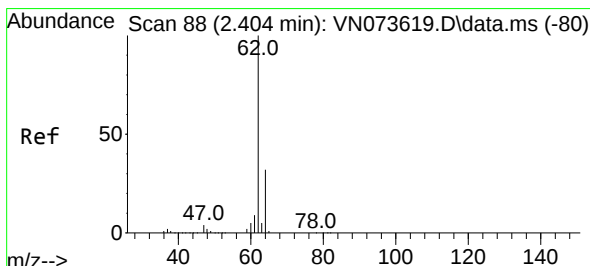
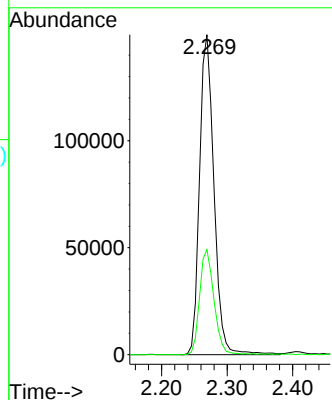
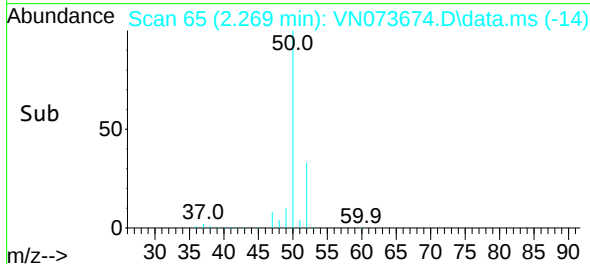
Instrument :
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ClientSampleId :
VSTDCCC050EC



Tgt Ion: 50 Resp: 229140
Ion Ratio Lower Upper
50 100
52 32.8 25.7 38.5

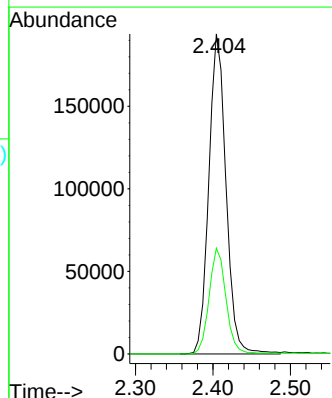
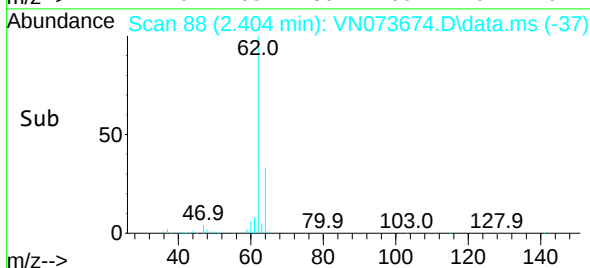
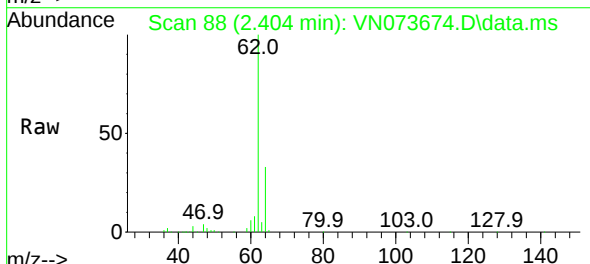
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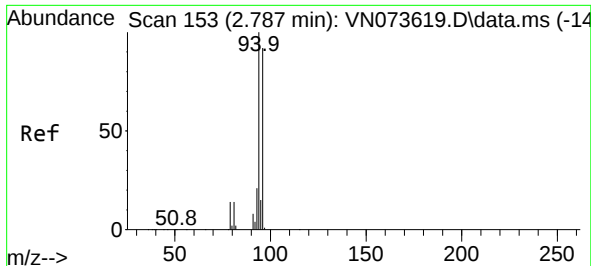
Reviewed By :John Carlone 08/02/2022
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#4
Vinyl Chloride
Concen: 42.204 ug/l
RT: 2.404 min Scan# 88
Delta R.T. -0.000 min
Lab File: VN073674.D
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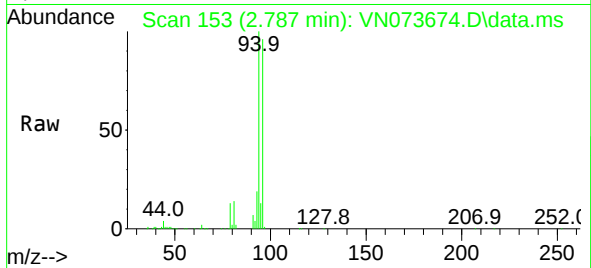
Tgt Ion: 62 Resp: 298549
Ion Ratio Lower Upper
62 100
64 33.1 25.0 37.4





#5
Bromomethane
Concen: 42.061 ug/l
RT: 2.787 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN073674.D
Acq: 01 Aug 2022 21:02

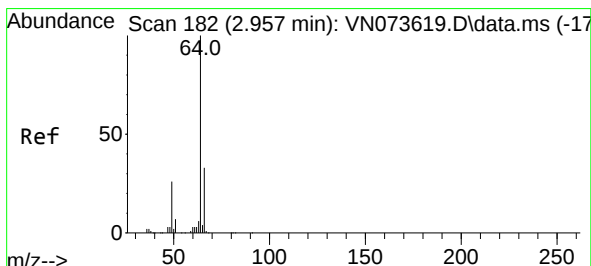
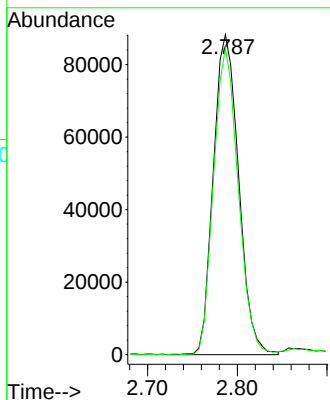
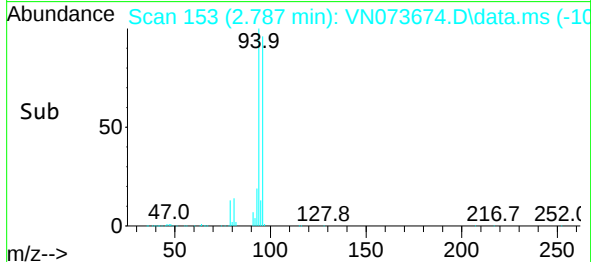
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Tgt Ion: 94 Resp: 17256
Ion Ratio Lower Upper
94 100
96 95.8 76.0 114.0

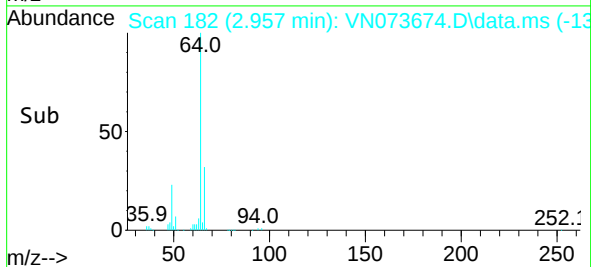
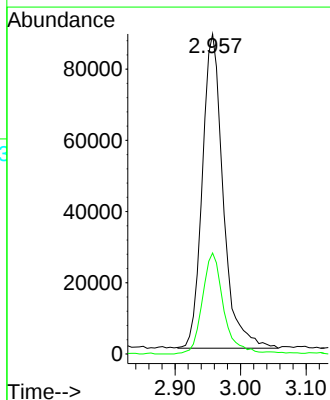
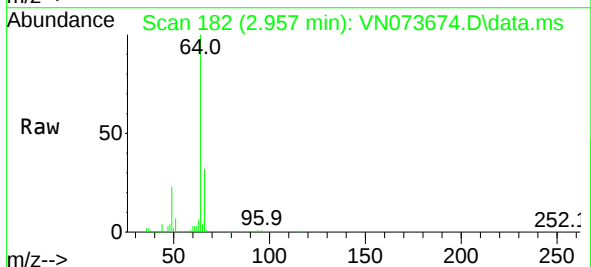
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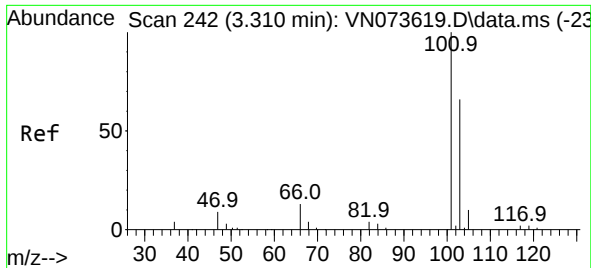
Reviewed By :John Carlone 08/02/2022
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#6
Chloroethane
Concen: 47.275 ug/l
RT: 2.957 min Scan# 182
Delta R.T. 0.000 min
Lab File: VN073674.D
Acq: 01 Aug 2022 21:02

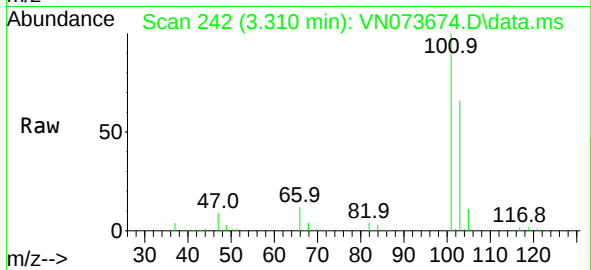
Tgt Ion: 64 Resp: 195529
Ion Ratio Lower Upper
64 100
66 31.9 26.2 39.4





#7
 Trichlorofluoromethane
 Concen: 42.736 ug/l
 RT: 3.310 min Scan# 242
 Delta R.T. -0.000 min
 Lab File: VN073674.D
 Acq: 01 Aug 2022 21:02

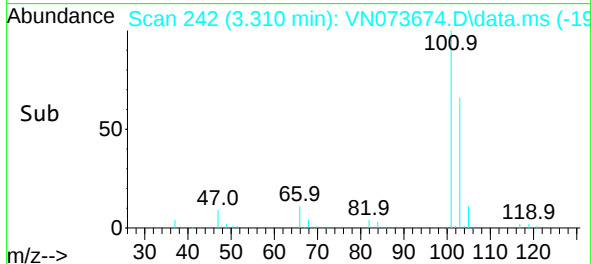
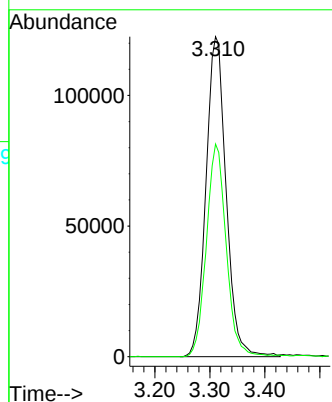
Instrument :
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 VSTDCCC050EC



Tgt Ion:101 Resp: 311562
 Ion Ratio Lower Upper
 101 100
 103 66.4 51.5 77.3

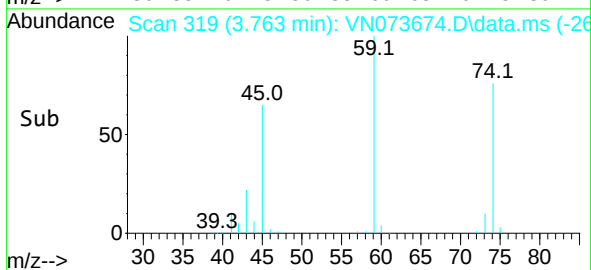
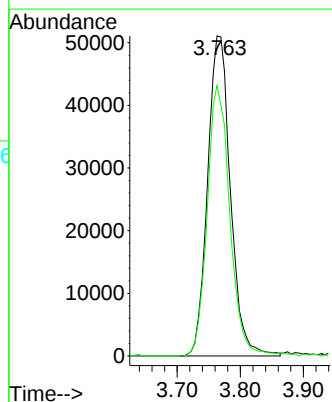
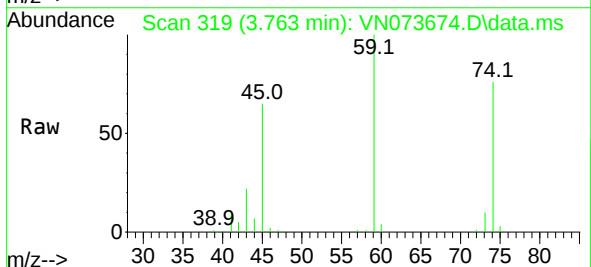
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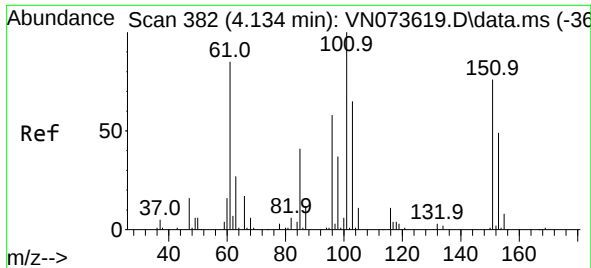
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#8
 Diethyl Ether
 Concen: 46.873 ug/l
 RT: 3.763 min Scan# 319
 Delta R.T. -0.000 min
 Lab File: VN073674.D
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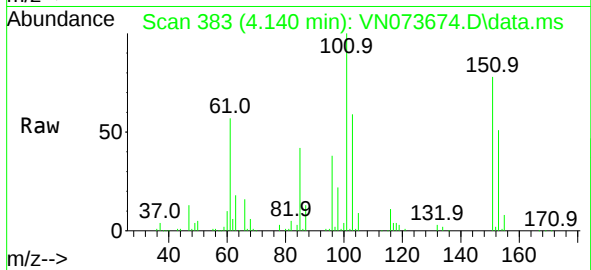
Tgt Ion: 74 Resp: 128313
 Ion Ratio Lower Upper
 74 100
 45 84.0 42.9 128.5





#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.304 ug/l
RT: 4.140 min Scan# 382
Delta R.T. 0.006 min
Lab File: VN073674.D
Acq: 01 Aug 2022 21:02

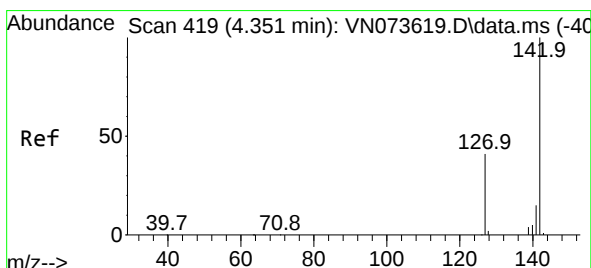
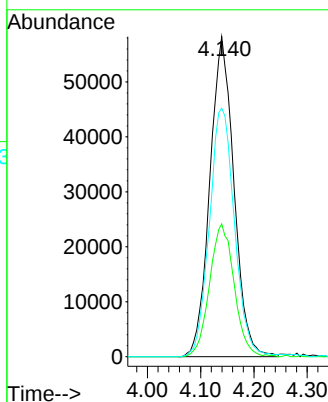
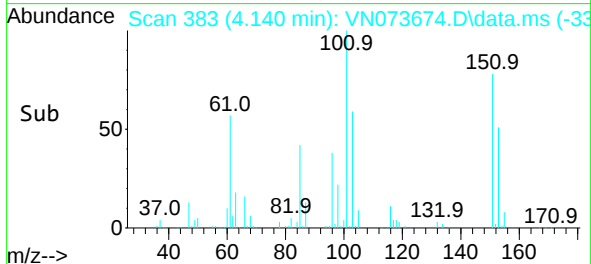
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:101 Resp: 182730
Ion Ratio Lower Upper
101 100
85 42.2 34.7 52.1
151 81.4 63.0 94.4

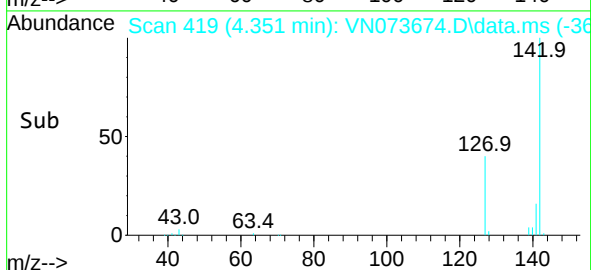
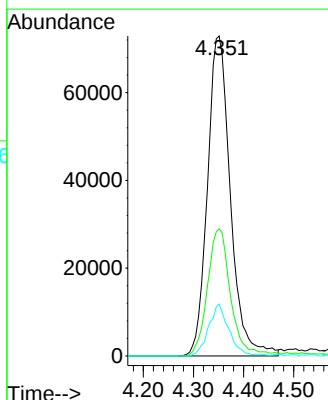
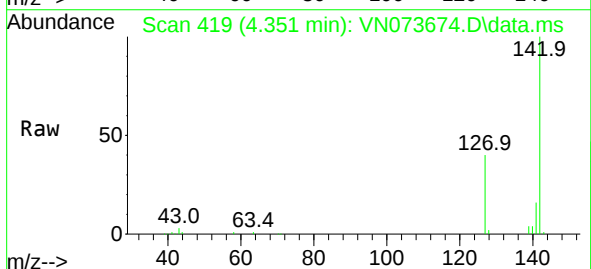
Manual Integrations
APPROVED

Reviewed By :John Carbone 08/02/2022
Supervised By :Mahesh Dadoda 08/02/2022



#10
Methyl Iodide
Concen: 56.511 ug/l
RT: 4.351 min Scan# 419
Delta R.T. -0.000 min
Lab File: VN073674.D
Acq: 01 Aug 2022 21:02

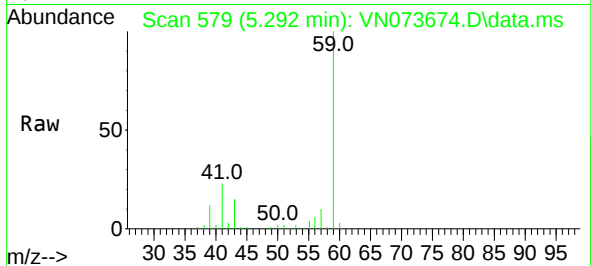
Tgt Ion:142 Resp: 231724
Ion Ratio Lower Upper
142 100
127 40.1 31.3 46.9
141 14.2 11.2 16.8





#11
Tert butyl alcohol
Concen: 234.527 ug/l
RT: 5.292 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN073674.D
Acq: 01 Aug 2022 21:02

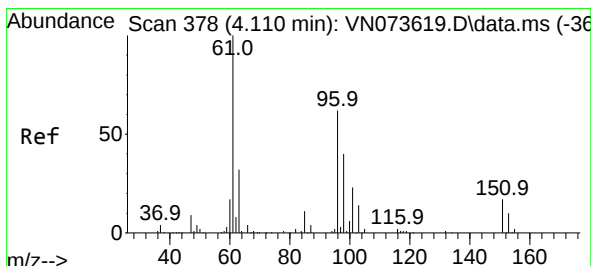
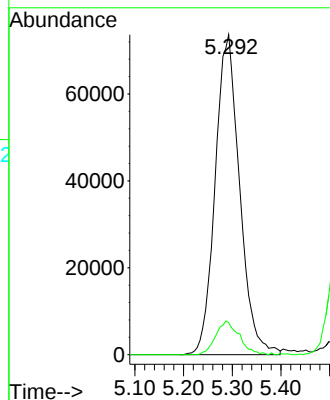
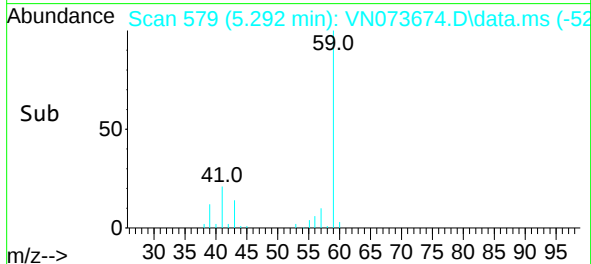
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 59 Resp: 257039
Ion Ratio Lower Upper
59 100
57 10.1 8.3 12.5

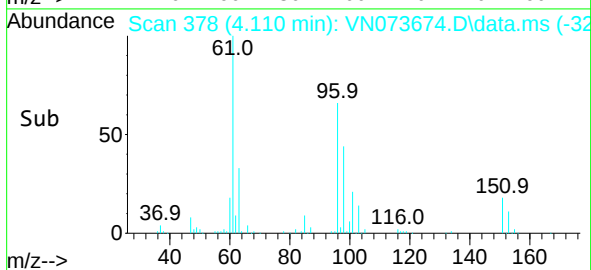
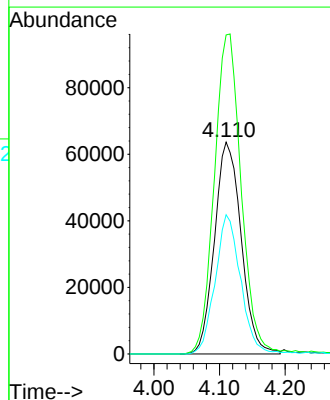
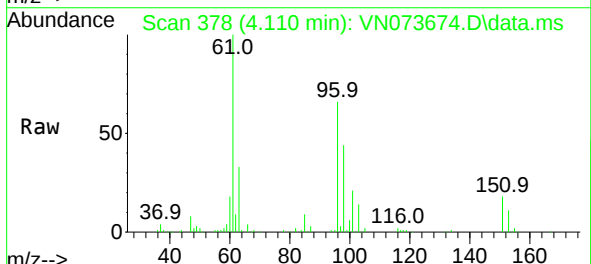
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/02/2022
Supervised By :Mahesh Dadoda 08/02/2022



#12
1,1-Dichloroethene
Concen: 45.443 ug/l
RT: 4.110 min Scan# 378
Delta R.T. -0.000 min
Lab File: VN073674.D
Acq: 01 Aug 2022 21:02

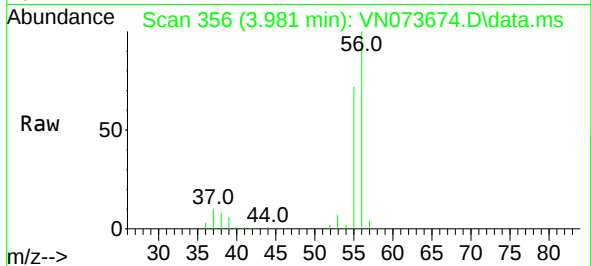
Tgt Ion: 96 Resp: 179793
Ion Ratio Lower Upper
96 100
61 150.6 127.6 191.4
98 65.7 51.2 76.8





#13
Acrolein
Concen: 256.640 ug/l
RT: 3.981 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN073674.D
Acq: 01 Aug 2022 21:02

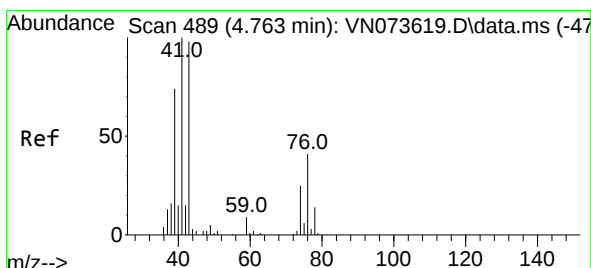
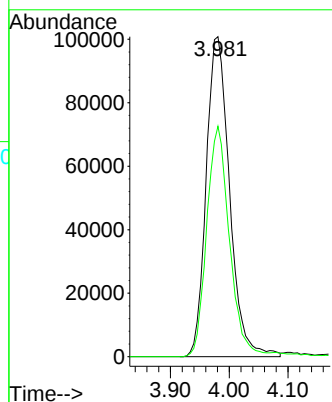
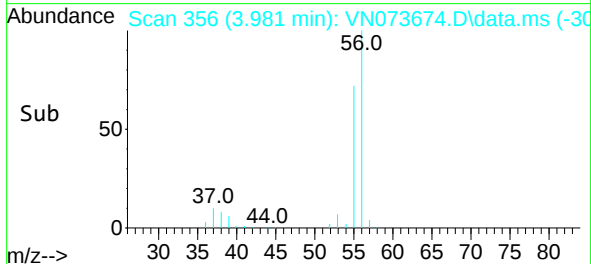
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 278854
Ion Ratio Lower Upper
56 100
55 69.6 54.8 82.2

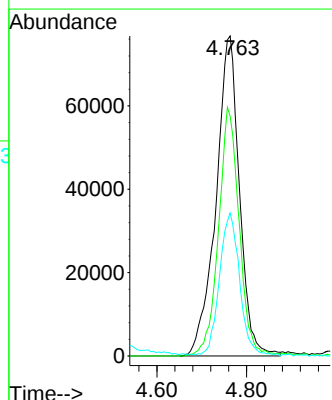
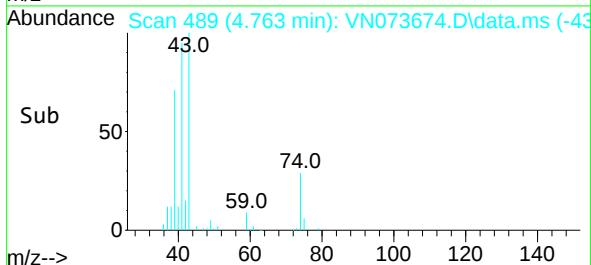
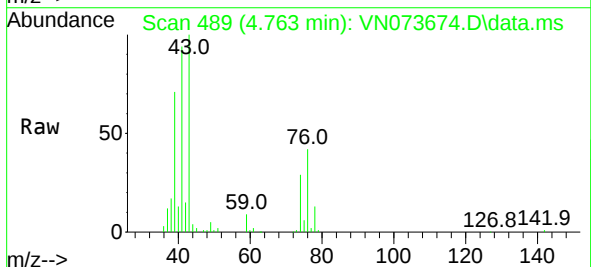
Manual Integrations
APPROVED

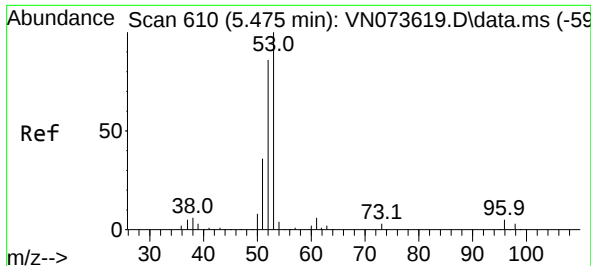
Reviewed By :John Carlone 08/02/2022
Supervised By :Mahesh Dadoda 08/02/2022



#14
Allyl chloride
Concen: 44.209 ug/l
RT: 4.763 min Scan# 489
Delta R.T. -0.000 min
Lab File: VN073674.D
Acq: 01 Aug 2022 21:02

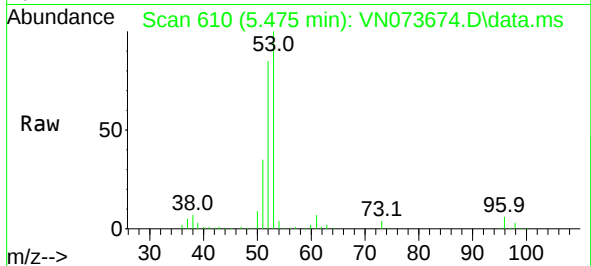
Tgt Ion: 41 Resp: 279647
Ion Ratio Lower Upper
41 100
39 68.0 53.2 79.8
76 38.7 29.9 44.9





#15
Acrylonitrile
Concen: 231.033 ug/l
RT: 5.475 min Scan# 610
Delta R.T. -0.000 min
Lab File: VN073674.D
Acq: 01 Aug 2022 21:02

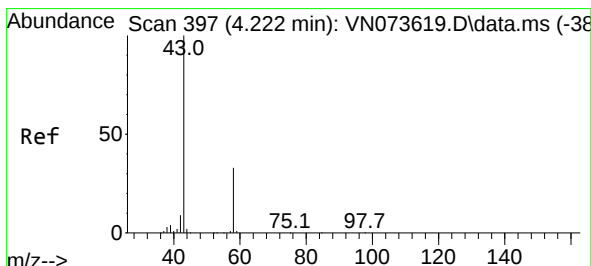
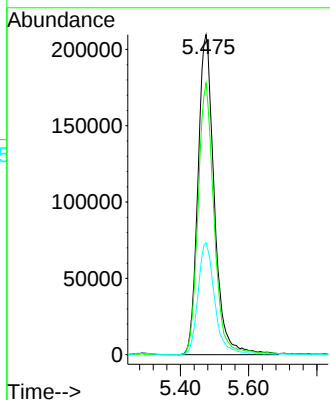
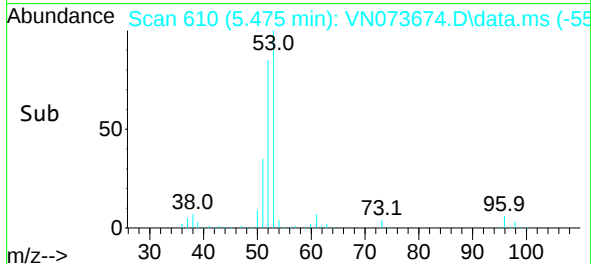
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 700424
Ion Ratio Lower Upper
53 100
52 82.6 66.4 99.6
51 35.6 28.5 42.7

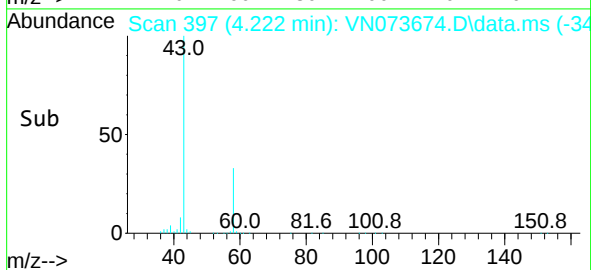
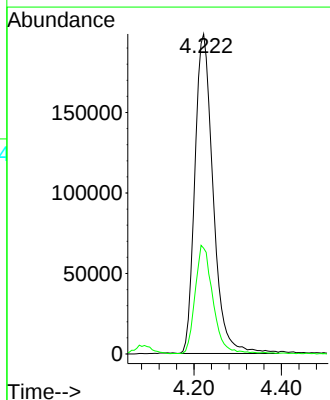
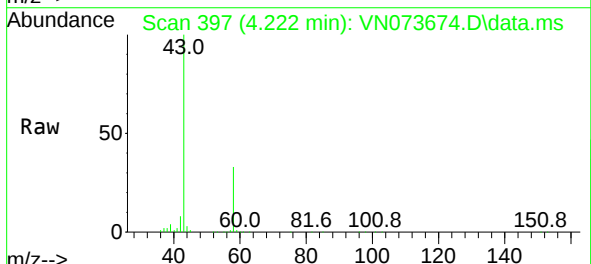
Manual Integrations
APPROVED

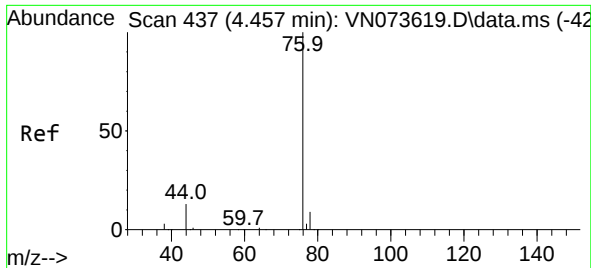
Reviewed By :John Carlone 08/02/2022
Supervised By :Mahesh Dadoda 08/02/2022



#16
Acetone
Concen: 211.677 ug/l
RT: 4.222 min Scan# 397
Delta R.T. -0.000 min
Lab File: VN073674.D
Acq: 01 Aug 2022 21:02

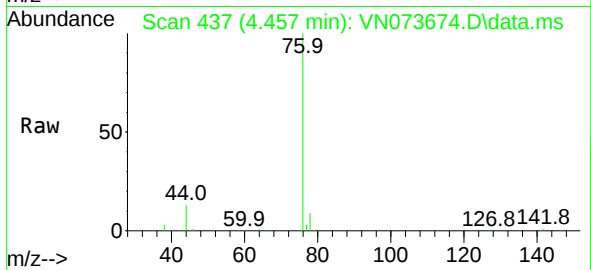
Tgt Ion: 43 Resp: 577781
Ion Ratio Lower Upper
43 100
58 32.9 26.0 39.0





#17
Carbon Disulfide
Concen: 42.568 ug/l
RT: 4.457 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN073674.D
Acq: 01 Aug 2022 21:02

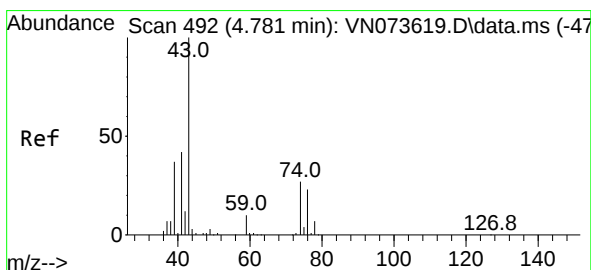
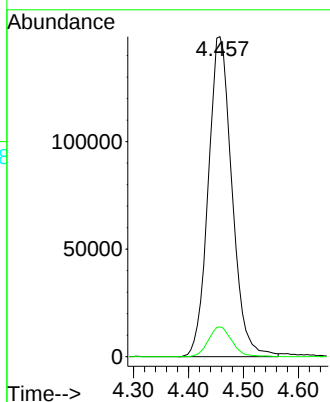
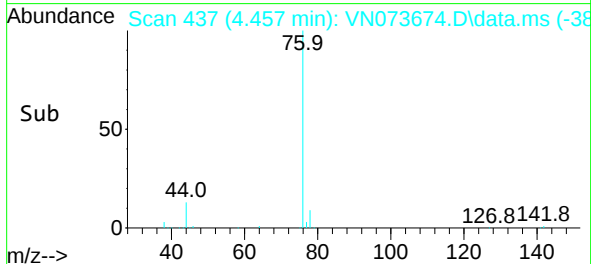
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 446568
Ion Ratio Lower Upper
76 100
78 9.3 7.2 10.8

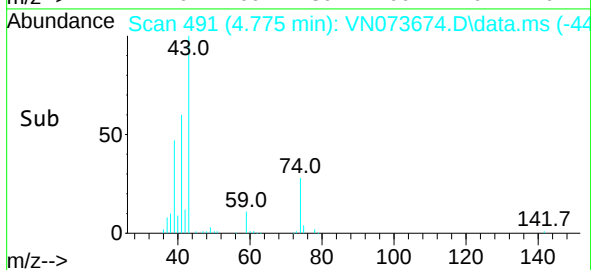
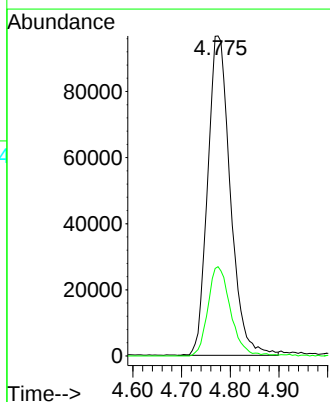
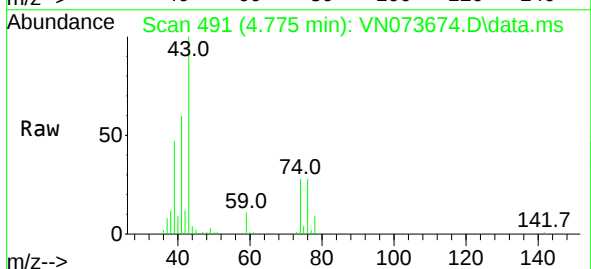
Manual Integrations
APPROVED

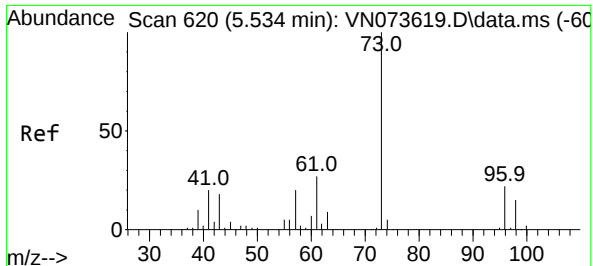
Reviewed By :John Carlone 08/02/2022
Supervised By :Mahesh Dadoda 08/02/2022



#18
Methyl Acetate
Concen: 45.965 ug/l
RT: 4.775 min Scan# 491
Delta R.T. -0.006 min
Lab File: VN073674.D
Acq: 01 Aug 2022 21:02

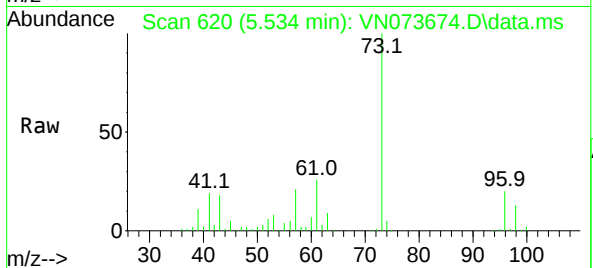
Tgt Ion: 43 Resp: 312136
Ion Ratio Lower Upper
43 100
74 27.9 21.6 32.4





#19
Methyl tert-butyl Ether
Concen: 49.235 ug/l
RT: 5.534 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN073674.D
Acq: 01 Aug 2022 21:02

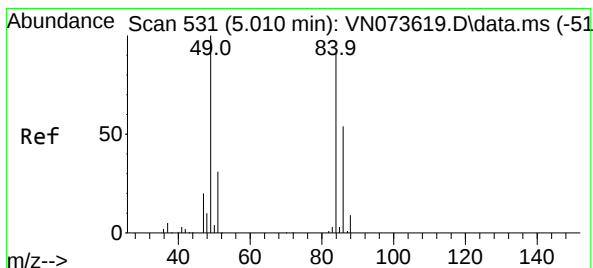
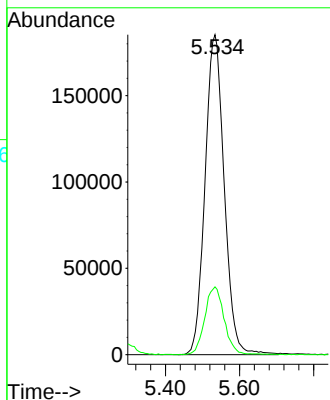
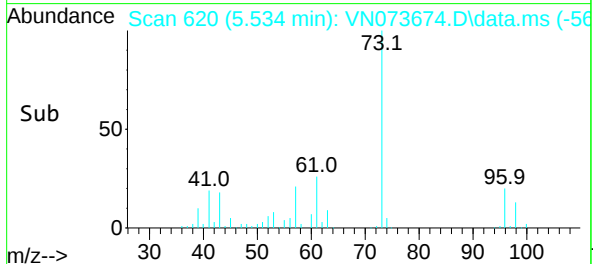
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 665470
Ion Ratio Lower Upper
73 100
57 21.2 17.6 26.4

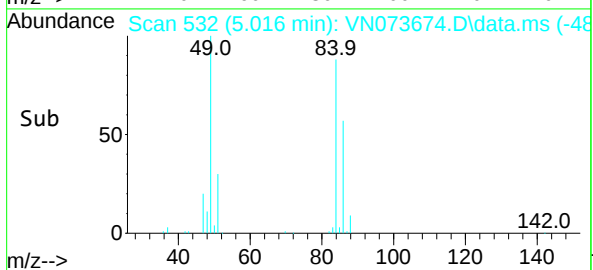
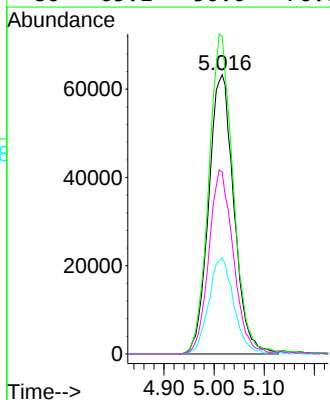
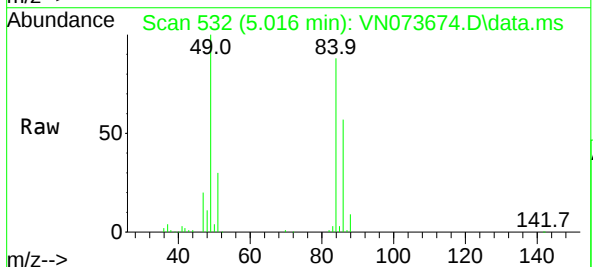
Manual Integrations
APPROVED

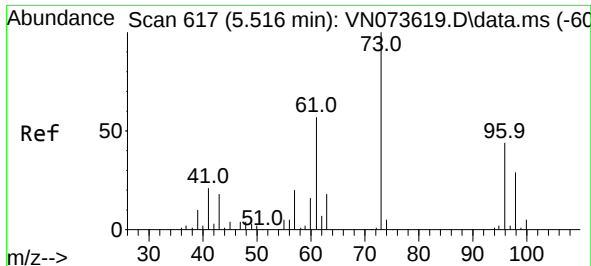
Reviewed By :John Carlone 08/02/2022
Supervised By :Mahesh Dadoda 08/02/2022



#20
Methylene Chloride
Concen: 50.131 ug/l
RT: 5.016 min Scan# 532
Delta R.T. 0.006 min
Lab File: VN073674.D
Acq: 01 Aug 2022 21:02

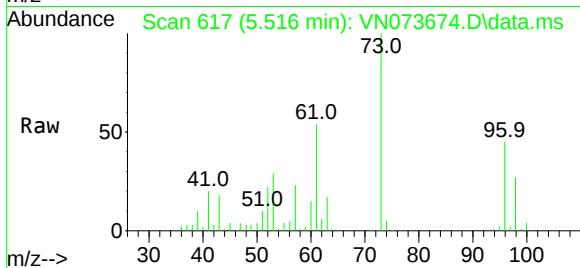
Tgt Ion: 84 Resp: 221337
Ion Ratio Lower Upper
84 100
49 113.7 88.3 132.5
51 34.4 28.2 42.2
86 65.1 50.6 76.0





#21
trans-1,2-Dichloroethene
Concen: 46.616 ug/l
RT: 5.516 min Scan# 617
Delta R.T. -0.000 min
Lab File: VN073674.D
Acq: 01 Aug 2022 21:02

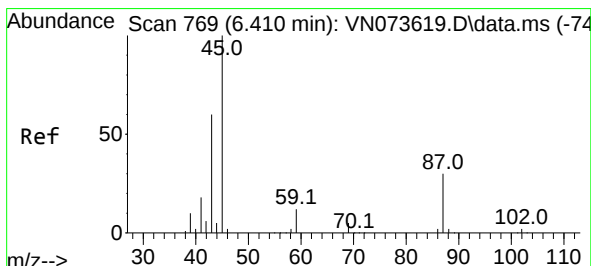
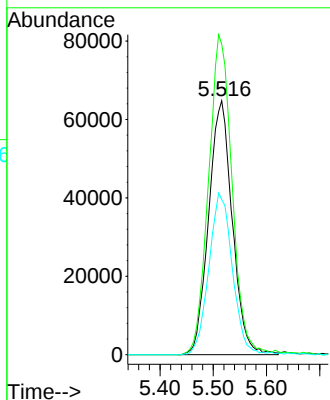
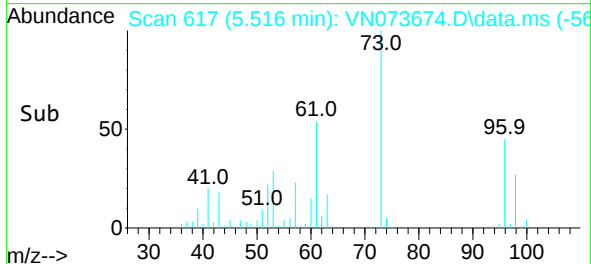
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



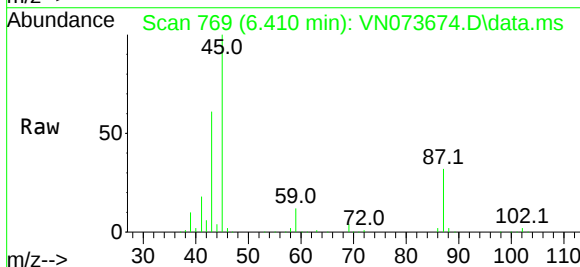
Tgt Ion: 96 Resp: 199649
Ion Ratio Lower Upper
96 100
61 122.3 105.8 158.8
98 61.1 50.3 75.5

Manual Integrations
APPROVED

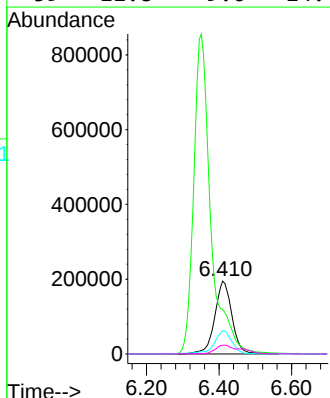
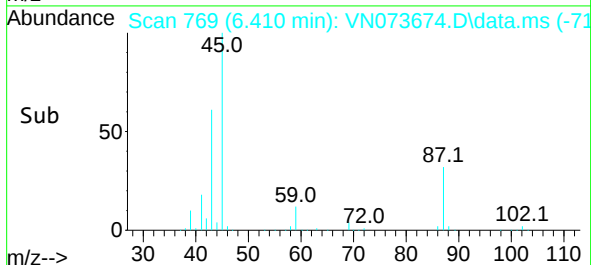
Reviewed By :John Carlone 08/02/2022
Supervised By :Mahesh Dadoda 08/02/2022



#22
Diisopropyl ether
Concen: 46.982 ug/l
RT: 6.410 min Scan# 769
Delta R.T. -0.000 min
Lab File: VN073674.D
Acq: 01 Aug 2022 21:02



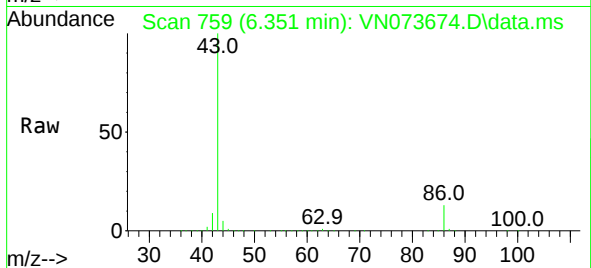
Tgt Ion: 45 Resp: 641159
Ion Ratio Lower Upper
45 100
43 60.4 46.6 70.0
87 31.5 24.3 36.5
59 11.8 9.6 14.4





#23
 Vinyl Acetate
 Concen: 244.744 ug/l
 RT: 6.351 min Scan# 759
 Delta R.T. 0.000 min
 Lab File: VN073674.D
 Acq: 01 Aug 2022 21:02

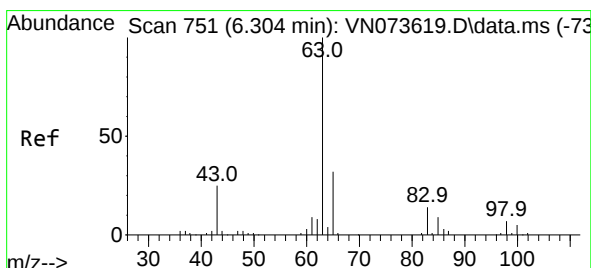
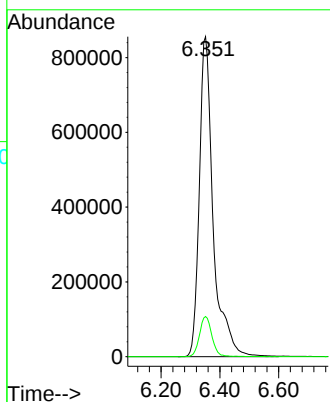
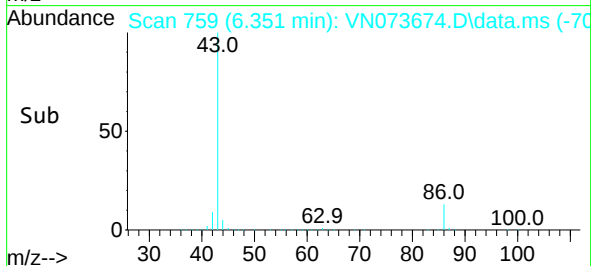
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



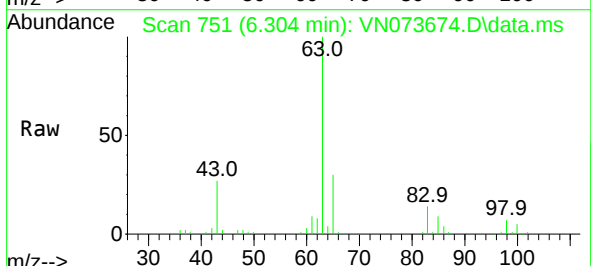
Tgt Ion: 43 Resp: 2800279
 Ion Ratio Lower Upper
 43 100
 86 12.5 10.0 15.0

Manual Integrations
 APPROVED

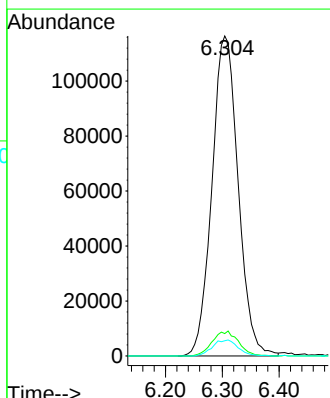
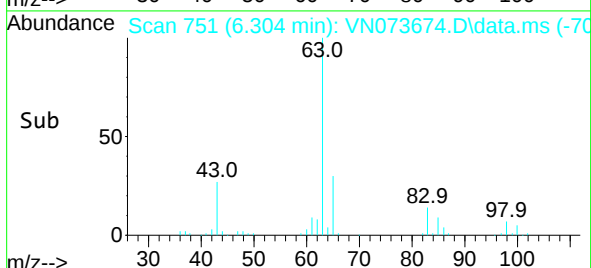
Reviewed By :John Carlone 08/02/2022
 Supervised By :Mahesh Dadoda 08/02/2022



#24
 1,1-Dichloroethane
 Concen: 44.459 ug/l
 RT: 6.304 min Scan# 751
 Delta R.T. -0.000 min
 Lab File: VN073674.D
 Acq: 01 Aug 2022 21:02



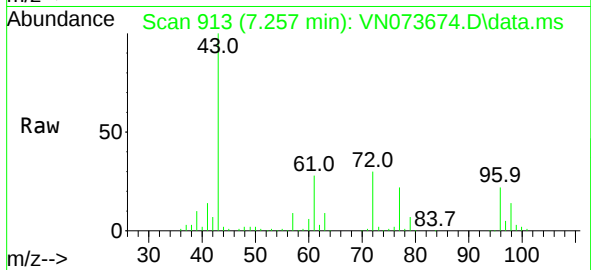
Tgt Ion: 63 Resp: 373257
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.5 10.4
 100 4.7 2.3 6.8





#25
2-Butanone
Concen: 226.222 ug/l
RT: 7.257 min Scan# 913
Delta R.T. 0.000 min
Lab File: VN073674.D
Acq: 01 Aug 2022 21:02

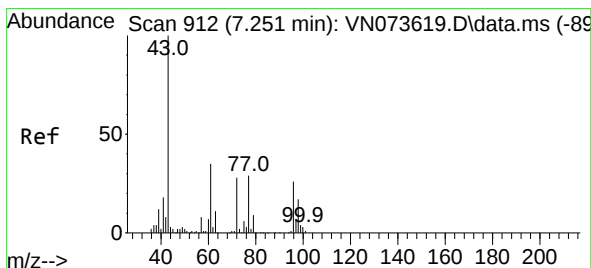
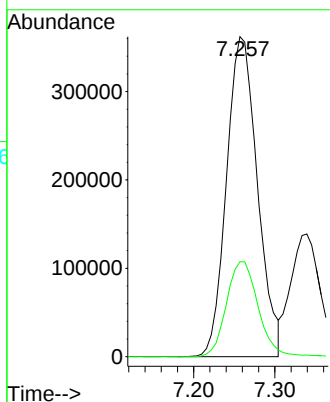
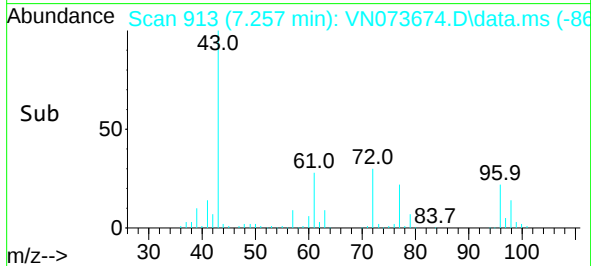
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



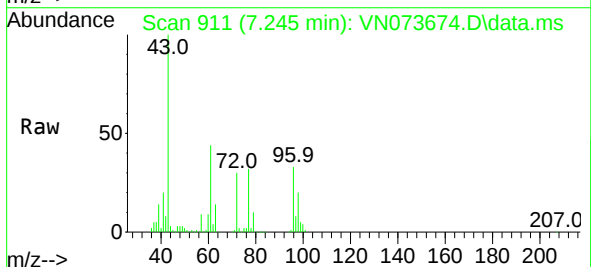
Tgt Ion: 43 Resp: 958936
Ion Ratio Lower Upper
43 100
72 29.6 23.7 35.5

Manual Integrations
APPROVED

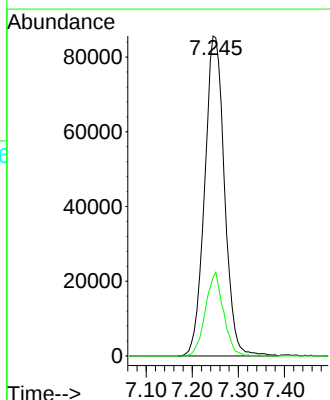
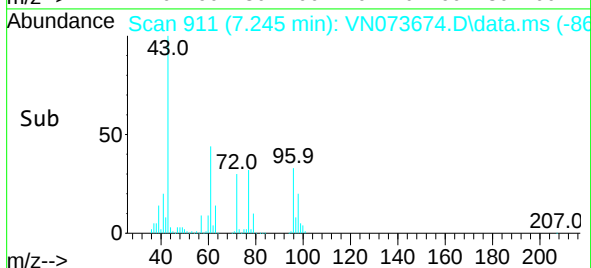
Reviewed By :John Carlone 08/02/2022
Supervised By :Mahesh Dadoda 08/02/2022

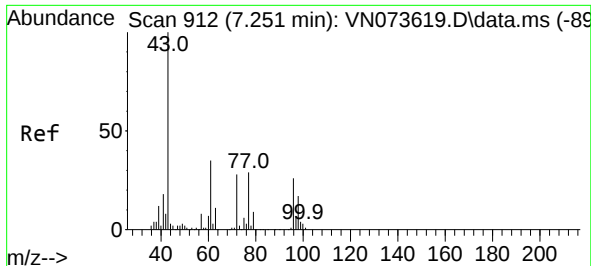


#26
2,2-Dichloropropane
Concen: 39.615 ug/l
RT: 7.245 min Scan# 911
Delta R.T. -0.006 min
Lab File: VN073674.D
Acq: 01 Aug 2022 21:02



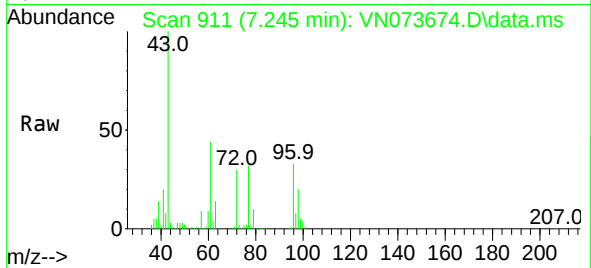
Tgt Ion: 77 Resp: 255889
Ion Ratio Lower Upper
77 100
97 23.9 11.4 34.2





#27
 cis-1,2-Dichloroethene
 Concen: 46.162 ug/l
 RT: 7.245 min Scan# 911
 Delta R.T. -0.006 min
 Lab File: VN073674.D
 Acq: 01 Aug 2022 21:02

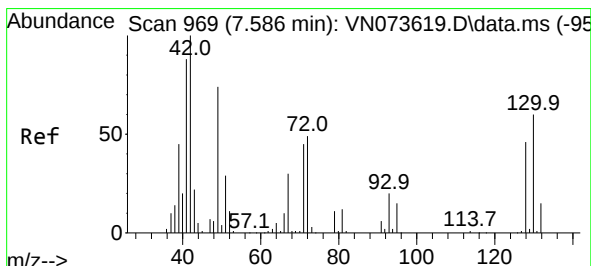
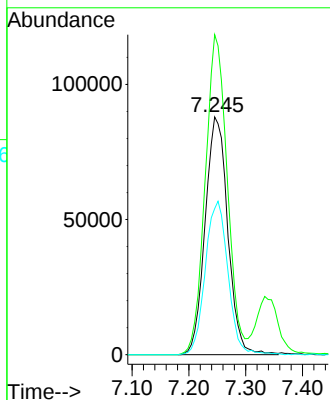
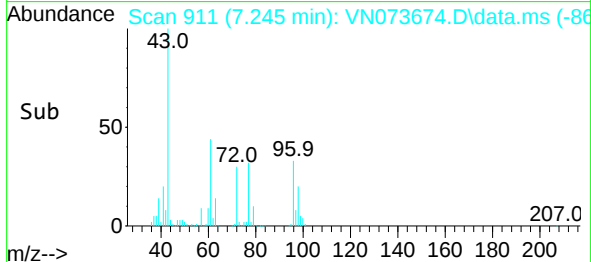
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 24358
 Ion Ratio Lower Upper
 96 100
 61 130.3 0.0 280.6
 98 64.7 0.0 128.4

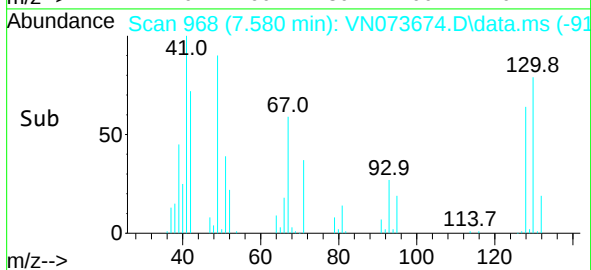
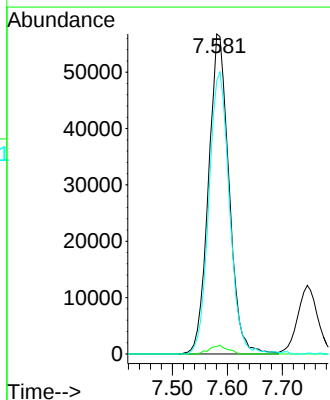
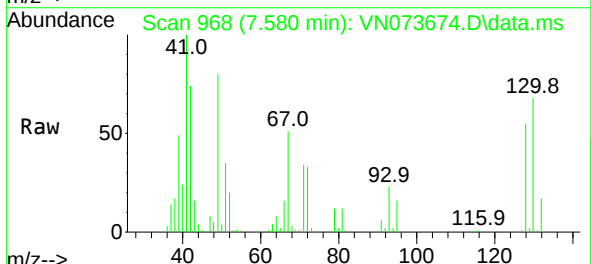
Manual Integrations
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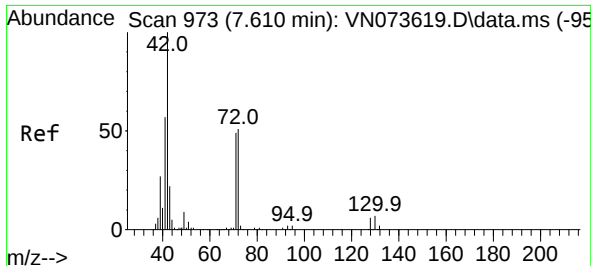
Reviewed By :John Carlone 08/02/2022
 Supervised By :Mahesh Dadoda 08/02/2022



#28
 Bromochloromethane
 Concen: 41.721 ug/l
 RT: 7.580 min Scan# 968
 Delta R.T. -0.006 min
 Lab File: VN073674.D
 Acq: 01 Aug 2022 21:02

Tgt Ion: 49 Resp: 147072
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 4.6
 130 88.5 69.7 104.5





#29

Tetrahydrofuran

Concen: 234.695 ug/l

RT: 7.610 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN073674.D

Acq: 01 Aug 2022 21:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

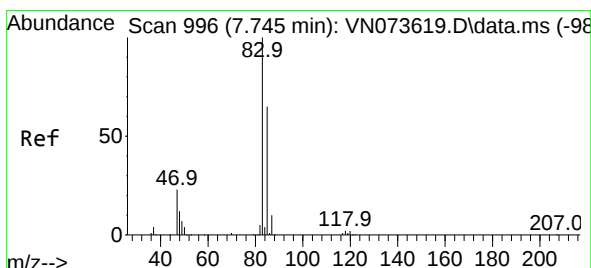
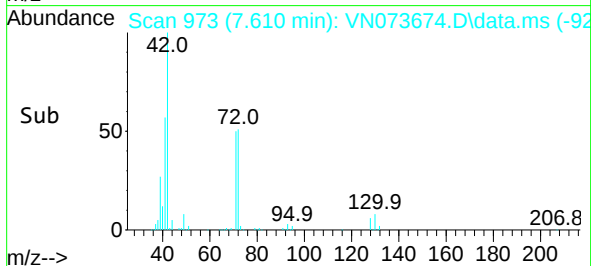
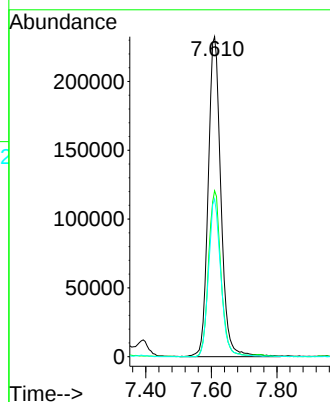
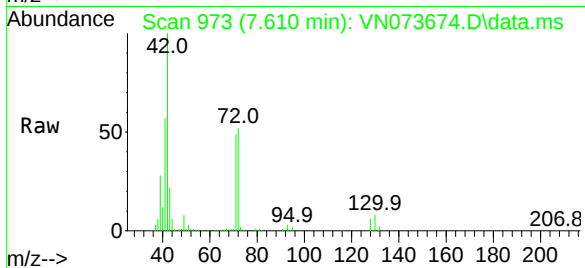
Tgt Ion: 42 Resp: 628995
 Ion Ratio Lower Upper
 42 100
 72 50.5 39.7 59.5
 71 47.6 36.6 55.0

Manual Integrations

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Reviewed By :John Carlone 08/02/2022

Supervised By :Mahesh Dadoda 08/02/2022



#30

Chloroform

Concen: 44.900 ug/l

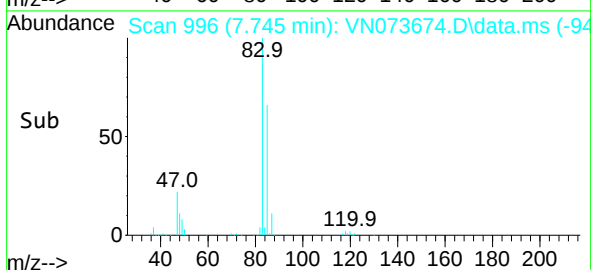
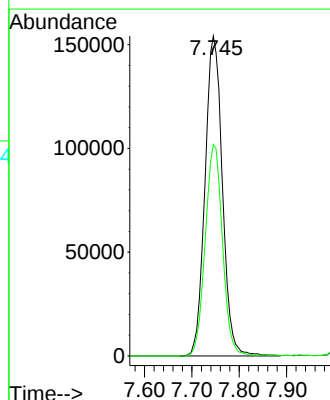
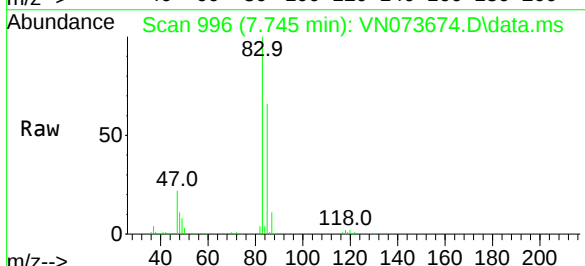
RT: 7.745 min Scan# 996

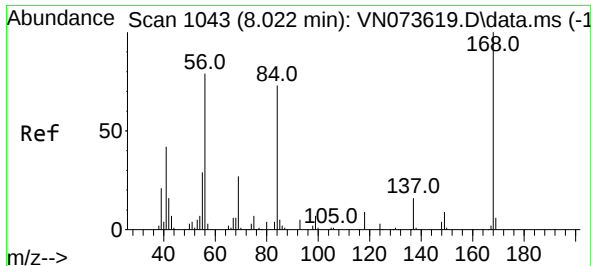
Delta R.T. -0.000 min

Lab File: VN073674.D

Acq: 01 Aug 2022 21:02

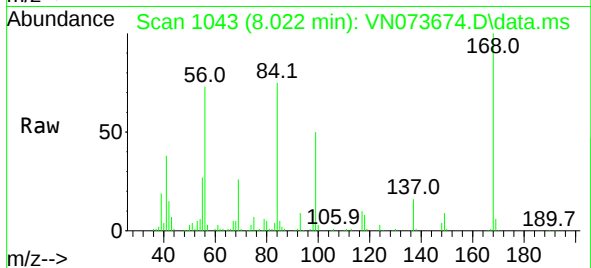
Tgt Ion: 83 Resp: 392757
 Ion Ratio Lower Upper
 83 100
 85 66.1 51.8 77.8





#31
Cyclohexane
Concen: 42.840 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. -0.000 min
Lab File: VN073674.D
Acq: 01 Aug 2022 21:02

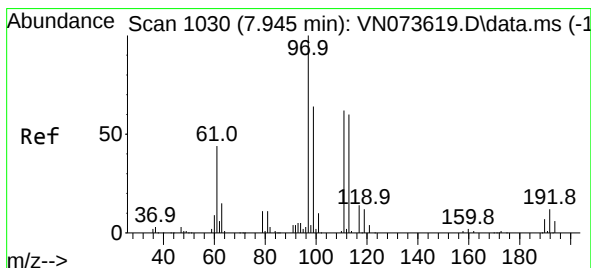
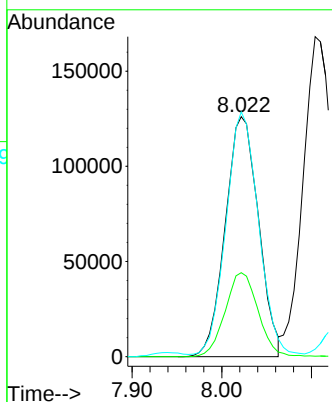
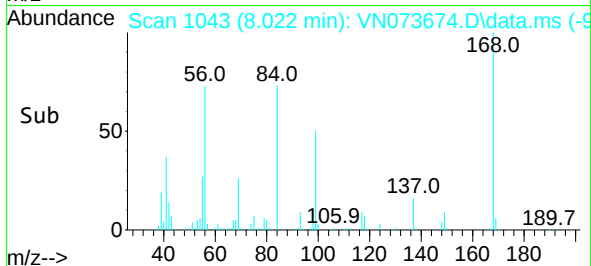
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



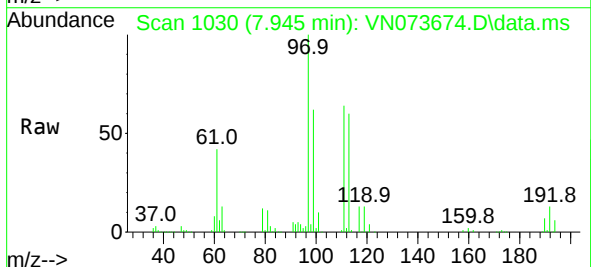
Tgt Ion: 56 Resp: 324120
Ion Ratio Lower Upper
56 100
69 35.0 27.8 41.8
84 100.4 76.9 115.3

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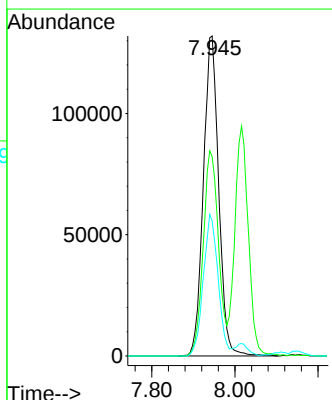
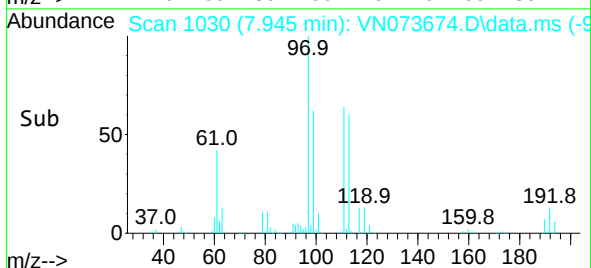
Reviewed By :John Carlone 08/02/2022
Supervised By :Mahesh Dadoda 08/02/2022

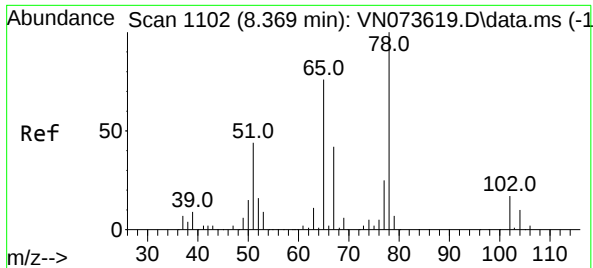


#32
1,1,1-Trichloroethane
Concen: 46.520 ug/l
RT: 7.945 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VN073674.D
Acq: 01 Aug 2022 21:02



Tgt Ion: 97 Resp: 337880
Ion Ratio Lower Upper
97 100
99 64.0 50.6 76.0
61 42.9 36.0 54.0





#33

1,2-Dichloroethane-d4

Concen: 48.084 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VN073674.D

Acq: 01 Aug 2022 21:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 244360

Ion Ratio Lower Upper

65 100

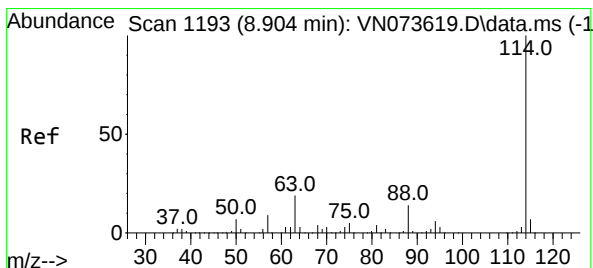
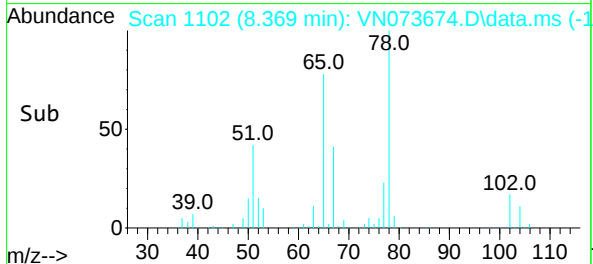
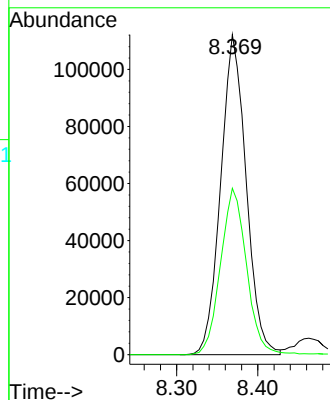
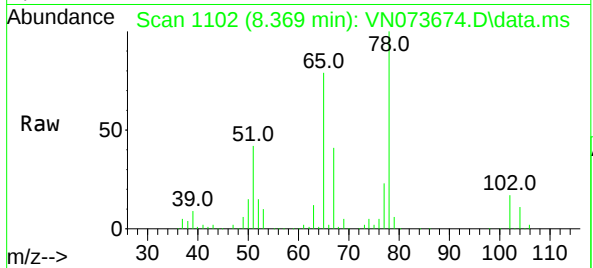
67 53.3 0.0 104.8

Manual Integrations

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Reviewed By :John Carlone 08/02/2022

Supervised By :Mahesh Dadoda 08/02/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. -0.000 min

Lab File: VN073674.D

Acq: 01 Aug 2022 21:02

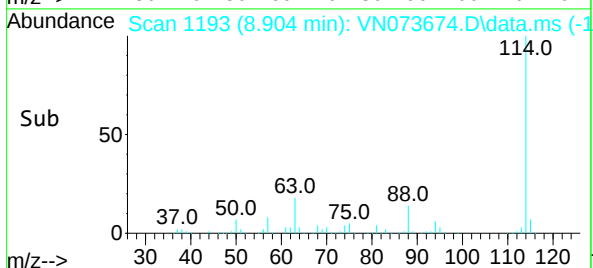
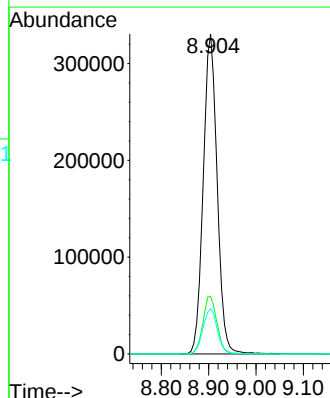
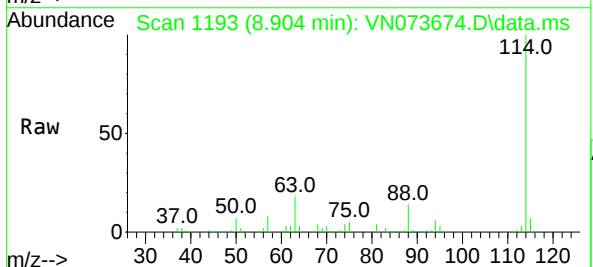
Tgt Ion:114 Resp: 672570

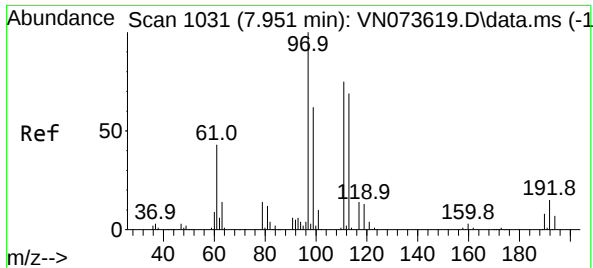
Ion Ratio Lower Upper

114 100

63 17.9 0.0 40.0

88 14.1 0.0 32.6





#35

Dibromofluoromethane

Concen: 50.387 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. -0.000 min

Lab File: VN073674.D

Acq: 01 Aug 2022 21:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:113 Resp: 212800

Ion Ratio Lower Upper

113 100

111 103.2 81.4 122.0

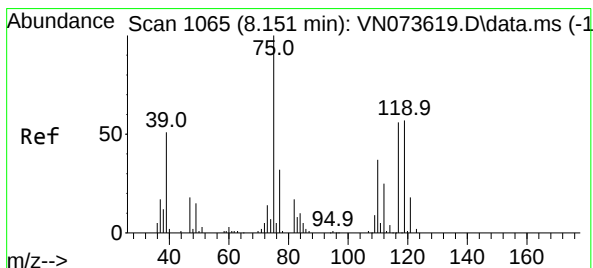
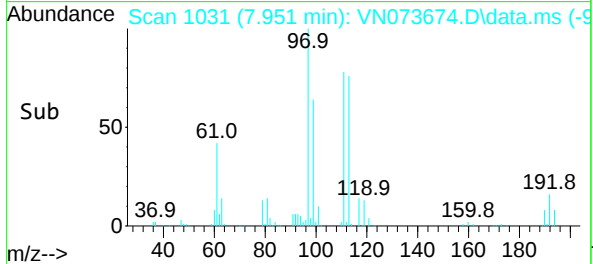
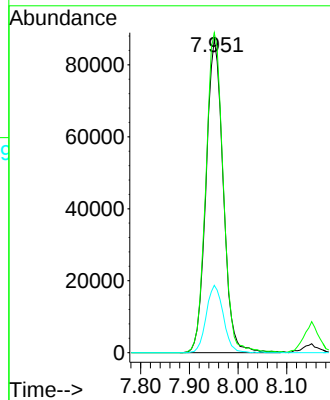
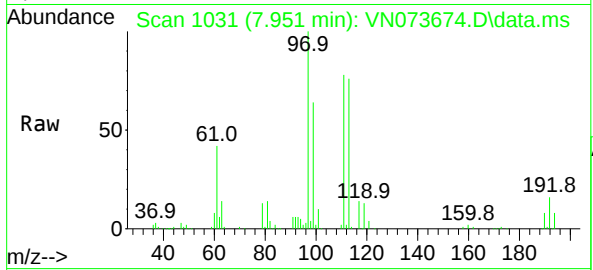
192 21.3 17.0 25.6

Manual Integrations

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Reviewed By :John Carlone 08/02/2022

Supervised By :Mahesh Dadoda 08/02/2022



#36

1,1-Dichloropropene

Concen: 47.411 ug/l

RT: 8.151 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VN073674.D

Acq: 01 Aug 2022 21:02

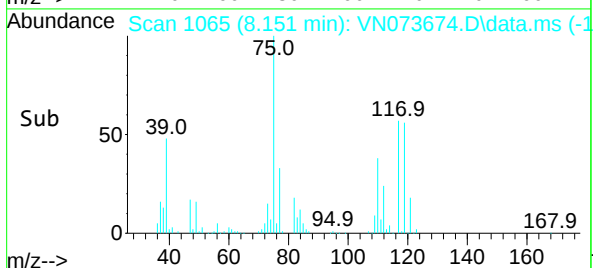
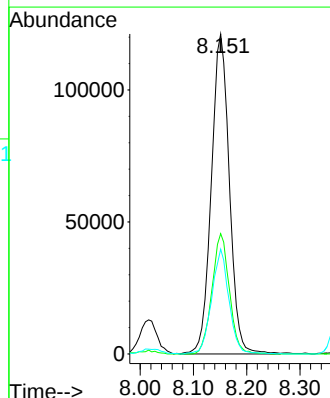
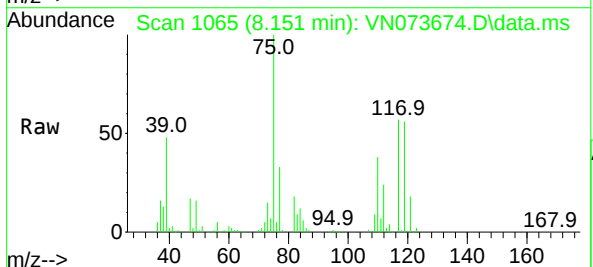
Tgt Ion: 75 Resp: 285381

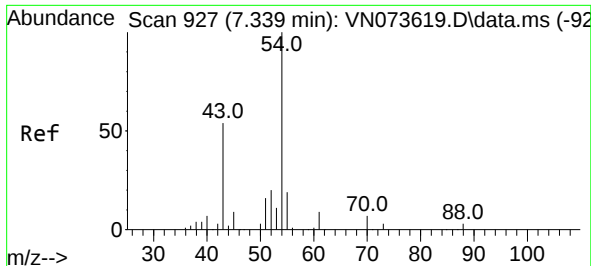
Ion Ratio Lower Upper

75 100

110 36.2 18.3 54.8

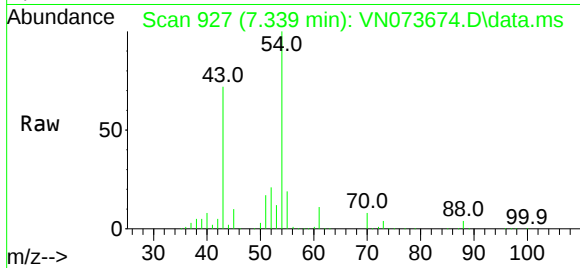
77 31.5 25.1 37.7





#37
Ethyl Acetate
Concen: 46.499 ug/l
RT: 7.339 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN073674.D
Acq: 01 Aug 2022 21:02

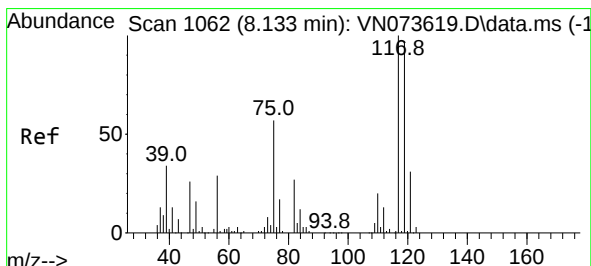
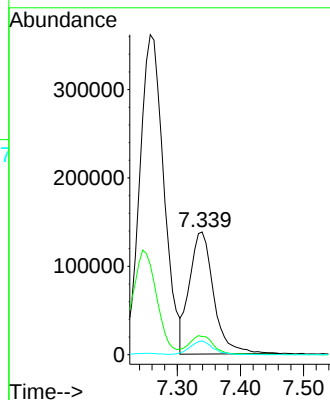
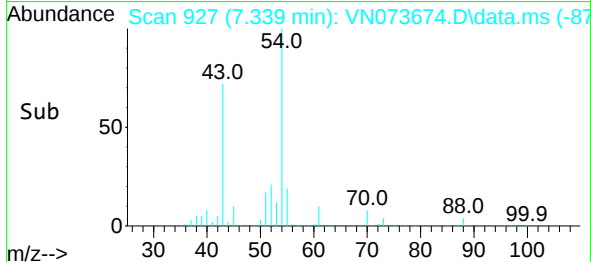
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 36860
Ion Ratio Lower Upper
43 100
61 15.2 11.8 17.6
70 10.7 9.3 13.9

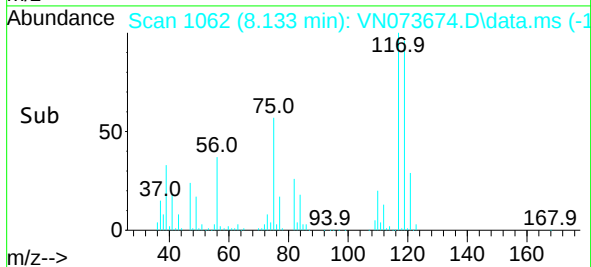
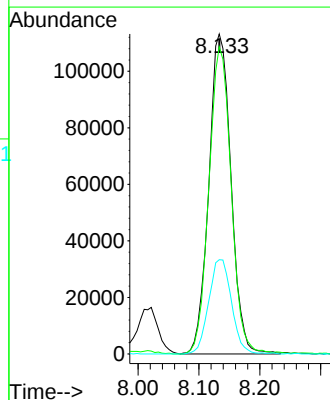
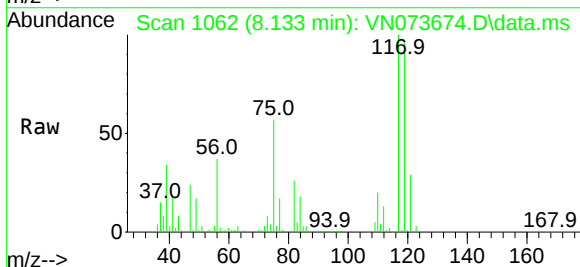
Manual Integrations
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Reviewed By :John Carlone 08/02/2022
Supervised By :Mahesh Dadoda 08/02/2022



#38
Carbon Tetrachloride
Concen: 47.066 ug/l
RT: 8.133 min Scan# 1062
Delta R.T. -0.000 min
Lab File: VN073674.D
Acq: 01 Aug 2022 21:02

Tgt Ion:117 Resp: 287737
Ion Ratio Lower Upper
117 100
119 96.0 75.8 113.8
121 29.5 24.6 37.0





#39

Methylcyclohexane

Concen: 48.890 ug/l

RT: 9.398 min Scan# 1106

Delta R.T. -0.000 min

Lab File: VN073674.D

Acq: 01 Aug 2022 21:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 351659

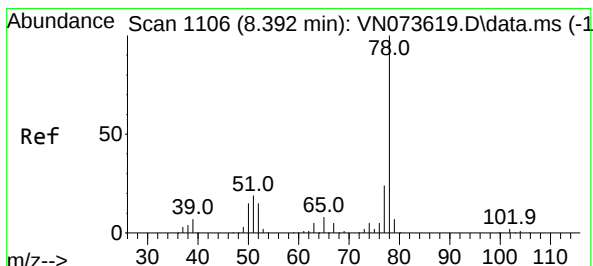
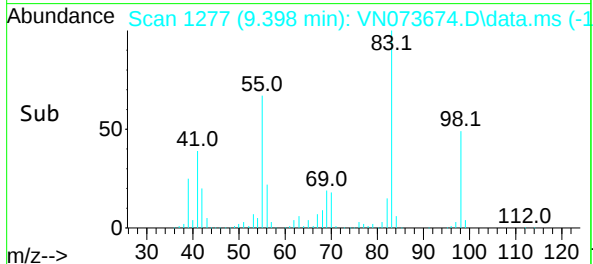
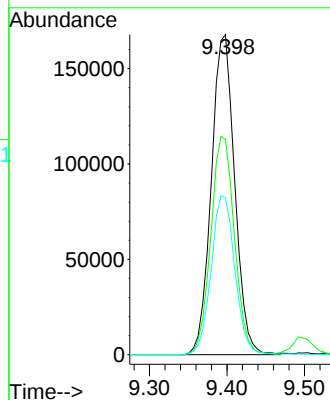
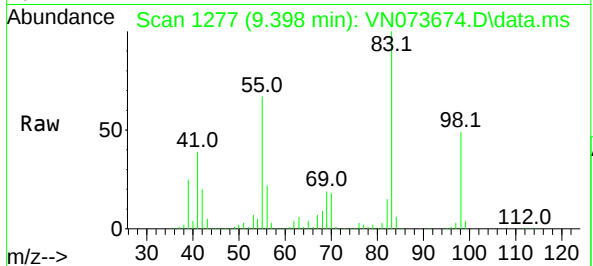
Ion	Ratio	Lower	Upper
83	100		
55	67.3	57.8	86.8
98	49.0	39.4	59.2

Manual Integrations

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Reviewed By :John Carlone 08/02/2022

Supervised By :Mahesh Dadoda 08/02/2022



#40

Benzene

Concen: 46.417 ug/l

RT: 8.392 min Scan# 1106

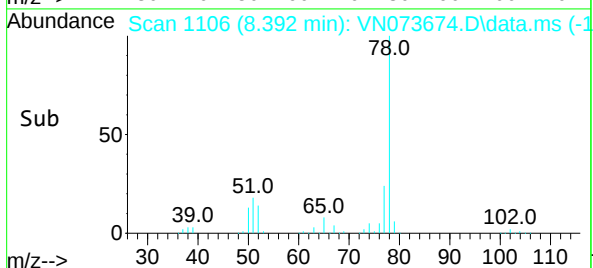
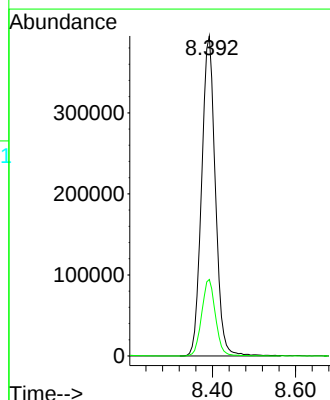
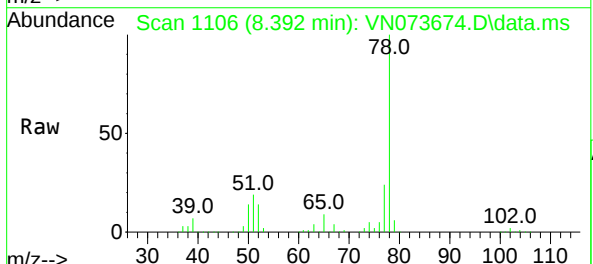
Delta R.T. -0.000 min

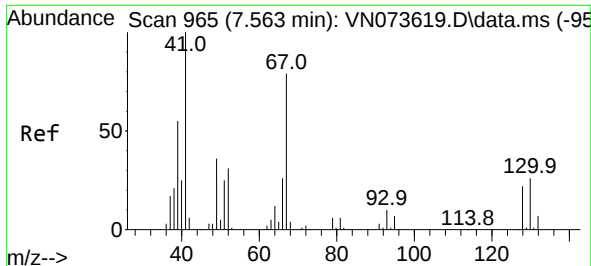
Lab File: VN073674.D

Acq: 01 Aug 2022 21:02

Tgt Ion: 78 Resp: 907269

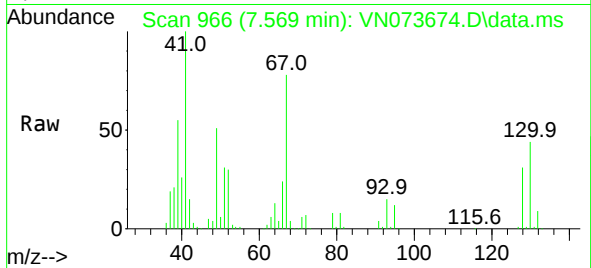
Ion	Ratio	Lower	Upper
78	100		
77	23.9	19.4	29.0





#41
Methacrylonitrile
Concen: 49.992 ug/l m
RT: 7.569 min Scan# 965
Delta R.T. 0.006 min
Lab File: VN073674.D
Acq: 01 Aug 2022 21:02

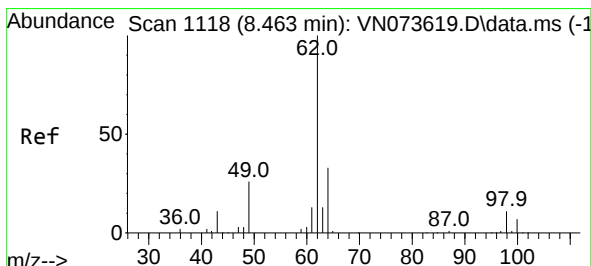
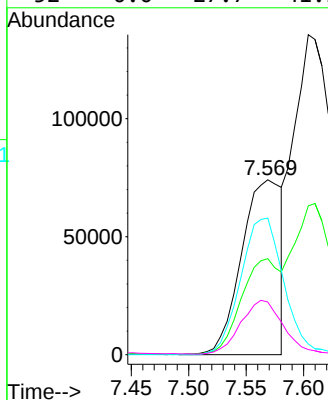
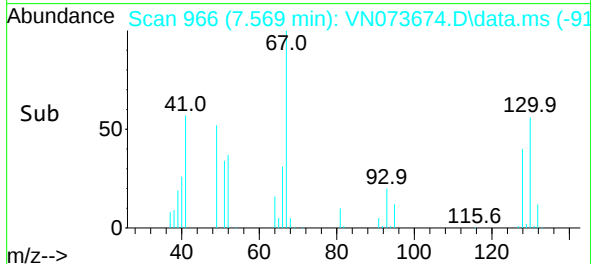
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 179324
Ion Ratio Lower Upper
41 100
39 94.1 48.6 73.0
67 0.0 73.4 110.2
52 0.0 27.7 41.5

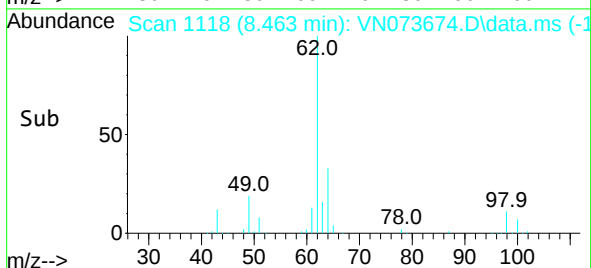
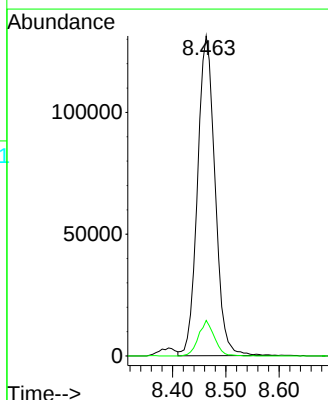
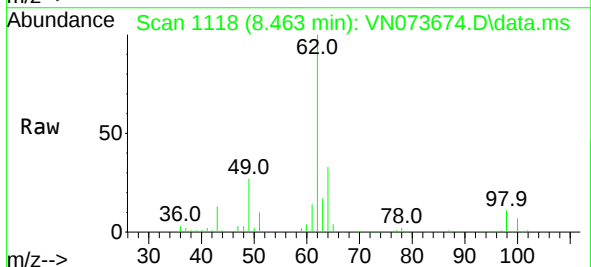
Manual Integrations
APPROVED

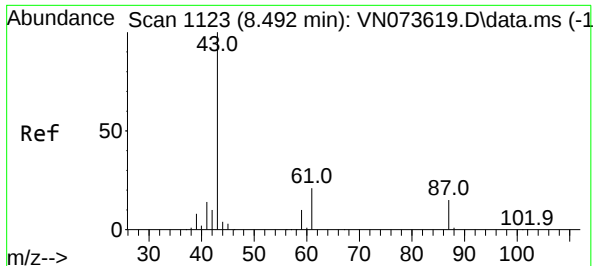
Reviewed By :John Carlone 08/02/2022
Supervised By :Mahesh Dadoda 08/02/2022



#42
1,2-Dichloroethane
Concen: 45.553 ug/l
RT: 8.463 min Scan# 1118
Delta R.T. -0.000 min
Lab File: VN073674.D
Acq: 01 Aug 2022 21:02

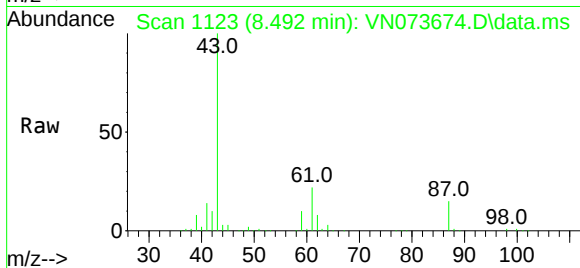
Tgt Ion: 62 Resp: 300084
Ion Ratio Lower Upper
62 100
98 10.1 0.0 19.4





#43
Isopropyl Acetate
Concen: 48.794 ug/l
RT: 8.492 min Scan# 1123
Delta R.T. -0.000 min
Lab File: VN073674.D
Acq: 01 Aug 2022 21:02

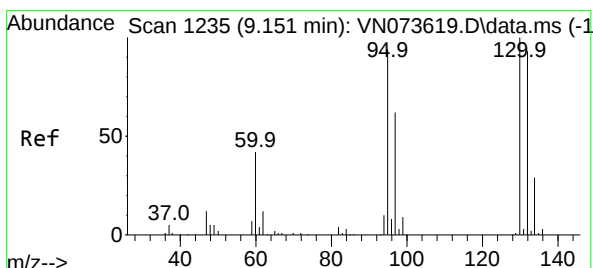
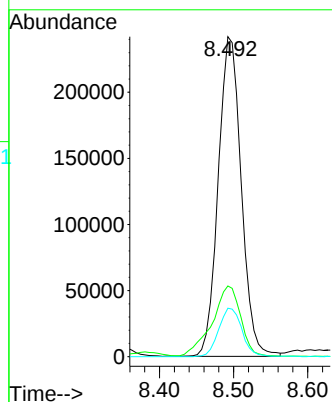
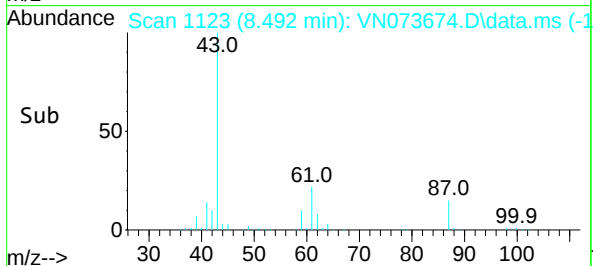
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



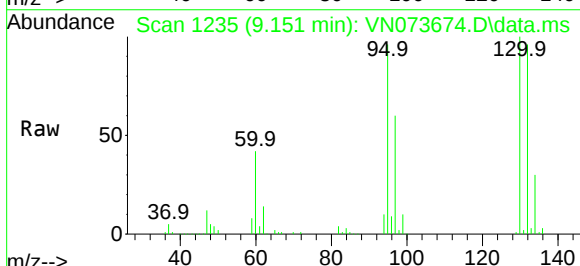
Tgt Ion: 43 Resp: 522449
Ion Ratio Lower Upper
43 100
61 27.6 21.9 32.9
87 15.3 12.0 18.0

Manual Integrations
APPROVED

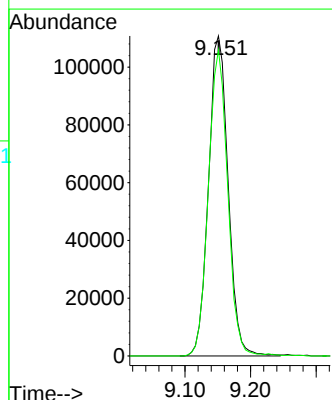
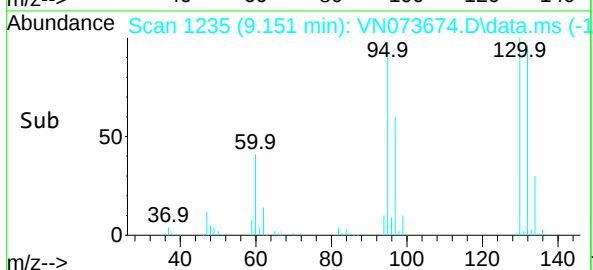
Reviewed By :John Carlone 08/02/2022
Supervised By :Mahesh Dadoda 08/02/2022

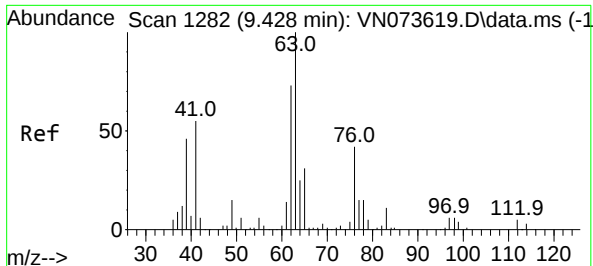


#44
Trichloroethene
Concen: 46.507 ug/l
RT: 9.151 min Scan# 1235
Delta R.T. -0.000 min
Lab File: VN073674.D
Acq: 01 Aug 2022 21:02



Tgt Ion:130 Resp: 230520
Ion Ratio Lower Upper
130 100
95 95.7 0.0 186.8





#45

1,2-Dichloropropane

Concen: 45.923 ug/l

RT: 9.427 min Scan# 1282

Delta R.T. -0.000 min

Lab File: VN073674.D

Acq: 01 Aug 2022 21:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 22436

Ion Ratio Lower Upper

63 100

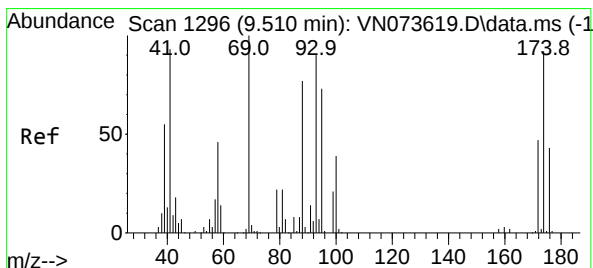
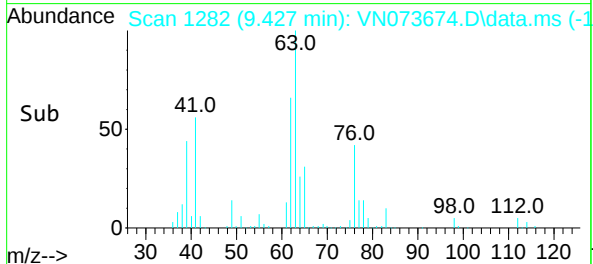
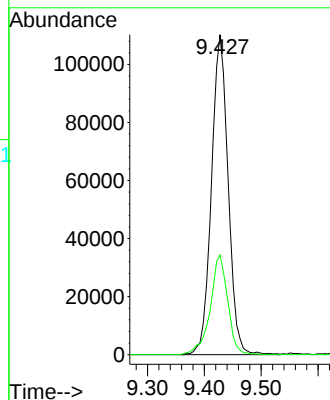
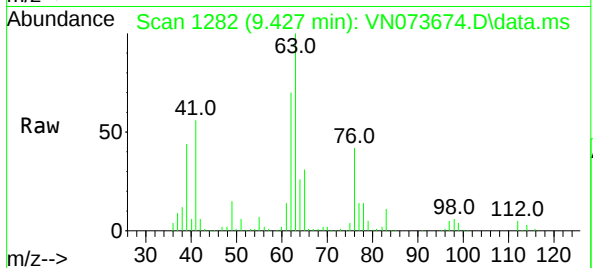
65 31.1 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/02/2022

Supervised By :Mahesh Dadoda 08/02/2022



#46

Dibromomethane

Concen: 46.991 ug/l

RT: 9.516 min Scan# 1297

Delta R.T. 0.006 min

Lab File: VN073674.D

Acq: 01 Aug 2022 21:02

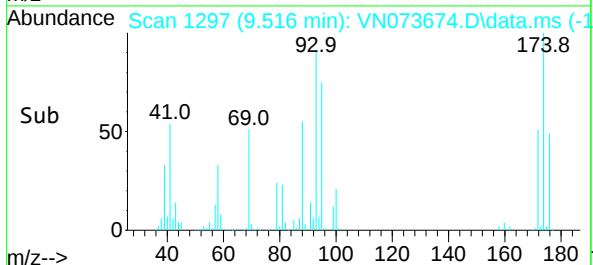
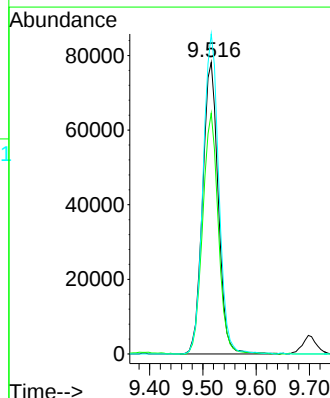
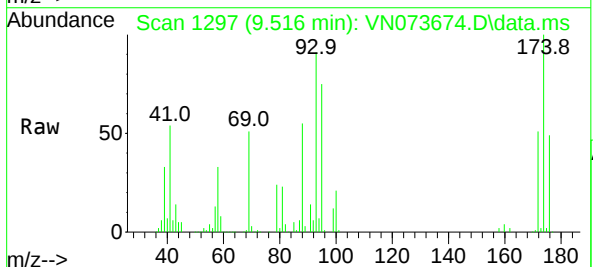
Tgt Ion: 93 Resp: 159340

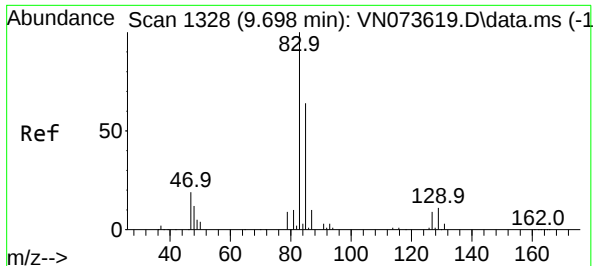
Ion Ratio Lower Upper

93 100

95 82.5 66.9 100.3

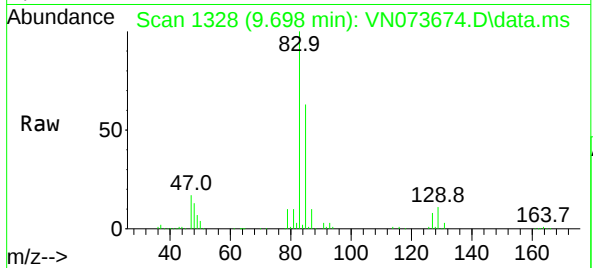
174 110.4 86.6 130.0





#47
Bromodichloromethane
Concen: 46.831 ug/l
RT: 9.698 min Scan# 1328
Delta R.T. -0.000 min
Lab File: VN073674.D
Acq: 01 Aug 2022 21:02

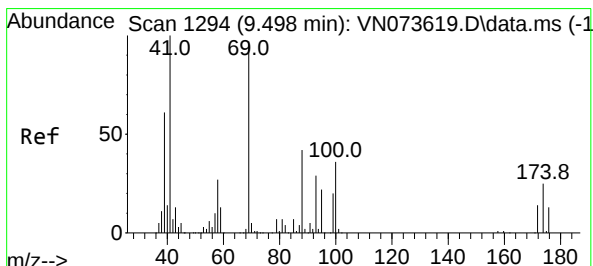
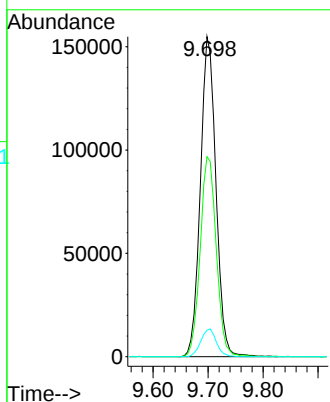
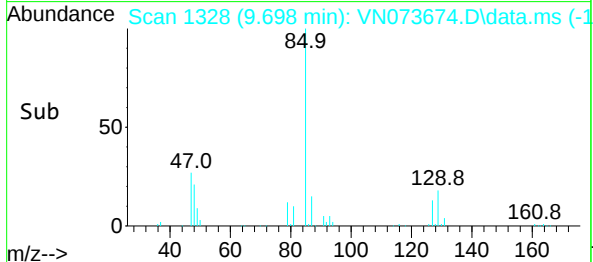
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



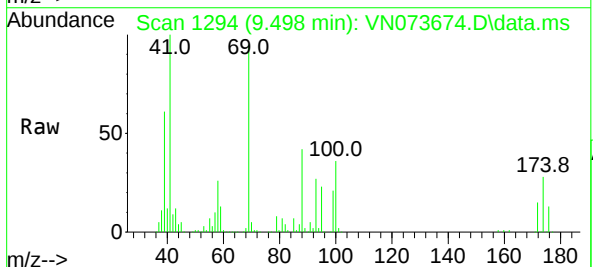
Tgt Ion: 83 Resp: 304770
Ion Ratio Lower Upper
83 100
85 62.5 50.5 75.7
127 8.2 6.8 10.2

Manual Integrations
APPROVED

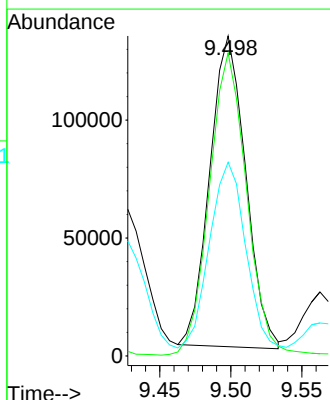
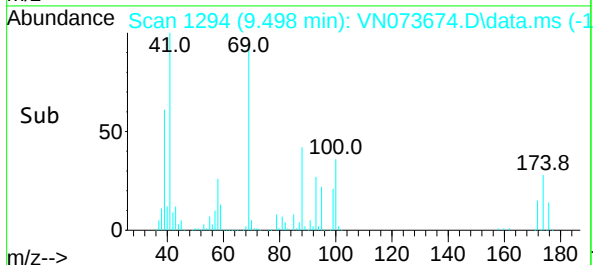
Reviewed By :John Carlone 08/02/2022
Supervised By :Mahesh Dadoda 08/02/2022

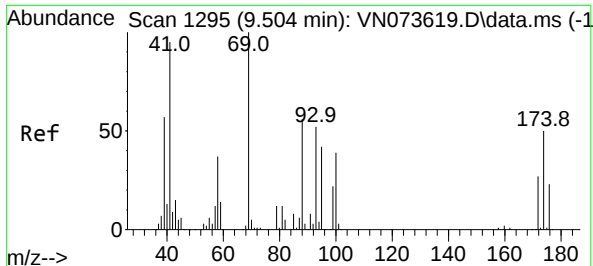


#48
Methyl methacrylate
Concen: 49.462 ug/l
RT: 9.498 min Scan# 1294
Delta R.T. -0.000 min
Lab File: VN073674.D
Acq: 01 Aug 2022 21:02



Tgt Ion: 41 Resp: 231817
Ion Ratio Lower Upper
41 100
69 101.3 74.7 112.1
39 60.8 45.6 68.4





#49

1,4-Dioxane

Concen: 988.228 ug/l

RT: 9.504 min Scan# 1295

Delta R.T. -0.000 min

Lab File: VN073674.D

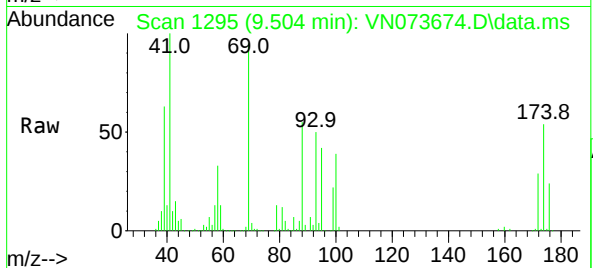
Acq: 01 Aug 2022 21:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 88 Resp: 130559

Ion Ratio Lower Upper

88 100

43 27.4 20.2 30.4

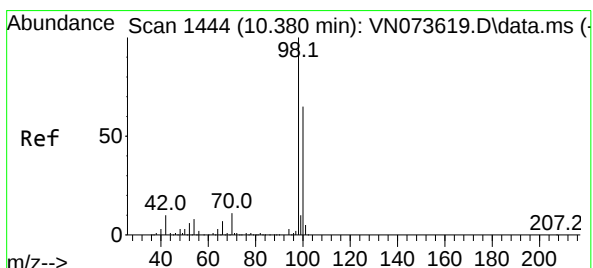
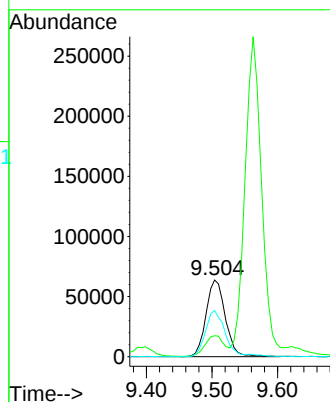
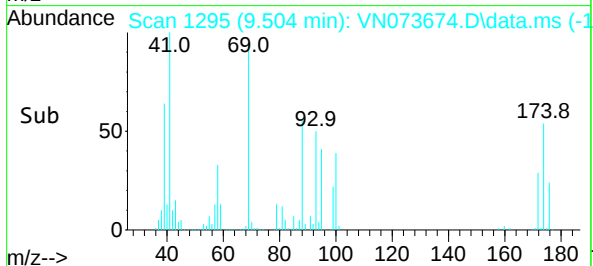
58 60.2 54.2 81.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/02/2022

Supervised By :Mahesh Dadoda 08/02/2022



#50

Toluene-d8

Concen: 50.770 ug/l

RT: 10.380 min Scan# 1444

Delta R.T. -0.000 min

Lab File: VN073674.D

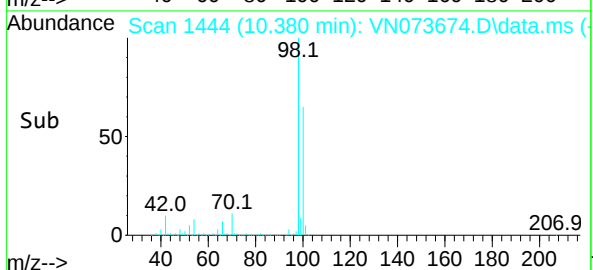
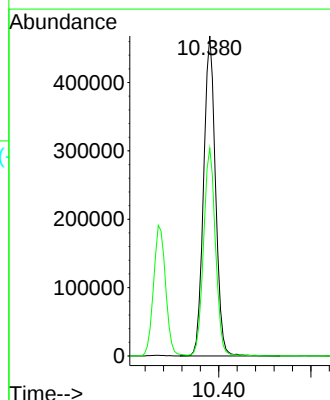
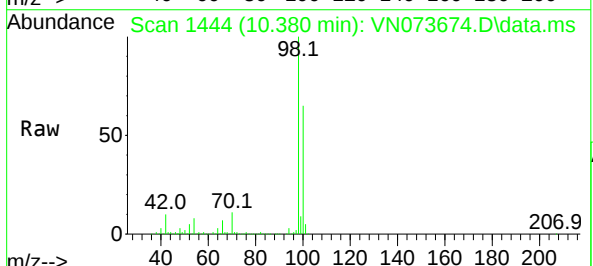
Acq: 01 Aug 2022 21:02

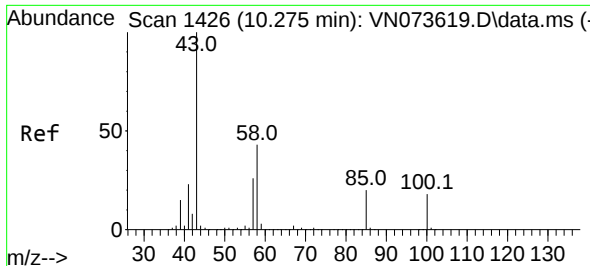
Tgt Ion: 98 Resp: 843755

Ion Ratio Lower Upper

98 100

100 64.9 52.6 78.8





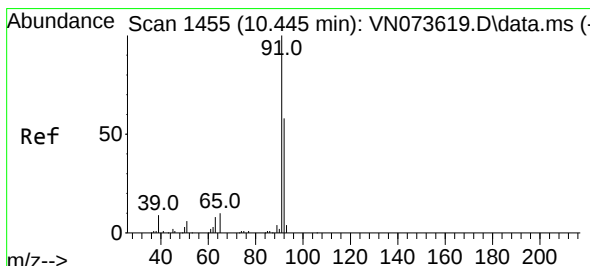
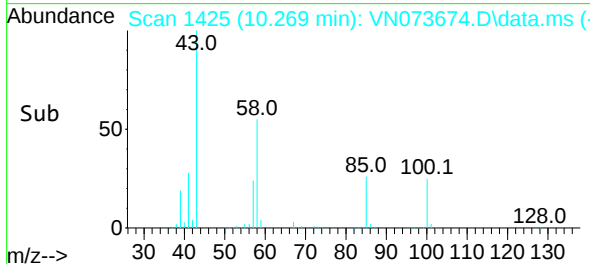
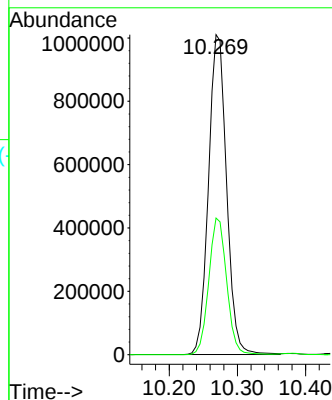
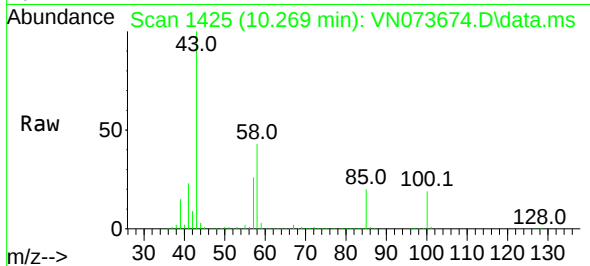
#51
4-Methyl-2-Pentanone
Concen: 242.423 ug/l
RT: 10.269 min Scan# 1425
Delta R.T. -0.006 min
Lab File: VN073674.D
Acq: 01 Aug 2022 21:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 186169
Ion Ratio Lower Upper
43 100
58 42.2 34.1 51.1

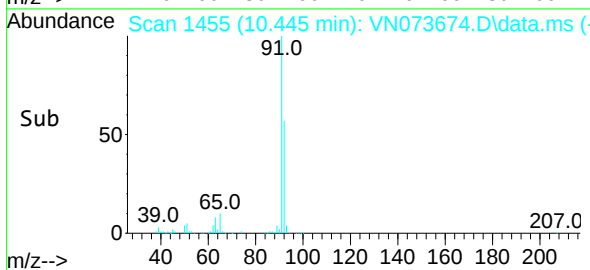
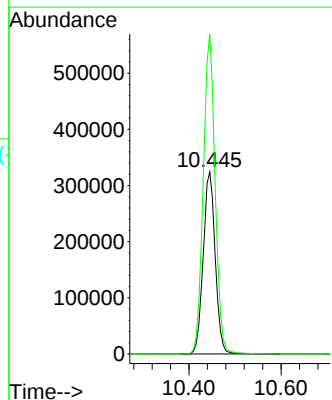
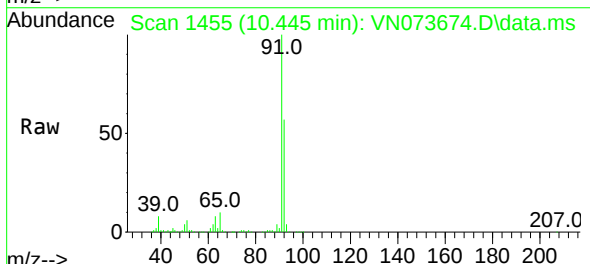
Manual Integrations
APPROVED

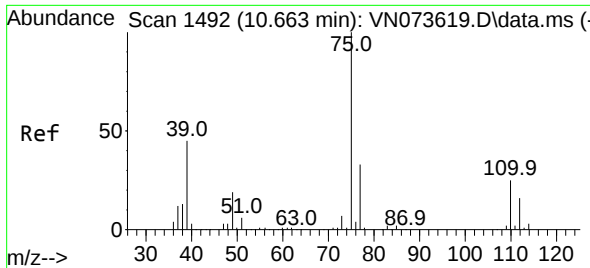
Reviewed By :John Carlone 08/02/2022
Supervised By :Mahesh Dadoda 08/02/2022



#52
Toluene
Concen: 49.346 ug/l
RT: 10.445 min Scan# 1455
Delta R.T. -0.000 min
Lab File: VN073674.D
Acq: 01 Aug 2022 21:02

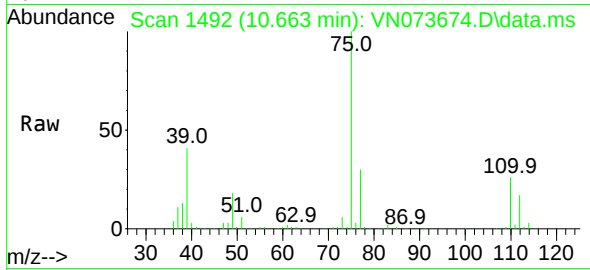
Tgt Ion: 92 Resp: 589144
Ion Ratio Lower Upper
92 100
91 173.4 138.6 207.8





#53
t-1,3-Dichloropropene
Concen: 50.283 ug/l
RT: 10.663 min Scan# 1492
Delta R.T. -0.000 min
Lab File: VN073674.D
Acq: 01 Aug 2022 21:02

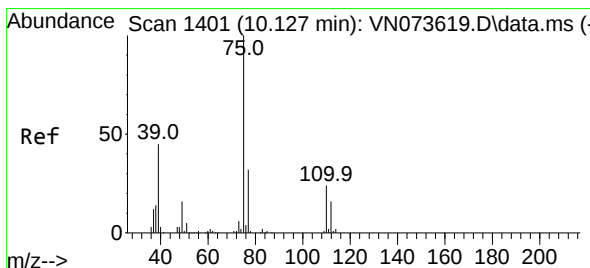
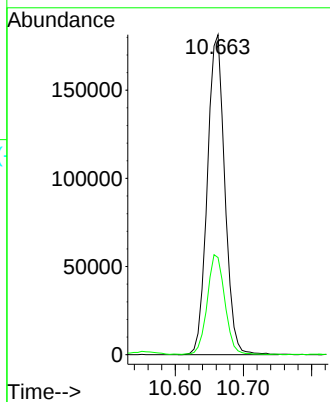
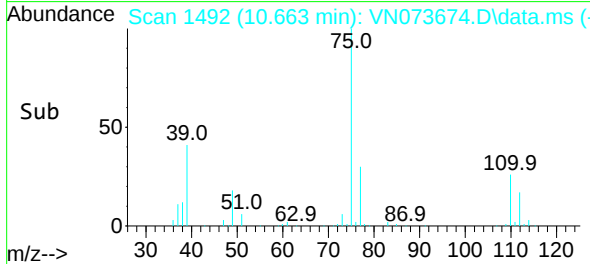
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



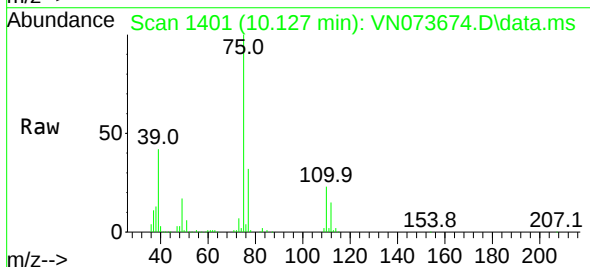
Tgt Ion: 75 Resp: 323280
Ion Ratio Lower Upper
75 100
77 30.2 25.6 38.4

Manual Integrations
APPROVED

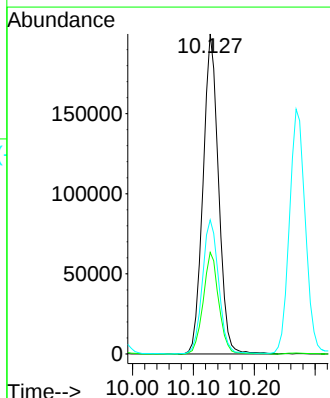
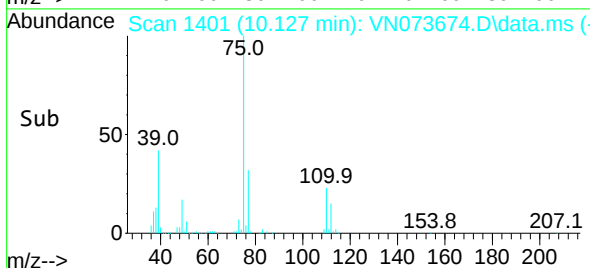
Reviewed By :John Carlone 08/02/2022
Supervised By :Mahesh Dadoda 08/02/2022

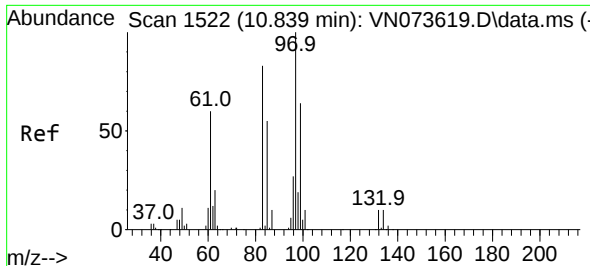


#54
cis-1,3-Dichloropropene
Concen: 48.761 ug/l
RT: 10.127 min Scan# 1401
Delta R.T. -0.000 min
Lab File: VN073674.D
Acq: 01 Aug 2022 21:02



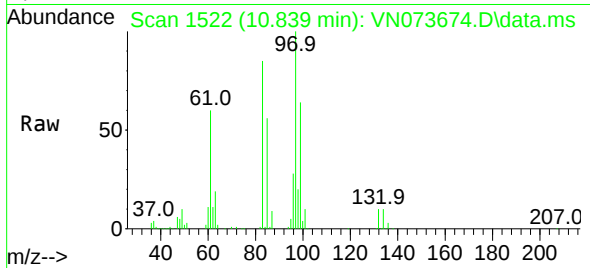
Tgt Ion: 75 Resp: 353278
Ion Ratio Lower Upper
75 100
77 31.8 25.2 37.8
39 41.8 35.7 53.5





#55
1,1,2-Trichloroethane
Concen: 48.285 ug/l
RT: 10.839 min Scan# 1522
Delta R.T. -0.000 min
Lab File: VN073674.D
Acq: 01 Aug 2022 21:02

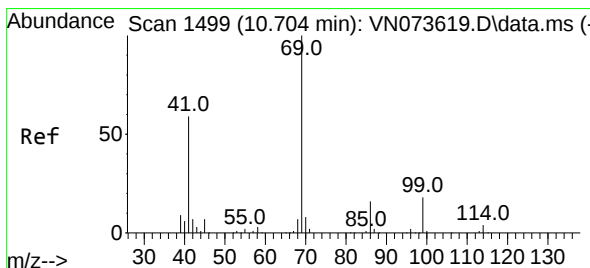
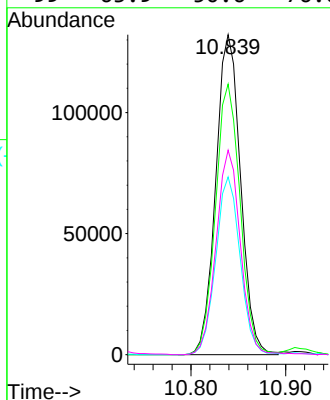
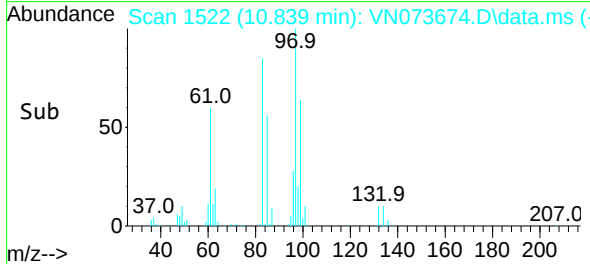
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



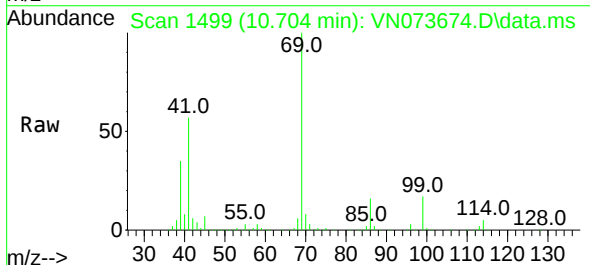
Tgt Ion:	97	Resp:	240394
Ion	Ratio	Lower	Upper
97	100		
83	84.6	66.2	99.4
85	55.5	43.9	65.9
99	63.9	50.6	76.0

Manual Integrations
APPROVED

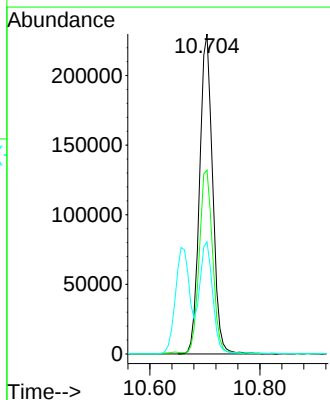
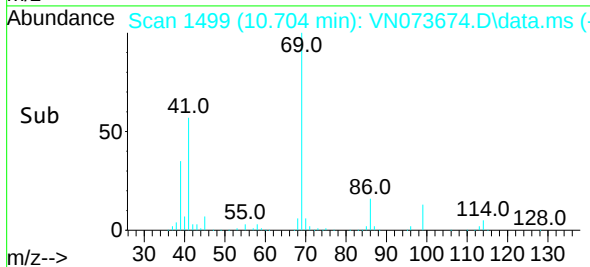
Reviewed By :John Carlone 08/02/2022
Supervised By :Mahesh Dadoda 08/02/2022



#56
Ethyl methacrylate
Concen: 55.301 ug/l
RT: 10.704 min Scan# 1499
Delta R.T. -0.000 min
Lab File: VN073674.D
Acq: 01 Aug 2022 21:02



Tgt Ion:	69	Resp:	379464
Ion	Ratio	Lower	Upper
69	100		
41	58.1	47.8	71.6
39	34.7	27.3	40.9





#57

1,3-Dichloropropane

Concen: 47.542 ug/l

RT: 10.986 min Scan# 1547

Delta R.T. -0.000 min

Lab File: VN073674.D

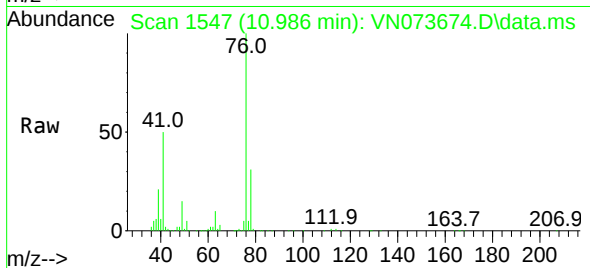
Acq: 01 Aug 2022 21:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 76 Resp: 40158

Ion Ratio Lower Upper

76 100

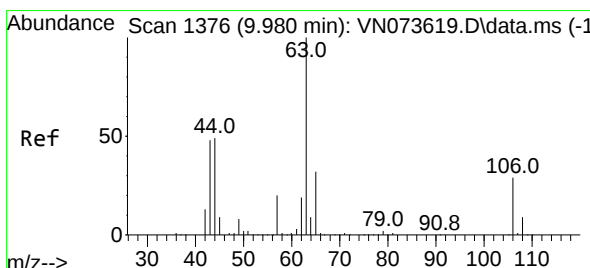
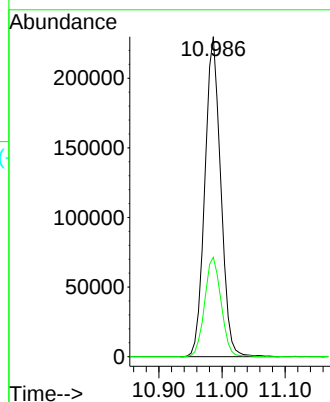
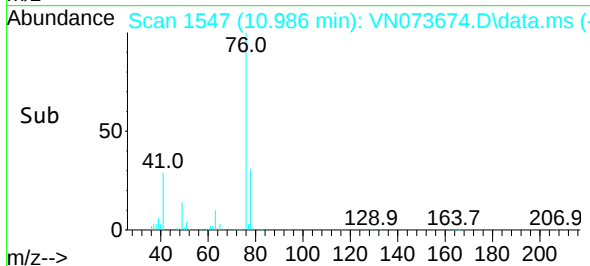
78 32.2 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/02/2022

Supervised By :Mahesh Dadoda 08/02/2022



#58

2-Chloroethyl Vinyl ether

Concen: 230.053 ug/l

RT: 9.980 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VN073674.D

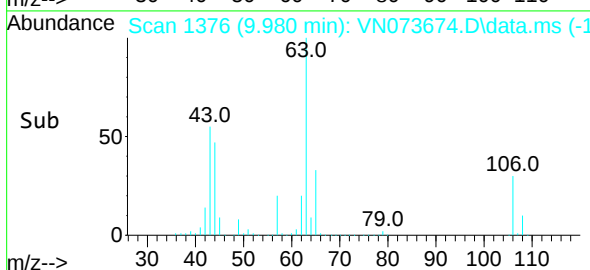
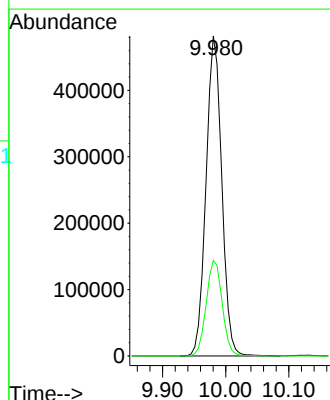
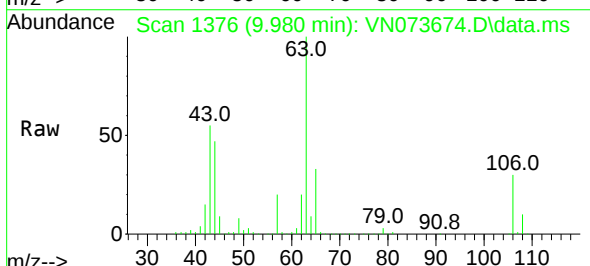
Acq: 01 Aug 2022 21:02

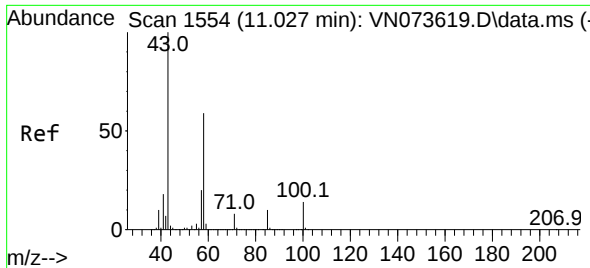
Tgt Ion: 63 Resp: 832356

Ion Ratio Lower Upper

63 100

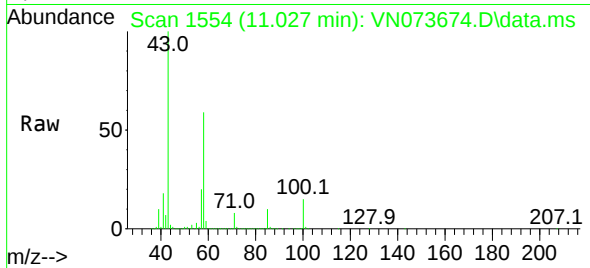
106 30.4 24.6 36.8





#59
2-Hexanone
Concen: 249.173 ug/l
RT: 11.027 min Scan# 1554
Delta R.T. 0.000 min
Lab File: VN073674.D
Acq: 01 Aug 2022 21:02

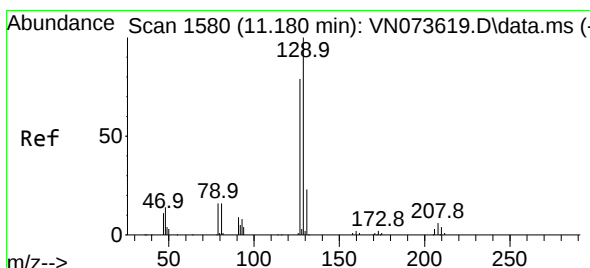
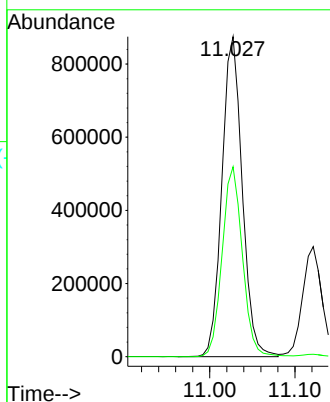
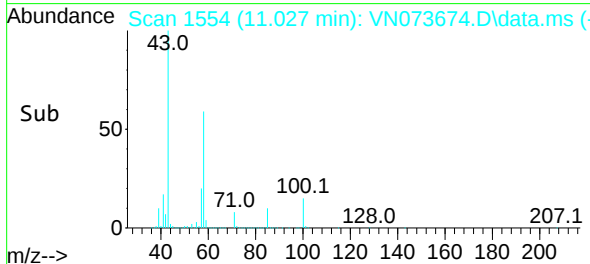
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 144976
Ion Ratio Lower Upper
43 100
58 59.2 29.7 89.1

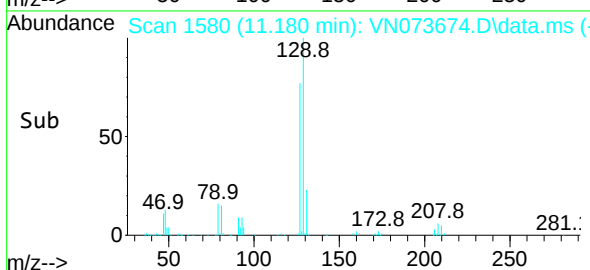
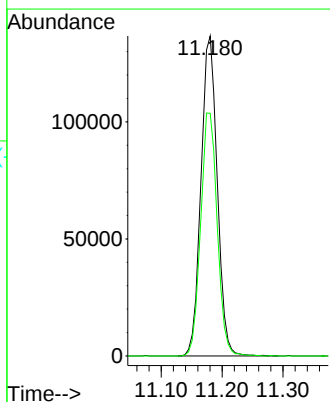
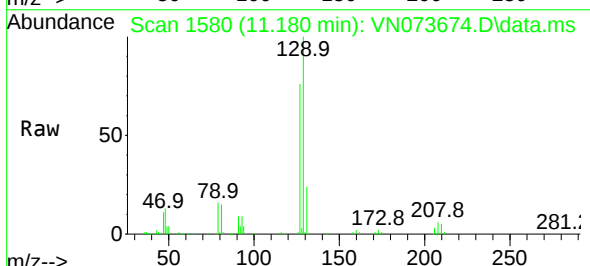
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/02/2022
Supervised By :Mahesh Dadoda 08/02/2022



#60
Dibromochloromethane
Concen: 51.102 ug/l
RT: 11.180 min Scan# 1580
Delta R.T. -0.000 min
Lab File: VN073674.D
Acq: 01 Aug 2022 21:02

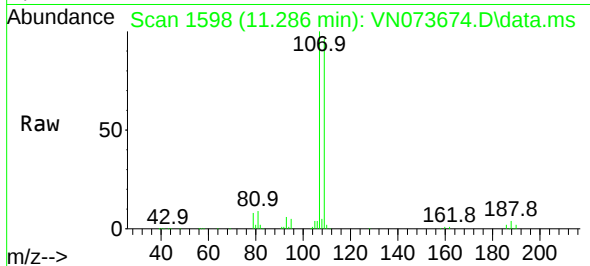
Tgt Ion:129 Resp: 253106
Ion Ratio Lower Upper
129 100
127 77.4 38.8 116.4





#61
1,2-Dibromoethane
Concen: 49.365 ug/l
RT: 11.286 min Scan# 1598
Delta R.T. -0.000 min
Lab File: VN073674.D
Acq: 01 Aug 2022 21:02

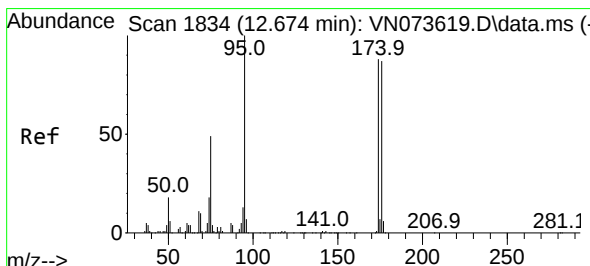
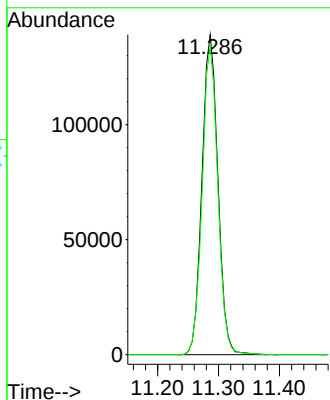
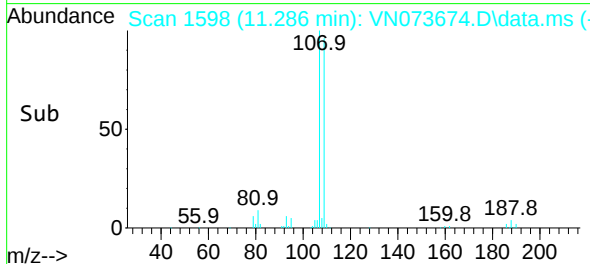
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 107 Resp: 253120
Ion Ratio Lower Upper
107 100
109 94.6 75.0 112.6

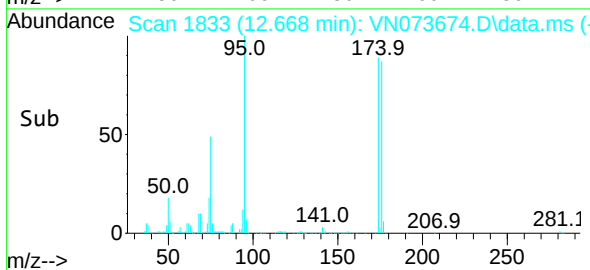
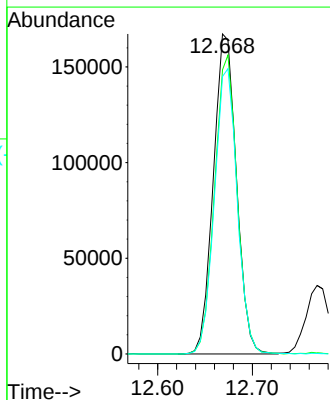
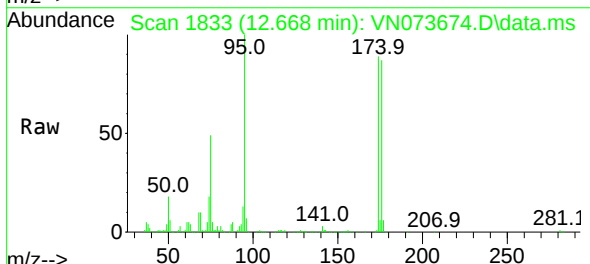
Manual Integrations
APPROVED

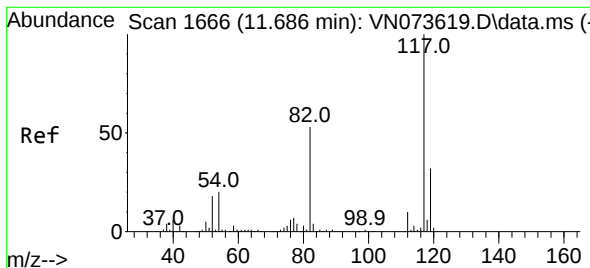
Reviewed By :John Carlone 08/02/2022
Supervised By :Mahesh Dadoda 08/02/2022



#62
4-Bromofluorobenzene
Concen: 50.959 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN073674.D
Acq: 01 Aug 2022 21:02

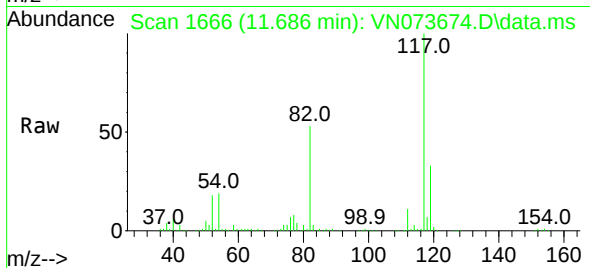
Tgt Ion: 95 Resp: 283996
Ion Ratio Lower Upper
95 100
174 91.2 0.0 167.6
176 88.0 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1166
Delta R.T. -0.000 min
Lab File: VN073674.D
Acq: 01 Aug 2022 21:02

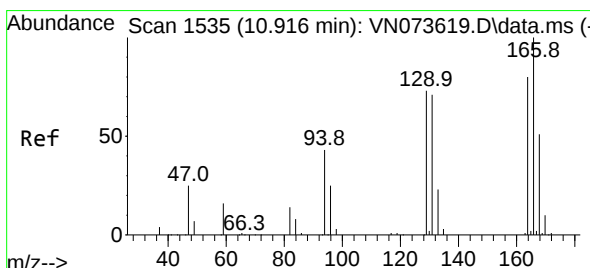
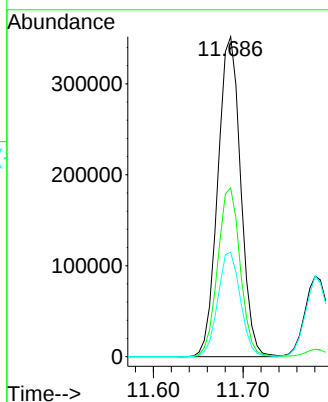
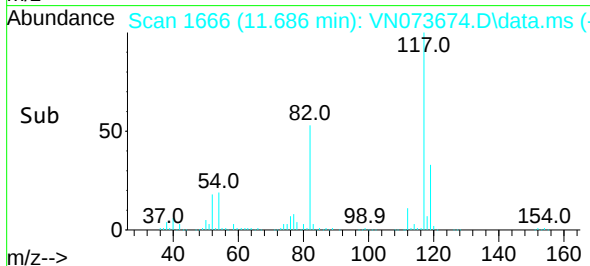
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



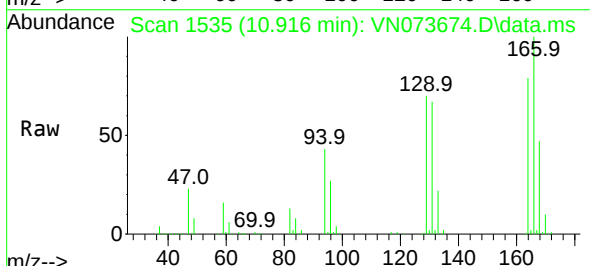
Tgt Ion:117 Resp: 622772
Ion Ratio Lower Upper
117 100
82 52.7 44.2 66.2
119 32.6 25.4 38.0

Manual Integrations
APPROVED

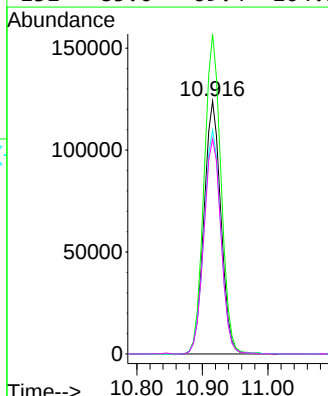
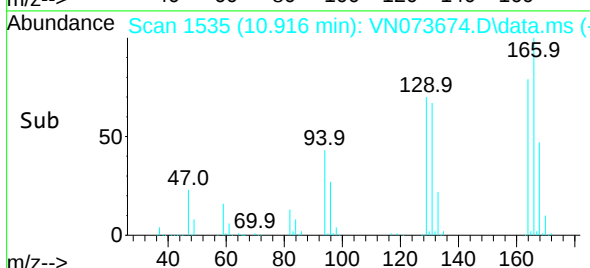
Reviewed By :John Carlone 08/02/2022
Supervised By :Mahesh Dadoda 08/02/2022

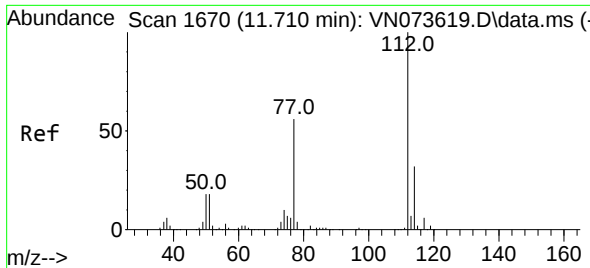


#64
Tetrachloroethene
Concen: 44.664 ug/l
RT: 10.916 min Scan# 1535
Delta R.T. -0.000 min
Lab File: VN073674.D
Acq: 01 Aug 2022 21:02



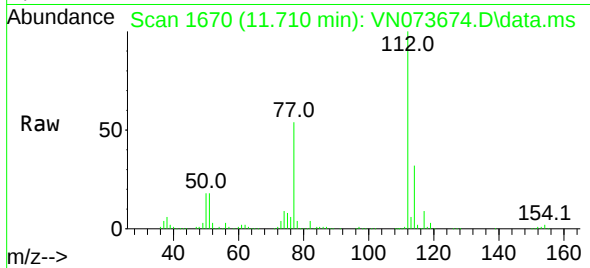
Tgt Ion:164 Resp: 221056
Ion Ratio Lower Upper
164 100
166 126.5 104.2 156.2
129 88.5 73.9 110.9
131 85.0 69.4 104.2





#65
Chlorobenzene
Concen: 48.098 ug/l
RT: 11.710 min Scan# 1670
Delta R.T. -0.000 min
Lab File: VN073674.D
Acq: 01 Aug 2022 21:02

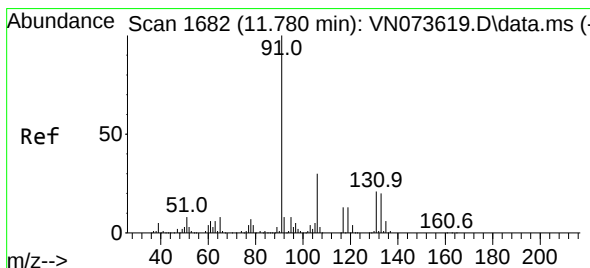
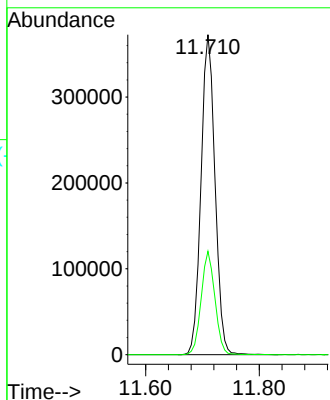
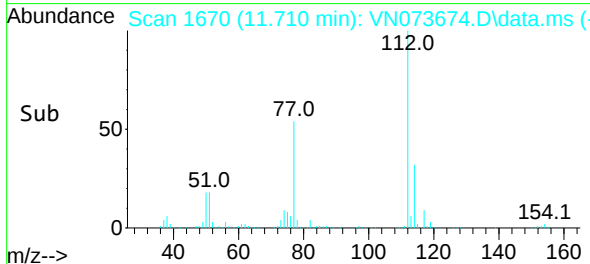
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



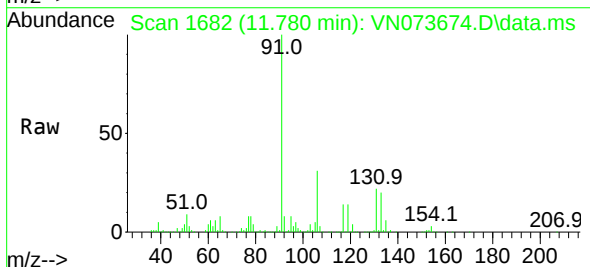
Tgt Ion:112 Resp: 63624
Ion Ratio Lower Upper
112 100
114 32.3 25.4 38.2

Manual Integrations
APPROVED

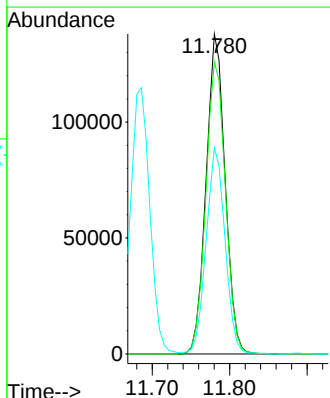
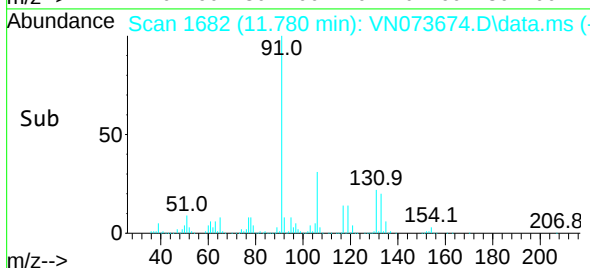
Reviewed By :John Carlone 08/02/2022
Supervised By :Mahesh Dadoda 08/02/2022

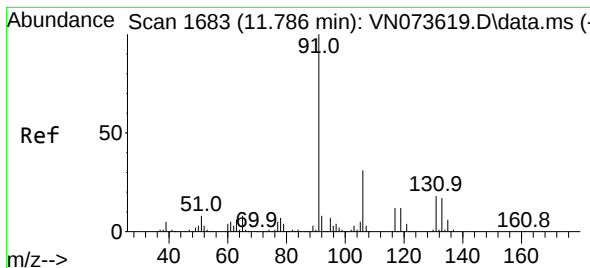


#66
1,1,1,2-Tetrachloroethane
Concen: 49.605 ug/l
RT: 11.780 min Scan# 1682
Delta R.T. -0.000 min
Lab File: VN073674.D
Acq: 01 Aug 2022 21:02



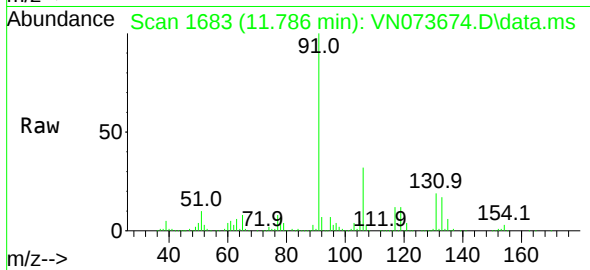
Tgt Ion:131 Resp: 235357
Ion Ratio Lower Upper
131 100
133 94.4 47.8 143.4
119 64.3 33.4 100.2





#67
Ethyl Benzene
Concen: 50.346 ug/l
RT: 11.786 min Scan# 1107
Delta R.T. -0.000 min
Lab File: VN073674.D
Acq: 01 Aug 2022 21:02

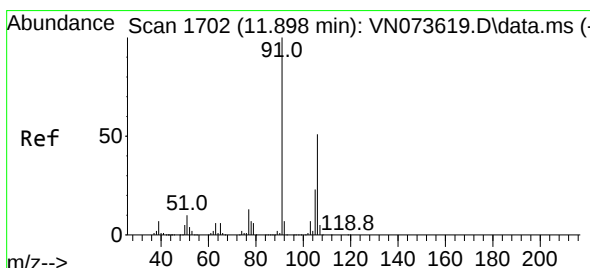
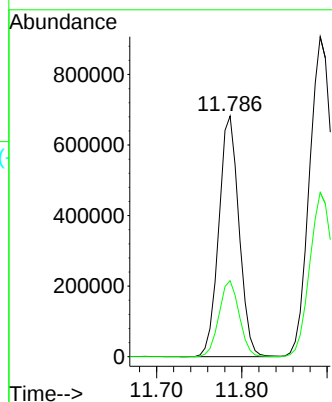
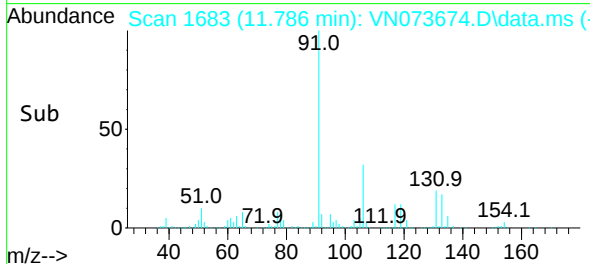
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



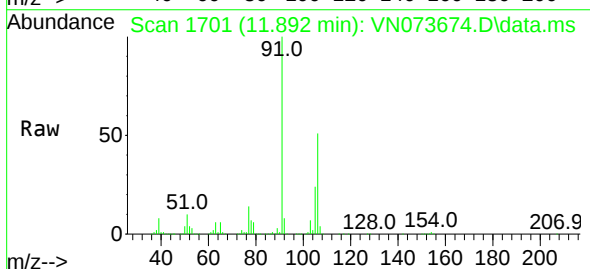
Tgt Ion: 91 Resp: 112354
Ion Ratio Lower Upper
91 100
106 31.6 24.9 37.3

Manual Integrations
APPROVED

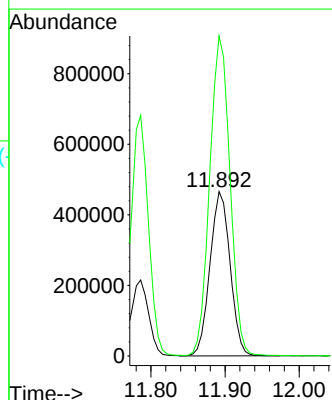
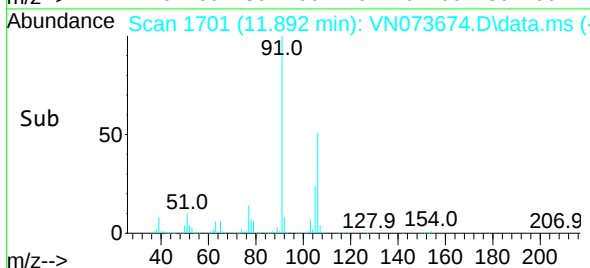
Reviewed By :John Carlone 08/02/2022
Supervised By :Mahesh Dadoda 08/02/2022

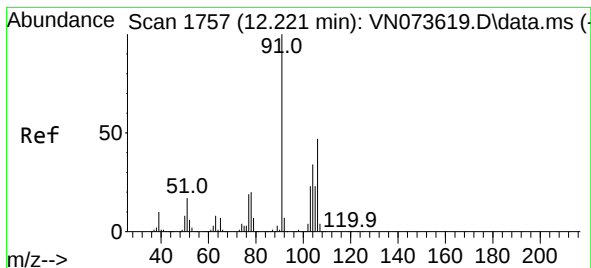


#68
m/p-Xylenes
Concen: 103.138 ug/l
RT: 11.892 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN073674.D
Acq: 01 Aug 2022 21:02



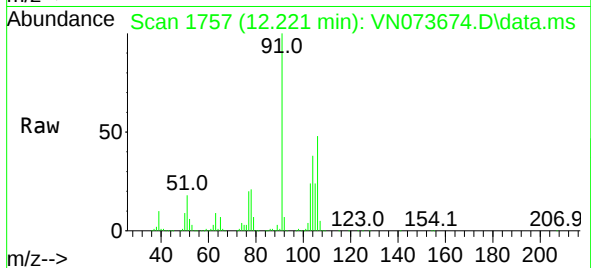
Tgt Ion:106 Resp: 877869
Ion Ratio Lower Upper
106 100
91 196.9 158.9 238.3





#69
o-Xylene
Concen: 52.467 ug/l
RT: 12.221 min Scan# 1757
Delta R.T. -0.000 min
Lab File: VN073674.D
Acq: 01 Aug 2022 21:02

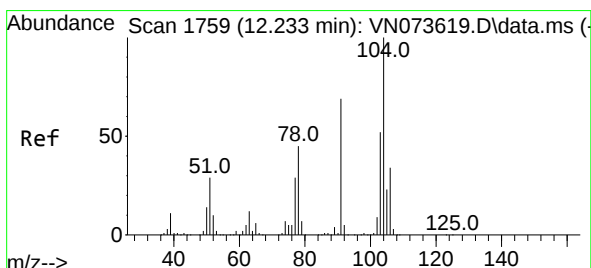
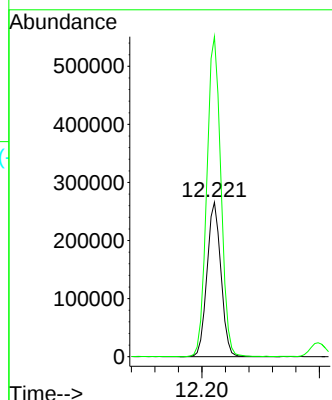
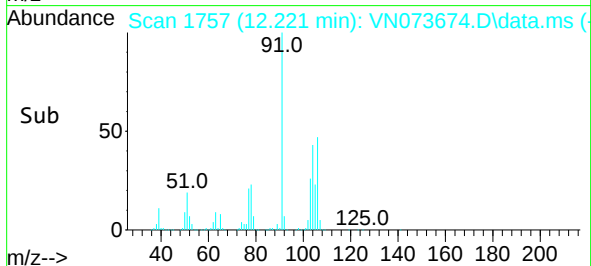
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:106 Resp: 435378
Ion Ratio Lower Upper
106 100
91 210.0 106.0 318.0

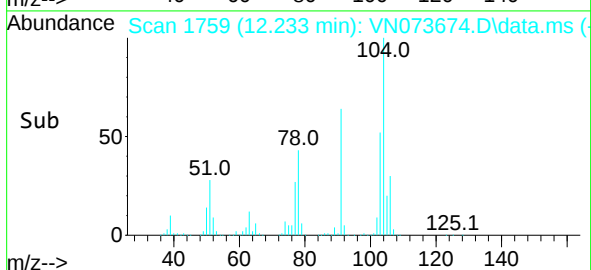
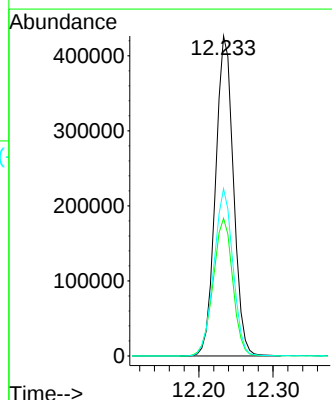
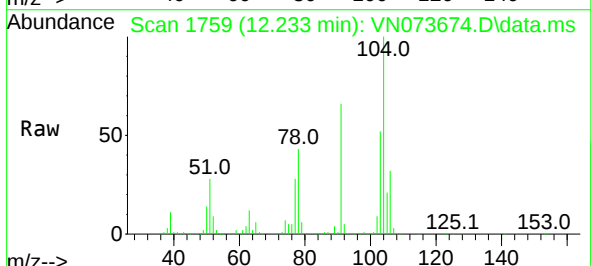
Manual Integrations
APPROVED

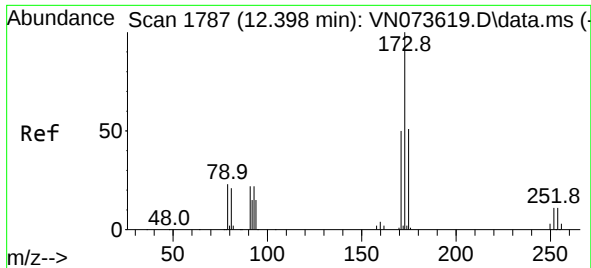
Reviewed By :John Carlone 08/02/2022
Supervised By :Mahesh Dadoda 08/02/2022



#70
Styrene
Concen: 54.004 ug/l
RT: 12.233 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN073674.D
Acq: 01 Aug 2022 21:02

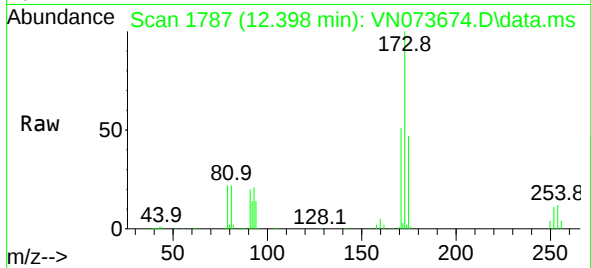
Tgt Ion:104 Resp: 717363
Ion Ratio Lower Upper
104 100
78 46.8 39.5 59.3
103 55.3 44.0 66.0





#71
Bromoform
Concen: 52.139 ug/l
RT: 12.398 min Scan# 1787
Delta R.T. -0.000 min
Lab File: VN073674.D
Acq: 01 Aug 2022 21:02

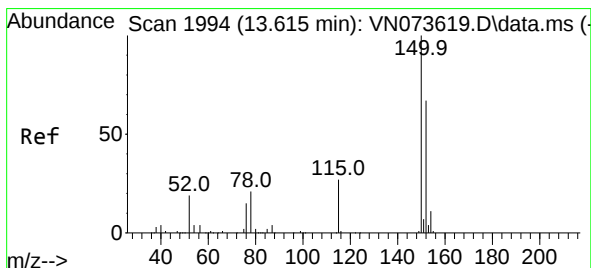
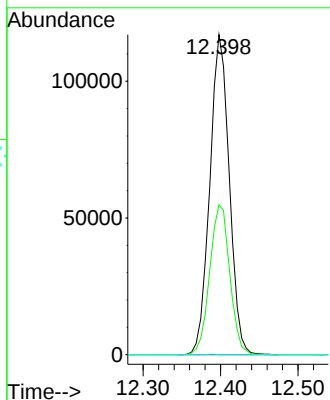
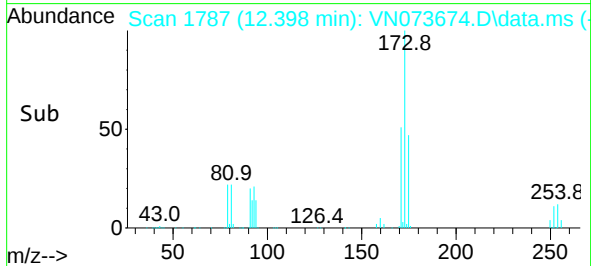
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



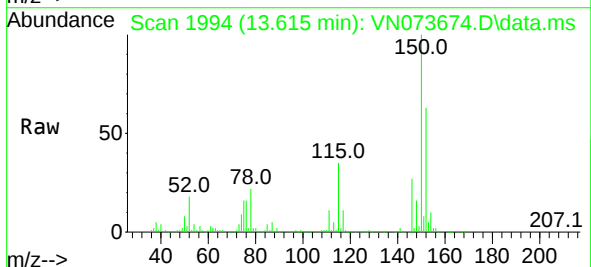
Tgt Ion:173 Resp: 204189
Ion Ratio Lower Upper
173 100
175 48.2 24.6 73.6
254 0.1 0.1 0.1

Manual Integrations
APPROVED

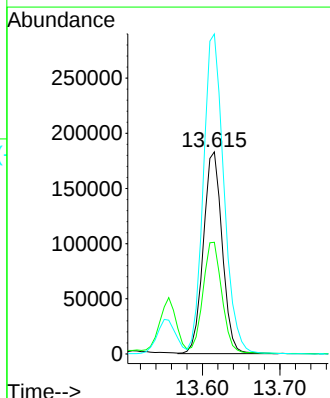
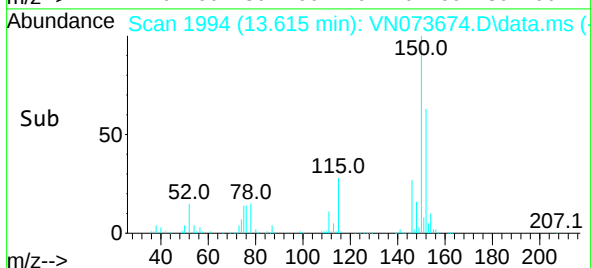
Reviewed By :John Carlone 08/02/2022
Supervised By :Mahesh Dadoda 08/02/2022

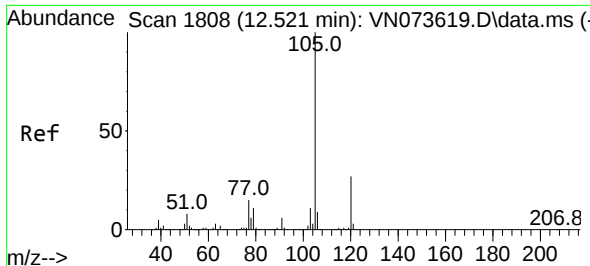


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.615 min Scan# 1994
Delta R.T. -0.000 min
Lab File: VN073674.D
Acq: 01 Aug 2022 21:02



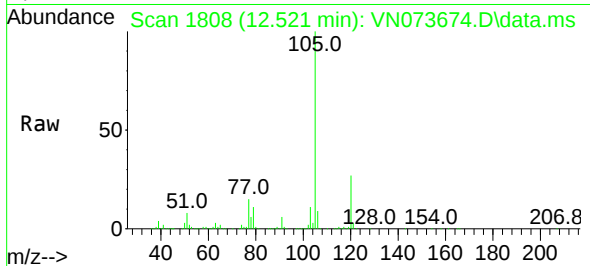
Tgt Ion:152 Resp: 309280
Ion Ratio Lower Upper
152 100
115 56.2 28.9 86.7
150 172.7 0.0 356.2





#73
Isopropylbenzene
Concen: 49.663 ug/l
RT: 12.521 min Scan# 1808
Delta R.T. -0.000 min
Lab File: VN073674.D
Acq: 01 Aug 2022 21:02

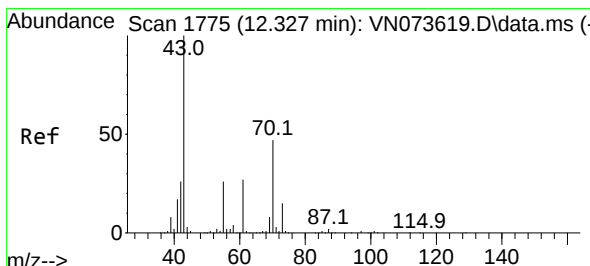
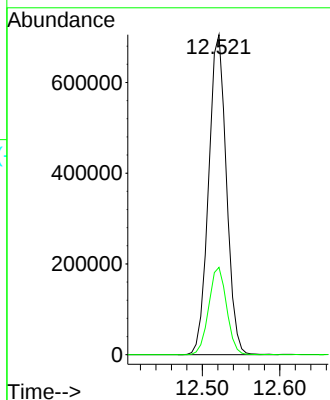
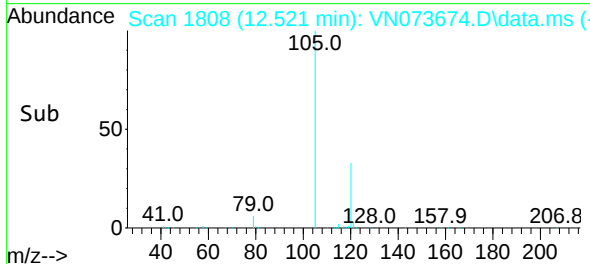
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:105 Resp: 1124374
Ion Ratio Lower Upper
105 100
120 27.5 13.5 40.4

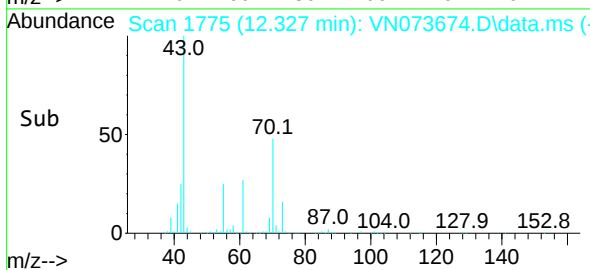
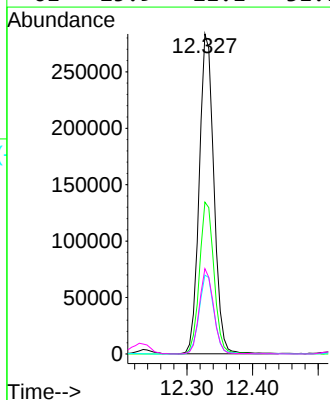
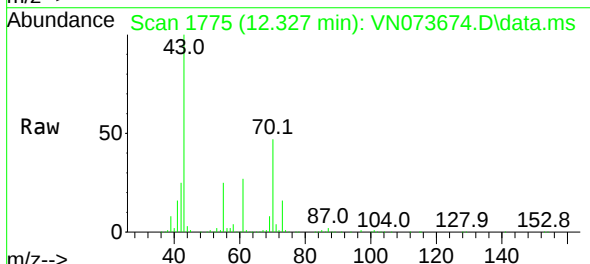
Manual Integrations
APPROVED

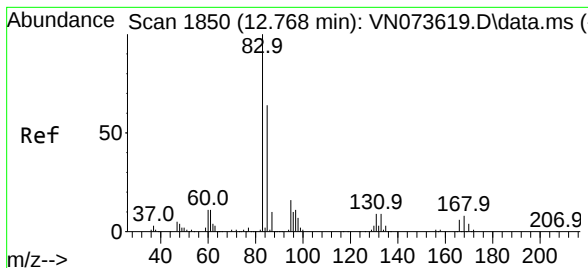
Reviewed By :John Carlone 08/02/2022
Supervised By :Mahesh Dadoda 08/02/2022



#74
N-ethyl acetate
Concen: 51.541 ug/l
RT: 12.327 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN073674.D
Acq: 01 Aug 2022 21:02

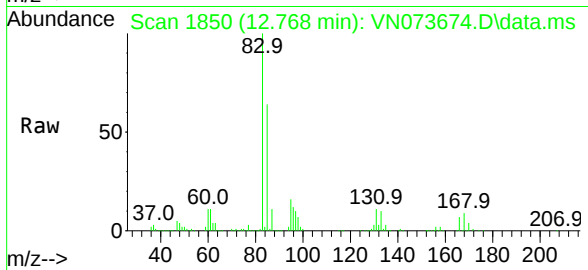
Tgt Ion: 43 Resp: 440883
Ion Ratio Lower Upper
43 100
70 47.4 39.0 58.4
55 25.1 21.1 31.7
61 25.9 21.1 31.7





#75
1,1,2,2-Tetrachloroethane
Concen: 43.539 ug/l
RT: 12.768 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VN073674.D
Acq: 01 Aug 2022 21:02

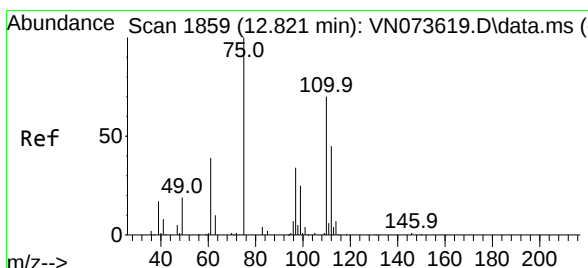
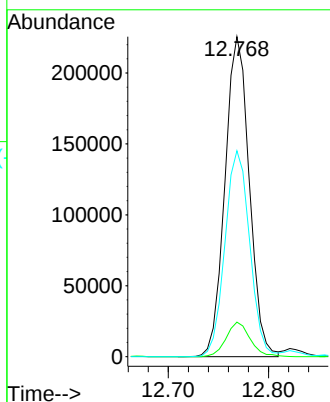
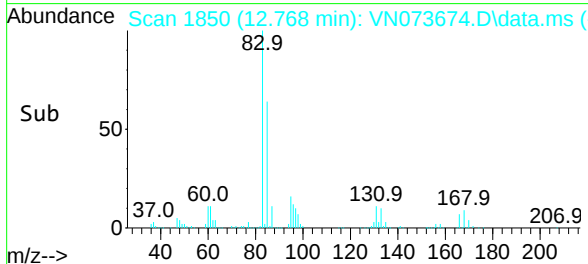
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 380374
Ion Ratio Lower Upper
83 100
131 10.7 5.3 15.9
85 65.5 32.3 96.9

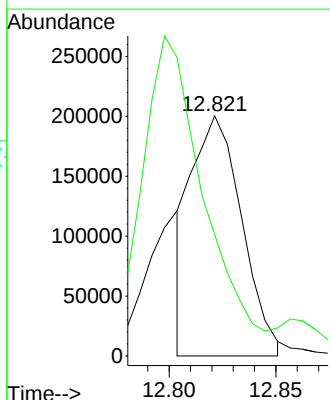
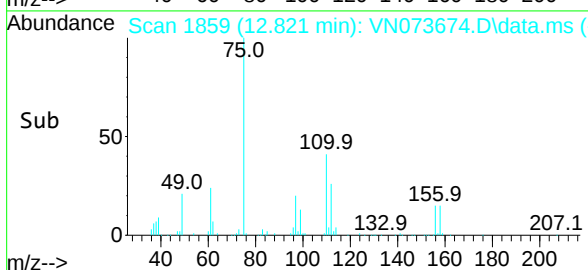
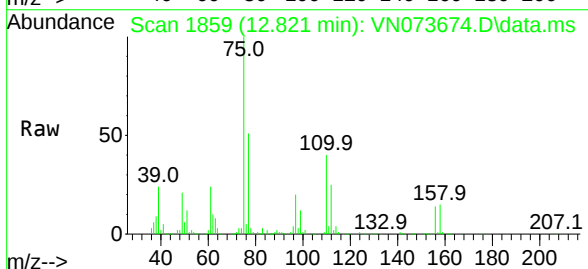
Manual Integrations
APPROVED

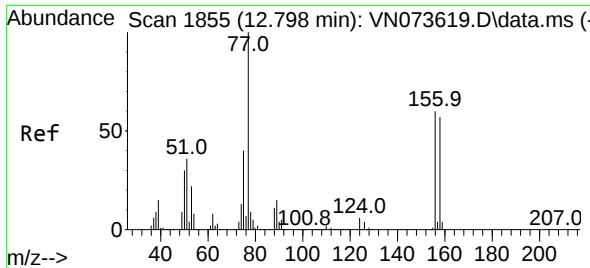
Reviewed By :John Carlone 08/02/2022
Supervised By :Mahesh Dadoda 08/02/2022



#76
1,2,3-Trichloropropane
Concen: 58.777 ug/l m
RT: 12.821 min Scan# 1859
Delta R.T. 0.000 min
Lab File: VN073674.D
Acq: 01 Aug 2022 21:02

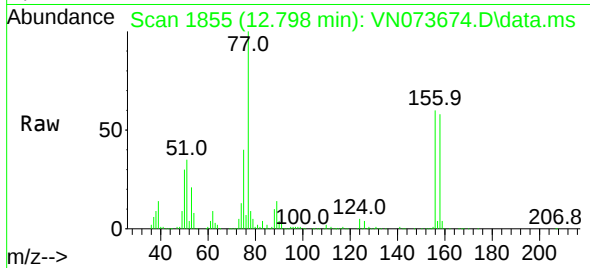
Tgt Ion: 75 Resp: 329810
Ion Ratio Lower Upper
75 100
77 0.0 98.5 295.5#





#77
Bromobenzene
Concen: 48.521 ug/l
RT: 12.798 min Scan# 1855
Delta R.T. -0.000 min
Lab File: VN073674.D
Acq: 01 Aug 2022 21:02

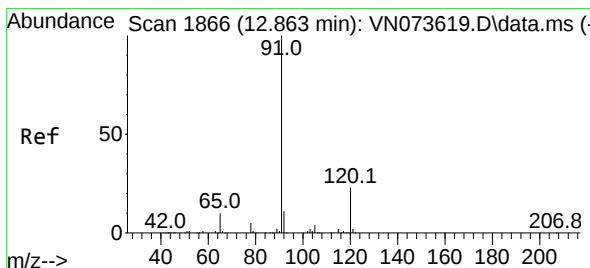
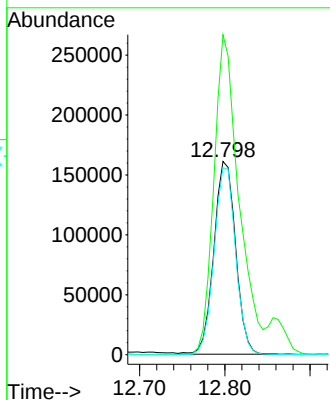
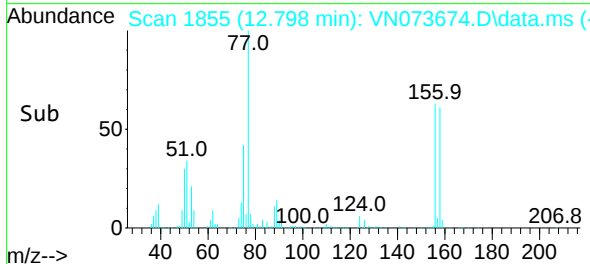
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



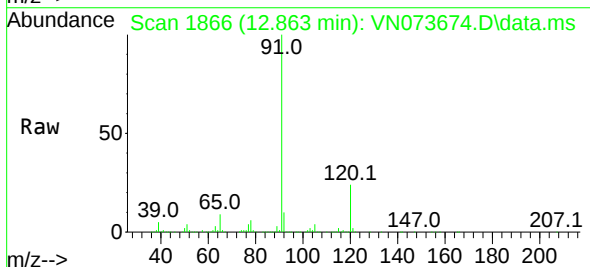
Tgt Ion:156 Resp: 286072
Ion Ratio Lower Upper
156 100
77 189.9 100.5 301.5
158 96.2 48.9 146.6

Manual Integrations
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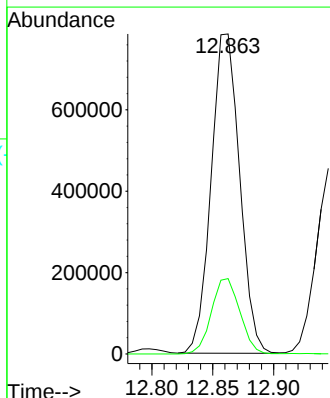
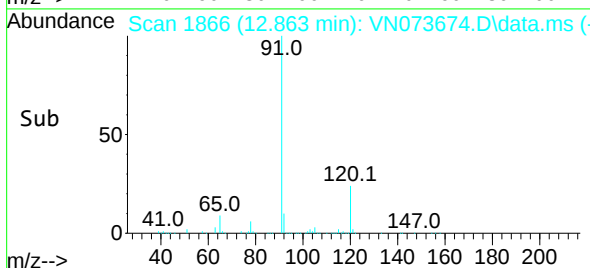
Reviewed By :John Carlone 08/02/2022
Supervised By :Mahesh Dadoda 08/02/2022



#78
n-propylbenzene
Concen: 50.214 ug/l
RT: 12.863 min Scan# 1866
Delta R.T. -0.000 min
Lab File: VN073674.D
Acq: 01 Aug 2022 21:02



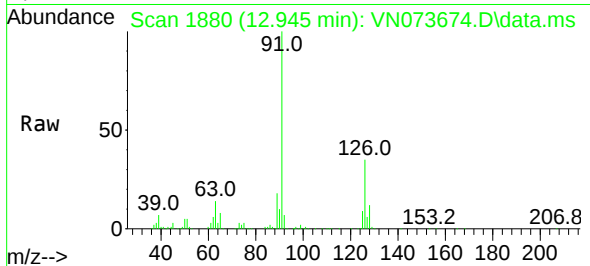
Tgt Ion: 91 Resp: 1279177
Ion Ratio Lower Upper
91 100
120 23.6 11.9 35.5





#79
2-Chlorotoluene
Concen: 47.730 ug/l
RT: 12.945 min Scan# 1880
Delta R.T. -0.006 min
Lab File: VN073674.D
Acq: 01 Aug 2022 21:02

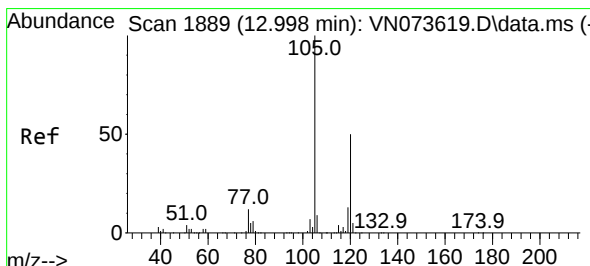
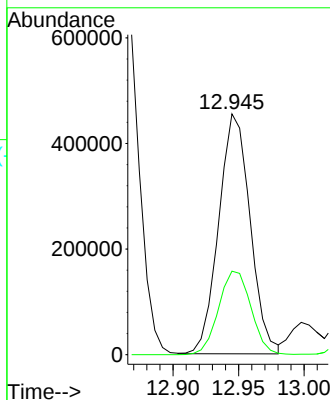
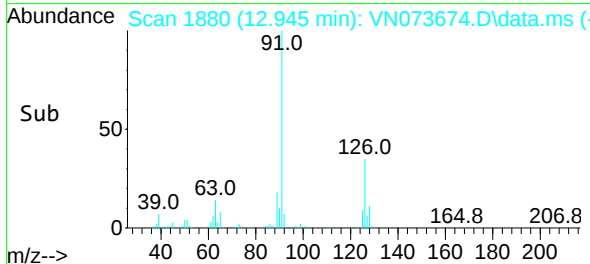
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 758872
Ion Ratio Lower Upper
91 100
126 35.9 17.3 51.9

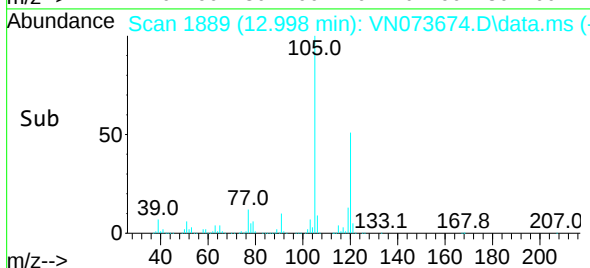
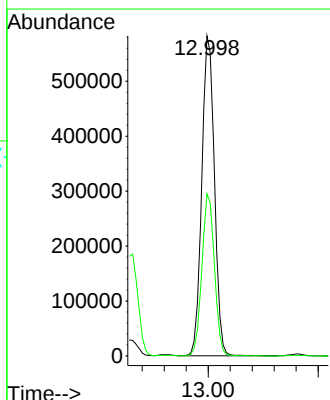
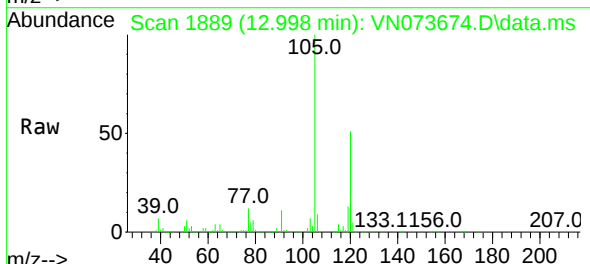
Manual Integrations
APPROVED

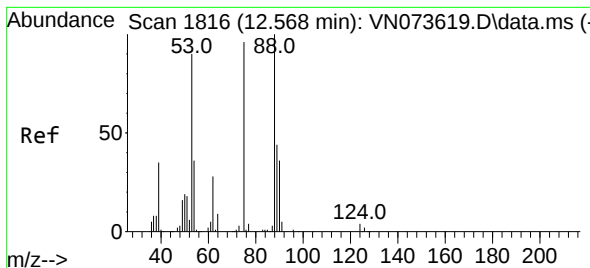
Reviewed By :John Carlone 08/02/2022
Supervised By :Mahesh Dadoda 08/02/2022



#80
1,3,5-Trimethylbenzene
Concen: 49.936 ug/l
RT: 12.998 min Scan# 1889
Delta R.T. -0.000 min
Lab File: VN073674.D
Acq: 01 Aug 2022 21:02

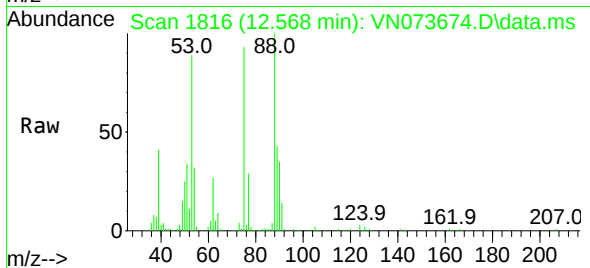
Tgt Ion:105 Resp: 930385
Ion Ratio Lower Upper
105 100
120 50.1 24.9 74.7





#81
trans-1,4-Dichloro-2-butene
Concen: 45.553 ug/l
RT: 12.568 min Scan# 1816
Delta R.T. -0.000 min
Lab File: VN073674.D
Acq: 01 Aug 2022 21:02

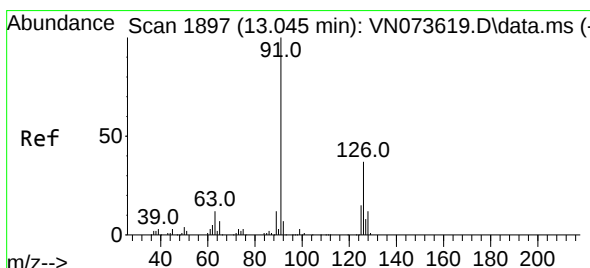
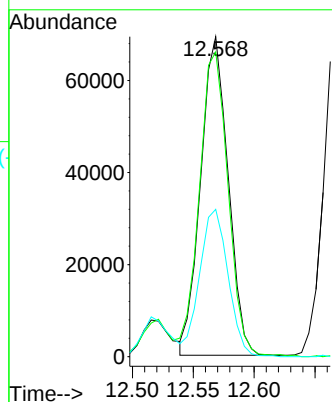
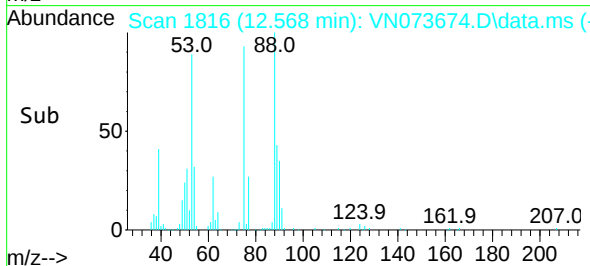
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 108714
Ion Ratio Lower Upper
75 100
53 101.2 78.0 117.0
89 48.1 37.2 55.8

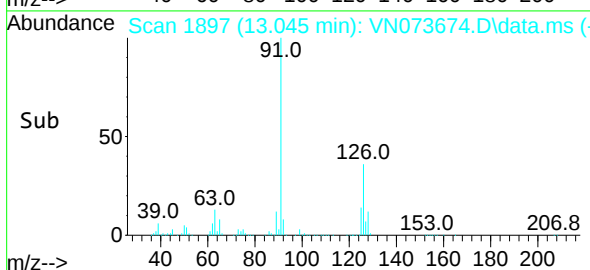
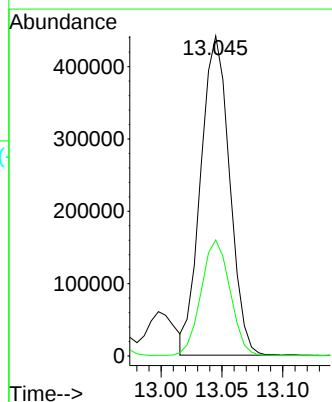
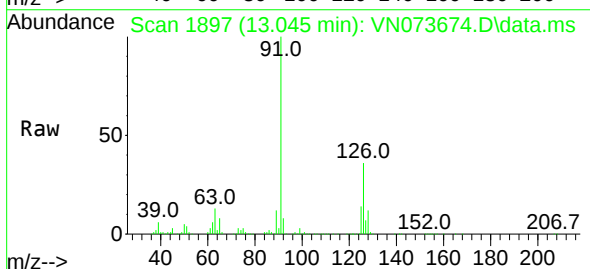
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/02/2022
Supervised By :Mahesh Dadoda 08/02/2022



#82
4-Chlorotoluene
Concen: 48.278 ug/l
RT: 13.045 min Scan# 1897
Delta R.T. -0.000 min
Lab File: VN073674.D
Acq: 01 Aug 2022 21:02

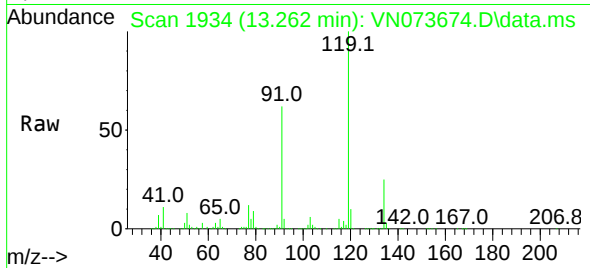
Tgt Ion: 91 Resp: 727490
Ion Ratio Lower Upper
91 100
126 36.9 17.2 51.6





#83
tert-Butylbenzene
Concen: 50.595 ug/l
RT: 13.262 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN073674.D
Acq: 01 Aug 2022 21:02

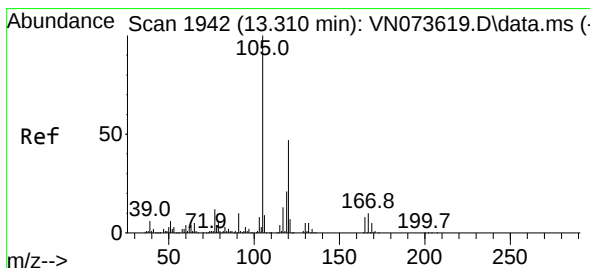
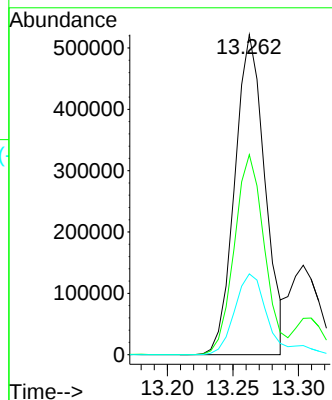
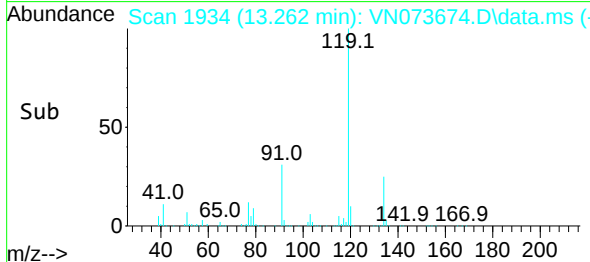
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



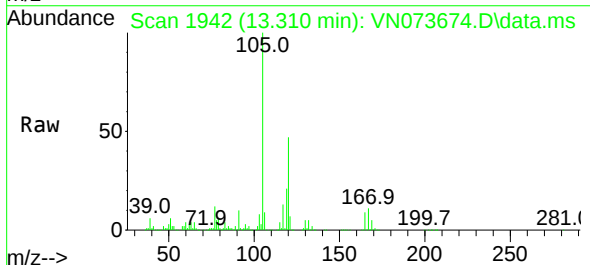
Tgt Ion:119 Resp: 83495
Ion Ratio Lower Upper
119 100
91 62.7 31.6 94.8
134 28.2 13.7 41.1

Manual Integrations
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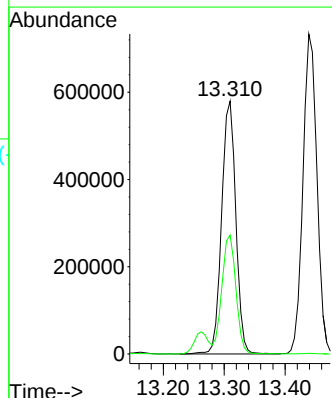
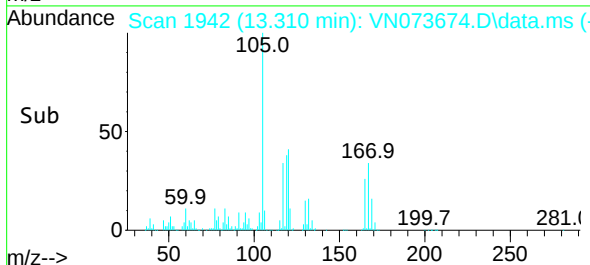
Reviewed By :John Carlone 08/02/2022
Supervised By :Mahesh Dadoda 08/02/2022

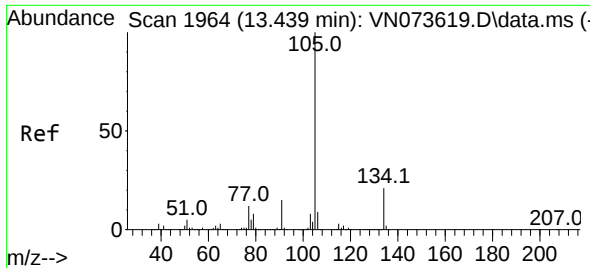


#84
1,2,4-Trimethylbenzene
Concen: 51.196 ug/l
RT: 13.310 min Scan# 1942
Delta R.T. -0.000 min
Lab File: VN073674.D
Acq: 01 Aug 2022 21:02



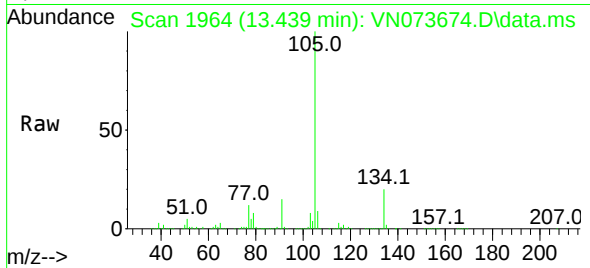
Tgt Ion:105 Resp: 937920
Ion Ratio Lower Upper
105 100
120 46.3 23.3 69.8





#85
 sec-Butylbenzene
 Concen: 51.035 ug/l
 RT: 13.439 min Scan# 1964
 Delta R.T. -0.000 min
 Lab File: VN073674.D
 Acq: 01 Aug 2022 21:02

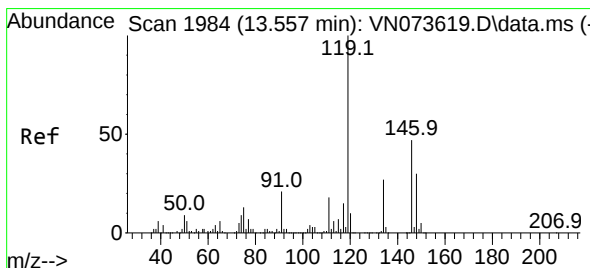
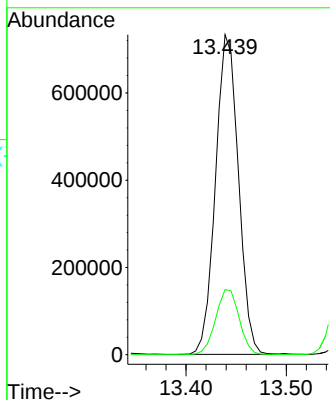
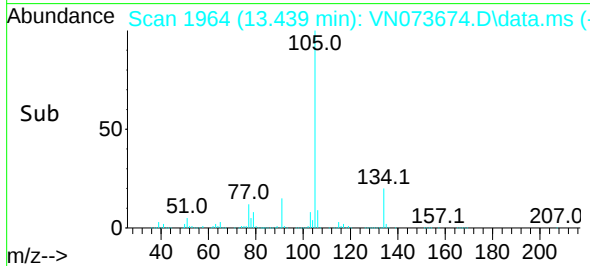
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion:105 Resp: 1164036
 Ion Ratio Lower Upper
 105 100
 134 21.0 10.4 31.1

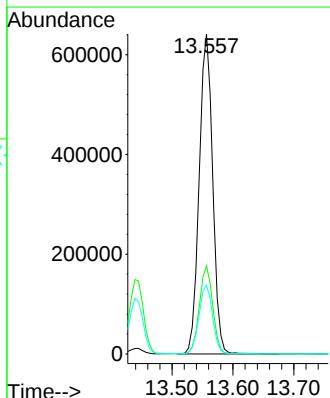
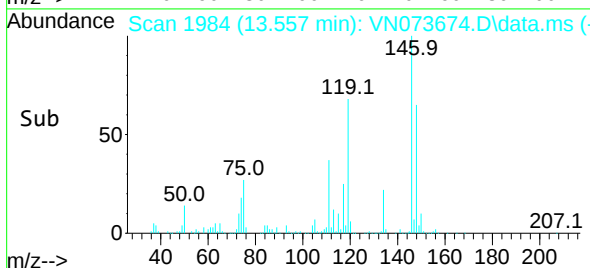
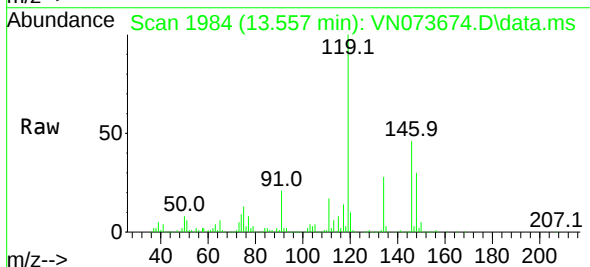
Manual Integrations
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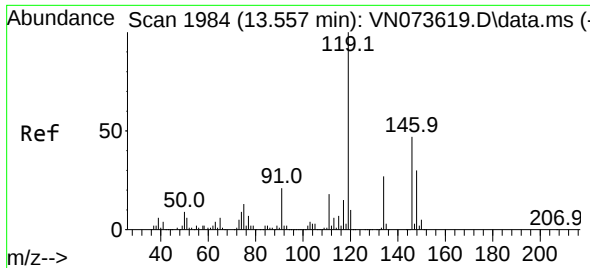
Reviewed By :John Carlone 08/02/2022
 Supervised By :Mahesh Dadoda 08/02/2022



#86
 p-Isopropyltoluene
 Concen: 54.695 ug/l
 RT: 13.557 min Scan# 1984
 Delta R.T. -0.000 min
 Lab File: VN073674.D
 Acq: 01 Aug 2022 21:02

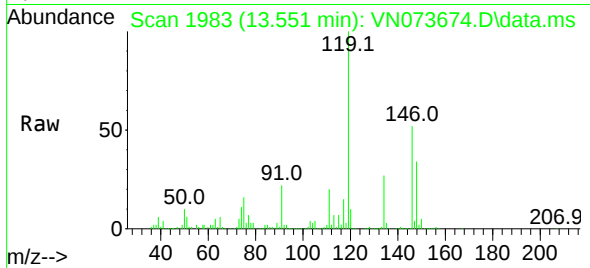
Tgt Ion:119 Resp: 983453
 Ion Ratio Lower Upper
 119 100
 134 27.4 13.3 39.8
 91 21.5 11.3 33.9





#87
1,3-Dichlorobenzene
Concen: 47.080 ug/l
RT: 13.551 min Scan# 1983
Delta R.T. -0.006 min
Lab File: VN073674.D
Acq: 01 Aug 2022 21:02

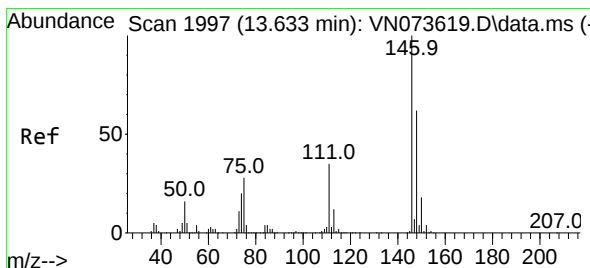
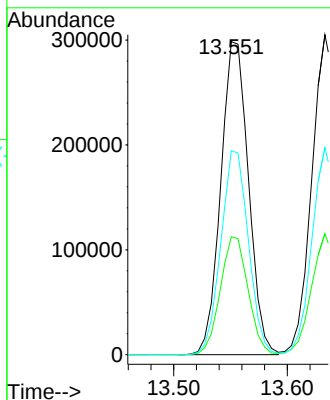
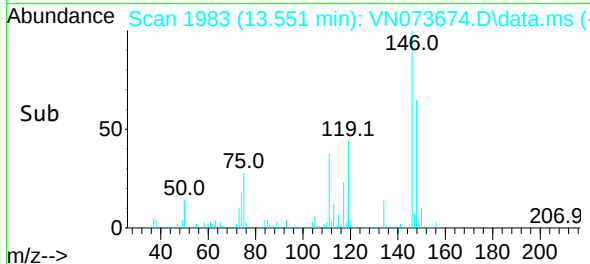
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:146 Resp: 506672
Ion Ratio Lower Upper
146 100
111 37.7 20.0 60.0
148 64.8 32.0 96.0

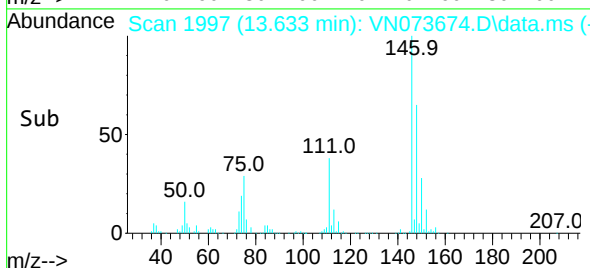
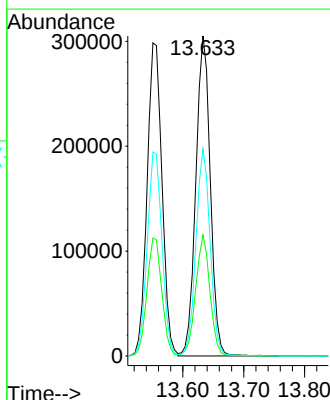
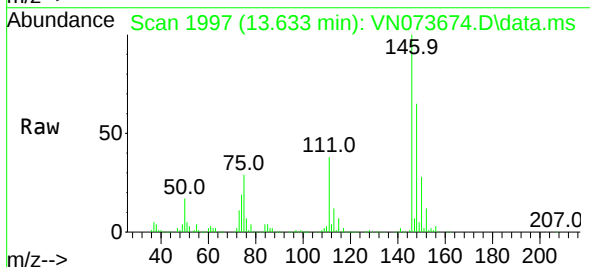
Manual Integrations
APPROVED

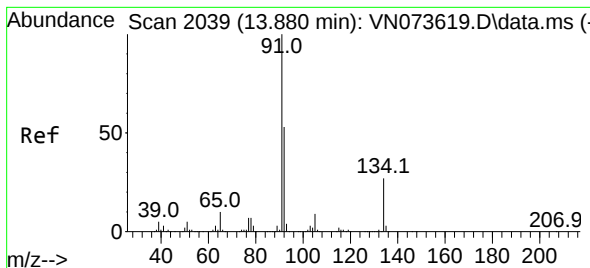
Reviewed By :John Carlone 08/02/2022
Supervised By :Mahesh Dadoda 08/02/2022



#88
1,4-Dichlorobenzene
Concen: 46.759 ug/l
RT: 13.633 min Scan# 1997
Delta R.T. -0.000 min
Lab File: VN073674.D
Acq: 01 Aug 2022 21:02

Tgt Ion:146 Resp: 503492
Ion Ratio Lower Upper
146 100
111 36.8 19.1 57.1
148 63.4 31.4 94.3





#89

n-Butylbenzene

Concen: 52.461 ug/l

RT: 13.880 min Scan# 2039

Delta R.T. -0.000 min

Lab File: VN073674.D

Acq: 01 Aug 2022 21:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

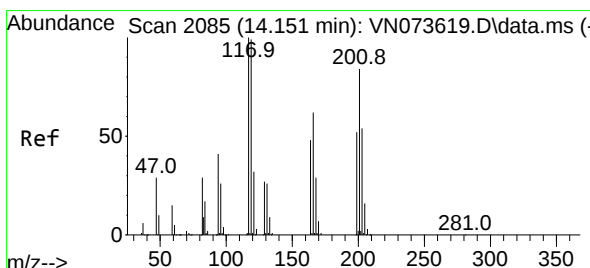
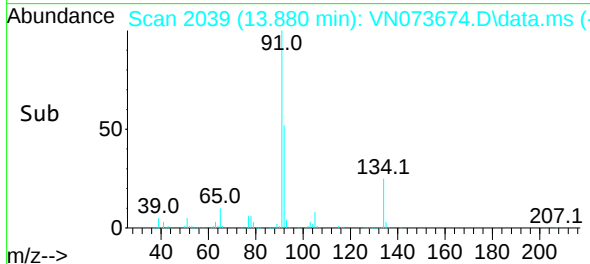
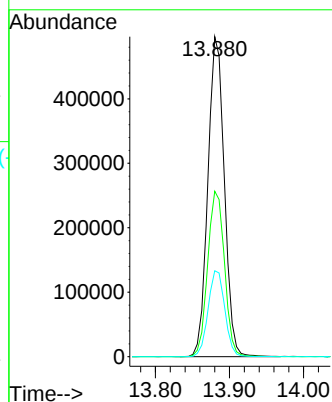
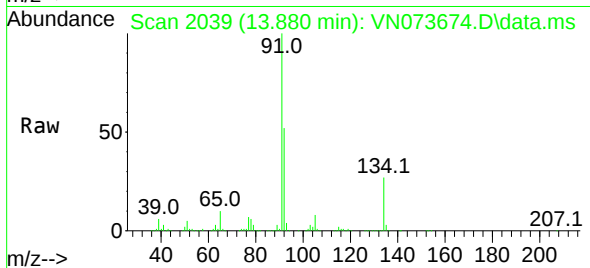
Tgt Ion:	91	Resp:	767510
Ion	Ratio	Lower	Upper
91	100		
92	52.8	26.9	80.7
134	27.3	13.6	40.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/02/2022

Supervised By :Mahesh Dadoda 08/02/2022



#90

Hexachloroethane

Concen: 47.320 ug/l

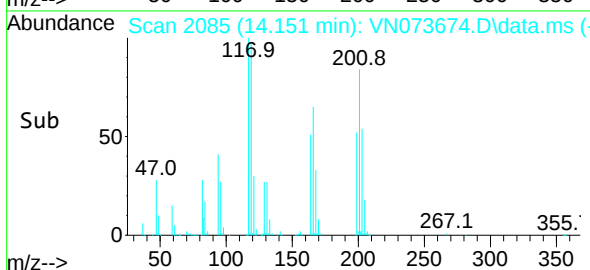
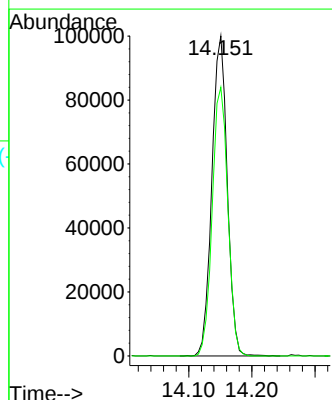
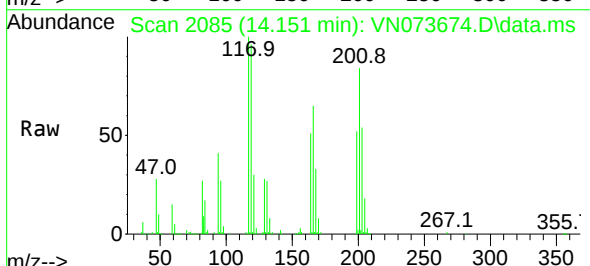
RT: 14.151 min Scan# 2085

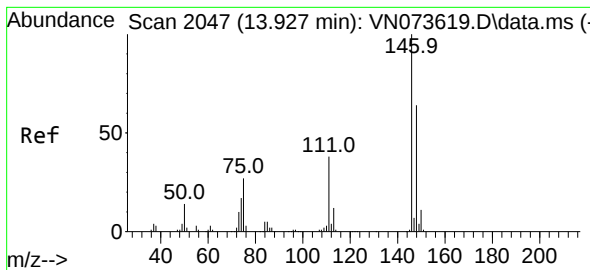
Delta R.T. -0.000 min

Lab File: VN073674.D

Acq: 01 Aug 2022 21:02

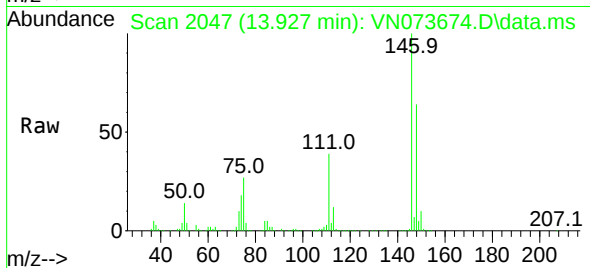
Tgt Ion:	117	Resp:	168812
Ion	Ratio	Lower	Upper
117	100		
201	85.3	40.6	122.0





#91
1,2-Dichlorobenzene
Concen: 47.659 ug/l
RT: 13.927 min Scan# 2047
Delta R.T. -0.000 min
Lab File: VN073674.D
Acq: 01 Aug 2022 21:02

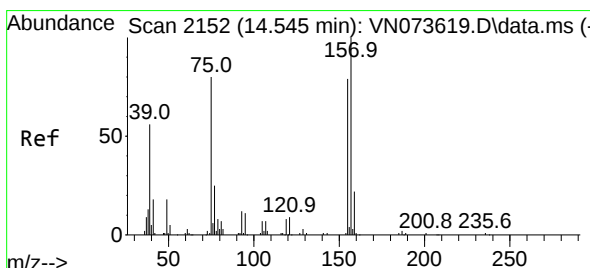
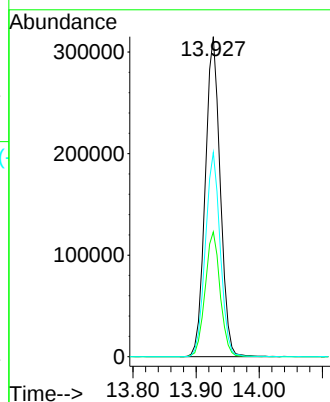
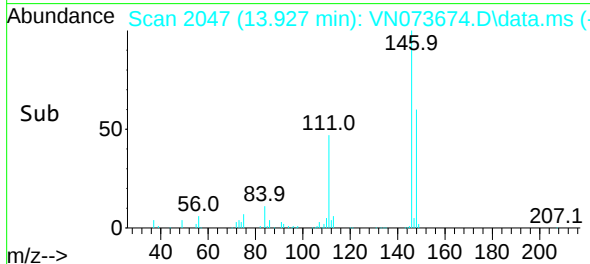
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:146 Resp: 51973
Ion Ratio Lower Upper
146 100
111 39.0 20.9 62.8
148 63.3 32.1 96.3

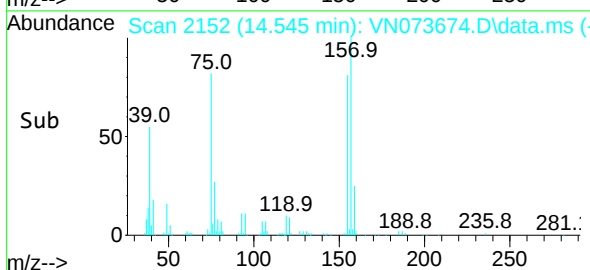
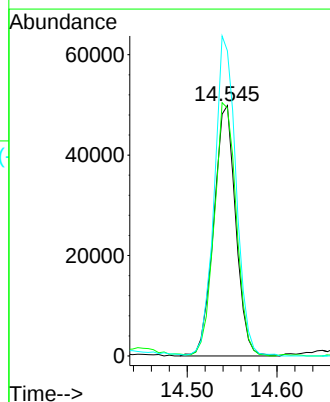
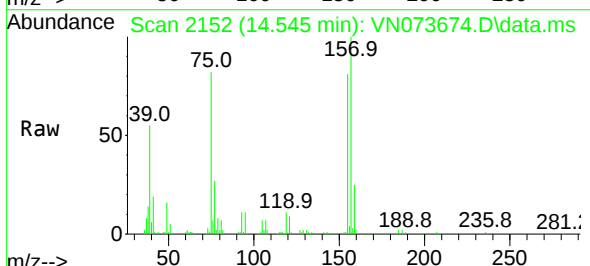
Manual Integrations
APPROVED

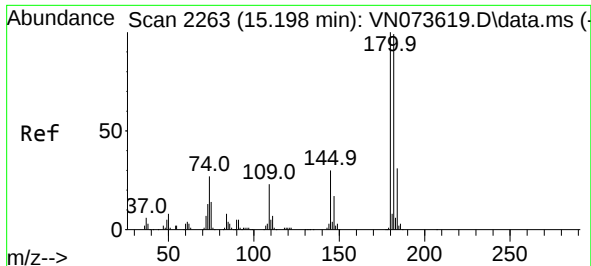
Reviewed By :John Carlone 08/02/2022
Supervised By :Mahesh Dadoda 08/02/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 48.443 ug/l
RT: 14.545 min Scan# 2152
Delta R.T. -0.000 min
Lab File: VN073674.D
Acq: 01 Aug 2022 21:02

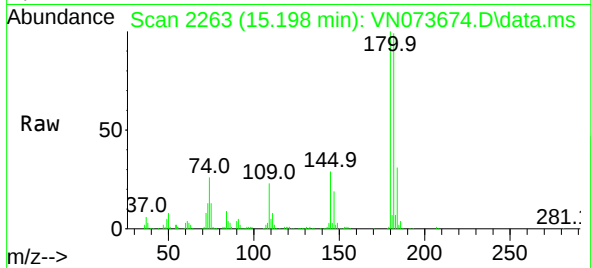
Tgt Ion: 75 Resp: 85034
Ion Ratio Lower Upper
75 100
155 101.0 44.9 134.5
157 125.6 59.0 176.8





#93
1,2,4-Trichlorobenzene
Concen: 55.655 ug/l
RT: 15.198 min Scan# 2263
Delta R.T. -0.000 min
Lab File: VN073674.D
Acq: 01 Aug 2022 21:02

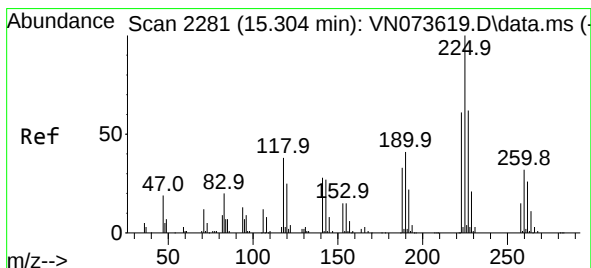
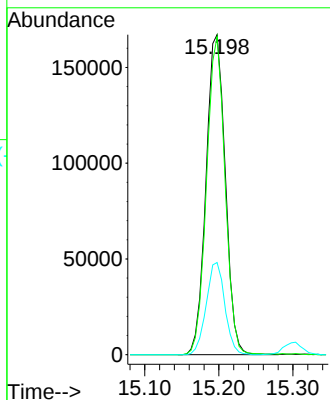
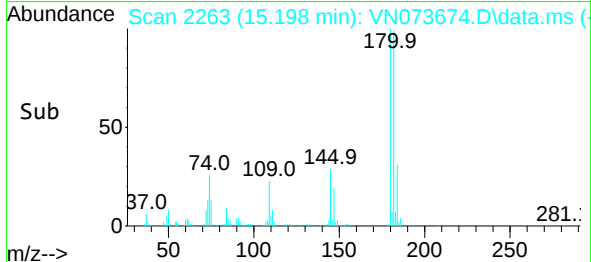
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



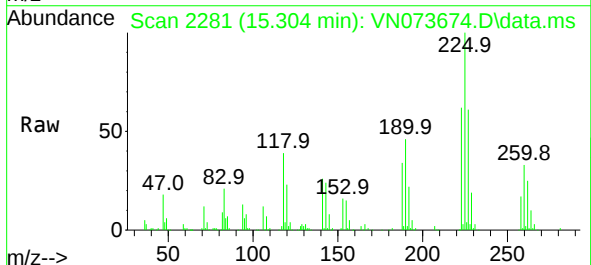
Tgt Ion:180 Resp: 30140
Ion Ratio Lower Upper
180 100
182 95.2 47.5 142.5
145 27.9 14.5 43.5

Manual Integrations
APPROVED

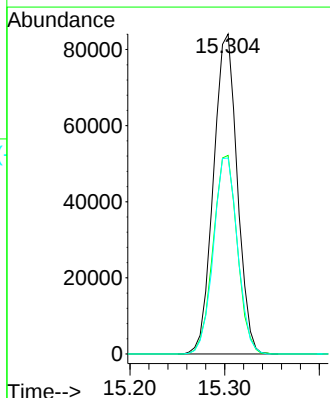
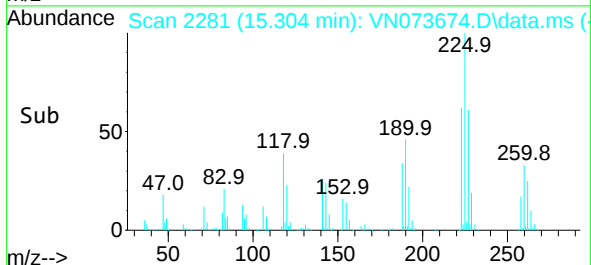
Reviewed By :John Carlone 08/02/2022
Supervised By :Mahesh Dadoda 08/02/2022

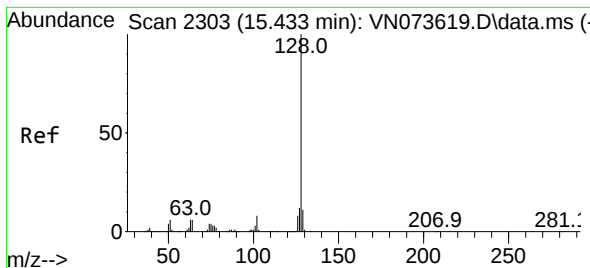


#94
Hexachlorobutadiene
Concen: 49.781 ug/l
RT: 15.304 min Scan# 2281
Delta R.T. -0.000 min
Lab File: VN073674.D
Acq: 01 Aug 2022 21:02



Tgt Ion:225 Resp: 146563
Ion Ratio Lower Upper
225 100
223 62.9 32.4 97.2
227 62.4 31.8 95.4





#95

Naphthalene

Concen: 91.064 ug/l

RT: 15.433 min Scan# 2303

Delta R.T. -0.000 min

Lab File: VN073674.D

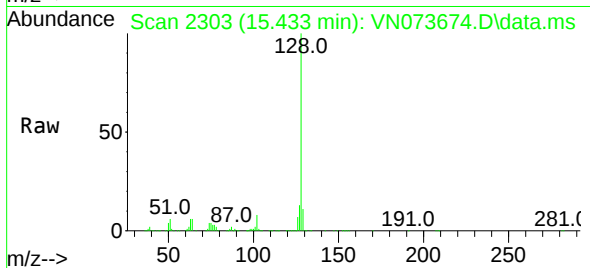
Acq: 01 Aug 2022 21:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



Tgt Ion:128 Resp: 1600354

Ion Ratio Lower Upper

128 100

127 12.8 10.3 15.5

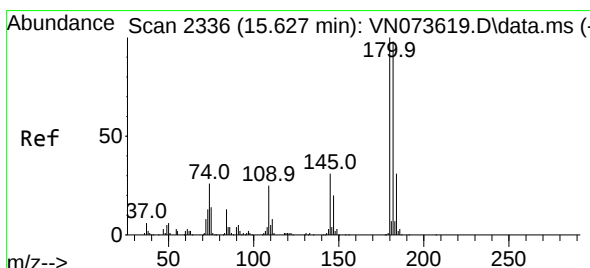
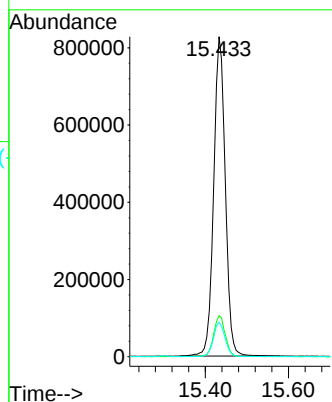
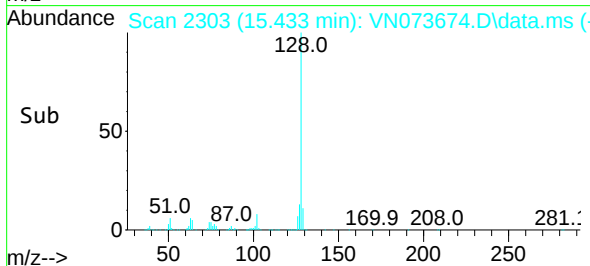
129 10.9 8.6 13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/02/2022

Supervised By :Mahesh Dadoda 08/02/2022



#96

1,2,3-Trichlorobenzene

Concen: 53.565 ug/l

RT: 15.627 min Scan# 2336

Delta R.T. -0.000 min

Lab File: VN073674.D

Acq: 01 Aug 2022 21:02

Tgt Ion:180 Resp: 305308

Ion Ratio Lower Upper

180 100

182 97.1 47.8 143.3

145 30.2 15.5 46.5

