

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072722\
 Data File : VN073602.D
 Acq On : 27 Jul 2022 12:43
 Operator : JC\MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/28/2022
 Supervised By : Mahesh Dadoda 07/28/2022

Quant Time: Jul 27 13:12:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N072722W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jul 27 13:09:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.587	128	58747	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.904	114	321302	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.686	117	313708	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.369	65	152138	27.363	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	91.200%		
60) 4-Bromofluorobenzene	12.674	95	173856	29.287	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	97.633%		
63) Toluene-d8	10.381	98	514709	29.912	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	99.700%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.046	85	421777	94.827	ug/l	99
3) Chloromethane	2.269	50	529616	114.730	ug/l	98
4) Vinyl Chloride	2.405	62	678272	153.266	ug/l	99
5) Bromomethane	2.781	94	360050	207.720	ug/l	99
6) Chloroethane	2.952	64	436761	155.570	ug/l	99
7) Trichlorofluoromethane	3.310	101	653682	93.554	ug/l	99
8) Diethyl Ether	3.763	74	274858	97.598	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.140	101	396356	101.221	ug/l #	66
10) 1,1-Dichloroethene	4.110	96	392770	99.570	ug/l	98
11) Methyl Iodide	4.346	142	503488	128.101	ug/l	88
12) Methyl Acetate	4.775	43	660112	82.639	ug/l	99
13) Acrolein	3.975	56	584687	654.888	ug/l	97
14) Acrylonitrile	5.469	53	1565868	497.428	ug/l	98
15) Acetone	4.216	58	413374	480.546	ug/l	87
16) Carbon Disulfide	4.457	76	1071676	101.575	ug/l	98
17) Allyl chloride	4.757	41	657937	89.298	ug/l	86
18) Methylene Chloride	5.010	84	472214	98.990	ug/l	99
19) trans-1,2-Dichloroethene	5.510	96	436075	103.535	ug/l	97
20) Diisopropyl ether	6.410	45	1442670	92.503	ug/l	94
21) 1,1-Dichloroethane	6.304	63	825705	98.934	ug/l	97
22) cis-1,2-Dichloroethene	7.245	96	534099	106.741	ug/l	94
23) tert-Butyl Alcohol	5.293	59	559263	445.866	ug/l #	100
24) Methyl tert-Butyl Ether	5.528	73	1426035	98.087	ug/l	92
25) Chloroform	7.745	83	854501	101.917	ug/l	99
26) Cyclohexane	8.022	56	739651	101.882	ug/l #	99
29) 1,1-Dichloropropene	8.151	75	638004	108.637	ug/l	99
30) 2-Butanone	7.257	43	2157004	488.796	ug/l	99
31) 2,2-Dichloropropane	7.245	77	648385	185.567	ug/l	99
32) 1,1,1-Trichloroethane	7.939	97	727065	101.726	ug/l	99
33) Carbon Tetrachloride	8.134	117	628138	104.225	ug/l	99
34) Benzene	8.387	78	2007559	109.232	ug/l	97
35) Methacrylonitrile	7.563	41	356540	90.642	ug/l	96
36) 1,2-Dichloroethane	8.463	62	648922	97.022	ug/l #	95
37) Trichloroethene	9.151	130	508190	111.383	ug/l	96
38) Methylcyclohexane	9.392	83	817705	117.621	ug/l	98
39) 1,2-Dichloropropane	9.428	63	504065	106.145	ug/l	99
40) Dibromomethane	9.516	93	343137	107.026	ug/l	89
41) Bromodichloromethane	9.698	83	674946	104.663	ug/l	95
42) Vinyl Acetate	6.351	43	6463619	478.911	ug/l	96

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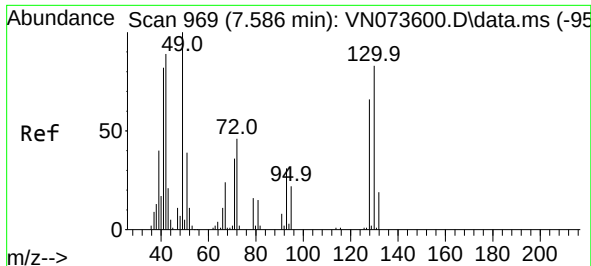
Manual Integrations
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 Supervised By : Mahesh Dadoda 07/28/2022

Quant Time: Jul 27 13:12:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N072722W.M
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.340	43	827049	101.889	ug/l	97
44) Isopropyl Acetate	8.492	43	1183268	93.389	ug/l	95
45) 1,4-Dioxane	9.504	88	282884	2373.034	ug/l	97
46) Methyl methacrylate	9.498	41	531117	92.324	ug/l	85
47) n-amyl Acetate	12.327	43	1011948	99.984	ug/l	98
48) t-1,3-Dichloropropene	10.657	75	750378	123.556	ug/l	99
49) cis-1,3-Dichloropropene	10.128	75	816177	122.807	ug/l #	88
50) 1,1,2-Trichloroethane	10.839	97	520128	111.782	ug/l	99
51) Ethyl methacrylate	10.704	69	840562	109.597	ug/l	86
52) 1,3-Dichloropropane	10.986	76	879687	109.926	ug/l	100
53) Dibromochloromethane	11.180	129	557611	114.990	ug/l	99
54) 1,2-Dibromoethane	11.286	107	549613	112.942	ug/l	96
55) 2-Chloroethyl vinyl ether	9.981	63	1924076	583.658	ug/l	100
56) Bromoform	12.398	173	456055	127.709	ug/l #	99
58) 4-Methyl-2-Pentanone	10.269	43	4254552	476.197	ug/l	95
59) 2-Hexanone	11.028	43	3293329	482.098	ug/l	93
61) Tetrachloroethene	10.916	164	494634	117.187	ug/l	91
62) Toluene	10.445	91	2254675	107.181	ug/l	98
64) Chlorobenzene	11.710	112	1383650	109.900	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.780	131	521106	109.289	ug/l	99
66) Ethyl Benzene	11.786	91	2542382	110.483	ug/l	98
67) m/p-Xylenes	11.892	106	1955362	225.625	ug/l	97
68) o-Xylene	12.222	106	977682	112.661	ug/l	97
69) Styrene	12.233	104	1639284	116.883	ug/l	96
70) Isopropylbenzene	12.522	105	2505852	112.444	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.769	83	827301	106.511	ug/l	98
72) 1,2,3-Trichloropropane	12.822	75	738479m	121.158	ug/l	
73) Bromobenzene	12.798	156	622162	118.466	ug/l	97
74) n-propylbenzene	12.863	91	2938703	115.329	ug/l	98
75) 2-Chlorotoluene	12.945	91	1716834	108.600	ug/l	100
76) 1,3,5-Trimethylbenzene	12.998	105	2082142	111.681	ug/l	95
77) t-1,4-Dichloro-2-butene	12.569	75	284267	144.591	ug/l	92
78) 4-Chlorotoluene	13.045	91	1679292	110.612	ug/l	100
79) tert-butylbenzene	13.263	119	1841137	112.964	ug/l	94
80) 1,2,4-Trimethylbenzene	13.310	105	2090821m	114.370	ug/l	
81) sec-Butylbenzene	13.439	105	2651789	119.032	ug/l	97
82) p-Isopropyltoluene	13.557	119	2260525	125.085	ug/l	96
83) 1,3-Dichlorobenzene	13.557	146	1145838	123.170	ug/l	97
84) 1,4-Dichlorobenzene	13.633	146	1125671	121.605	ug/l	97
85) n-Butylbenzene	13.880	91	1883854	127.806	ug/l	96
86) Hexachloroethane	14.151	117	395910	112.412	ug/l	79
87) 1,2-Dichlorobenzene	13.927	146	1133743	116.364	ug/l	97
88) 1,2-Dibromo-3-Chloropr...	14.545	75	188757	98.404	ug/l #	74
89) 1,2,4-Trichlorobenzene	15.198	180	705177	138.755	ug/l	96
90) Hexachlorobutadiene	15.304	225	328681	150.930	ug/l	98
91) Naphthalene	15.433	128	2339461	121.677	ug/l	99
92) 1,2,3-Trichlorobenzene	15.627	180	707159	135.626	ug/l	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed



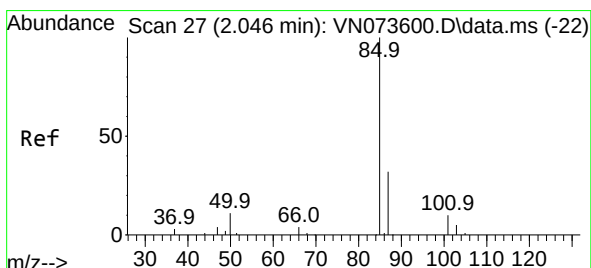
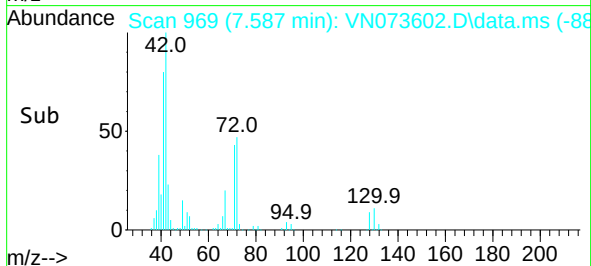
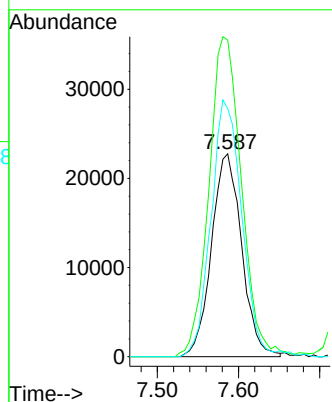
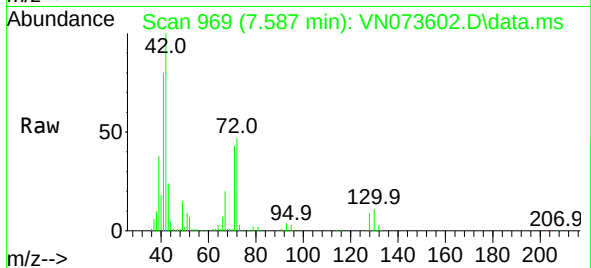
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Bromochloromethane
Concen: 30.000 ug/l
RT: 7.587 min Scan# 969
Delta R.T. 0.001 min
Lab File: VN073602.D
Acq: 27 Jul 2022 12:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:128 Resp: 5874
Ion Ratio Lower Upper
128 100
49 170.0 0.0 392.3
130 128.6 0.0 320.2

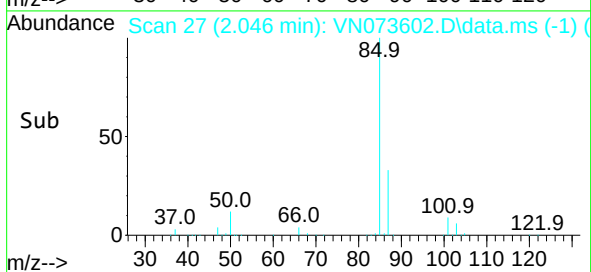
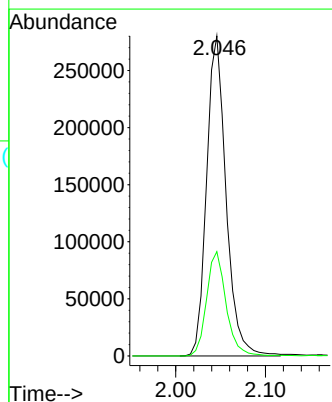
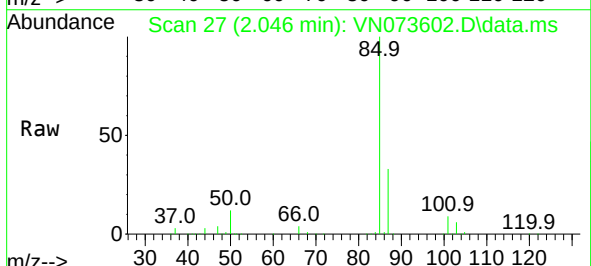
Manual Integrations
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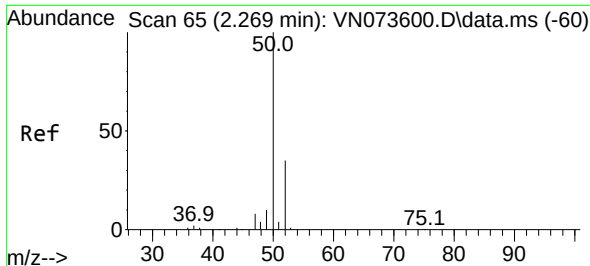
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022



#2
Dichlorodifluoromethane
Concen: 94.827 ug/l
RT: 2.046 min Scan# 27
Delta R.T. 0.000 min
Lab File: VN073602.D
Acq: 27 Jul 2022 12:43

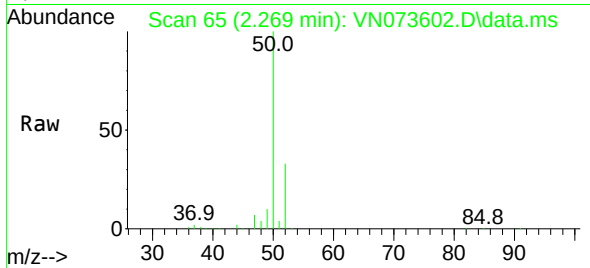
Tgt Ion: 85 Resp: 421777
Ion Ratio Lower Upper
85 100
87 32.6 16.6 49.7





#3
Chloromethane
Concen: 114.730 ug/l
RT: 2.269 min Scan# 65
Delta R.T. 0.000 min
Lab File: VN073602.D
Acq: 27 Jul 2022 12:43

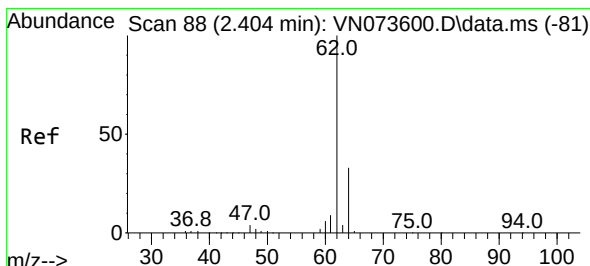
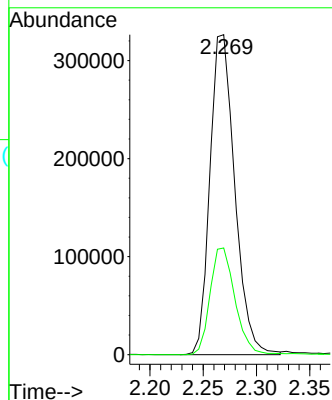
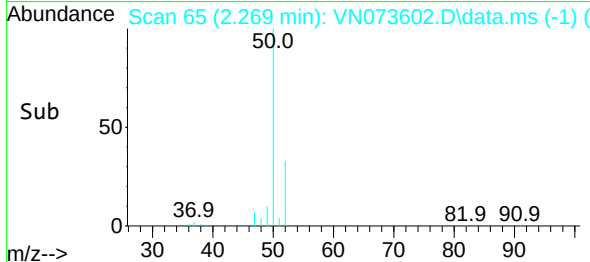
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



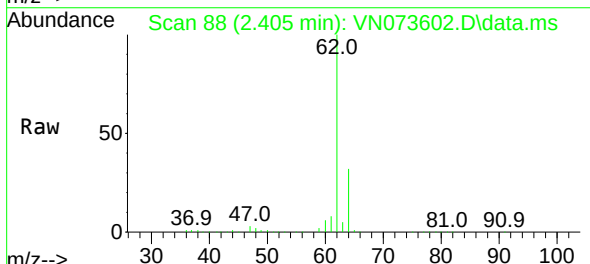
Tgt Ion: 50 Resp: 529610
Ion Ratio Lower Upper
50 100
52 33.4 27.8 41.6

Manual Integrations
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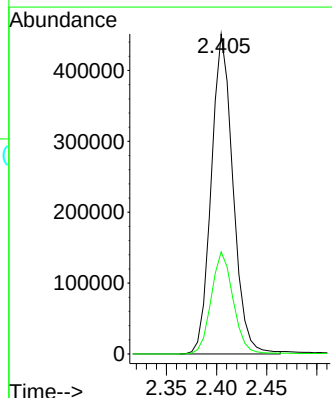
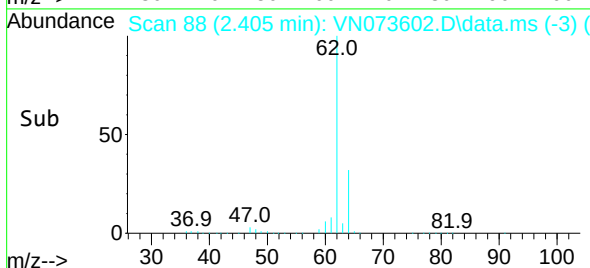
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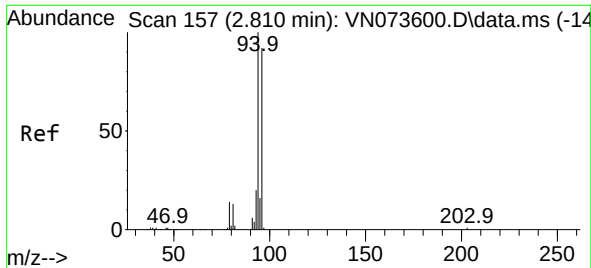


#4
Vinyl Chloride
Concen: 153.266 ug/l
RT: 2.405 min Scan# 88
Delta R.T. 0.000 min
Lab File: VN073602.D
Acq: 27 Jul 2022 12:43



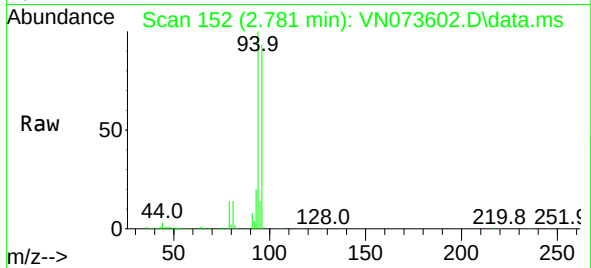
Tgt Ion: 62 Resp: 678272
Ion Ratio Lower Upper
62 100
64 31.9 25.1 37.7





#5
Bromomethane
Concen: 207.720 ug/l
RT: 2.781 min Scan# 11
Delta R.T. -0.029 min
Lab File: VN073602.D
Acq: 27 Jul 2022 12:43

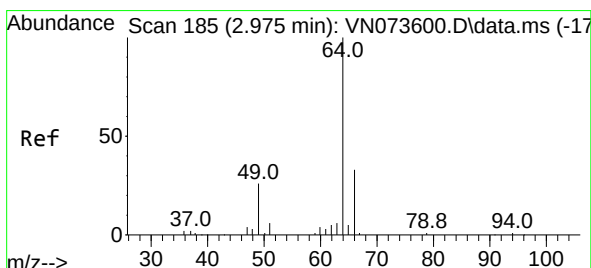
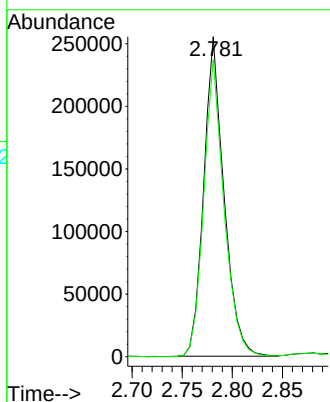
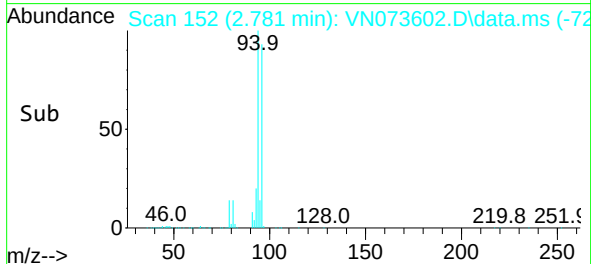
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion: 94 Resp: 360050
Ion Ratio Lower Upper
94 100
96 92.8 75.2 112.8

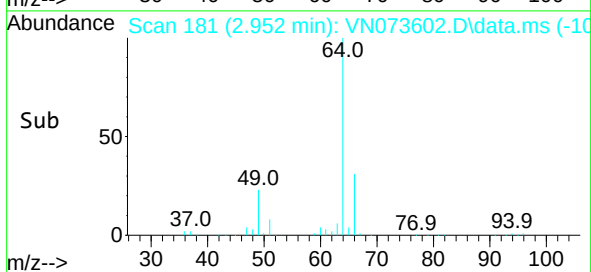
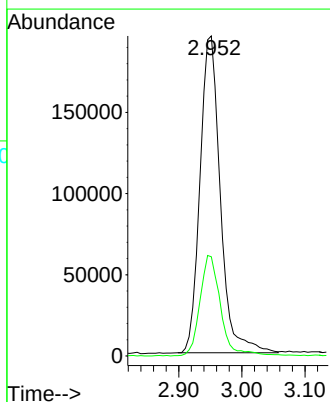
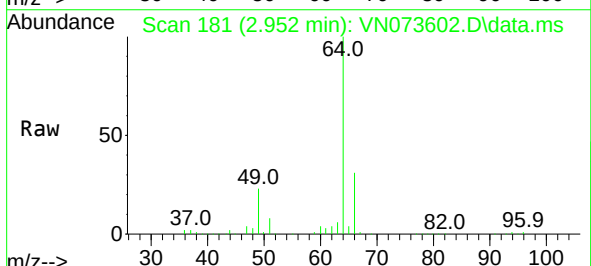
Manual Integrations
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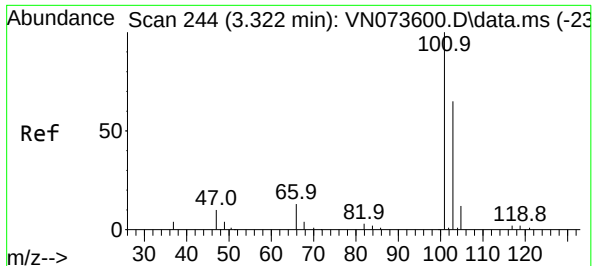
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022



#6
Chloroethane
Concen: 155.570 ug/l
RT: 2.952 min Scan# 181
Delta R.T. -0.023 min
Lab File: VN073602.D
Acq: 27 Jul 2022 12:43

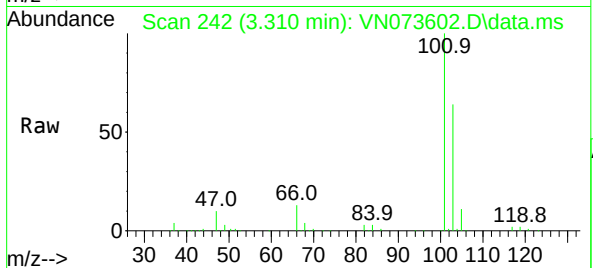
Tgt Ion: 64 Resp: 436761
Ion Ratio Lower Upper
64 100
66 31.2 24.6 36.8





#7
Trichlorofluoromethane
Concen: 93.554 ug/l
RT: 3.310 min Scan# 244
Delta R.T. -0.012 min
Lab File: VN073602.D
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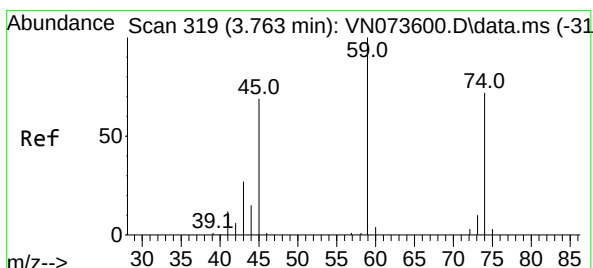
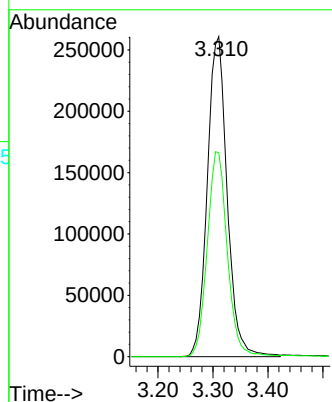
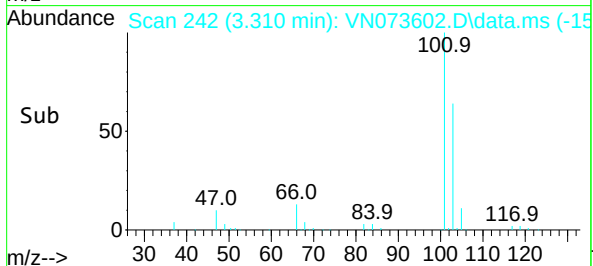
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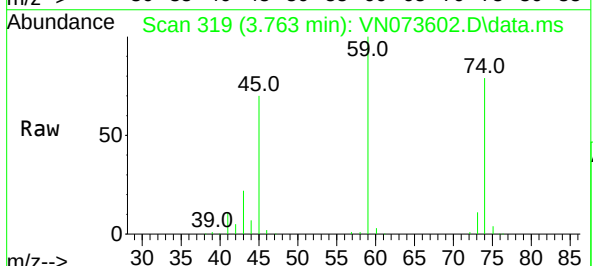
Tgt Ion:101 Resp: 65368
Ion Ratio Lower Upper
101 100
103 63.7 50.1 75.1

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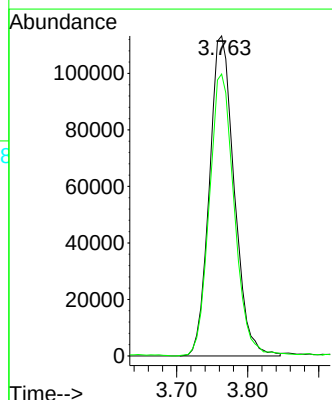
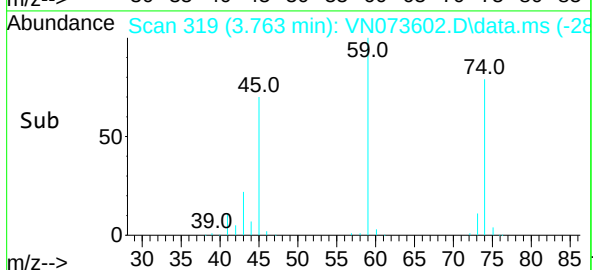
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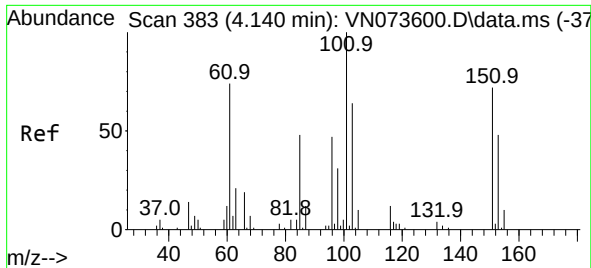


#8
Diethyl Ether
Concen: 97.598 ug/l
RT: 3.763 min Scan# 319
Delta R.T. 0.000 min
Lab File: VN073602.D
Acq: 27 Jul 2022 12:43



Tgt Ion: 74 Resp: 274858
Ion Ratio Lower Upper
74 100
45 87.9 17.6 158.8





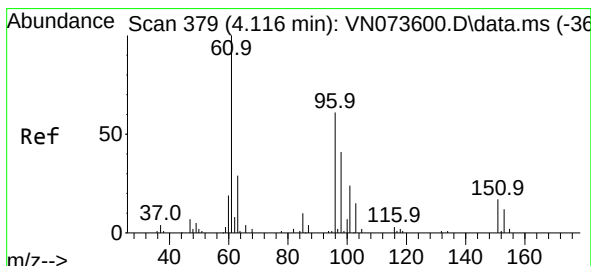
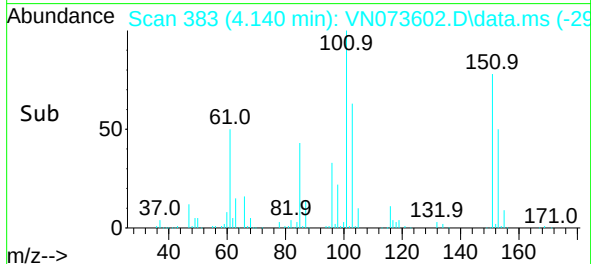
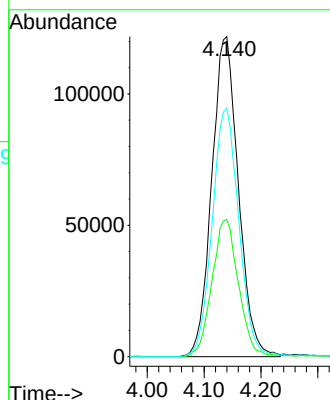
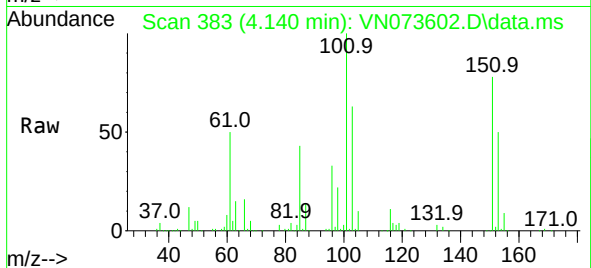
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1,1,2-Trichlorotrifluoroethane
Concen: 101.221 ug/l
RT: 4.140 min Scan# 383
Delta R.T. 0.000 min
Lab File: VN073602.D
Acq: 27 Jul 2022 12:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:101 Resp: 396350
Ion Ratio Lower Upper
101 100
85 42.4 0.0 94.0
151 77.9 0.0 74.6

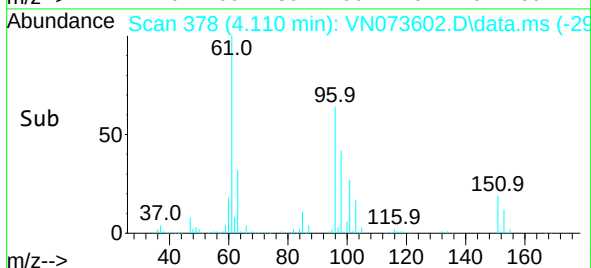
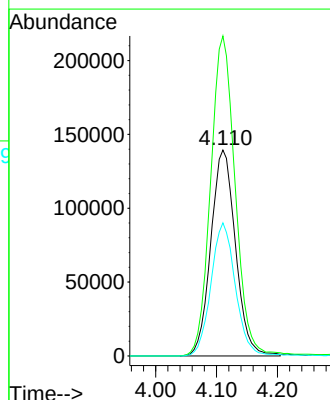
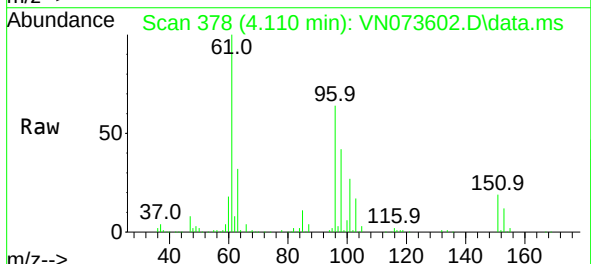
Manual Integrations
APPROVED

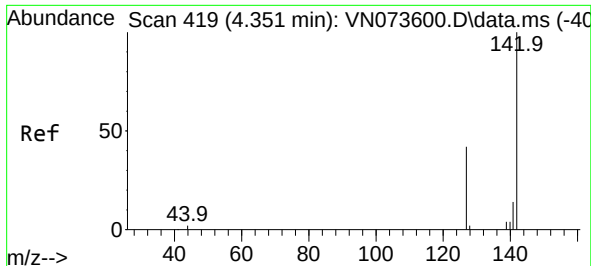
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022



#10
1,1-Dichloroethene
Concen: 99.570 ug/l
RT: 4.110 min Scan# 378
Delta R.T. -0.006 min
Lab File: VN073602.D
Acq: 27 Jul 2022 12:43

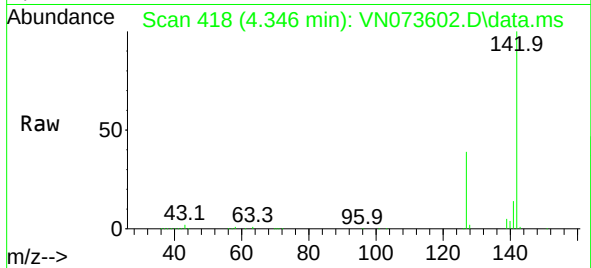
Tgt Ion: 96 Resp: 392770
Ion Ratio Lower Upper
96 100
61 155.3 126.2 189.4
98 64.7 50.9 76.3





#11
Methyl Iodide
Concen: 128.101 ug/l
RT: 4.346 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN073602.D
Acq: 27 Jul 2022 12:43

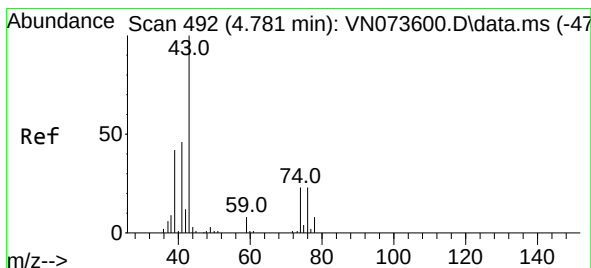
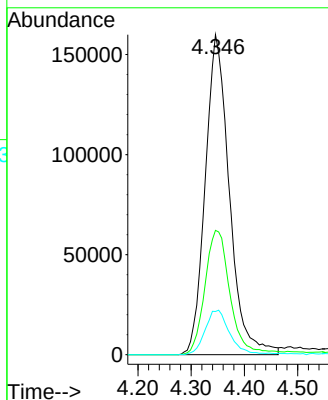
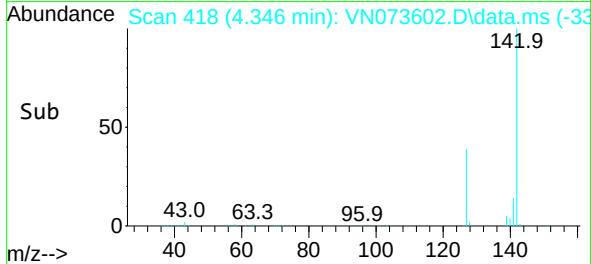
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion:142 Resp: 50348
Ion Ratio Lower Upper
142 100
127 38.8 24.0 72.0
141 13.4 8.4 25.2

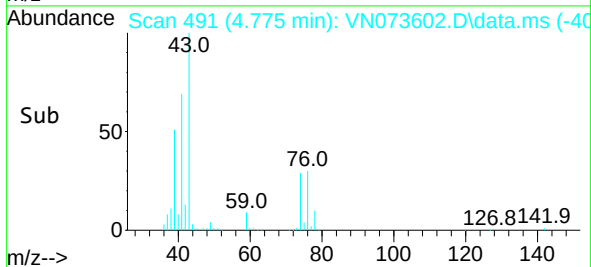
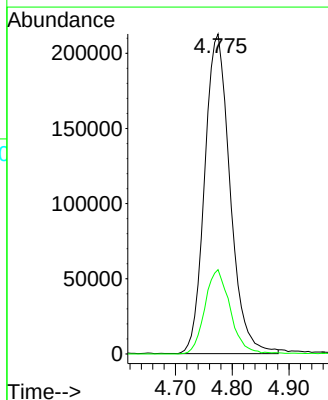
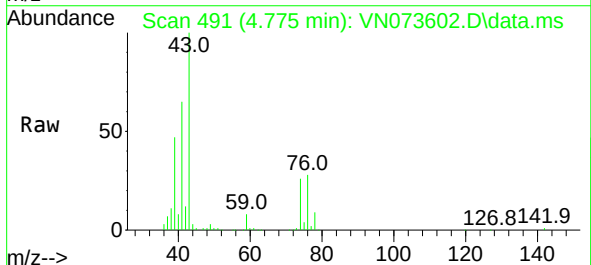
Manual Integrations
APPROVED

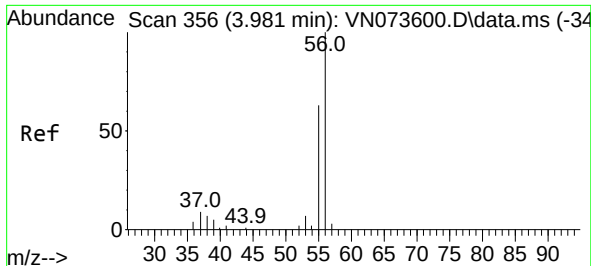
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022



#12
Methyl Acetate
Concen: 82.639 ug/l
RT: 4.775 min Scan# 491
Delta R.T. -0.006 min
Lab File: VN073602.D
Acq: 27 Jul 2022 12:43

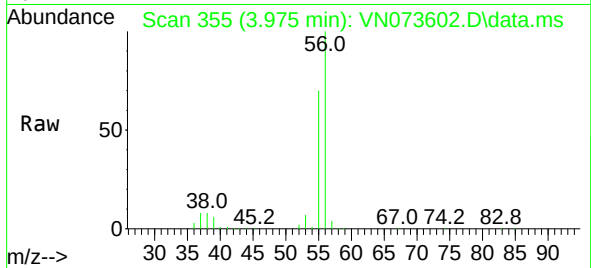
Tgt Ion: 43 Resp: 660112
Ion Ratio Lower Upper
43 100
74 26.4 20.8 31.2





#13
Acrolein
Concen: 654.888 ug/l
RT: 3.975 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN073602.D
Acq: 27 Jul 2022 12:43

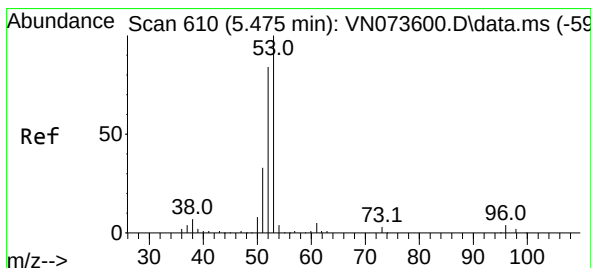
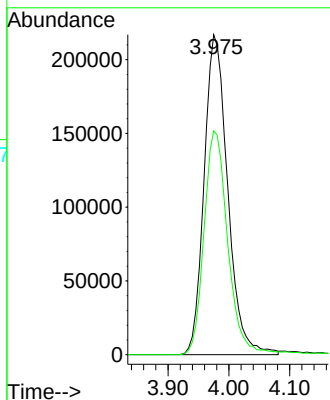
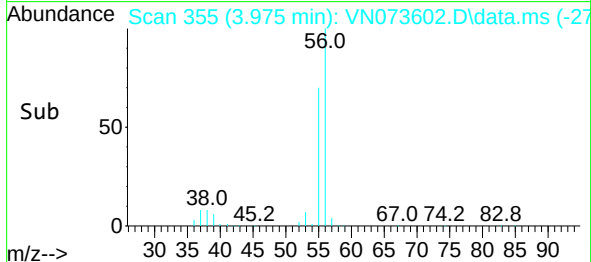
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 56 Resp: 58468
Ion Ratio Lower Upper
56 100
55 69.3 57.6 86.4

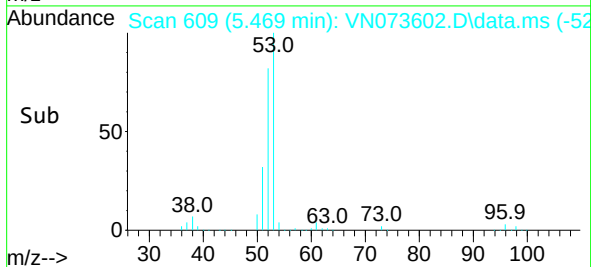
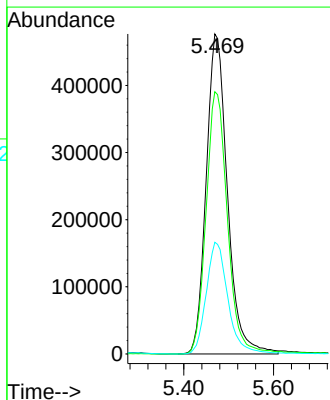
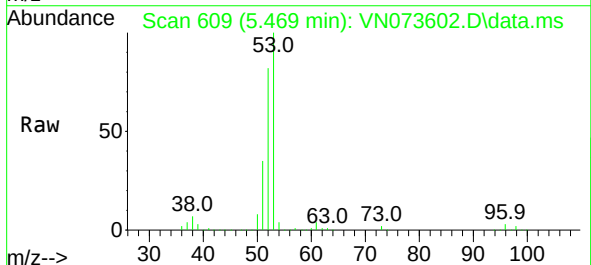
Manual Integrations
APPROVED

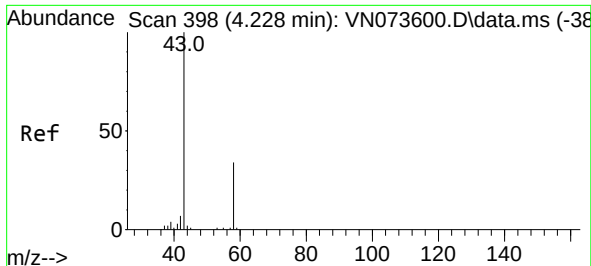
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022



#14
Acrylonitrile
Concen: 497.428 ug/l
RT: 5.469 min Scan# 609
Delta R.T. -0.006 min
Lab File: VN073602.D
Acq: 27 Jul 2022 12:43

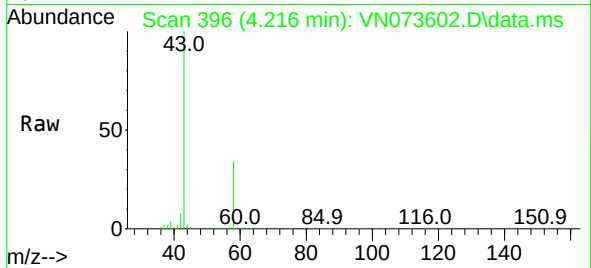
Tgt Ion: 53 Resp: 1565868
Ion Ratio Lower Upper
53 100
52 82.4 41.8 125.4
51 35.8 19.0 57.0





#15
Acetone
Concen: 480.546 ug/l
RT: 4.216 min Scan# 396
Delta R.T. -0.012 min
Lab File: VN073602.D
Acq: 27 Jul 2022 12:43

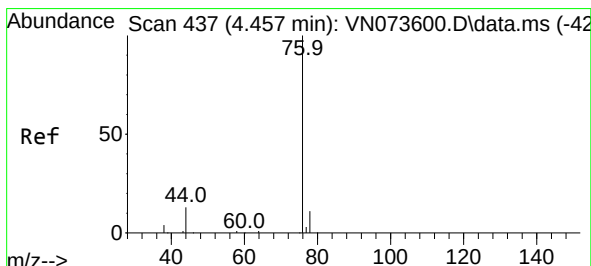
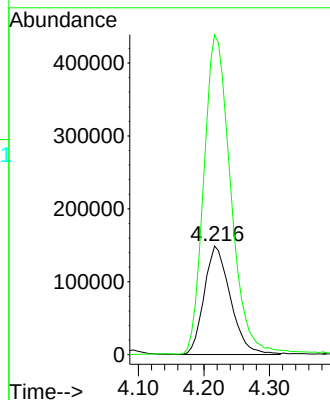
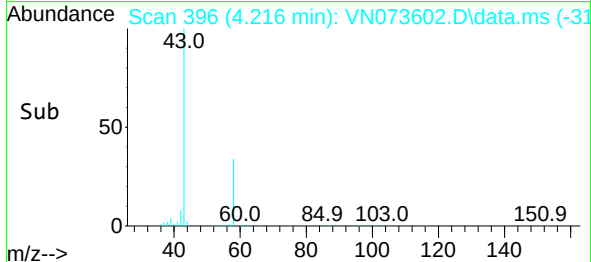
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 58 Resp: 413374
Ion Ratio Lower Upper
58 100
43 294.6 256.6 384.8

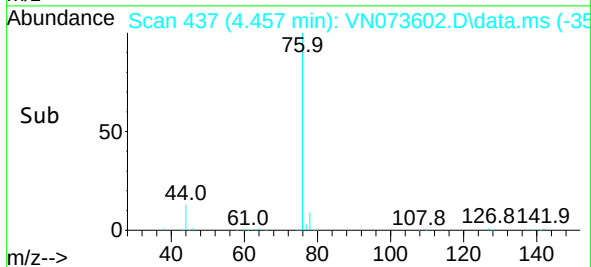
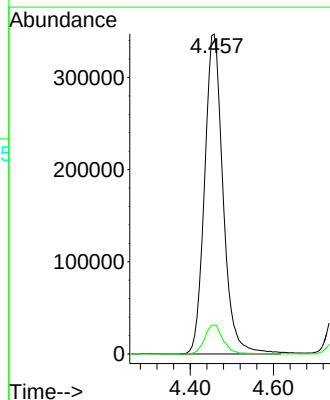
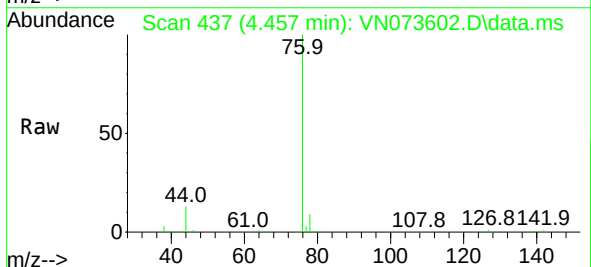
Manual Integrations
APPROVED

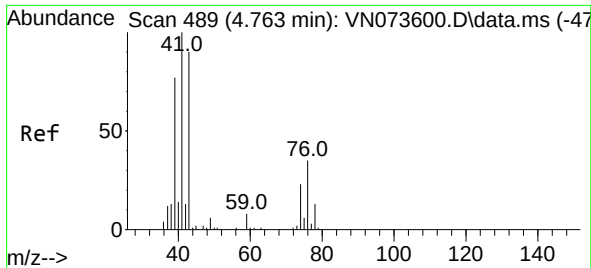
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022



#16
Carbon Disulfide
Concen: 101.575 ug/l
RT: 4.457 min Scan# 437
Delta R.T. 0.000 min
Lab File: VN073602.D
Acq: 27 Jul 2022 12:43

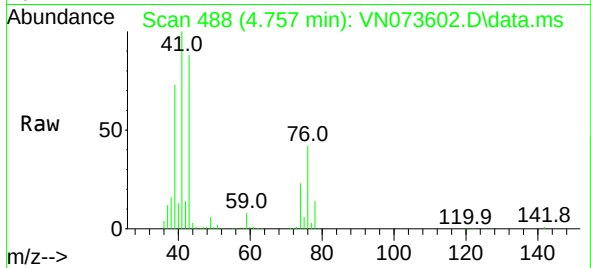
Tgt Ion: 76 Resp: 1071676
Ion Ratio Lower Upper
76 100
78 9.1 7.8 11.8





#17
 Allyl chloride
 Concen: 89.298 ug/l
 RT: 4.757 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VN073602.D
 Acq: 27 Jul 2022 12:43

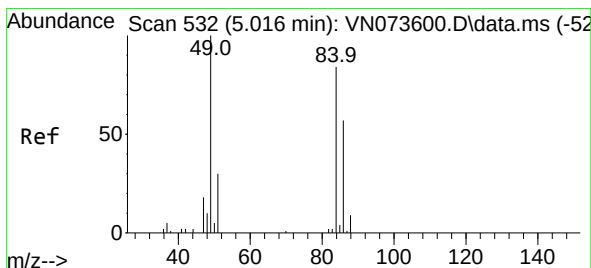
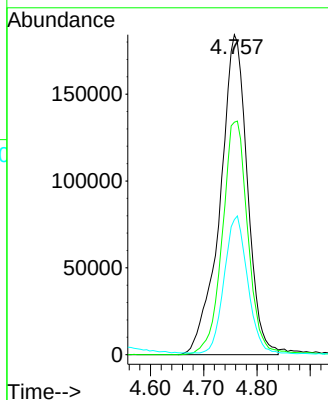
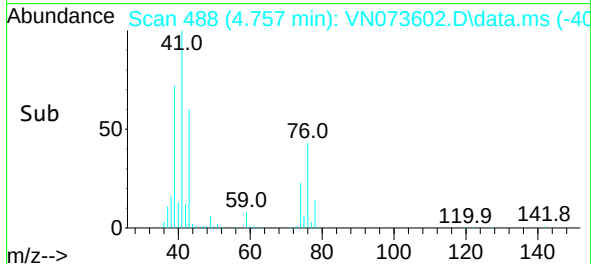
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100



Tgt Ion: 41 Resp: 65793
 Ion Ratio Lower Upper
 41 100
 39 72.6 44.6 134.0
 76 41.6 19.6 58.7

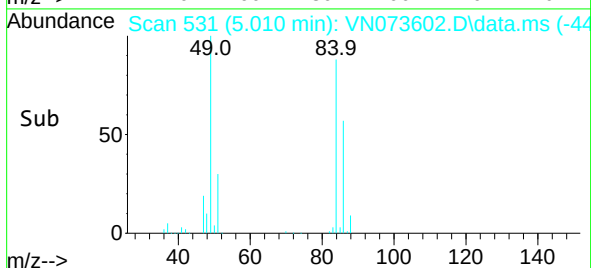
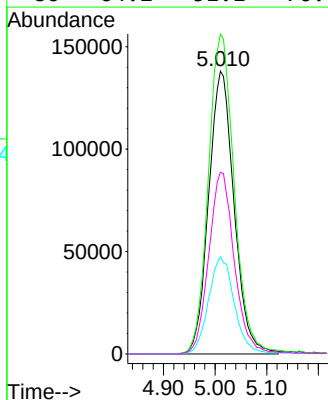
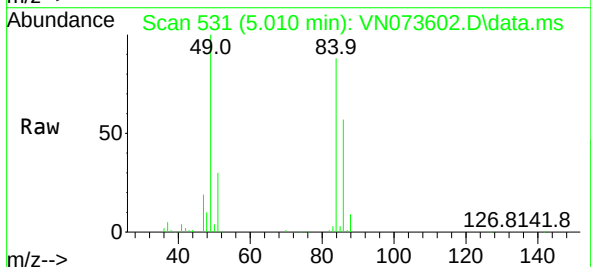
Manual Integrations
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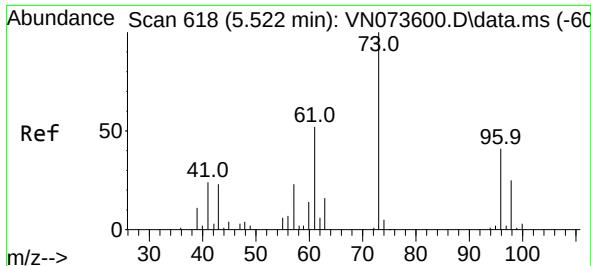
Reviewed By :John Carlone 07/28/2022
 Supervised By :Mahesh Dadoda 07/28/2022



#18
 Methylene Chloride
 Concen: 98.990 ug/l
 RT: 5.010 min Scan# 531
 Delta R.T. -0.006 min
 Lab File: VN073602.D
 Acq: 27 Jul 2022 12:43

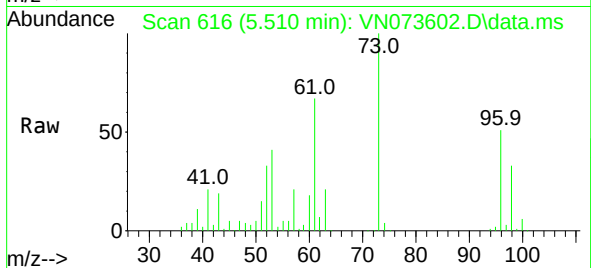
Tgt Ion: 84 Resp: 472214
 Ion Ratio Lower Upper
 84 100
 49 112.9 91.4 137.0
 51 34.4 29.4 44.0
 86 64.2 51.1 76.7





#19
trans-1,2-Dichloroethene
Concen: 103.535 ug/l
RT: 5.510 min Scan# 618
Delta R.T. -0.012 min
Lab File: VN073602.D
Acq: 27 Jul 2022 12:43

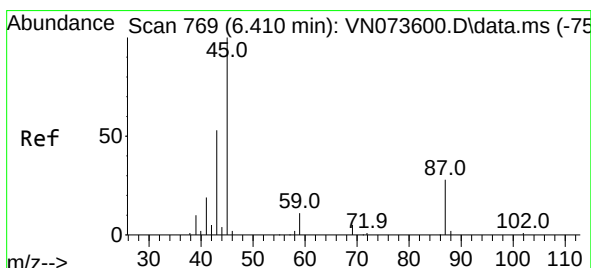
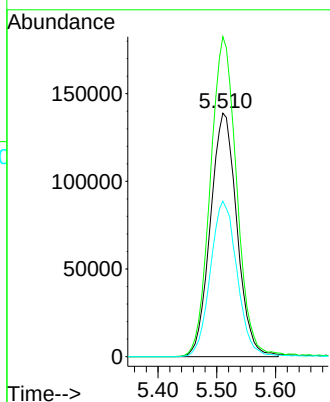
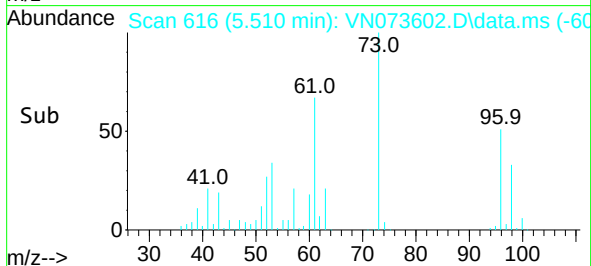
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion: 96 Resp: 436079
Ion Ratio Lower Upper
96 100
61 131.2 102.8 154.2
98 63.9 49.3 73.9

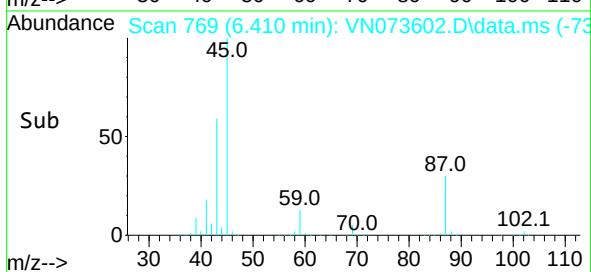
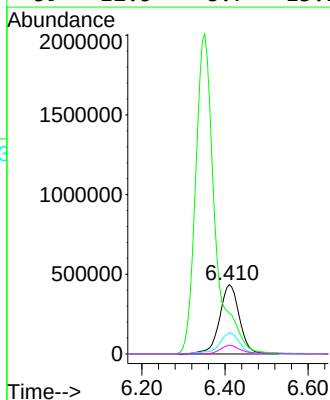
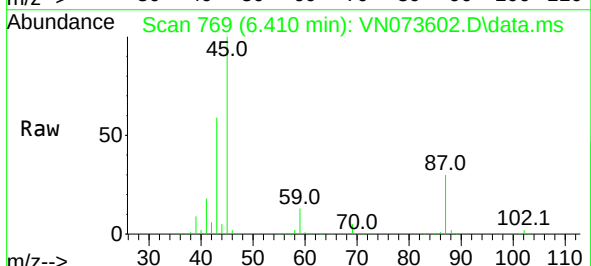
Manual Integrations
APPROVED

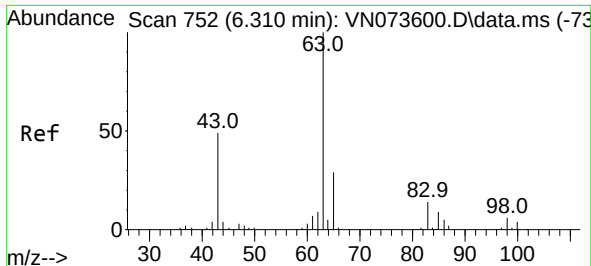
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022



#20
Diisopropyl ether
Concen: 92.503 ug/l
RT: 6.410 min Scan# 769
Delta R.T. 0.000 min
Lab File: VN073602.D
Acq: 27 Jul 2022 12:43

Tgt Ion: 45 Resp: 1442670
Ion Ratio Lower Upper
45 100
43 57.8 51.0 76.4
87 30.1 25.0 37.4
59 12.5 8.7 13.1





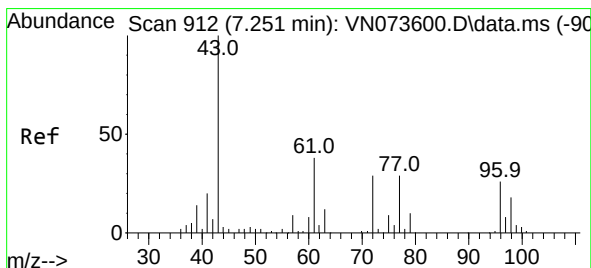
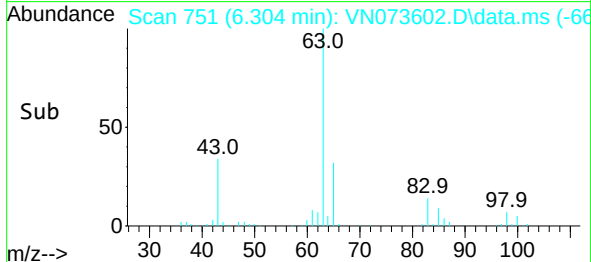
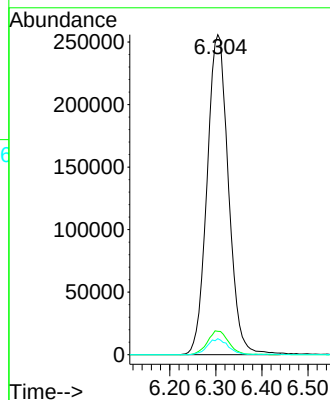
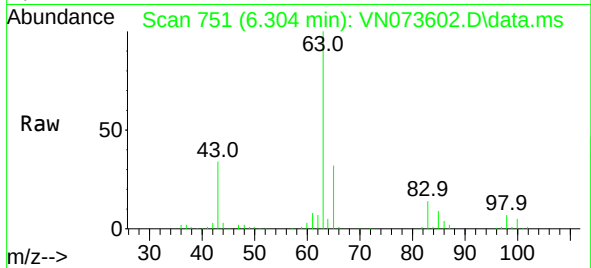
#21
1,1-Dichloroethane
Concen: 98.934 ug/l
RT: 6.304 min Scan# 751
Delta R.T. -0.006 min
Lab File: VN073602.D
Acq: 27 Jul 2022 12:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion: 63 Resp: 82570
Ion Ratio Lower Upper
63 100
98 7.3 3.2 9.6
100 5.0 2.1 6.2

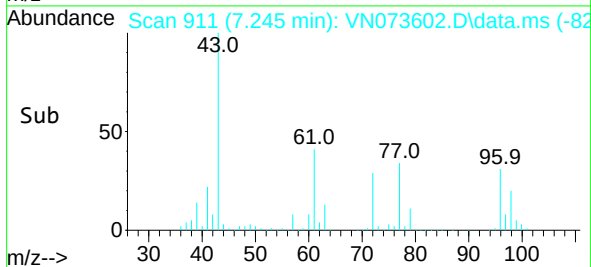
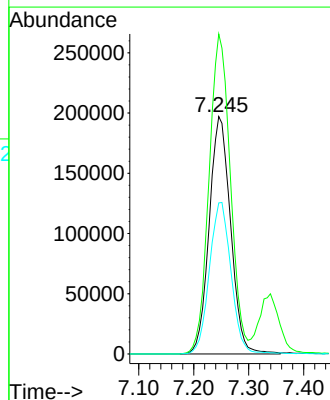
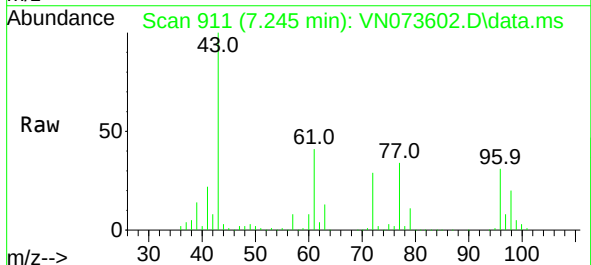
Manual Integrations
APPROVED

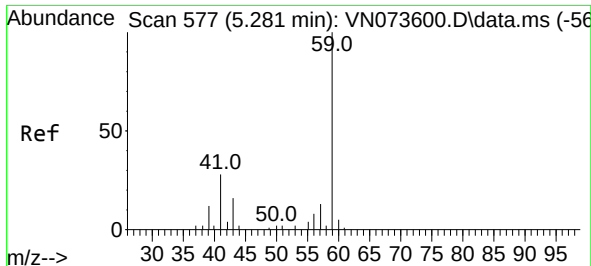
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022



#22
cis-1,2-Dichloroethene
Concen: 106.741 ug/l
RT: 7.245 min Scan# 911
Delta R.T. -0.006 min
Lab File: VN073602.D
Acq: 27 Jul 2022 12:43

Tgt Ion: 96 Resp: 534099
Ion Ratio Lower Upper
96 100
61 133.9 115.7 173.5
98 64.5 51.6 77.4





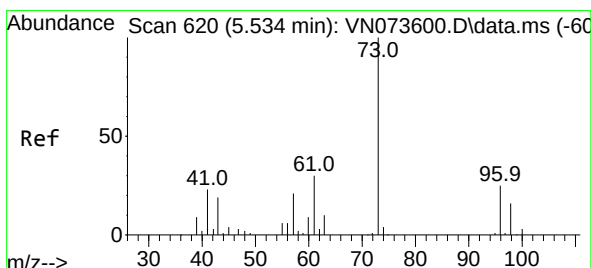
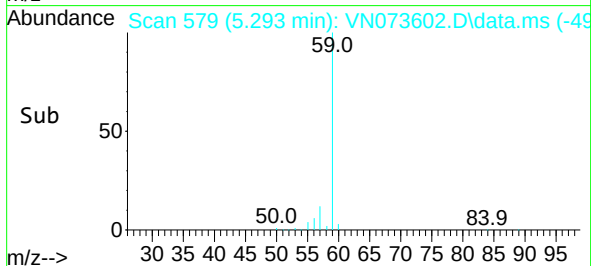
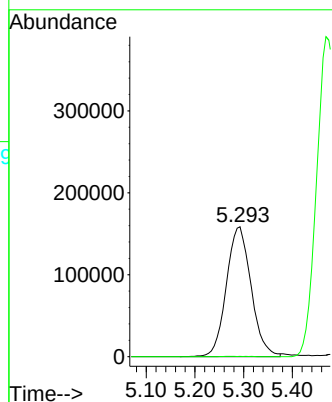
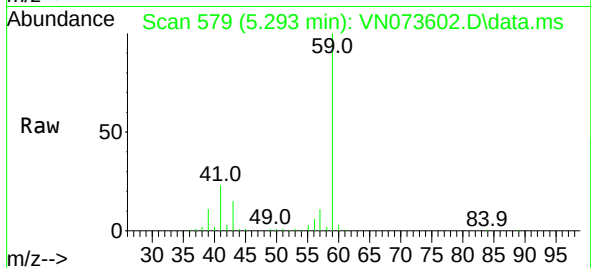
#23
tert-Butyl Alcohol
Concen: 445.866 ug/l
RT: 5.293 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN073602.D
Acq: 27 Jul 2022 12:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 59 Resp: 55926
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

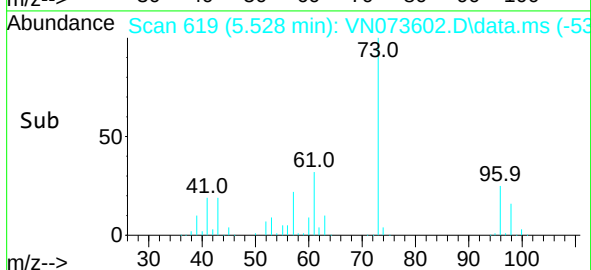
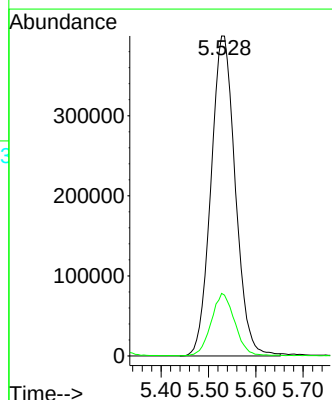
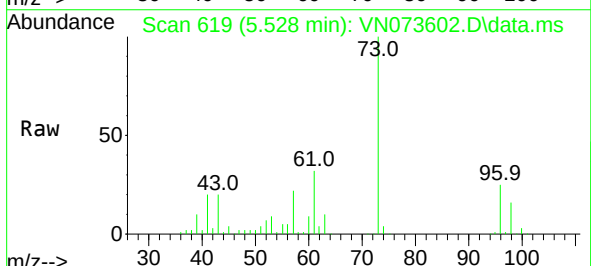
Manual Integrations
APPROVED

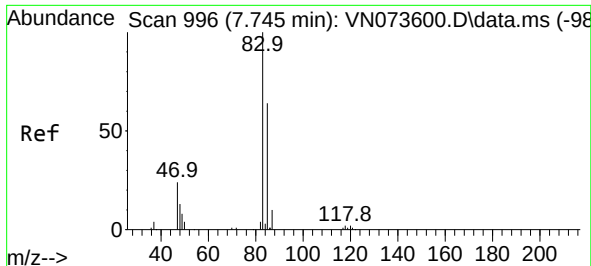
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022



#24
Methyl tert-Butyl Ether
Concen: 98.087 ug/l
RT: 5.528 min Scan# 619
Delta R.T. -0.006 min
Lab File: VN073602.D
Acq: 27 Jul 2022 12:43

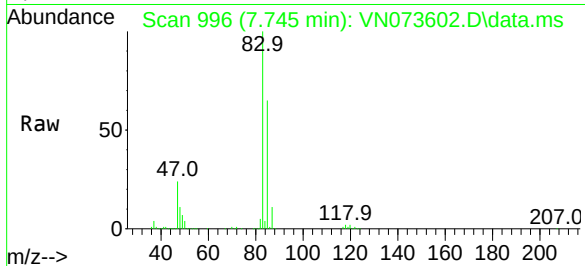
Tgt Ion: 73 Resp: 1426035
Ion Ratio Lower Upper
73 100
43 18.7 18.1 27.1





#25
Chloroform
Concen: 101.917 ug/l
RT: 7.745 min Scan# 996
Delta R.T. 0.000 min
Lab File: VN073602.D
Acq: 27 Jul 2022 12:43

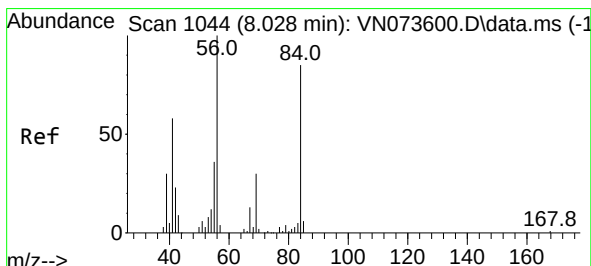
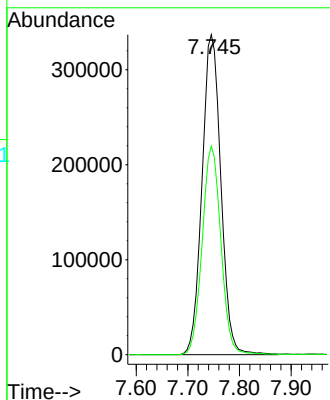
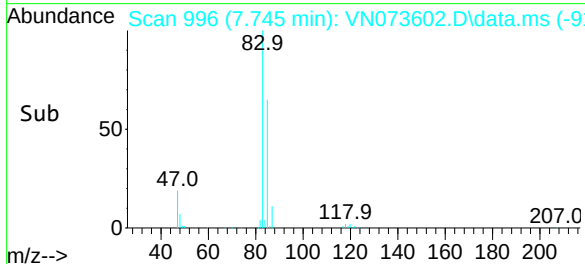
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



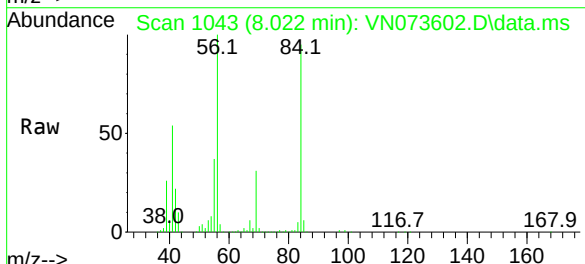
Tgt Ion: 83 Resp: 85450
Ion Ratio Lower Upper
83 100
85 65.2 51.3 76.9

Manual Integrations
APPROVED

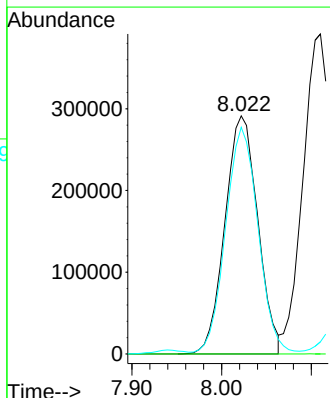
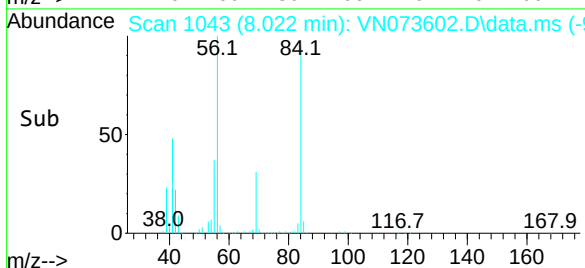
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022

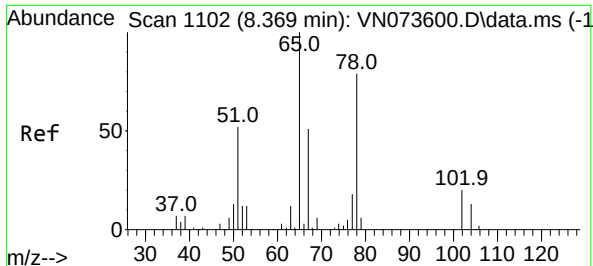


#26
Cyclohexane
Concen: 101.882 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. -0.006 min
Lab File: VN073602.D
Acq: 27 Jul 2022 12:43



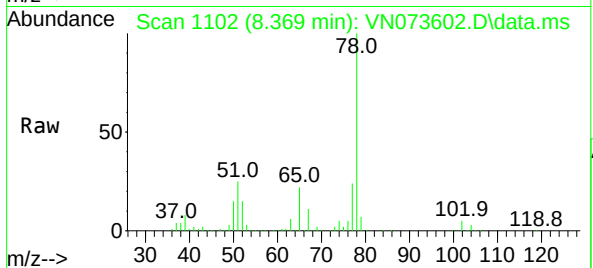
Tgt Ion: 56 Resp: 739651
Ion Ratio Lower Upper
56 100
89 0.0 0.1 0.1#
84 94.6 74.6 111.8





#27
1,2-Dichloroethane-d4
Concen: 27.363 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. 0.000 min
Lab File: VN073602.D
Acq: 27 Jul 2022 12:43

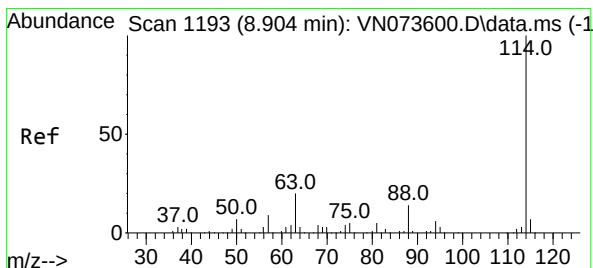
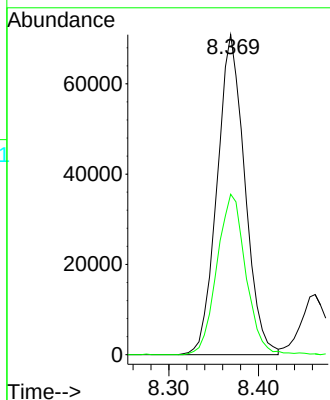
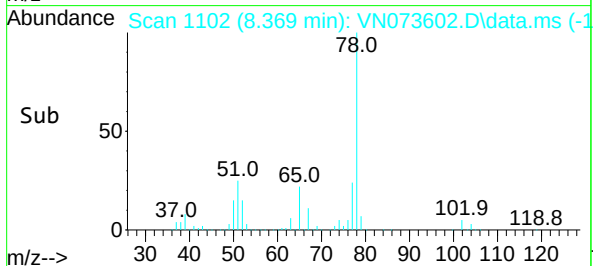
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



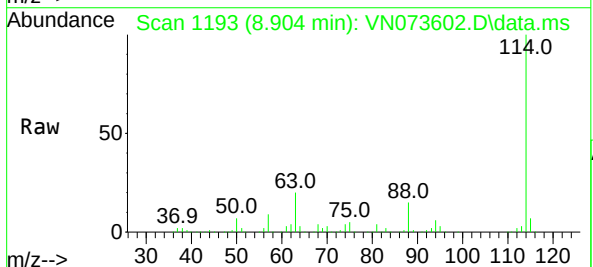
Tgt Ion: 65 Resp: 152138
Ion Ratio Lower Upper
65 100
67 52.1 40.2 60.2

Manual Integrations
APPROVED

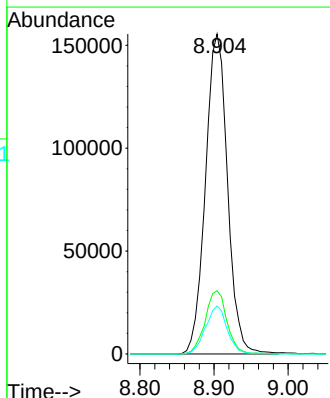
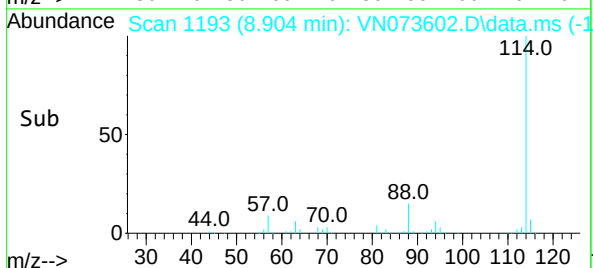
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022

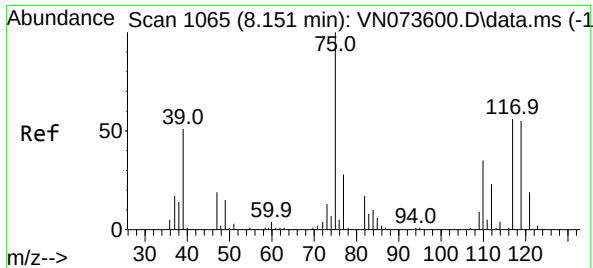


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.904 min Scan# 1193
Delta R.T. 0.000 min
Lab File: VN073602.D
Acq: 27 Jul 2022 12:43



Tgt Ion:114 Resp: 321302
Ion Ratio Lower Upper
114 100
63 19.5 15.8 23.6
88 14.6 11.6 17.4





#29
1,1-Dichloropropene
Concen: 108.637 ug/l
RT: 8.151 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VN073602.D
Acq: 27 Jul 2022 12:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

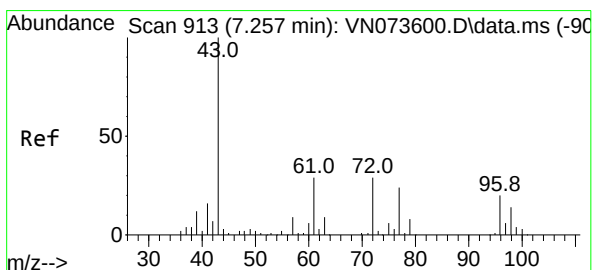
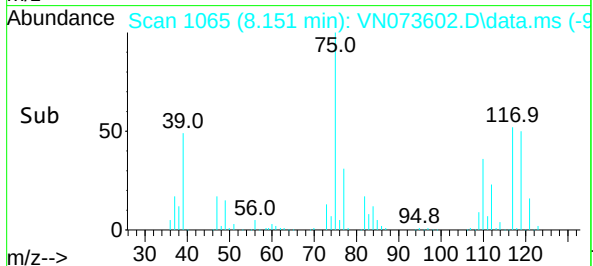
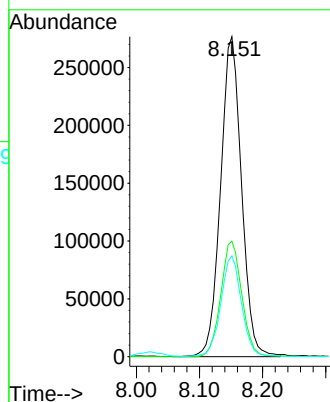
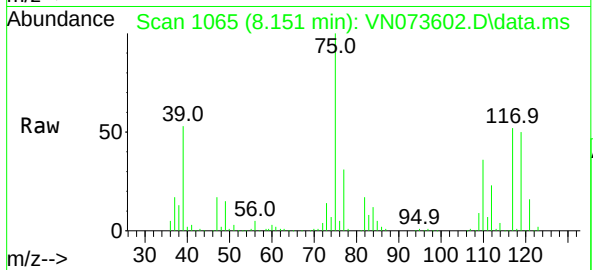
Tgt Ion: 75 Resp: 638004
Ion Ratio Lower Upper
75 100
110 36.2 0.0 74.2
77 31.1 0.0 63.2

Manual Integrations

APPROVED

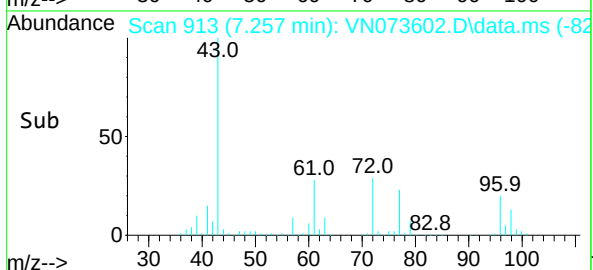
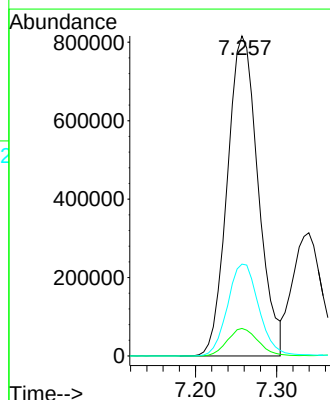
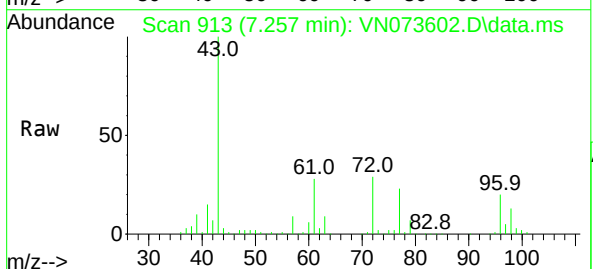
Reviewed By :John Carlone 07/28/2022

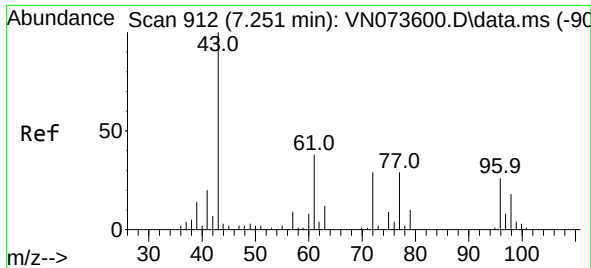
Supervised By :Mahesh Dadoda 07/28/2022



#30
2-Butanone
Concen: 488.796 ug/l
RT: 7.257 min Scan# 913
Delta R.T. 0.000 min
Lab File: VN073602.D
Acq: 27 Jul 2022 12:43

Tgt Ion: 43 Resp: 2157004
Ion Ratio Lower Upper
43 100
57 8.6 6.7 10.1
72 29.3 23.2 34.8





#31

2,2-Dichloropropane

Concen: 185.567 ug/l

RT: 7.245 min Scan# 911

Delta R.T. -0.006 min

Lab File: VN073602.D

Acq: 27 Jul 2022 12:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tgt Ion: 77 Resp: 64838

Ion Ratio Lower Upper

77 100

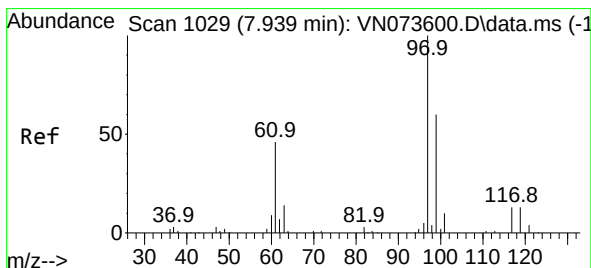
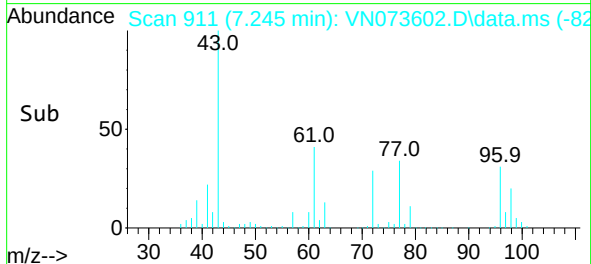
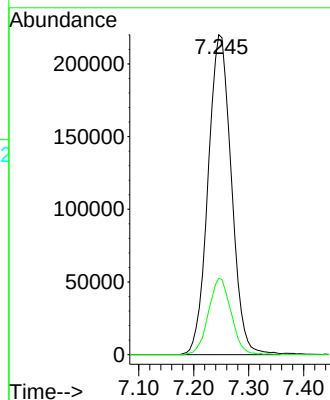
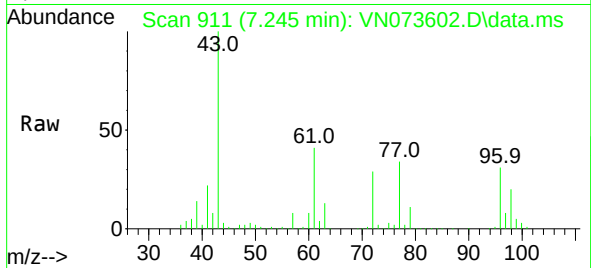
97 23.2 18.3 27.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2022

Supervised By :Mahesh Dadoda 07/28/2022



#32

1,1,1-Trichloroethane

Concen: 101.726 ug/l

RT: 7.939 min Scan# 1029

Delta R.T. 0.000 min

Lab File: VN073602.D

Acq: 27 Jul 2022 12:43

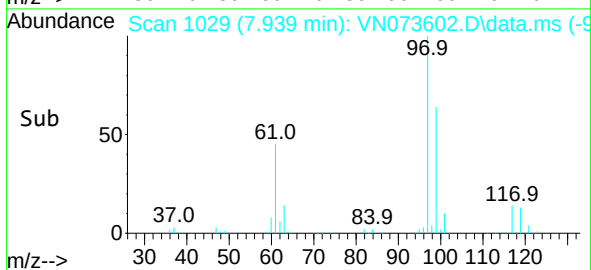
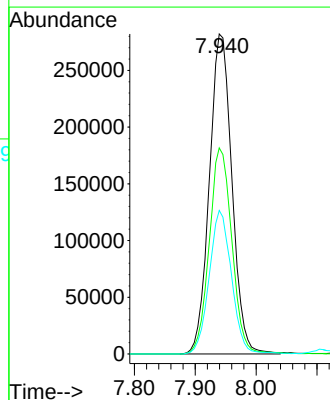
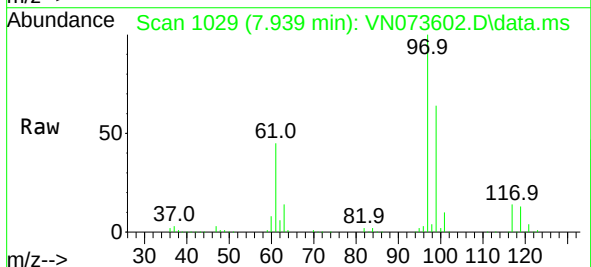
Tgt Ion: 97 Resp: 727065

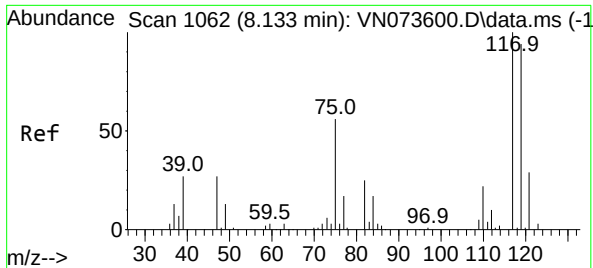
Ion Ratio Lower Upper

97 100

99 64.2 50.4 75.6

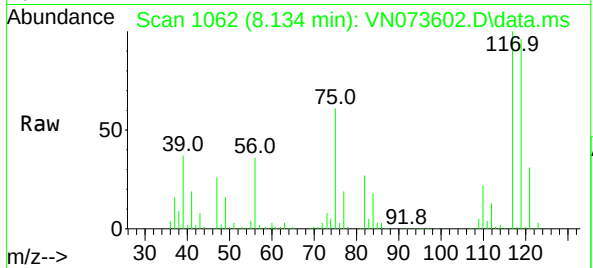
61 44.0 34.6 51.8





#33
Carbon Tetrachloride
Concen: 104.225 ug/l
RT: 8.134 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VN073602.D
Acq: 27 Jul 2022 12:43

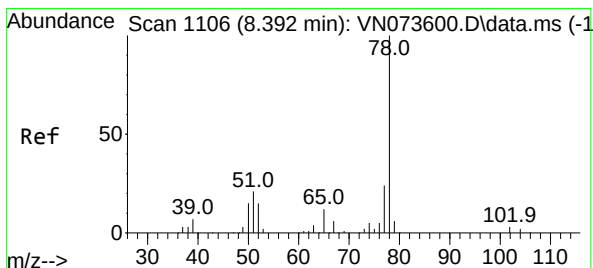
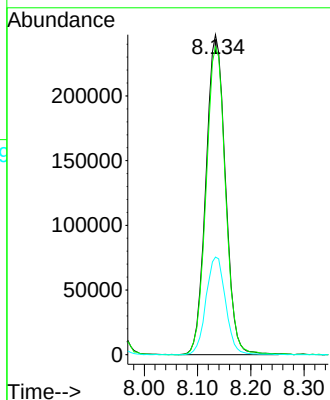
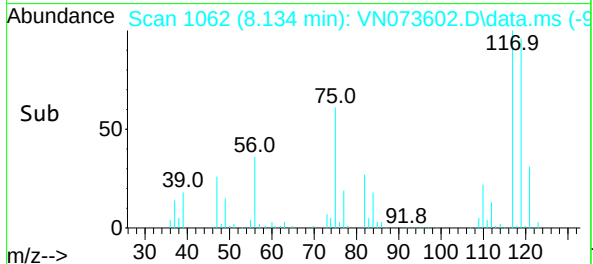
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



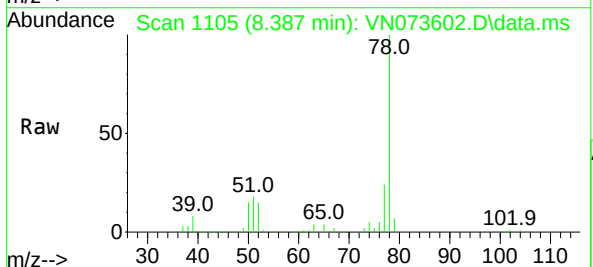
Tgt Ion:117 Resp: 628138
Ion Ratio Lower Upper
117 100
119 96.2 77.5 116.3
121 30.5 23.5 35.3

Manual Integrations
APPROVED

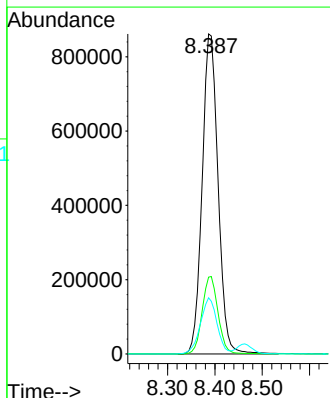
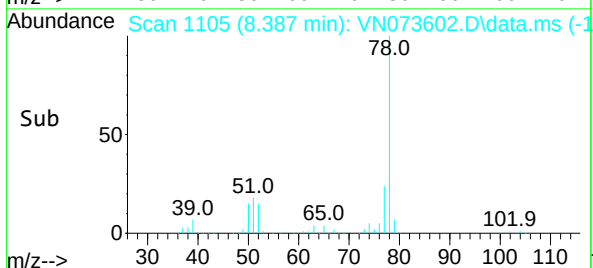
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022

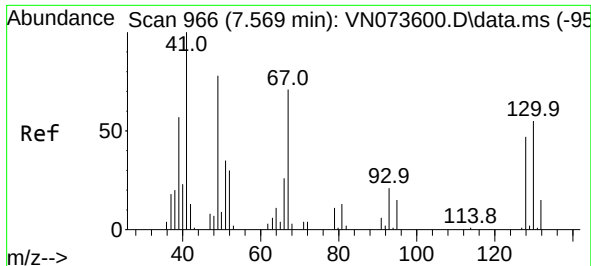


#34
Benzene
Concen: 109.232 ug/l
RT: 8.387 min Scan# 1105
Delta R.T. -0.006 min
Lab File: VN073602.D
Acq: 27 Jul 2022 12:43



Tgt Ion: 78 Resp: 2007559
Ion Ratio Lower Upper
78 100
77 24.0 19.1 28.7
51 17.5 16.0 24.0





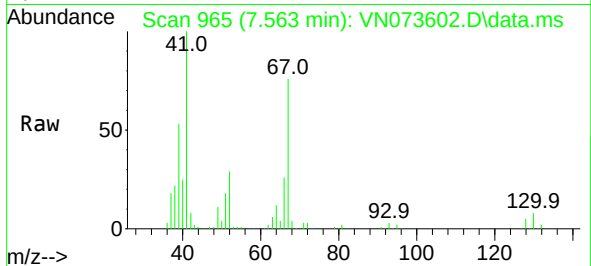
#35
Methacrylonitrile
Concen: 90.642 ug/l
RT: 7.563 min Scan# 965
Delta R.T. -0.006 min
Lab File: VN073602.D
Acq: 27 Jul 2022 12:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100



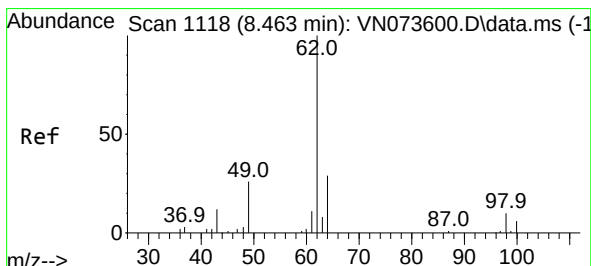
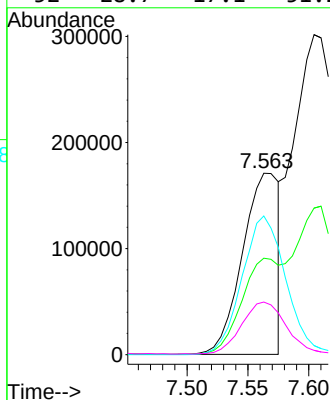
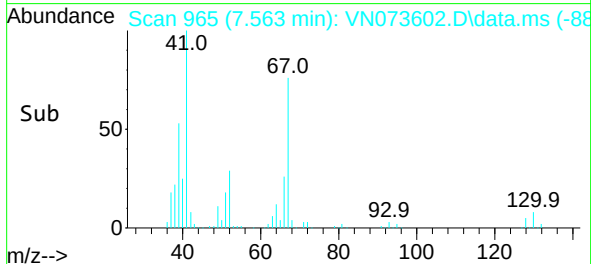
Tgt Ion: 41 Resp: 356540
Ion Ratio Lower Upper
41 100
39 53.0 28.0 83.9
67 76.6 37.7 113.1
52 28.7 17.1 51.2

Manual Integrations

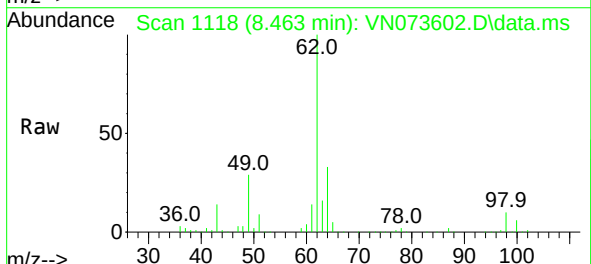
APPROVED

Reviewed By :John Carlone 07/28/2022

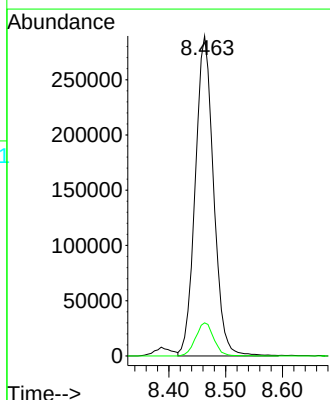
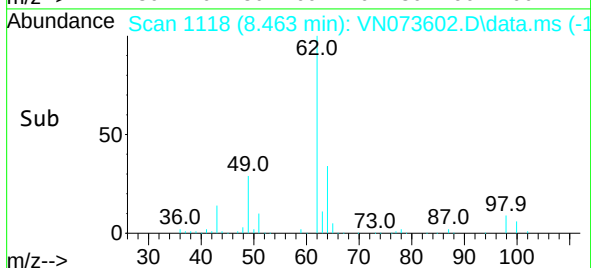
Supervised By :Mahesh Dadoda 07/28/2022

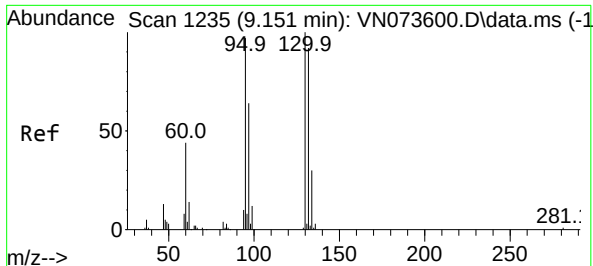


#36
1,2-Dichloroethane
Concen: 97.022 ug/l
RT: 8.463 min Scan# 1118
Delta R.T. 0.000 min
Lab File: VN073602.D
Acq: 27 Jul 2022 12:43



Tgt Ion: 62 Resp: 648922
Ion Ratio Lower Upper
62 100
98 10.2 6.6 10.0#





#37

Trichloroethene

Concen: 111.383 ug/l

RT: 9.151 min Scan# 1235

Delta R.T. 0.000 min

Lab File: VN073602.D

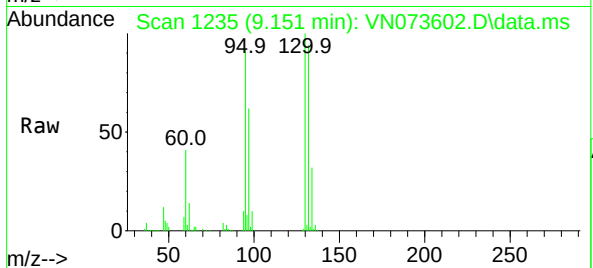
Acq: 27 Jul 2022 12:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100



Tgt Ion:130 Resp: 508190

Ion Ratio Lower Upper

130 100

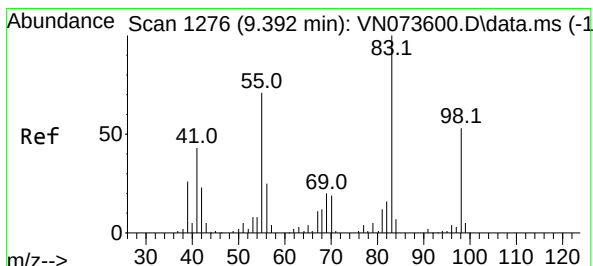
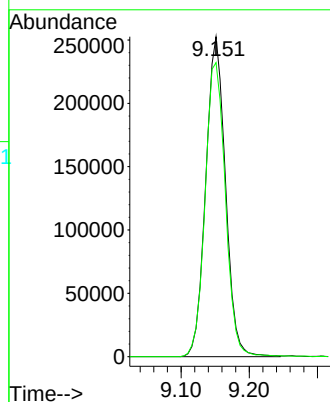
95 91.9 76.6 115.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2022

Supervised By :Mahesh Dadoda 07/28/2022



#38

Methylcyclohexane

Concen: 117.621 ug/l

RT: 9.392 min Scan# 1276

Delta R.T. 0.000 min

Lab File: VN073602.D

Acq: 27 Jul 2022 12:43

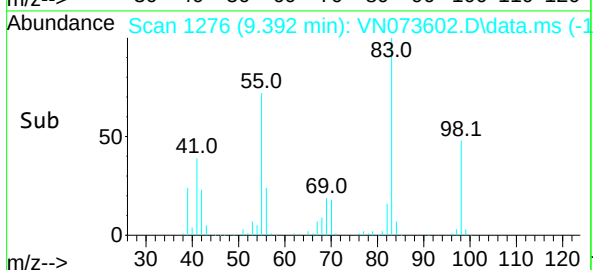
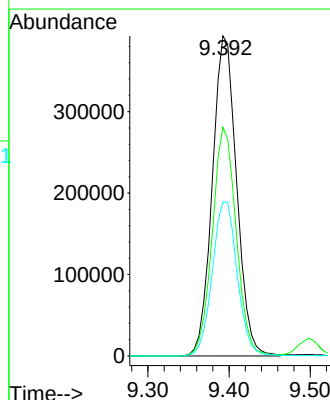
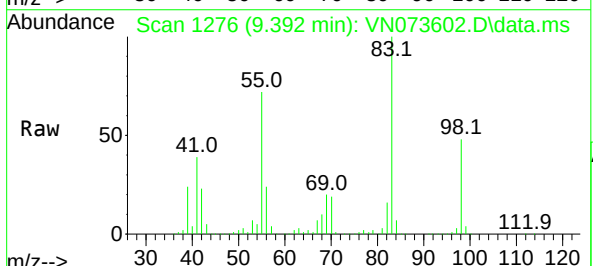
Tgt Ion: 83 Resp: 817705

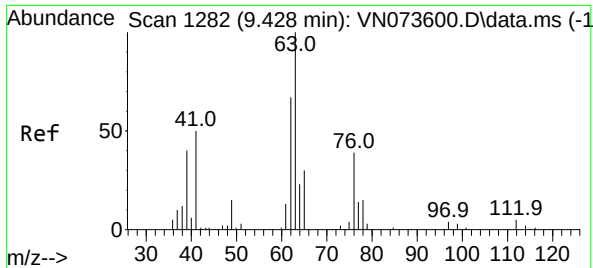
Ion Ratio Lower Upper

83 100

55 70.3 35.1 105.3

98 49.4 23.4 70.2





#39

1,2-Dichloropropane

Concen: 106.145 ug/l

RT: 9.428 min Scan# 1282

Delta R.T. 0.000 min

Lab File: VN073602.D

Acq: 27 Jul 2022 12:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 63 Resp: 50406

Ion Ratio Lower Upper

63 100

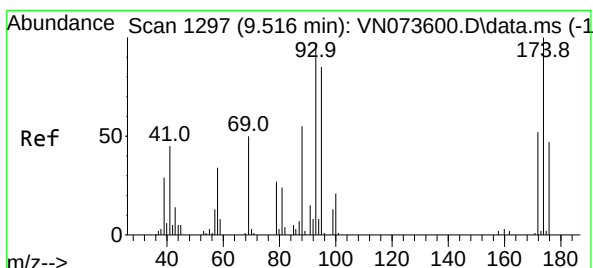
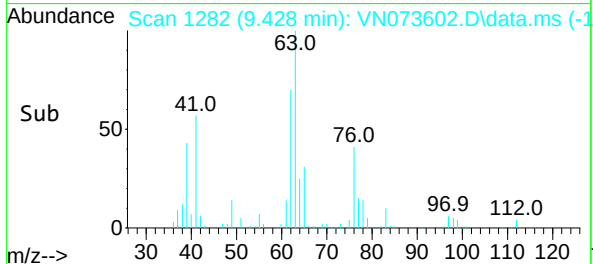
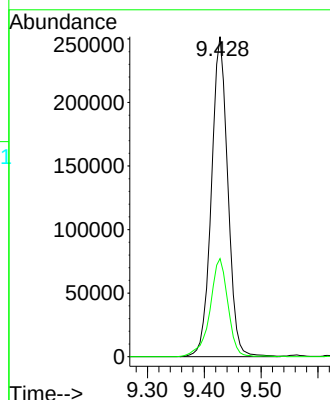
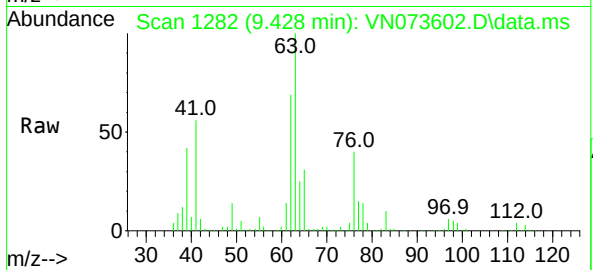
65 30.6 24.2 36.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2022

Supervised By :Mahesh Dadoda 07/28/2022



#40

Dibromomethane

Concen: 107.026 ug/l

RT: 9.516 min Scan# 1297

Delta R.T. 0.000 min

Lab File: VN073602.D

Acq: 27 Jul 2022 12:43

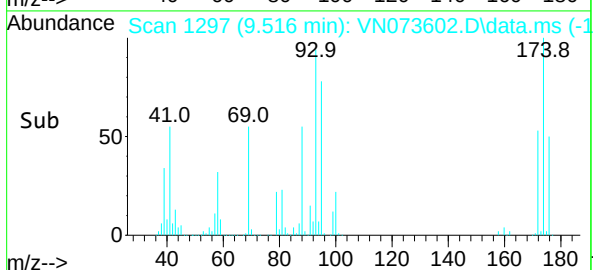
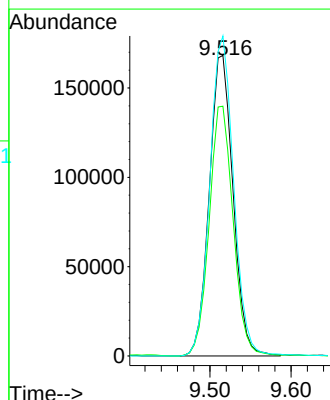
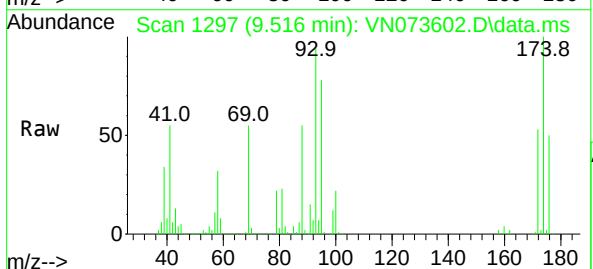
Tgt Ion: 93 Resp: 343137

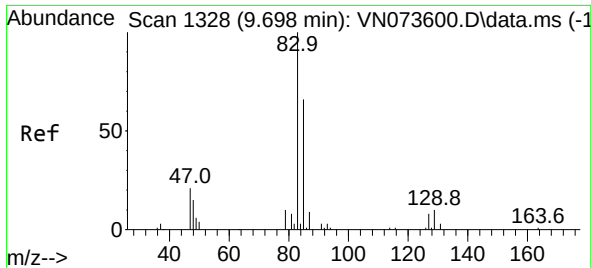
Ion Ratio Lower Upper

93 100

95 83.7 0.0 168.8

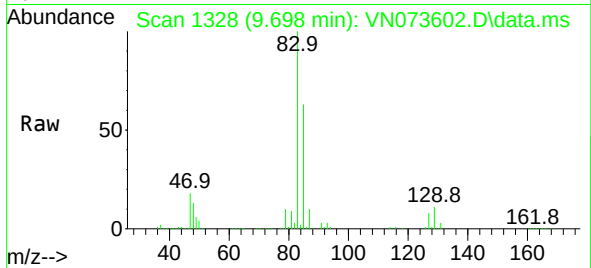
174 106.4 0.0 173.6





#41
Bromodichloromethane
Concen: 104.663 ug/l
RT: 9.698 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN073602.D
Acq: 27 Jul 2022 12:43

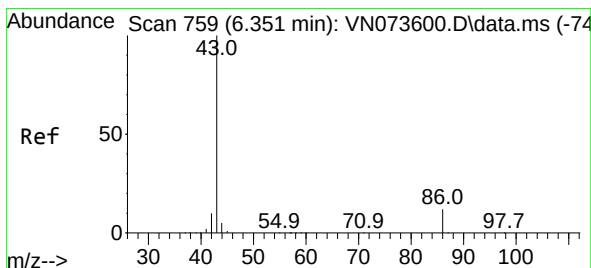
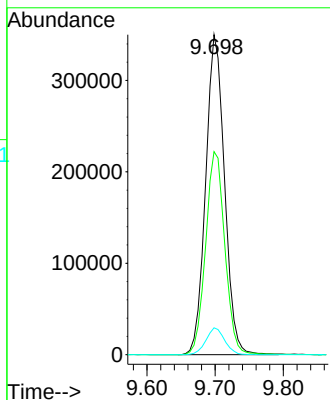
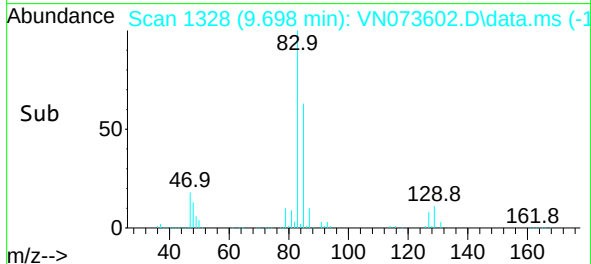
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



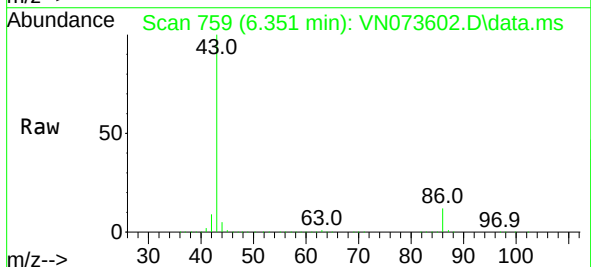
Tgt Ion: 83 Resp: 674940
Ion Ratio Lower Upper
83 100
85 63.5 54.1 81.1
127 8.4 7.6 11.4

Manual Integrations
APPROVED

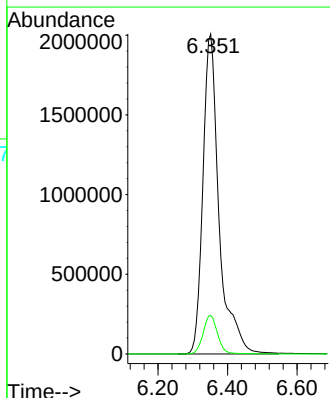
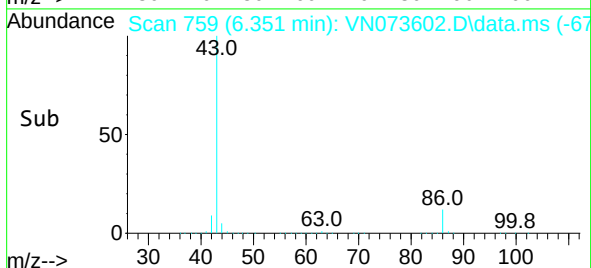
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022

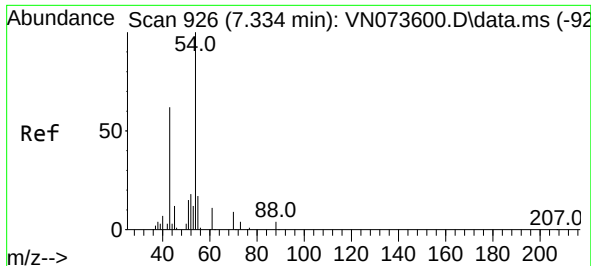


#42
Vinyl Acetate
Concen: 478.911 ug/l
RT: 6.351 min Scan# 759
Delta R.T. 0.000 min
Lab File: VN073602.D
Acq: 27 Jul 2022 12:43



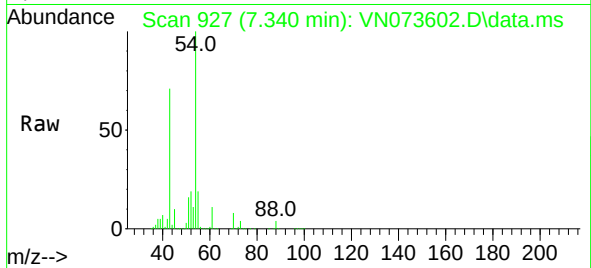
Tgt Ion: 43 Resp: 6463619
Ion Ratio Lower Upper
43 100
86 10.8 7.5 11.3





#43
Ethyl Acetate
Concen: 101.889 ug/l
RT: 7.340 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN073602.D
Acq: 27 Jul 2022 12:43

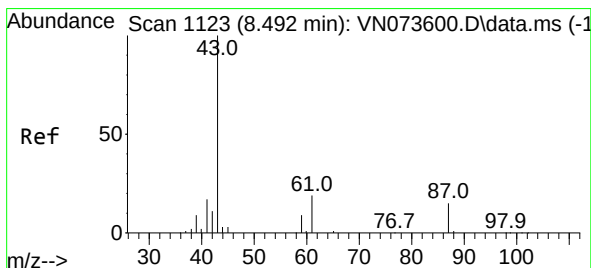
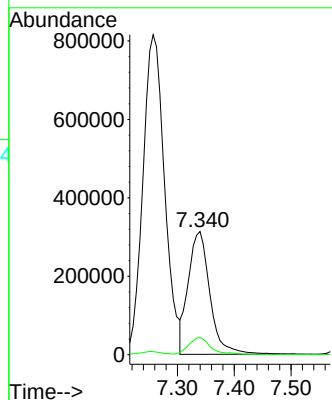
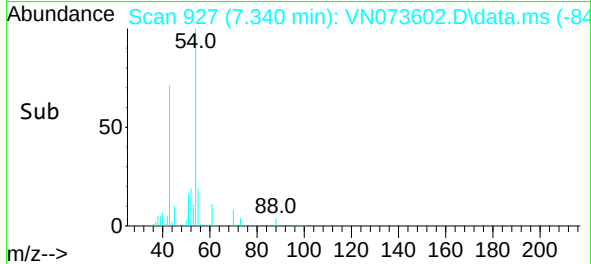
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 43 Resp: 827049
Ion Ratio Lower Upper
43 100
45 14.6 10.6 16.0

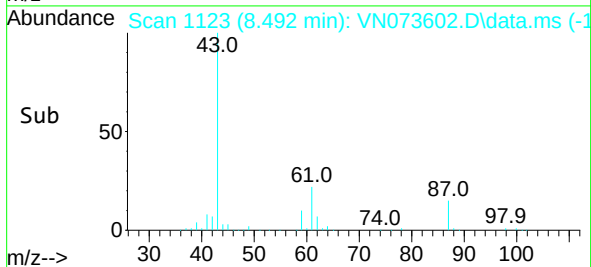
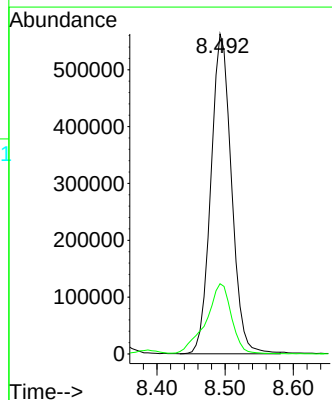
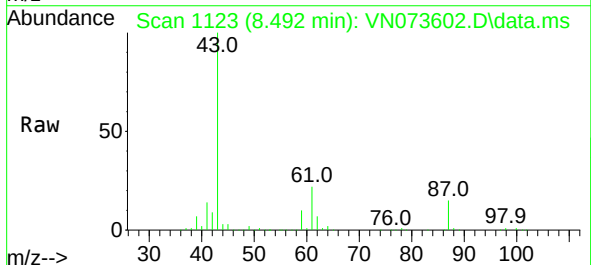
Manual Integrations
APPROVED

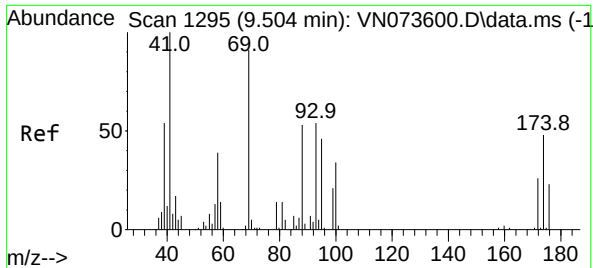
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022



#44
Isopropyl Acetate
Concen: 93.389 ug/l
RT: 8.492 min Scan# 1123
Delta R.T. 0.000 min
Lab File: VN073602.D
Acq: 27 Jul 2022 12:43

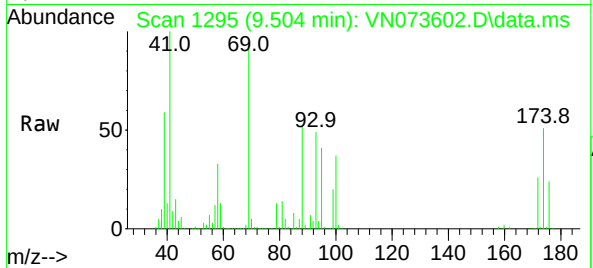
Tgt Ion: 43 Resp: 1183268
Ion Ratio Lower Upper
43 100
61 27.5 20.1 30.1





#45
1,4-Dioxane
Concen: 2373.034 ug/l
RT: 9.504 min Scan# 1295
Delta R.T. 0.000 min
Lab File: VN073602.D
Acq: 27 Jul 2022 12:43

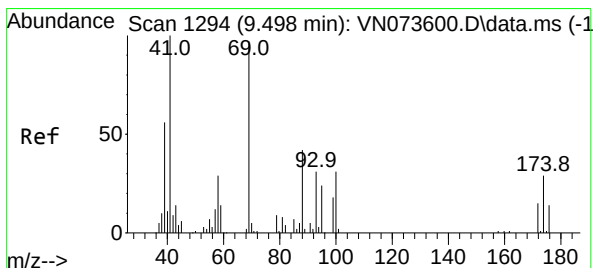
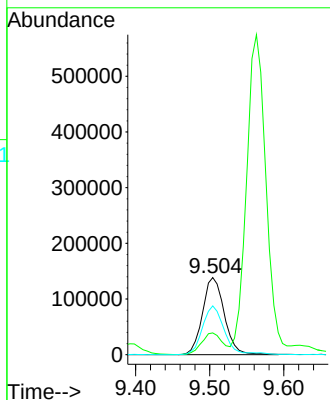
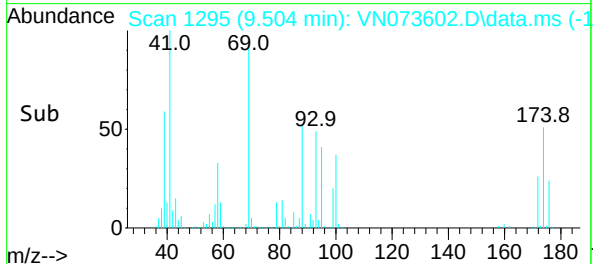
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



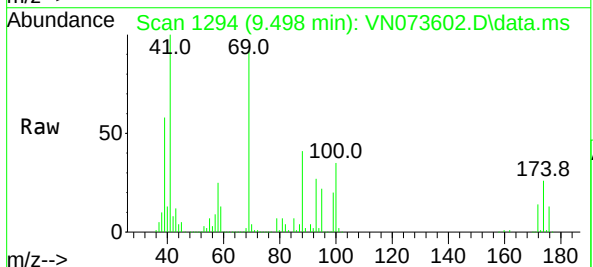
Tgt Ion: 88 Resp: 282884
Ion Ratio Lower Upper
88 100
43 27.5 25.0 37.6
58 61.1 49.4 74.2

Manual Integrations
APPROVED

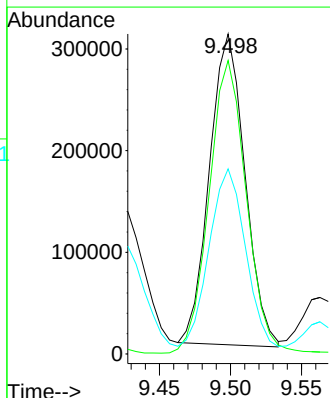
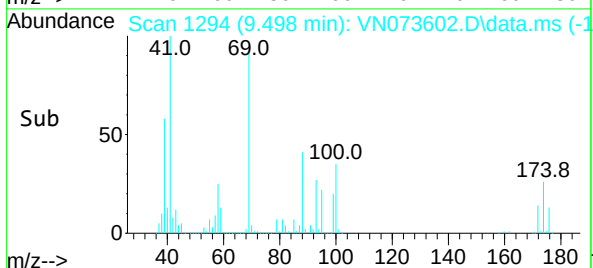
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022

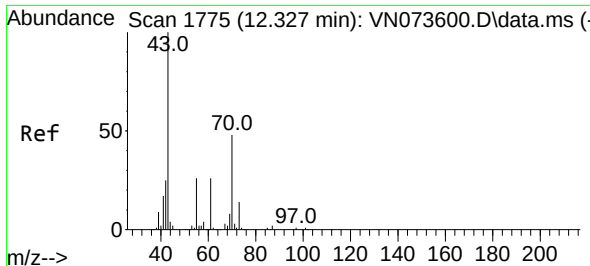


#46
Methyl methacrylate
Concen: 92.324 ug/l
RT: 9.498 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VN073602.D
Acq: 27 Jul 2022 12:43



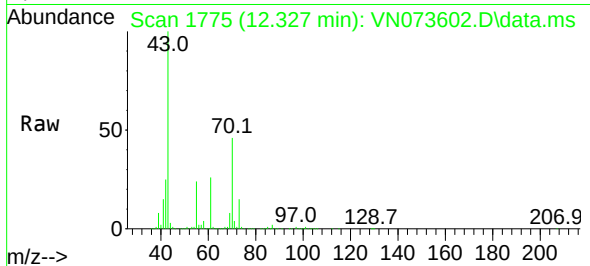
Tgt Ion: 41 Resp: 531117
Ion Ratio Lower Upper
41 100
69 93.5 44.4 133.2
39 57.6 39.9 119.6





#47
n-amy1 Acetate
Concen: 99.984 ug/l
RT: 12.327 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN073602.D
Acq: 27 Jul 2022 12:43

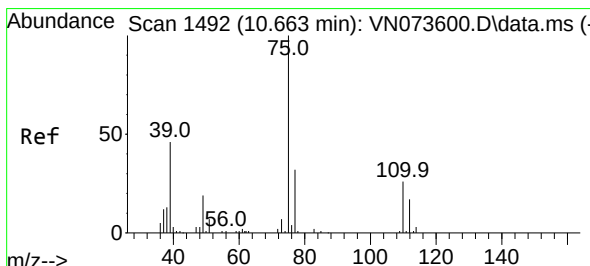
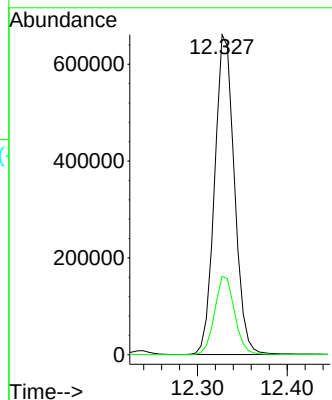
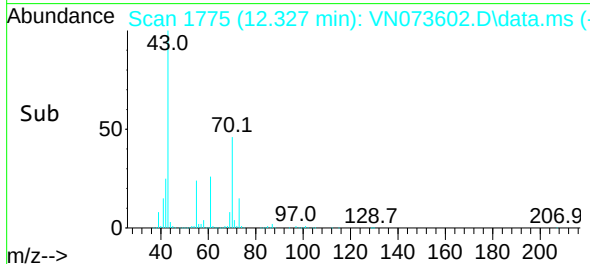
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



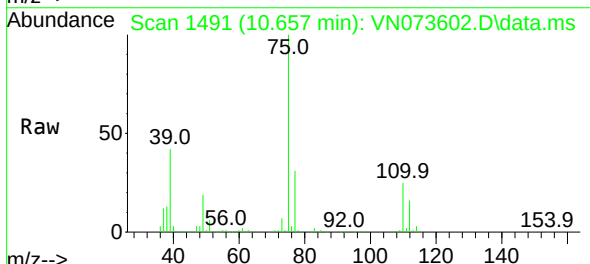
Tgt Ion: 43 Resp: 1011948
Ion Ratio Lower Upper
43 100
55 24.9 19.0 28.6

Manual Integrations
APPROVED

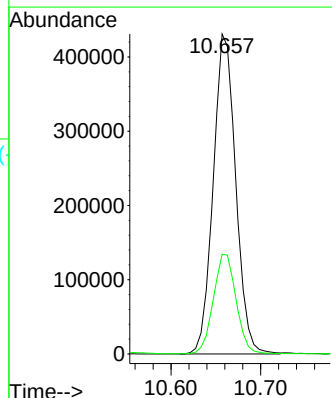
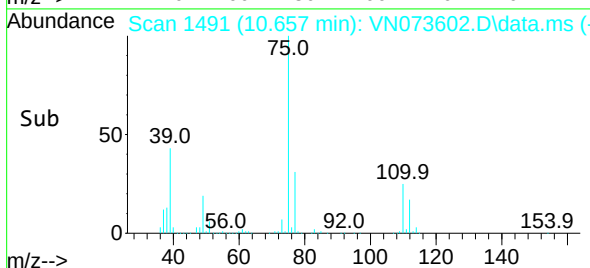
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022

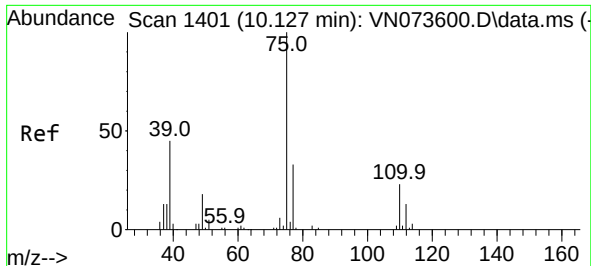


#48
t-1,3-Dichloropropene
Concen: 123.556 ug/l
RT: 10.657 min Scan# 1491
Delta R.T. -0.006 min
Lab File: VN073602.D
Acq: 27 Jul 2022 12:43



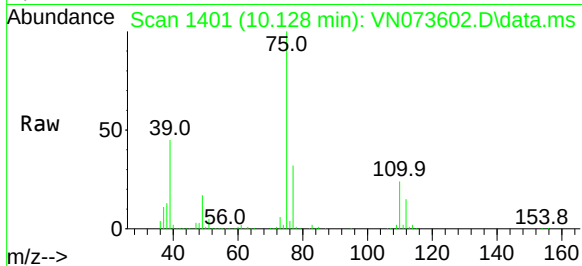
Tgt Ion: 75 Resp: 750378
Ion Ratio Lower Upper
75 100
77 31.1 25.3 37.9





#49
 cis-1,3-Dichloropropene
 Concen: 122.807 ug/l
 RT: 10.128 min Scan# 1401
 Delta R.T. 0.000 min
 Lab File: VN073602.D
 Acq: 27 Jul 2022 12:43

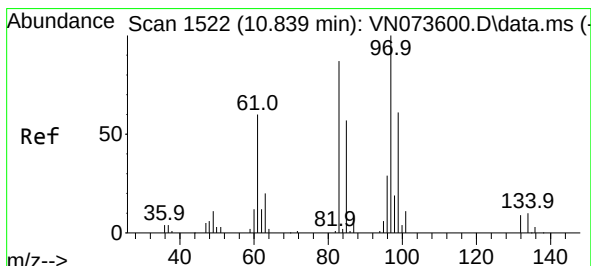
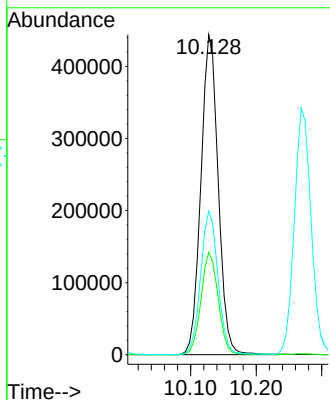
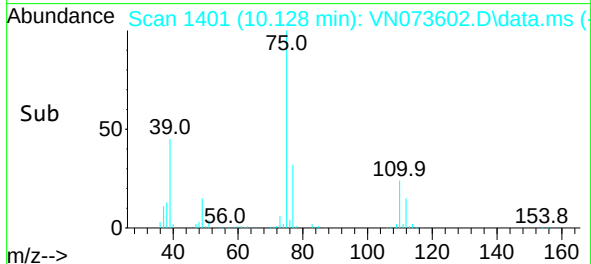
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100



Tgt Ion: 75 Resp: 81617
 Ion Ratio Lower Upper
 75 100
 77 32.0 25.3 37.9
 39 44.8 46.2 69.4

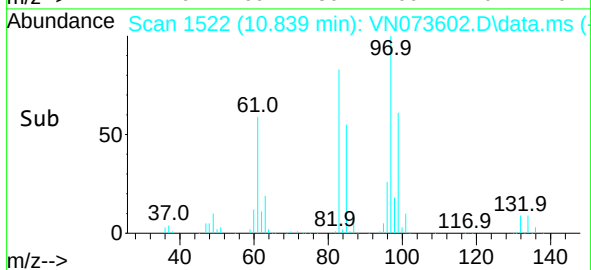
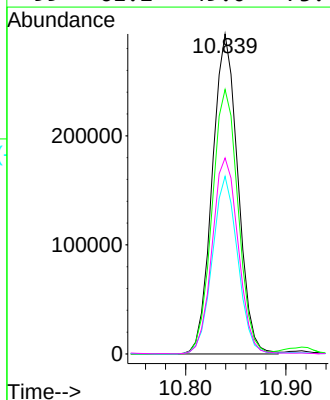
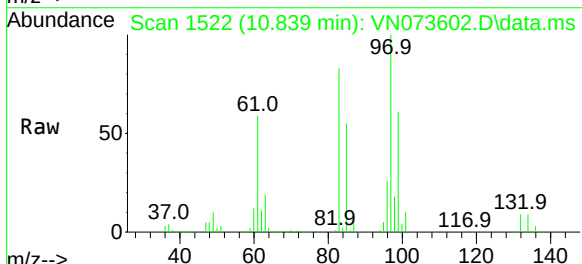
Manual Integrations
 APPROVED

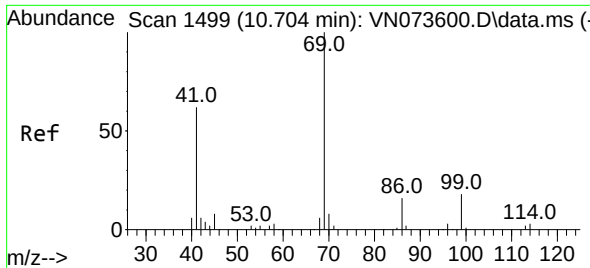
Reviewed By :John Carlone 07/28/2022
 Supervised By :Mahesh Dadoda 07/28/2022



#50
 1,1,2-Trichloroethane
 Concen: 111.782 ug/l
 RT: 10.839 min Scan# 1522
 Delta R.T. 0.000 min
 Lab File: VN073602.D
 Acq: 27 Jul 2022 12:43

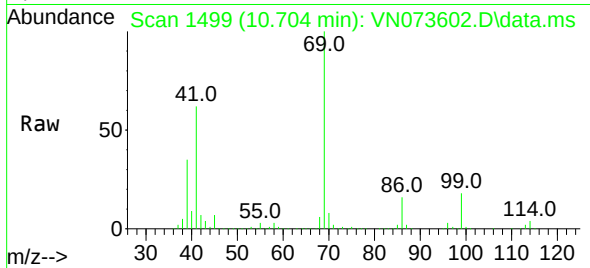
Tgt Ion: 97 Resp: 520128
 Ion Ratio Lower Upper
 97 100
 83 82.6 67.2 100.8
 85 55.5 43.0 64.4
 99 61.2 49.0 73.4





#51
Ethyl methacrylate
Concen: 109.597 ug/l
RT: 10.704 min Scan# 1499
Delta R.T. 0.000 min
Lab File: VN073602.D
Acq: 27 Jul 2022 12:43

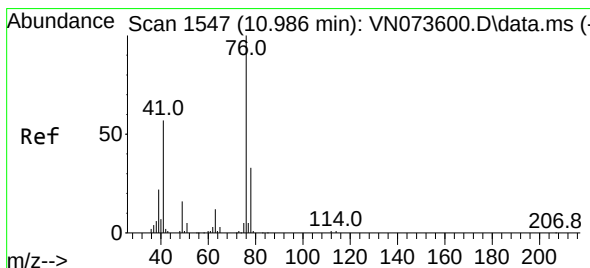
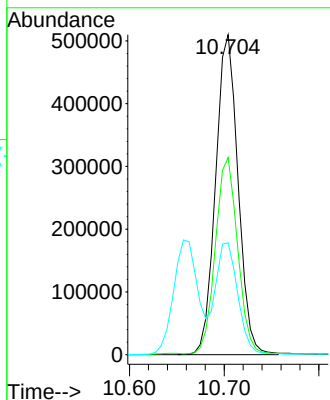
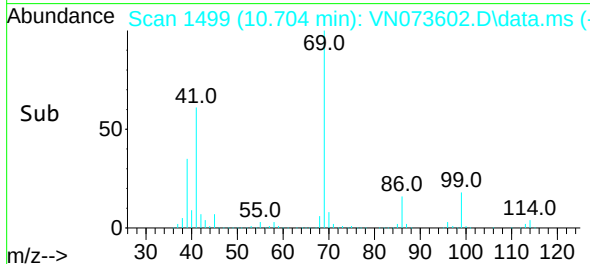
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



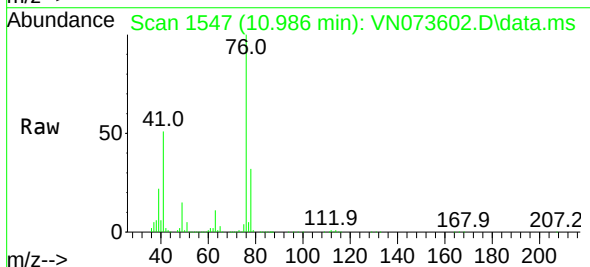
Tgt Ion: 69 Resp: 840562
Ion Ratio Lower Upper
69 100
41 61.2 33.0 98.9
39 34.6 25.4 76.4

Manual Integrations
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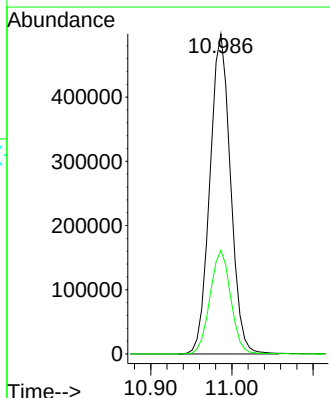
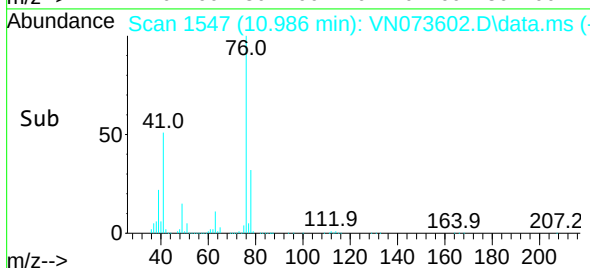
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022

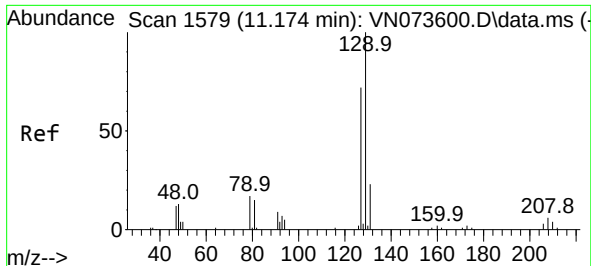


#52
1,3-Dichloropropane
Concen: 109.926 ug/l
RT: 10.986 min Scan# 1547
Delta R.T. 0.000 min
Lab File: VN073602.D
Acq: 27 Jul 2022 12:43



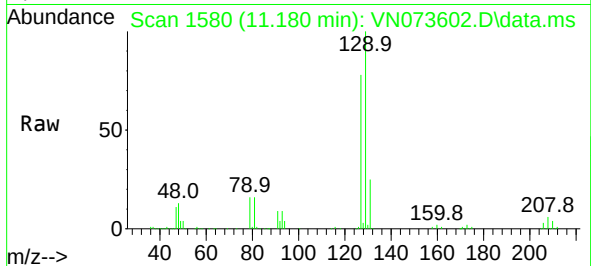
Tgt Ion: 76 Resp: 879687
Ion Ratio Lower Upper
76 100
78 32.5 0.0 65.4





#53
Dibromochloromethane
Concen: 114.990 ug/l
RT: 11.180 min Scan# 1579
Delta R.T. 0.006 min
Lab File: VN073602.D
Acq: 27 Jul 2022 12:43

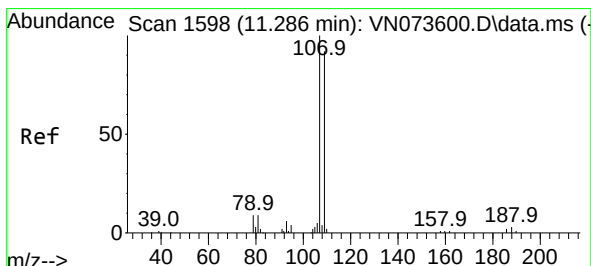
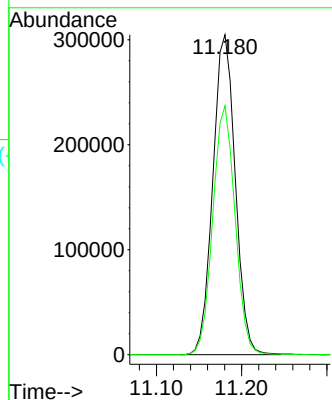
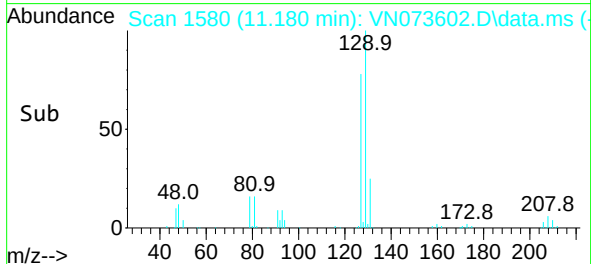
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



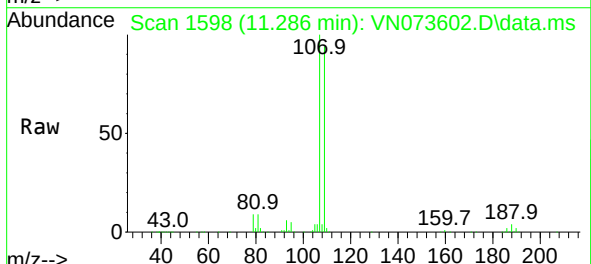
Tgt Ion:129 Resp: 557613
Ion Ratio Lower Upper
129 100
127 77.3 39.0 117.0

Manual Integrations
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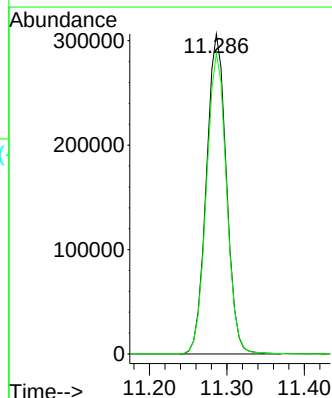
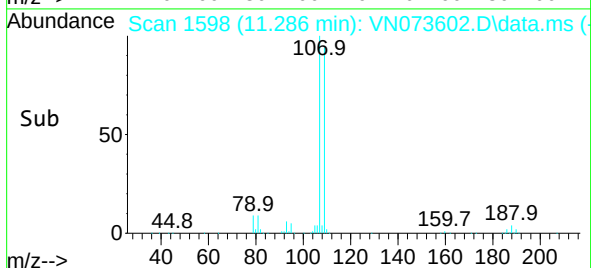
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022

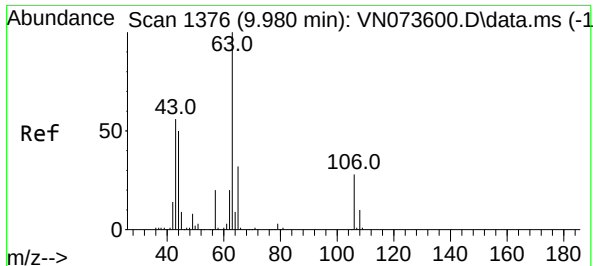


#54
1,2-Dibromoethane
Concen: 112.942 ug/l
RT: 11.286 min Scan# 1598
Delta R.T. 0.000 min
Lab File: VN073602.D
Acq: 27 Jul 2022 12:43



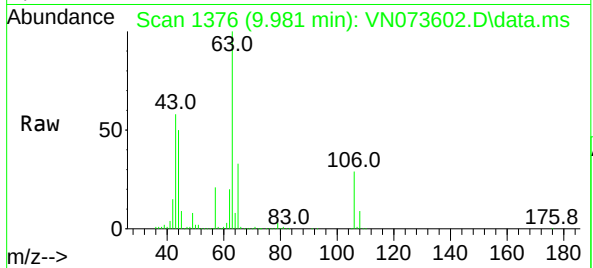
Tgt Ion:107 Resp: 549613
Ion Ratio Lower Upper
107 100
109 94.7 72.8 109.2





#55
2-Chloroethyl vinyl ether
Concen: 583.658 ug/l
RT: 9.981 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VN073602.D
Acq: 27 Jul 2022 12:43

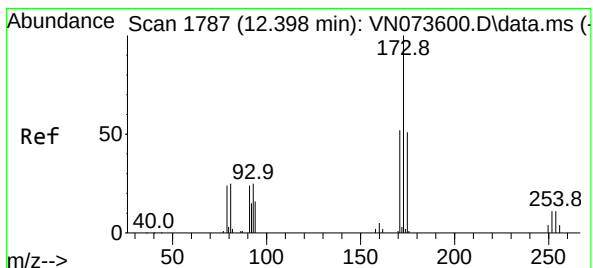
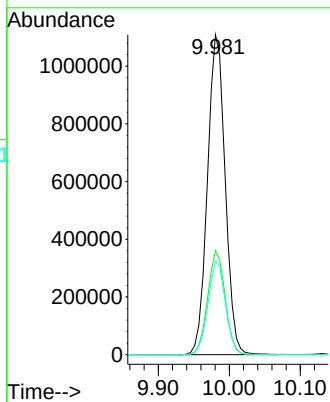
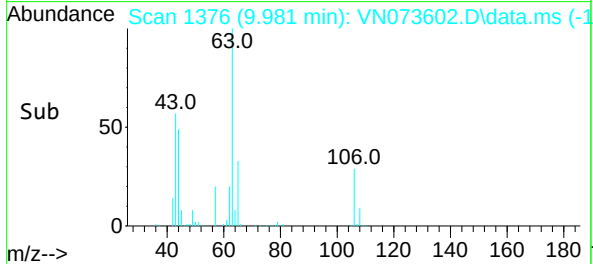
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 63 Resp: 1924076
Ion Ratio Lower Upper
63 100
65 32.1 25.4 38.0
106 29.0 23.2 34.8

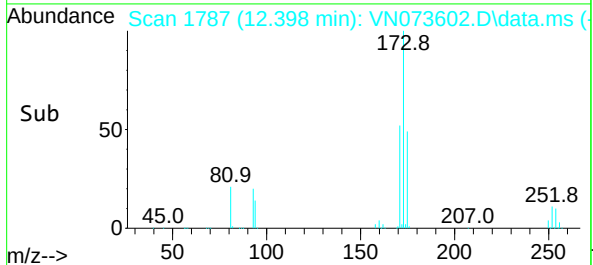
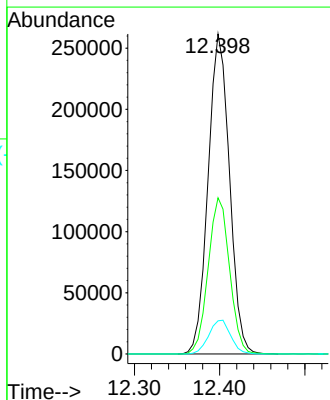
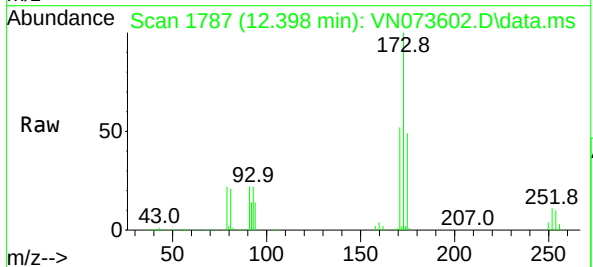
Manual Integrations
APPROVED

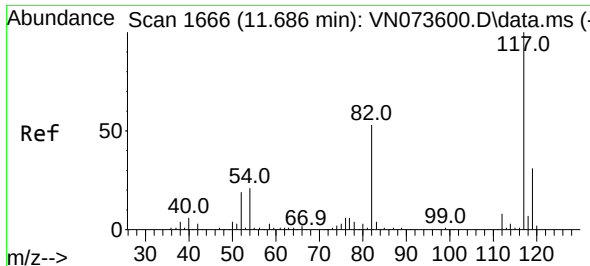
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022



#56
Bromoform
Concen: 127.709 ug/l
RT: 12.398 min Scan# 1787
Delta R.T. 0.000 min
Lab File: VN073602.D
Acq: 27 Jul 2022 12:43

Tgt Ion:173 Resp: 456055
Ion Ratio Lower Upper
173 100
175 48.8 38.6 58.0
254 10.8 0.0 0.0#





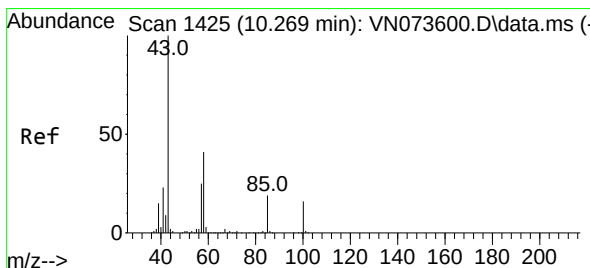
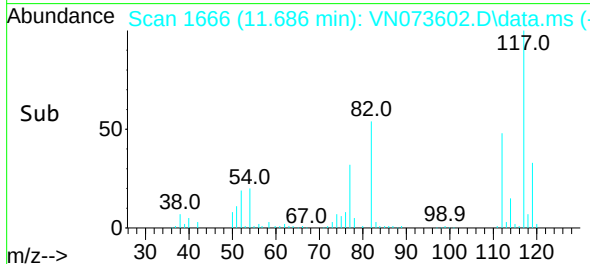
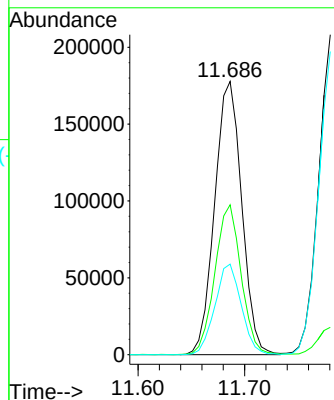
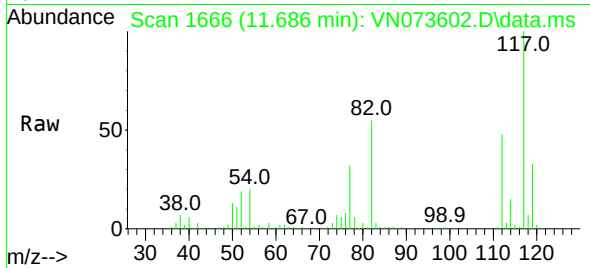
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN073602.D
Acq: 27 Jul 2022 12:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion: 117 Resp: 313708
Ion Ratio Lower Upper
117 100
82 53.1 43.6 65.4
119 32.2 25.8 38.6

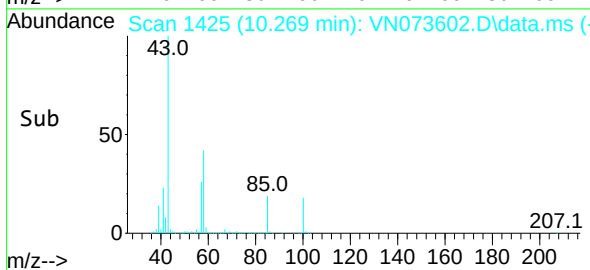
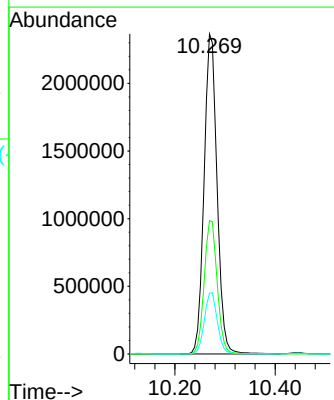
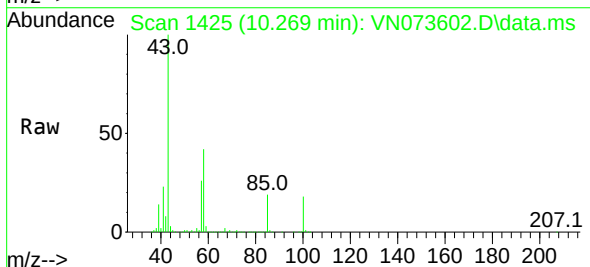
Manual Integrations
APPROVED

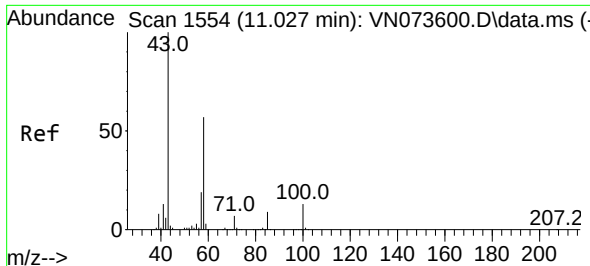
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022



#58
4-Methyl-2-Pentanone
Concen: 476.197 ug/l
RT: 10.269 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VN073602.D
Acq: 27 Jul 2022 12:43

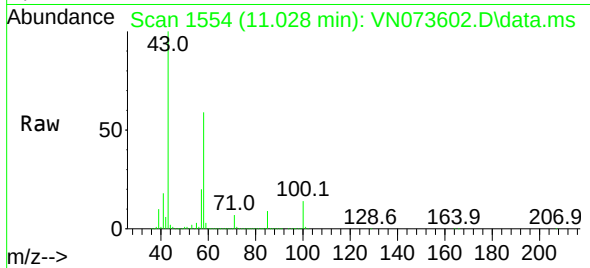
Tgt Ion: 43 Resp: 4254552
Ion Ratio Lower Upper
43 100
58 42.0 30.0 45.0
85 19.2 15.0 22.6





#59
2-Hexanone
Concen: 482.098 ug/l
RT: 11.028 min Scan# 1554
Delta R.T. 0.000 min
Lab File: VN073602.D
Acq: 27 Jul 2022 12:43

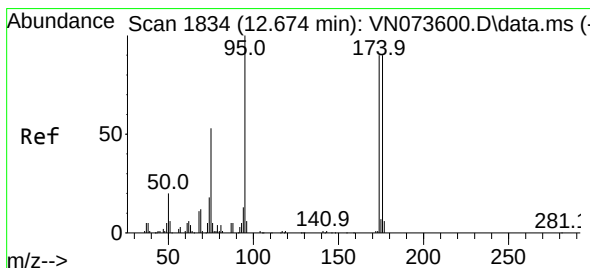
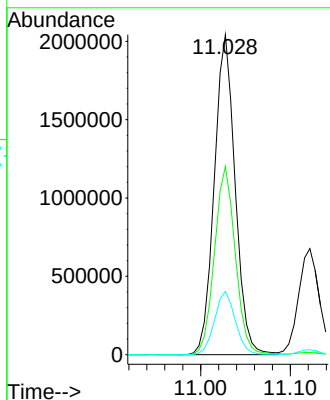
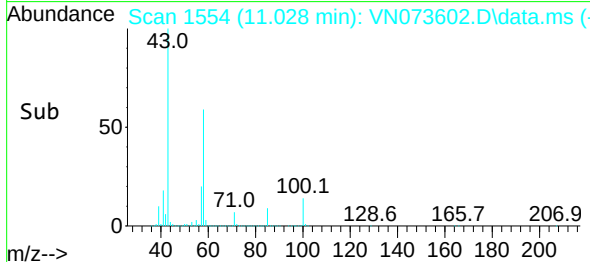
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion: 43 Resp: 3293329
Ion Ratio Lower Upper
43 100
58 58.8 42.2 63.2
57 19.8 15.0 22.4

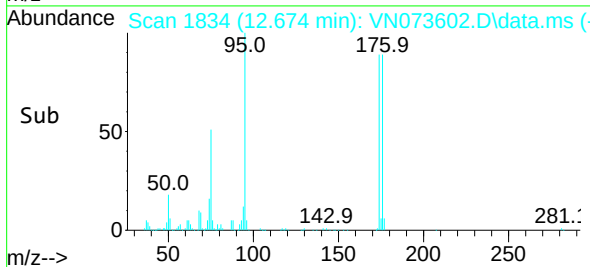
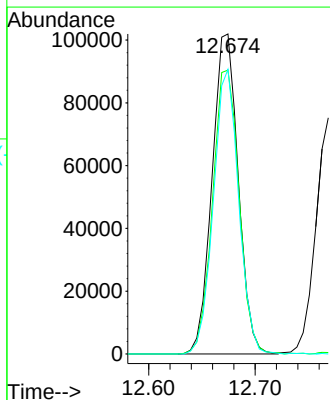
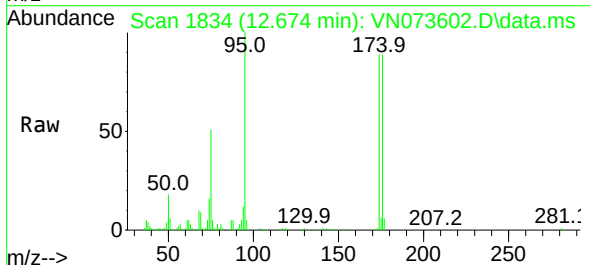
Manual Integrations
APPROVED

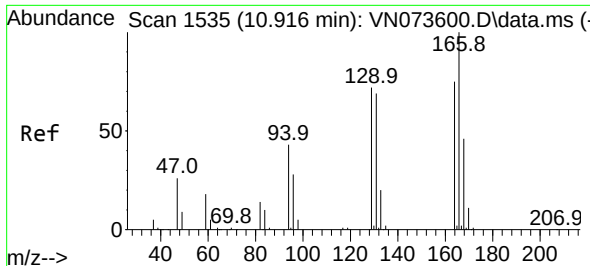
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022



#60
4-Bromofluorobenzene
Concen: 29.287 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN073602.D
Acq: 27 Jul 2022 12:43

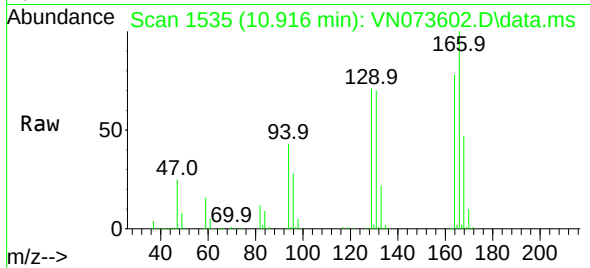
Tgt Ion: 95 Resp: 173856
Ion Ratio Lower Upper
95 100
174 89.8 62.9 94.3
176 85.6 61.0 91.4





#61
Tetrachloroethene
Concen: 117.187 ug/l
RT: 10.916 min Scan# 1535
Delta R.T. 0.000 min
Lab File: VN073602.D
Acq: 27 Jul 2022 12:43

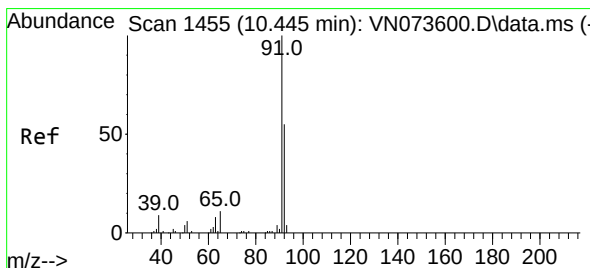
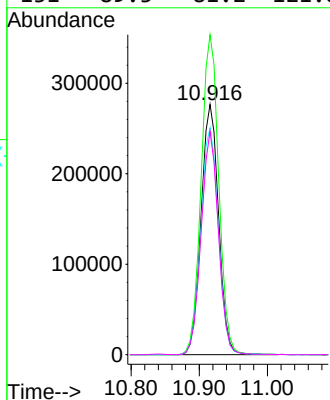
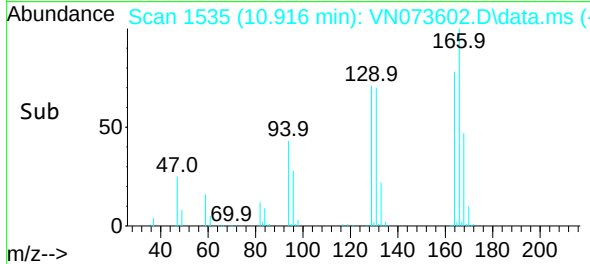
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion:164 Resp: 494634
Ion Ratio Lower Upper
164 100
166 127.9 105.8 158.8
129 90.7 82.5 123.7
131 89.3 81.2 121.8

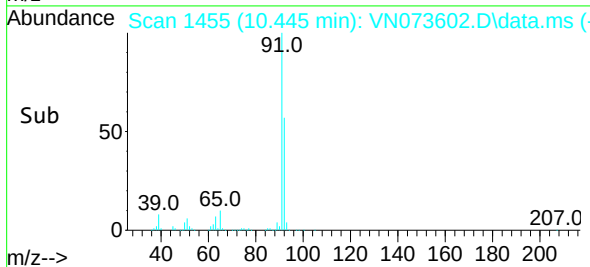
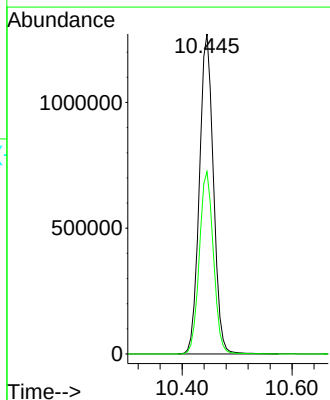
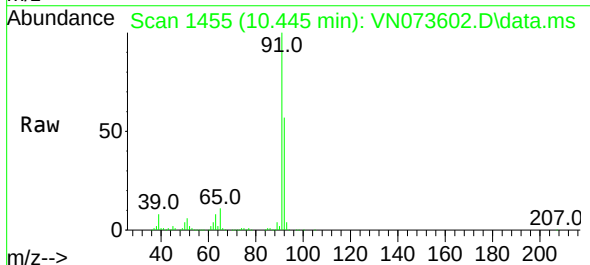
Manual Integrations
APPROVED

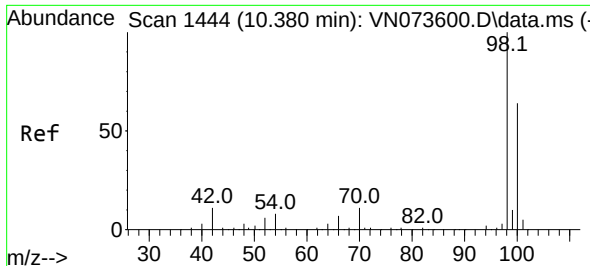
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022



#62
Toluene
Concen: 107.181 ug/l
RT: 10.445 min Scan# 1455
Delta R.T. 0.000 min
Lab File: VN073602.D
Acq: 27 Jul 2022 12:43

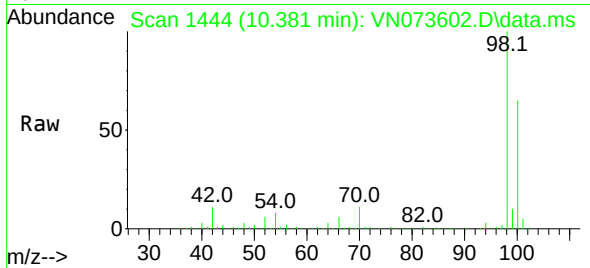
Tgt Ion: 91 Resp: 2254675
Ion Ratio Lower Upper
91 100
92 57.1 44.6 67.0





#63
Toluene-d8
Concen: 29.912 ug/l
RT: 10.381 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN073602.D
Acq: 27 Jul 2022 12:43

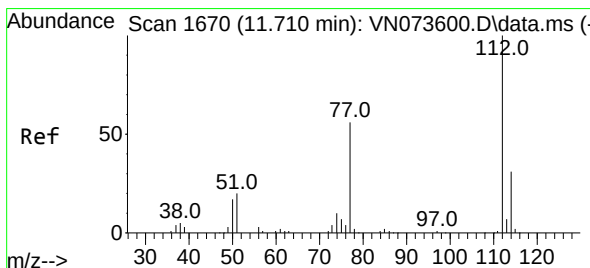
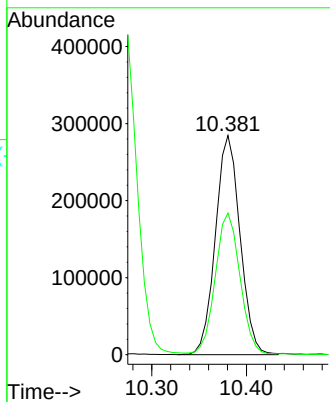
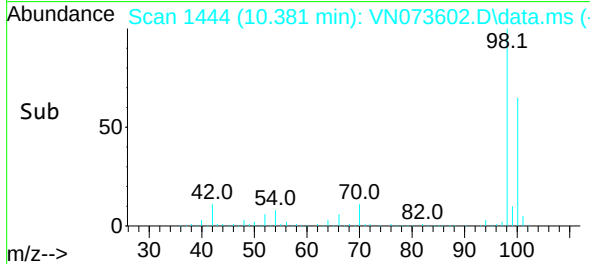
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



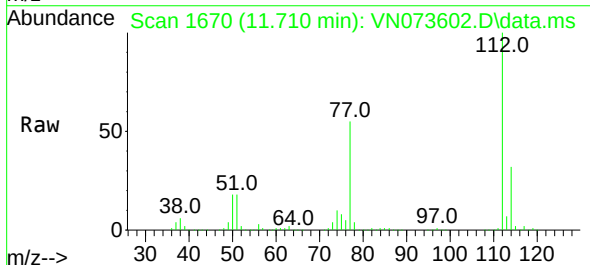
Tgt Ion: 98 Resp: 514709
Ion Ratio Lower Upper
98 100
100 65.5 50.6 76.0

Manual Integrations
APPROVED

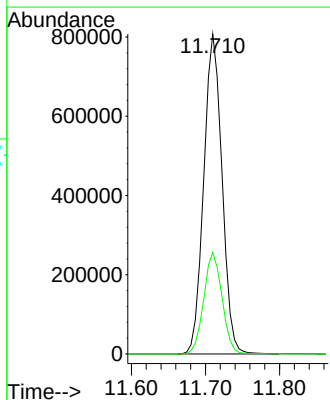
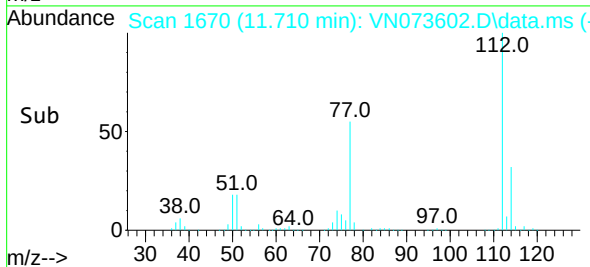
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022

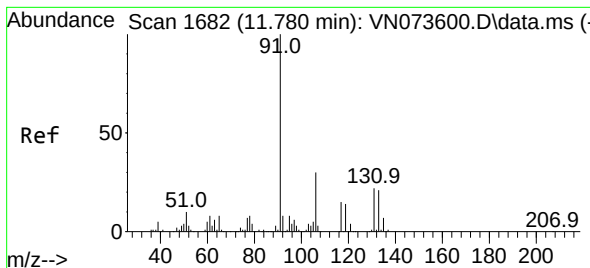


#64
Chlorobenzene
Concen: 109.900 ug/l
RT: 11.710 min Scan# 1670
Delta R.T. 0.000 min
Lab File: VN073602.D
Acq: 27 Jul 2022 12:43



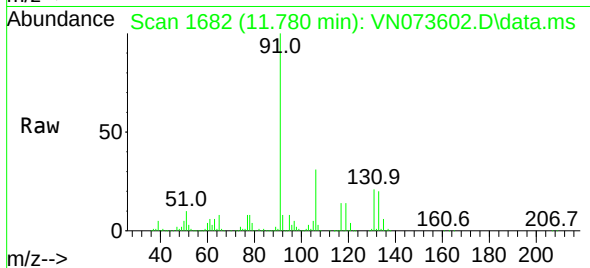
Tgt Ion:112 Resp: 1383650
Ion Ratio Lower Upper
112 100
114 31.7 25.8 38.6





#65
1,1,1,2-Tetrachloroethane
Concen: 109.289 ug/l
RT: 11.780 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VN073602.D
Acq: 27 Jul 2022 12:43

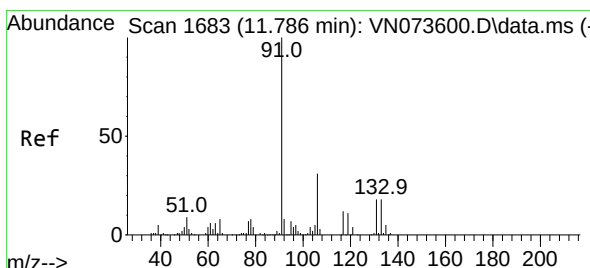
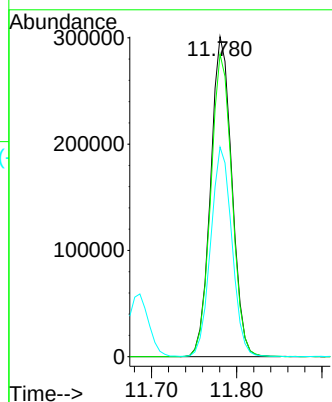
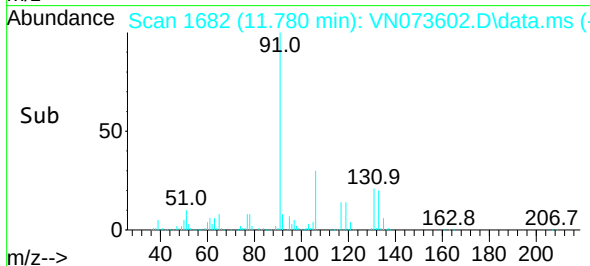
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion:131 Resp: 521100
Ion Ratio Lower Upper
131 100
133 94.5 0.0 191.2
119 65.4 0.0 128.8

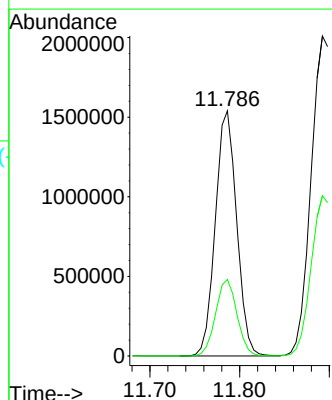
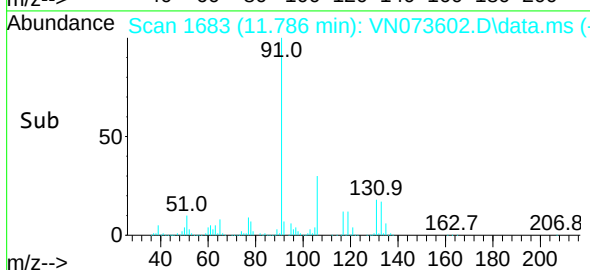
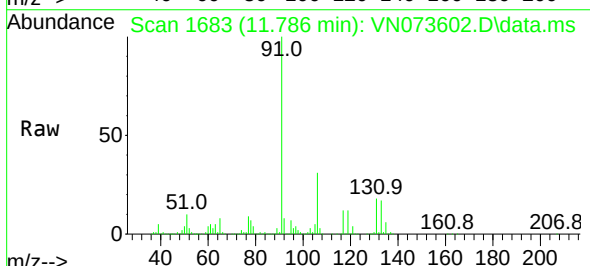
Manual Integrations
APPROVED

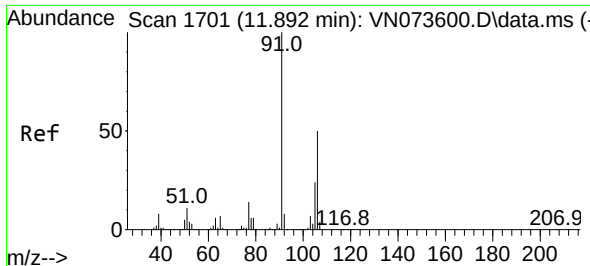
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022



#66
Ethyl Benzene
Concen: 110.483 ug/l
RT: 11.786 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VN073602.D
Acq: 27 Jul 2022 12:43

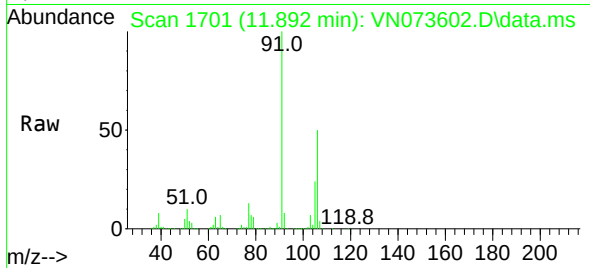
Tgt Ion: 91 Resp: 2542382
Ion Ratio Lower Upper
91 100
106 31.2 24.0 36.0





#67
m/p-Xylenes
Concen: 225.625 ug/l
RT: 11.892 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN073602.D
Acq: 27 Jul 2022 12:43

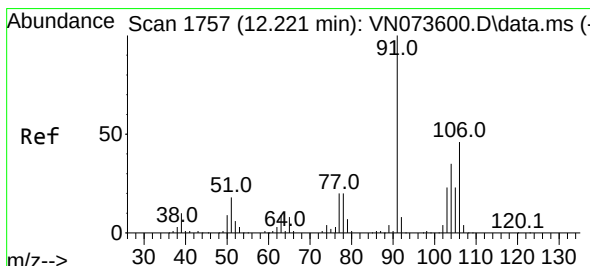
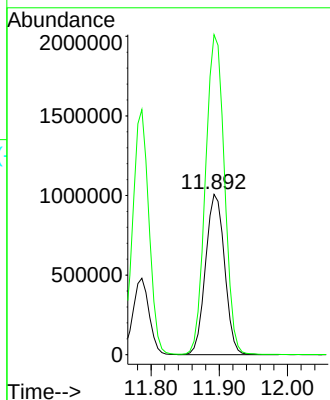
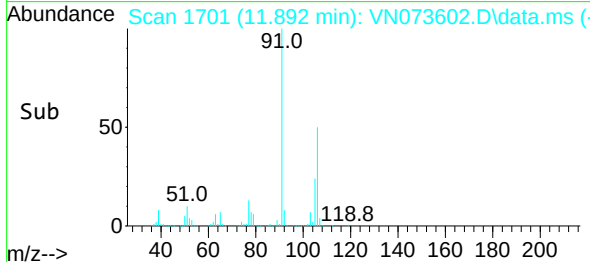
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



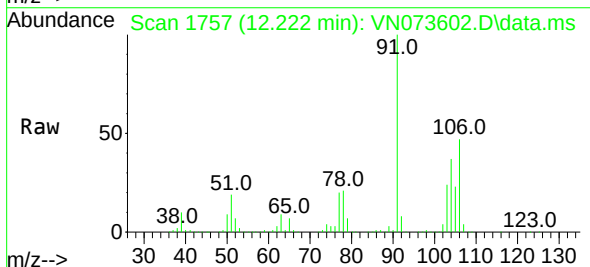
Tgt Ion:106 Resp: 1955362
Ion Ratio Lower Upper
106 100
91 198.8 162.9 244.3

Manual Integrations
APPROVED

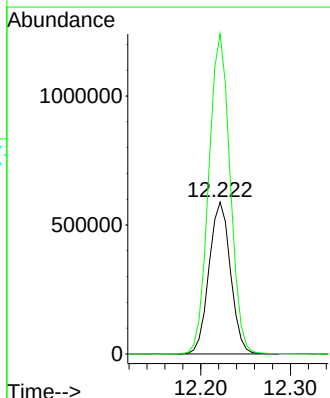
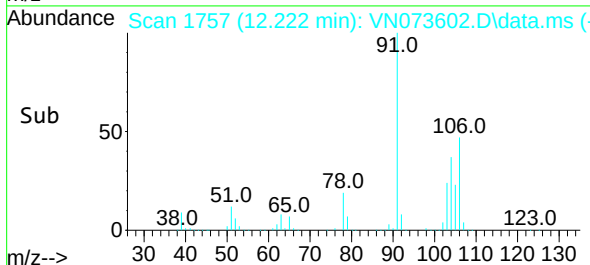
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022

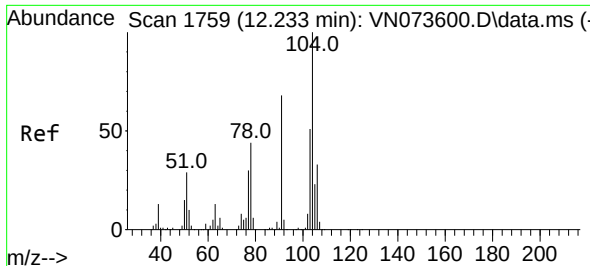


#68
o-Xylene
Concen: 112.661 ug/l
RT: 12.222 min Scan# 1757
Delta R.T. 0.000 min
Lab File: VN073602.D
Acq: 27 Jul 2022 12:43



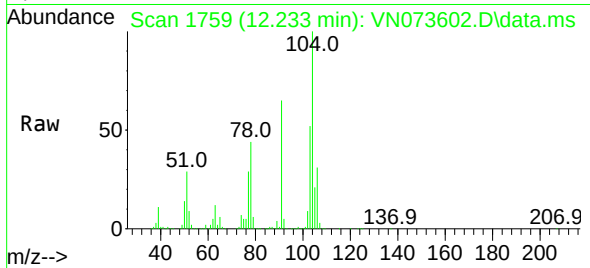
Tgt Ion:106 Resp: 977682
Ion Ratio Lower Upper
106 100
91 210.1 107.7 323.1





#69
Styrene
Concen: 116.883 ug/l
RT: 12.233 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN073602.D
Acq: 27 Jul 2022 12:43

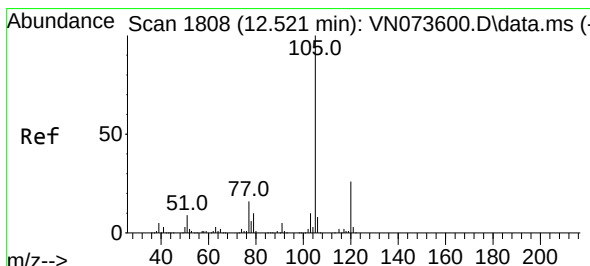
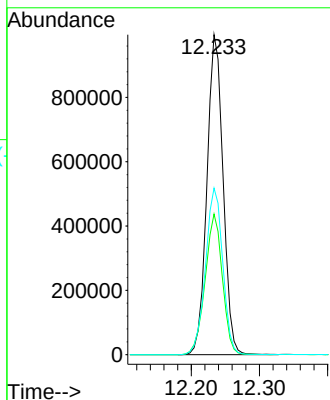
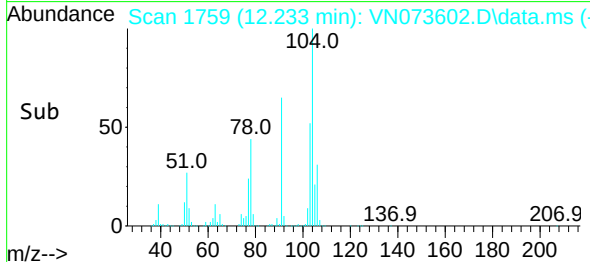
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



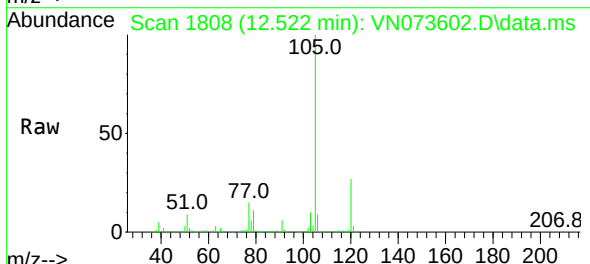
Tgt Ion:104 Resp: 1639284
Ion Ratio Lower Upper
104 100
78 47.0 40.7 61.1
103 55.7 45.8 68.8

Manual Integrations
APPROVED

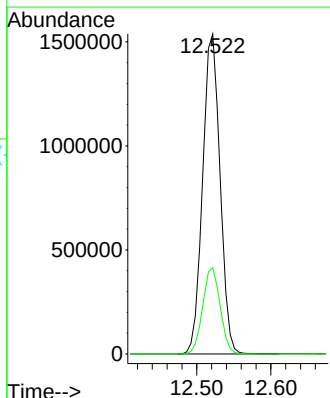
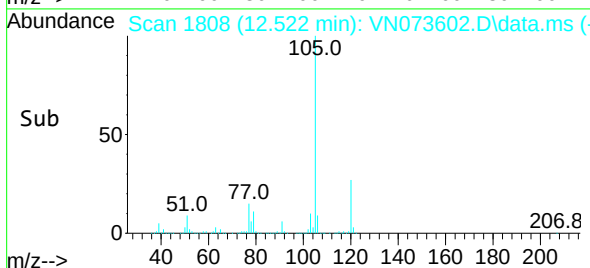
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022

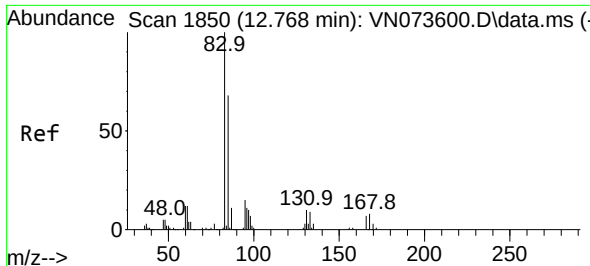


#70
Isopropylbenzene
Concen: 112.444 ug/l
RT: 12.522 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VN073602.D
Acq: 27 Jul 2022 12:43



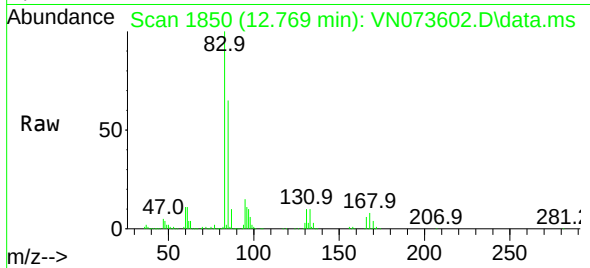
Tgt Ion:105 Resp: 2505852
Ion Ratio Lower Upper
105 100
120 27.0 18.3 34.1





#71
1,1,2,2-Tetrachloroethane
Concen: 106.511 ug/l
RT: 12.769 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VN073602.D
Acq: 27 Jul 2022 12:43

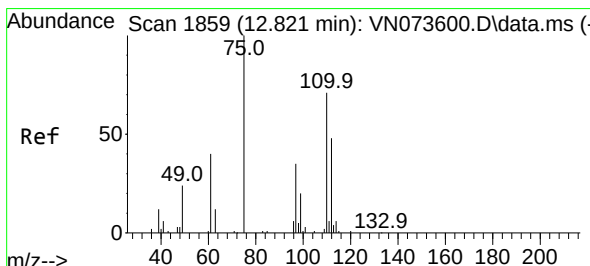
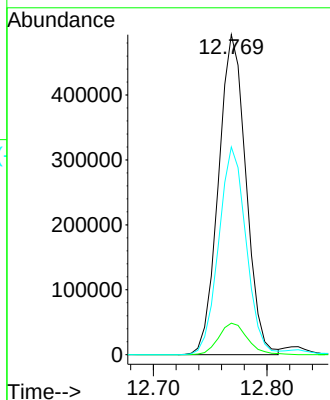
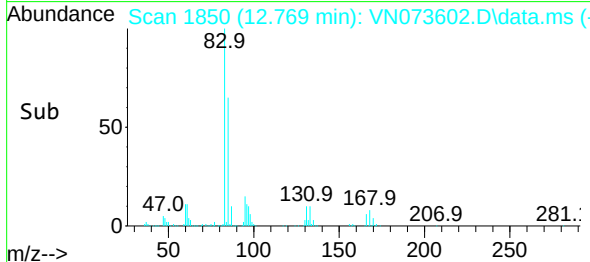
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



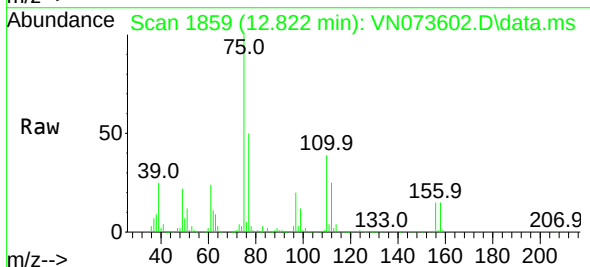
Tgt Ion: 83 Resp: 82730
Ion Ratio Lower Upper
83 100
131 10.3 5.1 15.3
85 64.7 33.1 99.2

Manual Integrations
APPROVED

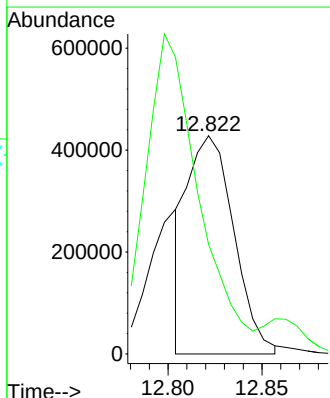
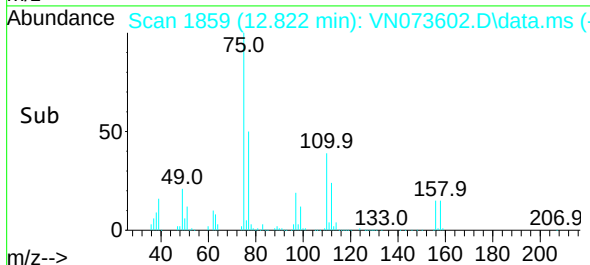
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022

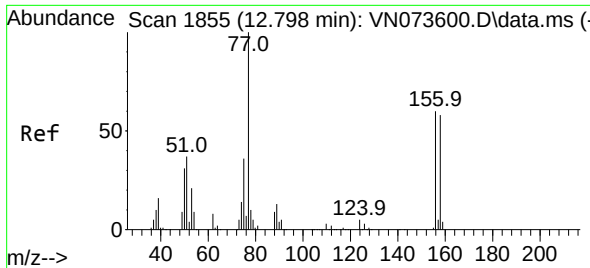


#72
1,2,3-Trichloropropane
Concen: 121.158 ug/l m
RT: 12.822 min Scan# 1859
Delta R.T. 0.000 min
Lab File: VN073602.D
Acq: 27 Jul 2022 12:43



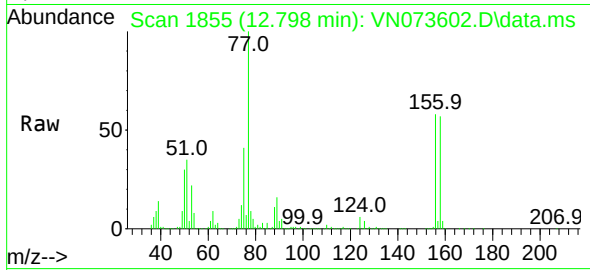
Tgt Ion: 75 Resp: 738479
Ion Ratio Lower Upper
75 100
77 168.9 0.0 378.0





#73
Bromobenzene
Concen: 118.466 ug/l
RT: 12.798 min Scan# 1855
Delta R.T. 0.000 min
Lab File: VN073602.D
Acq: 27 Jul 2022 12:43

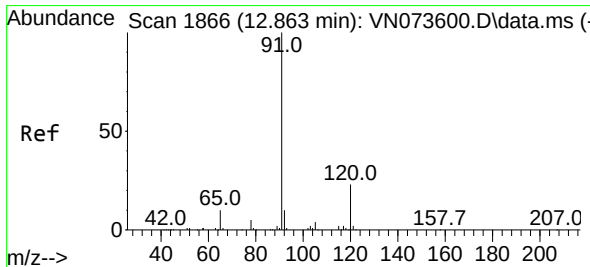
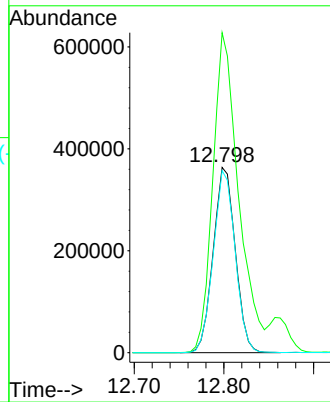
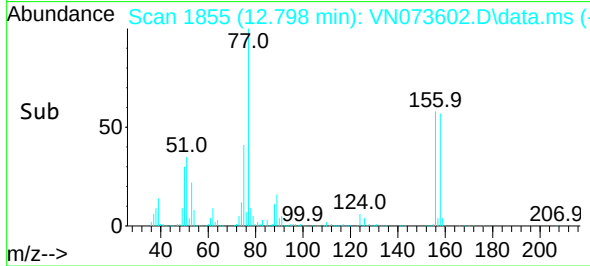
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion:156 Resp: 622162
Ion Ratio Lower Upper
156 100
77 200.5 0.0 416.0
158 97.5 0.0 195.4

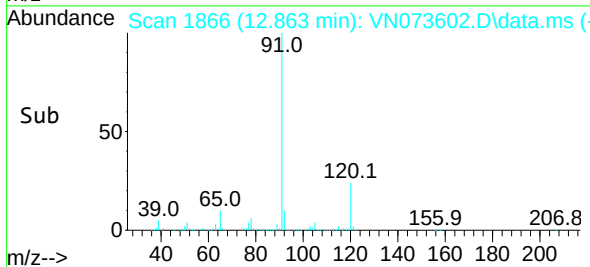
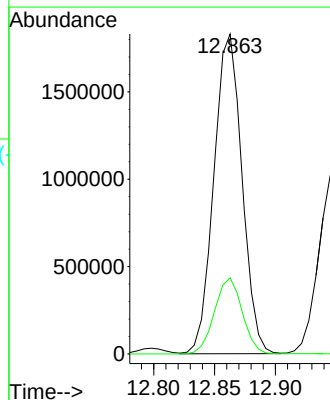
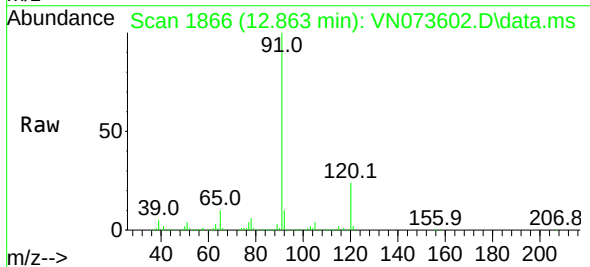
Manual Integrations
APPROVED

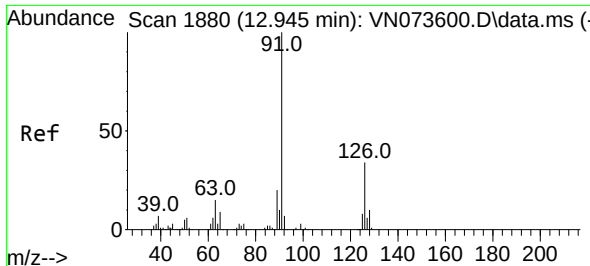
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022



#74
n-propylbenzene
Concen: 115.329 ug/l
RT: 12.863 min Scan# 1866
Delta R.T. 0.000 min
Lab File: VN073602.D
Acq: 27 Jul 2022 12:43

Tgt Ion: 91 Resp: 2938703
Ion Ratio Lower Upper
91 100
120 23.5 0.0 45.0





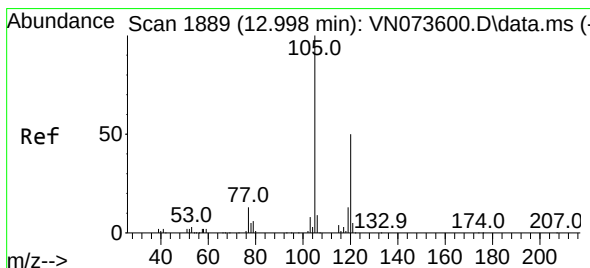
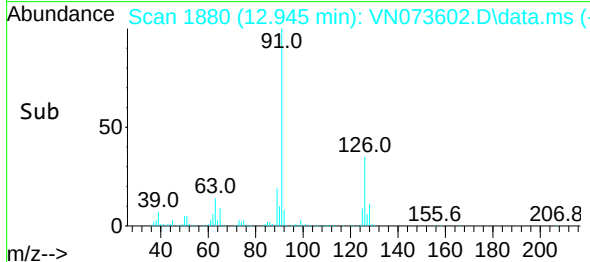
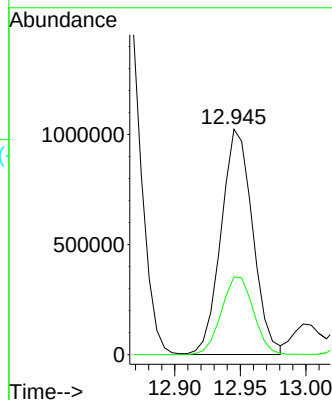
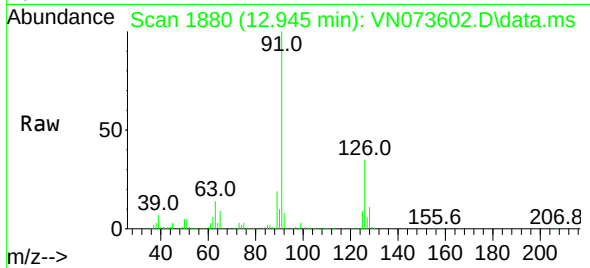
#75
2-Chlorotoluene
Concen: 108.600 ug/l
RT: 12.945 min Scan# 1880
Delta R.T. 0.000 min
Lab File: VN073602.D
Acq: 27 Jul 2022 12:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 91 Resp: 1716834
Ion Ratio Lower Upper
91 100
126 35.1 0.0 69.8

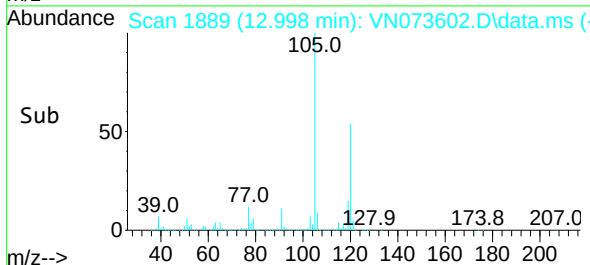
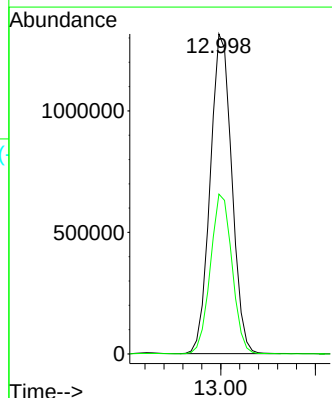
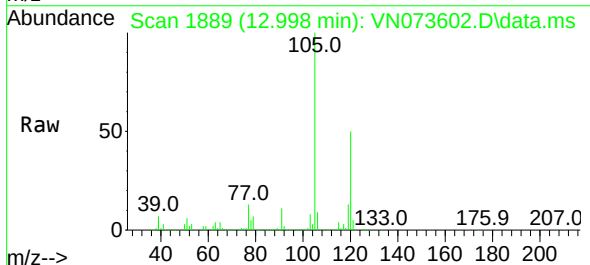
Manual Integrations
APPROVED

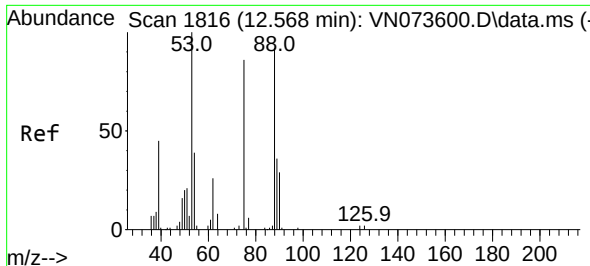
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022



#76
1,3,5-Trimethylbenzene
Concen: 111.681 ug/l
RT: 12.998 min Scan# 1889
Delta R.T. 0.000 min
Lab File: VN073602.D
Acq: 27 Jul 2022 12:43

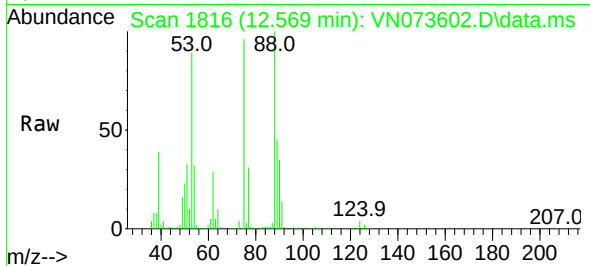
Tgt Ion:105 Resp: 2082142
Ion Ratio Lower Upper
105 100
120 50.1 0.0 93.8





#77
t-1,4-Dichloro-2-butene
Concen: 144.591 ug/l
RT: 12.569 min Scan# 1816
Delta R.T. 0.000 min
Lab File: VN073602.D
Acq: 27 Jul 2022 12:43

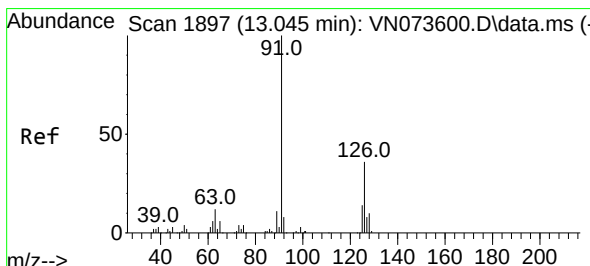
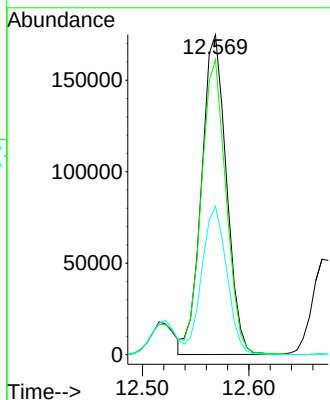
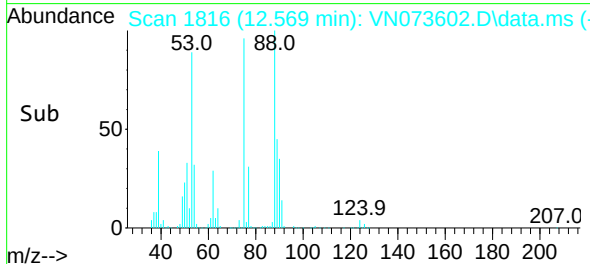
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion: 75 Resp: 28426
Ion Ratio Lower Upper
75 100
53 92.1 51.8 155.5
89 46.4 22.9 68.7

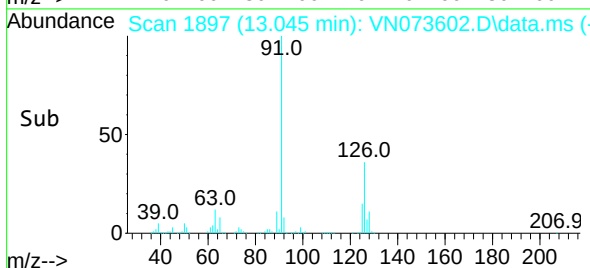
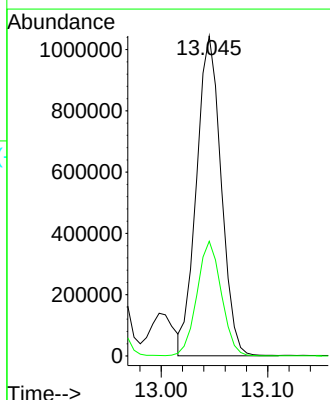
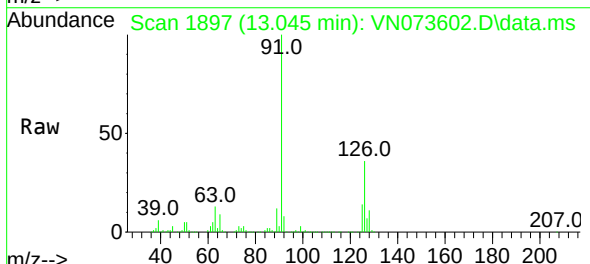
Manual Integrations
APPROVED

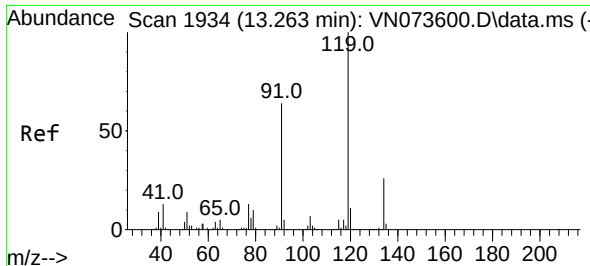
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022



#78
4-Chlorotoluene
Concen: 110.612 ug/l
RT: 13.045 min Scan# 1897
Delta R.T. 0.000 min
Lab File: VN073602.D
Acq: 27 Jul 2022 12:43

Tgt Ion: 91 Resp: 1679292
Ion Ratio Lower Upper
91 100
126 35.5 0.0 70.6





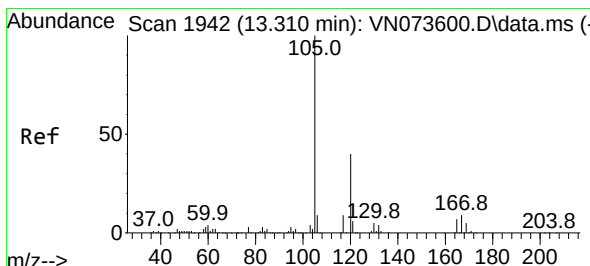
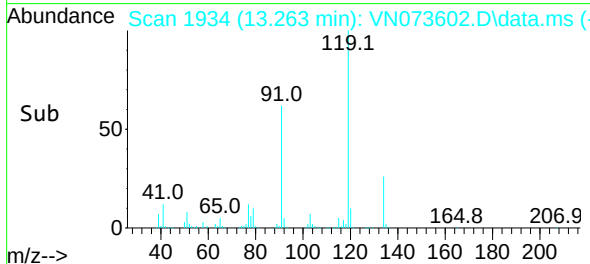
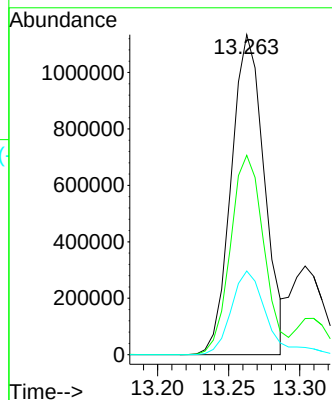
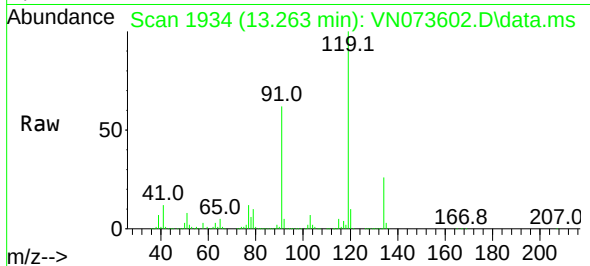
#79
tert-butylbenzene
Concen: 112.964 ug/l
RT: 13.263 min Scan# 1934
Delta R.T. 0.000 min
Lab File: VN073602.D
Acq: 27 Jul 2022 12:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion:119 Resp: 184113
Ion Ratio Lower Upper
119 100
91 63.0 0.0 137.0
134 26.1 0.0 47.6

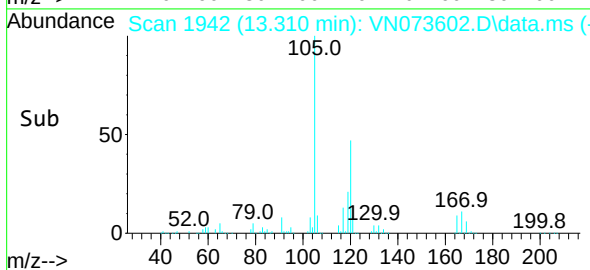
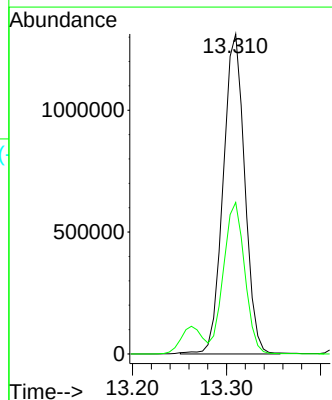
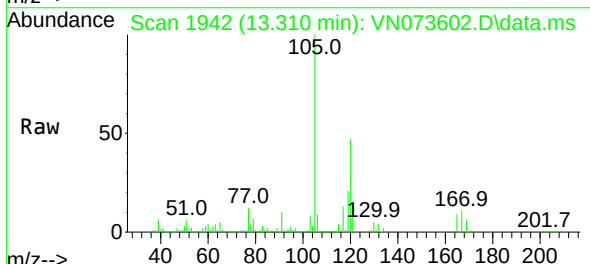
Manual Integrations
APPROVED

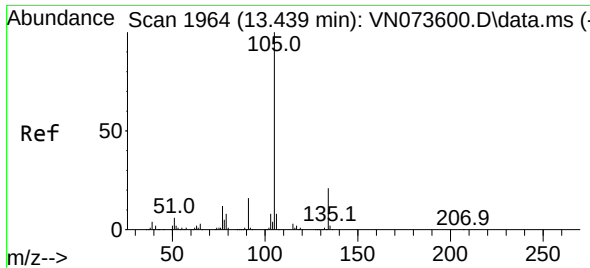
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022



#80
1,2,4-Trimethylbenzene
Concen: 114.370 ug/l m
RT: 13.310 min Scan# 1942
Delta R.T. 0.000 min
Lab File: VN073602.D
Acq: 27 Jul 2022 12:43

Tgt Ion:105 Resp: 2090821
Ion Ratio Lower Upper
105 100
120 0.2 0.0 0.2#





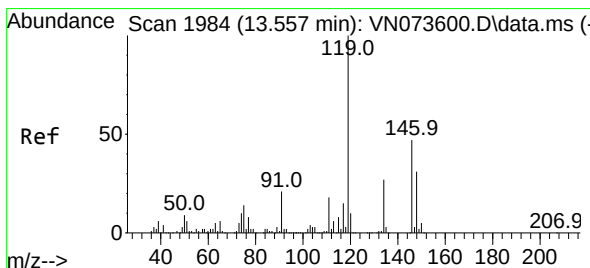
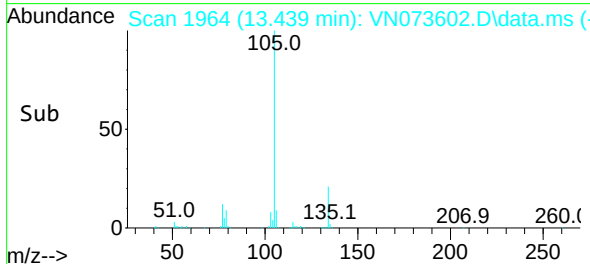
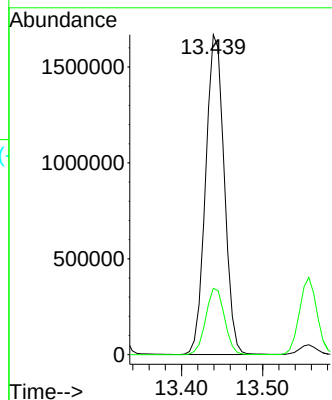
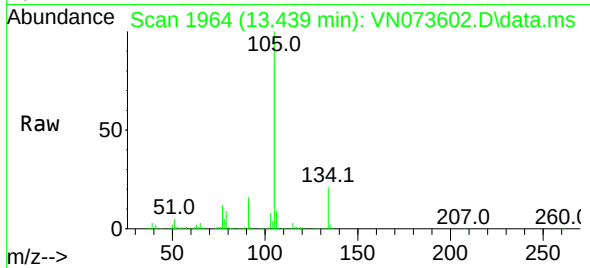
#81
 sec-Butylbenzene
 Concen: 119.032 ug/l
 RT: 13.439 min Scan# 1964
 Delta R.T. 0.000 min
 Lab File: VN073602.D
 Acq: 27 Jul 2022 12:43

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tgt Ion:105 Resp: 2651789
 Ion Ratio Lower Upper
 105 100
 134 21.0 0.0 39.4

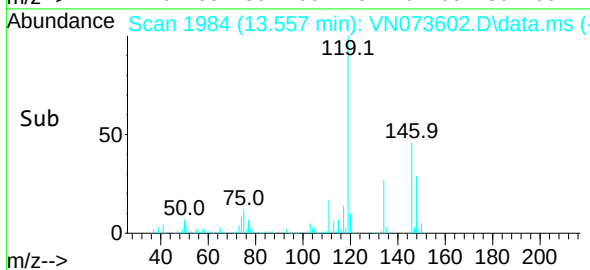
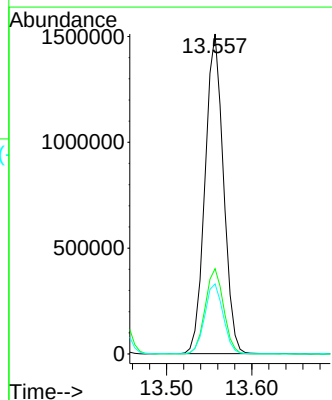
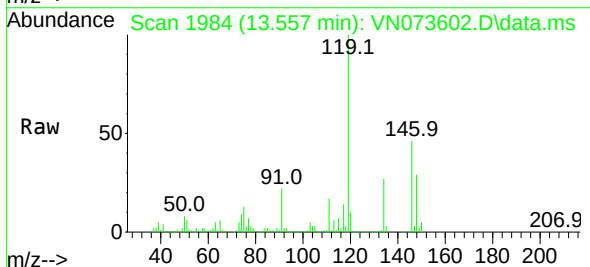
Manual Integrations
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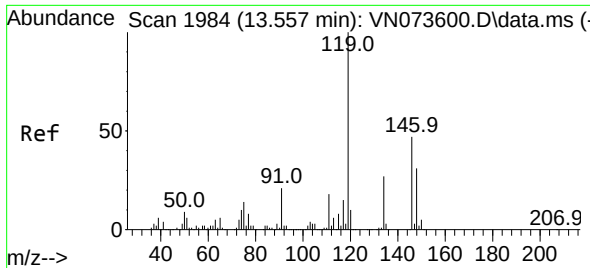
Reviewed By :John Carlone 07/28/2022
 Supervised By :Mahesh Dadoda 07/28/2022



#82
 p-Isopropyltoluene
 Concen: 125.085 ug/l
 RT: 13.557 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN073602.D
 Acq: 27 Jul 2022 12:43

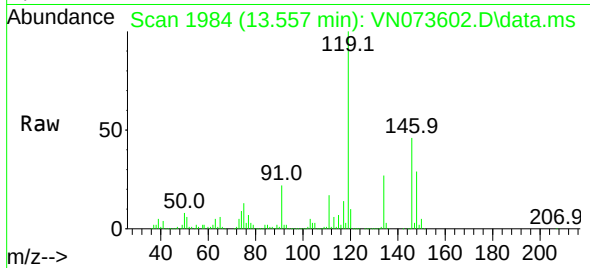
Tgt Ion:119 Resp: 2260525
 Ion Ratio Lower Upper
 119 100
 134 26.8 0.0 51.8
 91 22.0 0.0 50.4





#83
1,3-Dichlorobenzene
Concen: 123.170 ug/l
RT: 13.557 min Scan# 1984
Delta R.T. 0.000 min
Lab File: VN073602.D
Acq: 27 Jul 2022 12:43

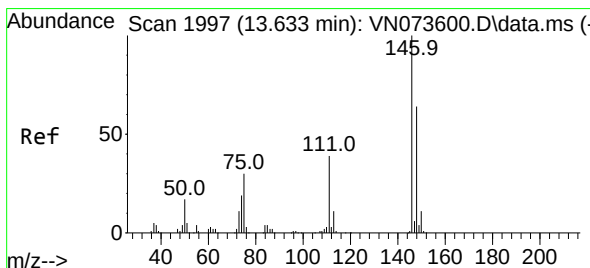
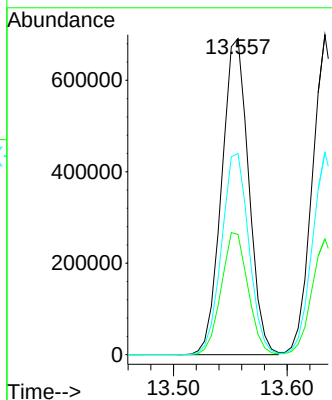
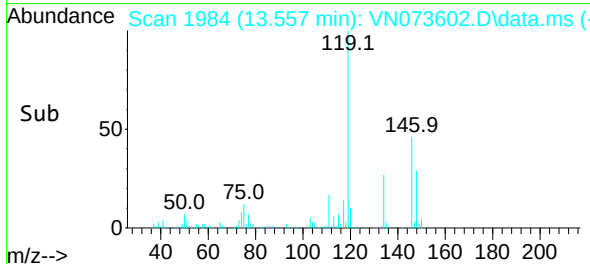
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



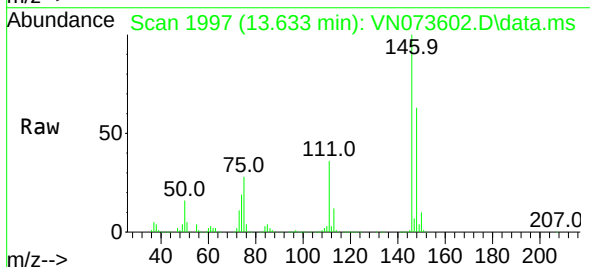
Tgt Ion:146 Resp: 1145838
Ion Ratio Lower Upper
146 100
111 38.2 20.8 62.2
148 63.9 31.4 94.3

Manual Integrations
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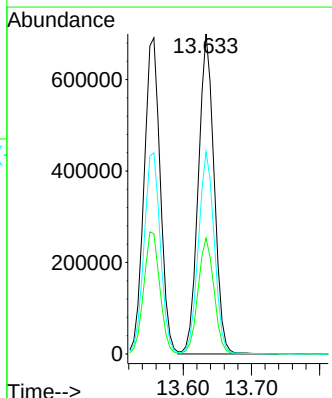
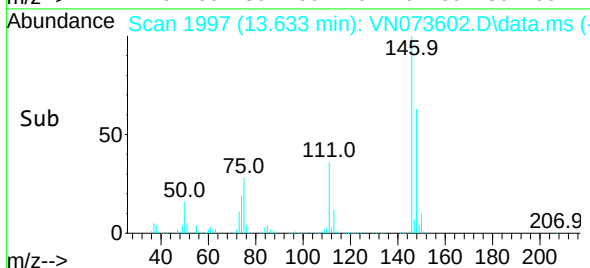
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022

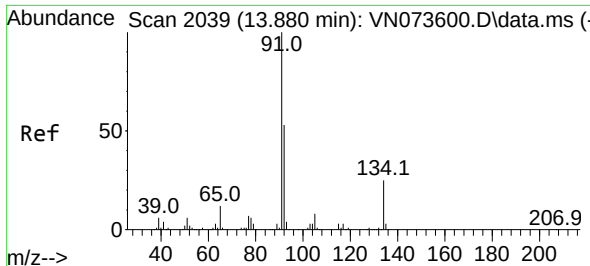


#84
1,4-Dichlorobenzene
Concen: 121.605 ug/l
RT: 13.633 min Scan# 1997
Delta R.T. 0.000 min
Lab File: VN073602.D
Acq: 27 Jul 2022 12:43



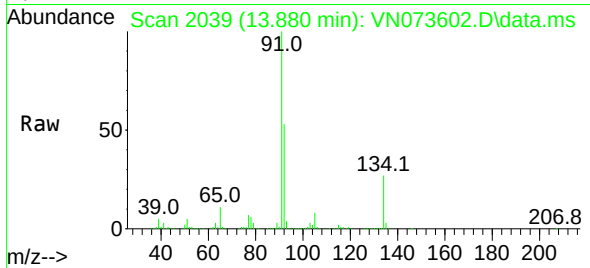
Tgt Ion:146 Resp: 1125671
Ion Ratio Lower Upper
146 100
111 35.9 19.5 58.5
148 63.7 31.1 93.5





#85
n-Butylbenzene
Concen: 127.806 ug/l
RT: 13.880 min Scan# 2039
Delta R.T. 0.000 min
Lab File: VN073602.D
Acq: 27 Jul 2022 12:43

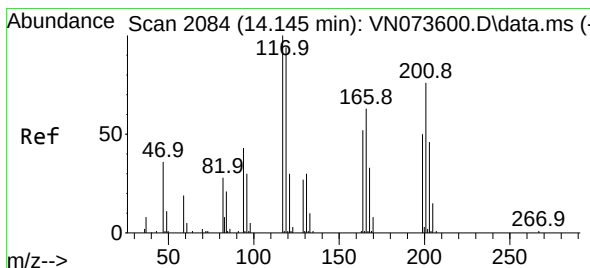
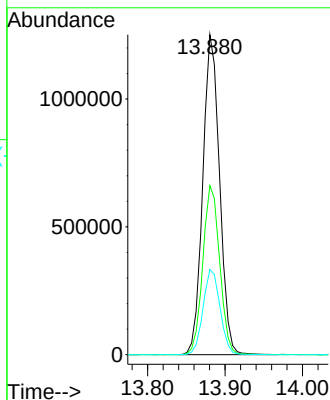
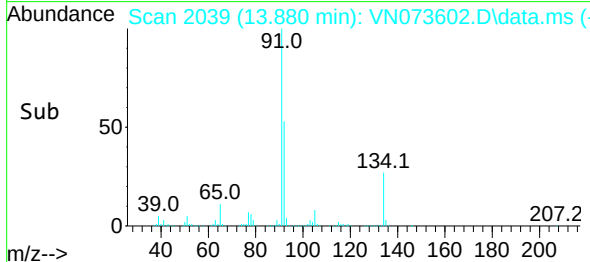
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 91 Resp: 1883854
Ion Ratio Lower Upper
91 100
92 53.2 0.0 100.6
134 27.0 0.0 50.2

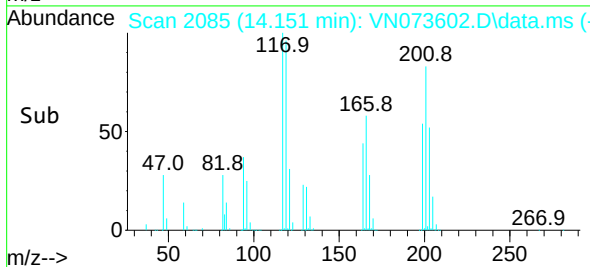
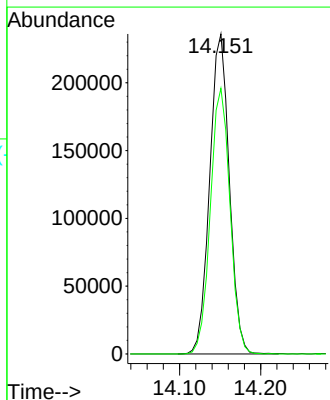
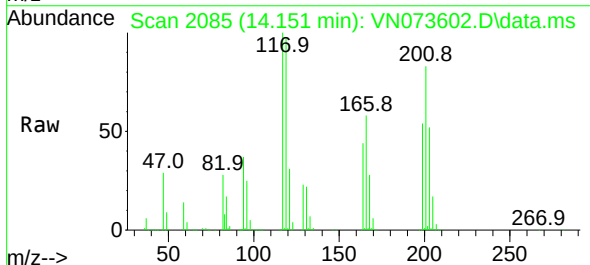
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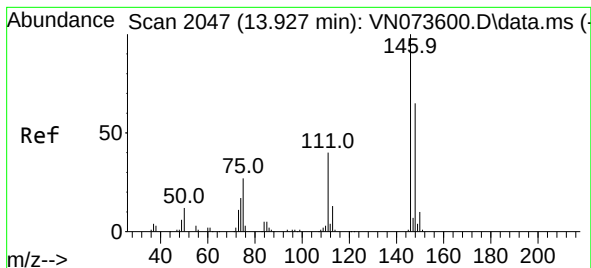
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022



#86
Hexachloroethane
Concen: 112.412 ug/l
RT: 14.151 min Scan# 2085
Delta R.T. 0.006 min
Lab File: VN073602.D
Acq: 27 Jul 2022 12:43

Tgt Ion:117 Resp: 395910
Ion Ratio Lower Upper
117 100
201 83.1 33.3 99.8





#87

1,2-Dichlorobenzene

Concen: 116.364 ug/l

RT: 13.927 min Scan# 2047

Delta R.T. 0.000 min

Lab File: VN073602.D

Acq: 27 Jul 2022 12:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion:146 Resp: 113374

Ion Ratio Lower Upper

146 100

111 38.9 21.4 64.2

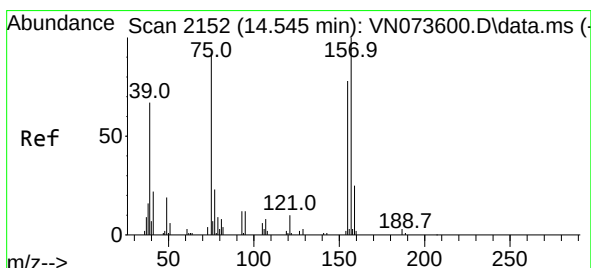
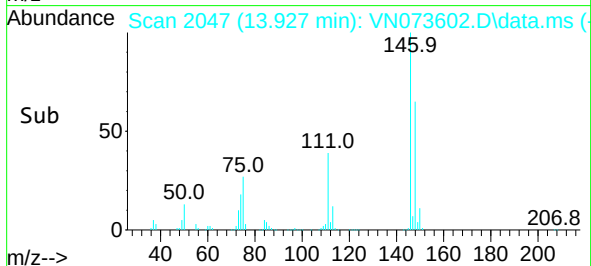
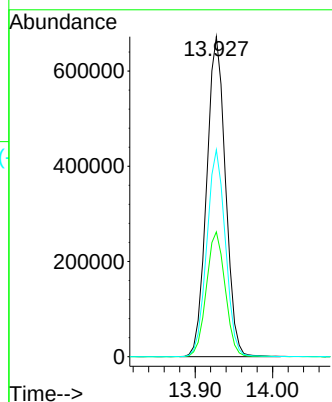
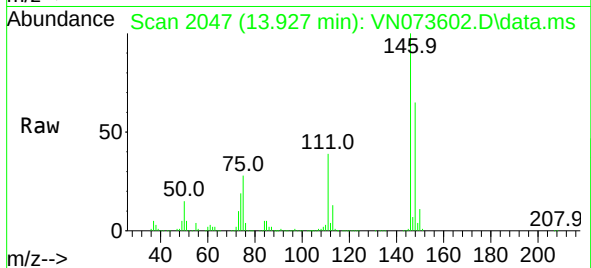
148 64.0 32.5 97.4

Manual Integrations

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Reviewed By :John Carlone 07/28/2022

Supervised By :Mahesh Dadoda 07/28/2022



#88

1,2-Dibromo-3-Chloropropane

Concen: 98.404 ug/l

RT: 14.545 min Scan# 2152

Delta R.T. 0.000 min

Lab File: VN073602.D

Acq: 27 Jul 2022 12:43

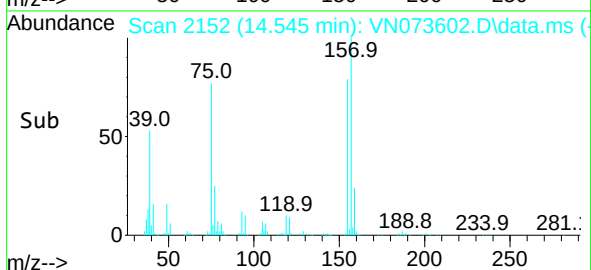
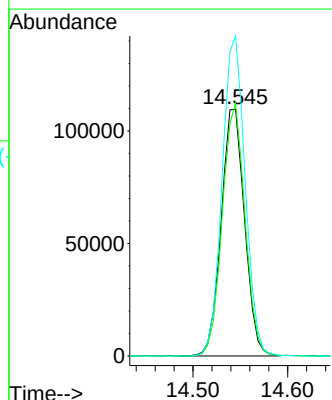
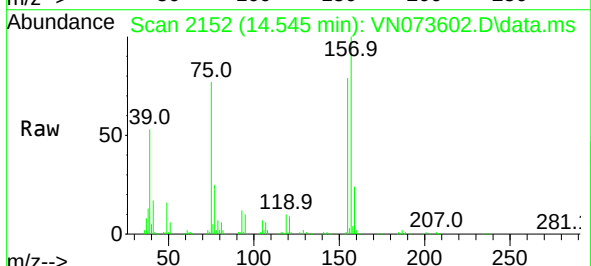
Tgt Ion: 75 Resp: 188757

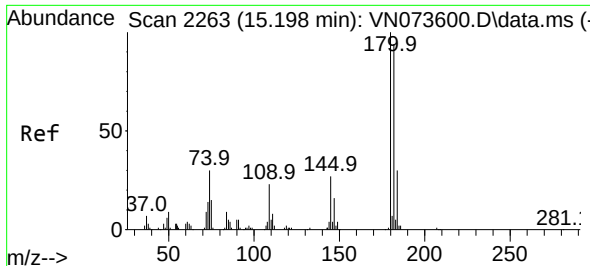
Ion Ratio Lower Upper

75 100

155 99.1 63.8 95.8#

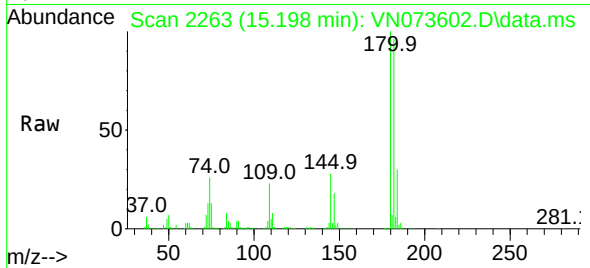
157 126.8 77.9 116.9#





#89
1,2,4-Trichlorobenzene
Concen: 138.755 ug/l
RT: 15.198 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN073602.D
Acq: 27 Jul 2022 12:43

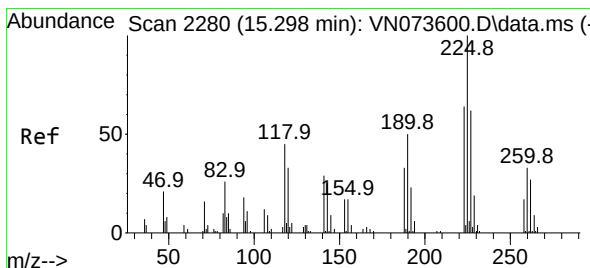
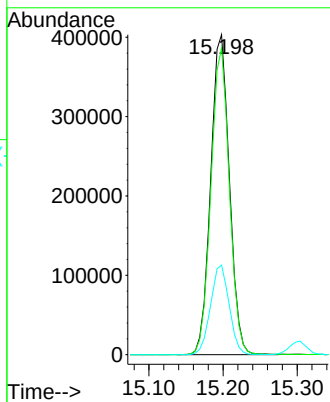
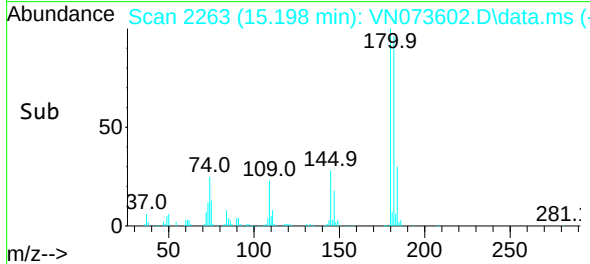
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



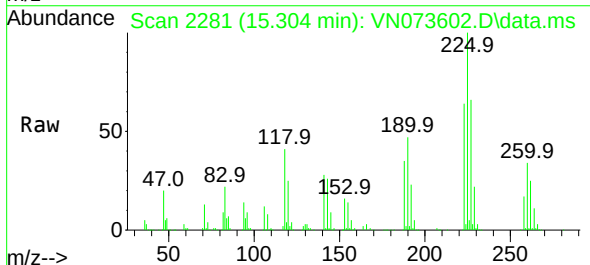
Tgt Ion:180 Resp: 70517
Ion Ratio Lower Upper
180 100
182 94.3 77.7 116.5
145 28.0 26.6 39.8

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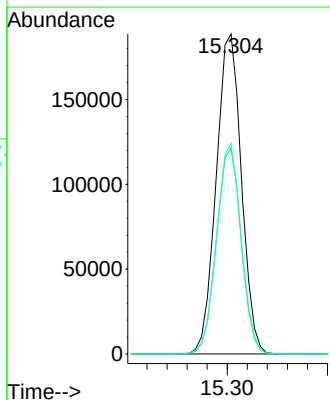
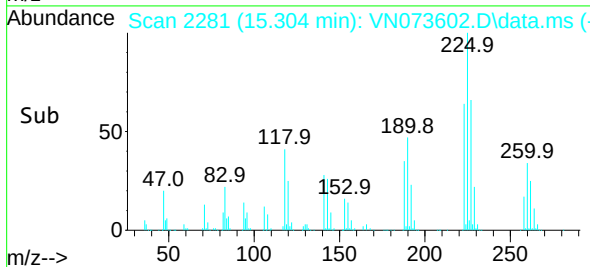
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022

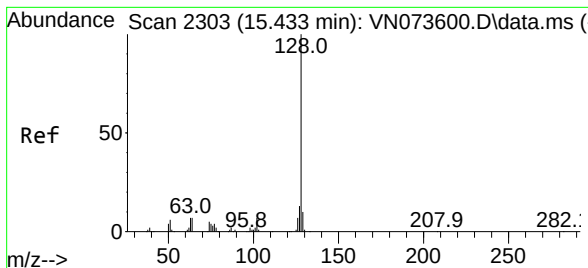


#90
Hexachlorobutadiene
Concen: 150.930 ug/l
RT: 15.304 min Scan# 2281
Delta R.T. 0.006 min
Lab File: VN073602.D
Acq: 27 Jul 2022 12:43



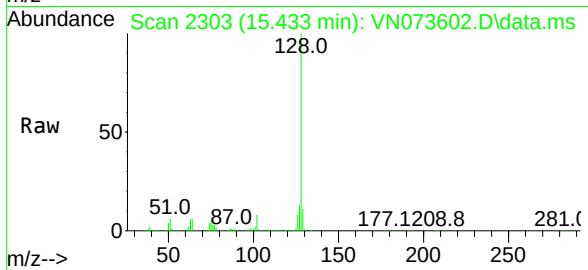
Tgt Ion:225 Resp: 328681
Ion Ratio Lower Upper
225 100
223 63.2 0.0 126.8
227 64.3 0.0 123.0





#91
Naphthalene
Concen: 121.677 ug/l
RT: 15.433 min Scan# 2303
Delta R.T. 0.000 min
Lab File: VN073602.D
Acq: 27 Jul 2022 12:43

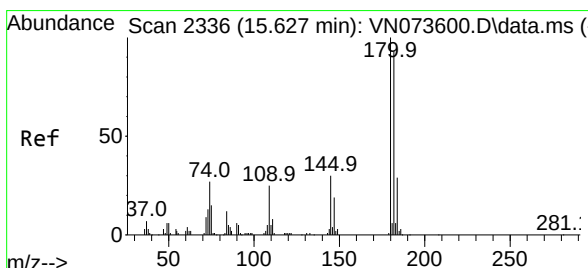
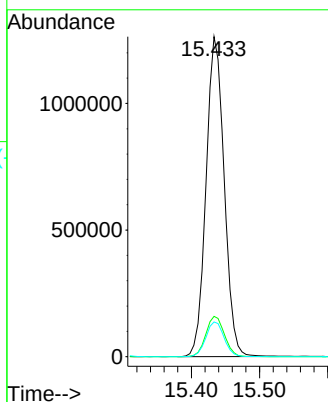
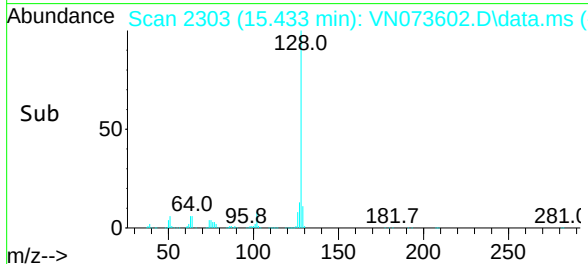
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



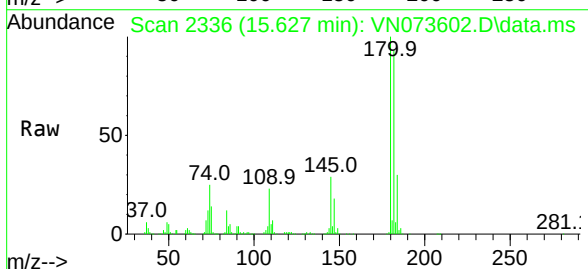
Tgt Ion:128 Resp: 233946
Ion Ratio Lower Upper
128 100
127 12.9 10.7 16.1
129 11.0 9.0 13.6

Manual Integrations
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Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022



#92
1,2,3-Trichlorobenzene
Concen: 135.626 ug/l
RT: 15.627 min Scan# 2336
Delta R.T. 0.000 min
Lab File: VN073602.D
Acq: 27 Jul 2022 12:43



Tgt Ion:180 Resp: 707159
Ion Ratio Lower Upper
180 100
182 95.2 0.0 190.0
145 29.8 0.0 67.8

