

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071422\
 Data File : VN073456.D
 Acq On : 14 Jul 2022 11:53
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/15/2022
 Supervised By : Mahesh Dadoda 07/15/2022

Quant Time: Jul 15 02:00:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 01:54:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	214968	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	367904	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	343264	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	168192	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.363	65	161733	52.116	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.240%			
35) Dibromofluoromethane	7.951	113	125160	51.133	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.260%			
50) Toluene-d8	10.375	98	432259	49.722	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.440%			
62) 4-Bromofluorobenzene	12.669	95	182301	54.567	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 109.140%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	153270	48.768	ug/l	98
3) Chloromethane	2.263	50	143228	46.941	ug/l	98
4) Vinyl Chloride	2.405	62	123297	47.558	ug/l	96
5) Bromomethane	2.781	94	42882	35.020	ug/l	100
6) Chloroethane	2.946	64	76970	50.470	ug/l	99
7) Trichlorofluoromethane	3.310	101	234152	52.242	ug/l	99
8) Diethyl Ether	3.763	74	96997	53.162	ug/l	79
9) 1,1,2-Trichlorotrifluo...	4.134	101	136473	51.531	ug/l	96
10) Methyl Iodide	4.346	142	138616	44.000	ug/l	95
11) Tert butyl alcohol	5.287	59	199852	265.846	ug/l	99
12) 1,1-Dichloroethene	4.110	96	124763	49.302	ug/l	99
13) Acrolein	3.981	56	83871	176.510	ug/l	100
14) Allyl chloride	4.757	41	279548	52.437	ug/l #	91
15) Acrylonitrile	5.469	53	572315	295.736	ug/l	100
16) Acetone	4.216	43	513416	294.739	ug/l	92
17) Carbon Disulfide	4.451	76	278115	42.384	ug/l	99
18) Methyl Acetate	4.769	43	302534	61.975	ug/l #	89
19) Methyl tert-butyl Ether	5.528	73	504603	54.711	ug/l	98
20) Methylene Chloride	5.010	84	154860	50.586	ug/l	91
21) trans-1,2-Dichloroethene	5.510	96	129108	48.827	ug/l	90
22) Diisopropyl ether	6.410	45	573744	57.676	ug/l #	96
23) Vinyl Acetate	6.345	43	2464412	276.696	ug/l #	93
24) 1,1-Dichloroethane	6.304	63	286869	55.725	ug/l	99
25) 2-Butanone	7.257	43	826641	298.066	ug/l	91
26) 2,2-Dichloropropane	7.245	77	209085	43.915	ug/l	98
27) cis-1,2-Dichloroethene	7.245	96	165956	51.827	ug/l	94
28) Bromochloromethane	7.581	49	134057	62.179	ug/l #	80
29) Tetrahydrofuran	7.604	42	552141	290.758	ug/l #	85
30) Chloroform	7.745	83	288132	55.571	ug/l	98
31) Cyclohexane	8.022	56	236590	46.551	ug/l	91
32) 1,1,1-Trichloroethane	7.939	97	243491	52.696	ug/l	98
36) 1,1-Dichloropropene	8.145	75	200970	53.360	ug/l	96
37) Ethyl Acetate	7.334	43	327830	57.607	ug/l #	93
38) Carbon Tetrachloride	8.134	117	197394	50.681	ug/l	96
39) Methylcyclohexane	9.392	83	233547	49.807	ug/l	95
40) Benzene	8.387	78	614748	52.889	ug/l	99

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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.563	41	158578	57.457	ug/l #	85
42) 1,2-Dichloroethane	8.457	62	236254	56.072	ug/l	97
43) Isopropyl Acetate	8.492	43	470319	57.506	ug/l	92
44) Trichloroethene	9.151	130	149550	50.559	ug/l	91
45) 1,2-Dichloropropane	9.422	63	166124	56.074	ug/l	96
46) Dibromomethane	9.516	93	110547	54.956	ug/l	89
47) Bromodichloromethane	9.698	83	224065	57.511	ug/l	100
48) Methyl methacrylate	9.498	41	214077	56.532	ug/l	87
49) 1,4-Dioxane	9.504	88	86165	1198.598	ug/l #	91
51) 4-Methyl-2-Pentanone	10.269	43	1610547	310.525	ug/l	90
52) Toluene	10.439	92	385442	53.658	ug/l	99
53) t-1,3-Dichloropropene	10.657	75	233935	54.544	ug/l	97
54) cis-1,3-Dichloropropene	10.128	75	254294	54.919	ug/l #	90
55) 1,1,2-Trichloroethane	10.839	97	162651	55.001	ug/l	97
56) Ethyl methacrylate	10.698	69	269421	56.366	ug/l #	86
57) 1,3-Dichloropropane	10.980	76	280986	55.427	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.981	63	623087	292.294	ug/l	93
59) 2-Hexanone	11.028	43	1219810	308.536	ug/l	88
60) Dibromochloromethane	11.175	129	164058	58.187	ug/l	99
61) 1,2-Dibromoethane	11.286	107	164038	55.535	ug/l	100
64) Tetrachloroethene	10.916	164	136011	48.523	ug/l	97
65) Chlorobenzene	11.710	112	404784	52.140	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.780	131	149977	52.522	ug/l	98
67) Ethyl Benzene	11.780	91	745383	52.886	ug/l	99
68) m/p-Xylenes	11.892	106	555061	104.352	ug/l	93
69) o-Xylene	12.222	106	282825	52.085	ug/l	96
70) Styrene	12.233	104	465758	55.556	ug/l	98
71) Bromoform	12.398	173	122405	58.583	ug/l #	97
73) Isopropylbenzene	12.516	105	752080	51.782	ug/l	97
74) N-amyl acetate	12.327	43	368444	50.662	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.769	83	257470	53.421	ug/l	100
76) 1,2,3-Trichloropropane	12.822	75	226892m	51.591	ug/l	
77) Bromobenzene	12.798	156	168350	49.854	ug/l	84
78) n-propylbenzene	12.857	91	865149	53.619	ug/l	97
79) 2-Chlorotoluene	12.945	91	523057	51.220	ug/l	97
80) 1,3,5-Trimethylbenzene	12.998	105	622614	52.593	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.569	75	77727	48.470	ug/l	89
82) 4-Chlorotoluene	13.045	91	513271	51.917	ug/l	97
83) tert-Butylbenzene	13.263	119	547490	51.586	ug/l	95
84) 1,2,4-Trimethylbenzene	13.310	105	620963	52.538	ug/l	96
85) sec-Butylbenzene	13.439	105	779493	54.696	ug/l	98
86) p-Isopropyltoluene	13.557	119	633174	54.999	ug/l	98
87) 1,3-Dichlorobenzene	13.551	146	306176	50.541	ug/l	99
88) 1,4-Dichlorobenzene	13.633	146	309173	50.936	ug/l	99
89) n-Butylbenzene	13.880	91	536729	55.949	ug/l	98
90) Hexachloroethane	14.145	117	111713	52.069	ug/l	84
91) 1,2-Dichlorobenzene	13.927	146	313709	50.835	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.545	75	60876	51.967	ug/l	87
93) 1,2,4-Trichlorobenzene	15.192	180	168819	52.538	ug/l	98
94) Hexachlorobutadiene	15.304	225	73735	51.620	ug/l	99
95) Naphthalene	15.433	128	639077	49.301	ug/l	99
96) 1,2,3-Trichlorobenzene	15.621	180	174806	52.737	ug/l	97

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Quant Title : SW846 8260
QLast Update : Wed Jun 29 01:54:03 2022
Response via : Initial Calibration

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

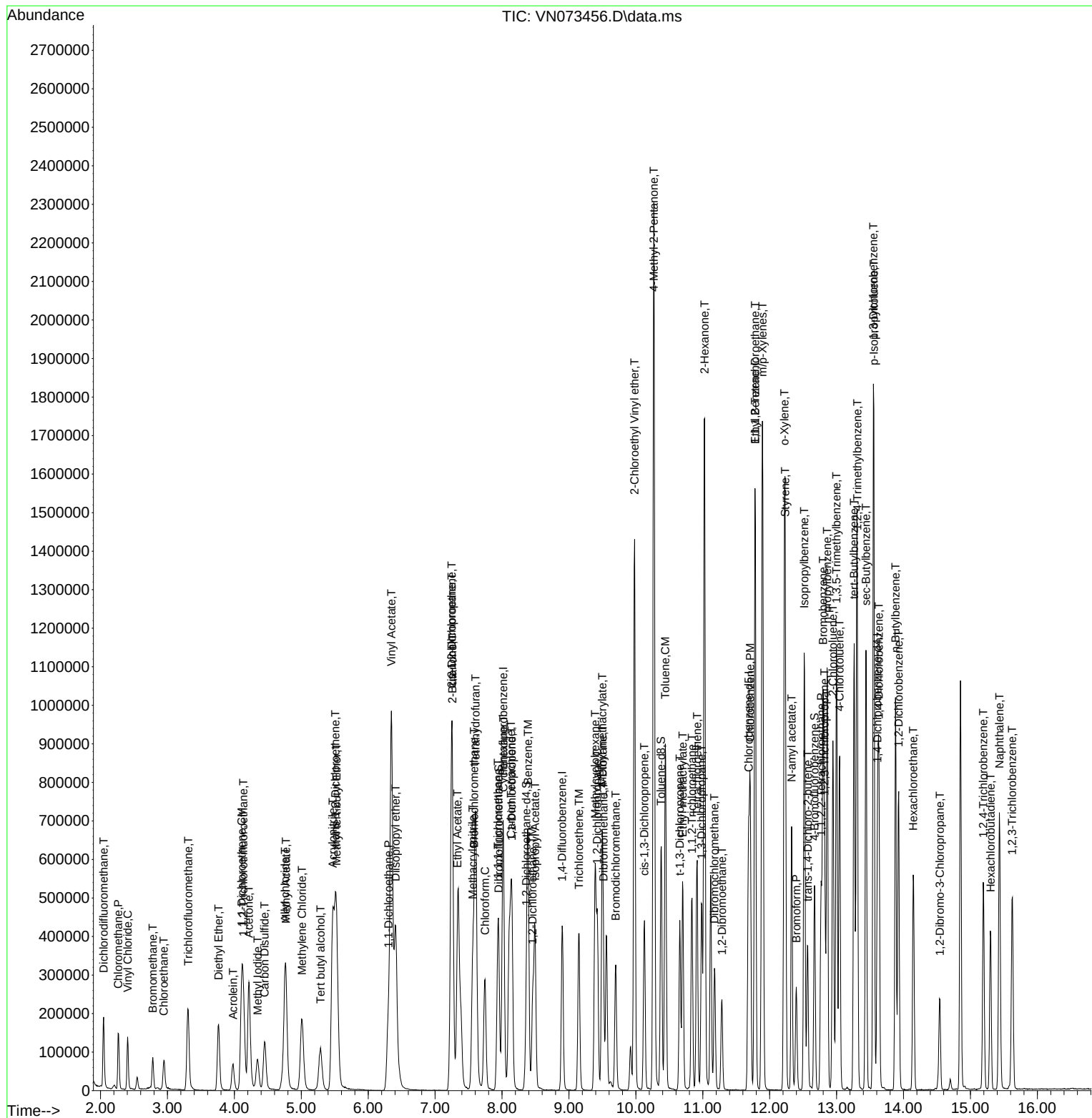
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071422\
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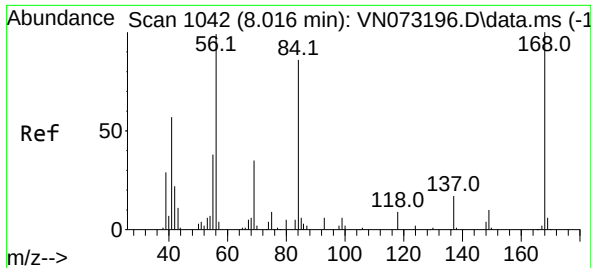
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Manual Integrations APPROVED

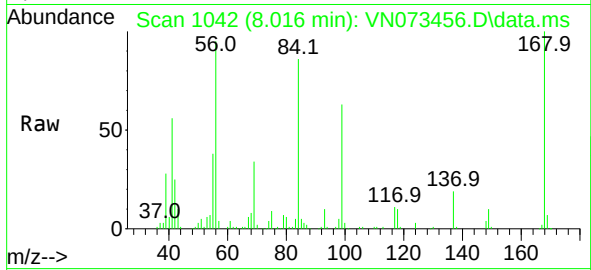
Reviewed By : John Carlone 07/15/2022
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073456.D
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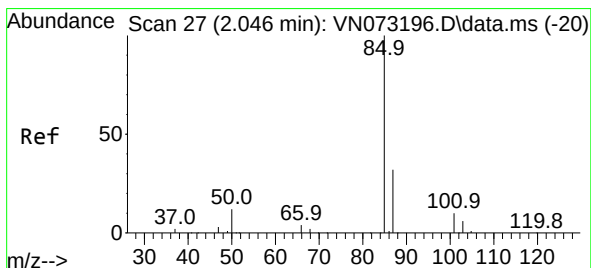
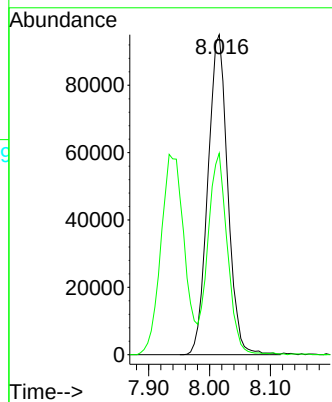
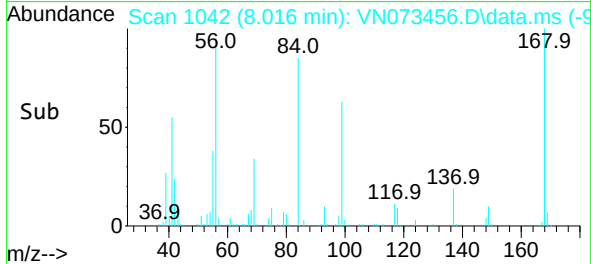
Instrument :
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Tgt Ion:168 Resp: 214968
Ion Ratio Lower Upper
168 100
99 62.8 42.3 63.5

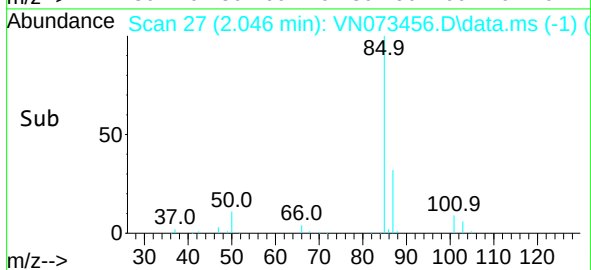
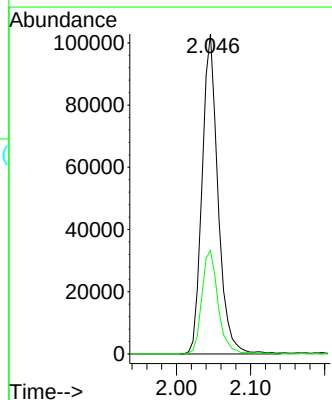
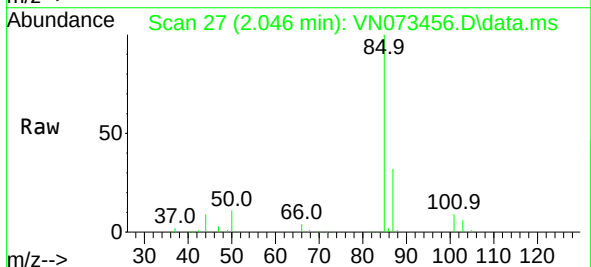
Manual Integrations
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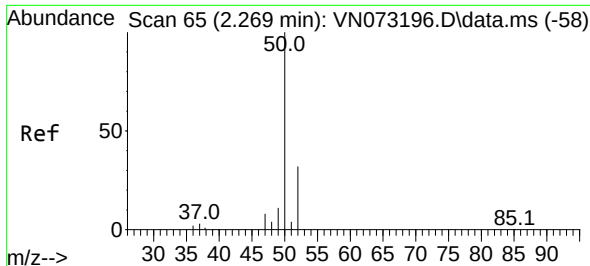
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022



#2
Dichlorodifluoromethane
Concen: 48.768 ug/l
RT: 2.046 min Scan# 27
Delta R.T. -0.000 min
Lab File: VN073456.D
Acq: 14 Jul 2022 11:53

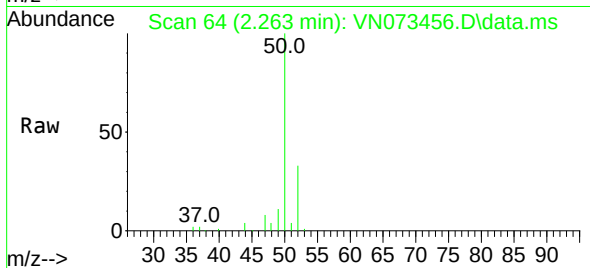
Tgt Ion: 85 Resp: 153270
Ion Ratio Lower Upper
85 100
87 32.3 15.7 47.1





#3
Chloromethane
Concen: 46.941 ug/l
RT: 2.263 min Scan# 64
Delta R.T. -0.006 min
Lab File: VN073456.D
Acq: 14 Jul 2022 11:53

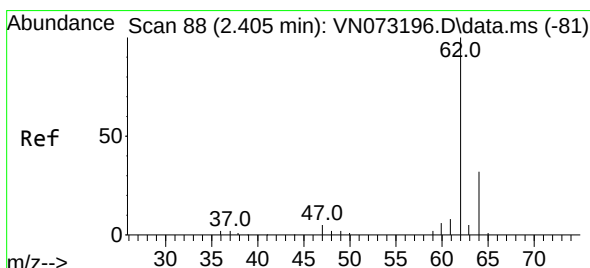
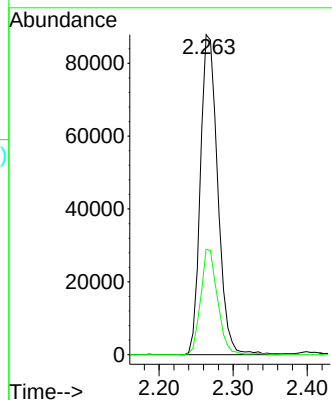
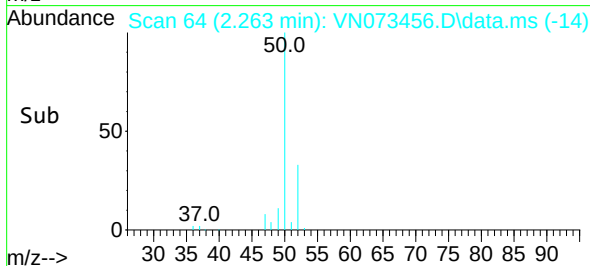
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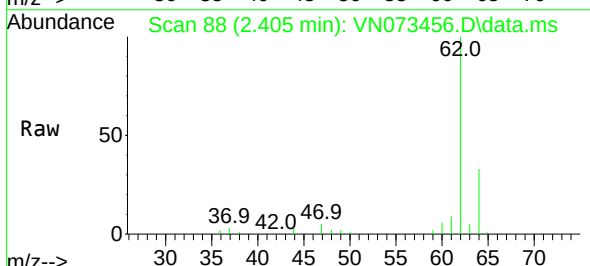
Tgt Ion: 50 Resp: 143228
Ion Ratio Lower Upper
50 100
52 32.9 25.7 38.5

Manual Integrations
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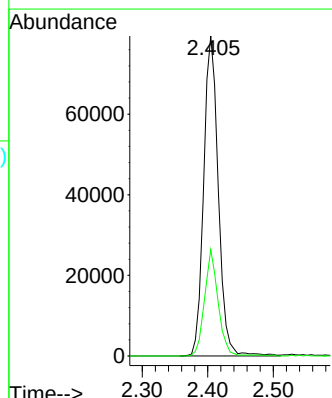
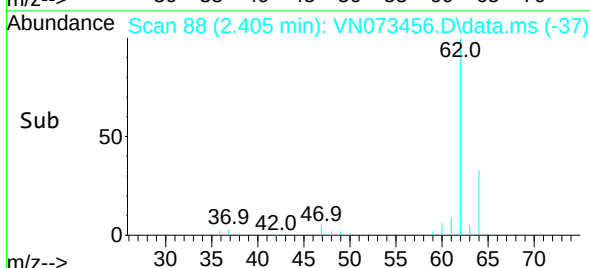
Reviewed By :John Carlone 07/15/2022
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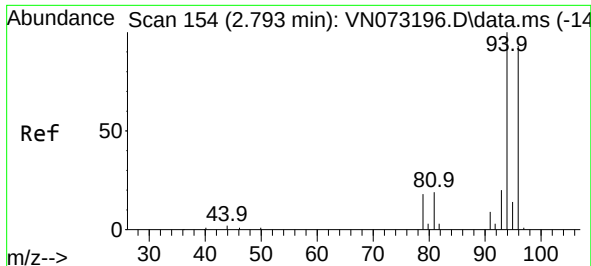


#4
Vinyl Chloride
Concen: 47.558 ug/l
RT: 2.405 min Scan# 88
Delta R.T. -0.000 min
Lab File: VN073456.D
Acq: 14 Jul 2022 11:53



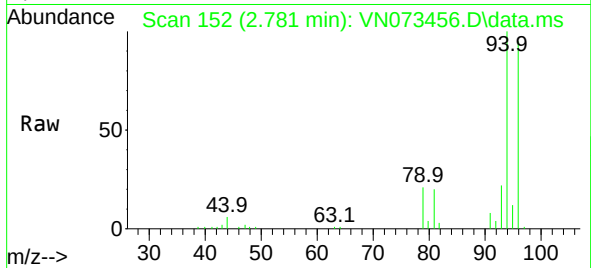
Tgt Ion: 62 Resp: 123297
Ion Ratio Lower Upper
62 100
64 33.2 25.0 37.4





#5
Bromomethane
Concen: 35.020 ug/l
RT: 2.781 min Scan# 11
Delta R.T. -0.012 min
Lab File: VN073456.D
Acq: 14 Jul 2022 11:53

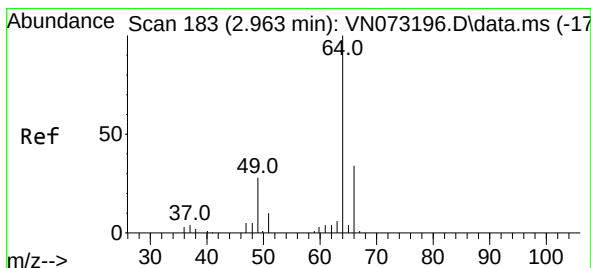
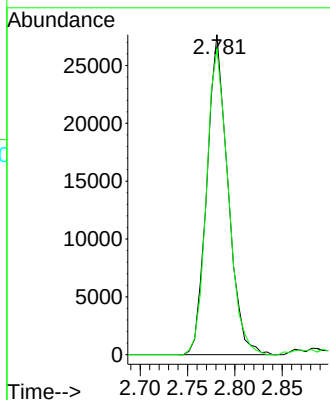
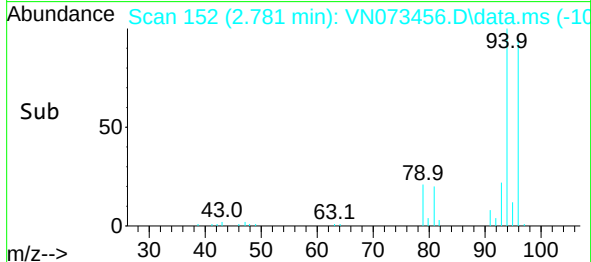
Instrument :
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Tgt Ion: 94 Resp: 4288
Ion Ratio Lower Upper
94 100
96 95.5 76.0 114.0

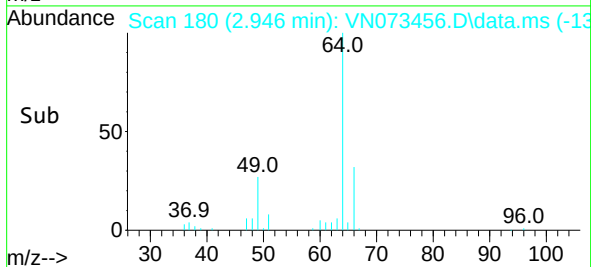
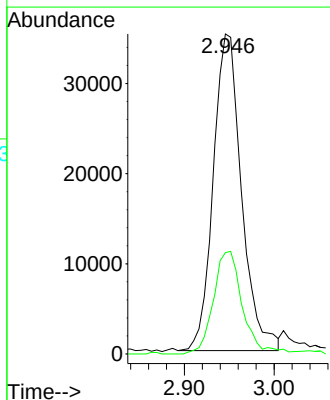
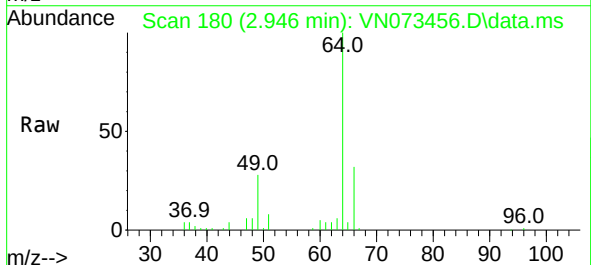
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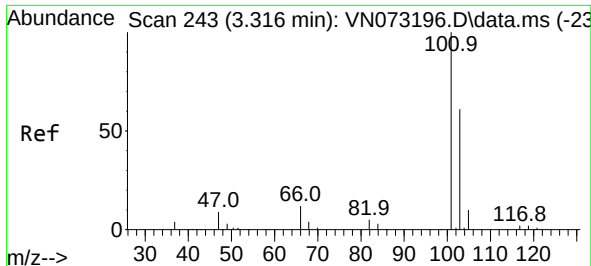
Reviewed By :John Carlone 07/15/2022
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#6
Chloroethane
Concen: 50.470 ug/l
RT: 2.946 min Scan# 180
Delta R.T. -0.017 min
Lab File: VN073456.D
Acq: 14 Jul 2022 11:53

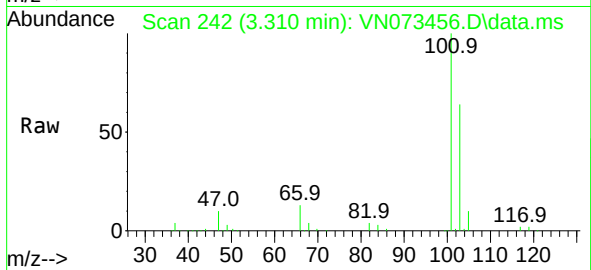
Tgt Ion: 64 Resp: 76970
Ion Ratio Lower Upper
64 100
66 32.0 26.2 39.4





#7
Trichlorofluoromethane
Concen: 52.242 ug/l
RT: 3.310 min Scan# 243
Delta R.T. -0.006 min
Lab File: VN073456.D
Acq: 14 Jul 2022 11:53

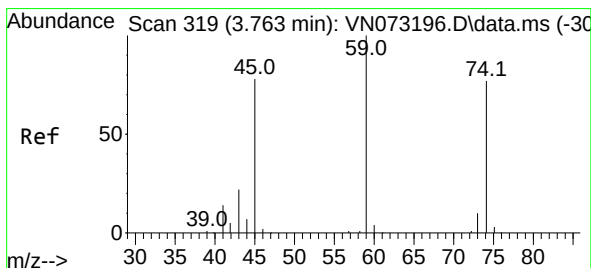
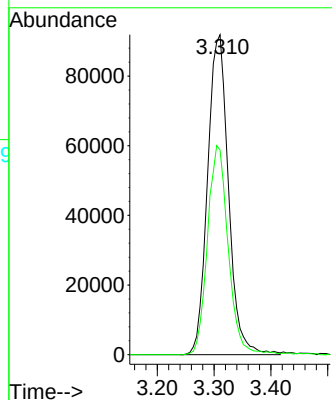
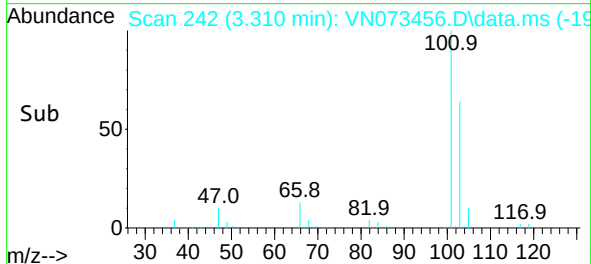
Instrument :
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Tgt Ion:101 Resp: 234152
Ion Ratio Lower Upper
101 100
103 64.0 51.5 77.3

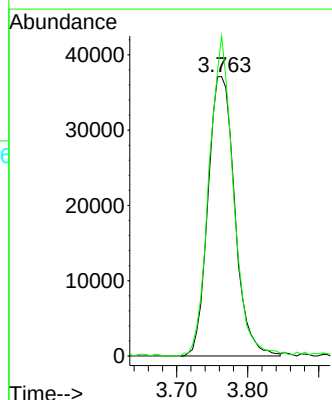
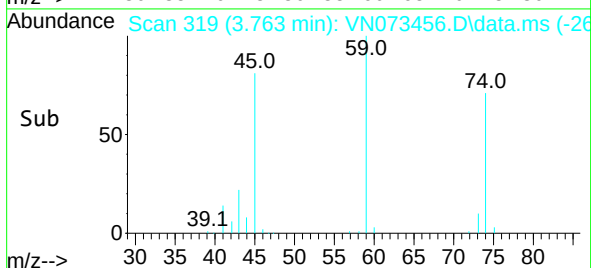
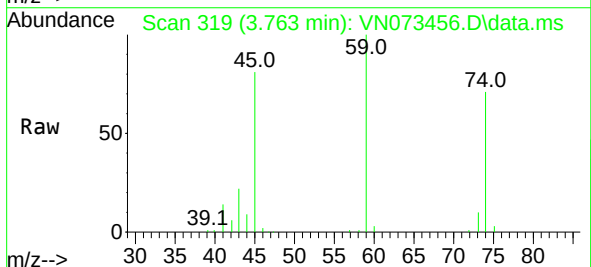
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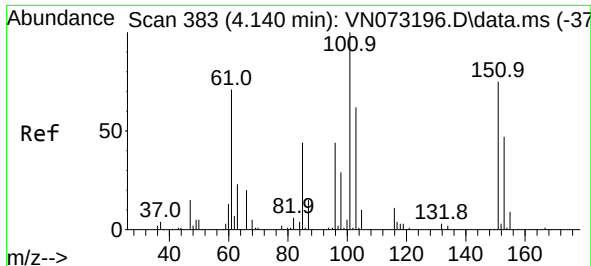
Reviewed By :John Carlone 07/15/2022
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#8
Diethyl Ether
Concen: 53.162 ug/l
RT: 3.763 min Scan# 319
Delta R.T. 0.000 min
Lab File: VN073456.D
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Tgt Ion: 74 Resp: 96997
Ion Ratio Lower Upper
74 100
45 104.6 42.9 128.5





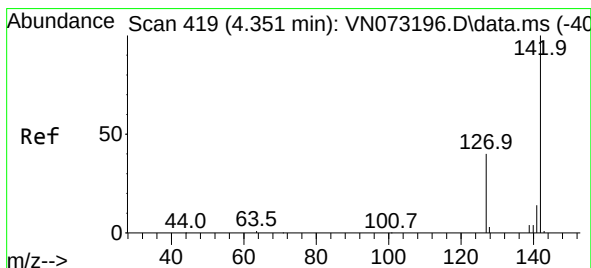
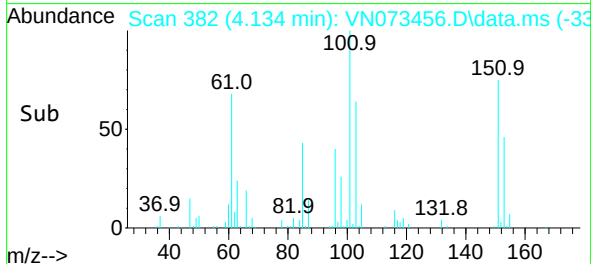
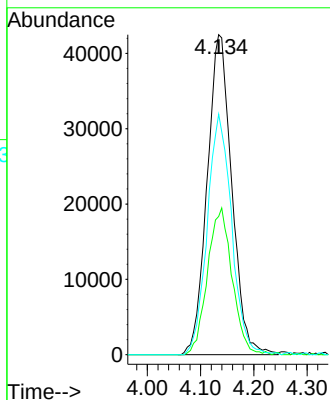
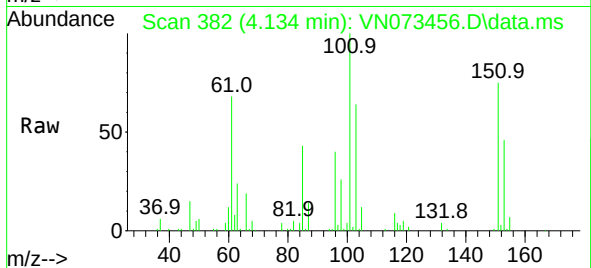
#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.531 ug/l
RT: 4.134 min Scan# 382
Delta R.T. -0.006 min
Lab File: VN073456.D
Acq: 14 Jul 2022 11:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 13647
Ion Ratio Lower Upper
101 100
85 45.8 34.7 52.1
151 74.6 63.0 94.4

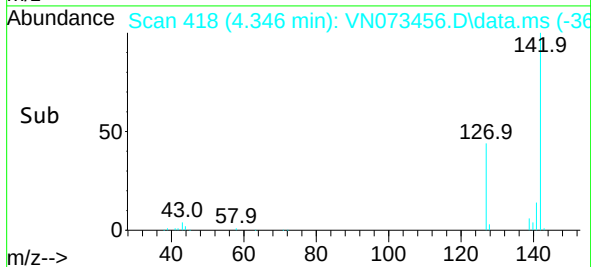
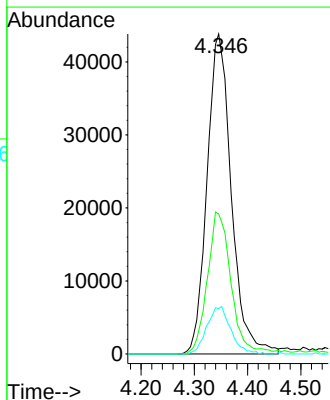
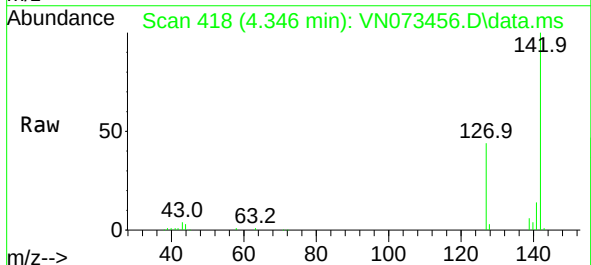
Manual Integrations
APPROVED

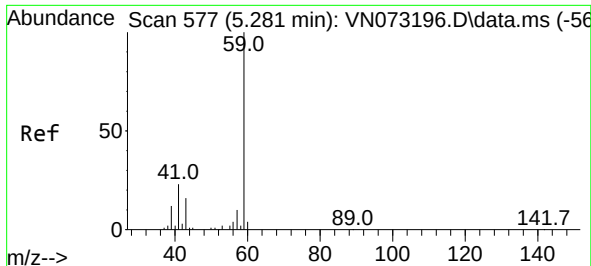
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022



#10
Methyl Iodide
Concen: 44.000 ug/l
RT: 4.346 min Scan# 418
Delta R.T. -0.005 min
Lab File: VN073456.D
Acq: 14 Jul 2022 11:53

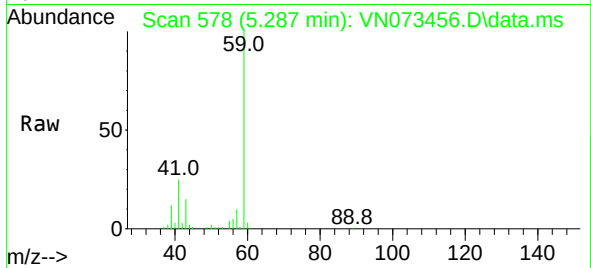
Tgt Ion:142 Resp: 138616
Ion Ratio Lower Upper
142 100
127 43.1 31.3 46.9
141 14.6 11.2 16.8





#11
Tert butyl alcohol
Concen: 265.846 ug/l
RT: 5.287 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN073456.D
Acq: 14 Jul 2022 11:53

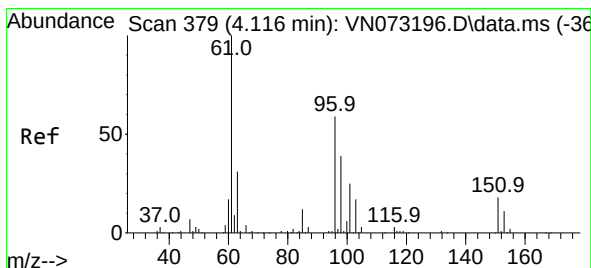
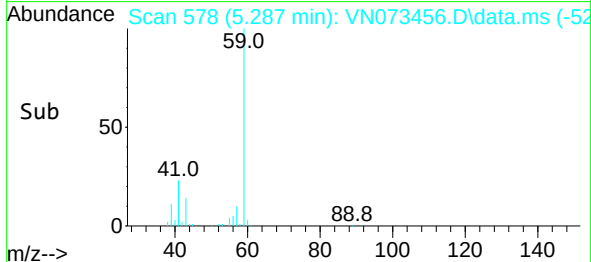
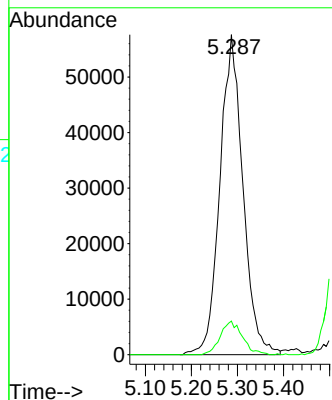
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 59 Resp: 199852
Ion Ratio Lower Upper
59 100
57 10.1 8.3 12.5

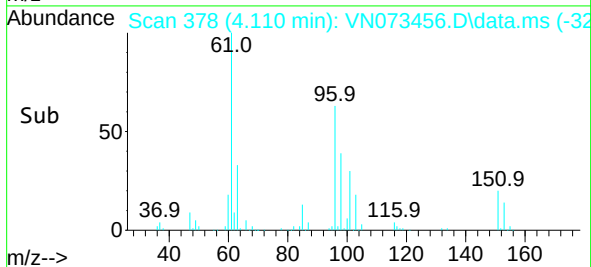
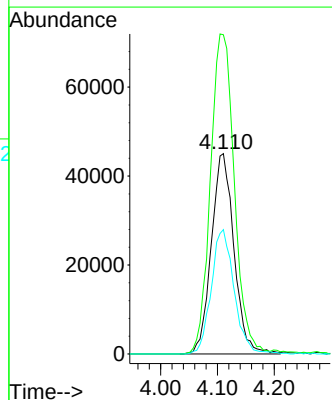
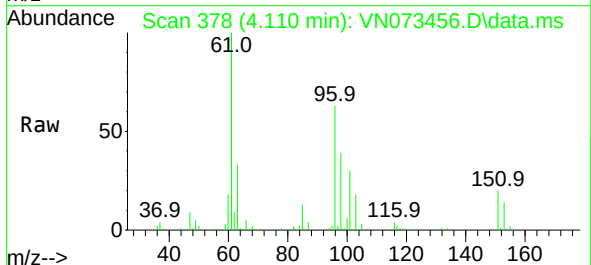
Manual Integrations
APPROVED

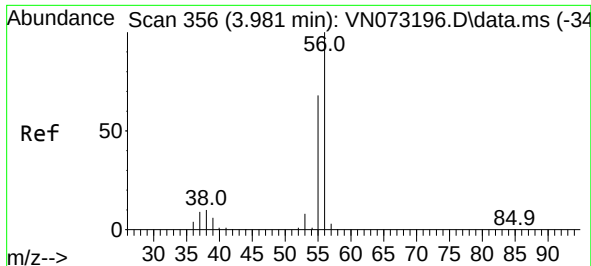
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022



#12
1,1-Dichloroethene
Concen: 49.302 ug/l
RT: 4.110 min Scan# 378
Delta R.T. -0.006 min
Lab File: VN073456.D
Acq: 14 Jul 2022 11:53

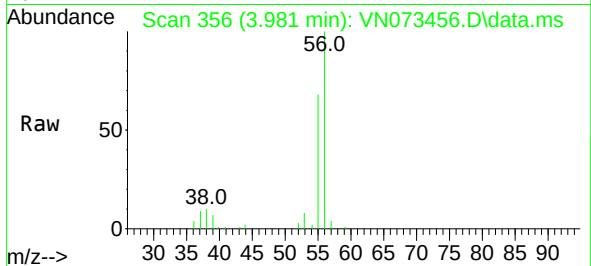
Tgt Ion: 96 Resp: 124763
Ion Ratio Lower Upper
96 100
61 159.3 127.6 191.4
98 62.1 51.2 76.8





#13
Acrolein
Concen: 176.510 ug/l
RT: 3.981 min Scan# 356
Delta R.T. -0.000 min
Lab File: VN073456.D
Acq: 14 Jul 2022 11:53

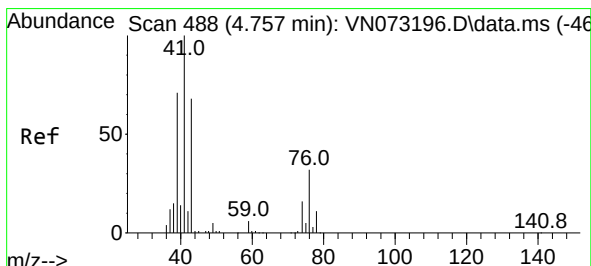
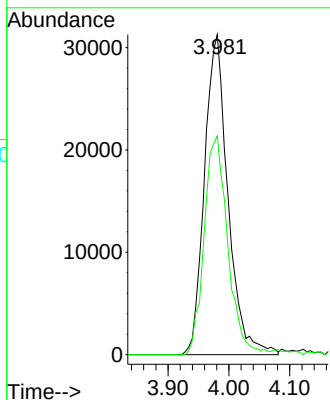
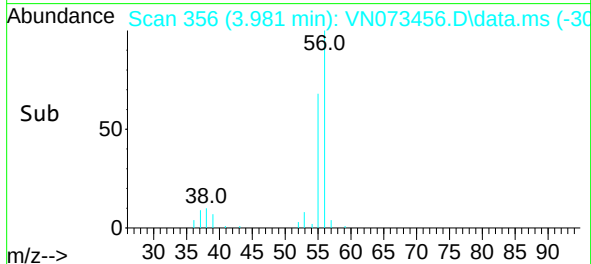
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 8387
Ion Ratio Lower Upper
56 100
55 68.6 54.8 82.2

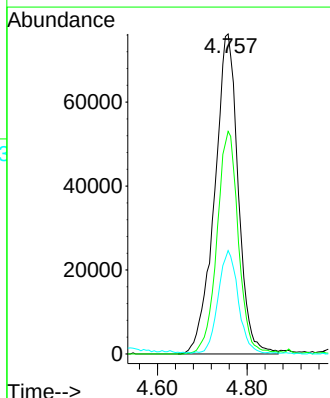
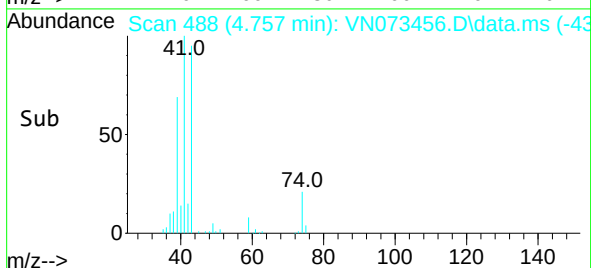
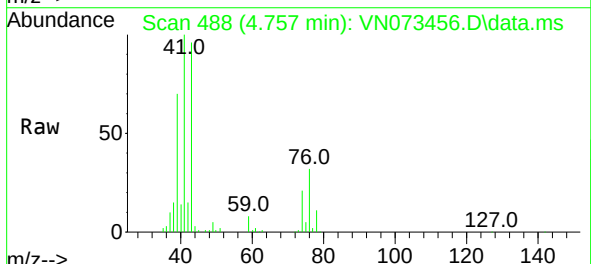
Manual Integrations
APPROVED

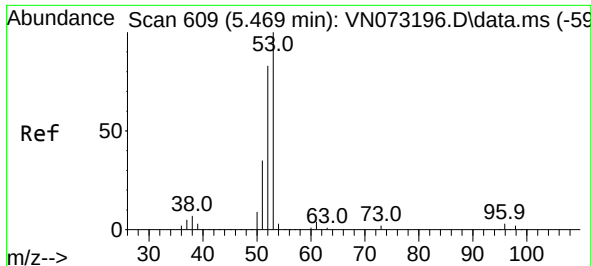
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022



#14
Allyl chloride
Concen: 52.437 ug/l
RT: 4.757 min Scan# 488
Delta R.T. 0.000 min
Lab File: VN073456.D
Acq: 14 Jul 2022 11:53

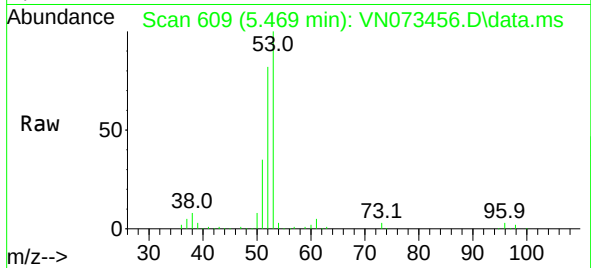
Tgt Ion: 41 Resp: 279548
Ion Ratio Lower Upper
41 100
39 63.1 53.2 79.8
76 27.1 29.9 44.9#





#15
Acrylonitrile
Concen: 295.736 ug/l
RT: 5.469 min Scan# 609
Delta R.T. 0.000 min
Lab File: VN073456.D
Acq: 14 Jul 2022 11:53

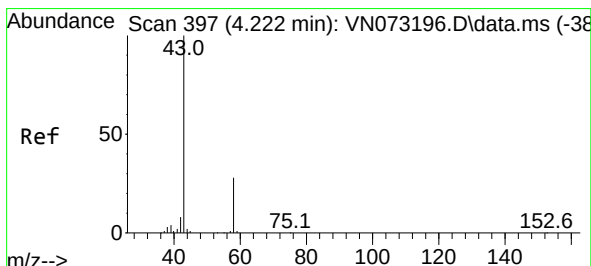
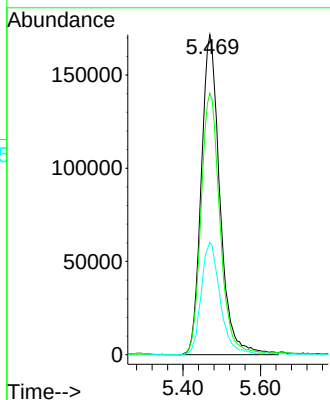
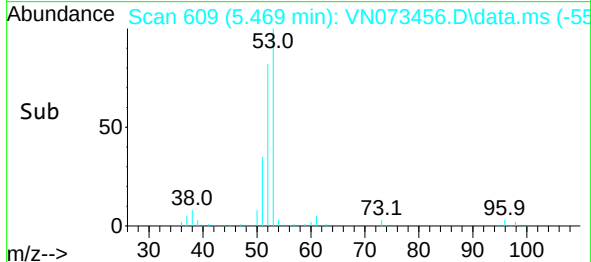
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



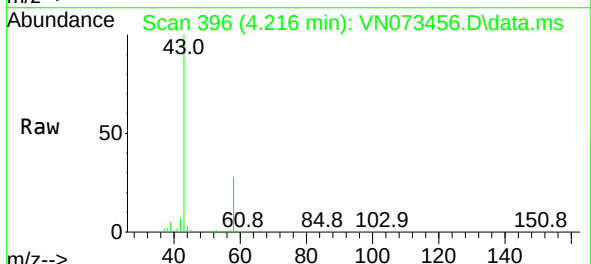
Tgt Ion: 53 Resp: 57231
Ion Ratio Lower Upper
53 100
52 82.9 66.4 99.6
51 35.9 28.5 42.7

Manual Integrations
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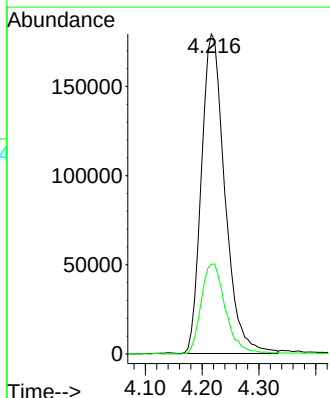
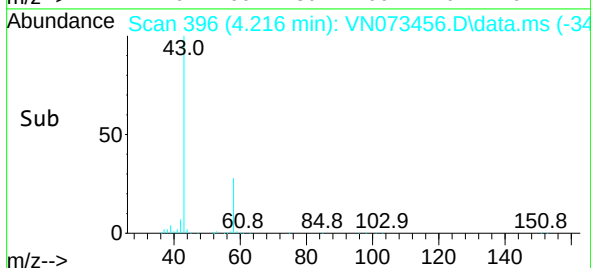
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022

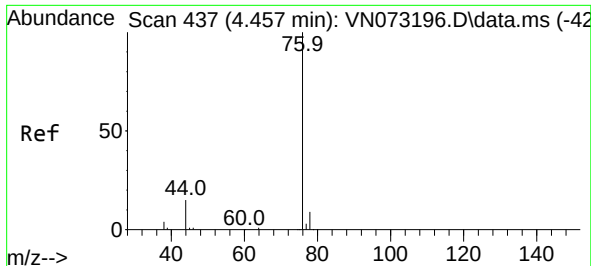


#16
Acetone
Concen: 294.739 ug/l
RT: 4.216 min Scan# 396
Delta R.T. -0.006 min
Lab File: VN073456.D
Acq: 14 Jul 2022 11:53



Tgt Ion: 43 Resp: 513416
Ion Ratio Lower Upper
43 100
58 28.1 26.0 39.0





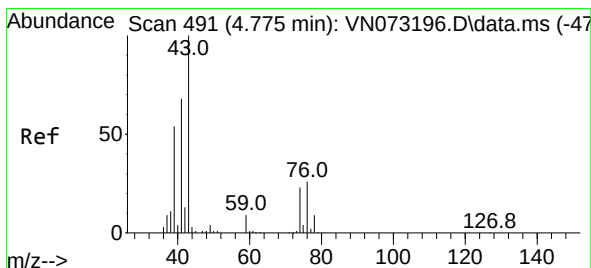
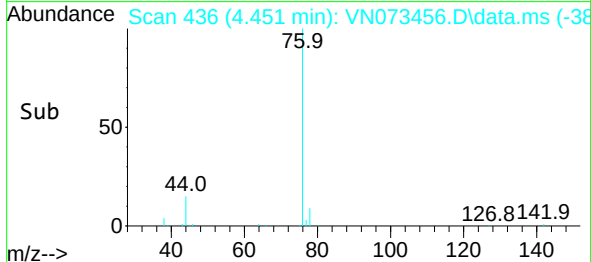
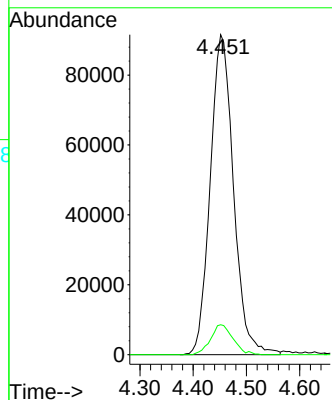
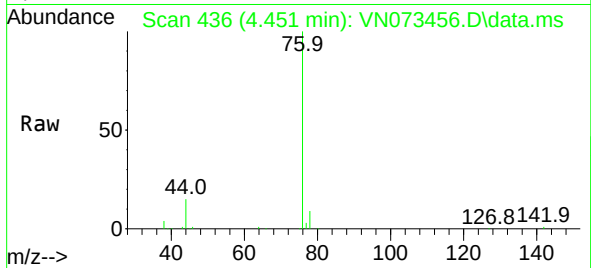
#17
Carbon Disulfide
Concen: 42.384 ug/l
RT: 4.451 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN073456.D
Acq: 14 Jul 2022 11:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 27811
Ion Ratio Lower Upper
76 100
78 9.4 7.2 10.8

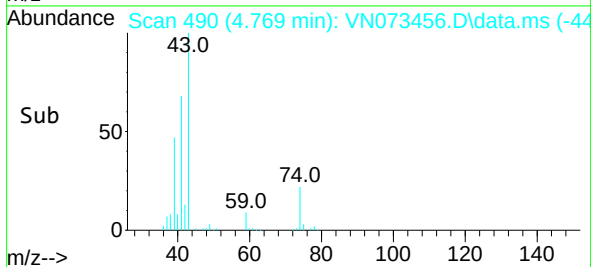
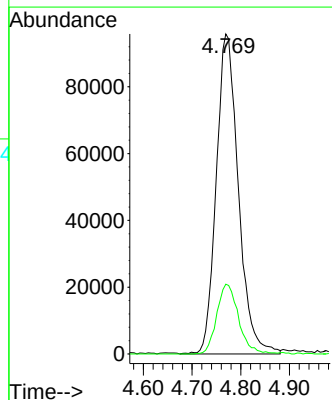
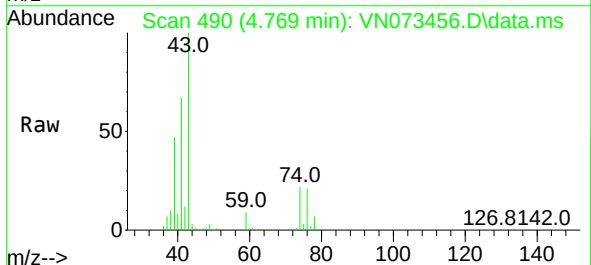
Manual Integrations
APPROVED

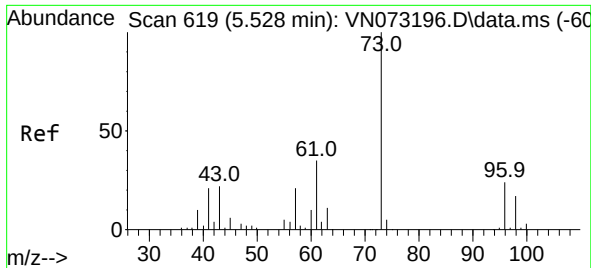
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022



#18
Methyl Acetate
Concen: 61.975 ug/l
RT: 4.769 min Scan# 490
Delta R.T. -0.006 min
Lab File: VN073456.D
Acq: 14 Jul 2022 11:53

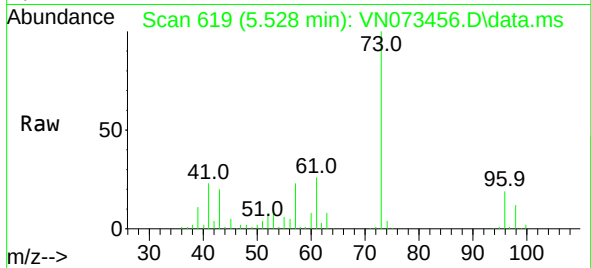
Tgt Ion: 43 Resp: 302534
Ion Ratio Lower Upper
43 100
74 21.5 21.6 32.4#





#19
Methyl tert-butyl Ether
Concen: 54.711 ug/l
RT: 5.528 min Scan# 619
Delta R.T. -0.000 min
Lab File: VN073456.D
Acq: 14 Jul 2022 11:53

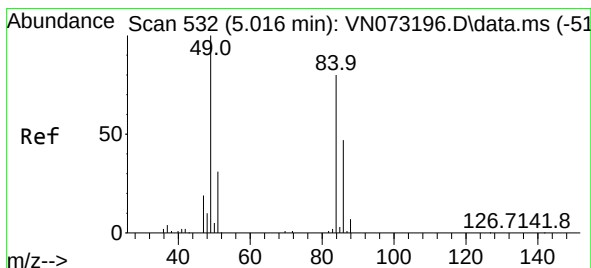
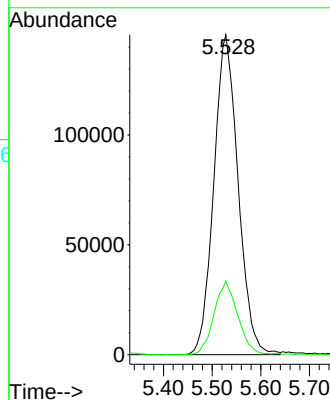
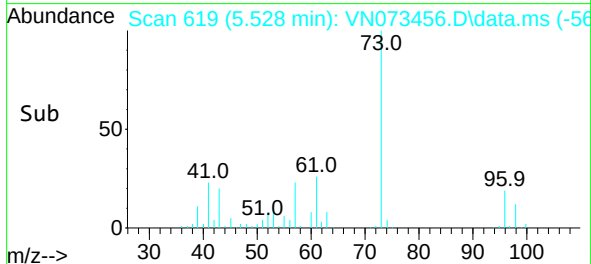
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 50460
Ion Ratio Lower Upper
73 100
57 23.1 17.6 26.4

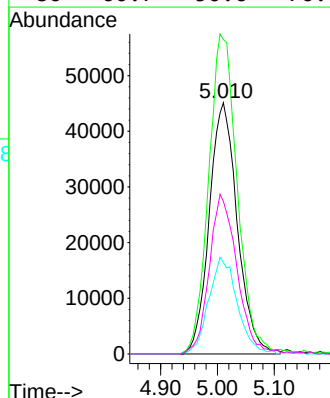
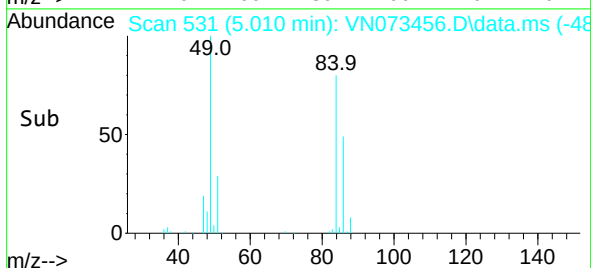
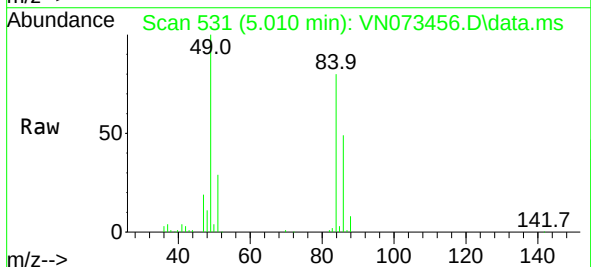
Manual Integrations
APPROVED

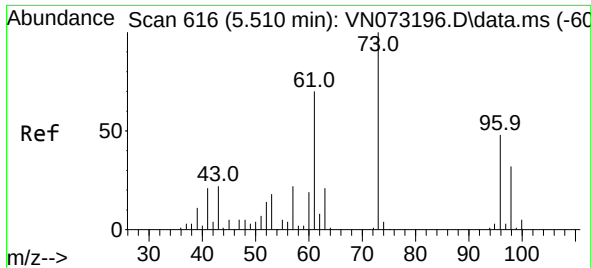
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022



#20
Methylene Chloride
Concen: 50.586 ug/l
RT: 5.010 min Scan# 531
Delta R.T. -0.006 min
Lab File: VN073456.D
Acq: 14 Jul 2022 11:53

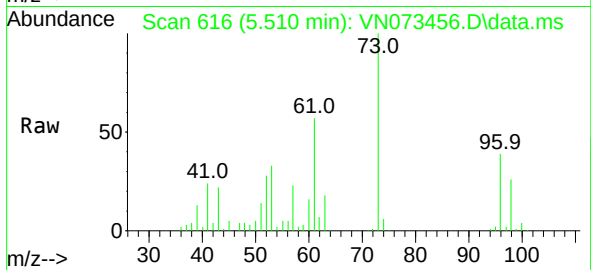
Tgt Ion: 84 Resp: 154860
Ion Ratio Lower Upper
84 100
49 125.1 88.3 132.5
51 36.5 28.2 42.2
86 60.7 50.6 76.0





#21
trans-1,2-Dichloroethene
Concen: 48.827 ug/l
RT: 5.510 min Scan# 616
Delta R.T. 0.000 min
Lab File: VN073456.D
Acq: 14 Jul 2022 11:53

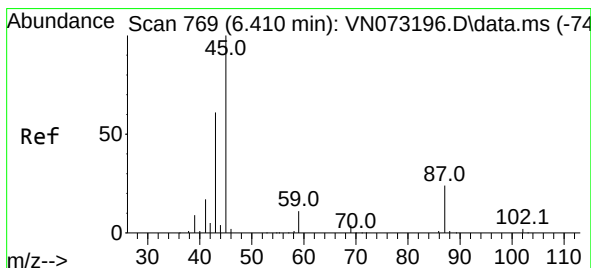
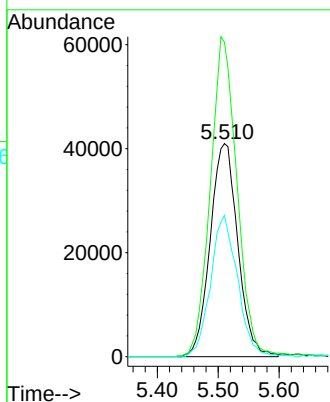
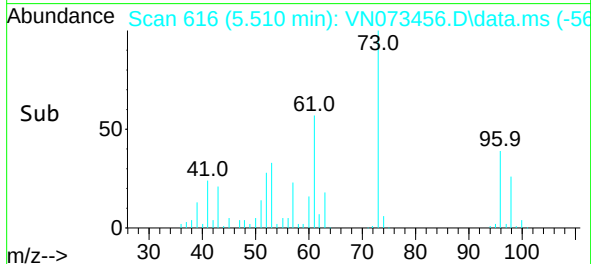
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 129108
Ion Ratio Lower Upper
96 100
61 147.2 105.8 158.8
98 66.3 50.3 75.5

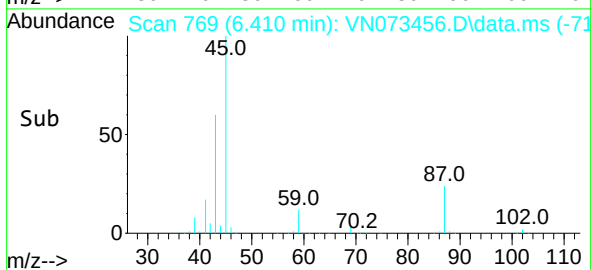
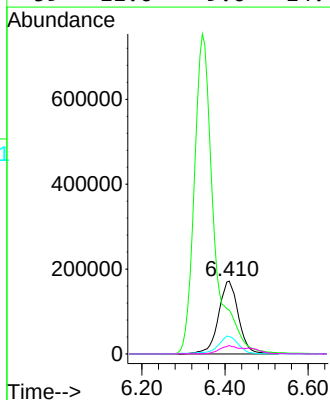
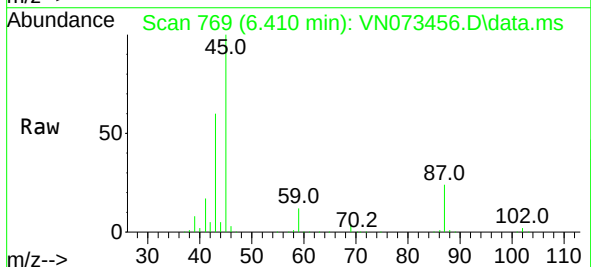
Manual Integrations
APPROVED

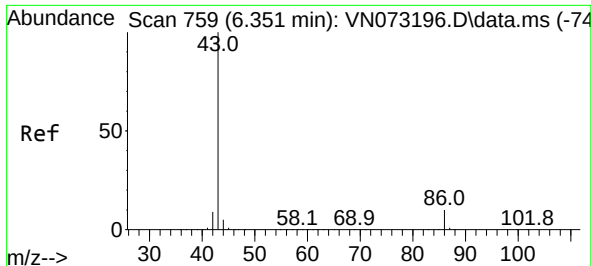
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022



#22
Diisopropyl ether
Concen: 57.676 ug/l
RT: 6.410 min Scan# 769
Delta R.T. 0.000 min
Lab File: VN073456.D
Acq: 14 Jul 2022 11:53

Tgt Ion: 45 Resp: 573744
Ion Ratio Lower Upper
45 100
43 58.6 46.6 70.0
87 23.8 24.3 36.5#
59 11.6 9.6 14.4





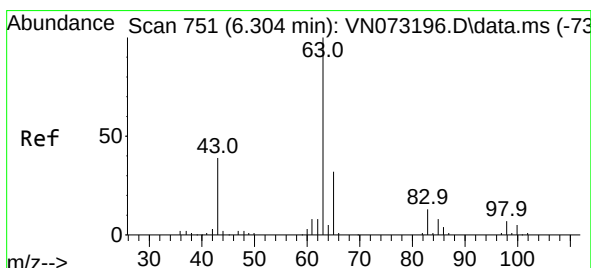
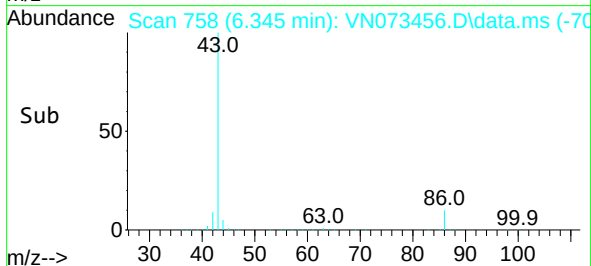
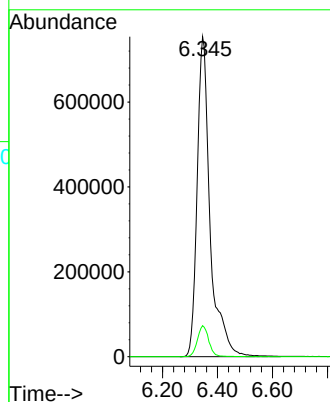
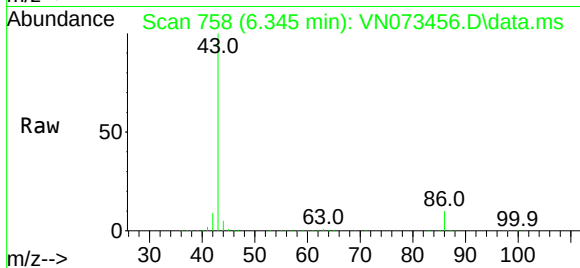
#23
 Vinyl Acetate
 Concen: 276.696 ug/l
 RT: 6.345 min Scan# 758
 Delta R.T. -0.006 min
 Lab File: VN073456.D
 Acq: 14 Jul 2022 11:53

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 246441
 Ion Ratio Lower Upper
 43 100
 86 9.7 10.0 15.0

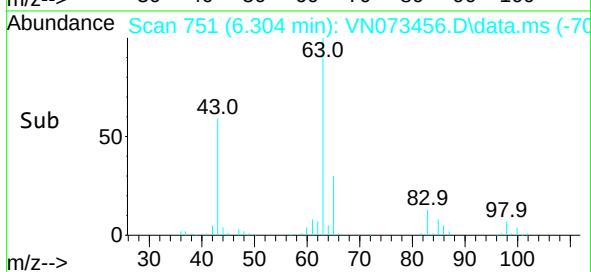
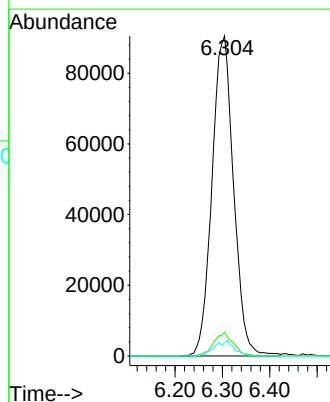
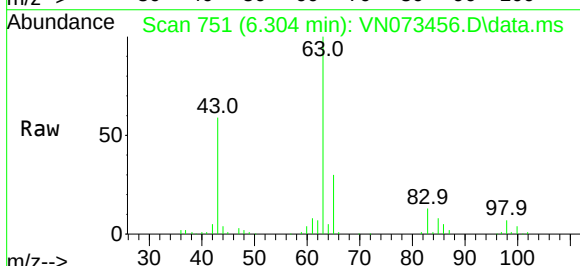
Manual Integrations
 APPROVED

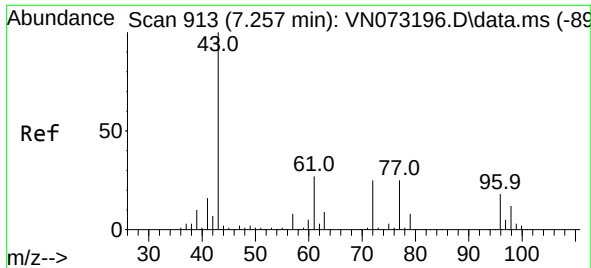
Reviewed By :John Carlone 07/15/2022
 Supervised By :Mahesh Dadoda 07/15/2022



#24
 1,1-Dichloroethane
 Concen: 55.725 ug/l
 RT: 6.304 min Scan# 751
 Delta R.T. 0.000 min
 Lab File: VN073456.D
 Acq: 14 Jul 2022 11:53

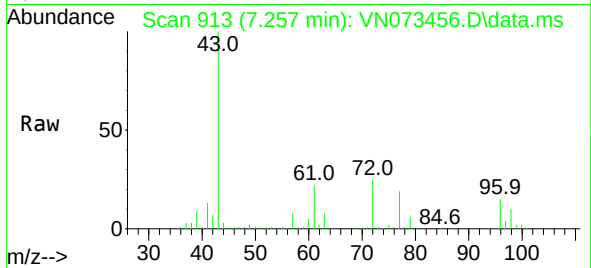
Tgt Ion: 63 Resp: 286869
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.5 10.4
 100 4.1 2.3 6.8





#25
2-Butanone
Concen: 298.066 ug/l
RT: 7.257 min Scan# 913
Delta R.T. 0.000 min
Lab File: VN073456.D
Acq: 14 Jul 2022 11:53

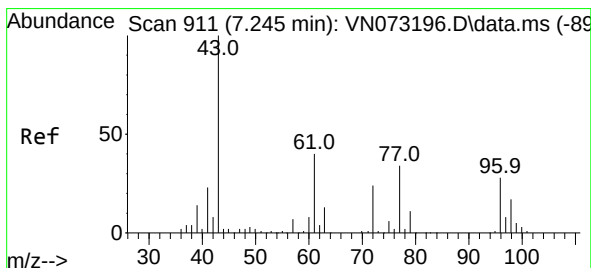
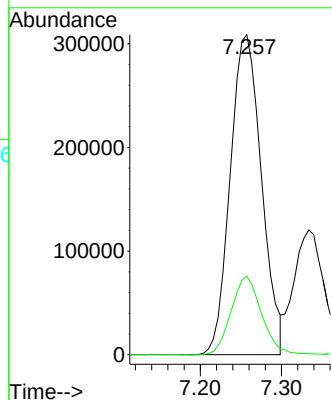
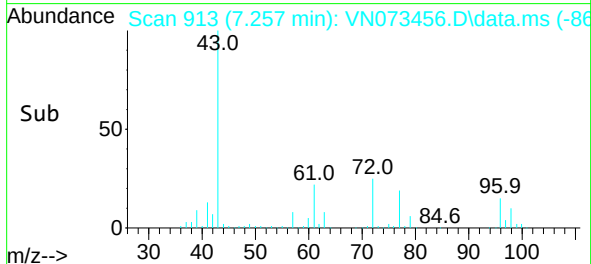
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



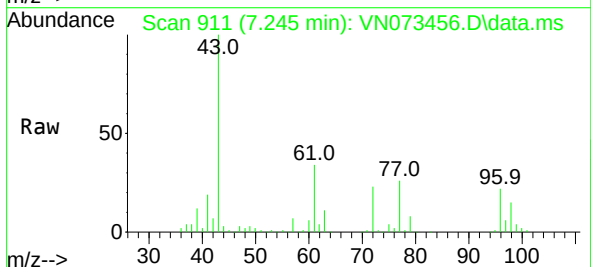
Tgt Ion: 43 Resp: 82664
Ion Ratio Lower Upper
43 100
72 24.6 23.7 35.5

Manual Integrations
APPROVED

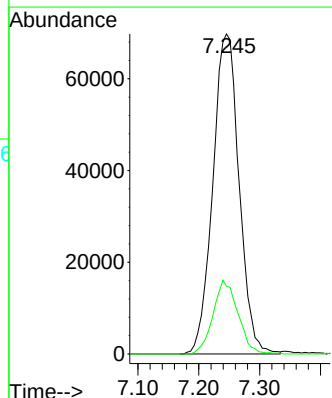
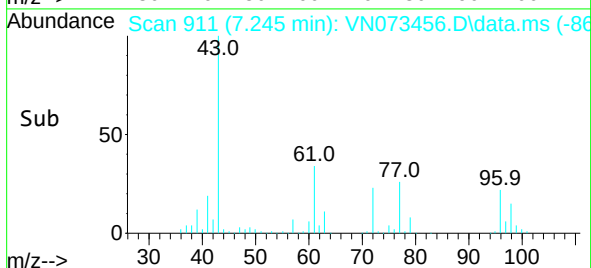
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022

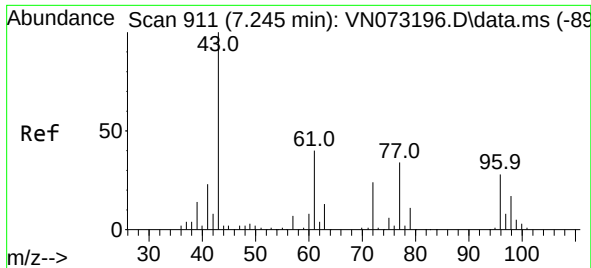


#26
2,2-Dichloropropane
Concen: 43.915 ug/l
RT: 7.245 min Scan# 911
Delta R.T. 0.000 min
Lab File: VN073456.D
Acq: 14 Jul 2022 11:53



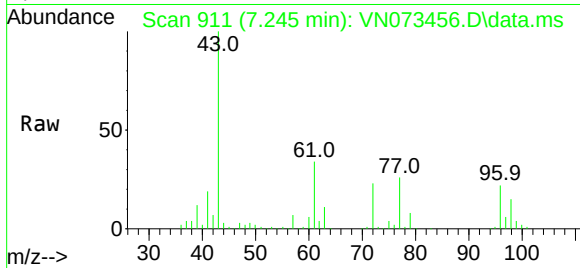
Tgt Ion: 77 Resp: 209085
Ion Ratio Lower Upper
77 100
97 21.9 11.4 34.2





#27
 cis-1,2-Dichloroethene
 Concen: 51.827 ug/l
 RT: 7.245 min Scan# 911
 Delta R.T. 0.000 min
 Lab File: VN073456.D
 Acq: 14 Jul 2022 11:53

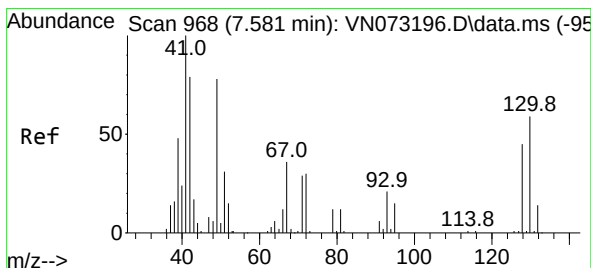
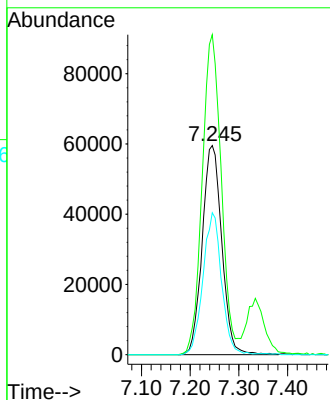
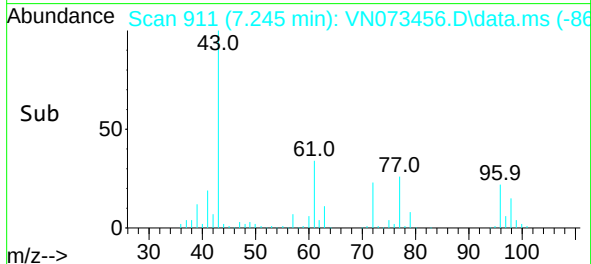
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 165950
 Ion Ratio Lower Upper
 96 100
 61 149.8 0.0 280.6
 98 64.6 0.0 128.4

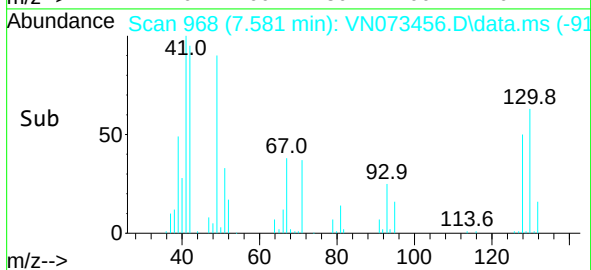
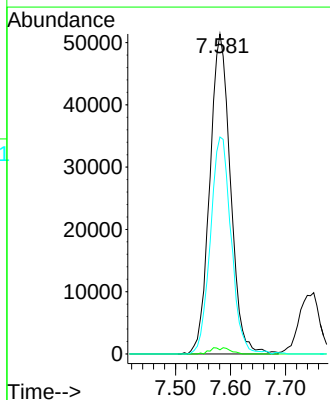
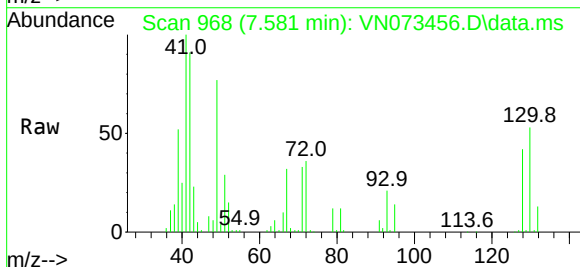
Manual Integrations
 APPROVED

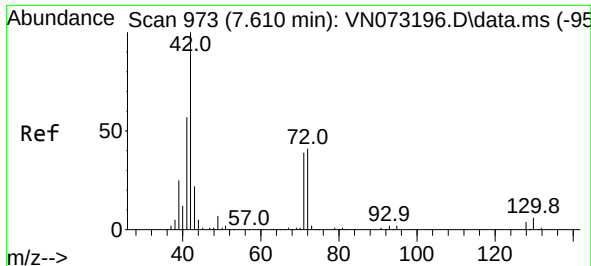
Reviewed By :John Carlone 07/15/2022
 Supervised By :Mahesh Dadoda 07/15/2022



#28
 Bromochloromethane
 Concen: 62.179 ug/l
 RT: 7.581 min Scan# 968
 Delta R.T. -0.000 min
 Lab File: VN073456.D
 Acq: 14 Jul 2022 11:53

Tgt Ion: 49 Resp: 134057
 Ion Ratio Lower Upper
 49 100
 129 1.0 0.0 4.6
 130 68.0 69.7 104.5#





#29

Tetrahydrofuran

Concen: 290.758 ug/l

RT: 7.604 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN073456.D

Acq: 14 Jul 2022 11:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 55214

Ion Ratio Lower Upper

42 100

72 39.1 39.7 59.5

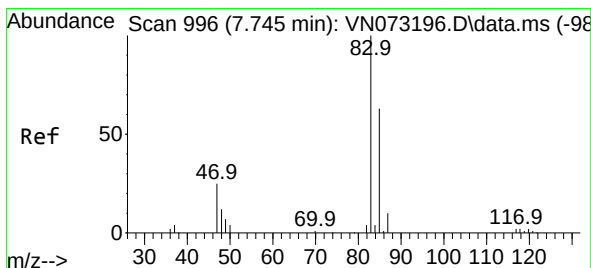
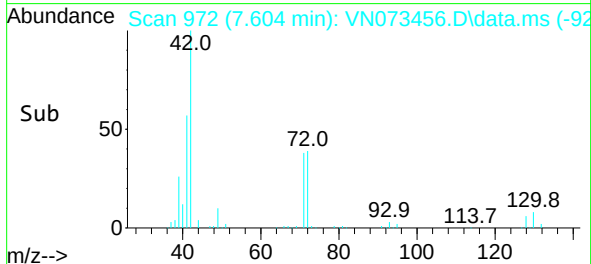
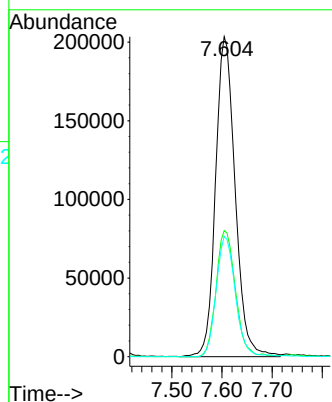
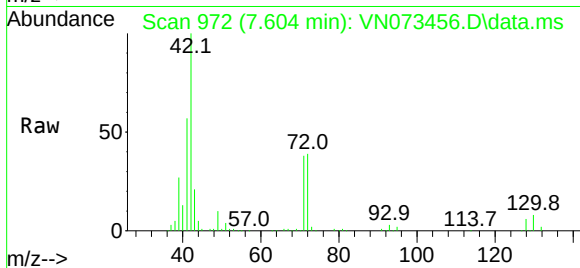
71 36.8 36.6 55.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/15/2022

Supervised By :Mahesh Dadoda 07/15/2022



#30

Chloroform

Concen: 55.571 ug/l

RT: 7.745 min Scan# 996

Delta R.T. 0.000 min

Lab File: VN073456.D

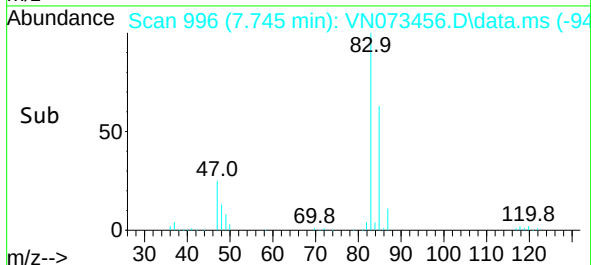
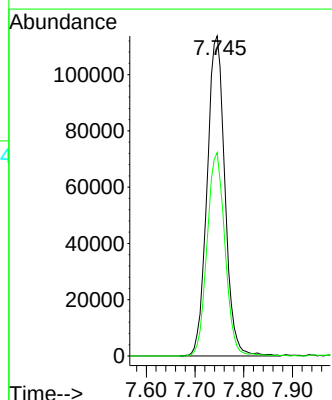
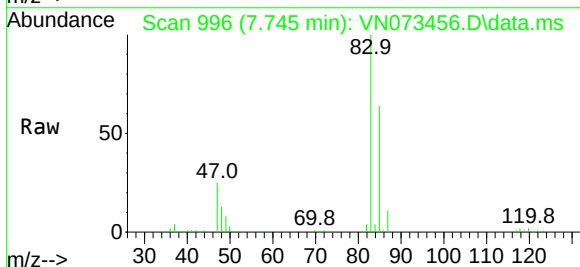
Acq: 14 Jul 2022 11:53

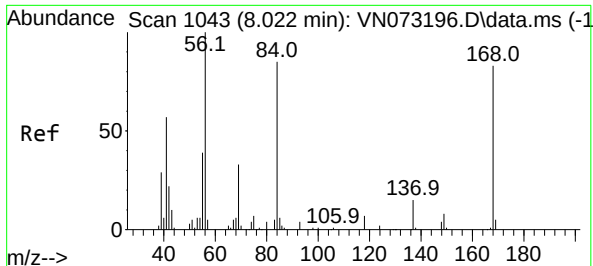
Tgt Ion: 83 Resp: 288132

Ion Ratio Lower Upper

83 100

85 63.6 51.8 77.8





#31

Cyclohexane

Concen: 46.551 ug/l

RT: 8.022 min Scan# 1043

Delta R.T. -0.000 min

Lab File: VN073456.D

Acq: 14 Jul 2022 11:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 236590

Ion Ratio Lower Upper

56 100

69 33.4 27.8 41.8

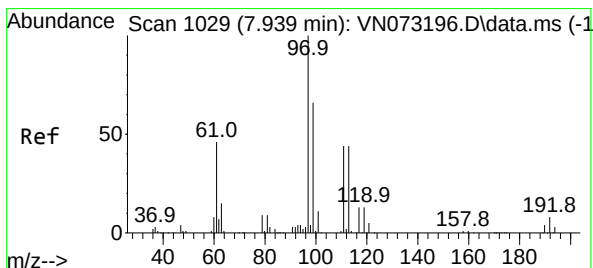
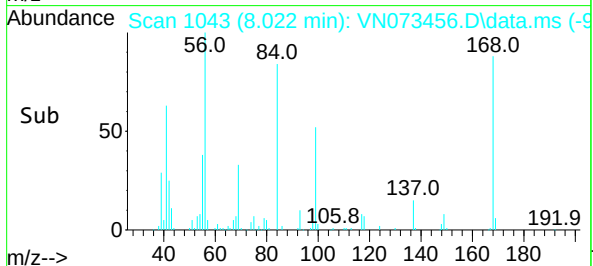
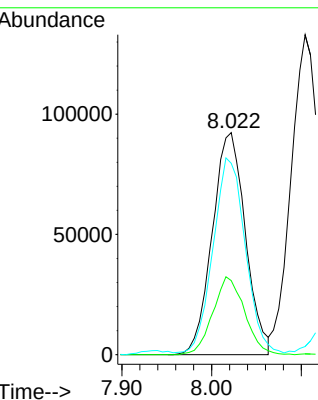
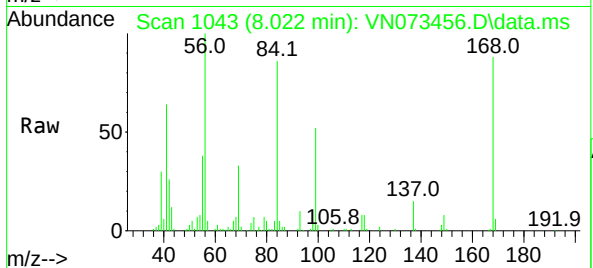
84 84.7 76.9 115.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/15/2022

Supervised By :Mahesh Dadoda 07/15/2022



#32

1,1,1-Trichloroethane

Concen: 52.696 ug/l

RT: 7.939 min Scan# 1029

Delta R.T. 0.000 min

Lab File: VN073456.D

Acq: 14 Jul 2022 11:53

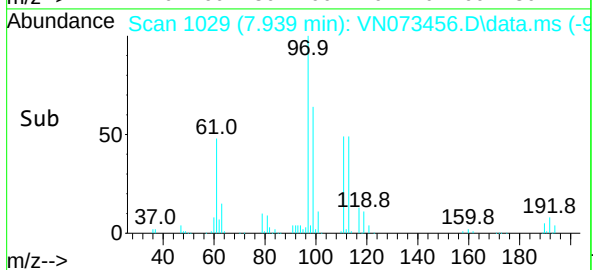
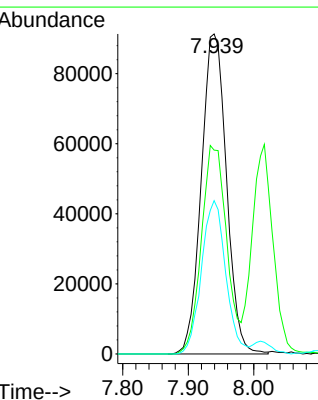
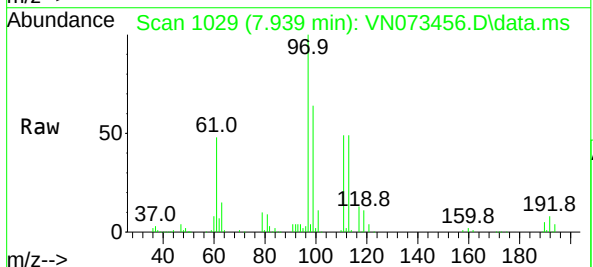
Tgt Ion: 97 Resp: 243491

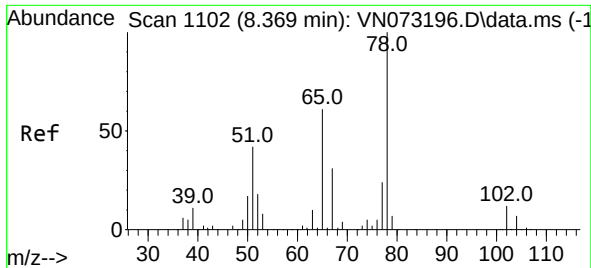
Ion Ratio Lower Upper

97 100

99 65.6 50.6 76.0

61 46.2 36.0 54.0





#33
1,2-Dichloroethane-d4
Concen: 52.116 ug/l
RT: 8.363 min Scan# 1102
Delta R.T. -0.006 min
Lab File: VN073456.D
Acq: 14 Jul 2022 11:53

Instrument :

MSVOA_N

ClientSampleId :

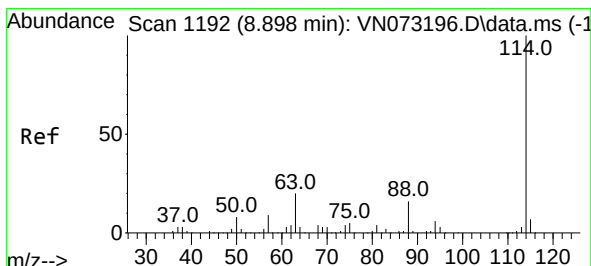
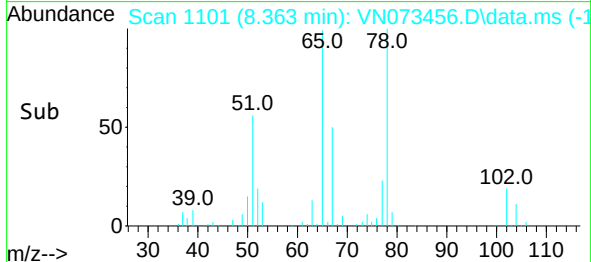
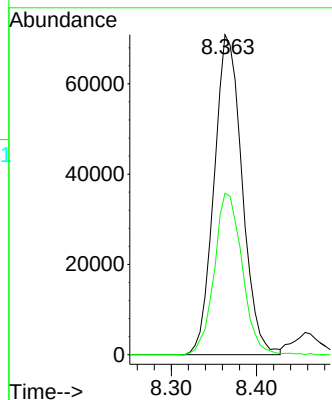
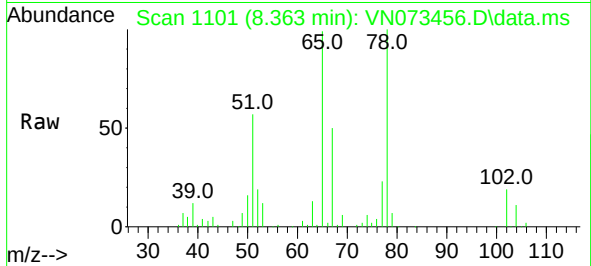
VSTDCCC050

Tgt Ion: 65 Resp: 16173
Ion Ratio Lower Upper
65 100
67 50.3 0.0 104.8

Manual Integrations

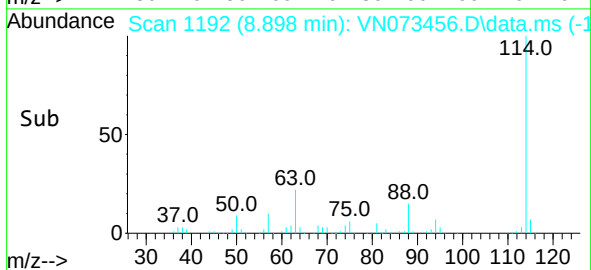
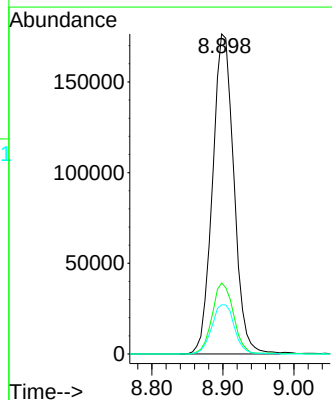
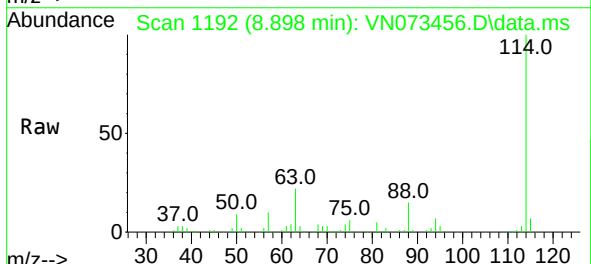
APPROVED

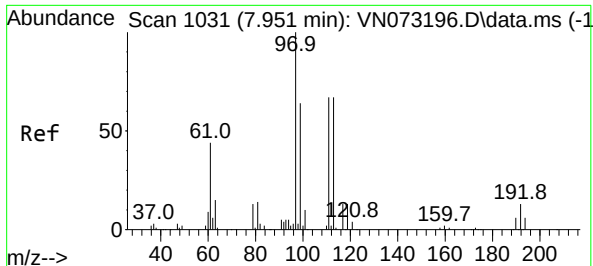
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.898 min Scan# 1192
Delta R.T. 0.000 min
Lab File: VN073456.D
Acq: 14 Jul 2022 11:53

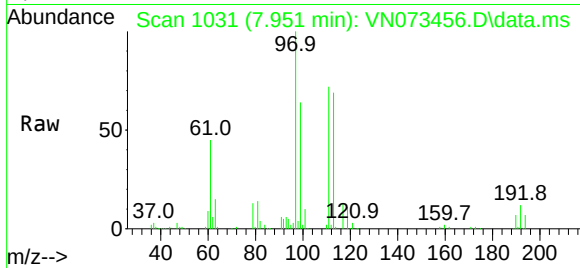
Tgt Ion:114 Resp: 367904
Ion Ratio Lower Upper
114 100
63 22.1 0.0 40.0
88 15.4 0.0 32.6





#35
Dibromofluoromethane
Concen: 51.133 ug/l
RT: 7.951 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VN073456.D
Acq: 14 Jul 2022 11:53

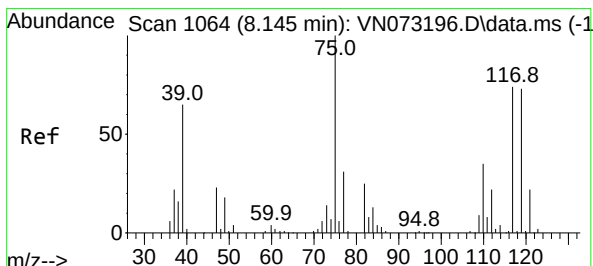
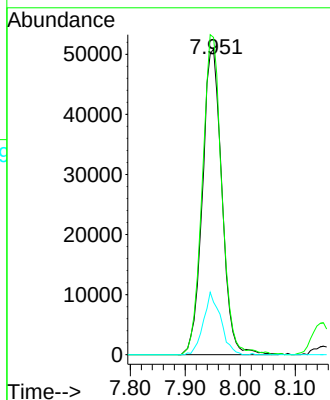
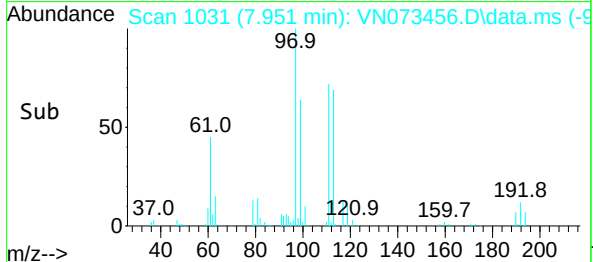
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



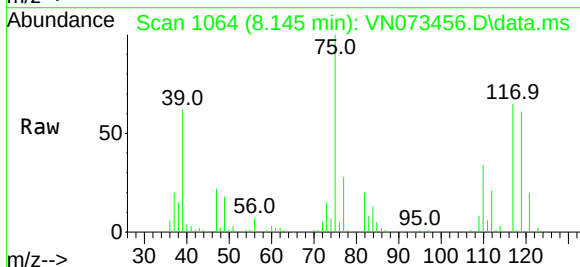
Tgt Ion: 113 Resp: 125160
Ion Ratio Lower Upper
113 100
111 104.6 81.4 122.0
192 18.2 17.0 25.6

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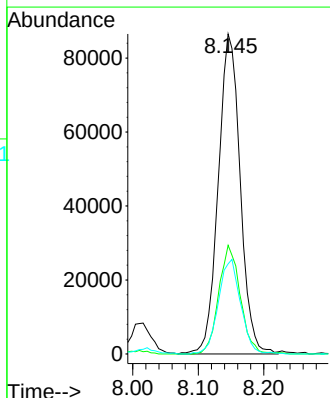
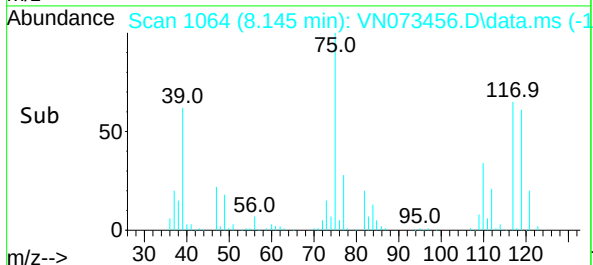
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022

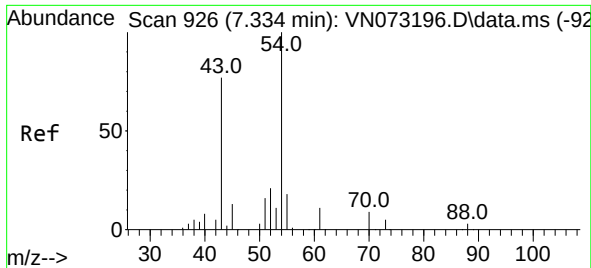


#36
1,1-Dichloropropene
Concen: 53.360 ug/l
RT: 8.145 min Scan# 1064
Delta R.T. 0.000 min
Lab File: VN073456.D
Acq: 14 Jul 2022 11:53



Tgt Ion: 75 Resp: 200970
Ion Ratio Lower Upper
75 100
110 33.4 18.3 54.8
77 30.0 25.1 37.7





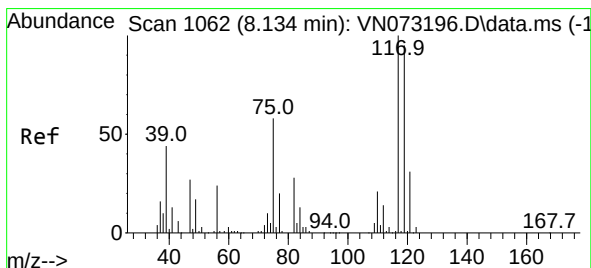
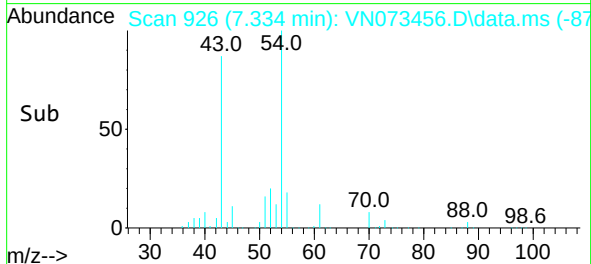
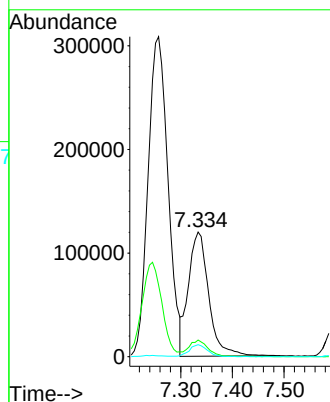
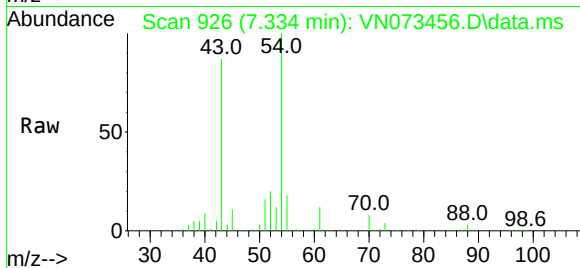
#37
Ethyl Acetate
Concen: 57.607 ug/l
RT: 7.334 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN073456.D
Acq: 14 Jul 2022 11:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 327830
Ion Ratio Lower Upper
43 100
61 11.8 11.8 17.6
70 8.7 9.3 13.9

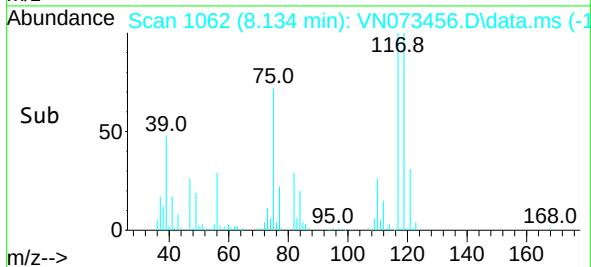
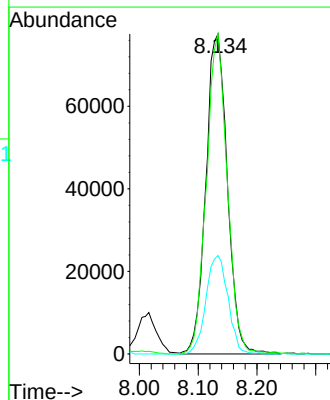
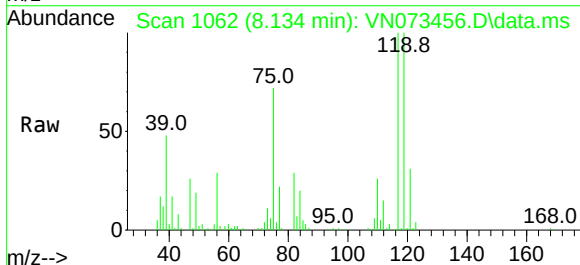
Manual Integrations
APPROVED

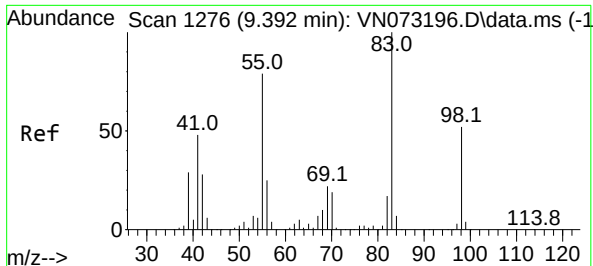
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022



#38
Carbon Tetrachloride
Concen: 50.681 ug/l
RT: 8.134 min Scan# 1062
Delta R.T. -0.000 min
Lab File: VN073456.D
Acq: 14 Jul 2022 11:53

Tgt Ion:117 Resp: 197394
Ion Ratio Lower Upper
117 100
119 100.0 75.8 113.8
121 30.7 24.6 37.0





#39

Methylcyclohexane

Concen: 49.807 ug/l

RT: 9.392 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VN073456.D

Acq: 14 Jul 2022 11:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 23354

Ion Ratio Lower Upper

83 100

55 79.3 57.8 86.8

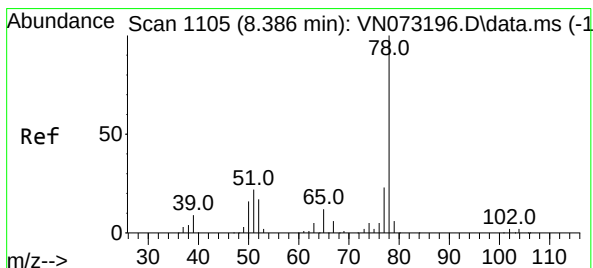
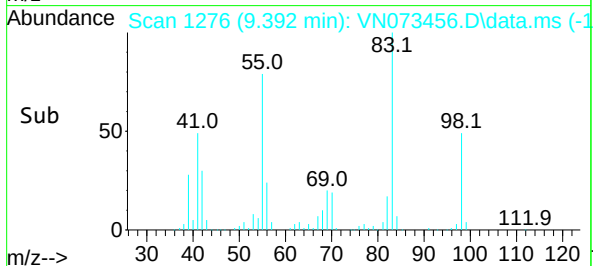
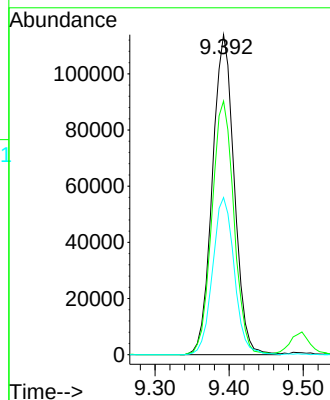
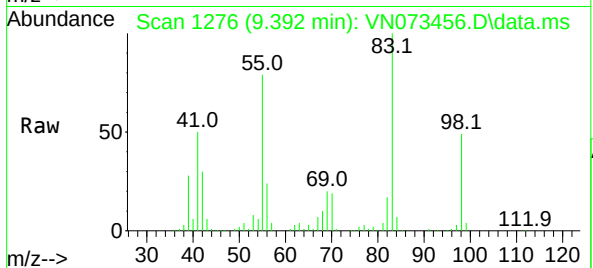
98 49.1 39.4 59.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/15/2022

Supervised By :Mahesh Dadoda 07/15/2022



#40

Benzene

Concen: 52.889 ug/l

RT: 8.387 min Scan# 1105

Delta R.T. 0.001 min

Lab File: VN073456.D

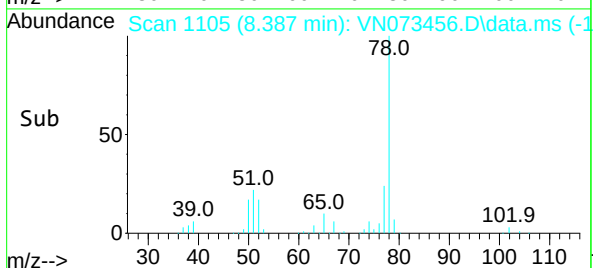
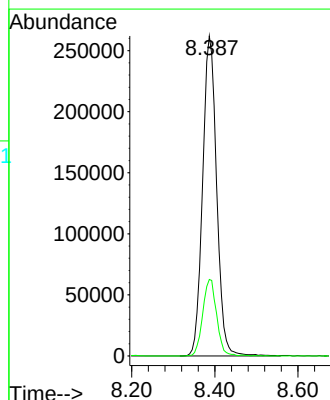
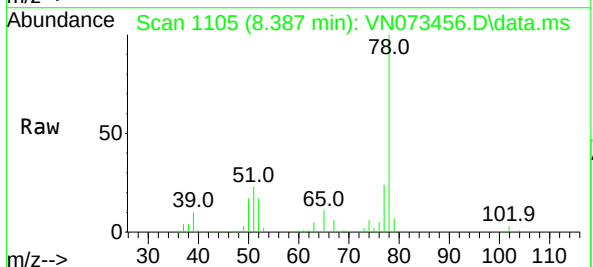
Acq: 14 Jul 2022 11:53

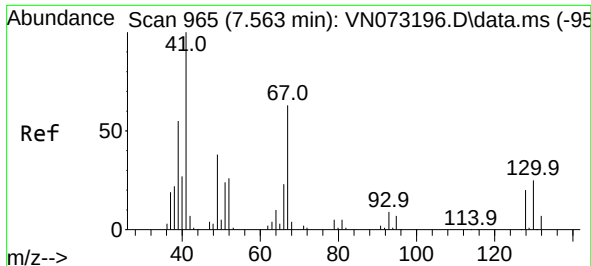
Tgt Ion: 78 Resp: 614748

Ion Ratio Lower Upper

78 100

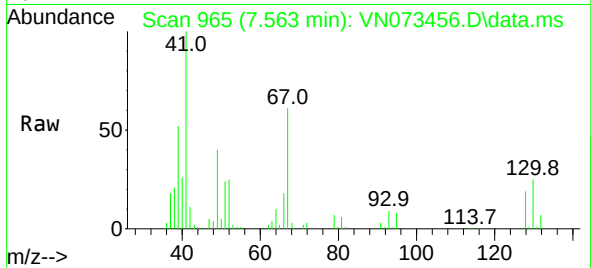
77 23.9 19.4 29.0





#41
Methacrylonitrile
Concen: 57.457 ug/l
RT: 7.563 min Scan# 90
Delta R.T. 0.000 min
Lab File: VN073456.D
Acq: 14 Jul 2022 11:53

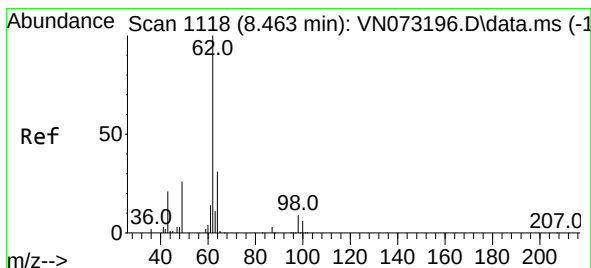
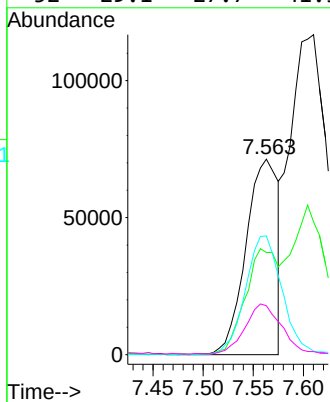
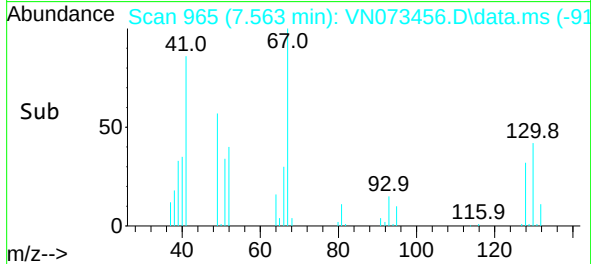
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



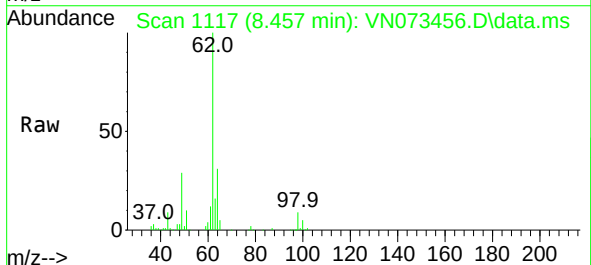
Tgt Ion: 41 Resp: 158578
Ion Ratio Lower Upper
41 100
39 54.4 48.6 73.0
67 70.4 73.4 110.2
52 29.1 27.7 41.5

Manual Integrations
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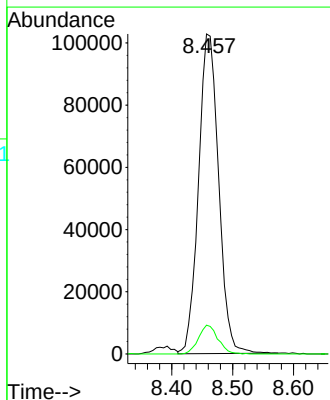
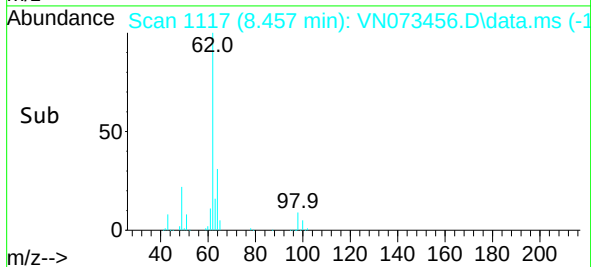
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022

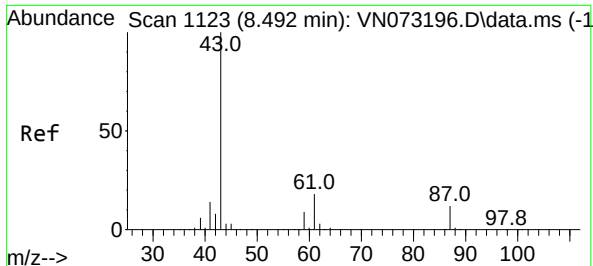


#42
1,2-Dichloroethane
Concen: 56.072 ug/l
RT: 8.457 min Scan# 1117
Delta R.T. -0.006 min
Lab File: VN073456.D
Acq: 14 Jul 2022 11:53



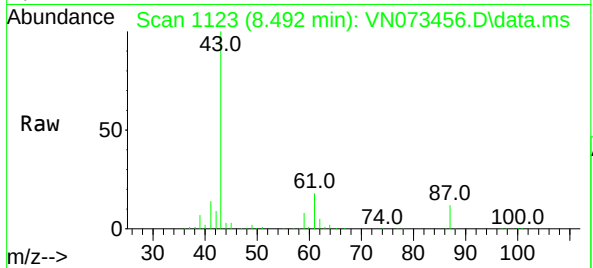
Tgt Ion: 62 Resp: 236254
Ion Ratio Lower Upper
62 100
98 8.7 0.0 19.4





#43
Isopropyl Acetate
Concen: 57.506 ug/l
RT: 8.492 min Scan# 1123
Delta R.T. 0.000 min
Lab File: VN073456.D
Acq: 14 Jul 2022 11:53

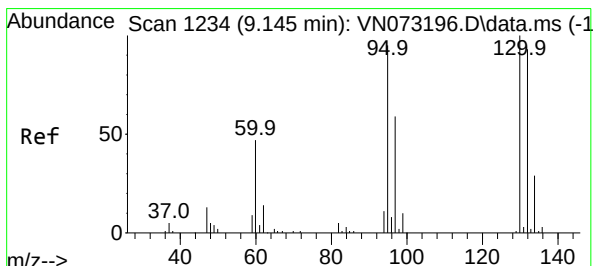
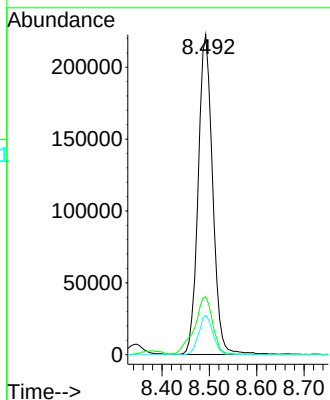
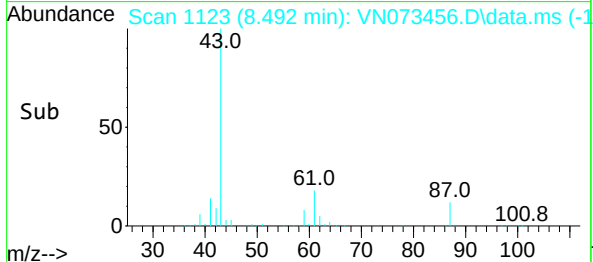
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



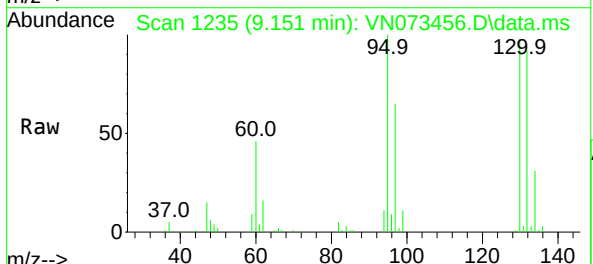
Tgt Ion: 43 Resp: 470319
Ion Ratio Lower Upper
43 100
61 23.2 21.9 32.9
87 12.2 12.0 18.0

Manual Integrations
APPROVED

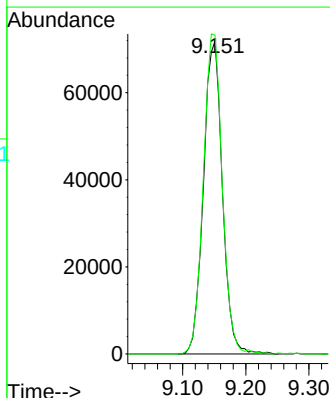
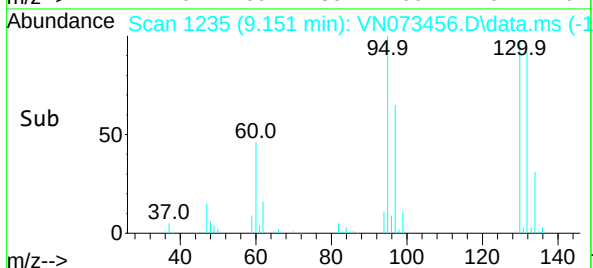
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022

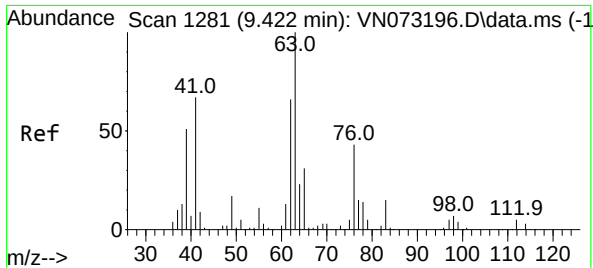


#44
Trichloroethene
Concen: 50.559 ug/l
RT: 9.151 min Scan# 1235
Delta R.T. 0.006 min
Lab File: VN073456.D
Acq: 14 Jul 2022 11:53



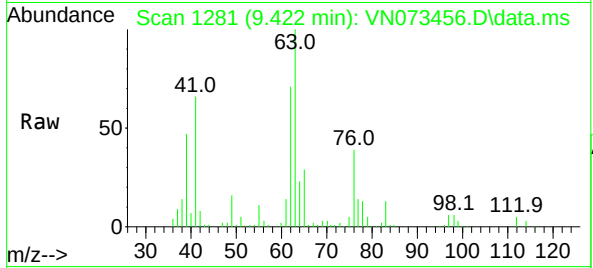
Tgt Ion:130 Resp: 149550
Ion Ratio Lower Upper
130 100
95 102.0 0.0 186.8





#45
1,2-Dichloropropane
Concen: 56.074 ug/l
RT: 9.422 min Scan# 1281
Delta R.T. -0.000 min
Lab File: VN073456.D
Acq: 14 Jul 2022 11:53

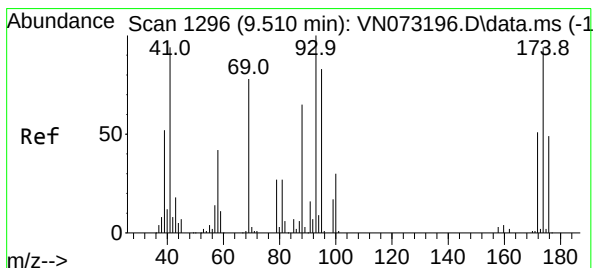
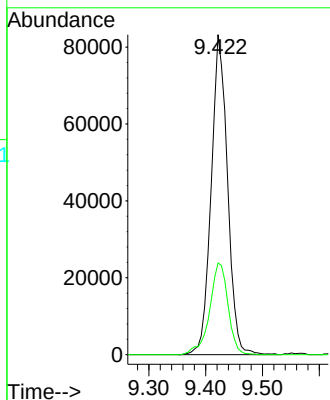
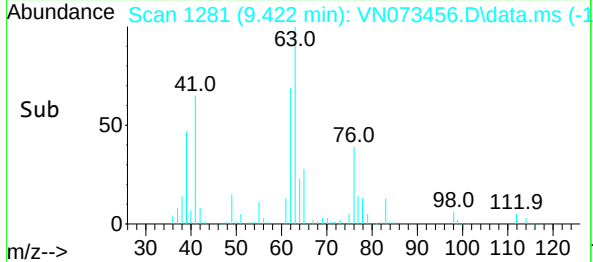
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



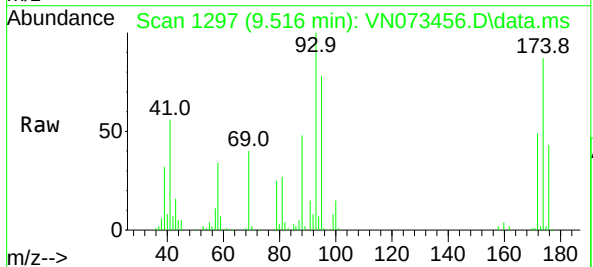
Tgt Ion: 63 Resp: 166124
Ion Ratio Lower Upper
63 100
65 28.6 24.9 37.3

Manual Integrations
APPROVED

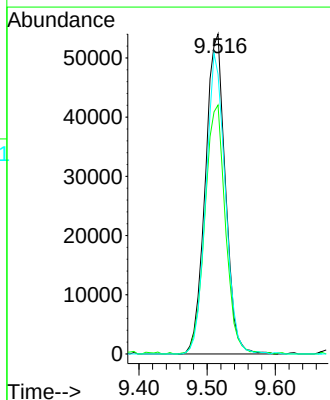
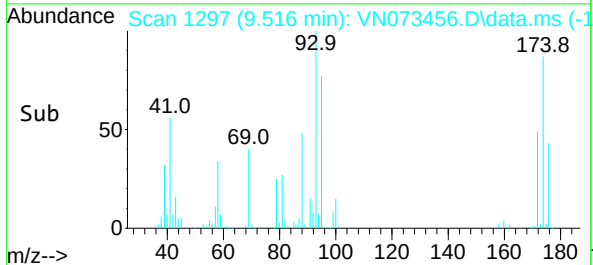
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022

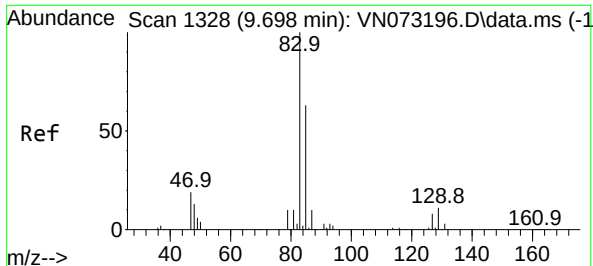


#46
Dibromomethane
Concen: 54.956 ug/l
RT: 9.516 min Scan# 1297
Delta R.T. 0.006 min
Lab File: VN073456.D
Acq: 14 Jul 2022 11:53



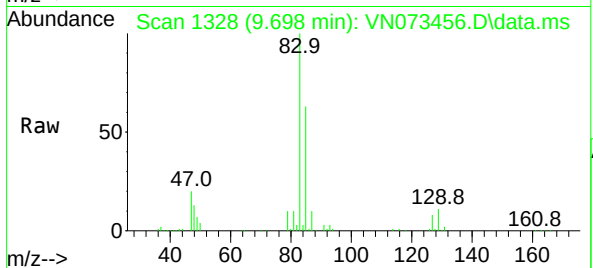
Tgt Ion: 93 Resp: 110547
Ion Ratio Lower Upper
93 100
95 79.8 66.9 100.3
174 91.0 86.6 130.0





#47
Bromodichloromethane
Concen: 57.511 ug/l
RT: 9.698 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN073456.D
Acq: 14 Jul 2022 11:53

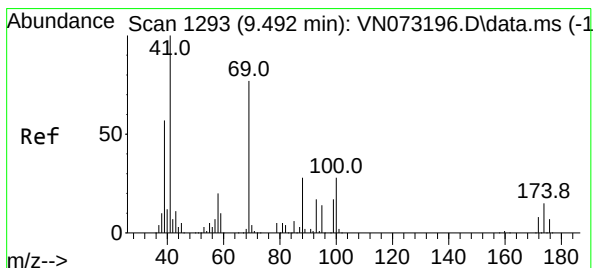
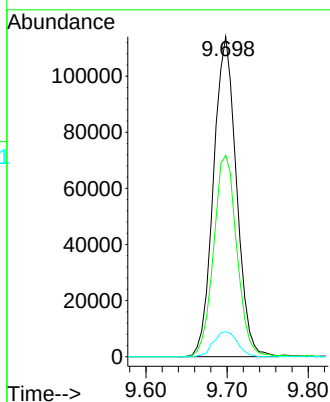
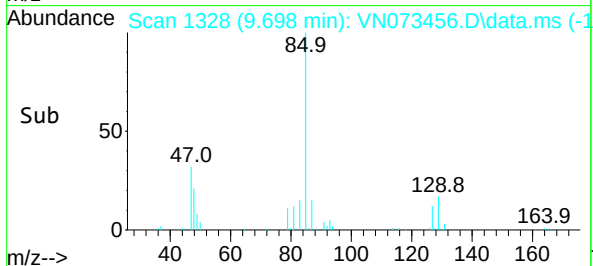
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



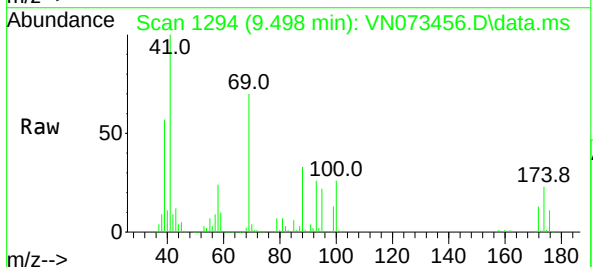
Tgt Ion: 83 Resp: 22406
Ion Ratio Lower Upper
83 100
85 62.9 50.5 75.7
127 7.8 6.8 10.2

Manual Integrations
APPROVED

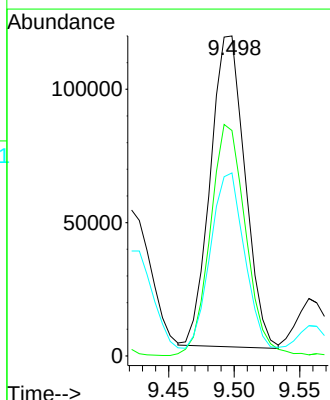
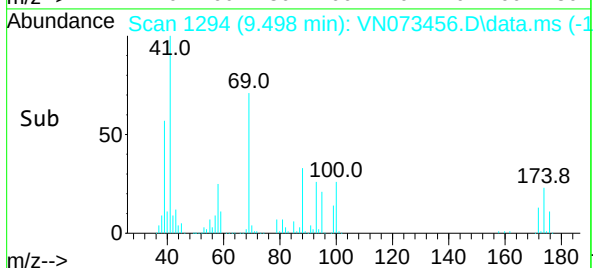
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022

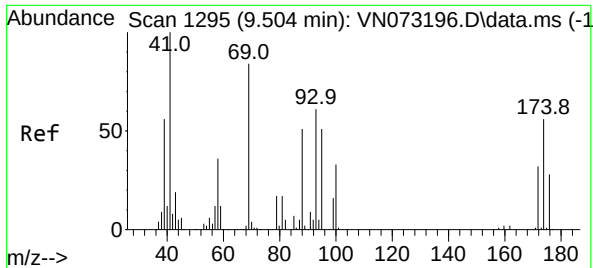


#48
Methyl methacrylate
Concen: 56.532 ug/l
RT: 9.498 min Scan# 1294
Delta R.T. 0.006 min
Lab File: VN073456.D
Acq: 14 Jul 2022 11:53



Tgt Ion: 41 Resp: 214077
Ion Ratio Lower Upper
41 100
69 76.2 74.7 112.1
39 60.2 45.6 68.4





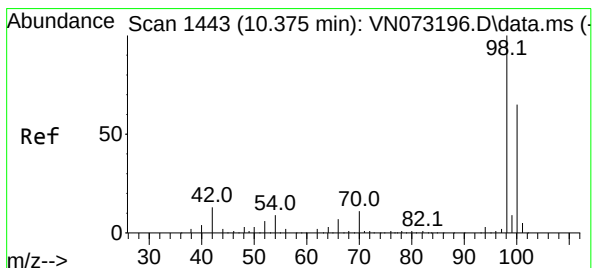
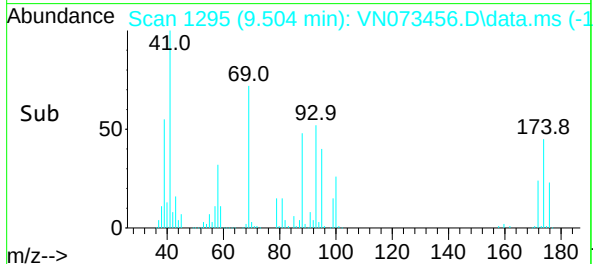
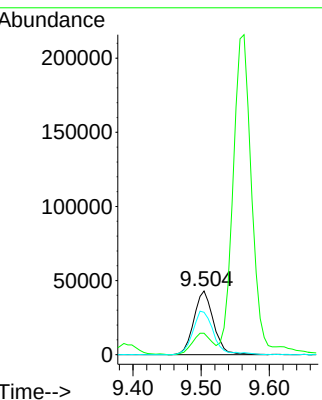
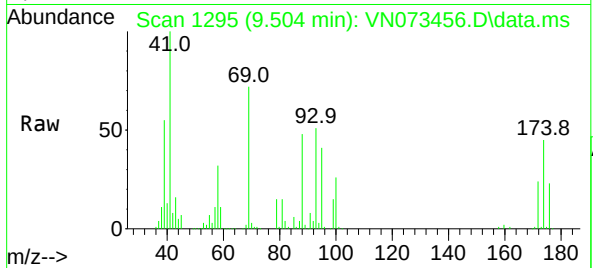
#49
1,4-Dioxane
Concen: 1198.598 ug/l
RT: 9.504 min Scan# 1295
Delta R.T. 0.000 min
Lab File: VN073456.D
Acq: 14 Jul 2022 11:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 88 Resp: 8616
Ion Ratio Lower Upper
88 100
43 33.6 20.2 30.4
58 72.5 54.2 81.4

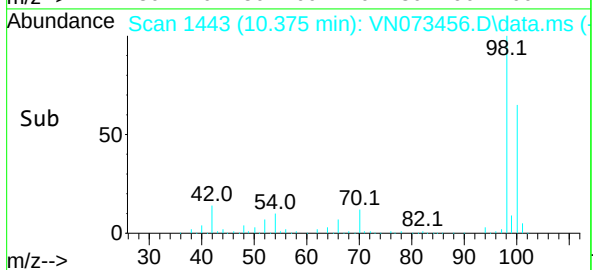
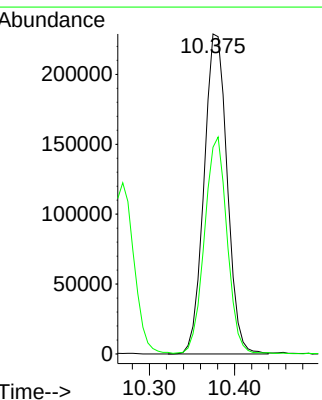
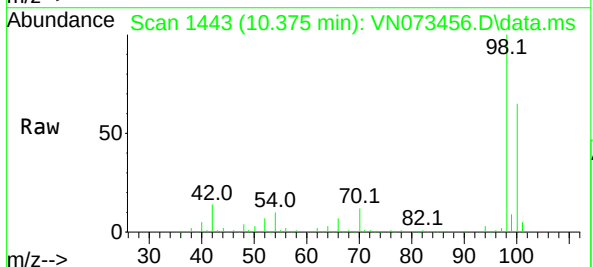
Manual Integrations
APPROVED

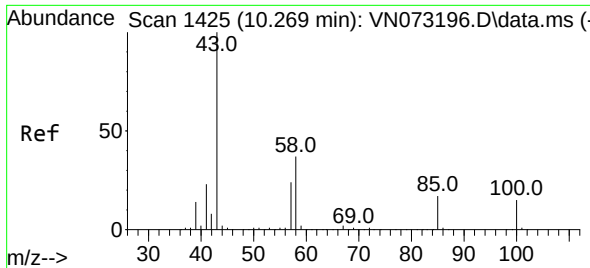
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022



#50
Toluene-d8
Concen: 49.722 ug/l
RT: 10.375 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN073456.D
Acq: 14 Jul 2022 11:53

Tgt Ion: 98 Resp: 432259
Ion Ratio Lower Upper
98 100
100 66.2 52.6 78.8





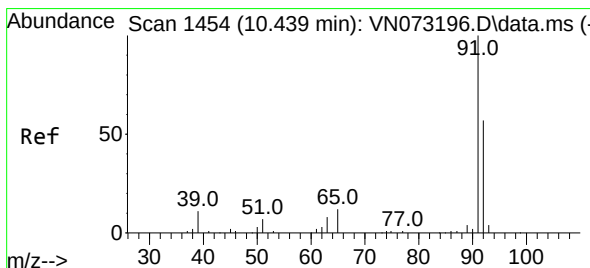
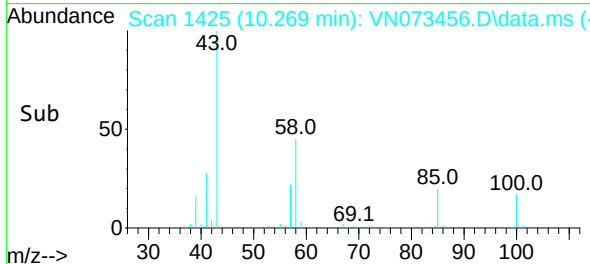
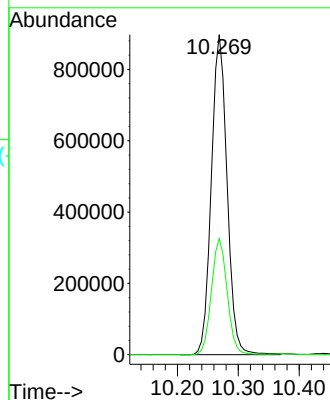
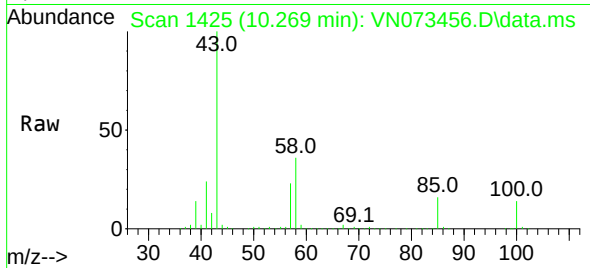
#51
4-Methyl-2-Pentanone
Concen: 310.525 ug/l
RT: 10.269 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VN073456.D
Acq: 14 Jul 2022 11:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 161054
Ion Ratio Lower Upper
43 100
58 36.3 34.1 51.1

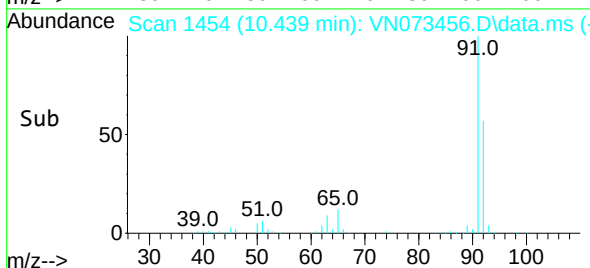
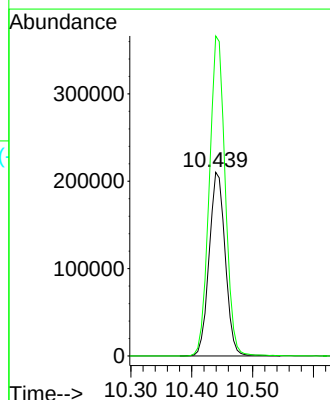
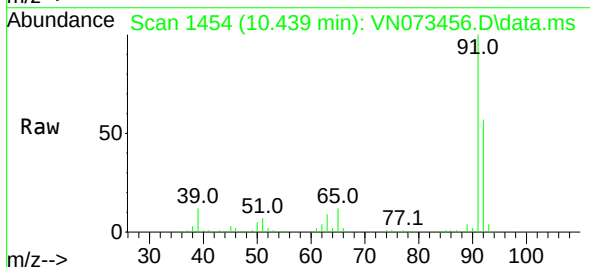
Manual Integrations
APPROVED

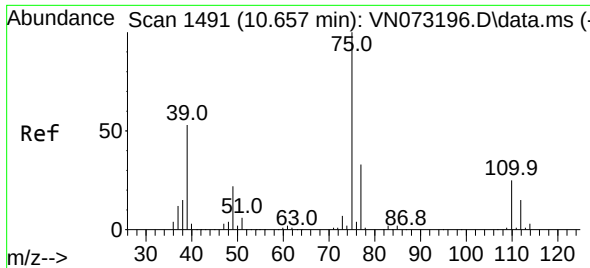
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022



#52
Toluene
Concen: 53.658 ug/l
RT: 10.439 min Scan# 1454
Delta R.T. 0.000 min
Lab File: VN073456.D
Acq: 14 Jul 2022 11:53

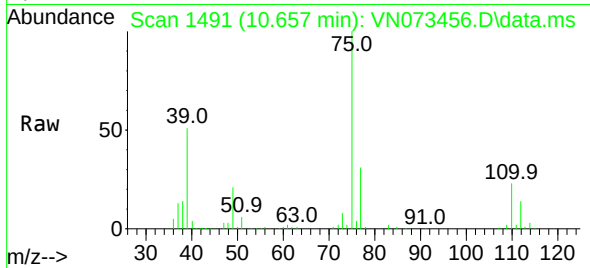
Tgt Ion: 92 Resp: 385442
Ion Ratio Lower Upper
92 100
91 172.4 138.6 207.8





#53
 t-1,3-Dichloropropene
 Concen: 54.544 ug/l
 RT: 10.657 min Scan# 1491
 Delta R.T. -0.000 min
 Lab File: VN073456.D
 Acq: 14 Jul 2022 11:53

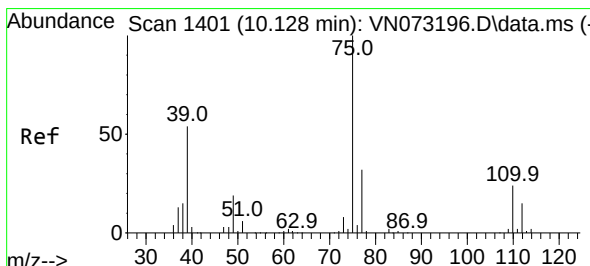
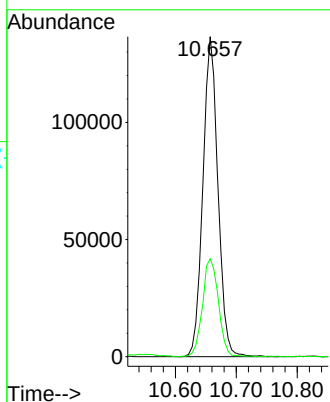
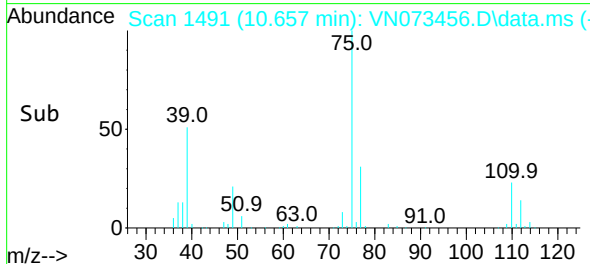
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



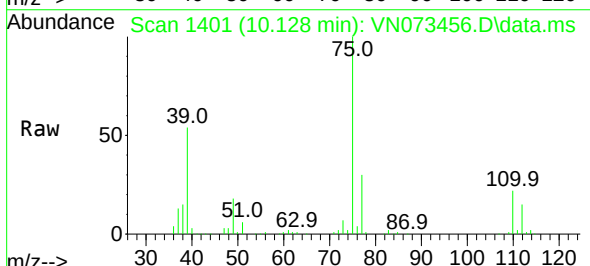
Tgt Ion: 75 Resp: 233938
 Ion Ratio Lower Upper
 75 100
 77 30.6 25.6 38.4

Manual Integrations
 APPROVED

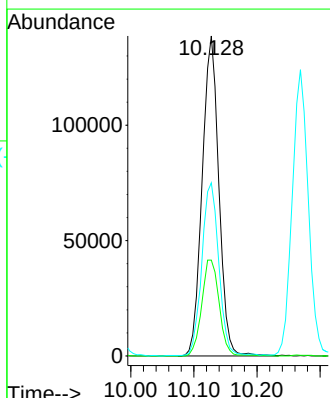
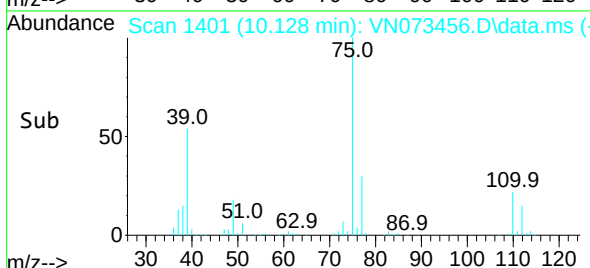
Reviewed By :John Carlone 07/15/2022
 Supervised By :Mahesh Dadoda 07/15/2022

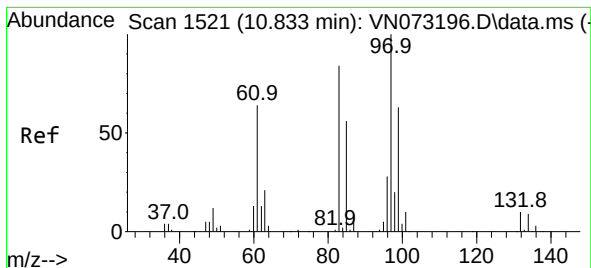


#54
 cis-1,3-Dichloropropene
 Concen: 54.919 ug/l
 RT: 10.128 min Scan# 1401
 Delta R.T. -0.000 min
 Lab File: VN073456.D
 Acq: 14 Jul 2022 11:53



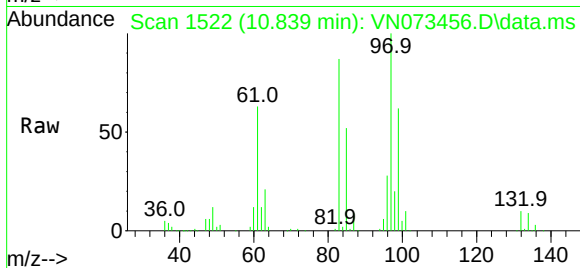
Tgt Ion: 75 Resp: 254294
 Ion Ratio Lower Upper
 75 100
 77 30.0 25.2 37.8
 39 54.0 35.7 53.5#





#55
1,1,2-Trichloroethane
Concen: 55.001 ug/l
RT: 10.839 min Scan# 1521
Delta R.T. 0.006 min
Lab File: VN073456.D
Acq: 14 Jul 2022 11:53

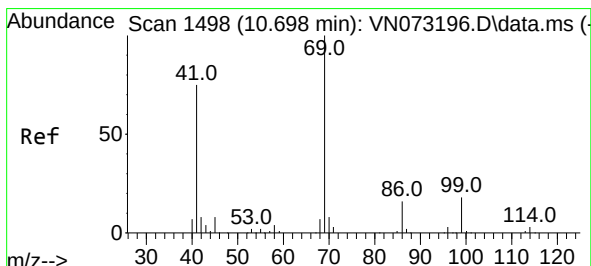
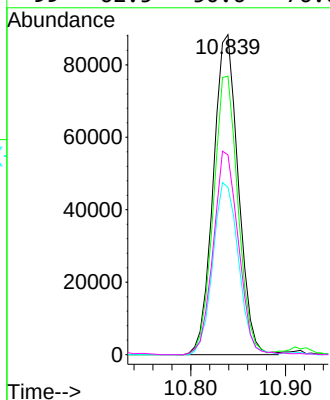
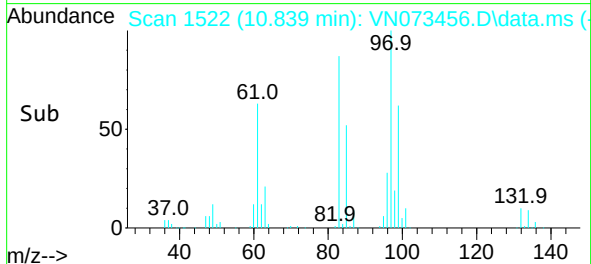
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



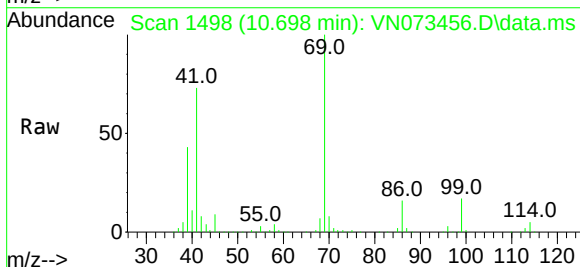
Tgt Ion: 97 Resp: 16265
Ion Ratio Lower Upper
97 100
83 87.0 66.2 99.4
85 52.3 43.9 65.9
99 62.5 50.6 76.0

Manual Integrations
APPROVED

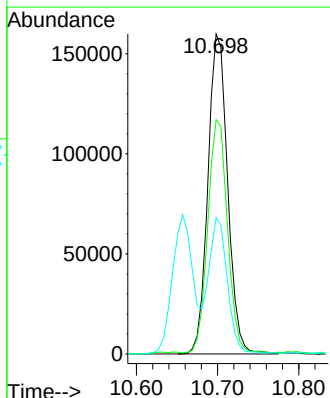
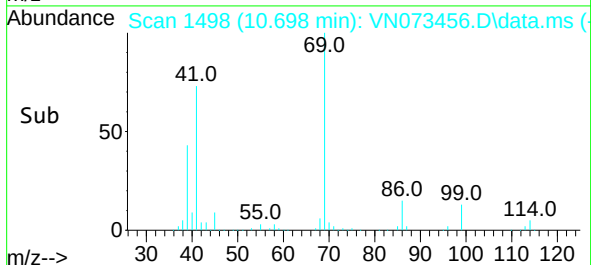
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022

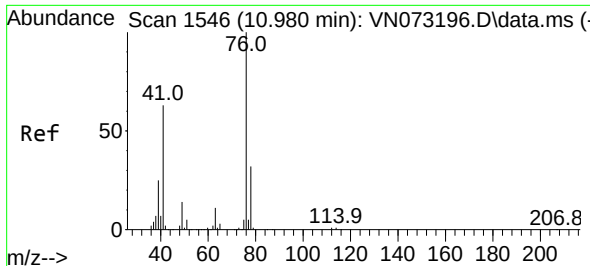


#56
Ethyl methacrylate
Concen: 56.366 ug/l
RT: 10.698 min Scan# 1498
Delta R.T. 0.000 min
Lab File: VN073456.D
Acq: 14 Jul 2022 11:53



Tgt Ion: 69 Resp: 269421
Ion Ratio Lower Upper
69 100
41 72.6 47.8 71.6#
39 39.6 27.3 40.9





#57

1,3-Dichloropropane

Concen: 55.427 ug/l

RT: 10.980 min Scan# 1546

Delta R.T. 0.000 min

Lab File: VN073456.D

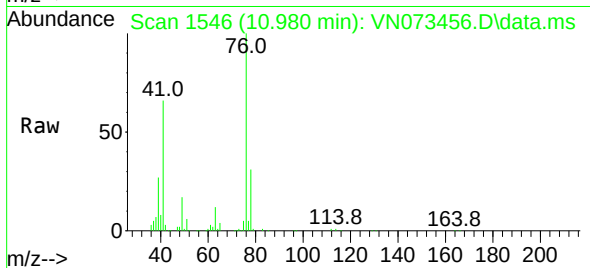
Acq: 14 Jul 2022 11:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



Tgt Ion: 76 Resp: 280980

Ion Ratio Lower Upper

76 100

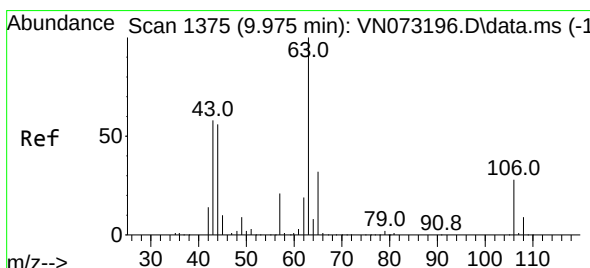
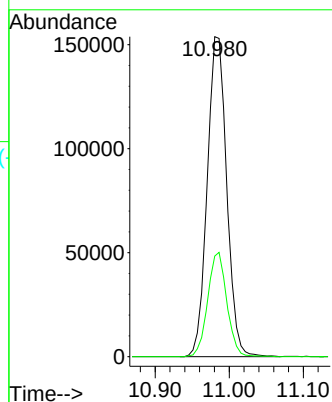
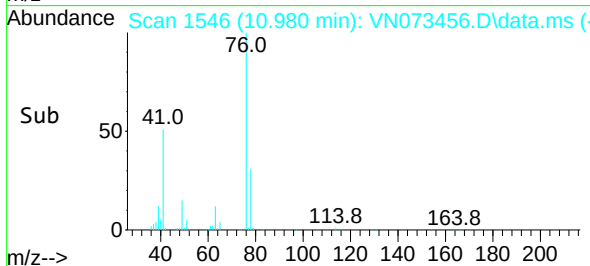
78 32.0 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/15/2022

Supervised By :Mahesh Dadoda 07/15/2022



#58

2-Chloroethyl Vinyl ether

Concen: 292.294 ug/l

RT: 9.981 min Scan# 1376

Delta R.T. 0.006 min

Lab File: VN073456.D

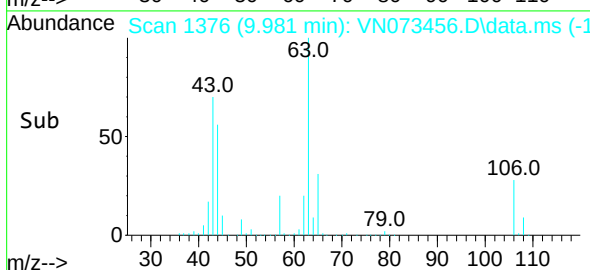
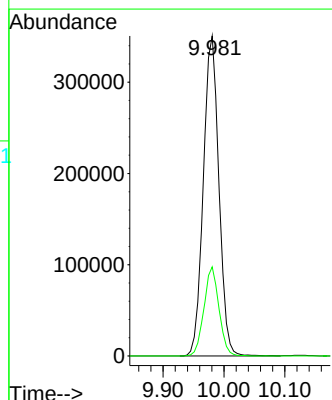
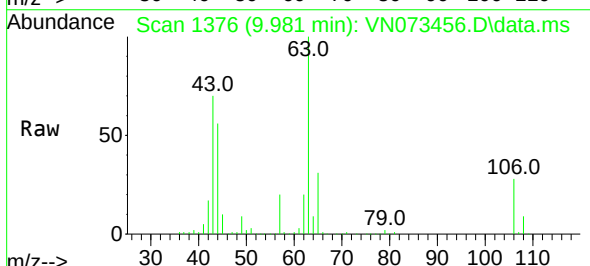
Acq: 14 Jul 2022 11:53

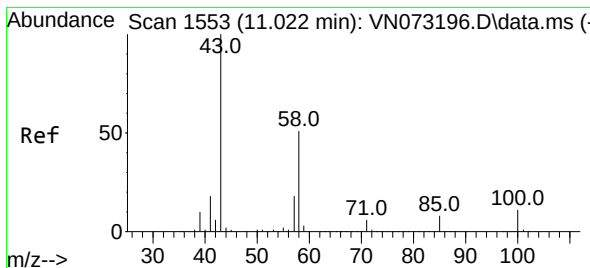
Tgt Ion: 63 Resp: 623087

Ion Ratio Lower Upper

63 100

106 26.9 24.6 36.8





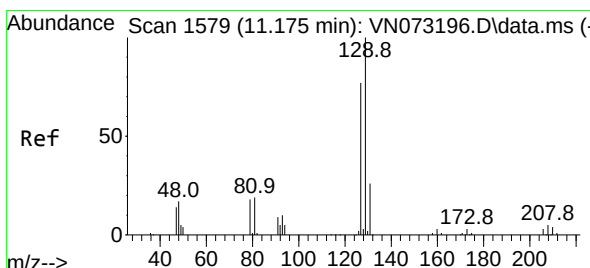
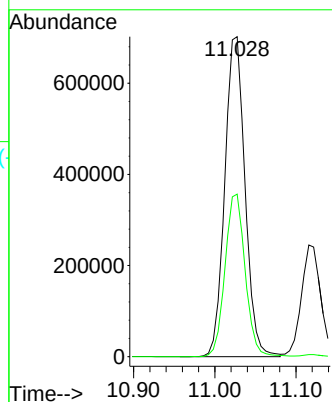
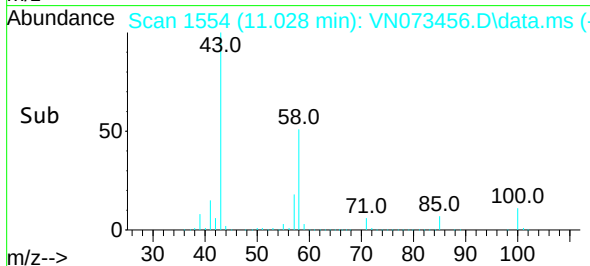
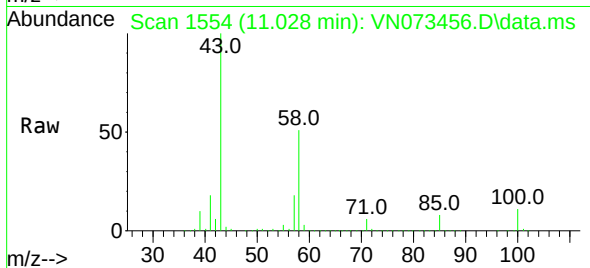
#59
2-Hexanone
Concen: 308.536 ug/l
RT: 11.028 min Scan# 1553
Delta R.T. 0.006 min
Lab File: VN073456.D
Acq: 14 Jul 2022 11:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 1219810
Ion Ratio Lower Upper
43 100
58 50.4 29.7 89.1

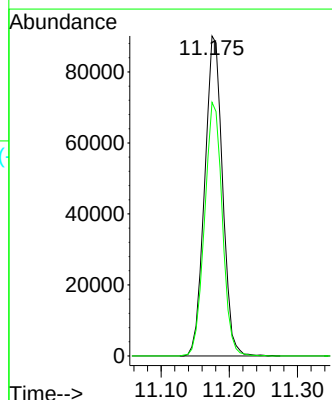
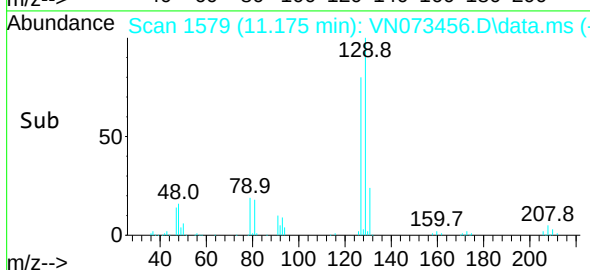
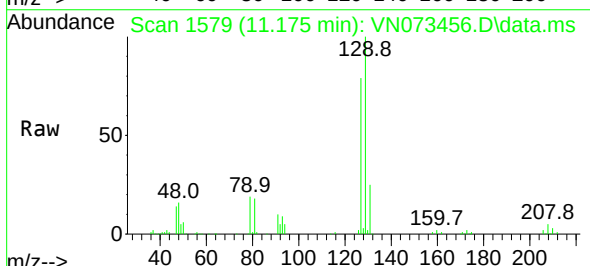
Manual Integrations
APPROVED

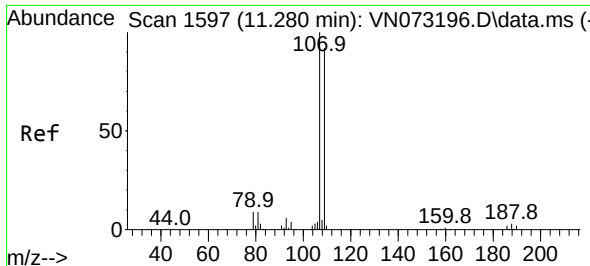
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022



#60
Dibromochloromethane
Concen: 58.187 ug/l
RT: 11.175 min Scan# 1579
Delta R.T. -0.000 min
Lab File: VN073456.D
Acq: 14 Jul 2022 11:53

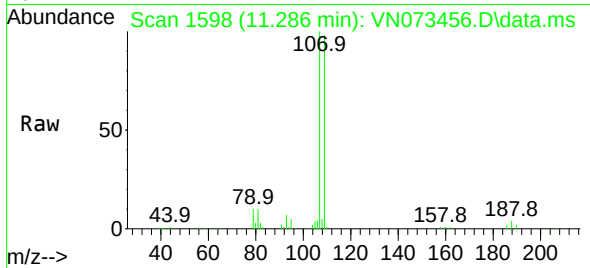
Tgt Ion:129 Resp: 164058
Ion Ratio Lower Upper
129 100
127 78.7 38.8 116.4





#61
1,2-Dibromoethane
Concen: 55.535 ug/l
RT: 11.286 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN073456.D
Acq: 14 Jul 2022 11:53

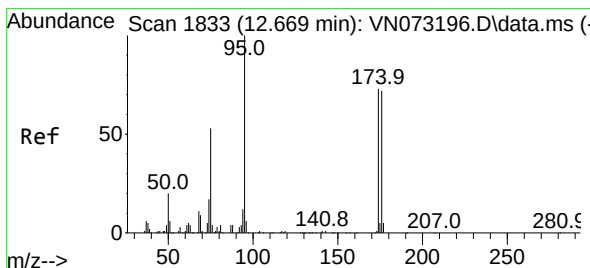
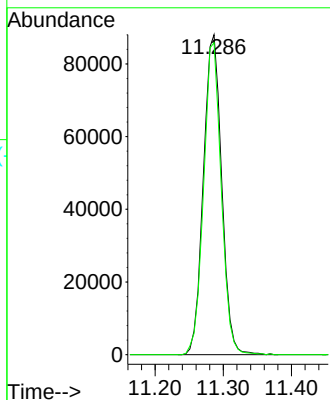
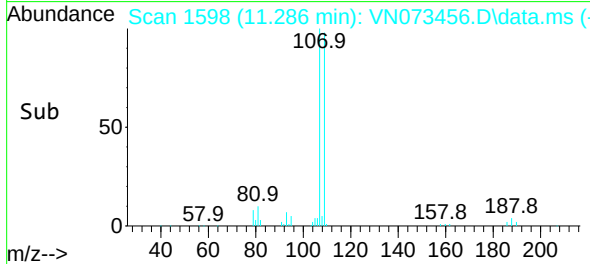
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:107 Resp: 164038
Ion Ratio Lower Upper
107 100
109 94.2 75.0 112.6

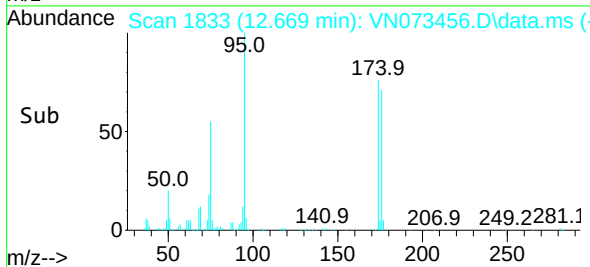
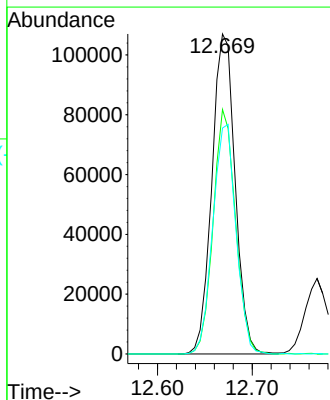
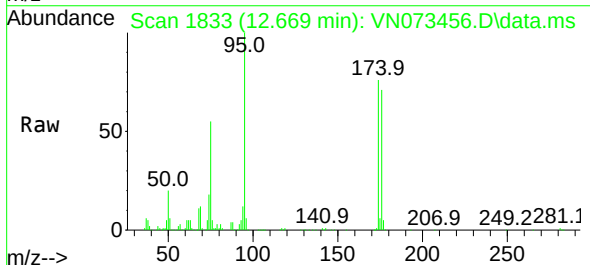
Manual Integrations
APPROVED

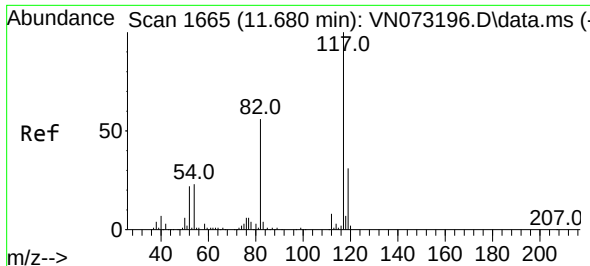
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022



#62
4-Bromofluorobenzene
Concen: 54.567 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN073456.D
Acq: 14 Jul 2022 11:53

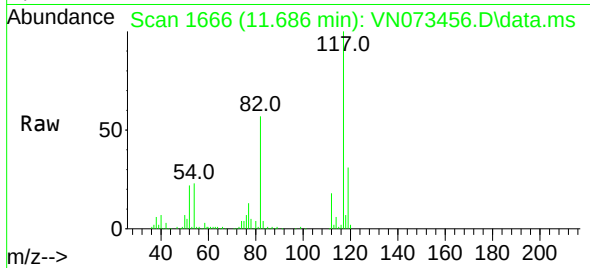
Tgt Ion: 95 Resp: 182301
Ion Ratio Lower Upper
95 100
174 73.4 0.0 167.6
176 71.6 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 11666
Delta R.T. 0.006 min
Lab File: VN073456.D
Acq: 14 Jul 2022 11:53

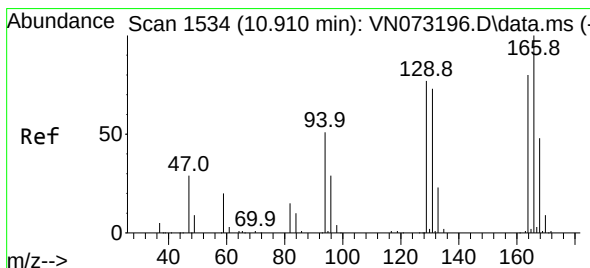
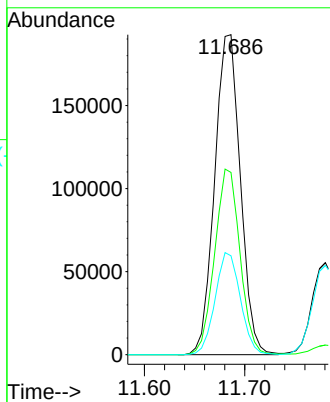
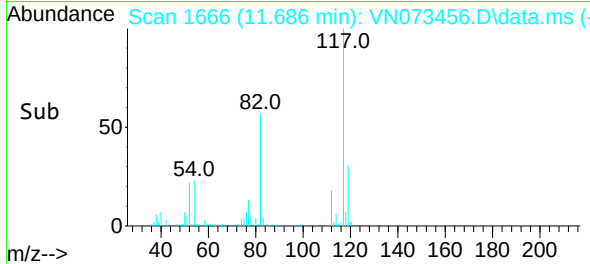
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



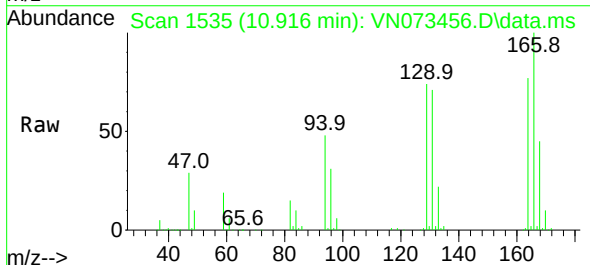
Tgt Ion:117 Resp: 343264
Ion Ratio Lower Upper
117 100
82 57.0 44.2 66.2
119 30.9 25.4 38.0

Manual Integrations
APPROVED

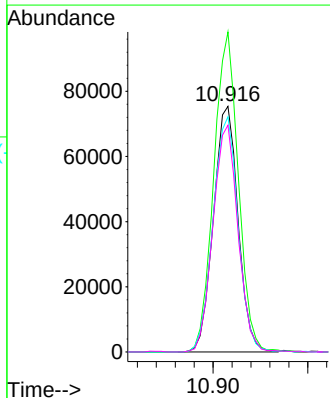
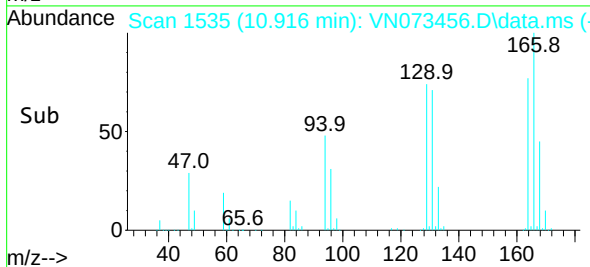
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022

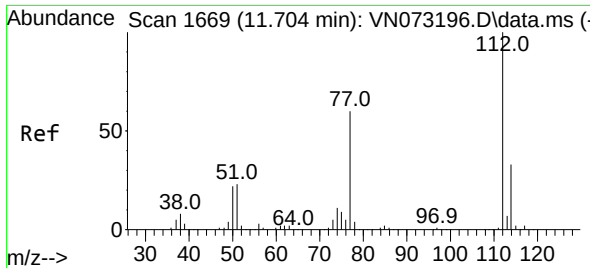


#64
Tetrachloroethene
Concen: 48.523 ug/l
RT: 10.916 min Scan# 1535
Delta R.T. 0.006 min
Lab File: VN073456.D
Acq: 14 Jul 2022 11:53



Tgt Ion:164 Resp: 136011
Ion Ratio Lower Upper
164 100
166 130.3 104.2 156.2
129 95.8 73.9 110.9
131 92.3 69.4 104.2





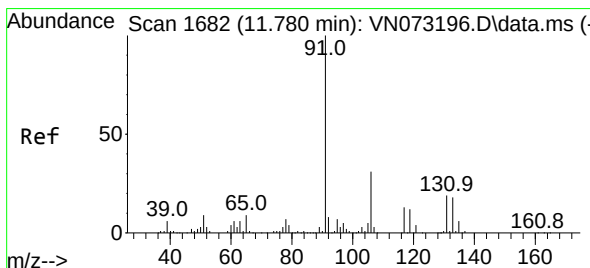
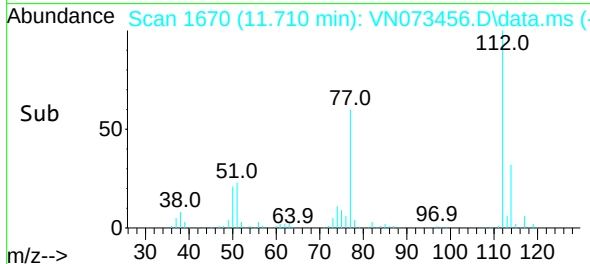
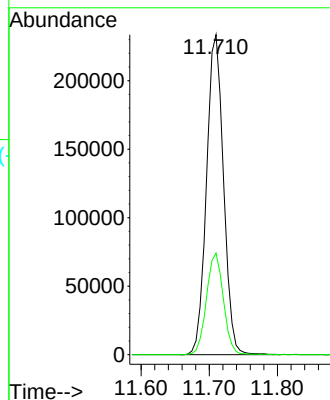
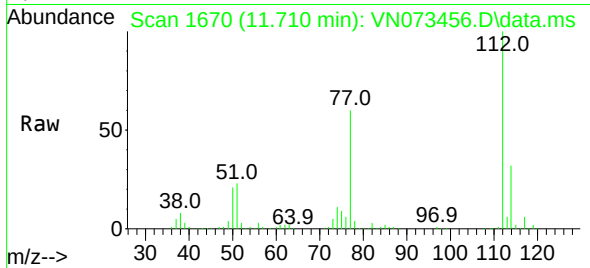
#65
Chlorobenzene
Concen: 52.140 ug/l
RT: 11.710 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN073456.D
Acq: 14 Jul 2022 11:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 404784
Ion Ratio Lower Upper
112 100
114 31.7 25.4 38.2

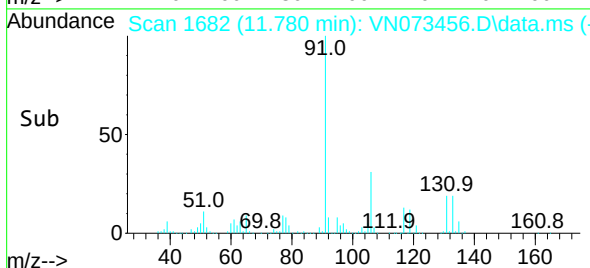
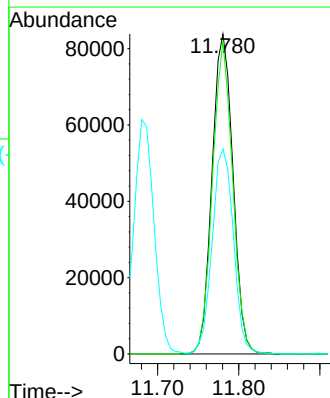
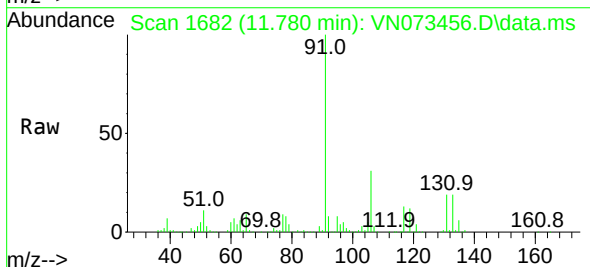
Manual Integrations
APPROVED

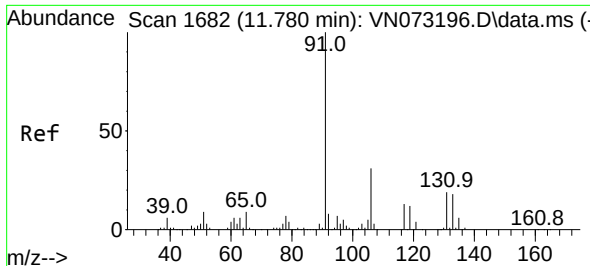
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 52.522 ug/l
RT: 11.780 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VN073456.D
Acq: 14 Jul 2022 11:53

Tgt Ion:131 Resp: 149977
Ion Ratio Lower Upper
131 100
133 94.0 47.8 143.4
119 65.5 33.4 100.2





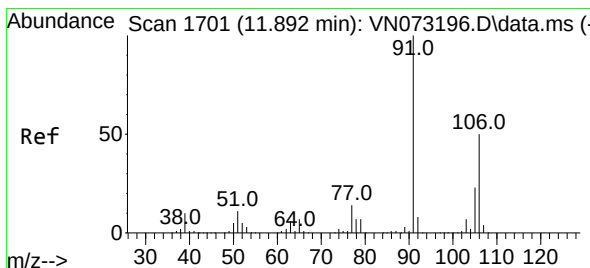
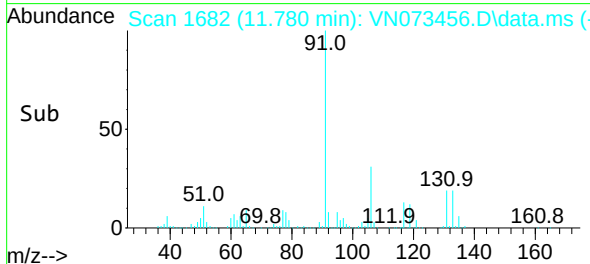
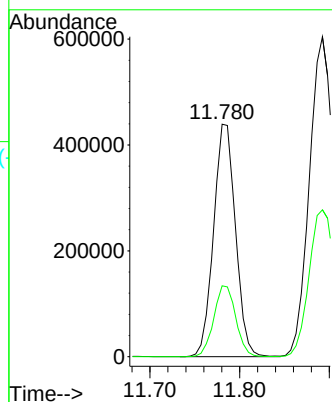
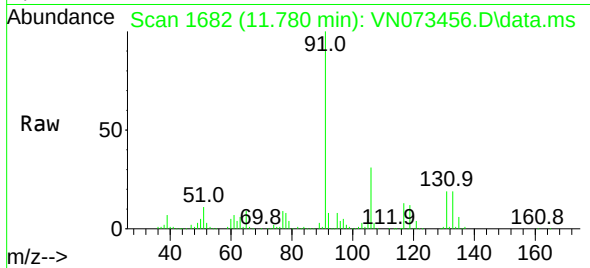
#67
Ethyl Benzene
Concen: 52.886 ug/l
RT: 11.780 min Scan# 1107
Delta R.T. 0.000 min
Lab File: VN073456.D
Acq: 14 Jul 2022 11:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 74538
Ion Ratio Lower Upper
91 100
106 30.5 24.9 37.3

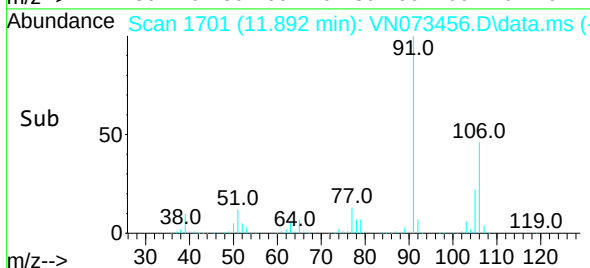
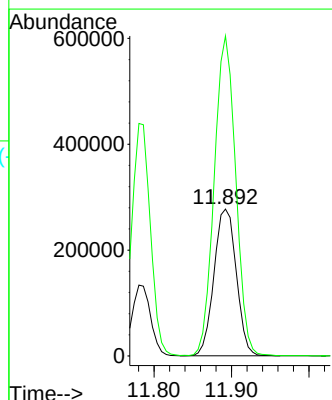
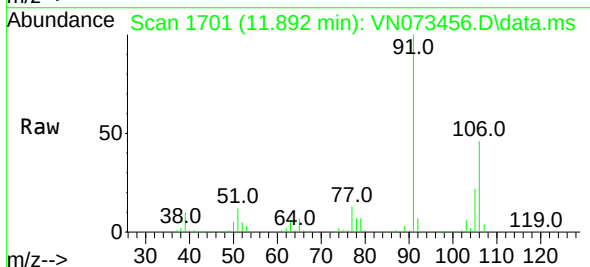
Manual Integrations
APPROVED

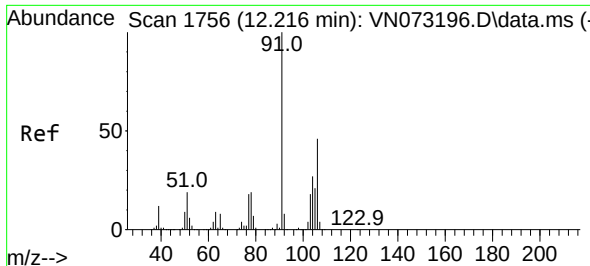
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022



#68
m/p-Xylenes
Concen: 104.352 ug/l
RT: 11.892 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN073456.D
Acq: 14 Jul 2022 11:53

Tgt Ion:106 Resp: 555061
Ion Ratio Lower Upper
106 100
91 209.8 158.9 238.3





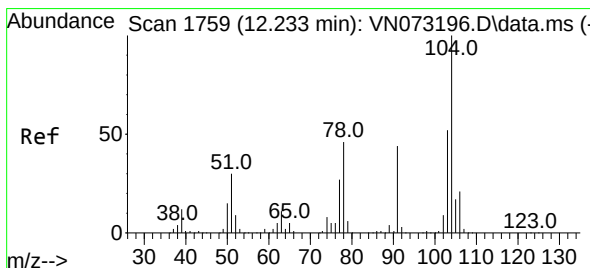
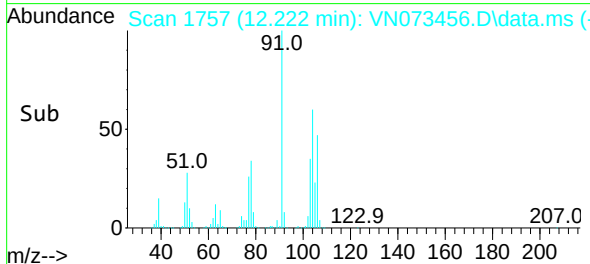
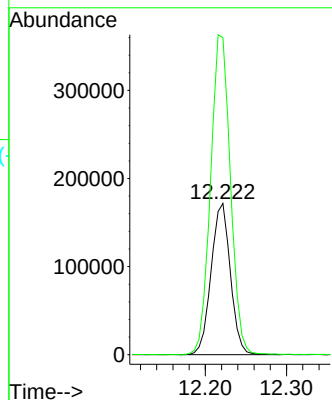
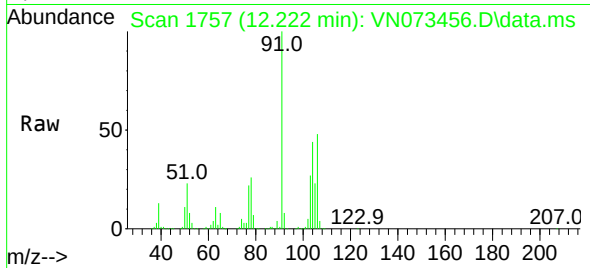
#69
o-Xylene
Concen: 52.085 ug/l
RT: 12.222 min Scan# 1757
Delta R.T. 0.006 min
Lab File: VN073456.D
Acq: 14 Jul 2022 11:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 282825
Ion Ratio Lower Upper
106 100
91 218.7 106.0 318.0

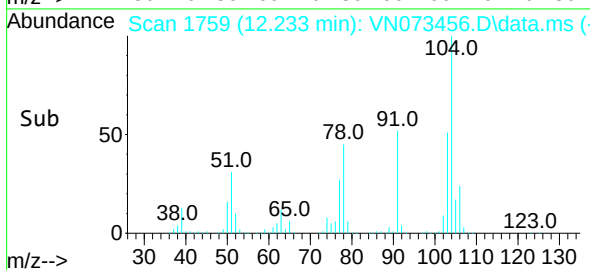
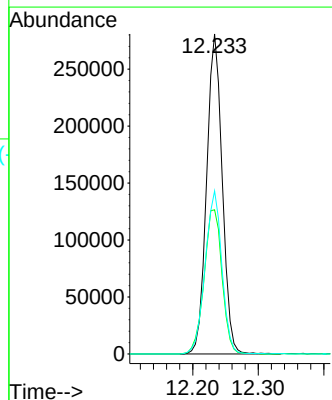
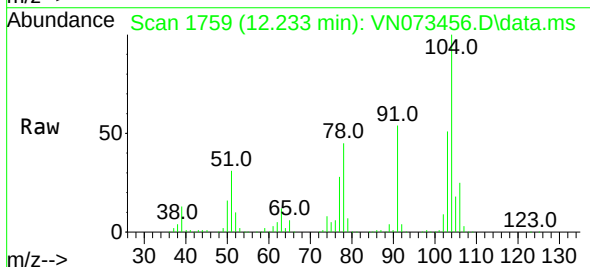
Manual Integrations
APPROVED

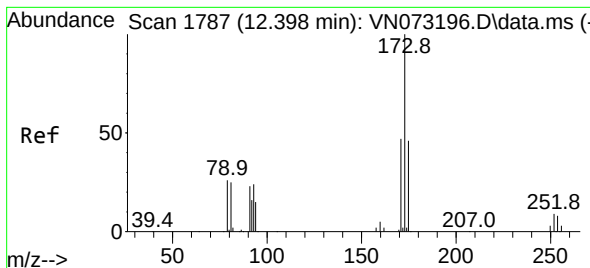
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022



#70
Styrene
Concen: 55.556 ug/l
RT: 12.233 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN073456.D
Acq: 14 Jul 2022 11:53

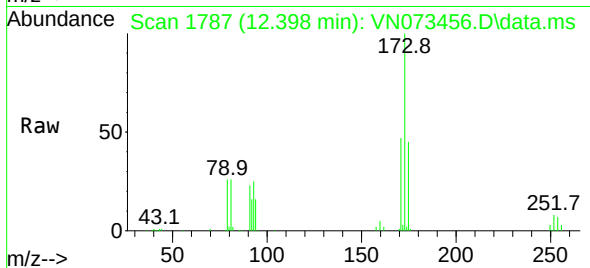
Tgt Ion:104 Resp: 465758
Ion Ratio Lower Upper
104 100
78 51.7 39.5 59.3
103 54.8 44.0 66.0





#71
Bromoform
Concen: 58.583 ug/l
RT: 12.398 min Scan# 1787
Delta R.T. 0.000 min
Lab File: VN073456.D
Acq: 14 Jul 2022 11:53

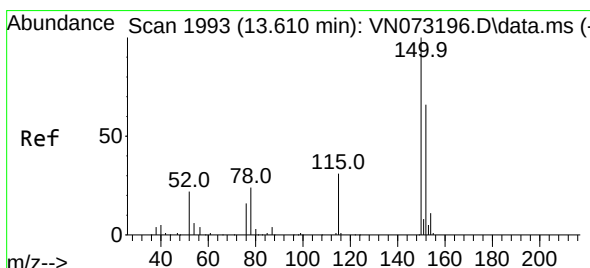
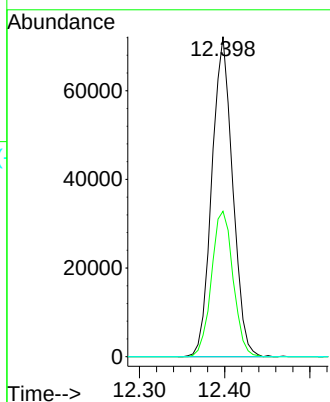
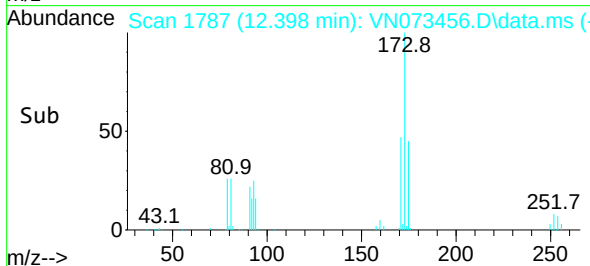
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



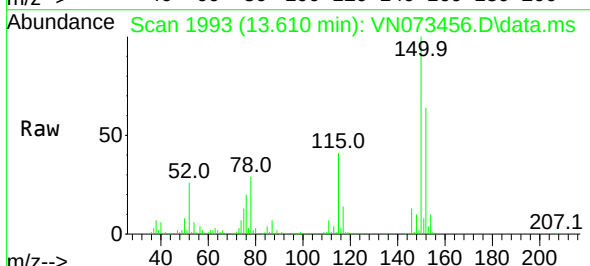
Tgt Ion:173 Resp: 122400
Ion Ratio Lower Upper
173 100
175 47.2 24.6 73.6
254 0.0 0.1 0.1

Manual Integrations
APPROVED

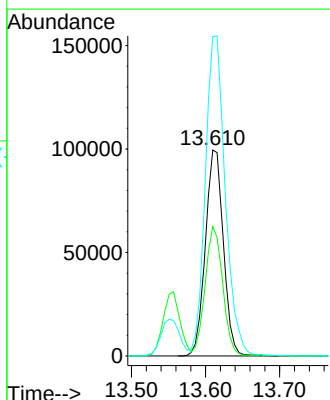
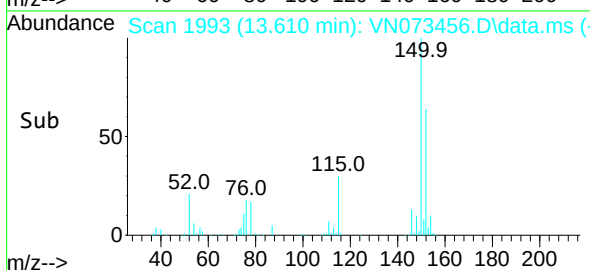
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022

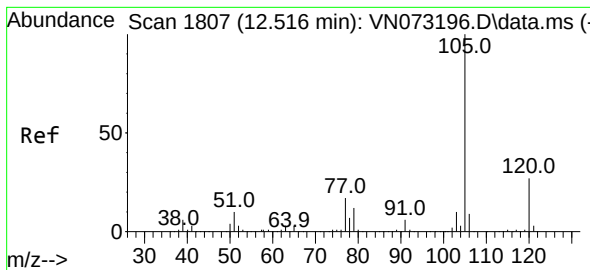


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.610 min Scan# 1993
Delta R.T. -0.000 min
Lab File: VN073456.D
Acq: 14 Jul 2022 11:53



Tgt Ion:152 Resp: 168192
Ion Ratio Lower Upper
152 100
115 61.4 28.9 86.7
150 171.7 0.0 356.2





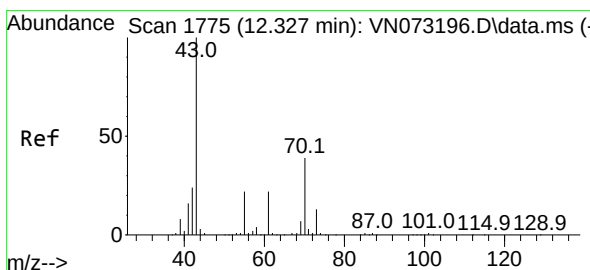
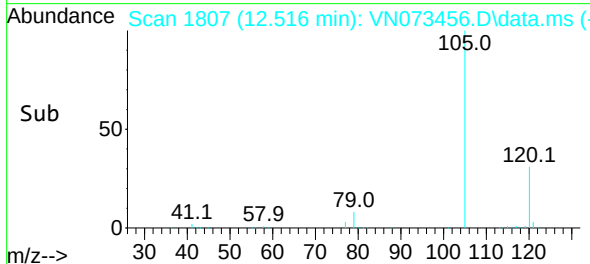
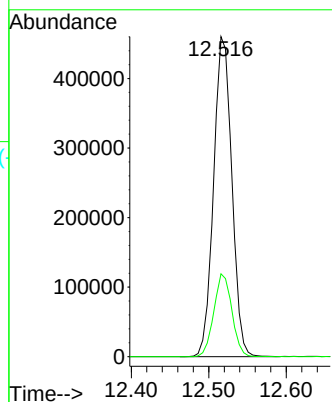
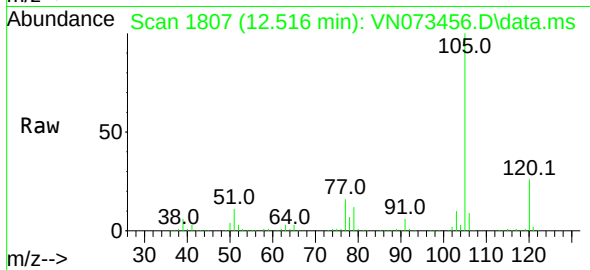
#73
Isopropylbenzene
Concen: 51.782 ug/l
RT: 12.516 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VN073456.D
Acq: 14 Jul 2022 11:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 752080
Ion Ratio Lower Upper
105 100
120 25.6 13.5 40.4

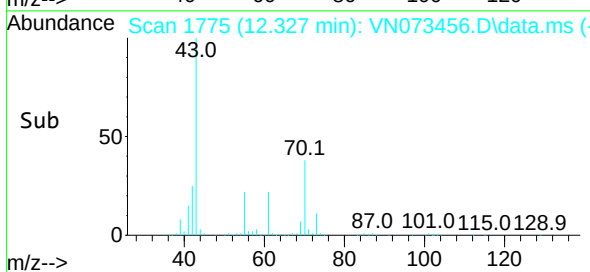
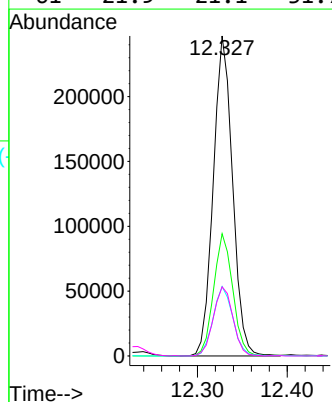
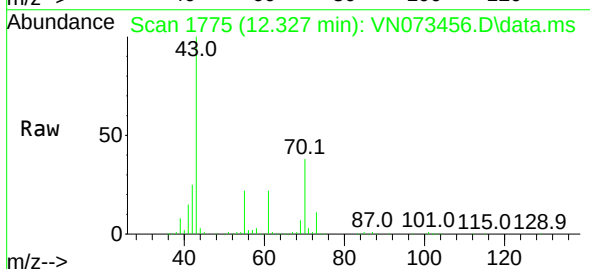
Manual Integrations
APPROVED

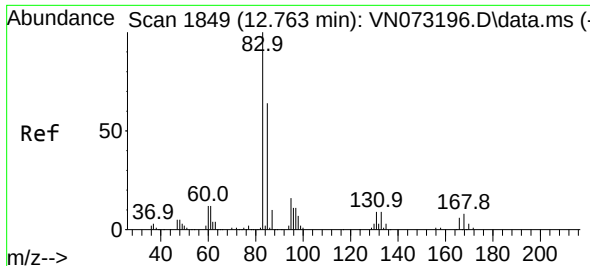
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022



#74
N-ethyl acetate
Concen: 50.662 ug/l
RT: 12.327 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN073456.D
Acq: 14 Jul 2022 11:53

Tgt Ion: 43 Resp: 368444
Ion Ratio Lower Upper
43 100
70 38.0 39.0 58.4#
55 22.2 21.1 31.7
61 21.9 21.1 31.7





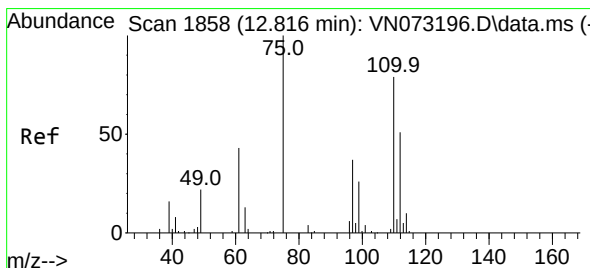
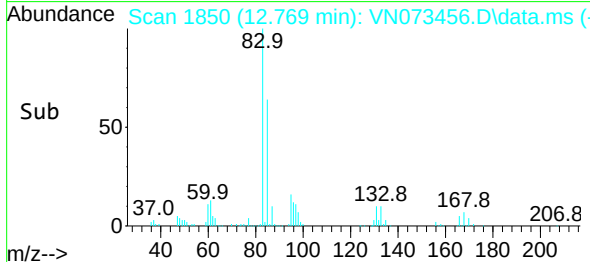
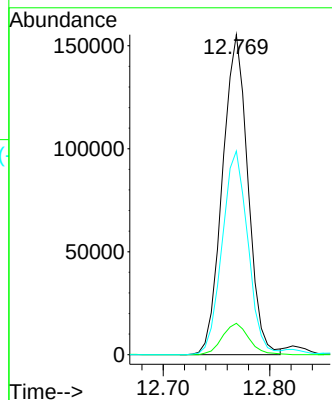
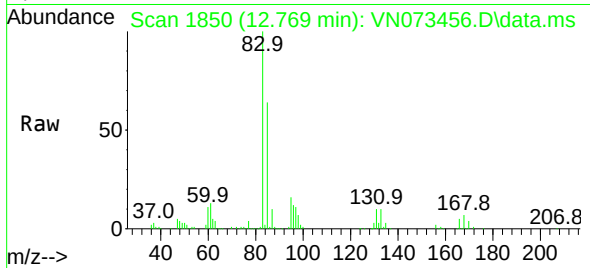
#75
1,1,2,2-Tetrachloroethane
Concen: 53.421 ug/l
RT: 12.769 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN073456.D
Acq: 14 Jul 2022 11:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 257470
Ion Ratio Lower Upper
83 100
131 10.3 5.3 15.9
85 64.5 32.3 96.9

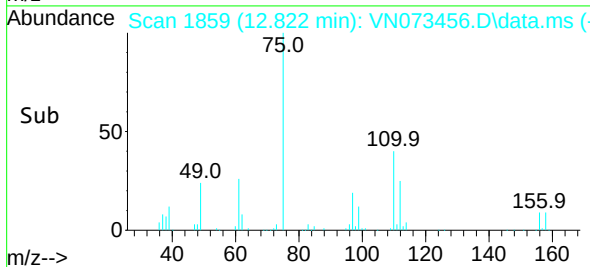
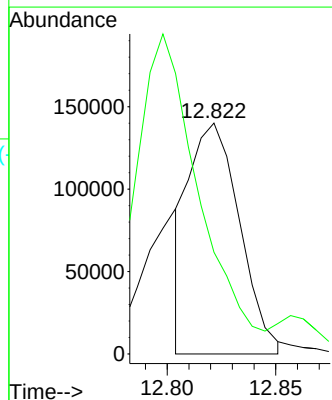
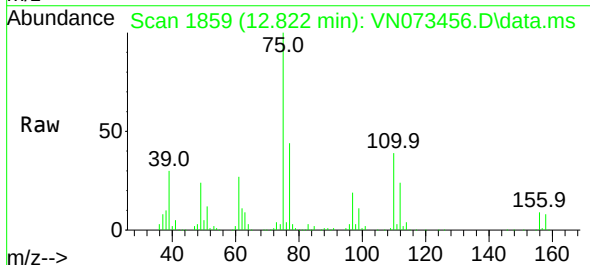
Manual Integrations
APPROVED

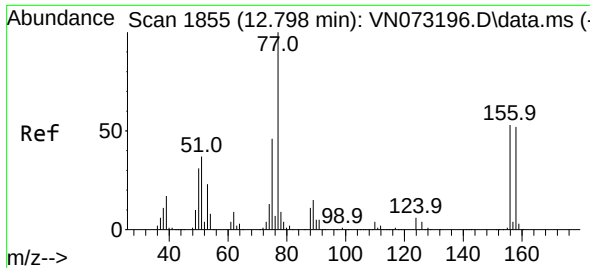
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022



#76
1,2,3-Trichloropropane
Concen: 51.591 ug/l m
RT: 12.822 min Scan# 1859
Delta R.T. 0.006 min
Lab File: VN073456.D
Acq: 14 Jul 2022 11:53

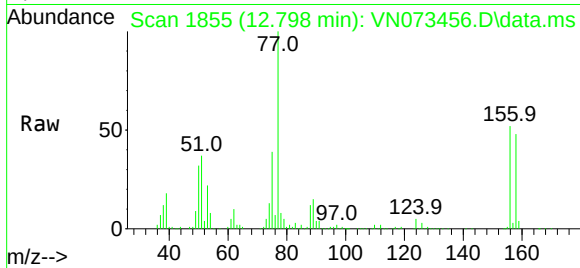
Tgt Ion: 75 Resp: 226892
Ion Ratio Lower Upper
75 100
77 0.0 98.5 295.5#





#77
Bromobenzene
Concen: 49.854 ug/l
RT: 12.798 min Scan# 1855
Delta R.T. -0.000 min
Lab File: VN073456.D
Acq: 14 Jul 2022 11:53

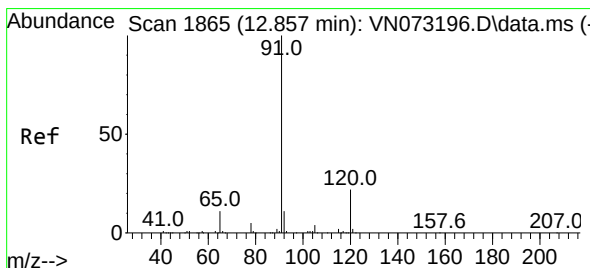
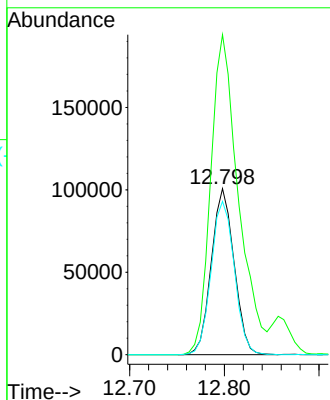
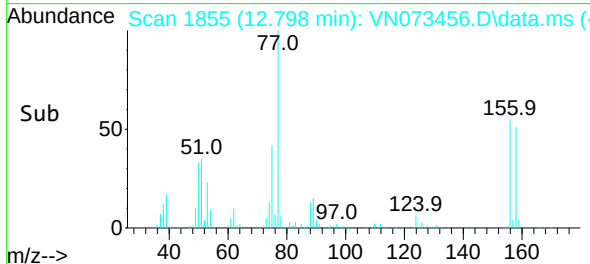
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



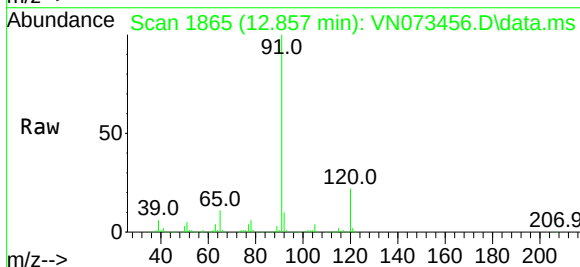
Tgt Ion:156 Resp: 168350
Ion Ratio Lower Upper
156 100
77 234.5 100.5 301.5
158 94.6 48.9 146.6

Manual Integrations
APPROVED

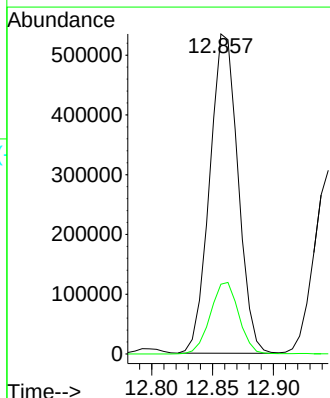
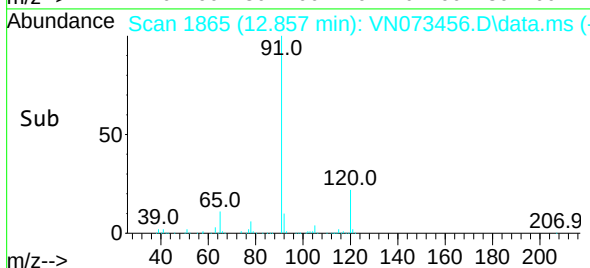
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022

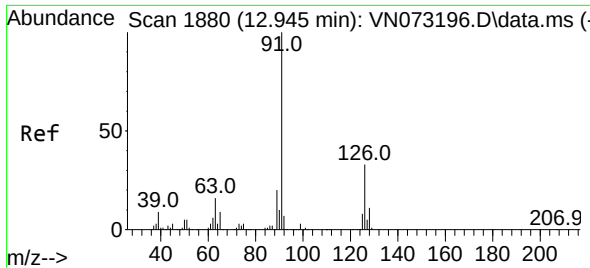


#78
n-propylbenzene
Concen: 53.619 ug/l
RT: 12.857 min Scan# 1865
Delta R.T. -0.000 min
Lab File: VN073456.D
Acq: 14 Jul 2022 11:53



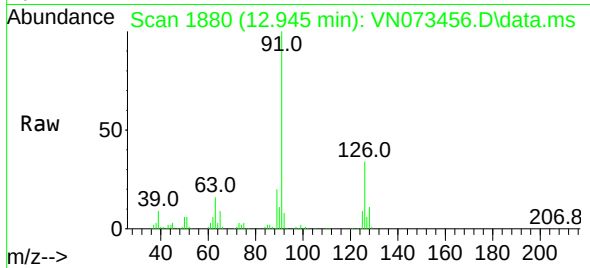
Tgt Ion: 91 Resp: 865149
Ion Ratio Lower Upper
91 100
120 22.4 11.9 35.5





#79
2-Chlorotoluene
Concen: 51.220 ug/l
RT: 12.945 min Scan# 1880
Delta R.T. 0.000 min
Lab File: VN073456.D
Acq: 14 Jul 2022 11:53

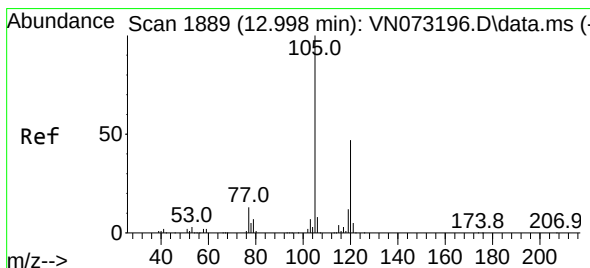
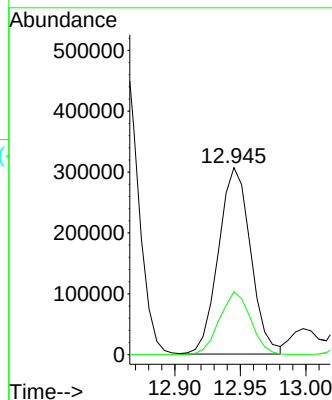
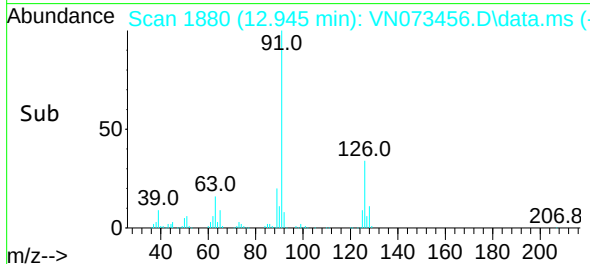
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



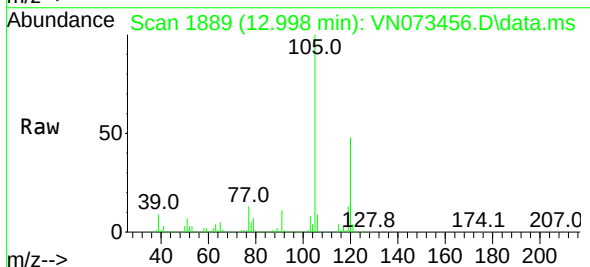
Tgt Ion: 91 Resp: 52305
Ion Ratio Lower Upper
91 100
126 32.7 17.3 51.9

Manual Integrations
APPROVED

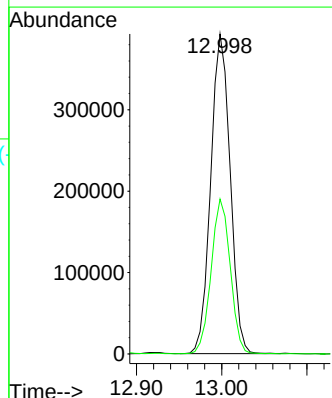
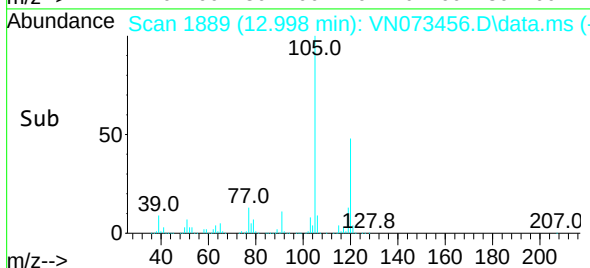
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022

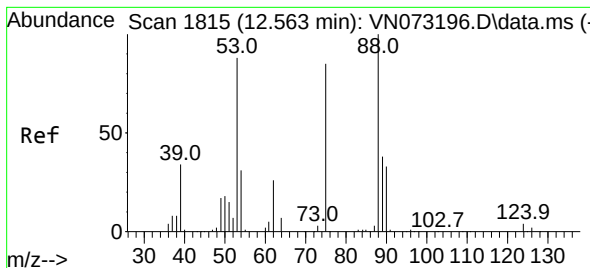


#80
1,3,5-Trimethylbenzene
Concen: 52.593 ug/l
RT: 12.998 min Scan# 1889
Delta R.T. -0.000 min
Lab File: VN073456.D
Acq: 14 Jul 2022 11:53



Tgt Ion:105 Resp: 622614
Ion Ratio Lower Upper
105 100
120 47.5 24.9 74.7





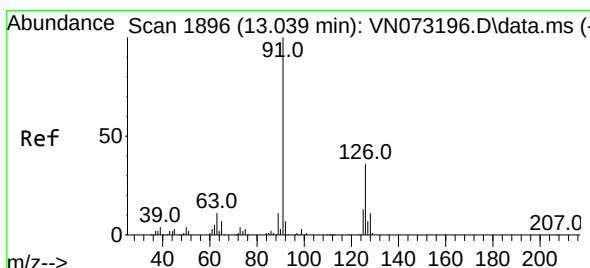
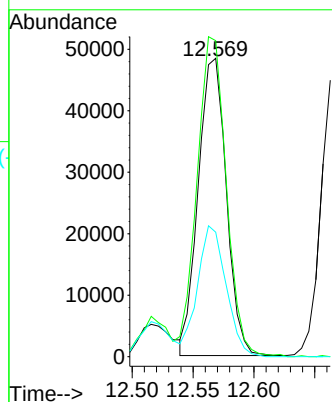
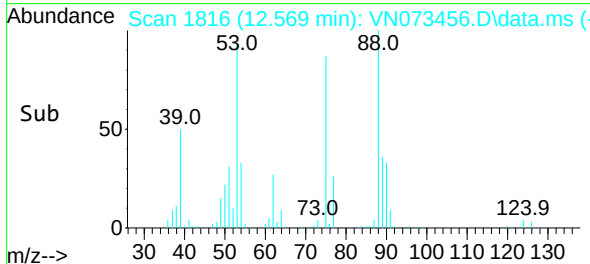
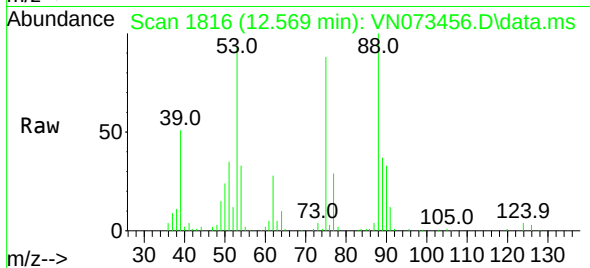
#81
trans-1,4-Dichloro-2-butene
Concen: 48.470 ug/l
RT: 12.569 min Scan# 1815
Delta R.T. 0.006 min
Lab File: VN073456.D
Acq: 14 Jul 2022 11:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 7772
Ion Ratio Lower Upper
75 100
53 112.7 78.0 117.0
89 44.9 37.2 55.8

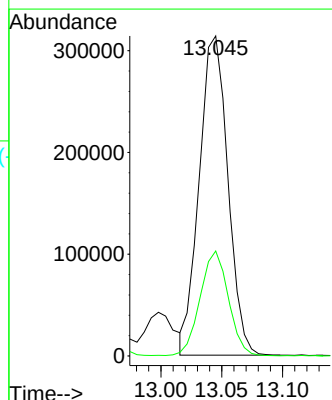
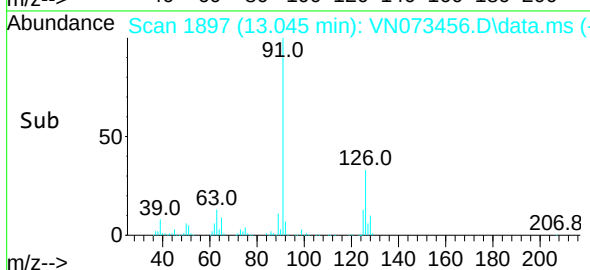
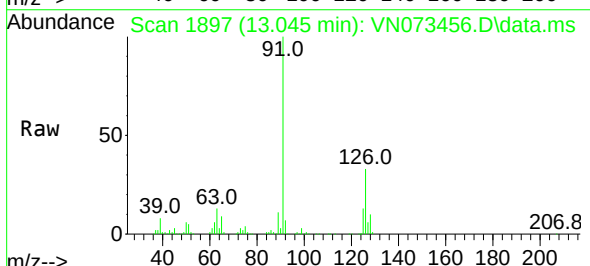
Manual Integrations
APPROVED

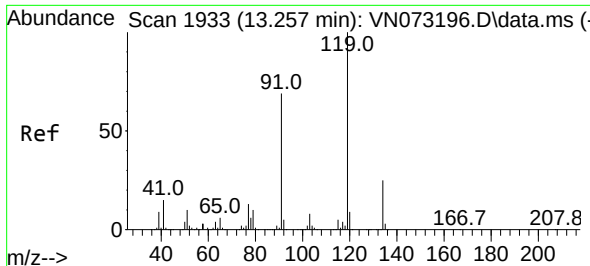
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022



#82
4-Chlorotoluene
Concen: 51.917 ug/l
RT: 13.045 min Scan# 1897
Delta R.T. 0.006 min
Lab File: VN073456.D
Acq: 14 Jul 2022 11:53

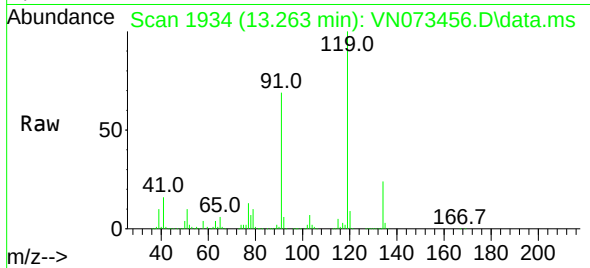
Tgt Ion: 91 Resp: 513271
Ion Ratio Lower Upper
91 100
126 32.6 17.2 51.6





#83
tert-Butylbenzene
Concen: 51.586 ug/l
RT: 13.263 min Scan# 1934
Delta R.T. 0.006 min
Lab File: VN073456.D
Acq: 14 Jul 2022 11:53

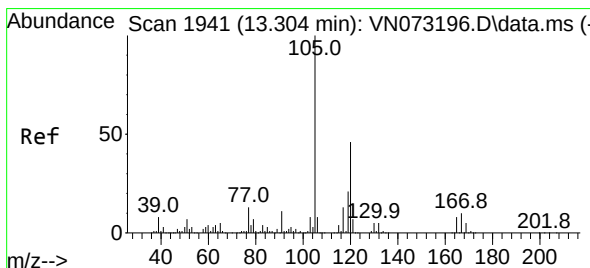
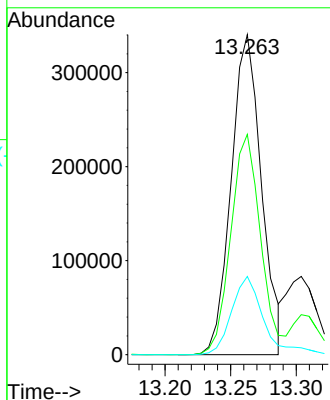
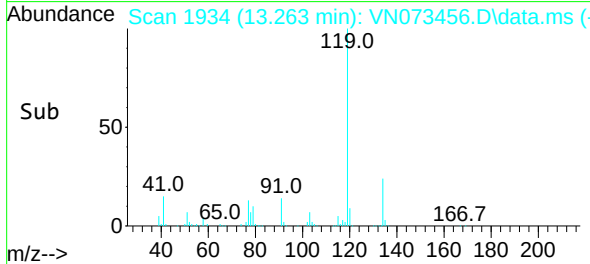
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:119 Resp: 547490
Ion Ratio Lower Upper
119 100
91 68.2 31.6 94.8
134 25.9 13.7 41.1

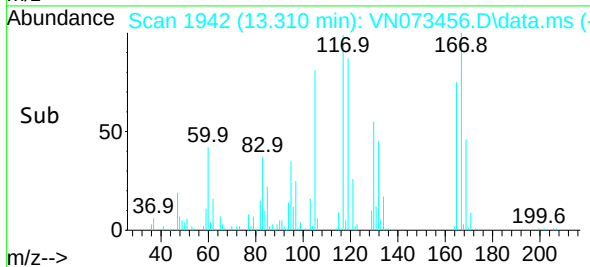
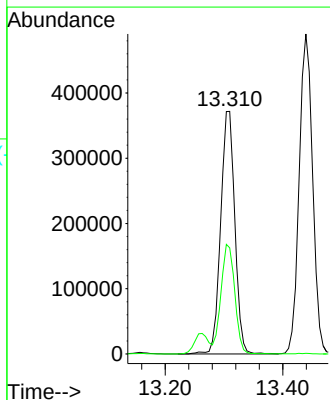
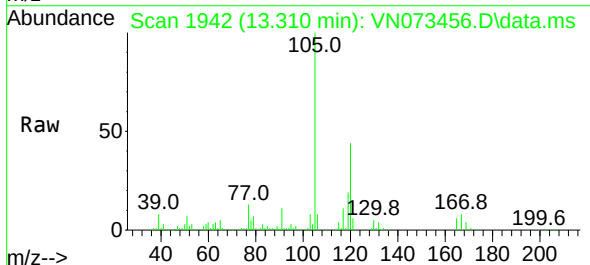
Manual Integrations
APPROVED

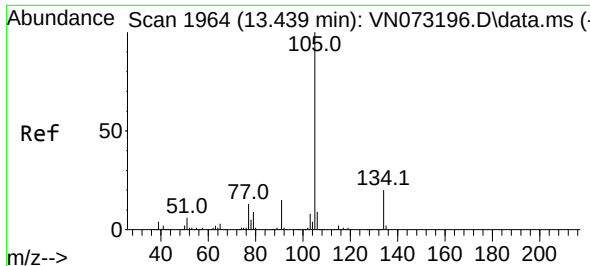
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022



#84
1,2,4-Trimethylbenzene
Concen: 52.538 ug/l
RT: 13.310 min Scan# 1942
Delta R.T. 0.006 min
Lab File: VN073456.D
Acq: 14 Jul 2022 11:53

Tgt Ion:105 Resp: 620963
Ion Ratio Lower Upper
105 100
120 43.8 23.3 69.8





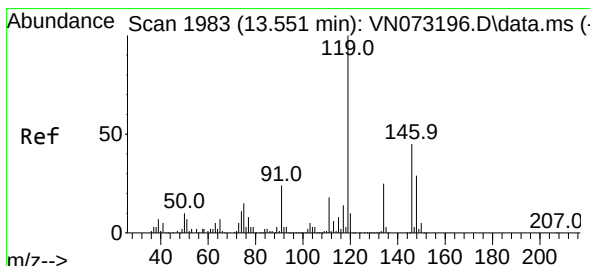
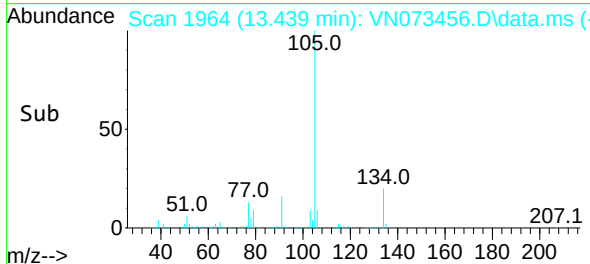
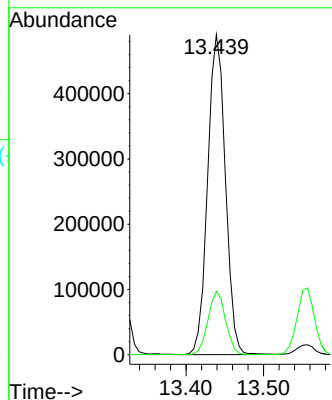
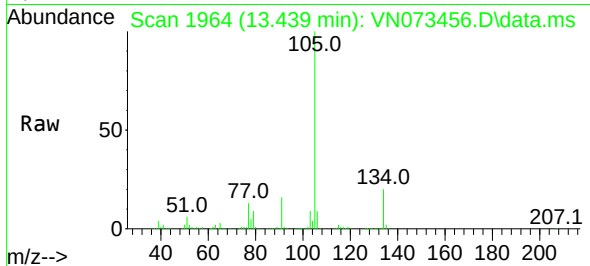
#85
 sec-Butylbenzene
 Concen: 54.696 ug/l
 RT: 13.439 min Scan# 1964
 Delta R.T. 0.000 min
 Lab File: VN073456.D
 Acq: 14 Jul 2022 11:53

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 77949
 Ion Ratio Lower Upper
 105 100
 134 19.6 10.4 31.1

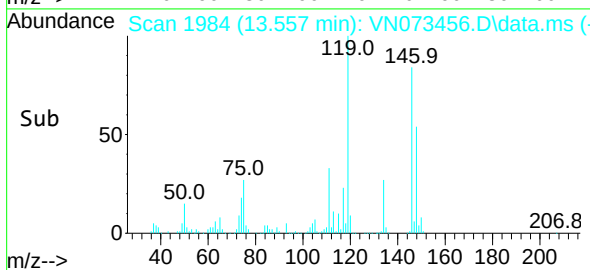
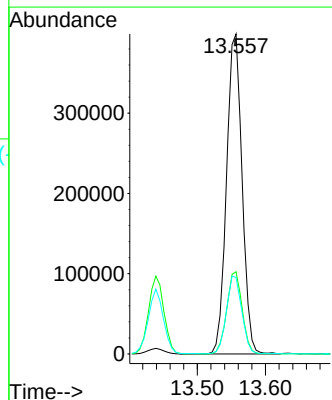
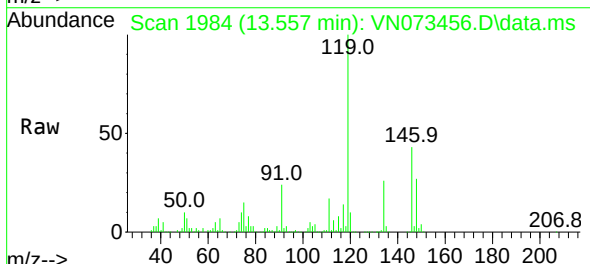
Manual Integrations
 APPROVED

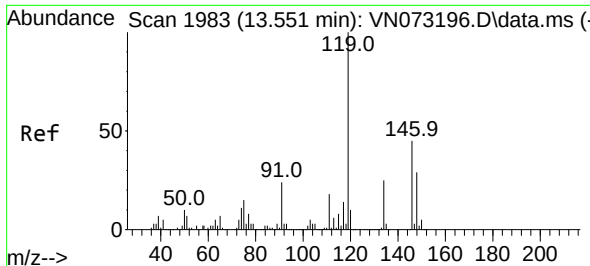
Reviewed By :John Carlone 07/15/2022
 Supervised By :Mahesh Dadoda 07/15/2022



#86
 p-Isopropyltoluene
 Concen: 54.999 ug/l
 RT: 13.557 min Scan# 1984
 Delta R.T. 0.006 min
 Lab File: VN073456.D
 Acq: 14 Jul 2022 11:53

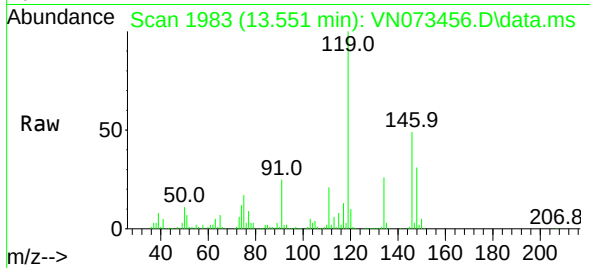
Tgt Ion:119 Resp: 633174
 Ion Ratio Lower Upper
 119 100
 134 25.5 13.3 39.8
 91 24.1 11.3 33.9





#87
1,3-Dichlorobenzene
Concen: 50.541 ug/l
RT: 13.551 min Scan# 1983
Delta R.T. -0.000 min
Lab File: VN073456.D
Acq: 14 Jul 2022 11:53

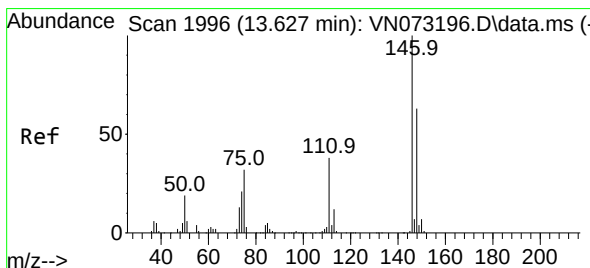
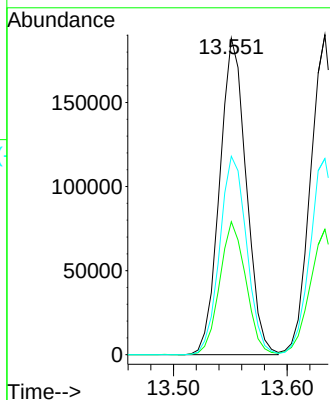
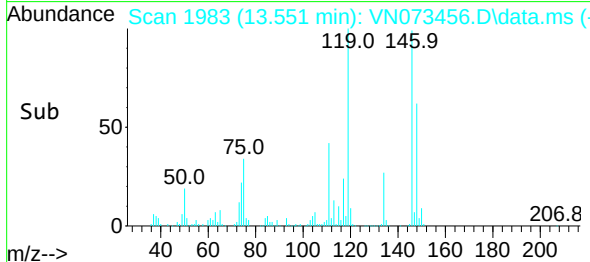
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



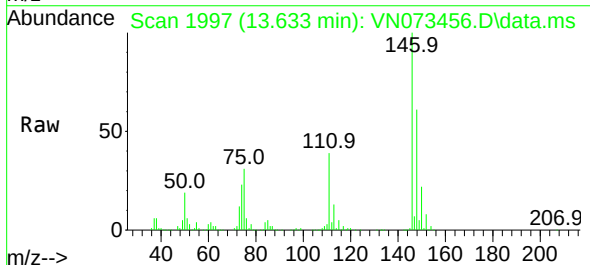
Tgt Ion:146 Resp: 306170
Ion Ratio Lower Upper
146 100
111 41.4 20.0 60.0
148 63.6 32.0 96.0

Manual Integrations
APPROVED

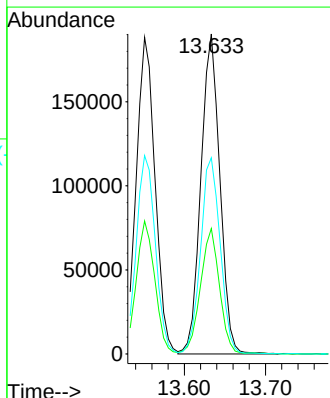
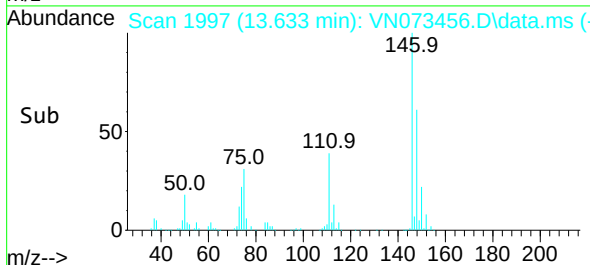
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022

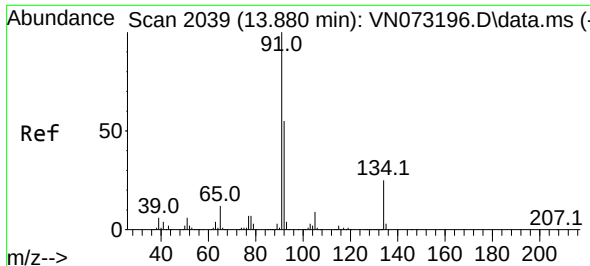


#88
1,4-Dichlorobenzene
Concen: 50.936 ug/l
RT: 13.633 min Scan# 1997
Delta R.T. 0.006 min
Lab File: VN073456.D
Acq: 14 Jul 2022 11:53



Tgt Ion:146 Resp: 309173
Ion Ratio Lower Upper
146 100
111 38.8 19.1 57.1
148 63.5 31.4 94.3





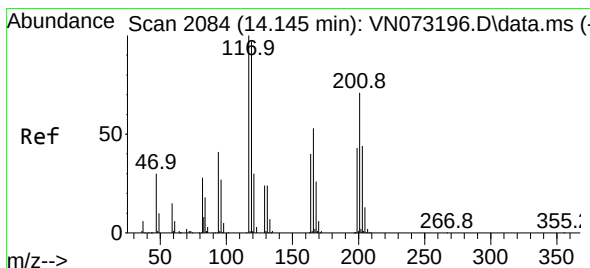
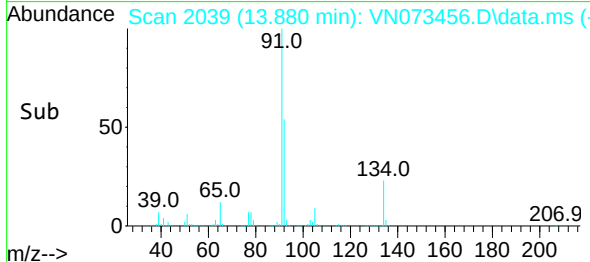
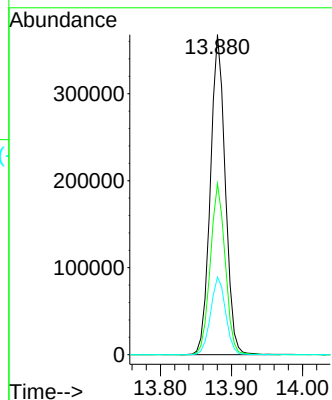
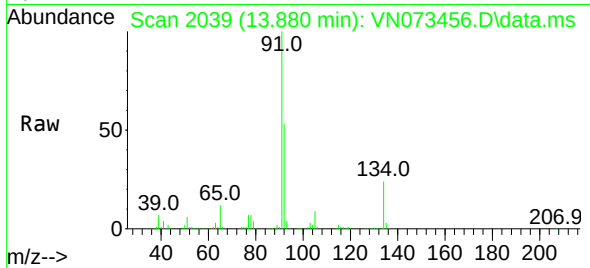
#89
n-Butylbenzene
Concen: 55.949 ug/l
RT: 13.880 min Scan# 2039
Delta R.T. 0.000 min
Lab File: VN073456.D
Acq: 14 Jul 2022 11:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 536729
Ion Ratio Lower Upper
91 100
92 53.3 26.9 80.7
134 24.4 13.6 40.8

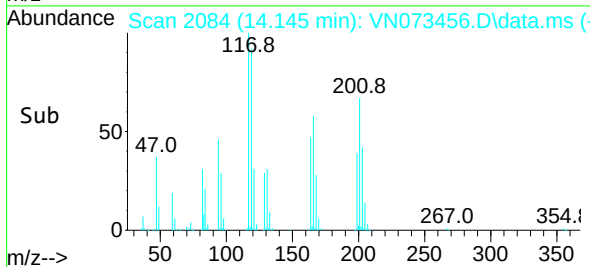
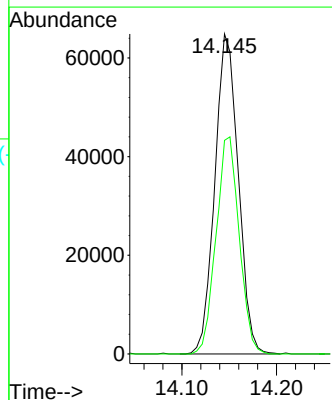
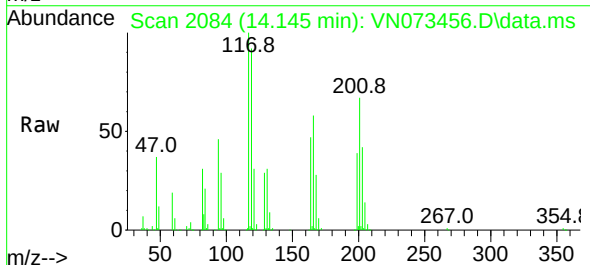
Manual Integrations
APPROVED

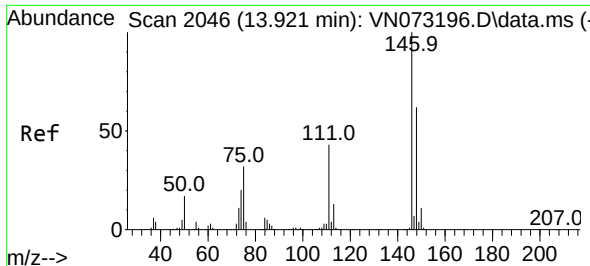
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022



#90
Hexachloroethane
Concen: 52.069 ug/l
RT: 14.145 min Scan# 2084
Delta R.T. -0.000 min
Lab File: VN073456.D
Acq: 14 Jul 2022 11:53

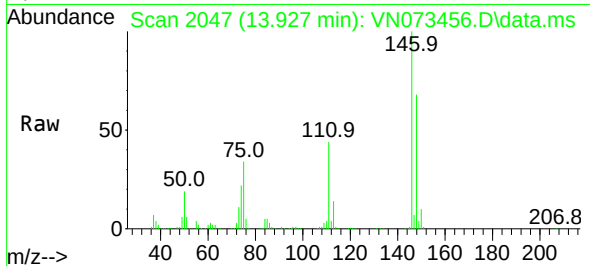
Tgt Ion:117 Resp: 111713
Ion Ratio Lower Upper
117 100
201 66.9 40.6 122.0





#91
1,2-Dichlorobenzene
Concen: 50.835 ug/l
RT: 13.927 min Scan# 2047
Delta R.T. 0.006 min
Lab File: VN073456.D
Acq: 14 Jul 2022 11:53

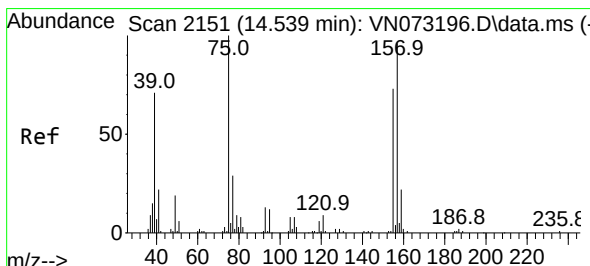
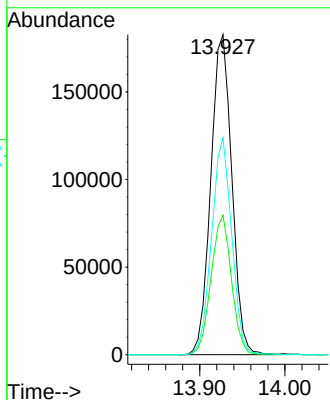
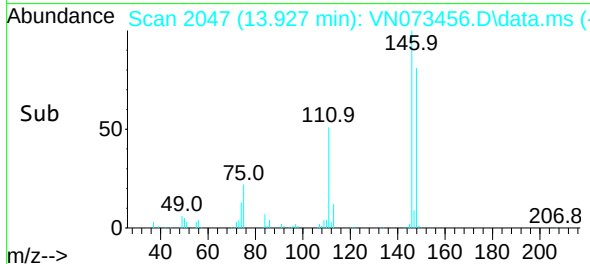
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



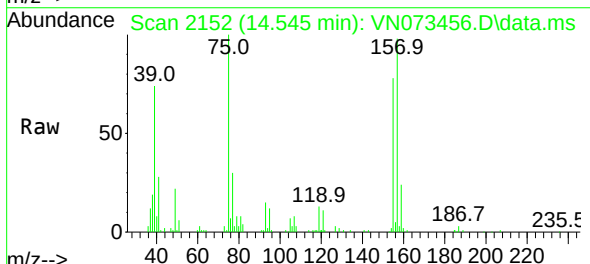
Tgt Ion:146 Resp: 313709
Ion Ratio Lower Upper
146 100
111 42.3 20.9 62.8
148 65.2 32.1 96.3

Manual Integrations
APPROVED

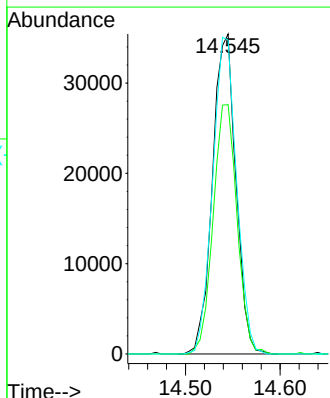
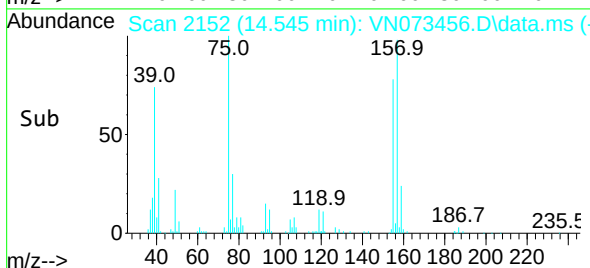
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022

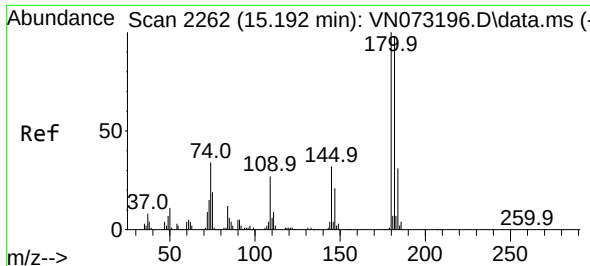


#92
1,2-Dibromo-3-Chloropropane
Concen: 51.967 ug/l
RT: 14.545 min Scan# 2152
Delta R.T. 0.006 min
Lab File: VN073456.D
Acq: 14 Jul 2022 11:53



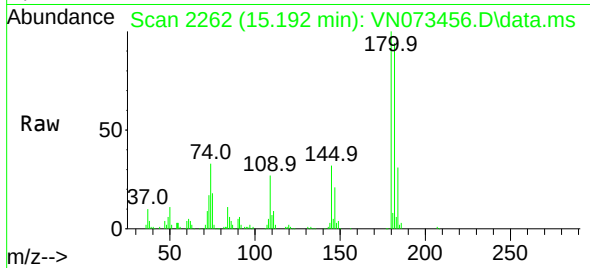
Tgt Ion: 75 Resp: 60876
Ion Ratio Lower Upper
75 100
155 79.4 44.9 134.5
157 101.3 59.0 176.8





#93
1,2,4-Trichlorobenzene
Concen: 52.538 ug/l
RT: 15.192 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN073456.D
Acq: 14 Jul 2022 11:53

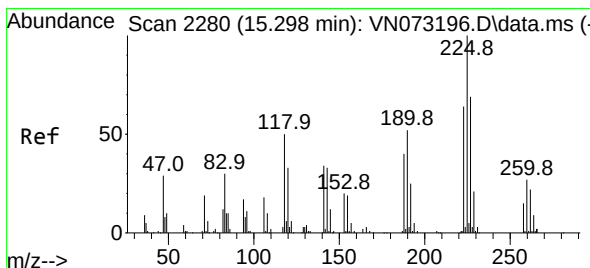
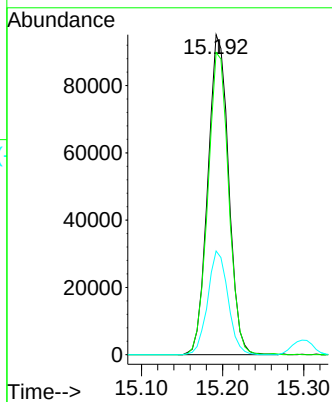
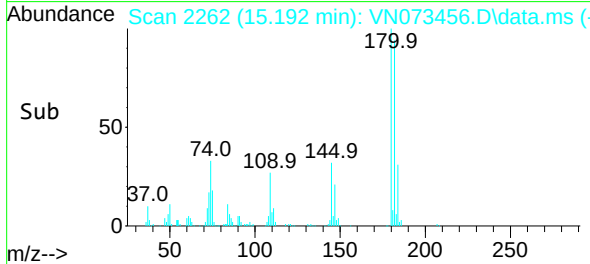
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



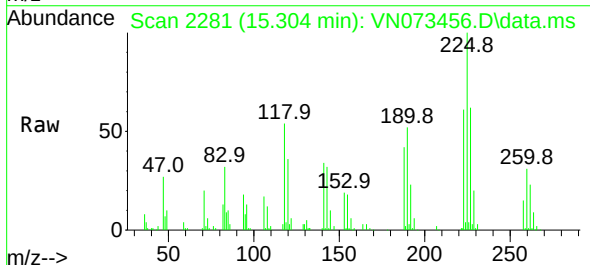
Tgt Ion:180 Resp: 168819
Ion Ratio Lower Upper
180 100
182 94.3 47.5 142.5
145 31.7 14.5 43.5

Manual Integrations
APPROVED

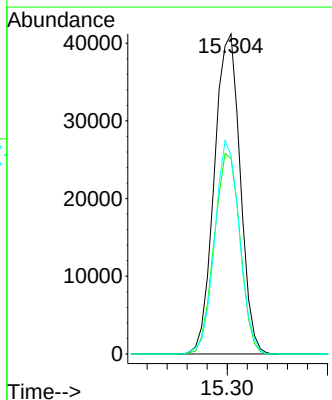
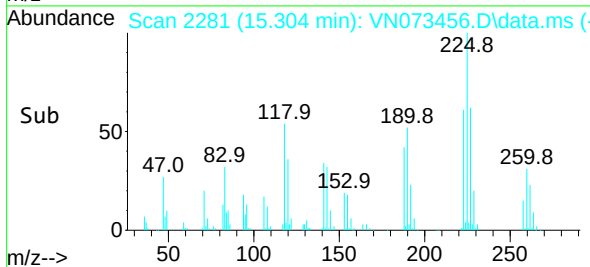
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022

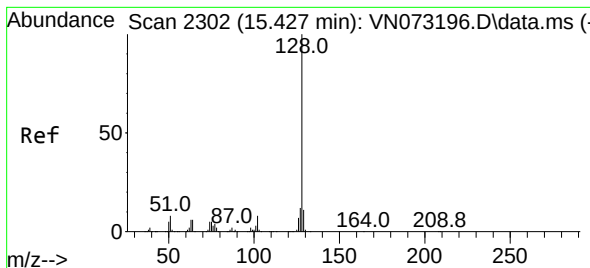


#94
Hexachlorobutadiene
Concen: 51.620 ug/l
RT: 15.304 min Scan# 2281
Delta R.T. 0.006 min
Lab File: VN073456.D
Acq: 14 Jul 2022 11:53



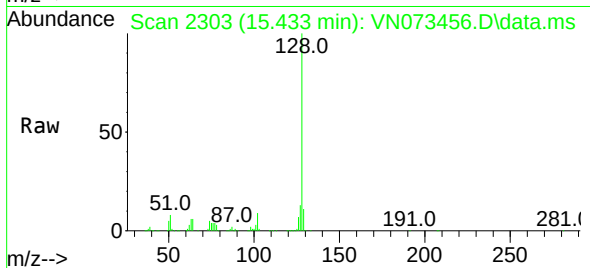
Tgt Ion:225 Resp: 73735
Ion Ratio Lower Upper
225 100
223 62.7 32.4 97.2
227 63.6 31.8 95.4





#95
Naphthalene
Concen: 49.301 ug/l
RT: 15.433 min Scan# 2303
Delta R.T. 0.006 min
Lab File: VN073456.D
Acq: 14 Jul 2022 11:53

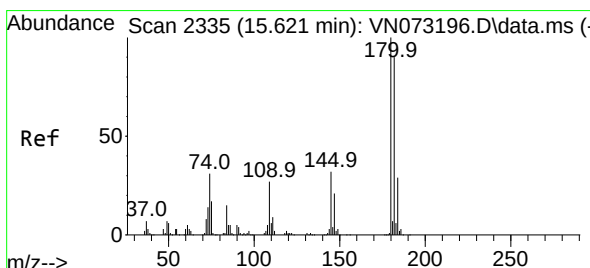
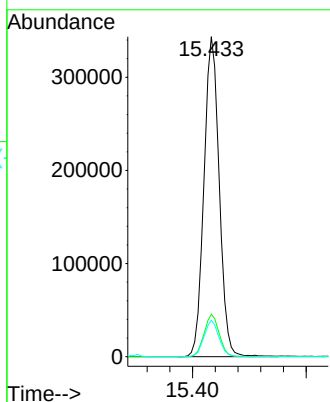
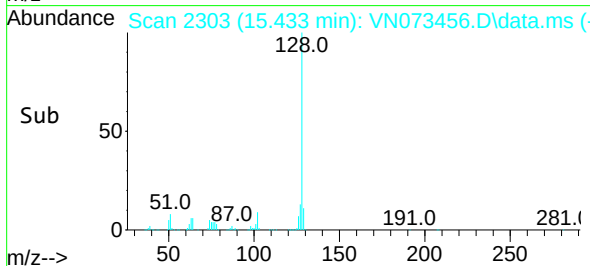
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:128 Resp: 63907
Ion Ratio Lower Upper
128 100
127 13.1 10.3 15.5
129 11.1 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022



#96
1,2,3-Trichlorobenzene
Concen: 52.737 ug/l
RT: 15.621 min Scan# 2335
Delta R.T. 0.000 min
Lab File: VN073456.D
Acq: 14 Jul 2022 11:53

Tgt Ion:180 Resp: 174806
Ion Ratio Lower Upper
180 100
182 93.2 47.8 143.3
145 33.4 15.5 46.5

