

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080322\
 Data File : VN073703.D
 Acq On : 03 Aug 2022 11:17
 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 08/04/2022
 Supervised By : Mahesh Dadoda 08/04/2022

Quant Time: Aug 04 05:30:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072822W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 29 02:20:25 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	356428	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	554173	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	527120	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	268773	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	223781	51.519	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.040%			
35) Dibromofluoromethane	7.951	113	190559	54.761	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 109.520%			
50) Toluene-d8	10.380	98	770509	56.268	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 112.540%			
62) 4-Bromofluorobenzene	12.668	95	256989	55.086	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 110.180%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	152383	44.078	ug/l	92
3) Chloromethane	2.269	50	205022	49.308	ug/l	97
4) Vinyl Chloride	2.404	62	265514	43.914	ug/l	98
5) Bromomethane	2.781	94	116782	33.303	ug/l	100
6) Chloroethane	2.946	64	185809	52.808	ug/l	96
7) Trichlorofluoromethane	3.304	101	285426	45.805	ug/l	99
8) Diethyl Ether	3.763	74	110197	47.097	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.134	101	171968	49.881	ug/l	100
10) Methyl Iodide	4.345	142	157405	44.911	ug/l	98
11) Tert butyl alcohol	5.287	59	213034	227.413	ug/l	100
12) 1,1-Dichloroethene	4.104	96	161369	47.719	ug/l	93
13) Acrolein	3.975	56	257047	276.779	ug/l	99
14) Allyl chloride	4.757	41	253704	46.925	ug/l	97
15) Acrylonitrile	5.469	53	641627	247.610	ug/l	100
16) Acetone	4.216	43	503330	215.742	ug/l	99
17) Carbon Disulfide	4.451	76	410502	45.781	ug/l	99
18) Methyl Acetate	4.769	43	281584	48.513	ug/l	99
19) Methyl tert-butyl Ether	5.528	73	590668	51.128	ug/l	99
20) Methylene Chloride	5.004	84	200367	53.231	ug/l	98
21) trans-1,2-Dichloroethene	5.504	96	183733	50.191	ug/l	94
22) Diisopropyl ether	6.410	45	588090	50.418	ug/l	99
23) Vinyl Acetate	6.345	43	2559141	261.684	ug/l	99
24) 1,1-Dichloroethane	6.298	63	343897	47.923	ug/l	99
25) 2-Butanone	7.257	43	866798	239.241	ug/l	98
26) 2,2-Dichloropropane	7.245	77	275205	49.847	ug/l	99
27) cis-1,2-Dichloroethene	7.245	96	225433	49.982	ug/l	95
28) Bromochloromethane	7.581	49	150134	49.828	ug/l	98
29) Tetrahydrofuran	7.604	42	561599	245.164	ug/l	98
30) Chloroform	7.745	83	367736	49.185	ug/l	100
31) Cyclohexane	8.022	56	304491	47.086	ug/l	99
32) 1,1,1-Trichloroethane	7.939	97	303889	48.952	ug/l	99
36) 1,1-Dichloropropene	8.145	75	269176	54.273	ug/l	99
37) Ethyl Acetate	7.334	43	340475	52.127	ug/l	98
38) Carbon Tetrachloride	8.133	117	259733	51.563	ug/l	97
39) Methylcyclohexane	9.392	83	332371	56.080	ug/l	98
40) Benzene	8.386	78	842838	52.333	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.563	41	150746	51.004	ug/l	96
42) 1,2-Dichloroethane	8.463	62	279454	51.485	ug/l	99
43) Isopropyl Acetate	8.492	43	474712	53.809	ug/l	99
44) Trichloroethene	9.151	130	211811	51.862	ug/l	99
45) 1,2-Dichloropropane	9.428	63	212578	52.807	ug/l	96
46) Dibromomethane	9.516	93	148769	53.247	ug/l	99
47) Bromodichloromethane	9.698	83	287606	53.634	ug/l	99
48) Methyl methacrylate	9.498	41	221295	57.305	ug/l	98
49) 1,4-Dioxane	9.504	88	115868	1064.403	ug/l	97
51) 4-Methyl-2-Pentanone	10.269	43	1726355	272.827	ug/l	100
52) Toluene	10.445	92	549802	55.889	ug/l	99
53) t-1,3-Dichloropropene	10.657	75	296125	55.899	ug/l	100
54) cis-1,3-Dichloropropene	10.127	75	330797	55.413	ug/l	99
55) 1,1,2-Trichloroethane	10.839	97	222119	54.146	ug/l	98
56) Ethyl methacrylate	10.704	69	338072	59.794	ug/l	99
57) 1,3-Dichloropropane	10.986	76	371101	53.319	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.980	63	749296	250.421	ug/l	99
59) 2-Hexanone	11.027	43	1319761	275.290	ug/l	99
60) Dibromochloromethane	11.174	129	235713	57.758	ug/l	100
61) 1,2-Dibromoethane	11.286	107	232034	54.920	ug/l	99
64) Tetrachloroethene	10.916	164	212244	50.665	ug/l	97
65) Chlorobenzene	11.710	112	589157	52.620	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.780	131	216517	53.915	ug/l	99
67) Ethyl Benzene	11.786	91	1054848	55.845	ug/l	99
68) m/p-Xylenes	11.892	106	830274	115.248	ug/l	100
69) o-Xylene	12.221	106	406908	57.934	ug/l	99
70) Styrene	12.233	104	683009	60.748	ug/l	98
71) Bromoform	12.398	173	187205	56.476	ug/l	100
73) Isopropylbenzene	12.521	105	1058771	53.813	ug/l	100
74) N-amyl acetate	12.327	43	383033	51.526	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.768	83	356061	46.898	ug/l	99
76) 1,2,3-Trichloropropane	12.821	75	258118m	52.591	ug/l	
77) Bromobenzene	12.798	156	263600	51.448	ug/l	98
78) n-propylbenzene	12.863	91	1240492	56.035	ug/l	99
79) 2-Chlorotoluene	12.945	91	726290	52.565	ug/l	99
80) 1,3,5-Trimethylbenzene	12.998	105	892322	55.111	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.568	75	107280	51.727	ug/l	99
82) 4-Chlorotoluene	13.045	91	703730	53.739	ug/l	97
83) tert-Butylbenzene	13.263	119	778778	54.303	ug/l	99
84) 1,2,4-Trimethylbenzene	13.310	105	885883	55.643	ug/l	100
85) sec-Butylbenzene	13.439	105	1115694	56.287	ug/l	100
86) p-Isopropyltoluene	13.557	119	937594	60.003	ug/l	99
87) 1,3-Dichlorobenzene	13.557	146	483111	51.657	ug/l	98
88) 1,4-Dichlorobenzene	13.633	146	479545	51.247	ug/l	99
89) n-Butylbenzene	13.880	91	743469	58.477	ug/l	100
90) Hexachloroethane	14.151	117	163291	52.670	ug/l	99
91) 1,2-Dichlorobenzene	13.927	146	490279	51.733	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.539	75	74668	48.949	ug/l	94
93) 1,2,4-Trichlorobenzene	15.198	180	269950	57.360	ug/l	99
94) Hexachlorobutadiene	15.298	225	137232	53.637	ug/l	99
95) Naphthalene	15.433	128	869694	56.946	ug/l	100
96) 1,2,3-Trichlorobenzene	15.627	180	274065	55.330	ug/l	99

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

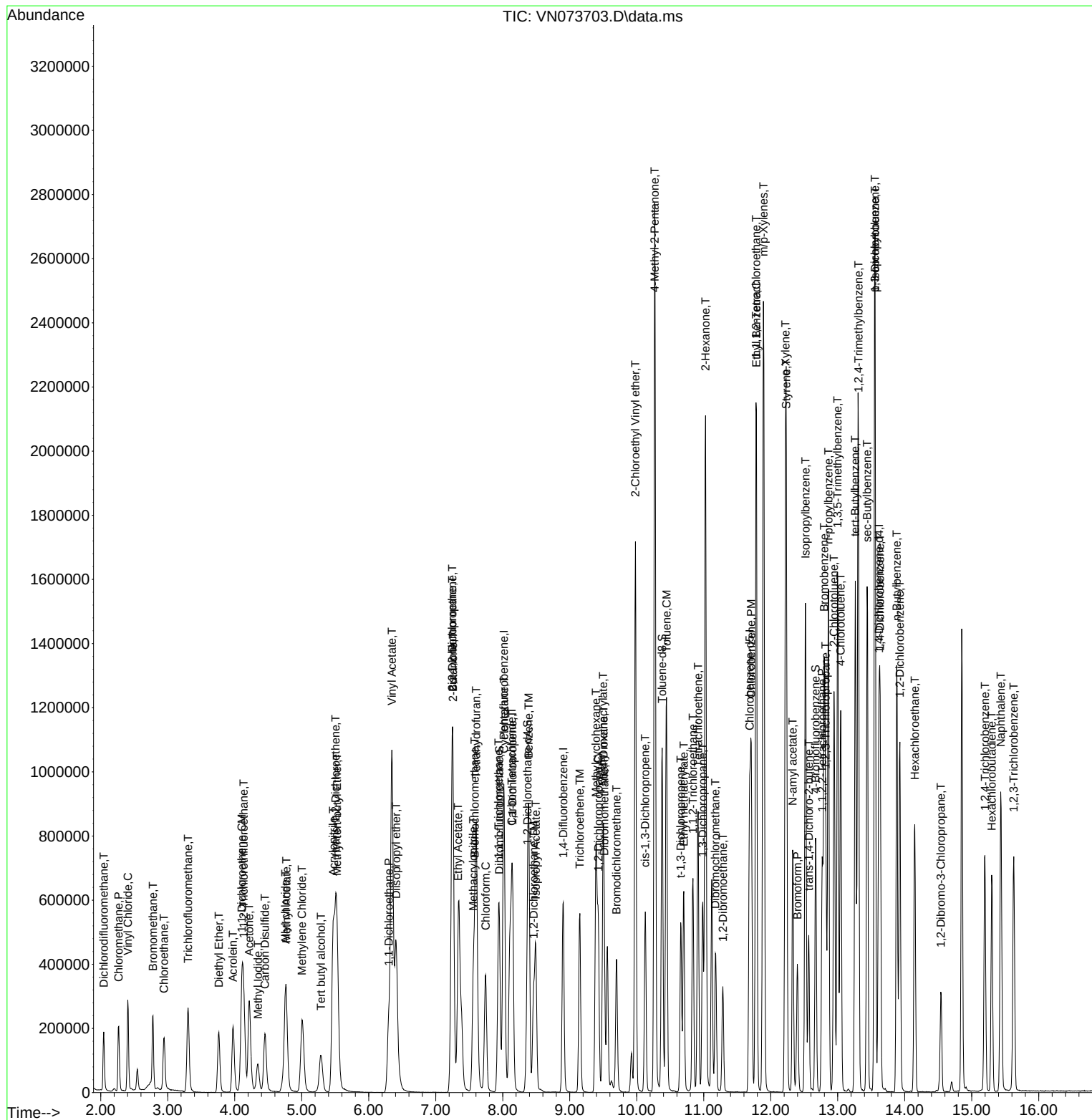
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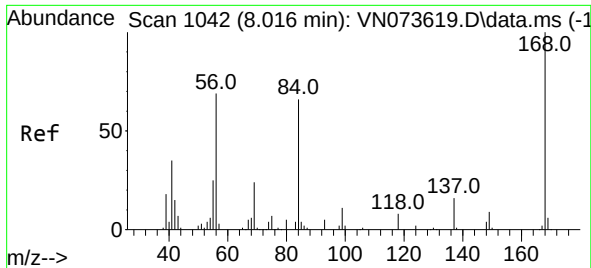
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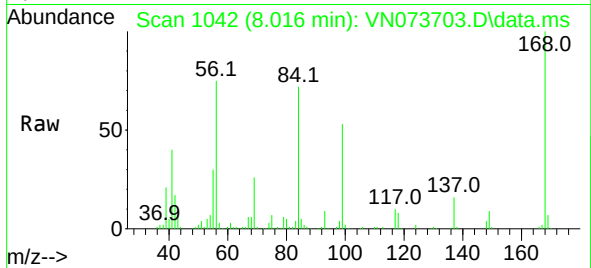
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
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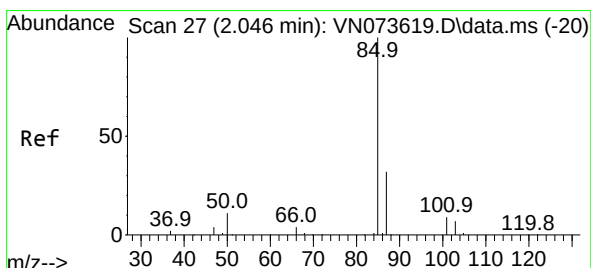
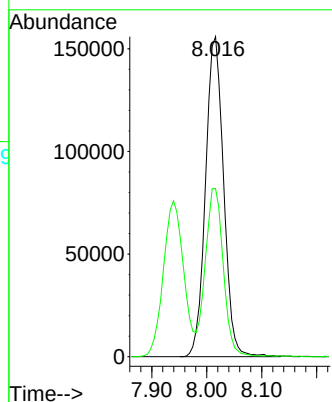
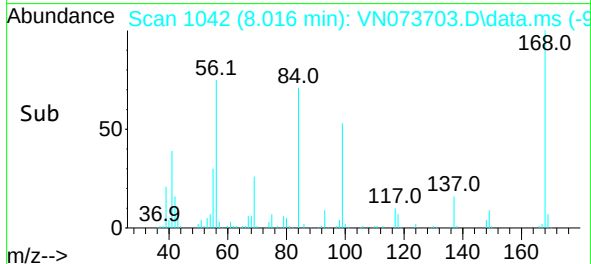
Instrument :
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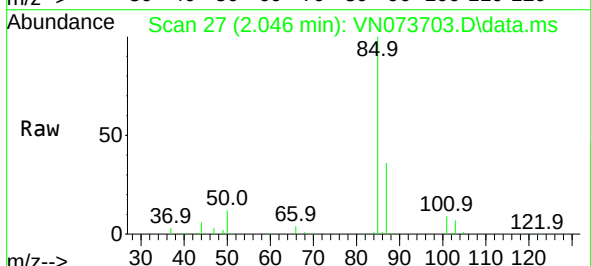
Tgt Ion:168 Resp: 356428
Ion Ratio Lower Upper
168 100
99 52.3 42.3 63.5

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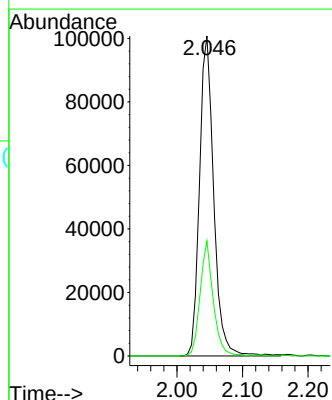
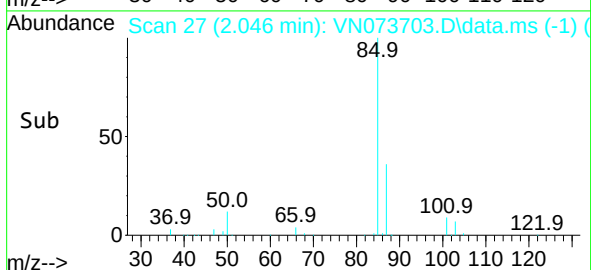
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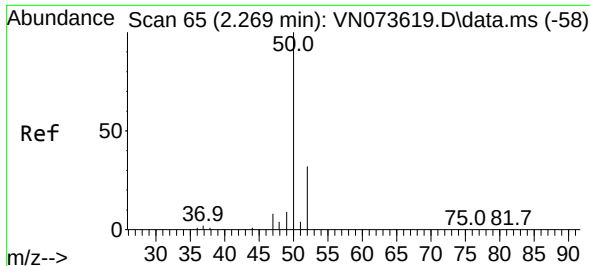


#2
Dichlorodifluoromethane
Concen: 44.078 ug/l
RT: 2.046 min Scan# 27
Delta R.T. 0.000 min
Lab File: VN073703.D
Acq: 03 Aug 2022 11:17



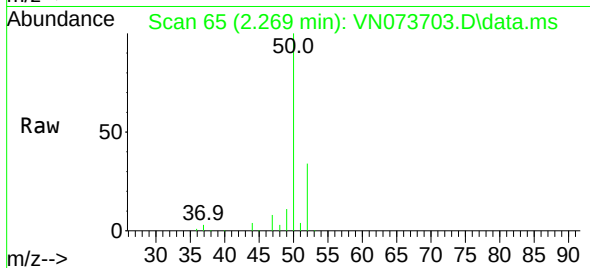
Tgt Ion: 85 Resp: 152383
Ion Ratio Lower Upper
85 100
87 36.0 15.7 47.1





#3
Chloromethane
Concen: 49.308 ug/l
RT: 2.269 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN073703.D
Acq: 03 Aug 2022 11:17

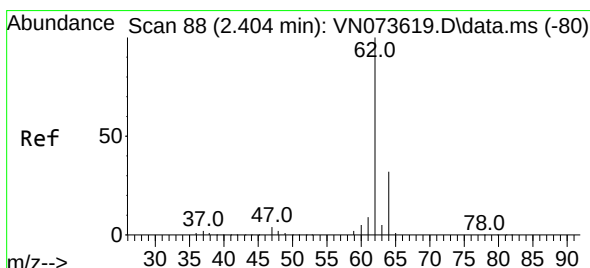
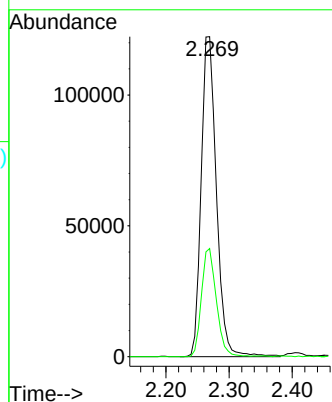
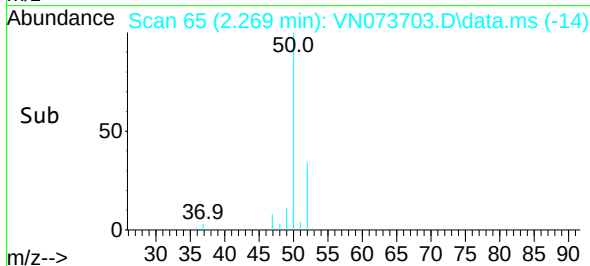
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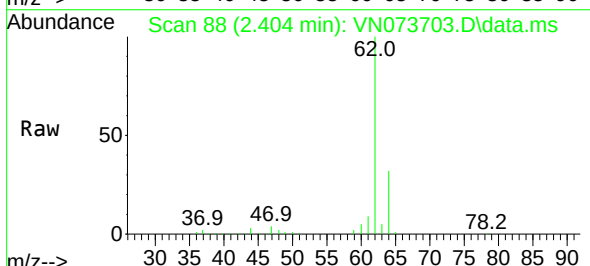
Tgt Ion: 50 Resp: 20502
Ion Ratio Lower Upper
50 100
52 33.8 25.7 38.5

Manual Integrations
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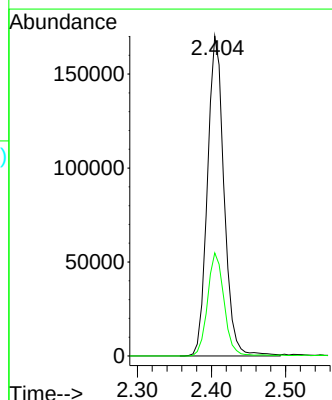
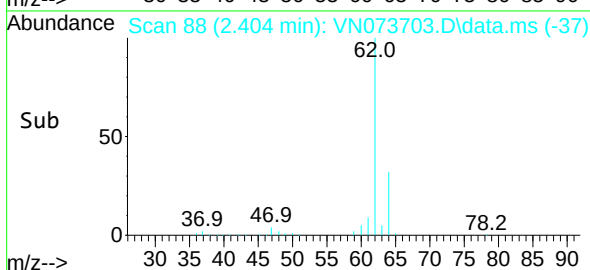
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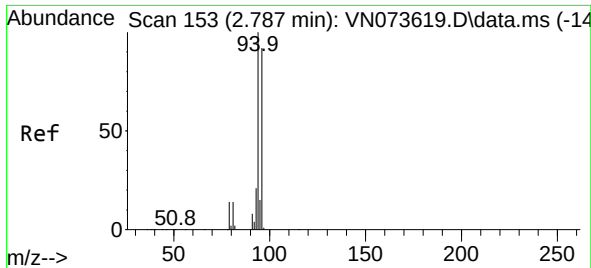


#4
Vinyl Chloride
Concen: 43.914 ug/l
RT: 2.404 min Scan# 88
Delta R.T. 0.000 min
Lab File: VN073703.D
Acq: 03 Aug 2022 11:17



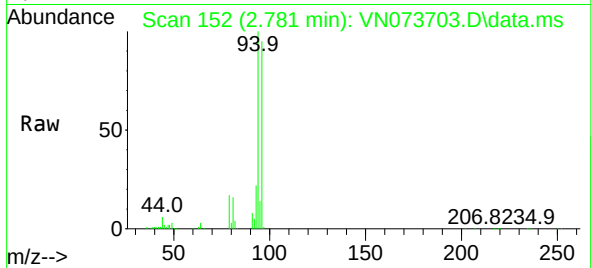
Tgt Ion: 62 Resp: 265514
Ion Ratio Lower Upper
62 100
64 32.2 25.0 37.4





#5
Bromomethane
Concen: 33.303 ug/l
RT: 2.781 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN073703.D
Acq: 03 Aug 2022 11:17

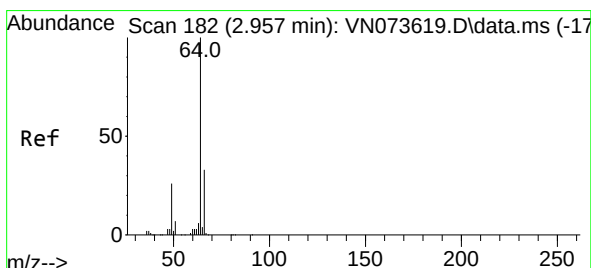
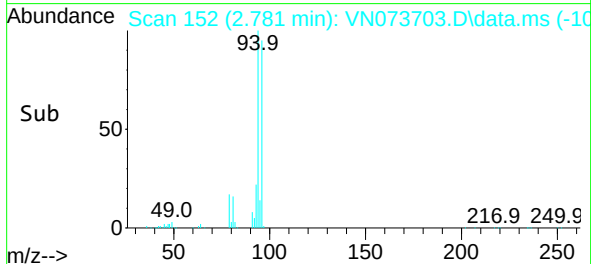
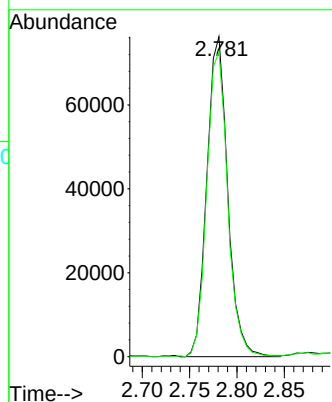
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Tgt Ion: 94 Resp: 116782
Ion Ratio Lower Upper
94 100
96 95.2 76.0 114.0

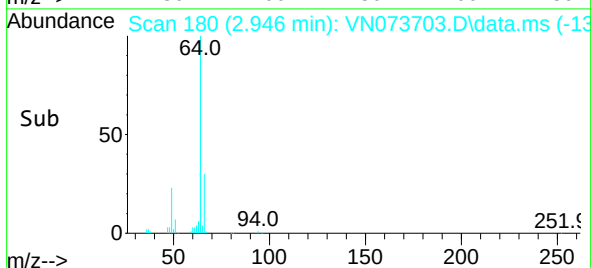
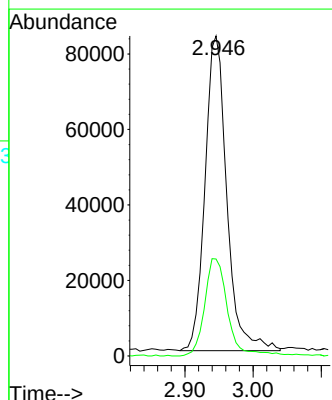
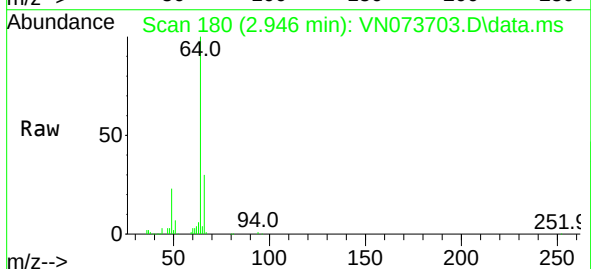
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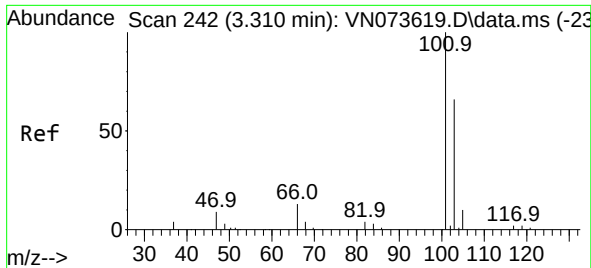
Reviewed By :John Carlone 08/04/2022
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#6
Chloroethane
Concen: 52.808 ug/l
RT: 2.946 min Scan# 180
Delta R.T. -0.011 min
Lab File: VN073703.D
Acq: 03 Aug 2022 11:17

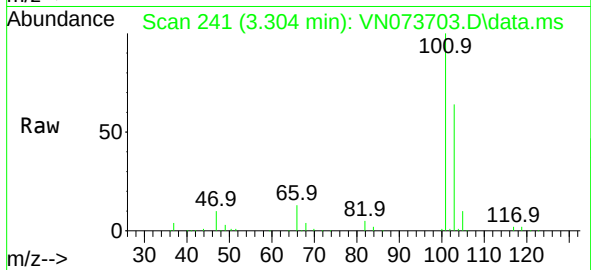
Tgt Ion: 64 Resp: 185809
Ion Ratio Lower Upper
64 100
66 30.8 26.2 39.4





#7
Trichlorofluoromethane
Concen: 45.805 ug/l
RT: 3.304 min Scan# 242
Delta R.T. -0.006 min
Lab File: VN073703.D
Acq: 03 Aug 2022 11:17

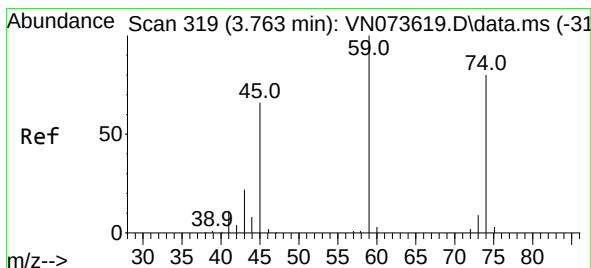
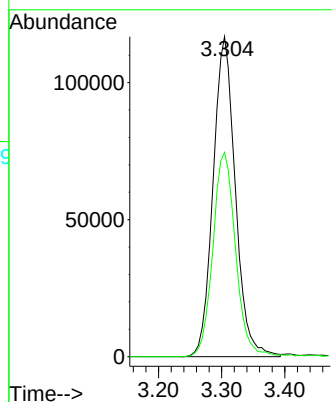
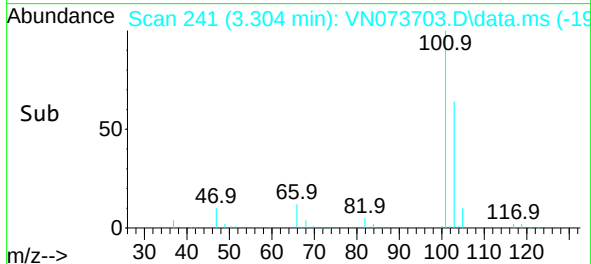
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Tgt Ion:101 Resp: 285420
Ion Ratio Lower Upper
101 100
103 63.9 51.5 77.3

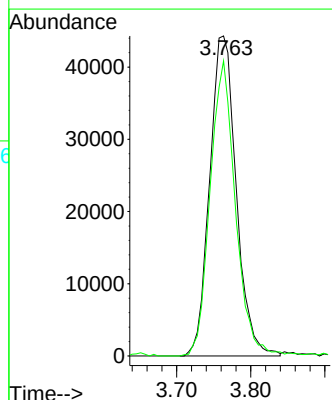
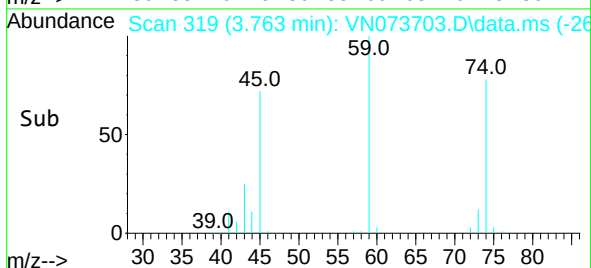
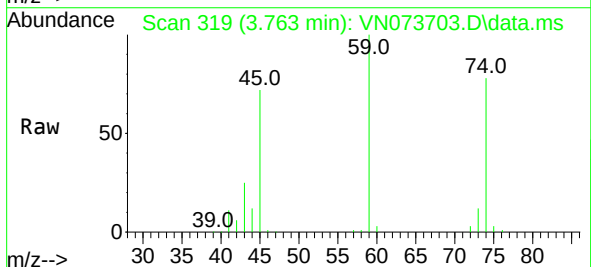
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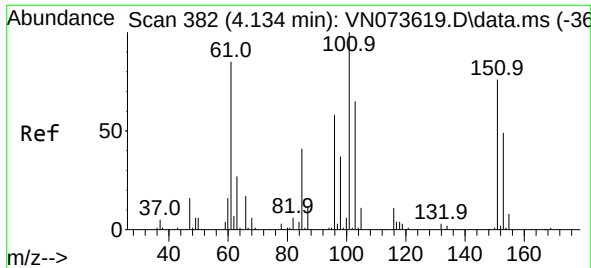
Reviewed By :John Carlone 08/04/2022
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#8
Diethyl Ether
Concen: 47.097 ug/l
RT: 3.763 min Scan# 319
Delta R.T. 0.000 min
Lab File: VN073703.D
Acq: 03 Aug 2022 11:17

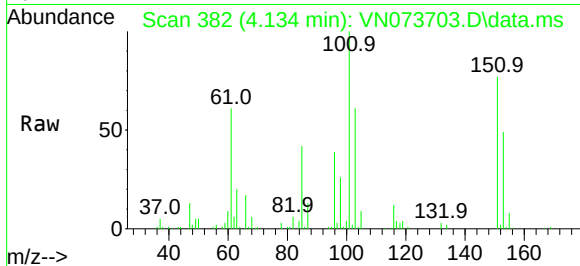
Tgt Ion: 74 Resp: 110197
Ion Ratio Lower Upper
74 100
45 88.1 42.9 128.5





#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.881 ug/l
RT: 4.134 min Scan# 382
Delta R.T. 0.000 min
Lab File: VN073703.D
Acq: 03 Aug 2022 11:17

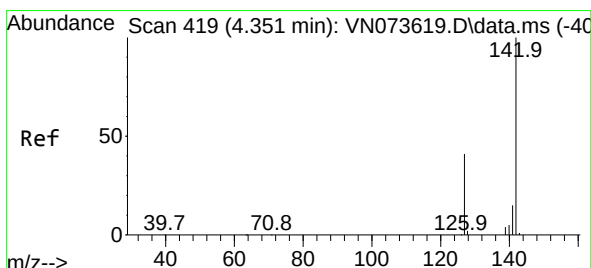
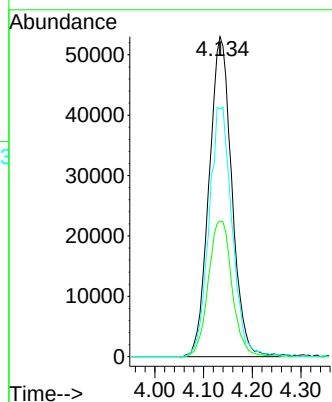
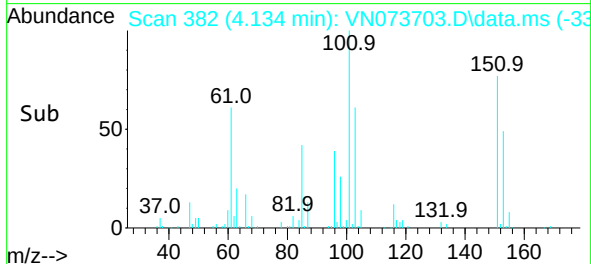
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



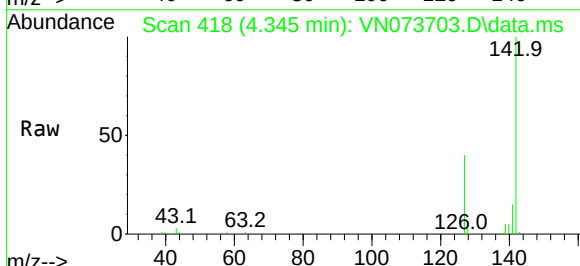
Tgt Ion:101 Resp: 171968
Ion Ratio Lower Upper
101 100
85 44.1 34.7 52.1
151 78.7 63.0 94.4

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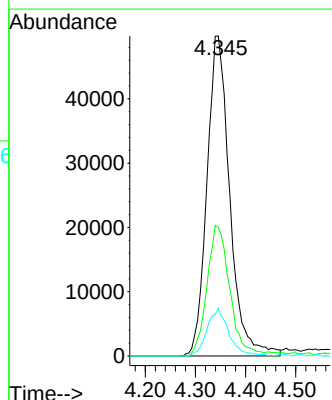
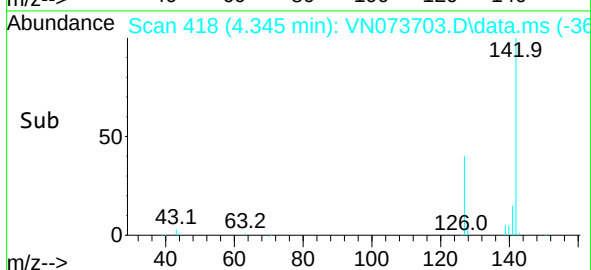
Reviewed By :John Carlone 08/04/2022
Supervised By :Mahesh Dadoda 08/04/2022

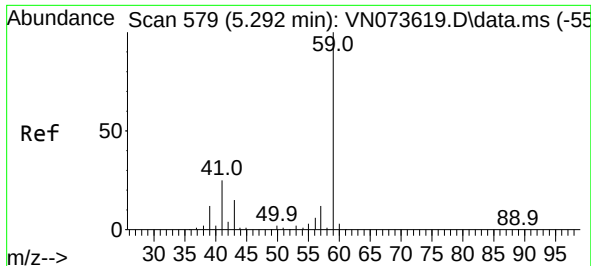


#10
Methyl Iodide
Concen: 44.911 ug/l
RT: 4.345 min Scan# 418
Delta R.T. -0.006 min
Lab File: VN073703.D
Acq: 03 Aug 2022 11:17



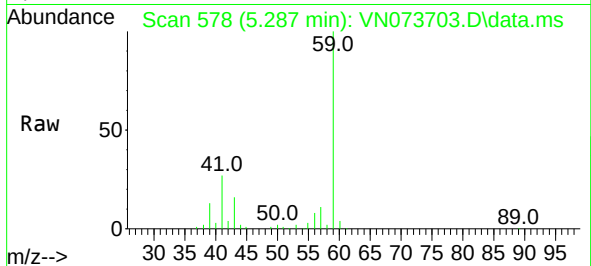
Tgt Ion:142 Resp: 157405
Ion Ratio Lower Upper
142 100
127 40.5 31.3 46.9
141 14.2 11.2 16.8





#11
Tert butyl alcohol
Concen: 227.413 ug/l
RT: 5.287 min Scan# 51
Delta R.T. -0.005 min
Lab File: VN073703.D
Acq: 03 Aug 2022 11:17

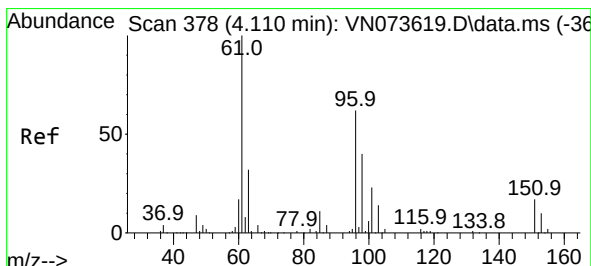
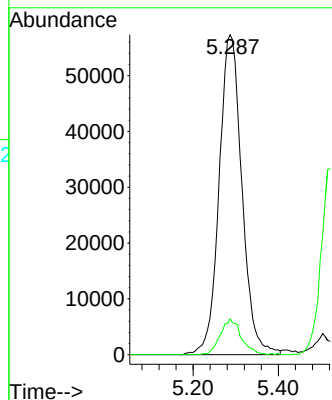
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 59 Resp: 213034
Ion Ratio Lower Upper
59 100
57 10.3 8.3 12.5

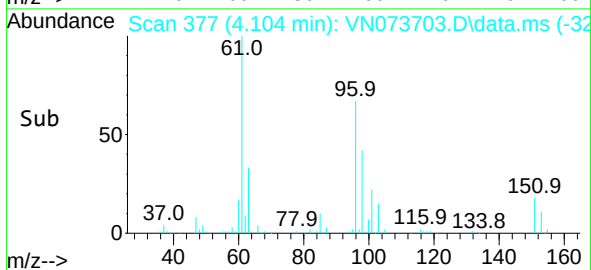
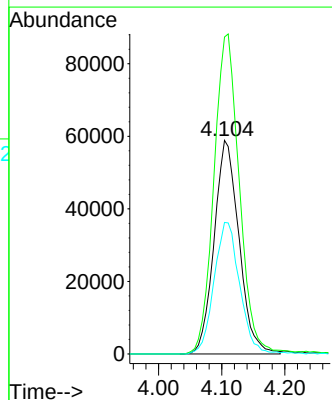
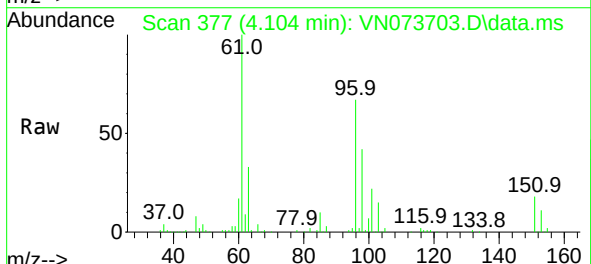
Manual Integrations
APPROVED

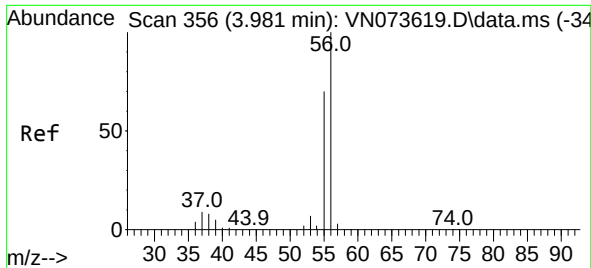
Reviewed By :John Carlone 08/04/2022
Supervised By :Mahesh Dadoda 08/04/2022



#12
1,1-Dichloroethene
Concen: 47.719 ug/l
RT: 4.104 min Scan# 377
Delta R.T. -0.006 min
Lab File: VN073703.D
Acq: 03 Aug 2022 11:17

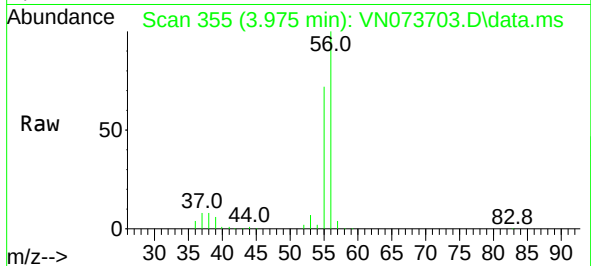
Tgt Ion: 96 Resp: 161369
Ion Ratio Lower Upper
96 100
61 148.4 127.6 191.4
98 61.6 51.2 76.8





#13
Acrolein
Concen: 276.779 ug/l
RT: 3.975 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN073703.D
Acq: 03 Aug 2022 11:17

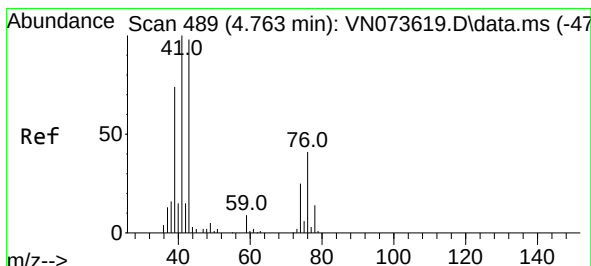
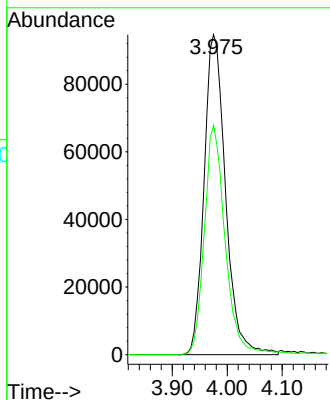
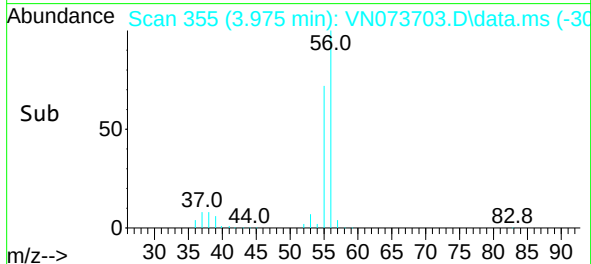
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 25704
Ion Ratio Lower Upper
56 100
55 69.7 54.8 82.2

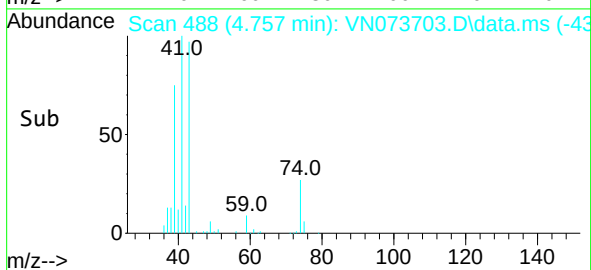
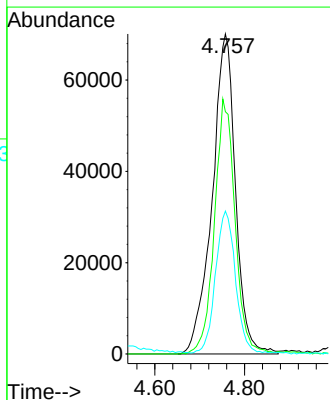
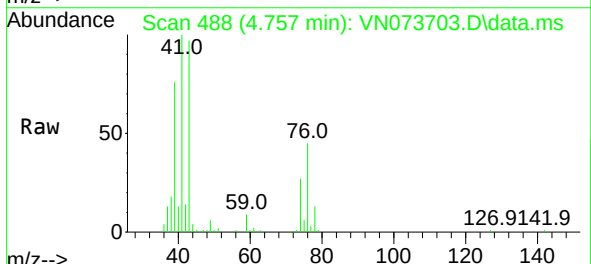
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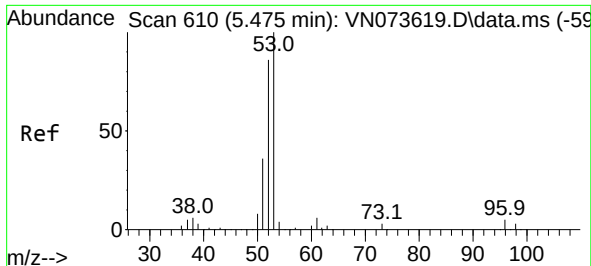
Reviewed By :John Carlone 08/04/2022
Supervised By :Mahesh Dadoda 08/04/2022



#14
Allyl chloride
Concen: 46.925 ug/l
RT: 4.757 min Scan# 488
Delta R.T. -0.006 min
Lab File: VN073703.D
Acq: 03 Aug 2022 11:17

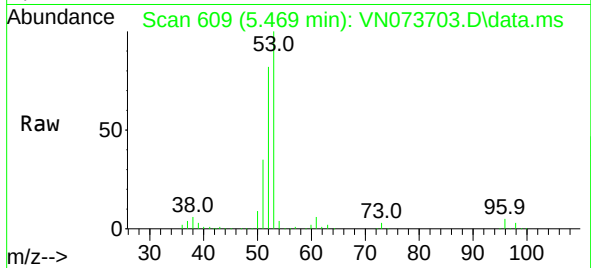
Tgt Ion: 41 Resp: 253704
Ion Ratio Lower Upper
41 100
39 70.2 53.2 79.8
76 37.7 29.9 44.9





#15
Acrylonitrile
Concen: 247.610 ug/l
RT: 5.469 min Scan# 609
Delta R.T. -0.006 min
Lab File: VN073703.D
Acq: 03 Aug 2022 11:17

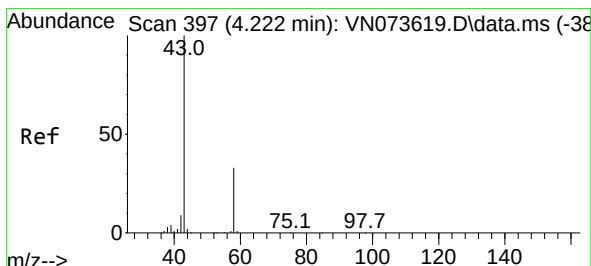
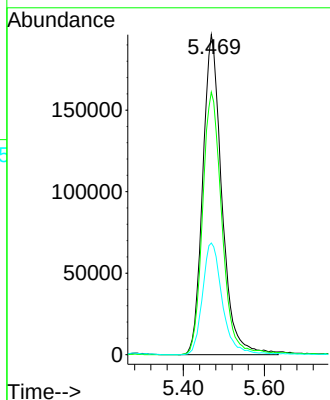
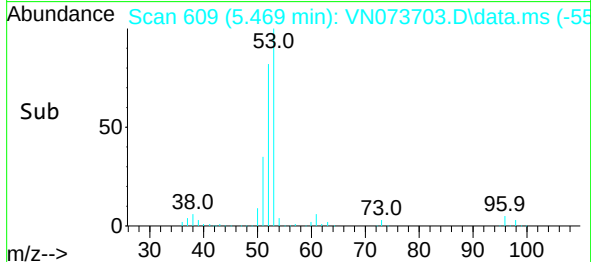
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 641627
Ion Ratio Lower Upper
53 100
52 83.2 66.4 99.6
51 35.8 28.5 42.7

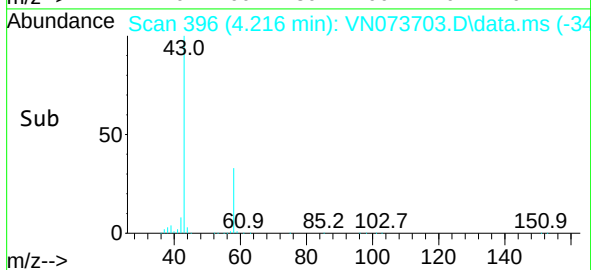
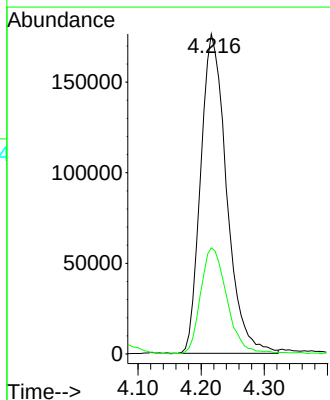
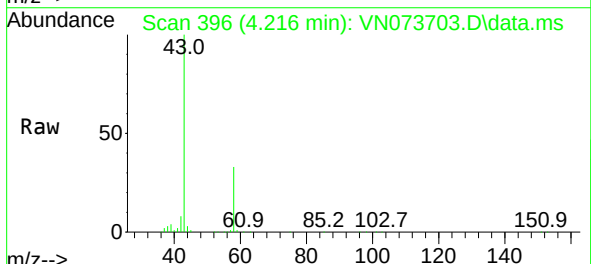
Manual Integrations
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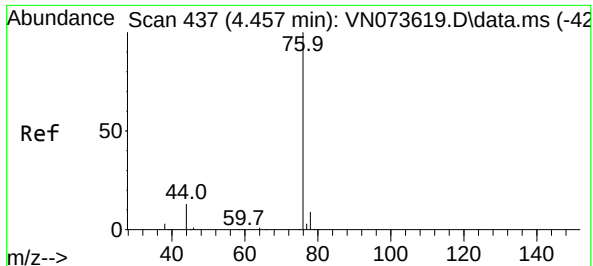
Reviewed By :John Carlone 08/04/2022
Supervised By :Mahesh Dadoda 08/04/2022



#16
Acetone
Concen: 215.742 ug/l
RT: 4.216 min Scan# 396
Delta R.T. -0.006 min
Lab File: VN073703.D
Acq: 03 Aug 2022 11:17

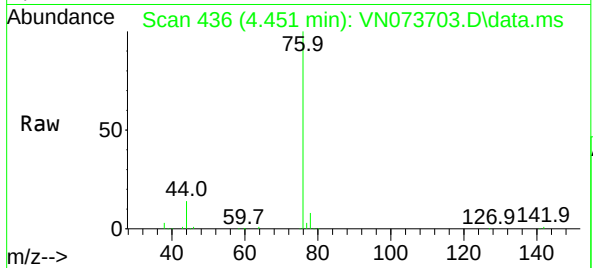
Tgt Ion: 43 Resp: 503330
Ion Ratio Lower Upper
43 100
58 33.0 26.0 39.0





#17
Carbon Disulfide
Concen: 45.781 ug/l
RT: 4.451 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN073703.D
Acq: 03 Aug 2022 11:17

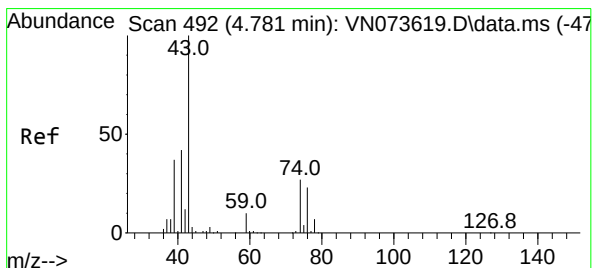
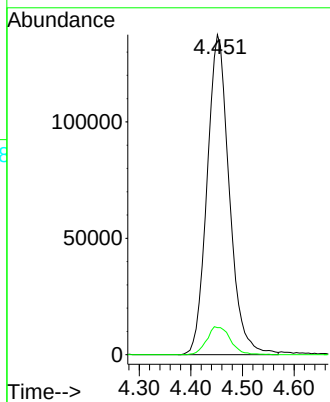
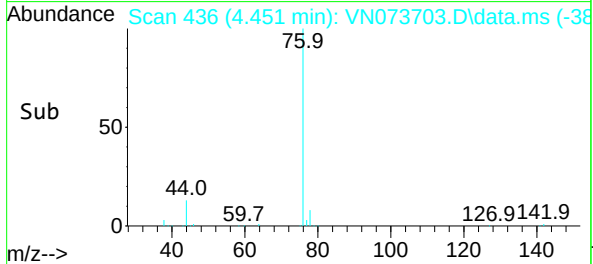
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 410502
Ion Ratio Lower Upper
76 100
78 8.5 7.2 10.8

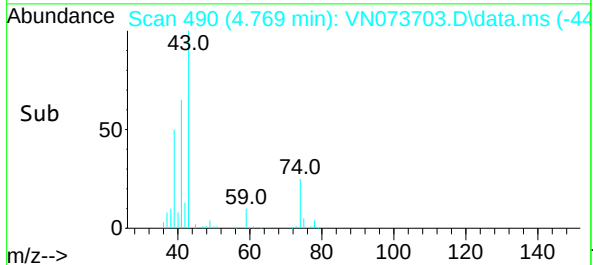
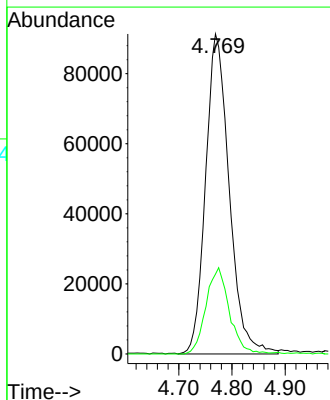
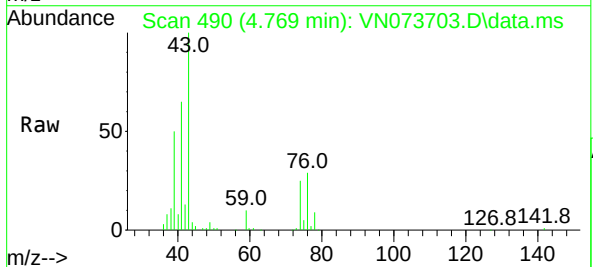
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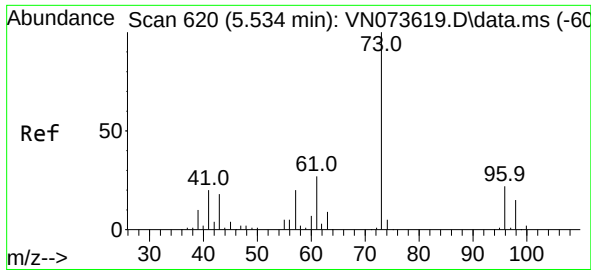
Reviewed By :John Carlone 08/04/2022
Supervised By :Mahesh Dadoda 08/04/2022



#18
Methyl Acetate
Concen: 48.513 ug/l
RT: 4.769 min Scan# 490
Delta R.T. -0.012 min
Lab File: VN073703.D
Acq: 03 Aug 2022 11:17

Tgt Ion: 43 Resp: 281584
Ion Ratio Lower Upper
43 100
74 26.6 21.6 32.4





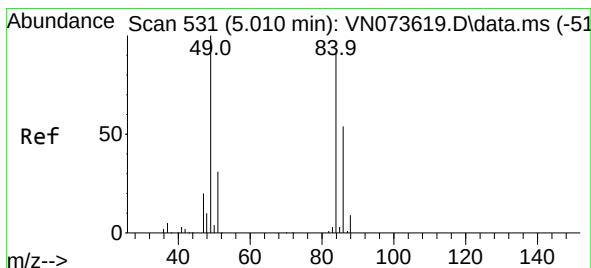
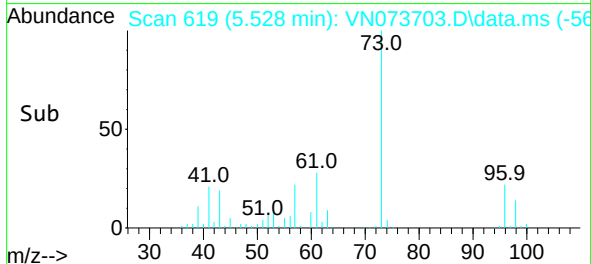
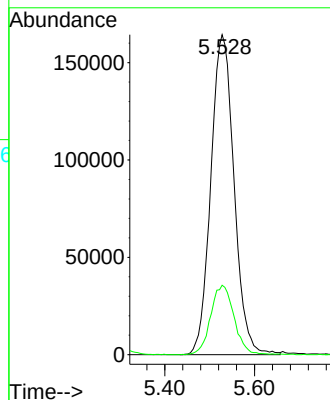
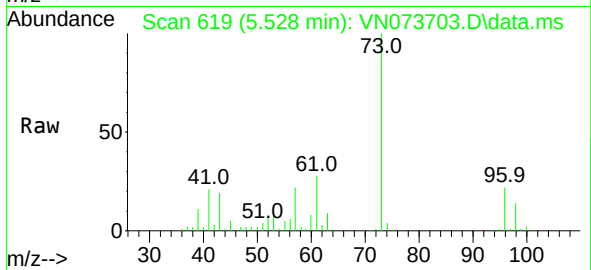
#19
Methyl tert-butyl Ether
Concen: 51.128 ug/l
RT: 5.528 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN073703.D
Acq: 03 Aug 2022 11:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 59066
Ion Ratio Lower Upper
73 100
57 21.7 17.6 26.4

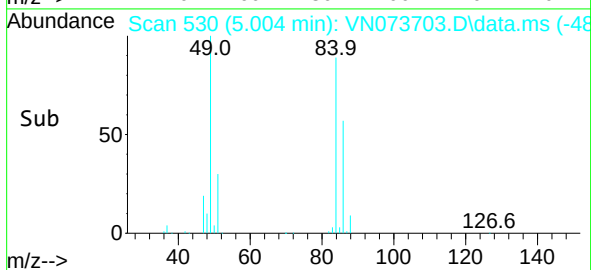
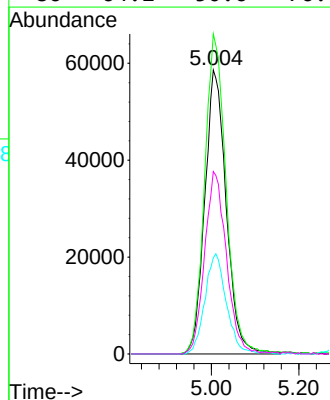
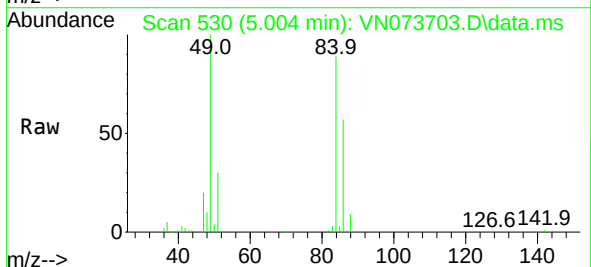
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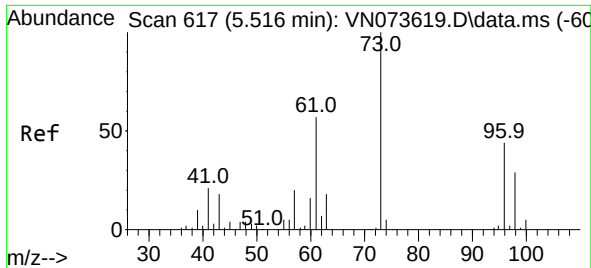
Reviewed By :John Carlone 08/04/2022
Supervised By :Mahesh Dadoda 08/04/2022



#20
Methylene Chloride
Concen: 53.231 ug/l
RT: 5.004 min Scan# 530
Delta R.T. -0.006 min
Lab File: VN073703.D
Acq: 03 Aug 2022 11:17

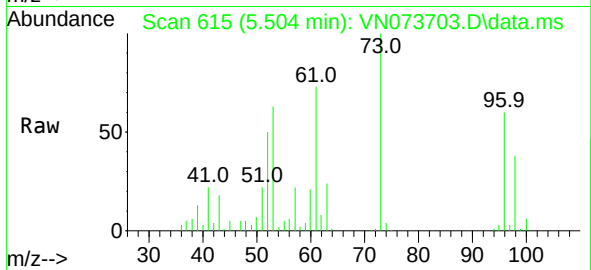
Tgt Ion: 84 Resp: 200367
Ion Ratio Lower Upper
84 100
49 112.7 88.3 132.5
51 33.8 28.2 42.2
86 64.2 50.6 76.0





#21
trans-1,2-Dichloroethene
Concen: 50.191 ug/l
RT: 5.504 min Scan# 615
Delta R.T. -0.012 min
Lab File: VN073703.D
Acq: 03 Aug 2022 11:17

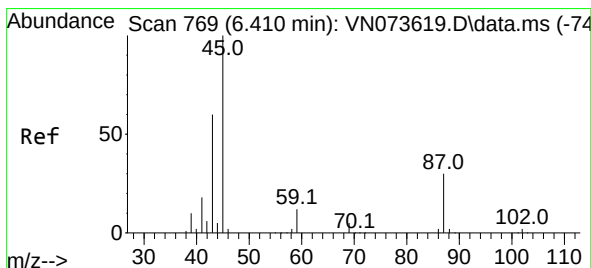
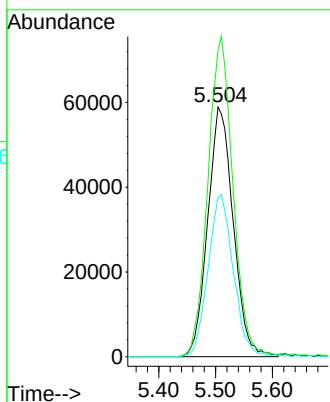
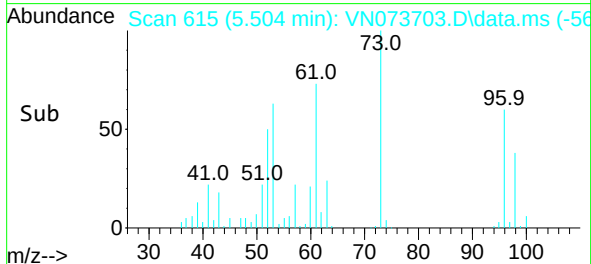
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 18373
Ion Ratio Lower Upper
96 100
61 123.0 105.8 158.8
98 63.7 50.3 75.5

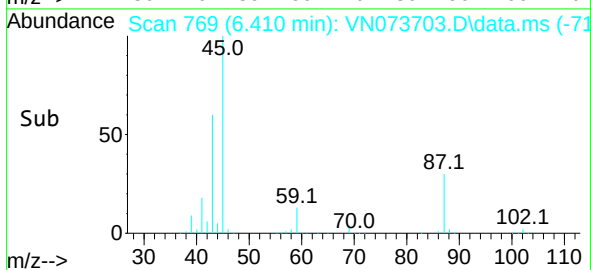
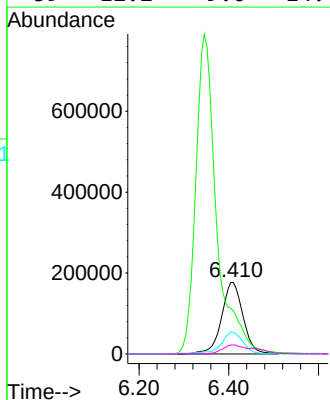
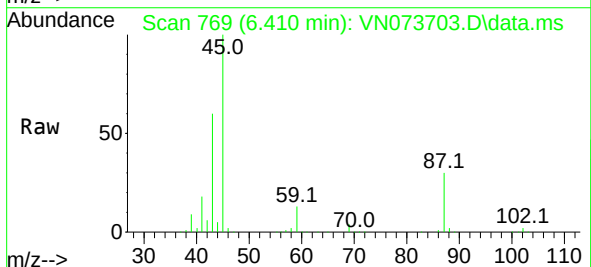
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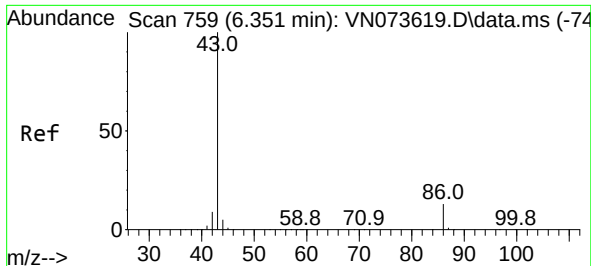
Reviewed By :John Carlone 08/04/2022
Supervised By :Mahesh Dadoda 08/04/2022



#22
Diisopropyl ether
Concen: 50.418 ug/l
RT: 6.410 min Scan# 769
Delta R.T. -0.000 min
Lab File: VN073703.D
Acq: 03 Aug 2022 11:17

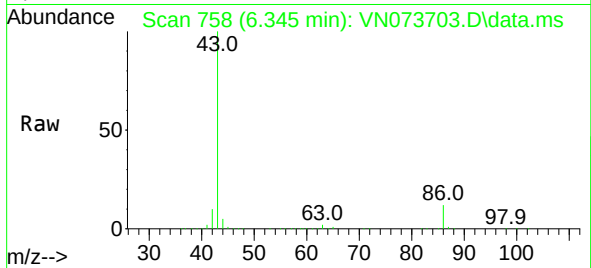
Tgt Ion: 45 Resp: 588090
Ion Ratio Lower Upper
45 100
43 58.6 46.6 70.0
87 29.7 24.3 36.5
59 12.2 9.6 14.4





#23
 Vinyl Acetate
 Concen: 261.684 ug/l
 RT: 6.345 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: VN073703.D
 Acq: 03 Aug 2022 11:17

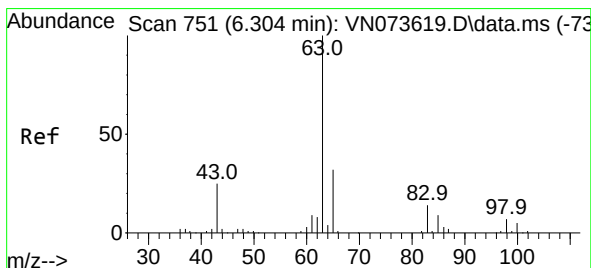
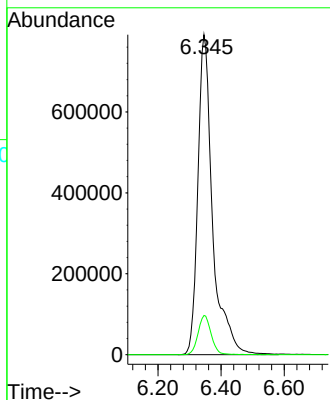
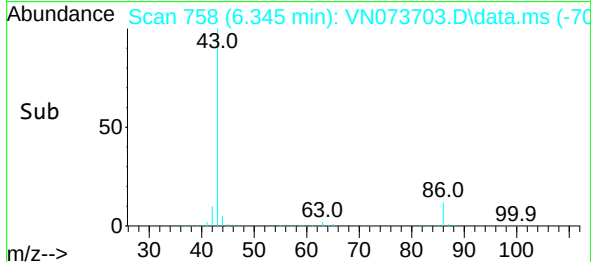
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 43 Resp: 255914
 Ion Ratio Lower Upper
 43 100
 86 12.2 10.0 15.0

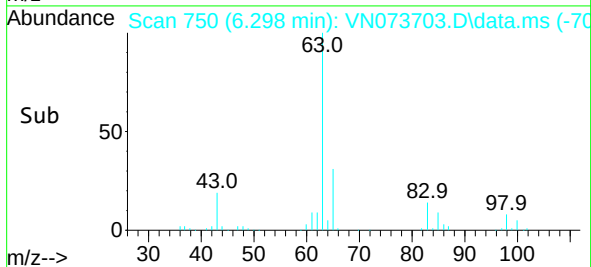
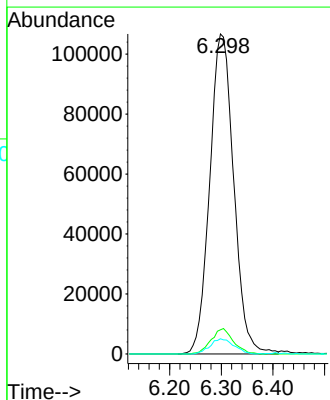
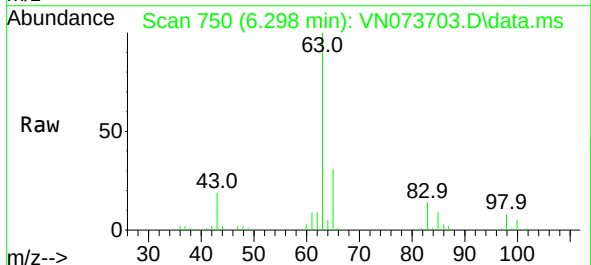
Manual Integrations
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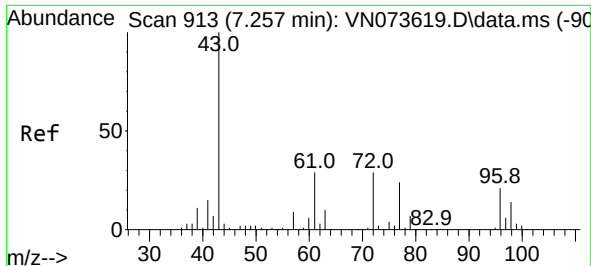
Reviewed By :John Carlone 08/04/2022
 Supervised By :Mahesh Dadoda 08/04/2022



#24
 1,1-Dichloroethane
 Concen: 47.923 ug/l
 RT: 6.298 min Scan# 750
 Delta R.T. -0.006 min
 Lab File: VN073703.D
 Acq: 03 Aug 2022 11:17

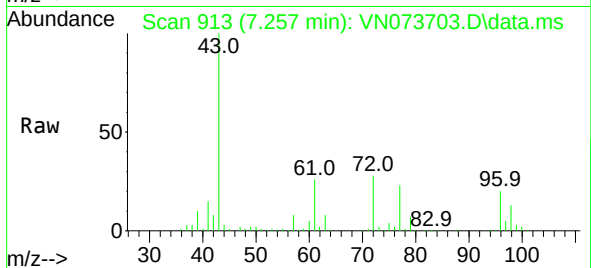
Tgt Ion: 63 Resp: 343897
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.5 10.4
 100 4.8 2.3 6.8





#25
2-Butanone
Concen: 239.241 ug/l
RT: 7.257 min Scan# 913
Delta R.T. 0.000 min
Lab File: VN073703.D
Acq: 03 Aug 2022 11:17

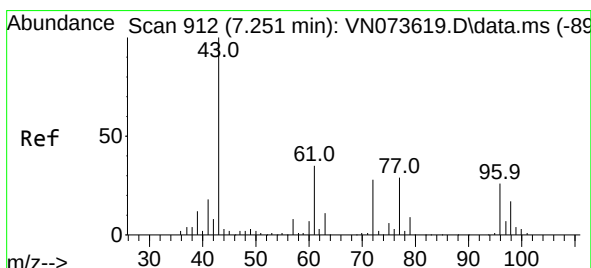
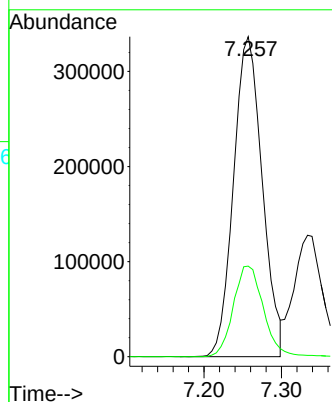
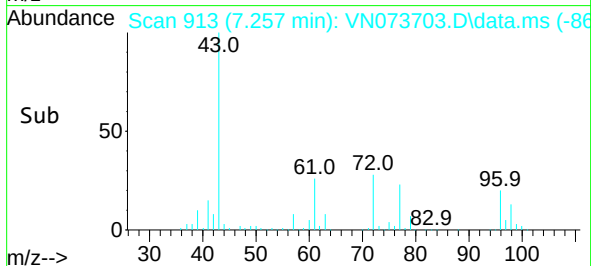
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



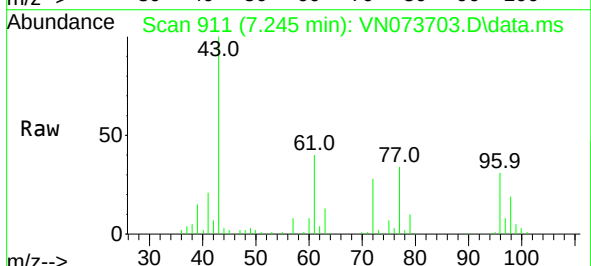
Tgt Ion: 43 Resp: 866798
Ion Ratio Lower Upper
43 100
72 28.3 23.7 35.5

Manual Integrations
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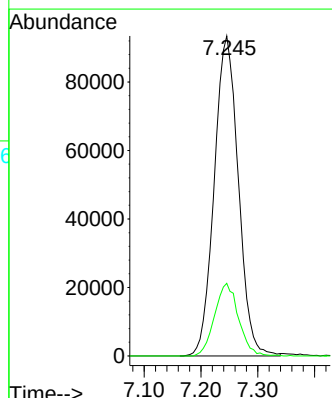
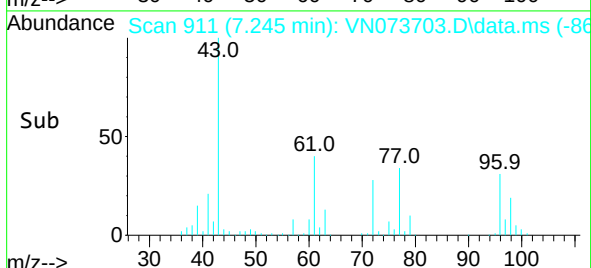
Reviewed By :John Carlone 08/04/2022
Supervised By :Mahesh Dadoda 08/04/2022

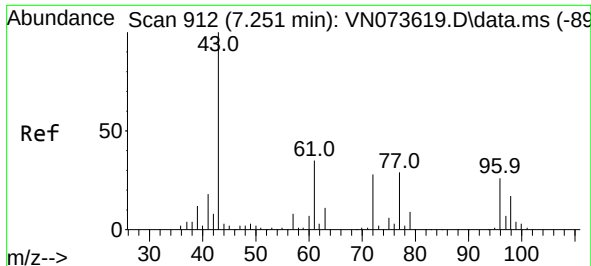


#26
2,2-Dichloropropane
Concen: 49.847 ug/l
RT: 7.245 min Scan# 911
Delta R.T. -0.006 min
Lab File: VN073703.D
Acq: 03 Aug 2022 11:17



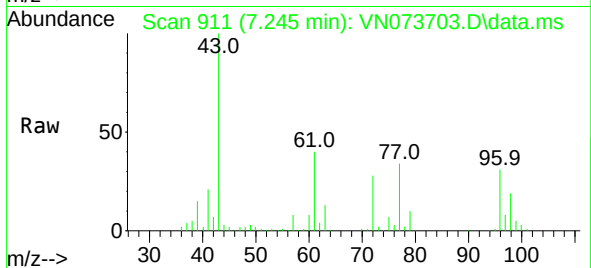
Tgt Ion: 77 Resp: 275205
Ion Ratio Lower Upper
77 100
97 22.6 11.4 34.2





#27
 cis-1,2-Dichloroethene
 Concen: 49.982 ug/l
 RT: 7.245 min Scan# 911
 Delta R.T. -0.006 min
 Lab File: VN073703.D
 Acq: 03 Aug 2022 11:17

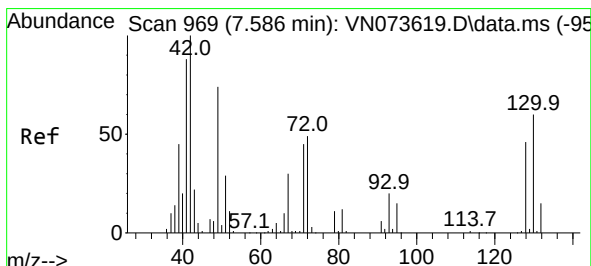
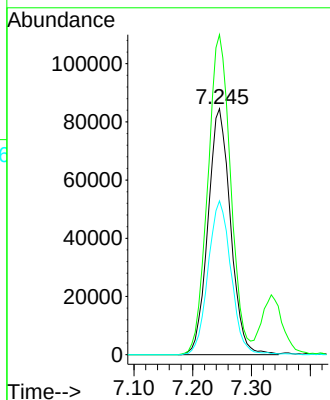
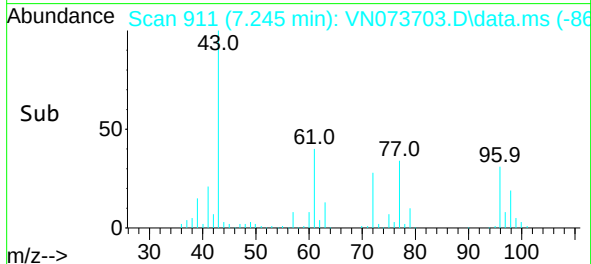
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 22543
 Ion Ratio Lower Upper
 96 100
 61 131.9 0.0 280.6
 98 63.7 0.0 128.4

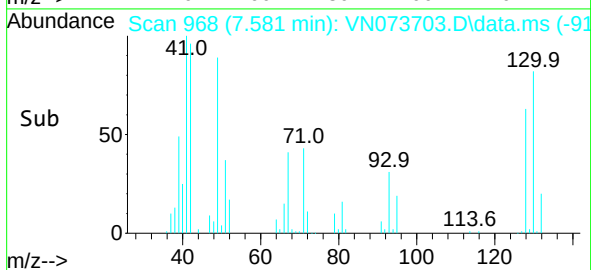
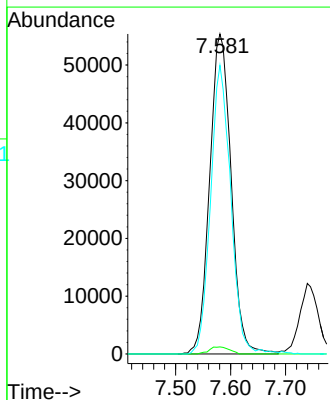
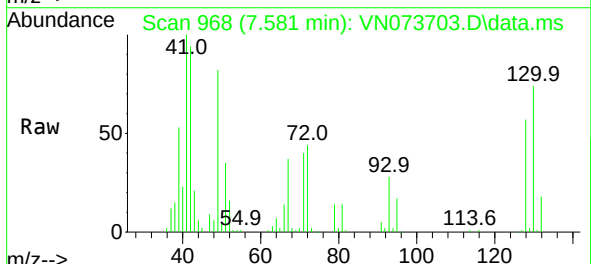
Manual Integrations
 APPROVED

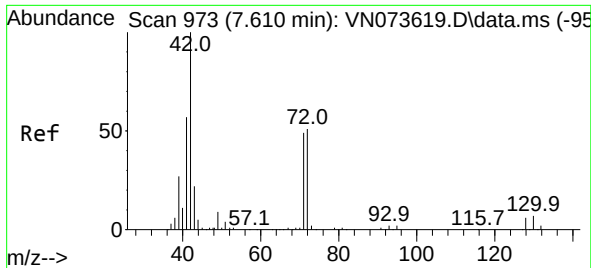
Reviewed By :John Carlone 08/04/2022
 Supervised By :Mahesh Dadoda 08/04/2022



#28
 Bromochloromethane
 Concen: 49.828 ug/l
 RT: 7.581 min Scan# 968
 Delta R.T. -0.006 min
 Lab File: VN073703.D
 Acq: 03 Aug 2022 11:17

Tgt Ion: 49 Resp: 150134
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.6
 130 84.9 69.7 104.5





#29

Tetrahydrofuran

Concen: 245.164 ug/l

RT: 7.604 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN073703.D

Acq: 03 Aug 2022 11:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 56159

Ion Ratio Lower Upper

42 100

72 50.6 39.7 59.5

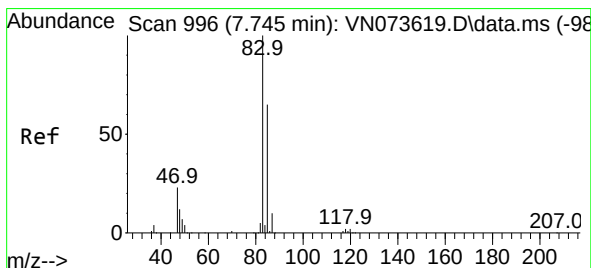
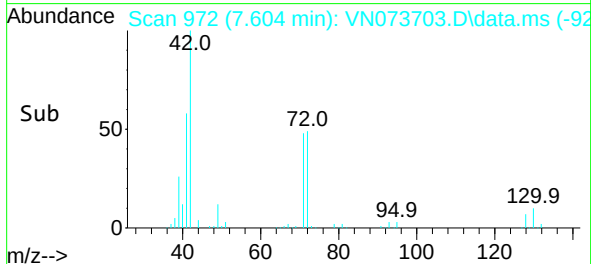
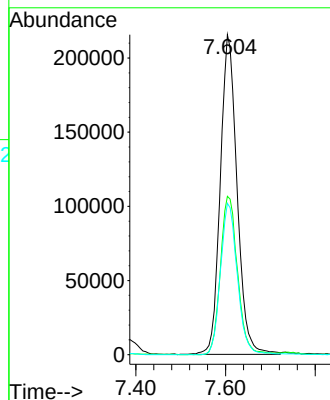
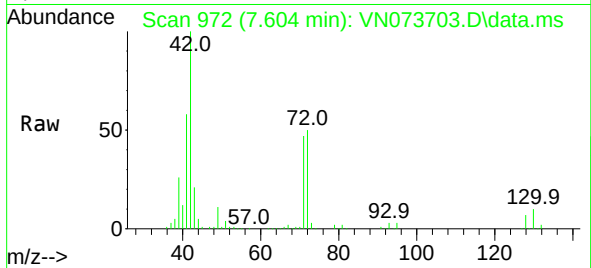
71 47.6 36.6 55.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/04/2022

Supervised By :Mahesh Dadoda 08/04/2022



#30

Chloroform

Concen: 49.185 ug/l

RT: 7.745 min Scan# 996

Delta R.T. -0.000 min

Lab File: VN073703.D

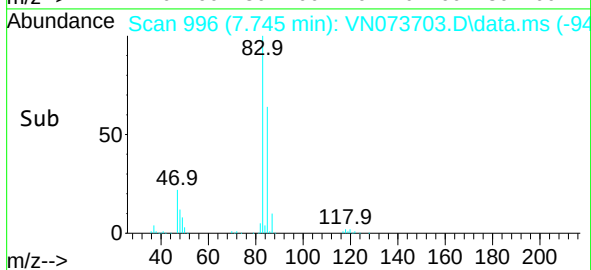
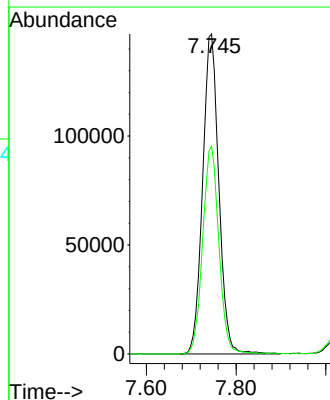
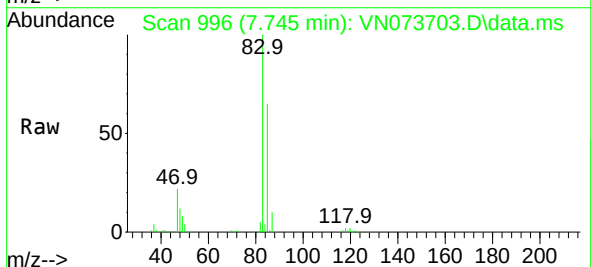
Acq: 03 Aug 2022 11:17

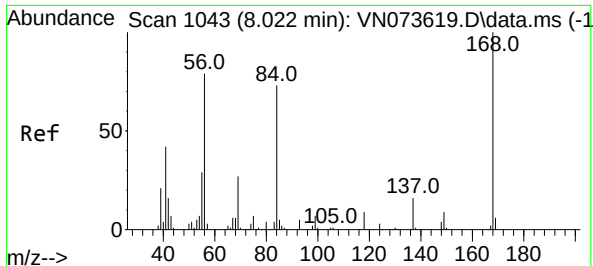
Tgt Ion: 83 Resp: 367736

Ion Ratio Lower Upper

83 100

85 64.9 51.8 77.8





#31

Cyclohexane

Concen: 47.086 ug/l

RT: 8.022 min Scan# 1043

Delta R.T. 0.000 min

Lab File: VN073703.D

Acq: 03 Aug 2022 11:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 30449

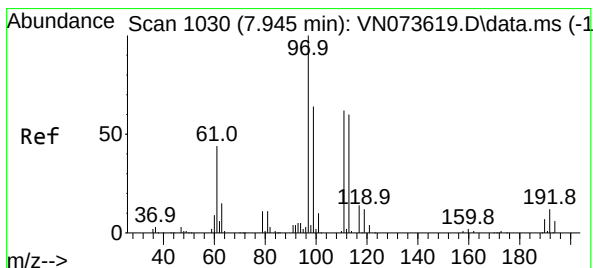
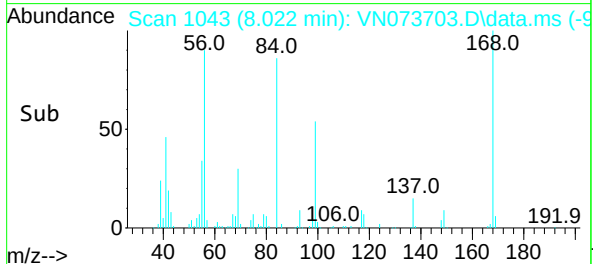
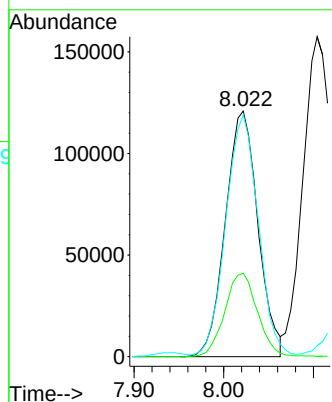
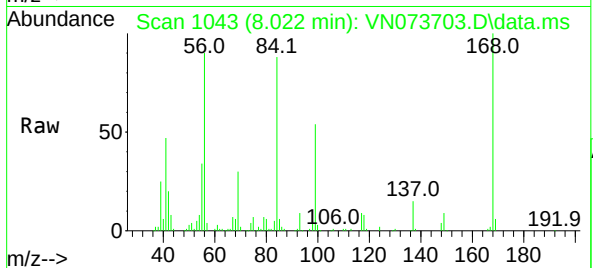
Ion	Ratio	Lower	Upper
56	100		
69	34.0	27.8	41.8
84	97.2	76.9	115.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/04/2022

Supervised By :Mahesh Dadoda 08/04/2022



#32

1,1,1-Trichloroethane

Concen: 48.952 ug/l

RT: 7.939 min Scan# 1029

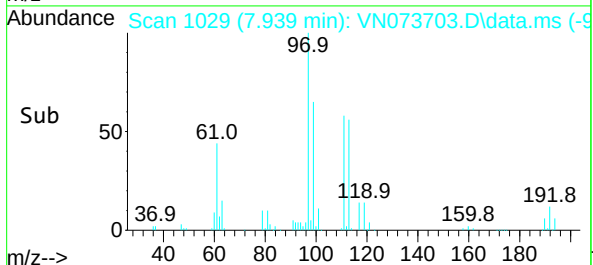
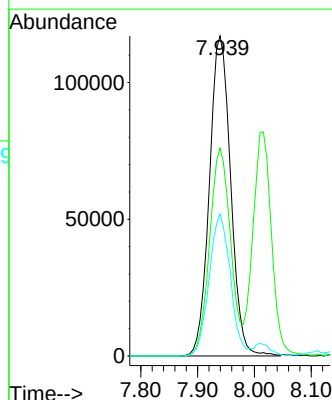
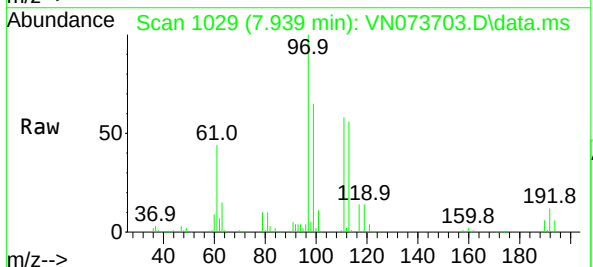
Delta R.T. -0.006 min

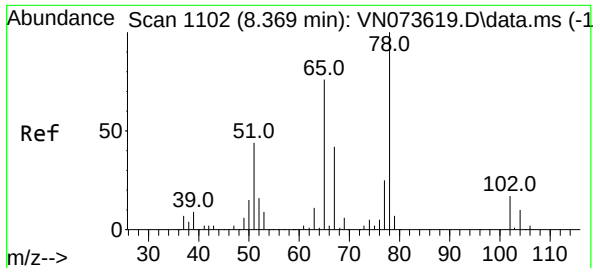
Lab File: VN073703.D

Acq: 03 Aug 2022 11:17

Tgt Ion: 97 Resp: 303889

Ion	Ratio	Lower	Upper
97	100		
99	64.7	50.6	76.0
61	44.8	36.0	54.0





#33

1,2-Dichloroethane-d4

Concen: 51.519 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VN073703.D

Acq: 03 Aug 2022 11:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 22378

Ion Ratio Lower Upper

65 100

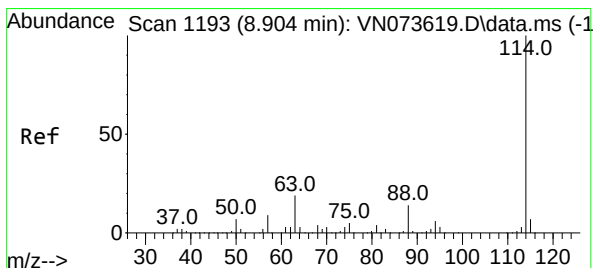
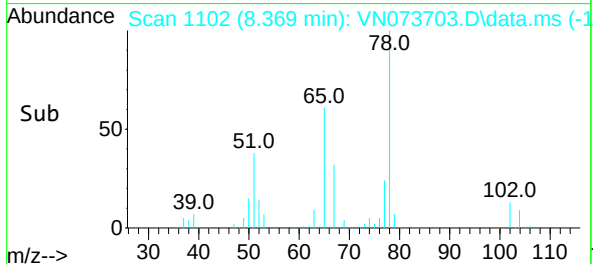
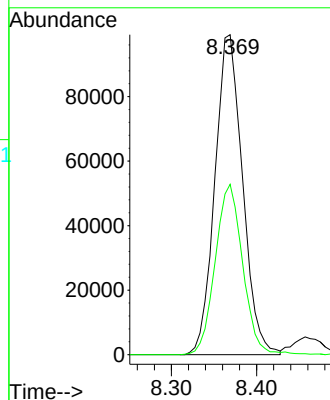
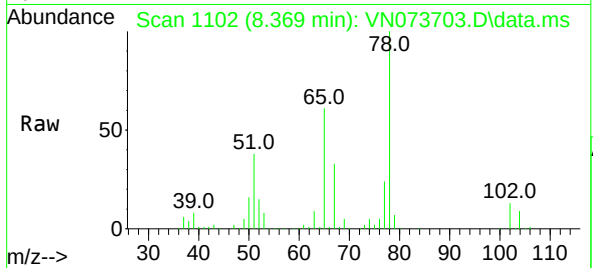
67 53.0 0.0 104.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/04/2022

Supervised By :Mahesh Dadoda 08/04/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. -0.000 min

Lab File: VN073703.D

Acq: 03 Aug 2022 11:17

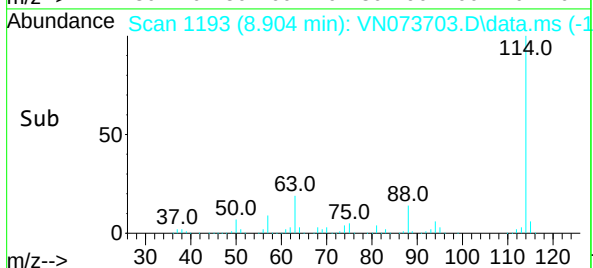
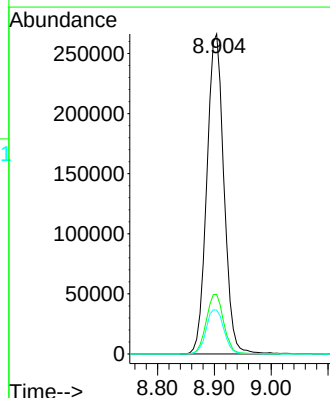
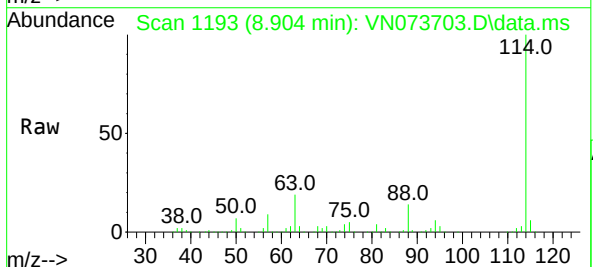
Tgt Ion:114 Resp: 554173

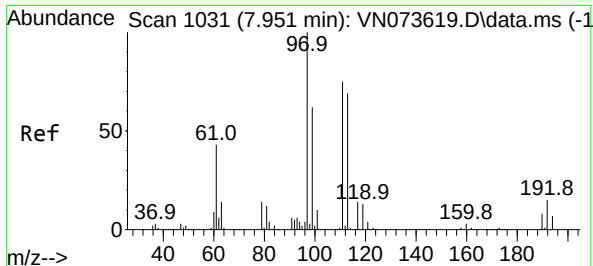
Ion Ratio Lower Upper

114 100

63 18.7 0.0 40.0

88 13.7 0.0 32.6





#35

Dibromofluoromethane

Concen: 54.761 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073703.D

Acq: 03 Aug 2022 11:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:113 Resp: 190559

Ion Ratio Lower Upper

113 100

111 103.8 81.4 122.0

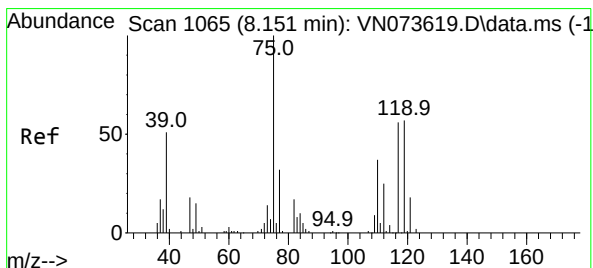
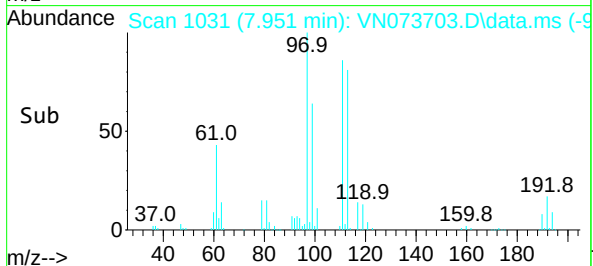
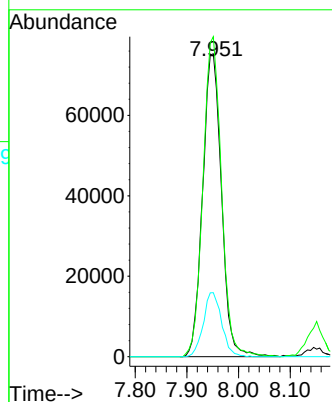
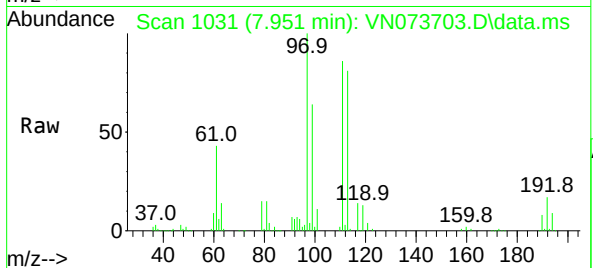
192 20.6 17.0 25.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/04/2022

Supervised By :Mahesh Dadoda 08/04/2022



#36

1,1-Dichloropropene

Concen: 54.273 ug/l

RT: 8.145 min Scan# 1064

Delta R.T. -0.006 min

Lab File: VN073703.D

Acq: 03 Aug 2022 11:17

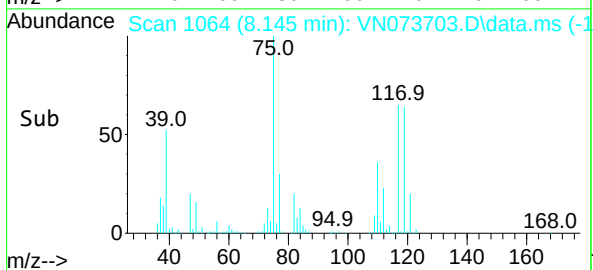
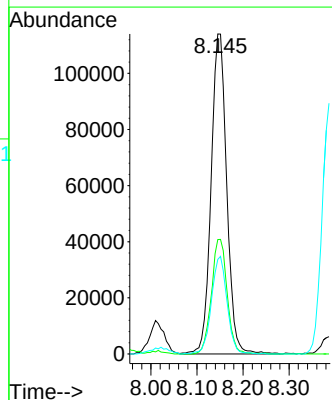
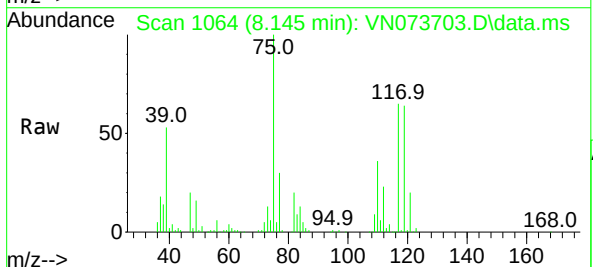
Tgt Ion: 75 Resp: 269176

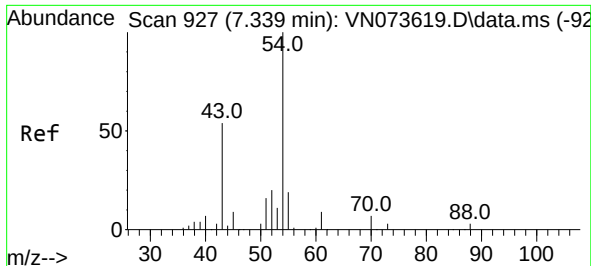
Ion Ratio Lower Upper

75 100

110 35.9 18.3 54.8

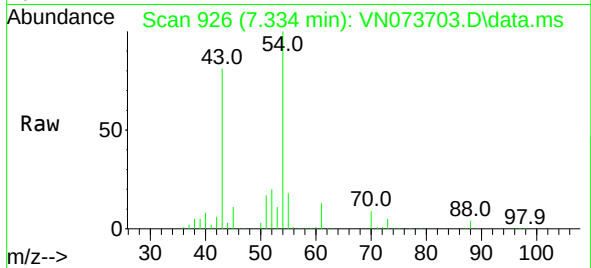
77 30.4 25.1 37.7





#37
Ethyl Acetate
Concen: 52.127 ug/l
RT: 7.334 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN073703.D
Acq: 03 Aug 2022 11:17

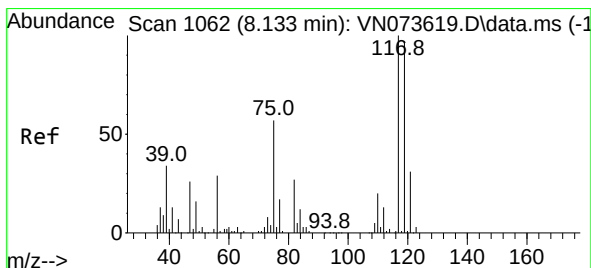
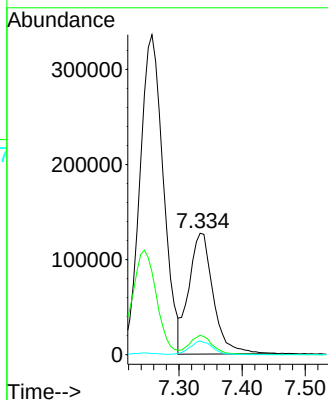
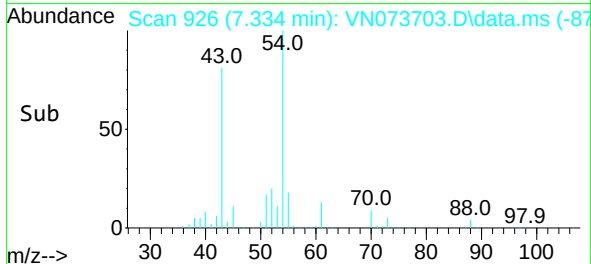
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 340475
Ion Ratio Lower Upper
43 100
61 15.4 11.8 17.6
70 10.6 9.3 13.9

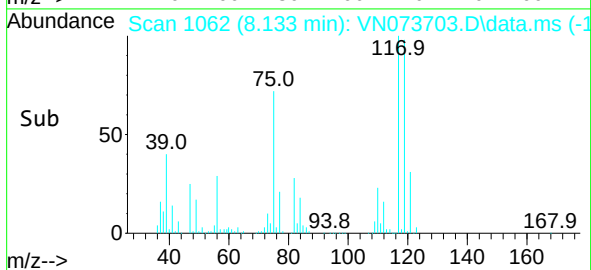
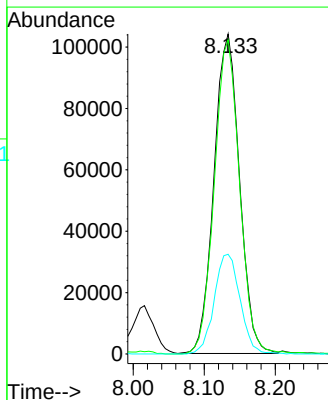
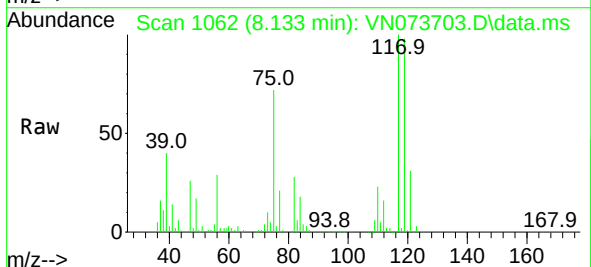
Manual Integrations
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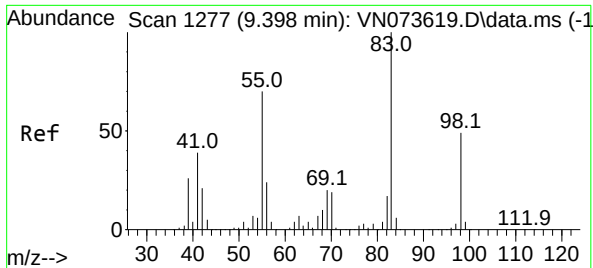
Reviewed By :John Carlone 08/04/2022
Supervised By :Mahesh Dadoda 08/04/2022



#38
Carbon Tetrachloride
Concen: 51.563 ug/l
RT: 8.133 min Scan# 1062
Delta R.T. -0.000 min
Lab File: VN073703.D
Acq: 03 Aug 2022 11:17

Tgt Ion:117 Resp: 259733
Ion Ratio Lower Upper
117 100
119 98.3 75.8 113.8
121 31.2 24.6 37.0





#39

Methylcyclohexane

Concen: 56.080 ug/l

RT: 9.392 min Scan# 1105

Delta R.T. -0.006 min

Lab File: VN073703.D

Acq: 03 Aug 2022 11:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

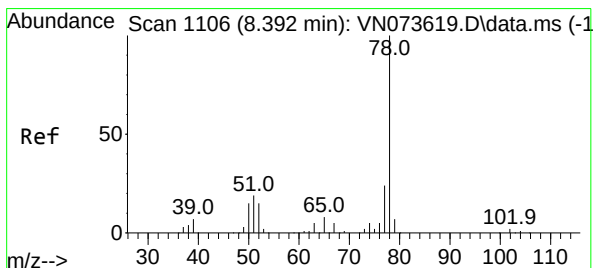
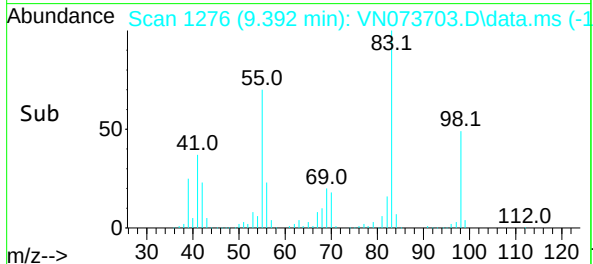
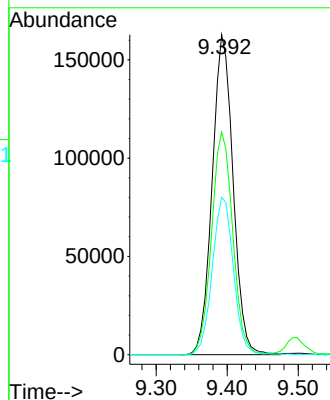
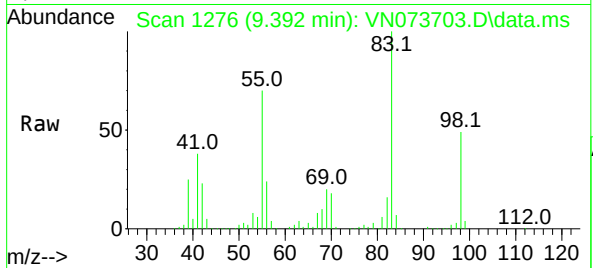
Tgt Ion: 83 Resp: 33237
 Ion Ratio Lower Upper
 83 100
 55 69.5 57.8 86.8
 98 49.2 39.4 59.2

Manual Integrations

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Reviewed By :John Carlone 08/04/2022

Supervised By :Mahesh Dadoda 08/04/2022



#40

Benzene

Concen: 52.333 ug/l

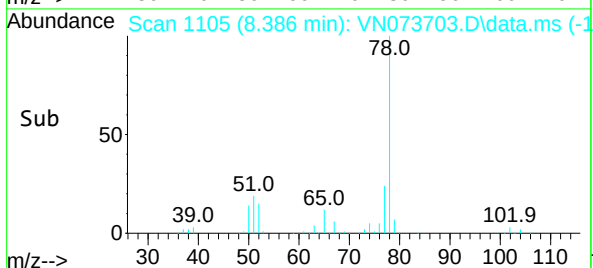
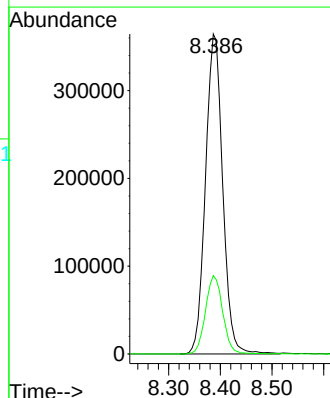
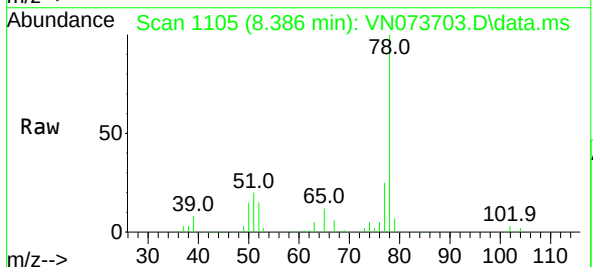
RT: 8.386 min Scan# 1105

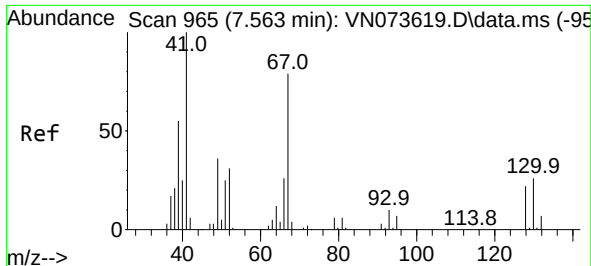
Delta R.T. -0.006 min

Lab File: VN073703.D

Acq: 03 Aug 2022 11:17

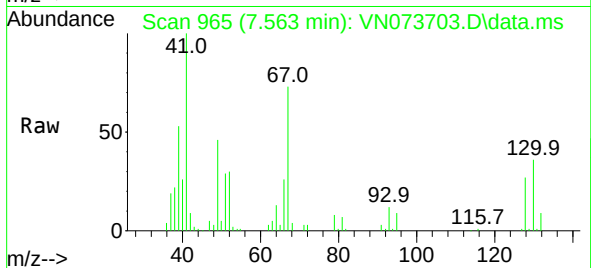
Tgt Ion: 78 Resp: 842838
 Ion Ratio Lower Upper
 78 100
 77 24.5 19.4 29.0





#41
Methacrylonitrile
Concen: 51.004 ug/l
RT: 7.563 min Scan# 90
Delta R.T. 0.000 min
Lab File: VN073703.D
Acq: 03 Aug 2022 11:17

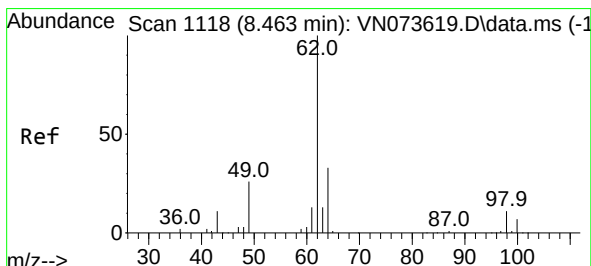
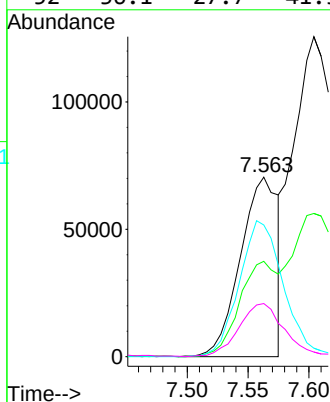
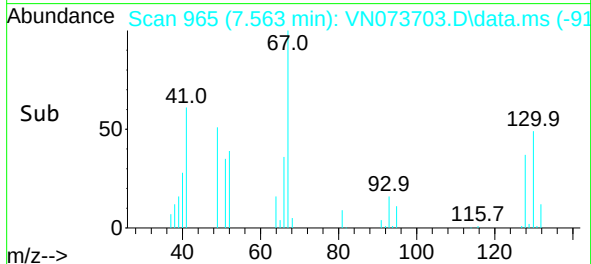
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



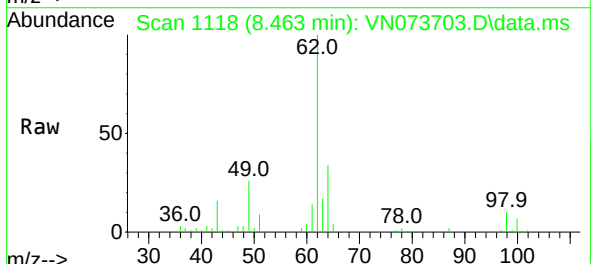
Tgt Ion: 41 Resp: 150740
Ion Ratio Lower Upper
41 100
39 53.9 48.6 73.0
67 90.1 73.4 110.2
52 36.1 27.7 41.5

Manual Integrations
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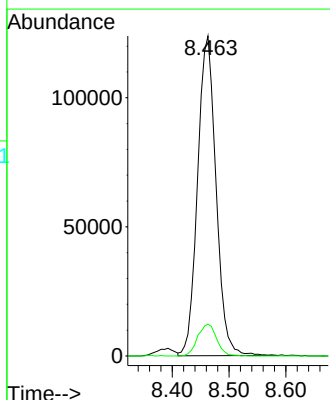
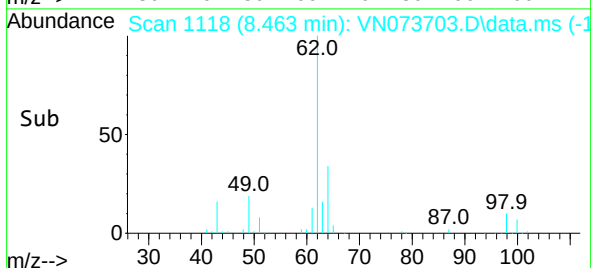
Reviewed By :John Carlone 08/04/2022
Supervised By :Mahesh Dadoda 08/04/2022

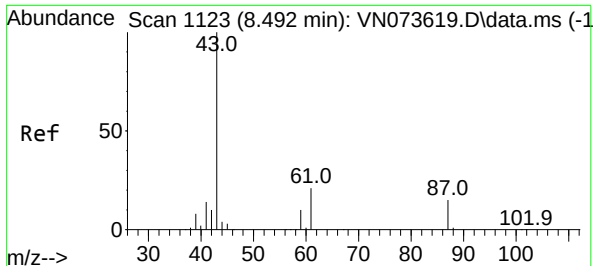


#42
1,2-Dichloroethane
Concen: 51.485 ug/l
RT: 8.463 min Scan# 1118
Delta R.T. -0.000 min
Lab File: VN073703.D
Acq: 03 Aug 2022 11:17



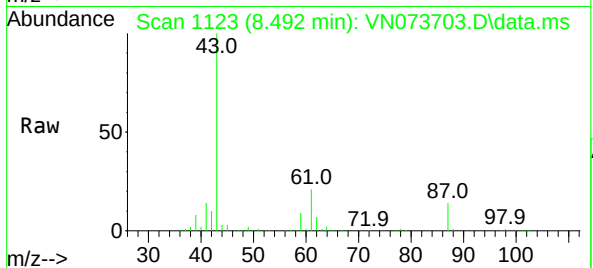
Tgt Ion: 62 Resp: 279454
Ion Ratio Lower Upper
62 100
98 10.2 0.0 19.4





#43
Isopropyl Acetate
Concen: 53.809 ug/l
RT: 8.492 min Scan# 1123
Delta R.T. -0.000 min
Lab File: VN073703.D
Acq: 03 Aug 2022 11:17

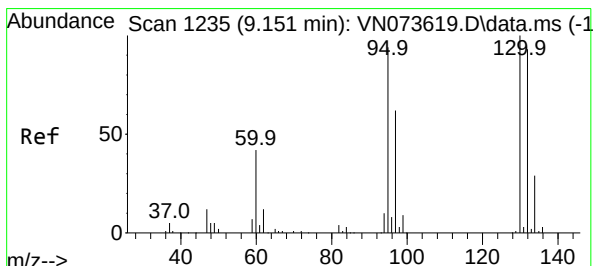
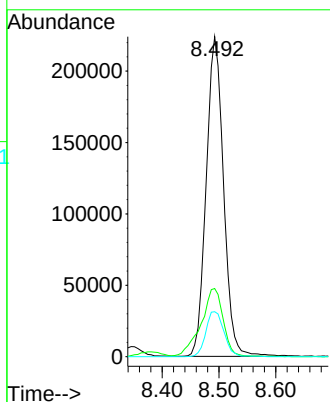
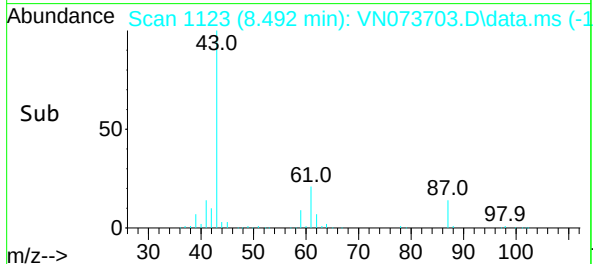
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



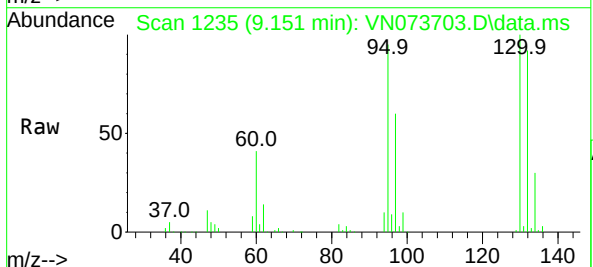
Tgt Ion: 43 Resp: 474712
Ion Ratio Lower Upper
43 100
61 27.1 21.9 32.9
87 14.8 12.0 18.0

Manual Integrations
APPROVED

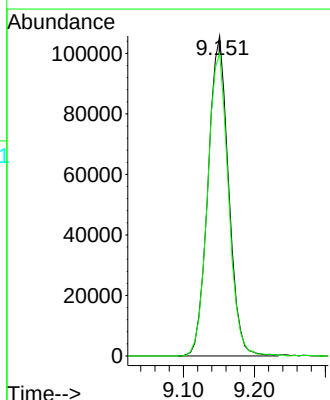
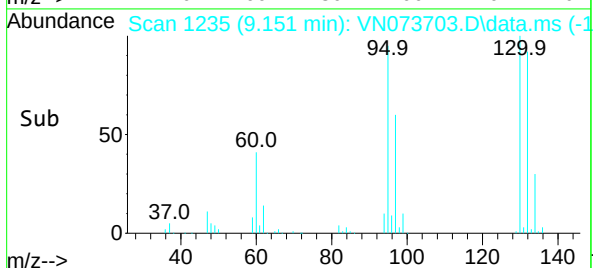
Reviewed By :John Carlone 08/04/2022
Supervised By :Mahesh Dadoda 08/04/2022

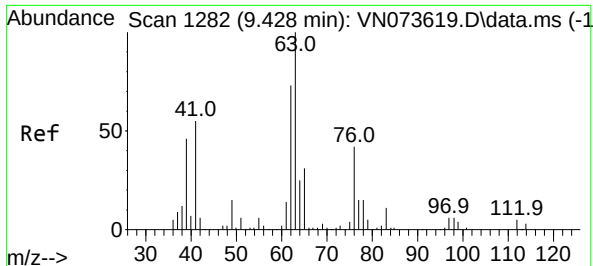


#44
Trichloroethene
Concen: 51.862 ug/l
RT: 9.151 min Scan# 1235
Delta R.T. 0.000 min
Lab File: VN073703.D
Acq: 03 Aug 2022 11:17



Tgt Ion:130 Resp: 211811
Ion Ratio Lower Upper
130 100
95 94.6 0.0 186.8





#45

1,2-Dichloropropane

Concen: 52.807 ug/l

RT: 9.428 min Scan# 1282

Delta R.T. -0.000 min

Lab File: VN073703.D

Acq: 03 Aug 2022 11:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 212578

Ion Ratio Lower Upper

63 100

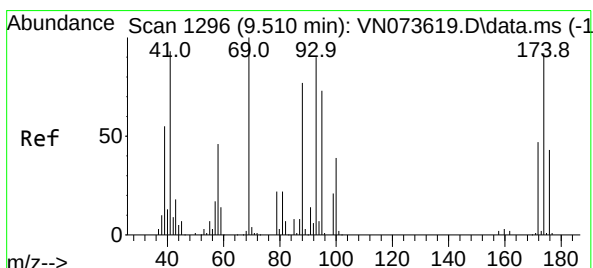
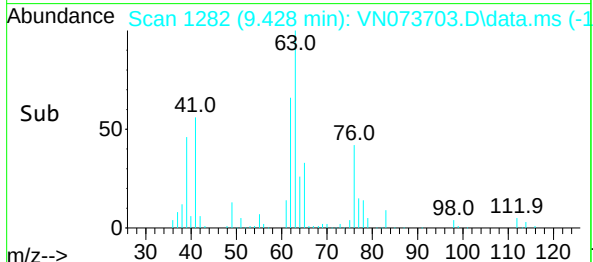
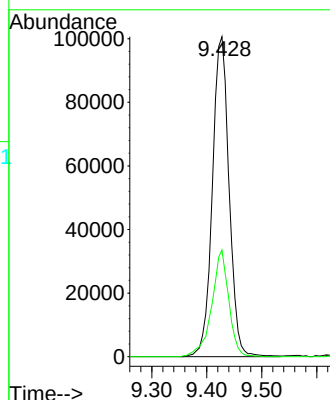
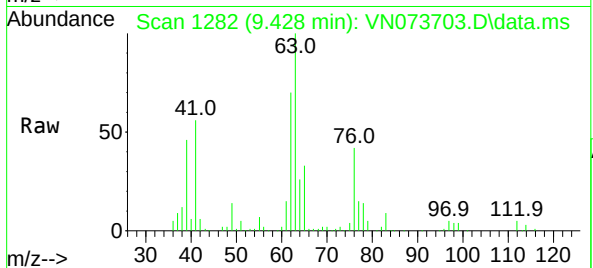
65 33.3 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/04/2022

Supervised By :Mahesh Dadoda 08/04/2022



#46

Dibromomethane

Concen: 53.247 ug/l

RT: 9.516 min Scan# 1297

Delta R.T. 0.006 min

Lab File: VN073703.D

Acq: 03 Aug 2022 11:17

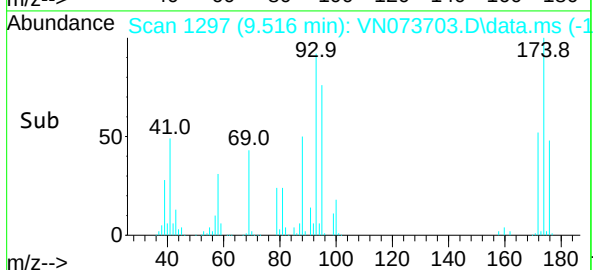
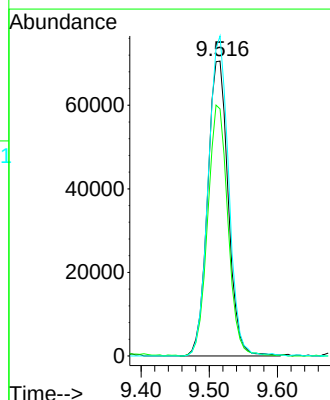
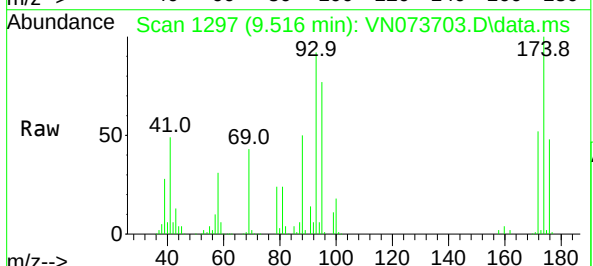
Tgt Ion: 93 Resp: 148769

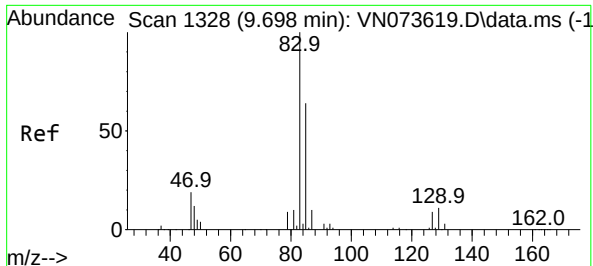
Ion Ratio Lower Upper

93 100

95 83.4 66.9 100.3

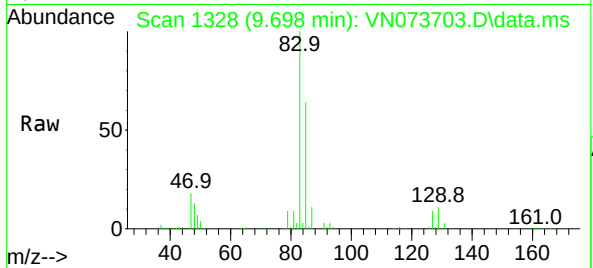
174 107.1 86.6 130.0





#47
Bromodichloromethane
Concen: 53.634 ug/l
RT: 9.698 min Scan# 1328
Delta R.T. -0.000 min
Lab File: VN073703.D
Acq: 03 Aug 2022 11:17

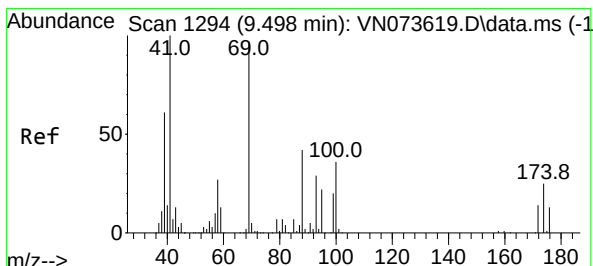
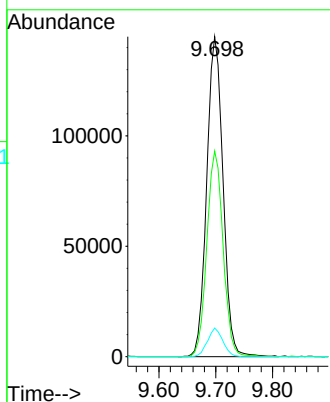
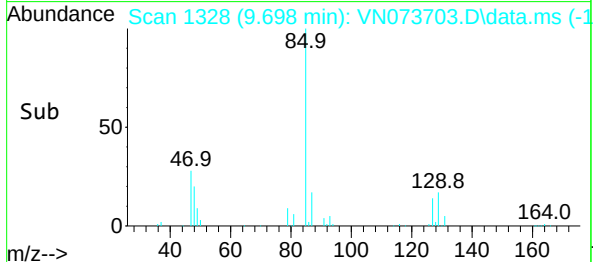
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



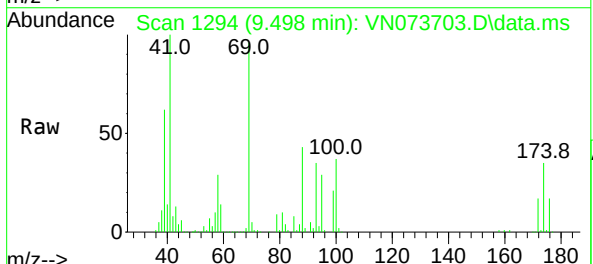
Tgt Ion: 83 Resp: 287600
Ion Ratio Lower Upper
83 100
85 64.2 50.5 75.7
127 9.0 6.8 10.2

Manual Integrations
APPROVED

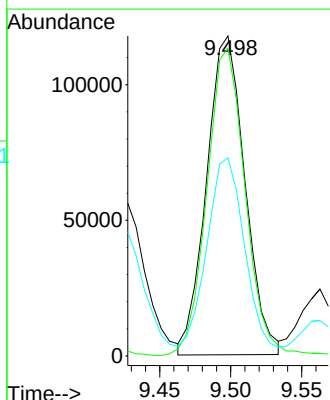
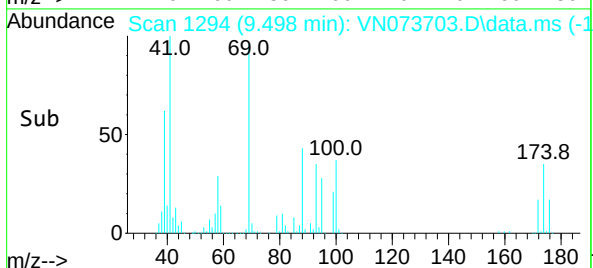
Reviewed By :John Carlone 08/04/2022
Supervised By :Mahesh Dadoda 08/04/2022

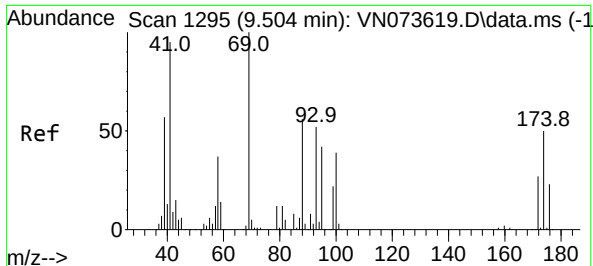


#48
Methyl methacrylate
Concen: 57.305 ug/l
RT: 9.498 min Scan# 1294
Delta R.T. -0.000 min
Lab File: VN073703.D
Acq: 03 Aug 2022 11:17



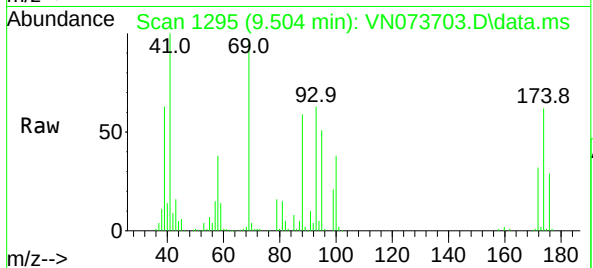
Tgt Ion: 41 Resp: 221295
Ion Ratio Lower Upper
41 100
69 96.2 74.7 112.1
39 57.3 45.6 68.4





#49
1,4-Dioxane
Concen: 1064.403 ug/l
RT: 9.504 min Scan# 1295
Delta R.T. -0.000 min
Lab File: VN073703.D
Acq: 03 Aug 2022 11:17

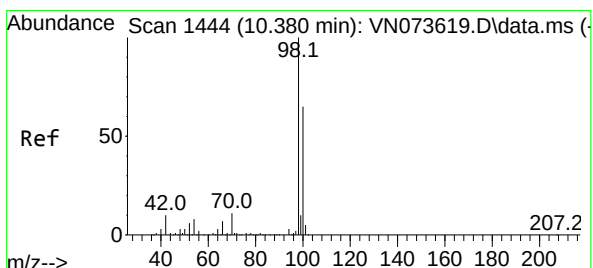
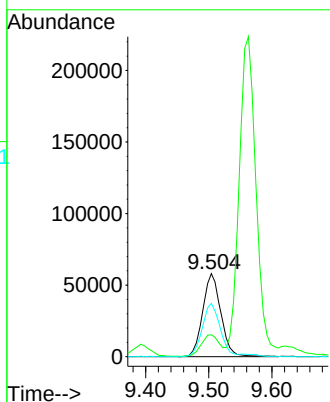
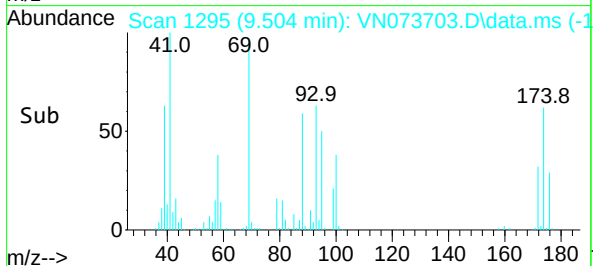
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



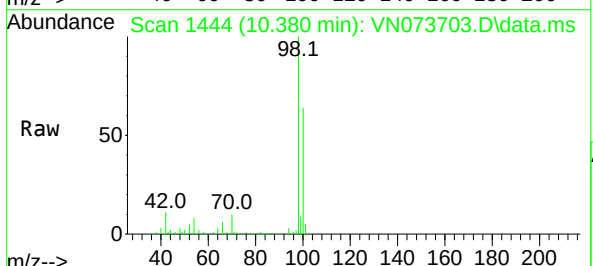
Tgt Ion: 88 Resp: 115868
Ion Ratio Lower Upper
88 100
43 27.3 20.2 30.4
58 66.0 54.2 81.4

Manual Integrations
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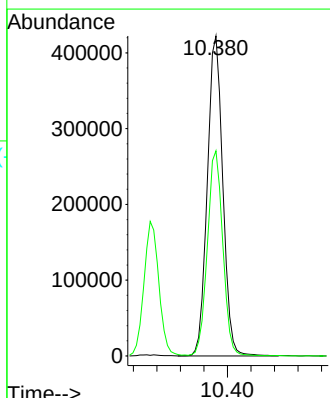
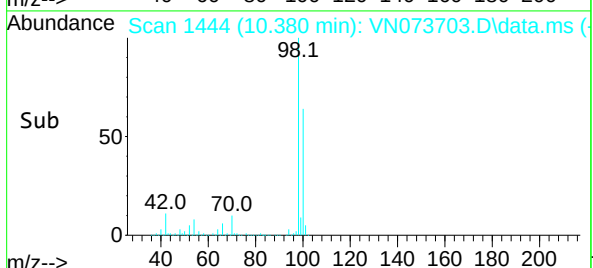
Reviewed By :John Carlone 08/04/2022
Supervised By :Mahesh Dadoda 08/04/2022

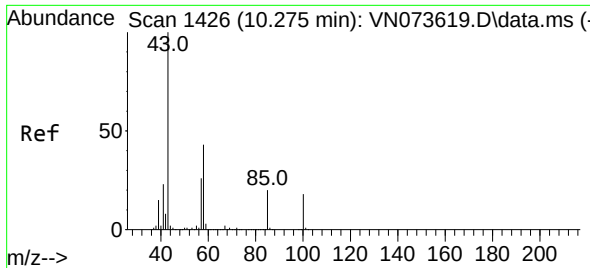


#50
Toluene-d8
Concen: 56.268 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN073703.D
Acq: 03 Aug 2022 11:17



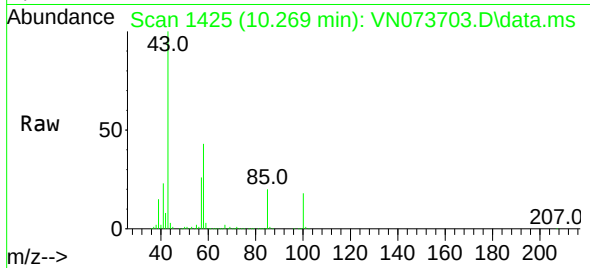
Tgt Ion: 98 Resp: 770509
Ion Ratio Lower Upper
98 100
100 63.7 52.6 78.8





#51
4-Methyl-2-Pentanone
Concen: 272.827 ug/l
RT: 10.269 min Scan# 1425
Delta R.T. -0.006 min
Lab File: VN073703.D
Acq: 03 Aug 2022 11:17

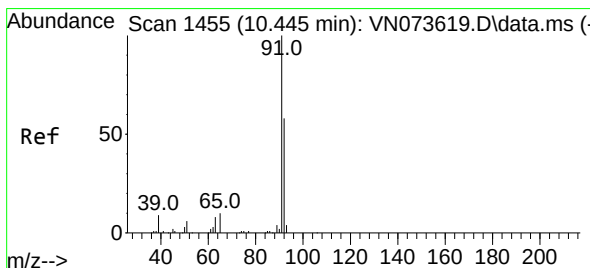
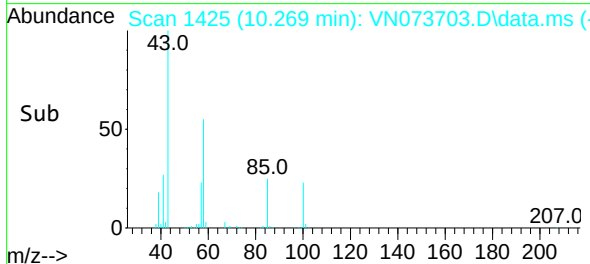
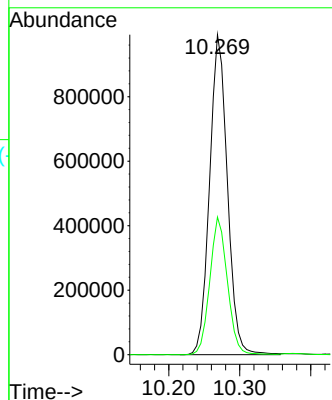
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 172635
Ion Ratio Lower Upper
43 100
58 42.4 34.1 51.1

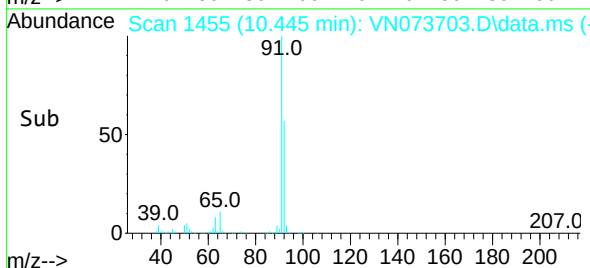
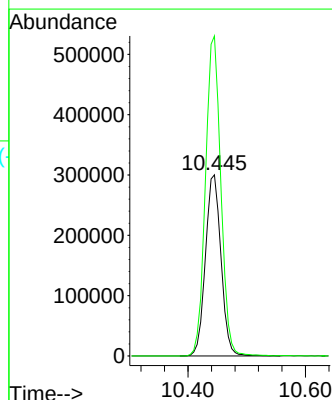
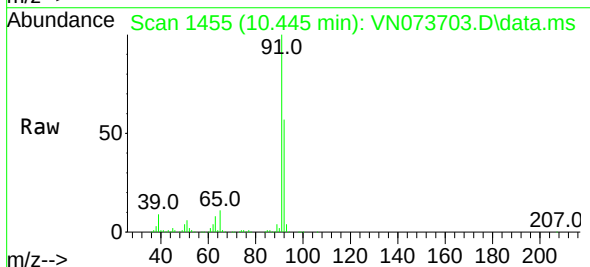
Manual Integrations
APPROVED

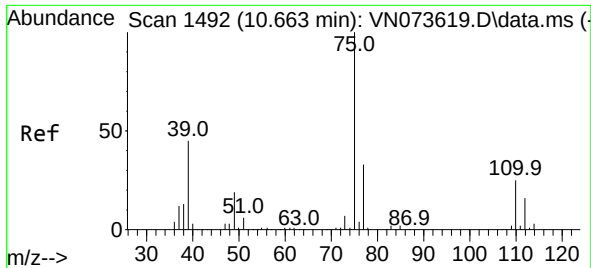
Reviewed By :John Carlone 08/04/2022
Supervised By :Mahesh Dadoda 08/04/2022



#52
Toluene
Concen: 55.889 ug/l
RT: 10.445 min Scan# 1455
Delta R.T. 0.000 min
Lab File: VN073703.D
Acq: 03 Aug 2022 11:17

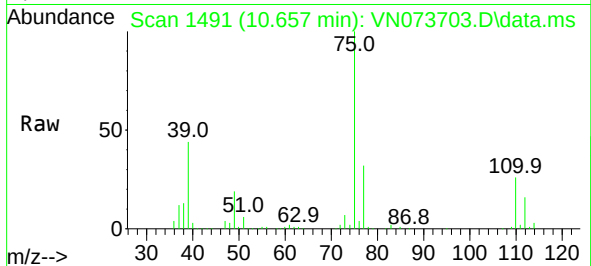
Tgt Ion: 92 Resp: 549802
Ion Ratio Lower Upper
92 100
91 174.8 138.6 207.8





#53
 t-1,3-Dichloropropene
 Concen: 55.899 ug/l
 RT: 10.657 min Scan# 1491
 Delta R.T. -0.006 min
 Lab File: VN073703.D
 Acq: 03 Aug 2022 11:17

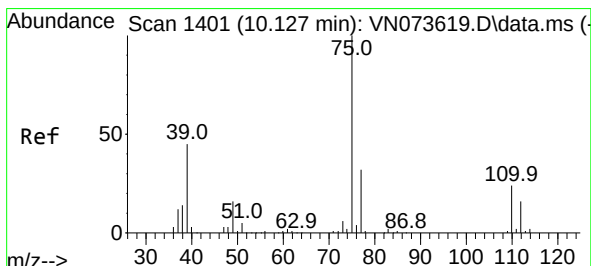
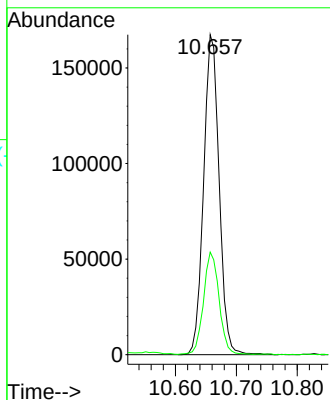
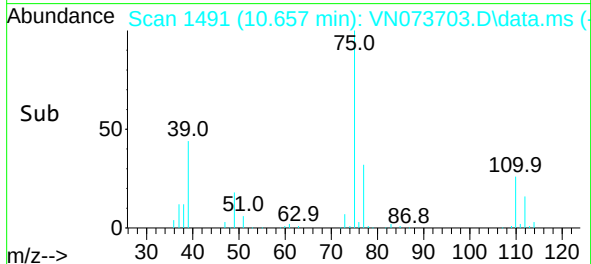
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 75 Resp: 296125
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.6 38.4

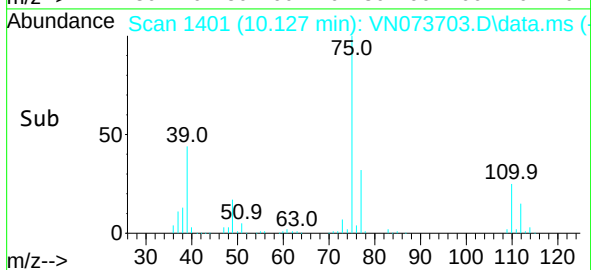
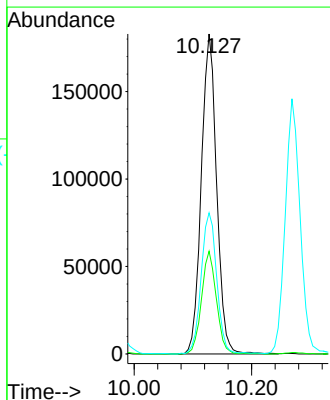
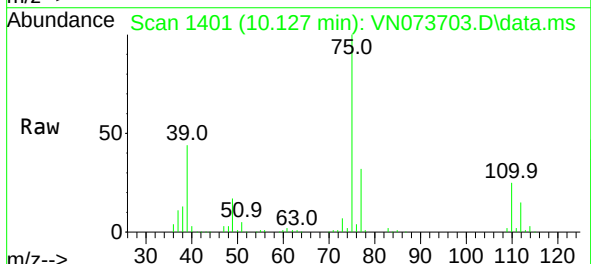
Manual Integrations
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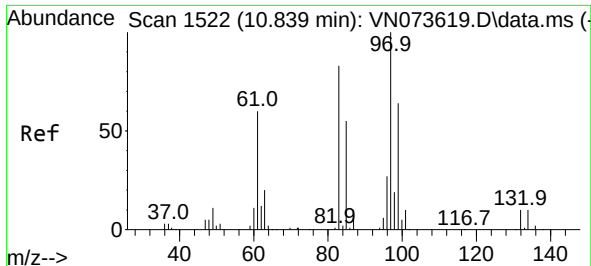
Reviewed By :John Carlone 08/04/2022
 Supervised By :Mahesh Dadoda 08/04/2022



#54
 cis-1,3-Dichloropropene
 Concen: 55.413 ug/l
 RT: 10.127 min Scan# 1401
 Delta R.T. -0.000 min
 Lab File: VN073703.D
 Acq: 03 Aug 2022 11:17

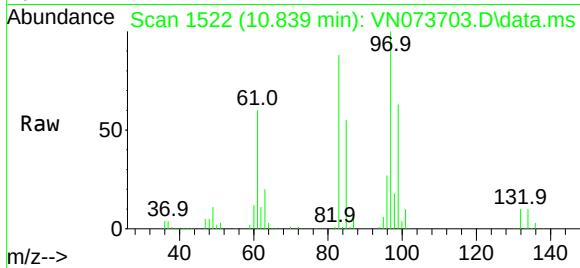
Tgt Ion: 75 Resp: 330797
 Ion Ratio Lower Upper
 75 100
 77 32.1 25.2 37.8
 39 44.1 35.7 53.5





#55
1,1,2-Trichloroethane
Concen: 54.146 ug/l
RT: 10.839 min Scan# 1522
Delta R.T. -0.000 min
Lab File: VN073703.D
Acq: 03 Aug 2022 11:17

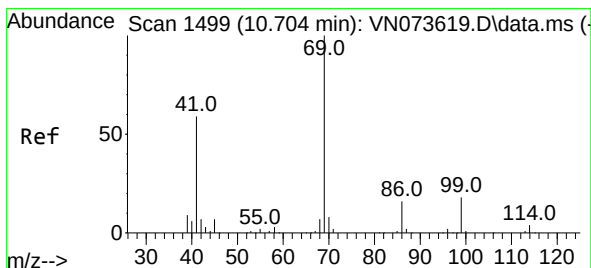
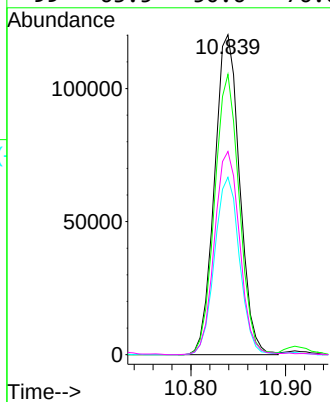
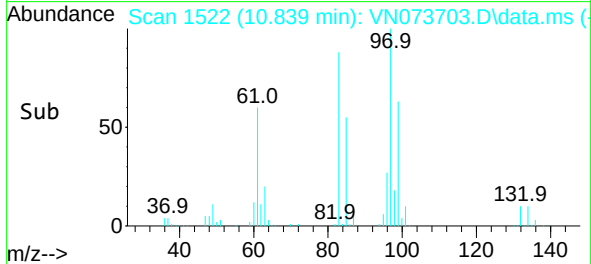
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



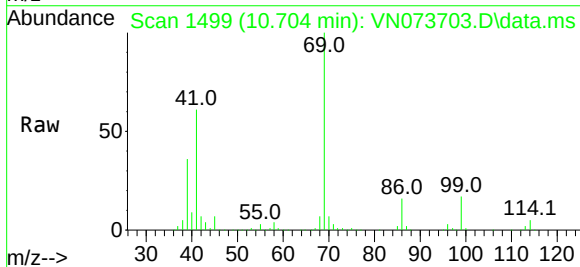
Tgt Ion: 97 Resp: 222119
Ion Ratio Lower Upper
97 100
83 87.6 66.2 99.4
85 55.5 43.9 65.9
99 63.5 50.6 76.0

Manual Integrations
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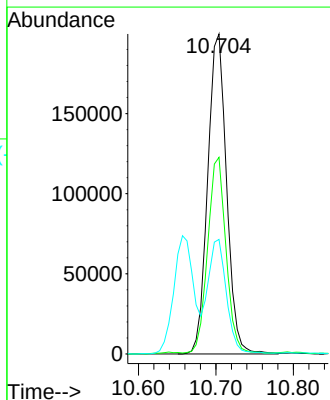
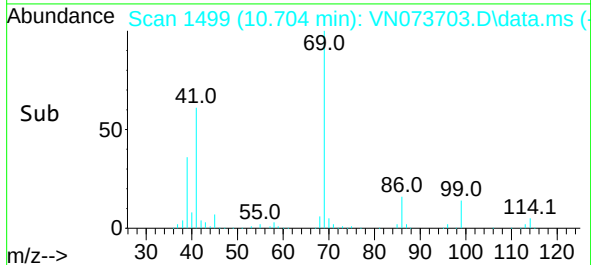
Reviewed By :John Carlone 08/04/2022
Supervised By :Mahesh Dadoda 08/04/2022

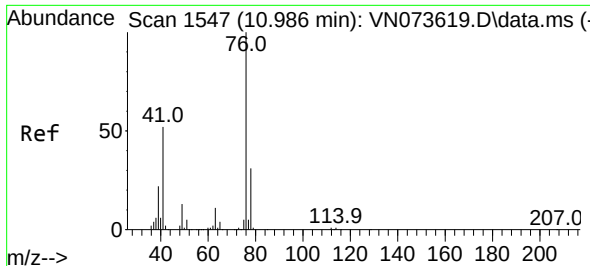


#56
Ethyl methacrylate
Concen: 59.794 ug/l
RT: 10.704 min Scan# 1499
Delta R.T. -0.000 min
Lab File: VN073703.D
Acq: 03 Aug 2022 11:17



Tgt Ion: 69 Resp: 338072
Ion Ratio Lower Upper
69 100
41 59.2 47.8 71.6
39 34.7 27.3 40.9





#57

1,3-Dichloropropane

Concen: 53.319 ug/l

RT: 10.986 min Scan# 1110

Delta R.T. -0.000 min

Lab File: VN073703.D

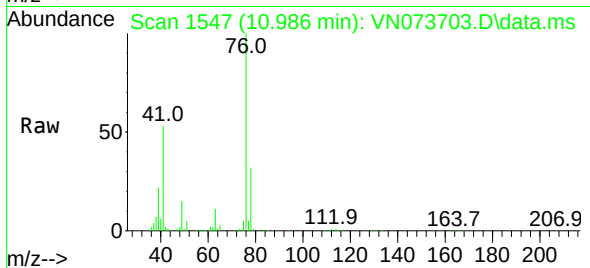
Acq: 03 Aug 2022 11:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



Tgt Ion: 76 Resp: 37110

Ion Ratio Lower Upper

76 100

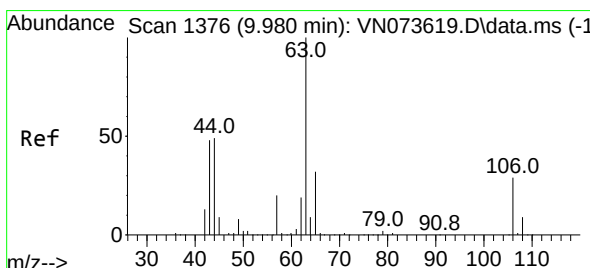
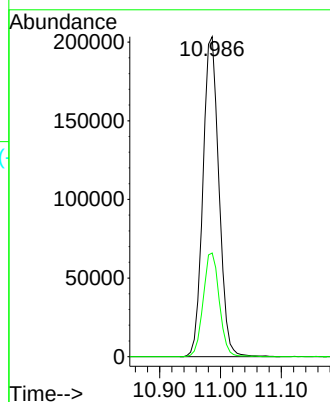
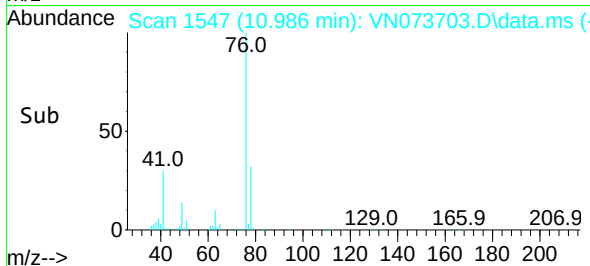
78 32.8 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/04/2022

Supervised By :Mahesh Dadoda 08/04/2022



#58

2-Chloroethyl Vinyl ether

Concen: 250.421 ug/l

RT: 9.980 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VN073703.D

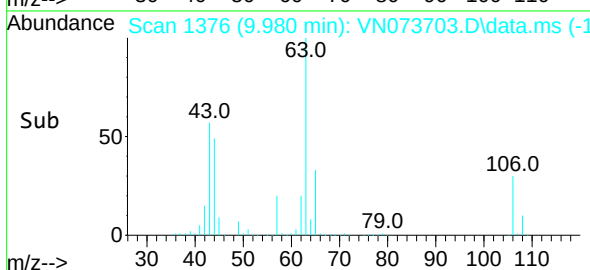
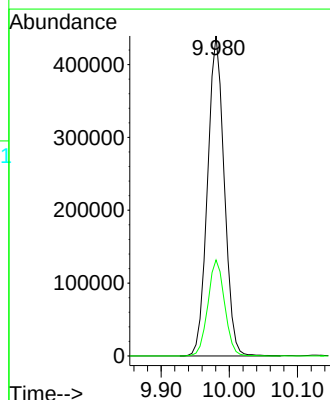
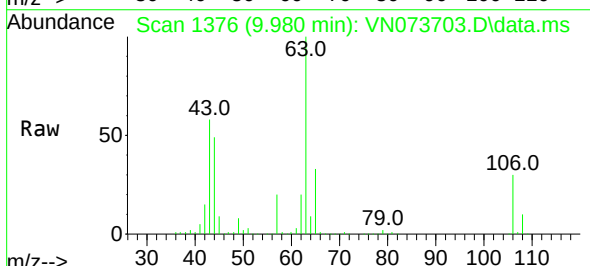
Acq: 03 Aug 2022 11:17

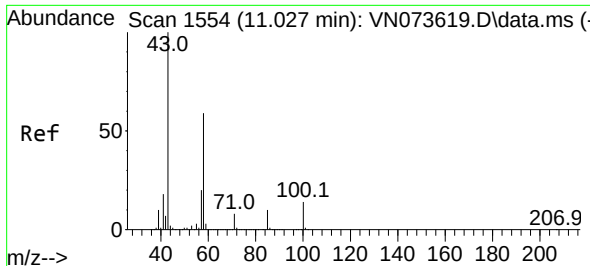
Tgt Ion: 63 Resp: 749296

Ion Ratio Lower Upper

63 100

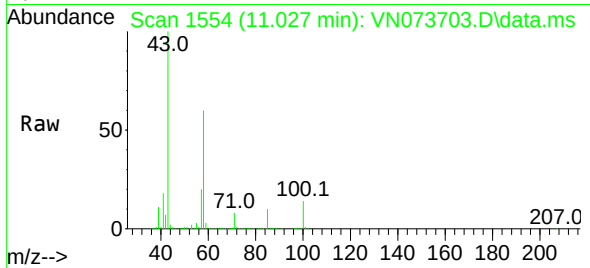
106 30.0 24.6 36.8





#59
2-Hexanone
Concen: 275.290 ug/l
RT: 11.027 min Scan# 1554
Delta R.T. 0.000 min
Lab File: VN073703.D
Acq: 03 Aug 2022 11:17

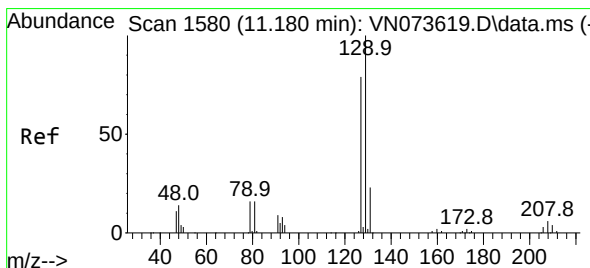
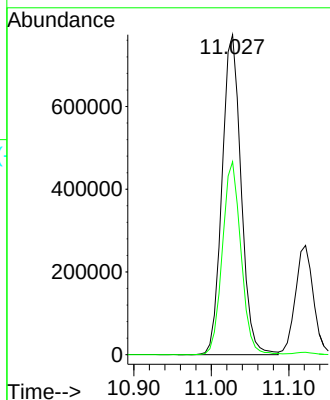
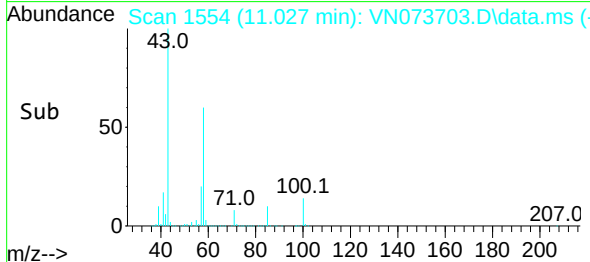
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 131976
Ion Ratio Lower Upper
43 100
58 58.9 29.7 89.1

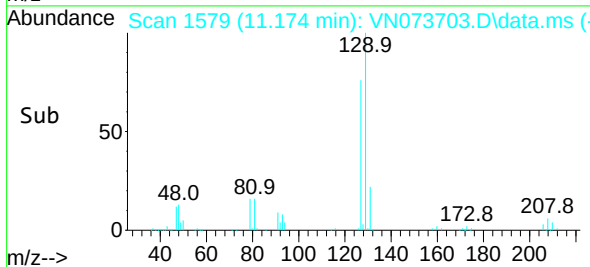
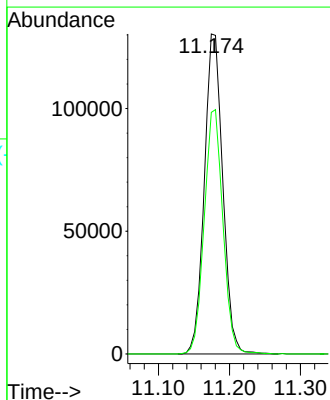
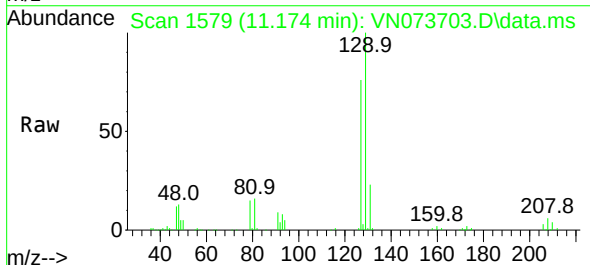
Manual Integrations
APPROVED

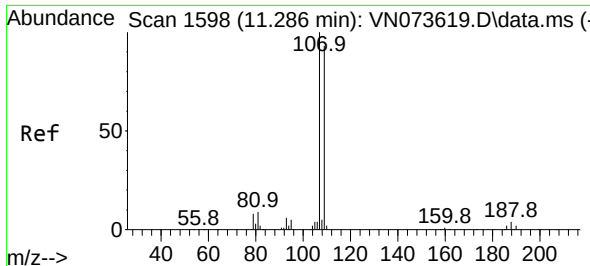
Reviewed By :John Carlone 08/04/2022
Supervised By :Mahesh Dadoda 08/04/2022



#60
Dibromochloromethane
Concen: 57.758 ug/l
RT: 11.174 min Scan# 1579
Delta R.T. -0.006 min
Lab File: VN073703.D
Acq: 03 Aug 2022 11:17

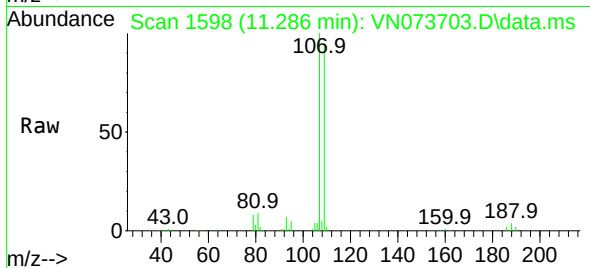
Tgt Ion:129 Resp: 235713
Ion Ratio Lower Upper
129 100
127 77.3 38.8 116.4





#61
1,2-Dibromoethane
Concen: 54.920 ug/l
RT: 11.286 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN073703.D
Acq: 03 Aug 2022 11:17

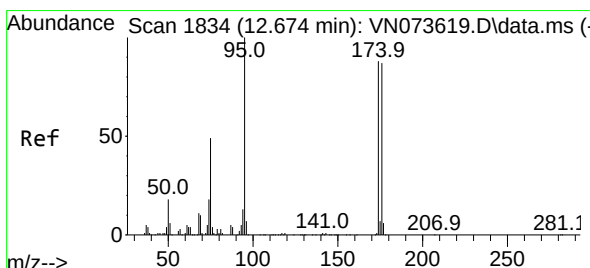
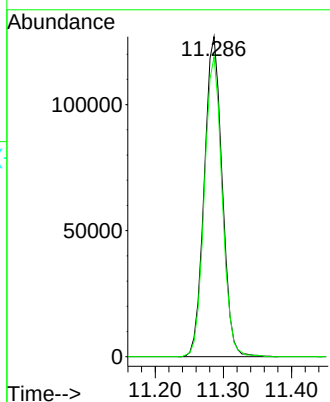
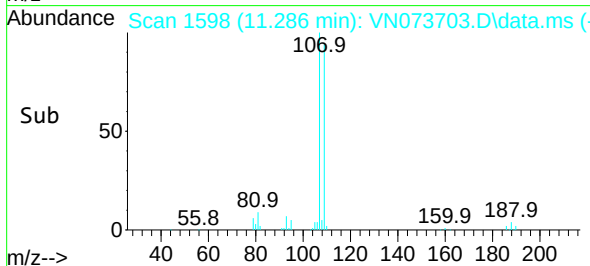
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:107 Resp: 232034
Ion Ratio Lower Upper
107 100
109 93.2 75.0 112.6

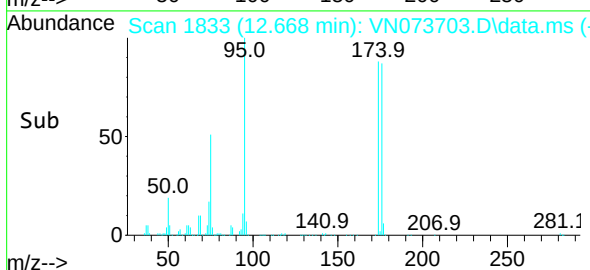
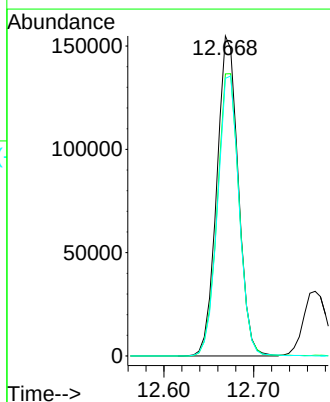
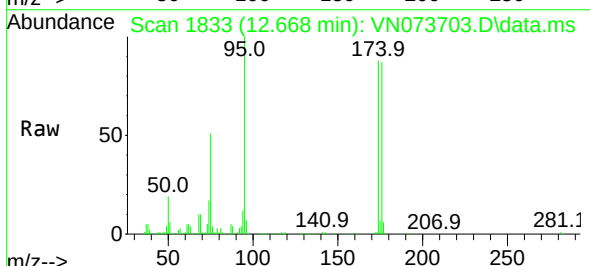
Manual Integrations
APPROVED

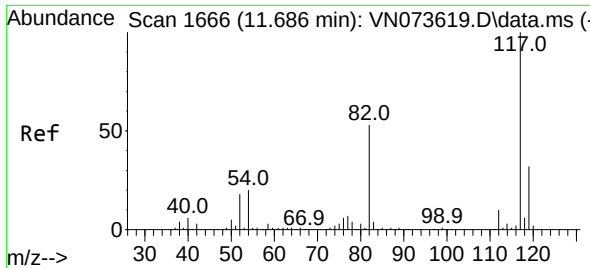
Reviewed By :John Carlone 08/04/2022
Supervised By :Mahesh Dadoda 08/04/2022



#62
4-Bromofluorobenzene
Concen: 55.086 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN073703.D
Acq: 03 Aug 2022 11:17

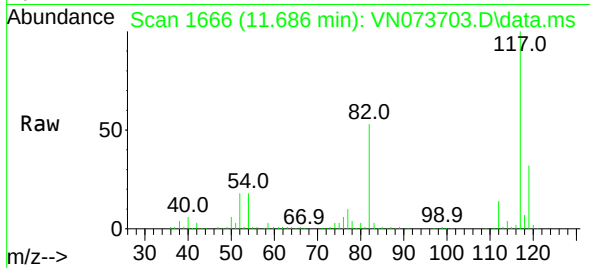
Tgt Ion: 95 Resp: 256989
Ion Ratio Lower Upper
95 100
174 89.5 0.0 167.6
176 87.8 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN073703.D
Acq: 03 Aug 2022 11:17

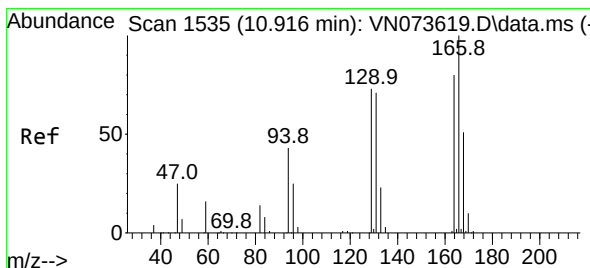
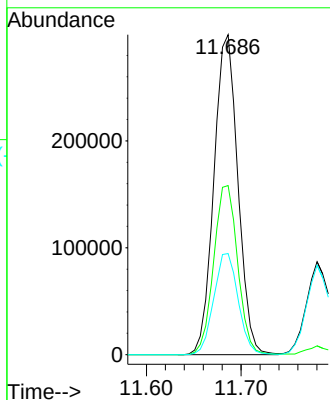
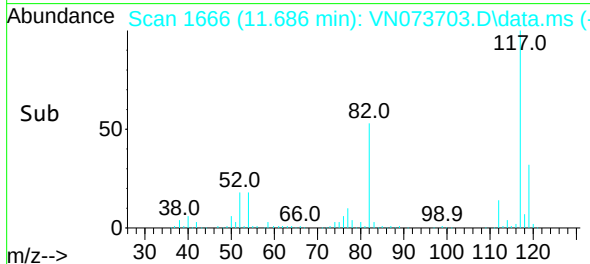
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 527120
Ion Ratio Lower Upper
117 100
82 52.9 44.2 66.2
119 31.6 25.4 38.0

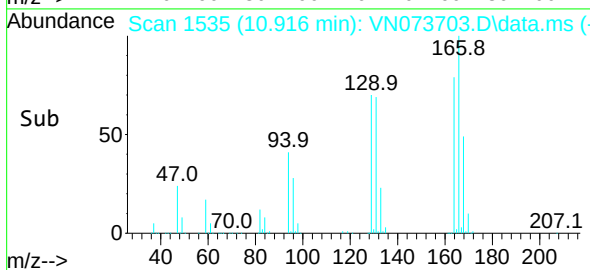
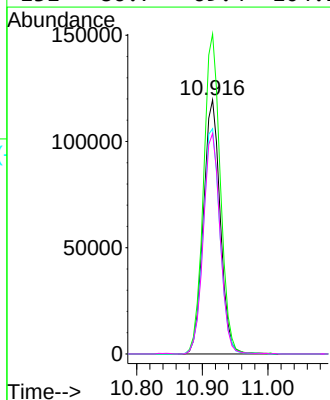
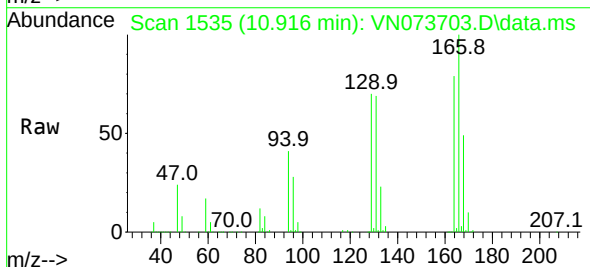
Manual Integrations
APPROVED

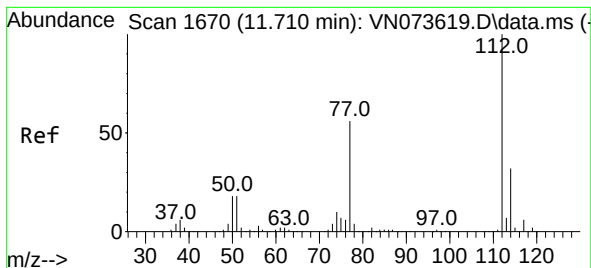
Reviewed By :John Carlone 08/04/2022
Supervised By :Mahesh Dadoda 08/04/2022



#64
Tetrachloroethene
Concen: 50.665 ug/l
RT: 10.916 min Scan# 1535
Delta R.T. -0.000 min
Lab File: VN073703.D
Acq: 03 Aug 2022 11:17

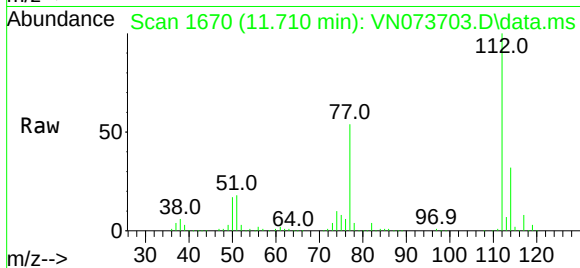
Tgt Ion:164 Resp: 212244
Ion Ratio Lower Upper
164 100
166 125.9 104.2 156.2
129 88.6 73.9 110.9
131 86.7 69.4 104.2





#65
Chlorobenzene
Concen: 52.620 ug/l
RT: 11.710 min Scan# 1670
Delta R.T. -0.000 min
Lab File: VN073703.D
Acq: 03 Aug 2022 11:17

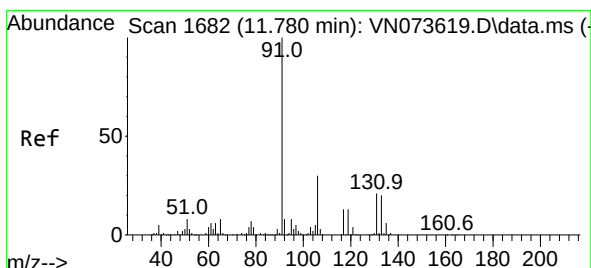
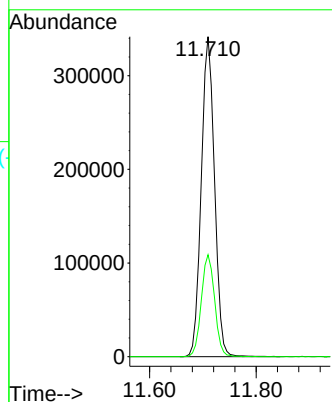
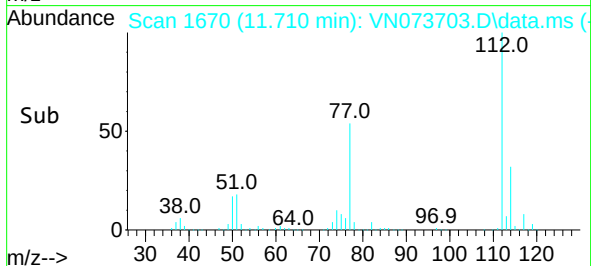
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



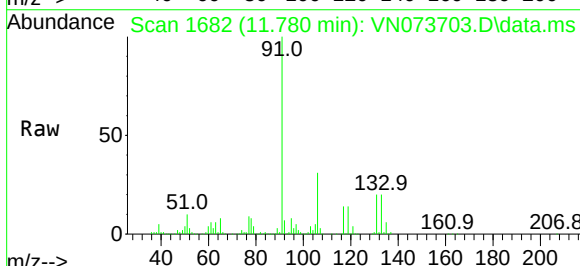
Tgt Ion:112 Resp: 58915
Ion Ratio Lower Upper
112 100
114 31.9 25.4 38.2

Manual Integrations
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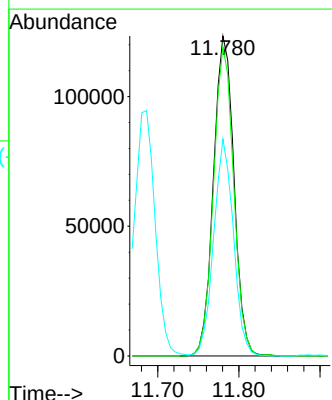
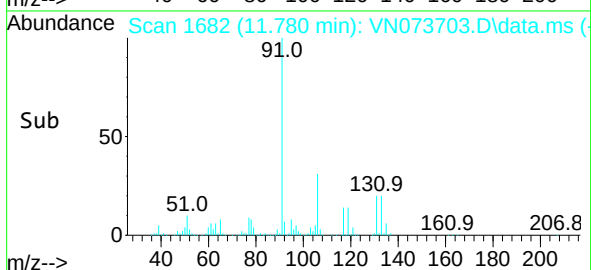
Reviewed By :John Carlone 08/04/2022
Supervised By :Mahesh Dadoda 08/04/2022

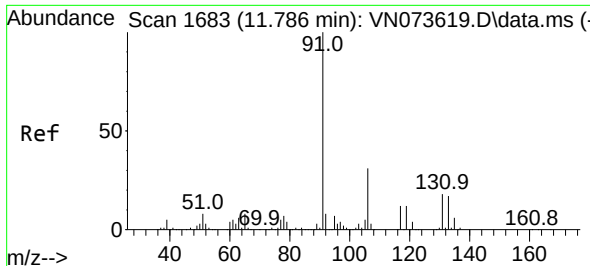


#66
1,1,1,2-Tetrachloroethane
Concen: 53.915 ug/l
RT: 11.780 min Scan# 1682
Delta R.T. -0.000 min
Lab File: VN073703.D
Acq: 03 Aug 2022 11:17



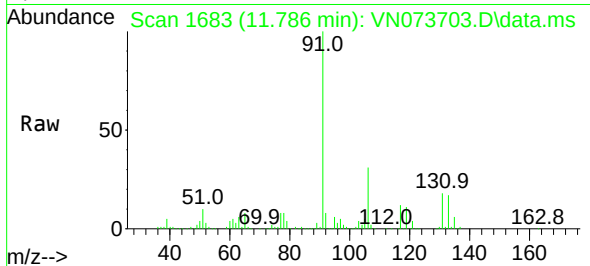
Tgt Ion:131 Resp: 216517
Ion Ratio Lower Upper
131 100
133 95.3 47.8 143.4
119 65.4 33.4 100.2





#67
Ethyl Benzene
Concen: 55.845 ug/l
RT: 11.786 min Scan# 1107
Delta R.T. -0.000 min
Lab File: VN073703.D
Acq: 03 Aug 2022 11:17

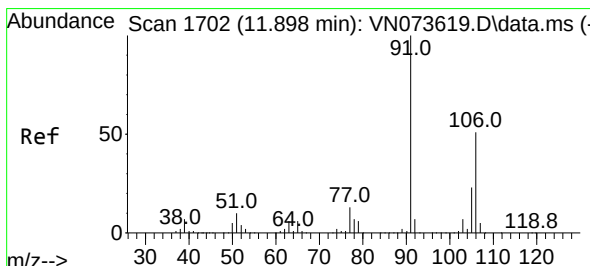
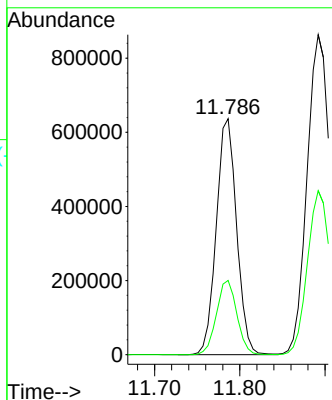
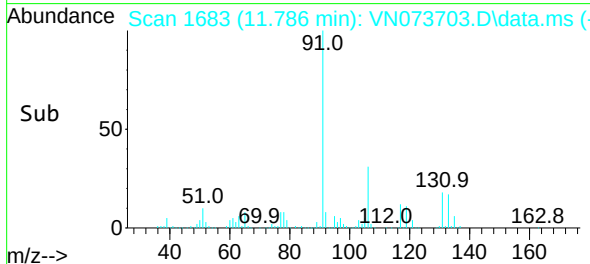
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



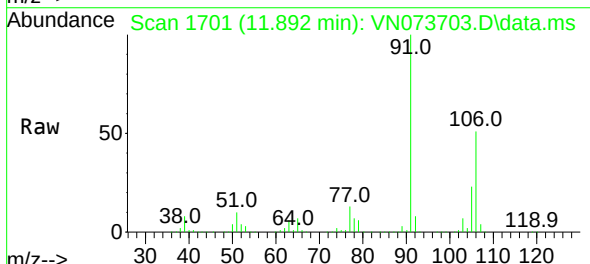
Tgt Ion: 91 Resp: 105484
Ion Ratio Lower Upper
91 100
106 31.5 24.9 37.3

Manual Integrations
APPROVED

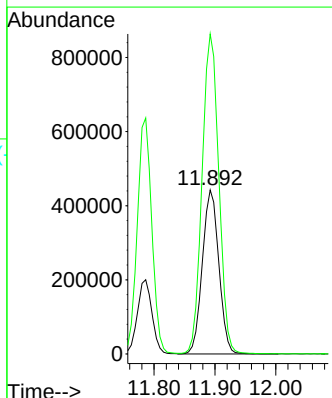
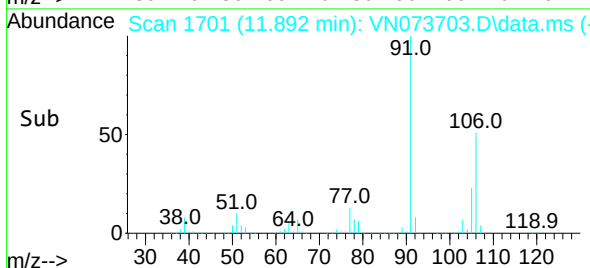
Reviewed By :John Carlone 08/04/2022
Supervised By :Mahesh Dadoda 08/04/2022

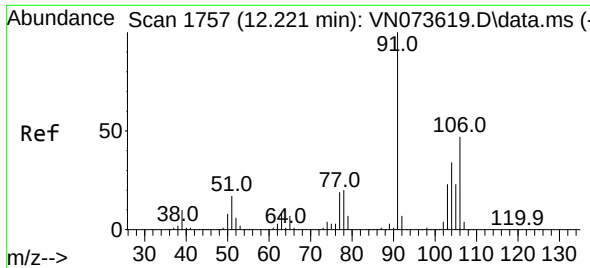


#68
m/p-Xylenes
Concen: 115.248 ug/l
RT: 11.892 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN073703.D
Acq: 03 Aug 2022 11:17



Tgt Ion:106 Resp: 830274
Ion Ratio Lower Upper
106 100
91 198.1 158.9 238.3





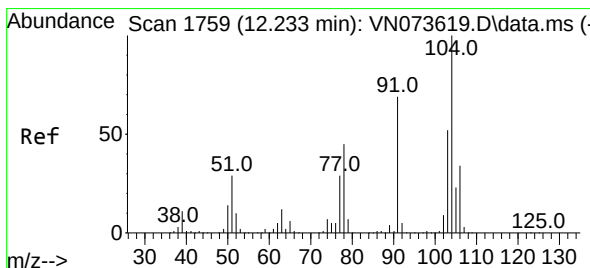
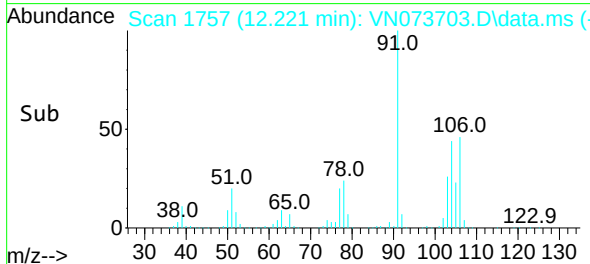
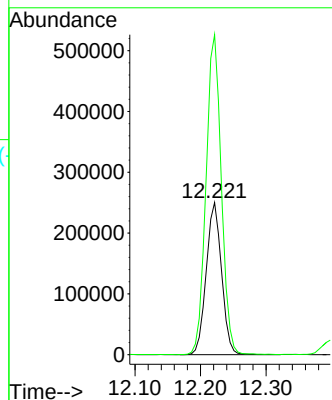
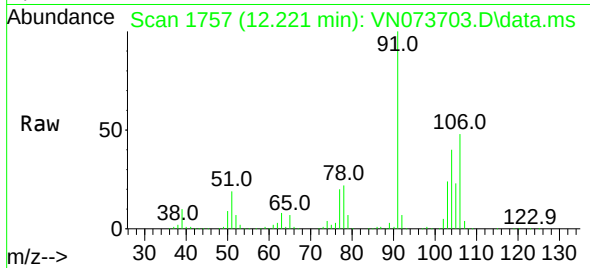
#69
o-Xylene
Concen: 57.934 ug/l
RT: 12.221 min Scan# 1757
Delta R.T. -0.000 min
Lab File: VN073703.D
Acq: 03 Aug 2022 11:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 406908
Ion Ratio Lower Upper
106 100
91 210.4 106.0 318.0

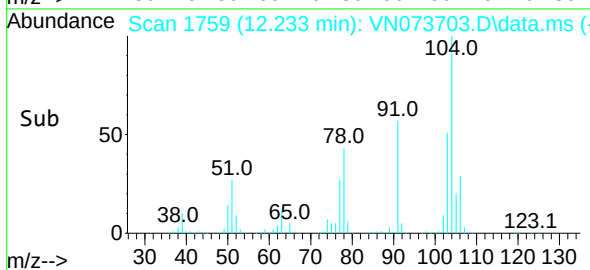
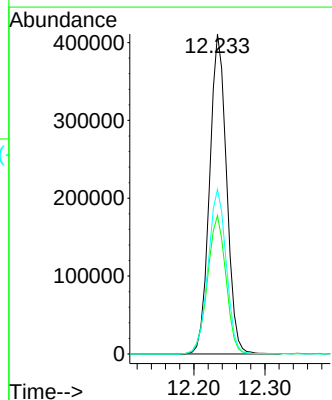
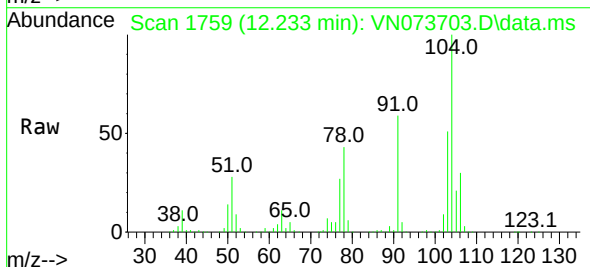
Manual Integrations
APPROVED

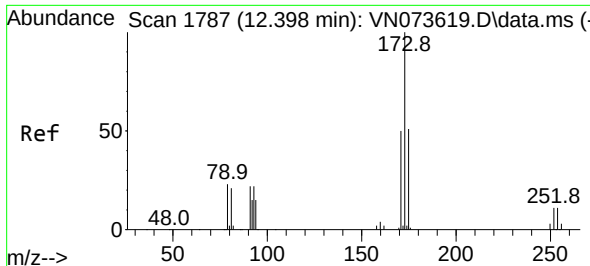
Reviewed By :John Carlone 08/04/2022
Supervised By :Mahesh Dadoda 08/04/2022



#70
Styrene
Concen: 60.748 ug/l
RT: 12.233 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN073703.D
Acq: 03 Aug 2022 11:17

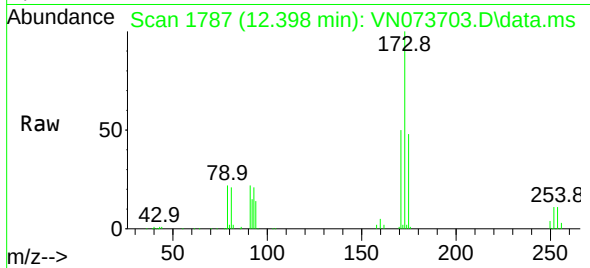
Tgt Ion:104 Resp: 683009
Ion Ratio Lower Upper
104 100
78 46.7 39.5 59.3
103 55.0 44.0 66.0





#71
Bromoform
Concen: 56.476 ug/l
RT: 12.398 min Scan# 1787
Delta R.T. 0.000 min
Lab File: VN073703.D
Acq: 03 Aug 2022 11:17

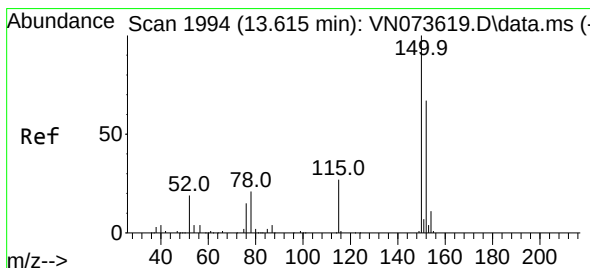
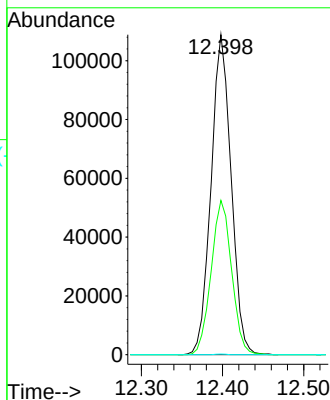
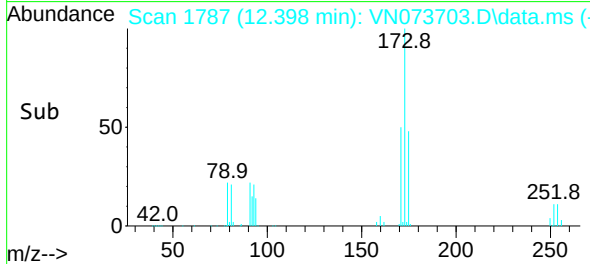
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



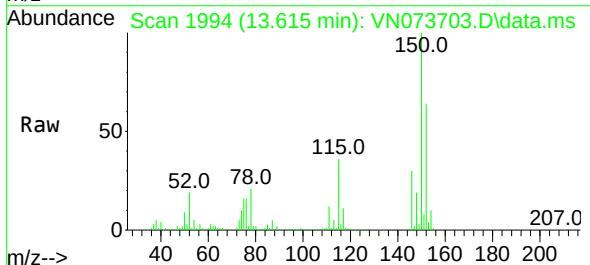
Tgt Ion:173 Resp: 18720
Ion Ratio Lower Upper
173 100
175 49.2 24.6 73.6
254 0.1 0.1 0.1

Manual Integrations
APPROVED

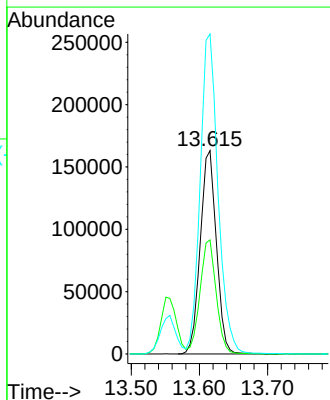
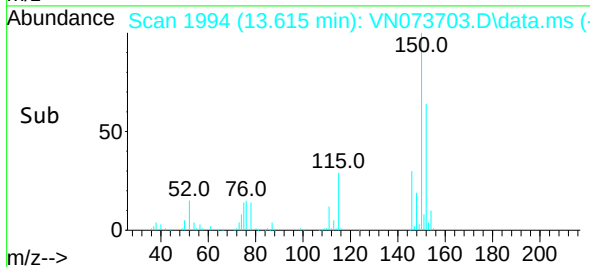
Reviewed By :John Carlone 08/04/2022
Supervised By :Mahesh Dadoda 08/04/2022

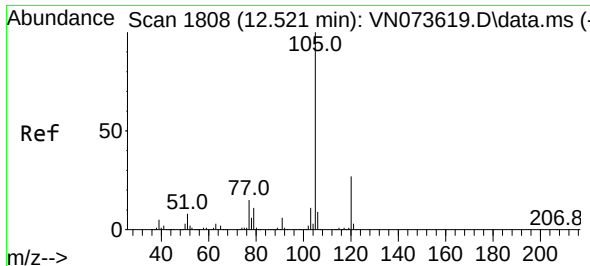


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.615 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VN073703.D
Acq: 03 Aug 2022 11:17



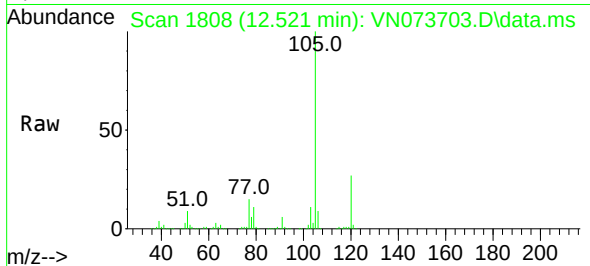
Tgt Ion:152 Resp: 268773
Ion Ratio Lower Upper
152 100
115 56.3 28.9 86.7
150 173.3 0.0 356.2





#73
Isopropylbenzene
Concen: 53.813 ug/l
RT: 12.521 min Scan# 1808
Delta R.T. -0.000 min
Lab File: VN073703.D
Acq: 03 Aug 2022 11:17

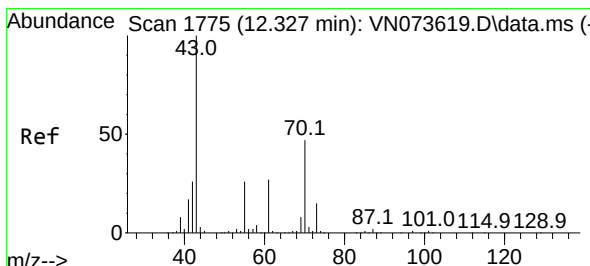
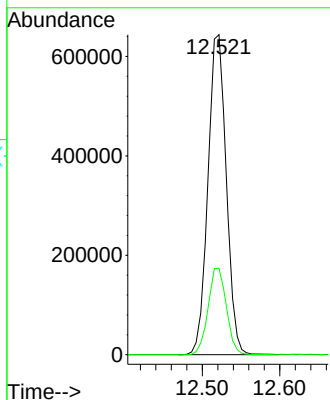
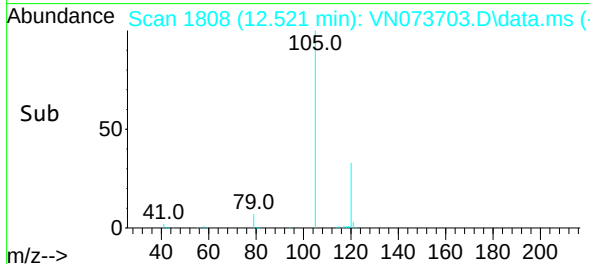
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:105 Resp: 105877
Ion Ratio Lower Upper
105 100
120 26.9 13.5 40.4

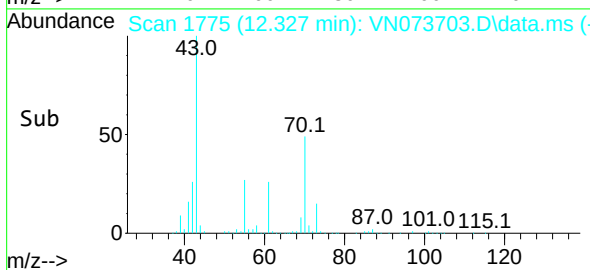
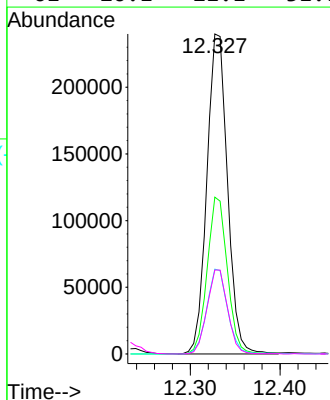
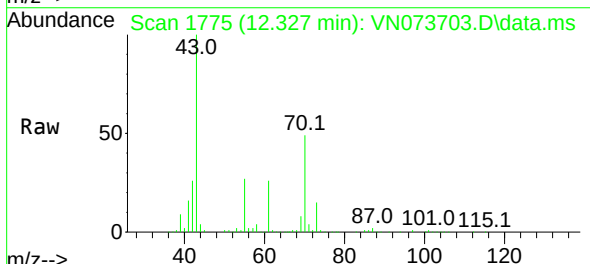
Manual Integrations
APPROVED

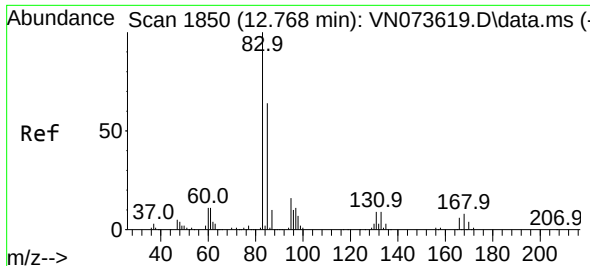
Reviewed By :John Carlone 08/04/2022
Supervised By :Mahesh Dadoda 08/04/2022



#74
N-ethyl acetate
Concen: 51.526 ug/l
RT: 12.327 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN073703.D
Acq: 03 Aug 2022 11:17

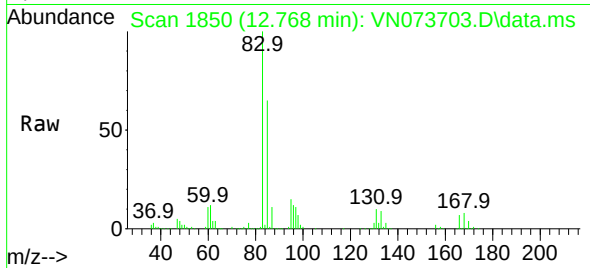
Tgt Ion: 43 Resp: 383033
Ion Ratio Lower Upper
43 100
70 48.0 39.0 58.4
55 26.9 21.1 31.7
61 26.1 21.1 31.7





#75
1,1,2,2-Tetrachloroethane
Concen: 46.898 ug/l
RT: 12.768 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VN073703.D
Acq: 03 Aug 2022 11:17

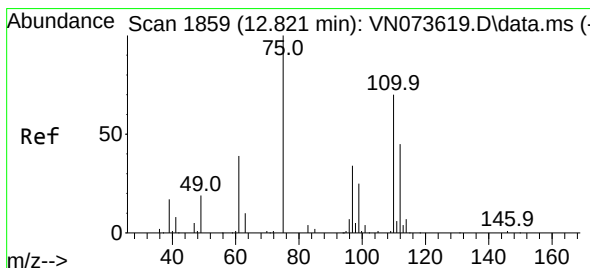
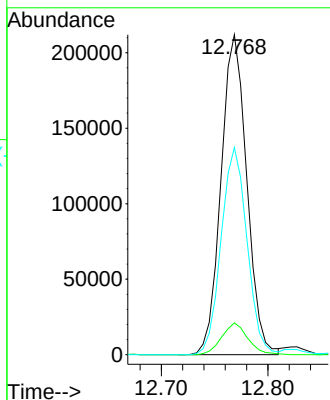
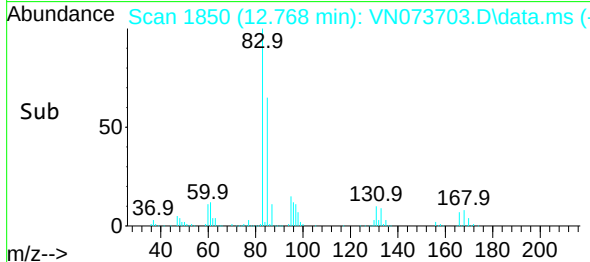
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 35606
Ion Ratio Lower Upper
83 100
131 10.1 5.3 15.9
85 65.0 32.3 96.9

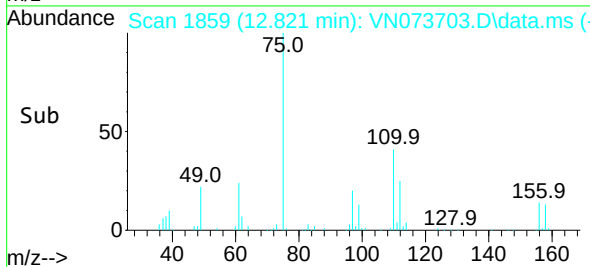
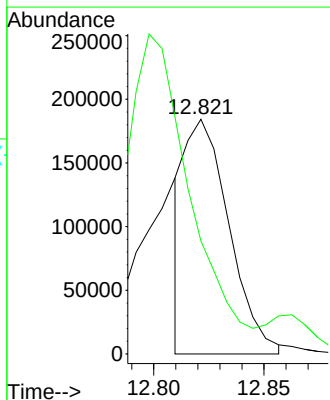
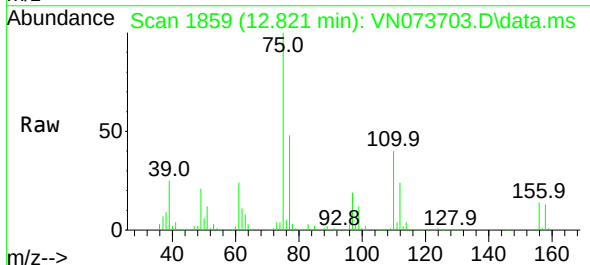
Manual Integrations
APPROVED

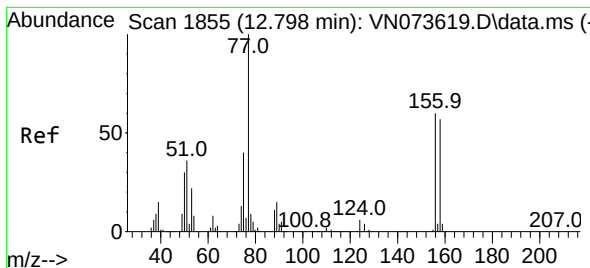
Reviewed By :John Carlone 08/04/2022
Supervised By :Mahesh Dadoda 08/04/2022



#76
1,2,3-Trichloropropane
Concen: 52.591 ug/l m
RT: 12.821 min Scan# 1859
Delta R.T. 0.000 min
Lab File: VN073703.D
Acq: 03 Aug 2022 11:17

Tgt Ion: 75 Resp: 258118
Ion Ratio Lower Upper
75 100
77 0.0 98.5 295.5#





#77

Bromobenzene

Concen: 51.448 ug/l

RT: 12.798 min Scan# 1855

Delta R.T. -0.000 min

Lab File: VN073703.D

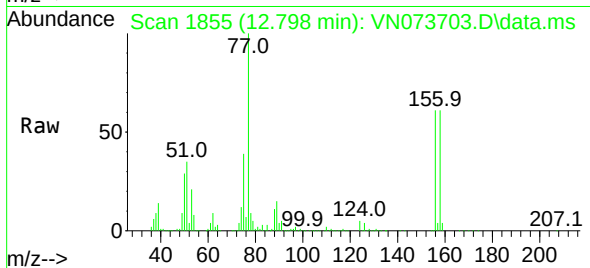
Acq: 03 Aug 2022 11:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



Tgt Ion:156 Resp: 263600

Ion Ratio Lower Upper

156 100

77 197.2 100.5 301.5

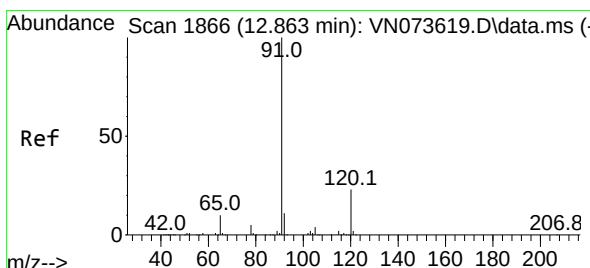
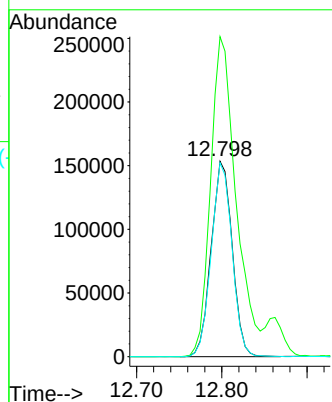
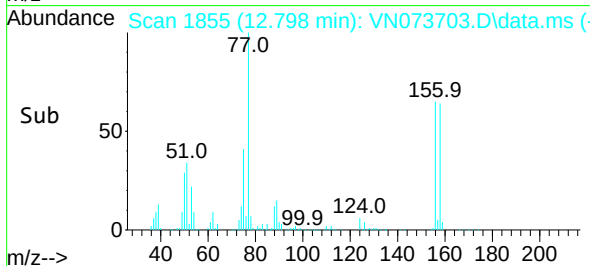
158 97.7 48.9 146.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/04/2022

Supervised By :Mahesh Dadoda 08/04/2022



#78

n-propylbenzene

Concen: 56.035 ug/l

RT: 12.863 min Scan# 1866

Delta R.T. -0.000 min

Lab File: VN073703.D

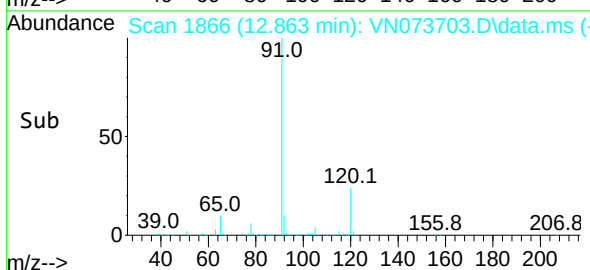
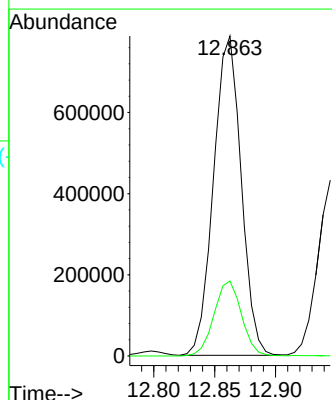
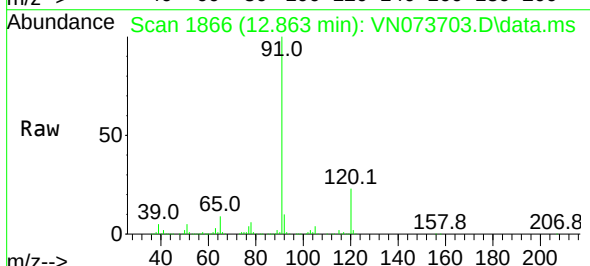
Acq: 03 Aug 2022 11:17

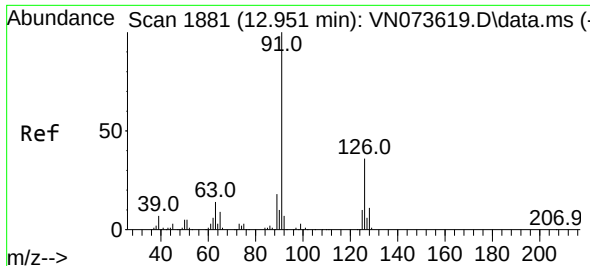
Tgt Ion: 91 Resp: 1240492

Ion Ratio Lower Upper

91 100

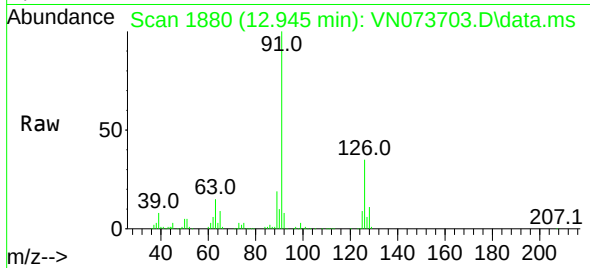
120 23.4 11.9 35.5





#79
2-Chlorotoluene
Concen: 52.565 ug/l
RT: 12.945 min Scan# 1880
Delta R.T. -0.006 min
Lab File: VN073703.D
Acq: 03 Aug 2022 11:17

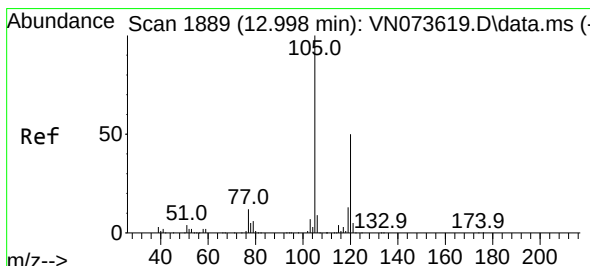
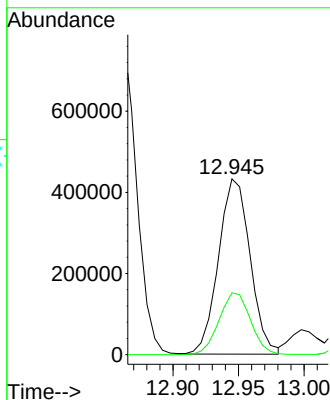
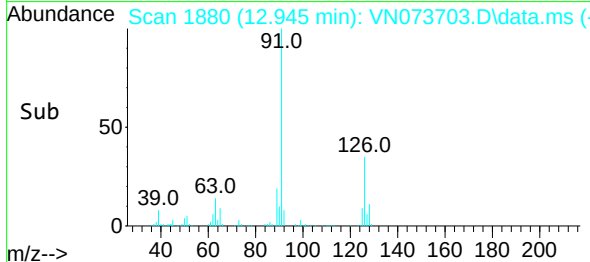
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 726290
Ion Ratio Lower Upper
91 100
126 35.3 17.3 51.9

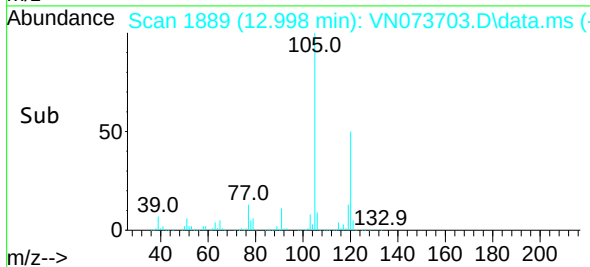
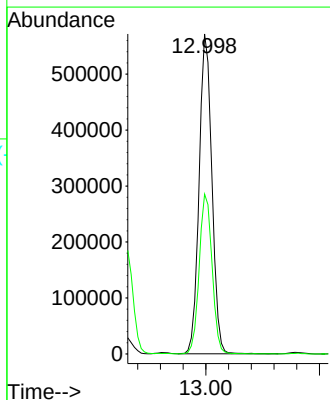
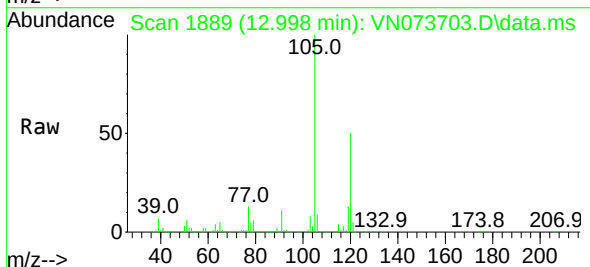
Manual Integrations
APPROVED

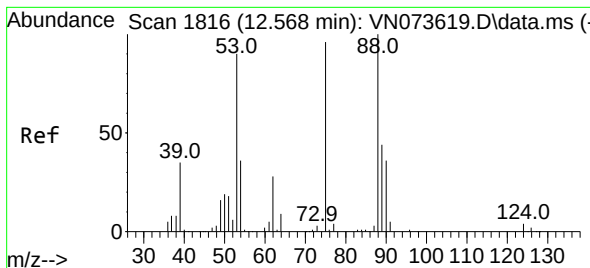
Reviewed By :John Carlone 08/04/2022
Supervised By :Mahesh Dadoda 08/04/2022



#80
1,3,5-Trimethylbenzene
Concen: 55.111 ug/l
RT: 12.998 min Scan# 1889
Delta R.T. -0.000 min
Lab File: VN073703.D
Acq: 03 Aug 2022 11:17

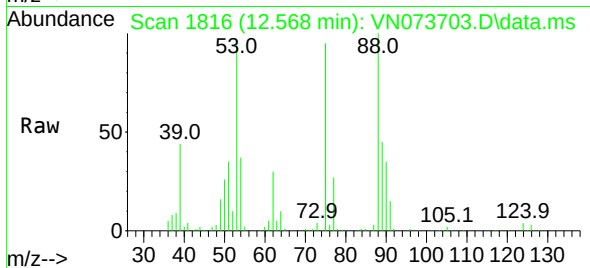
Tgt Ion:105 Resp: 892322
Ion Ratio Lower Upper
105 100
120 50.2 24.9 74.7





#81
trans-1,4-Dichloro-2-butene
Concen: 51.727 ug/l
RT: 12.568 min Scan# 1816
Delta R.T. -0.000 min
Lab File: VN073703.D
Acq: 03 Aug 2022 11:17

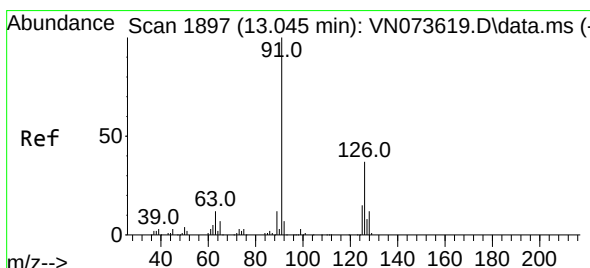
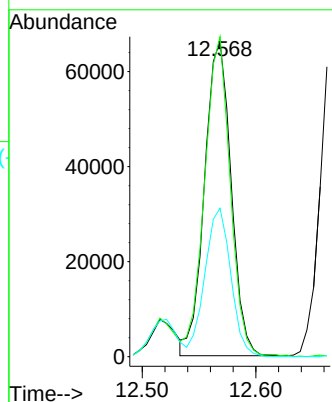
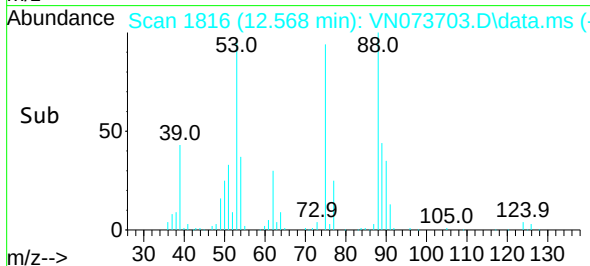
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 107280
Ion Ratio Lower Upper
75 100
53 98.9 78.0 117.0
89 46.2 37.2 55.8

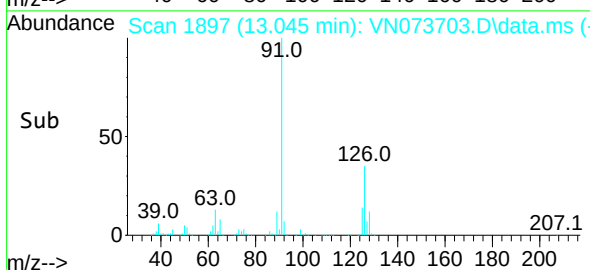
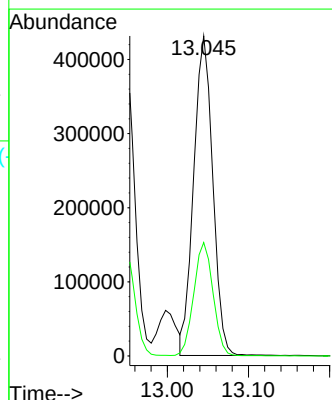
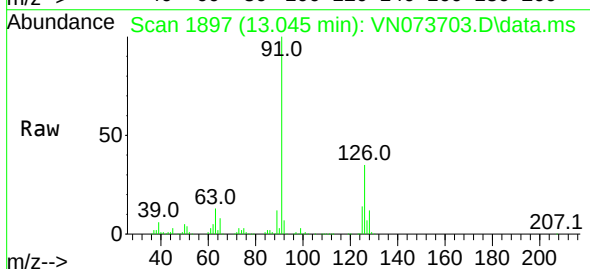
Manual Integrations
APPROVED

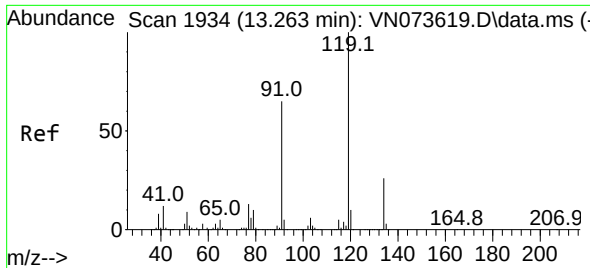
Reviewed By :John Carlone 08/04/2022
Supervised By :Mahesh Dadoda 08/04/2022



#82
4-Chlorotoluene
Concen: 53.739 ug/l
RT: 13.045 min Scan# 1897
Delta R.T. 0.000 min
Lab File: VN073703.D
Acq: 03 Aug 2022 11:17

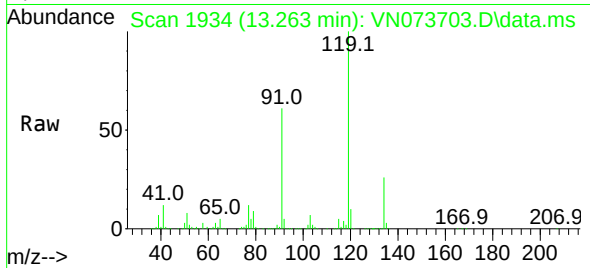
Tgt Ion: 91 Resp: 703730
Ion Ratio Lower Upper
91 100
126 36.1 17.2 51.6





#83
tert-Butylbenzene
Concen: 54.303 ug/l
RT: 13.263 min Scan# 1934
Delta R.T. 0.000 min
Lab File: VN073703.D
Acq: 03 Aug 2022 11:17

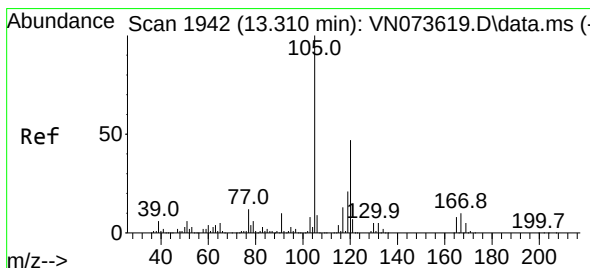
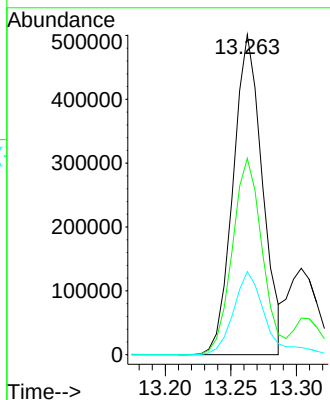
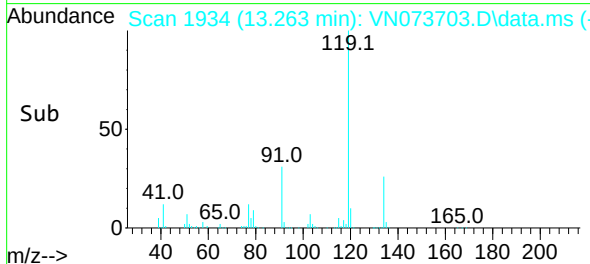
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



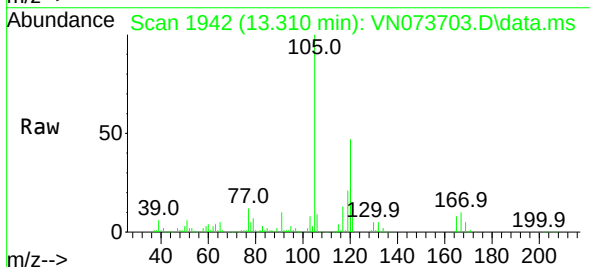
Tgt Ion:119 Resp: 778778
Ion Ratio Lower Upper
119 100
91 62.7 31.6 94.8
134 28.1 13.7 41.1

Manual Integrations
APPROVED

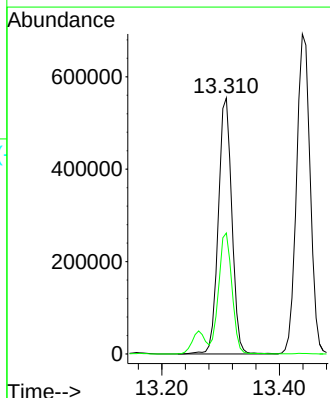
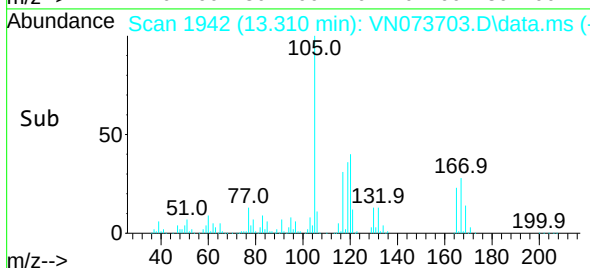
Reviewed By :John Carlone 08/04/2022
Supervised By :Mahesh Dadoda 08/04/2022

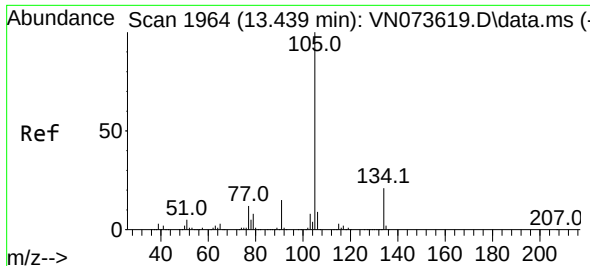


#84
1,2,4-Trimethylbenzene
Concen: 55.643 ug/l
RT: 13.310 min Scan# 1942
Delta R.T. -0.000 min
Lab File: VN073703.D
Acq: 03 Aug 2022 11:17



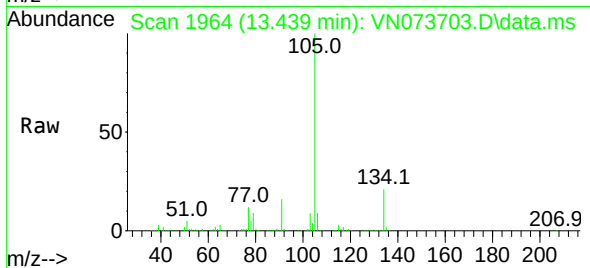
Tgt Ion:105 Resp: 885883
Ion Ratio Lower Upper
105 100
120 46.7 23.3 69.8





#85
 sec-Butylbenzene
 Concen: 56.287 ug/l
 RT: 13.439 min Scan# 1964
 Delta R.T. -0.000 min
 Lab File: VN073703.D
 Acq: 03 Aug 2022 11:17

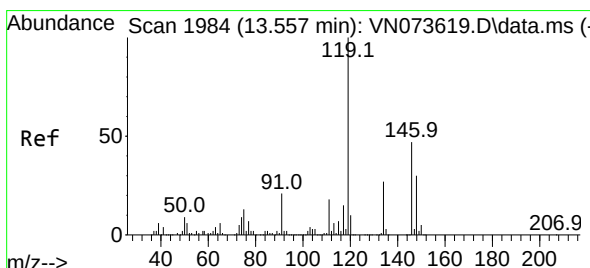
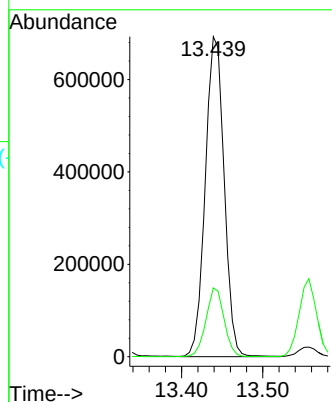
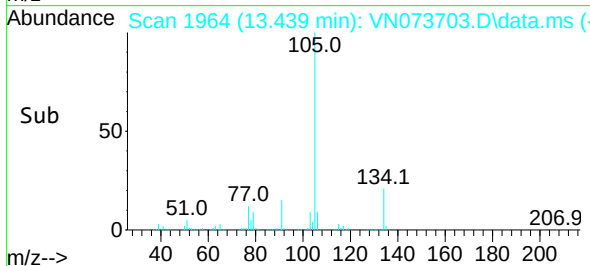
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion:105 Resp: 1115694
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.4 31.1

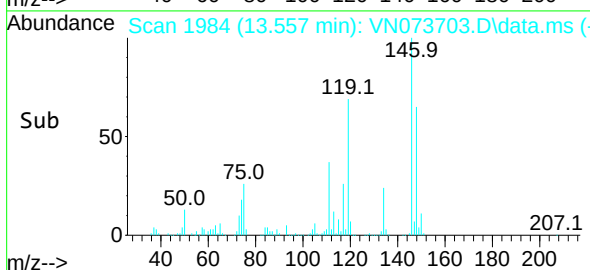
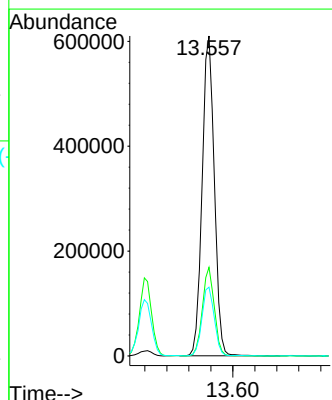
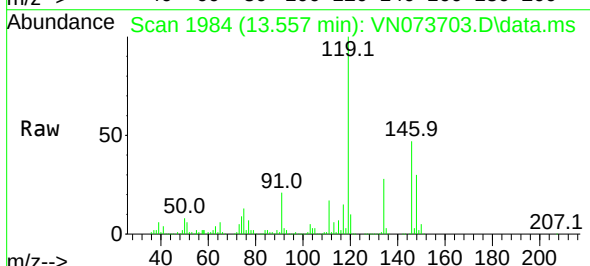
Manual Integrations
 APPROVED

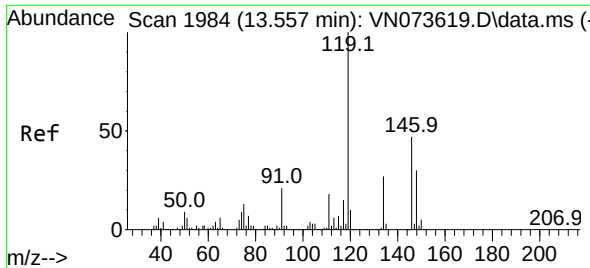
Reviewed By :John Carlone 08/04/2022
 Supervised By :Mahesh Dadoda 08/04/2022



#86
 p-Isopropyltoluene
 Concen: 60.003 ug/l
 RT: 13.557 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN073703.D
 Acq: 03 Aug 2022 11:17

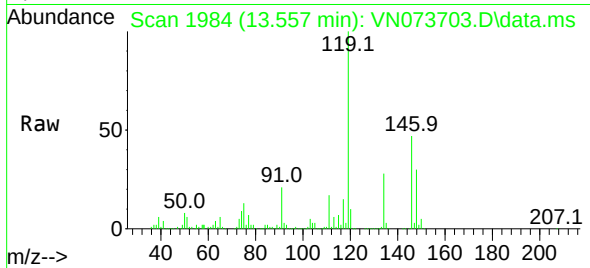
Tgt Ion:119 Resp: 937594
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.3 39.8
 91 21.7 11.3 33.9





#87
1,3-Dichlorobenzene
Concen: 51.657 ug/l
RT: 13.557 min Scan# 1984
Delta R.T. 0.000 min
Lab File: VN073703.D
Acq: 03 Aug 2022 11:17

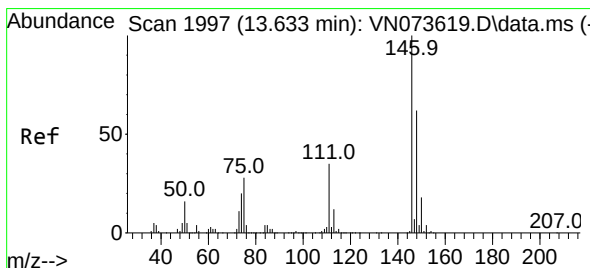
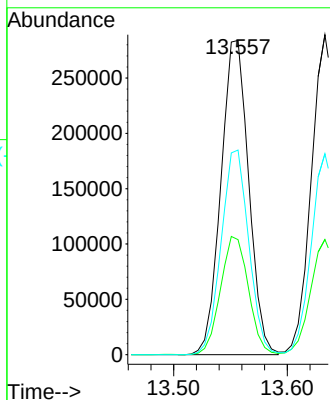
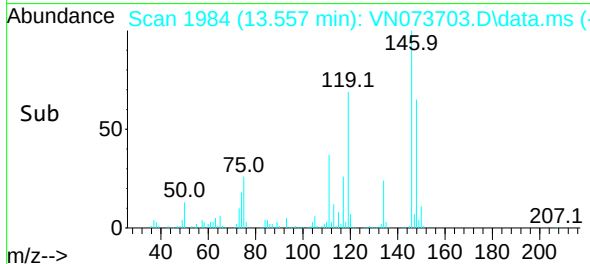
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



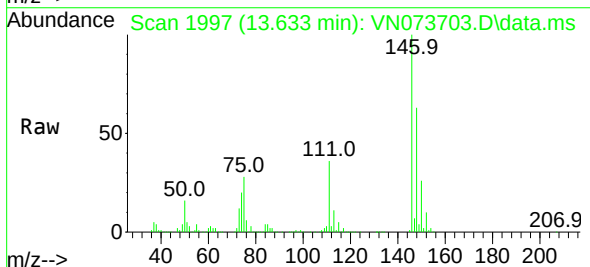
Tgt Ion:146 Resp: 48311
Ion Ratio Lower Upper
146 100
111 37.8 20.0 60.0
148 64.8 32.0 96.0

Manual Integrations
APPROVED

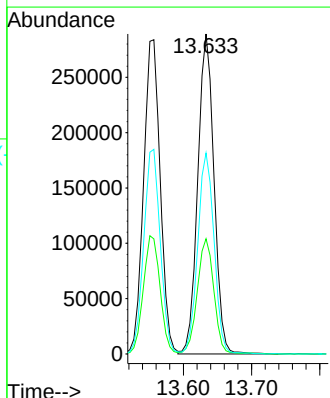
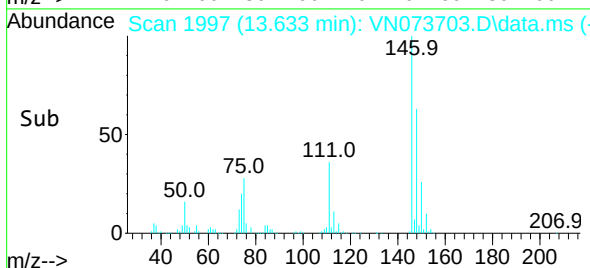
Reviewed By :John Carlone 08/04/2022
Supervised By :Mahesh Dadoda 08/04/2022

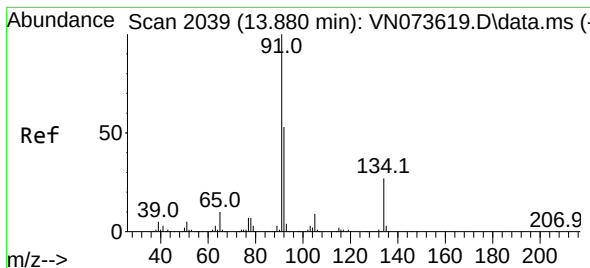


#88
1,4-Dichlorobenzene
Concen: 51.247 ug/l
RT: 13.633 min Scan# 1997
Delta R.T. 0.000 min
Lab File: VN073703.D
Acq: 03 Aug 2022 11:17



Tgt Ion:146 Resp: 479545
Ion Ratio Lower Upper
146 100
111 36.0 19.1 57.1
148 63.1 31.4 94.3





#89

n-Butylbenzene

Concen: 58.477 ug/l

RT: 13.880 min Scan# 2039

Delta R.T. -0.000 min

Lab File: VN073703.D

Acq: 03 Aug 2022 11:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

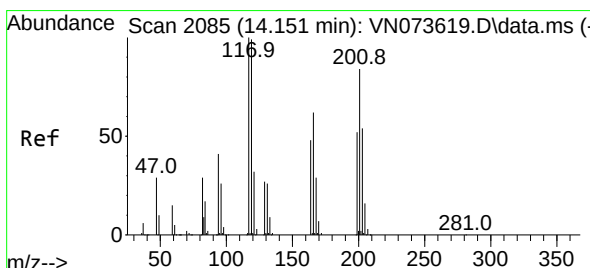
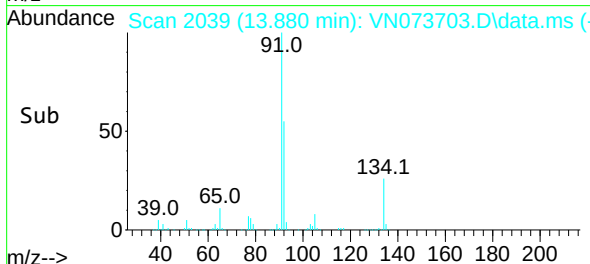
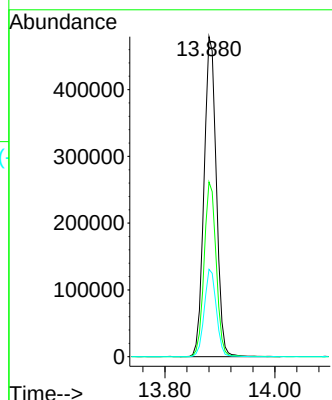
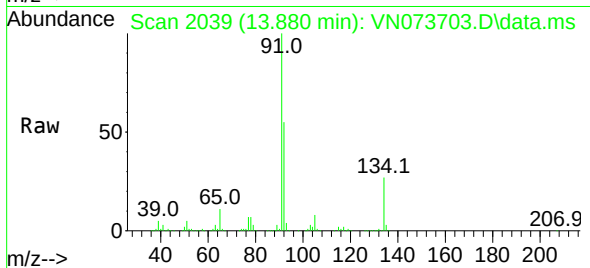
Tgt Ion:	91	Resp:	743469
Ion Ratio	Lower	Upper	
91	100		
92	53.6	26.9	80.7
134	26.8	13.6	40.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/04/2022

Supervised By :Mahesh Dadoda 08/04/2022



#90

Hexachloroethane

Concen: 52.670 ug/l

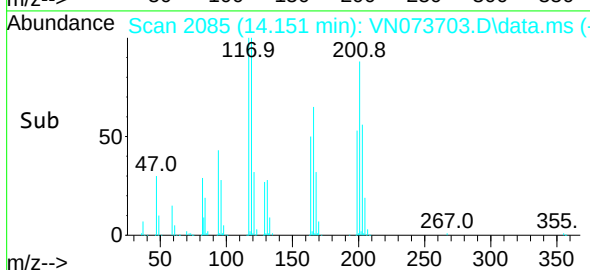
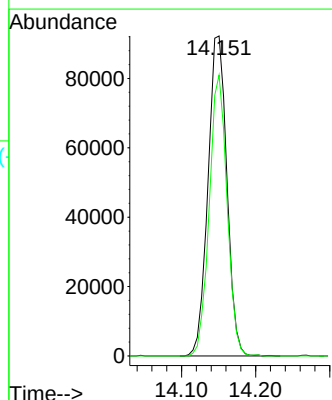
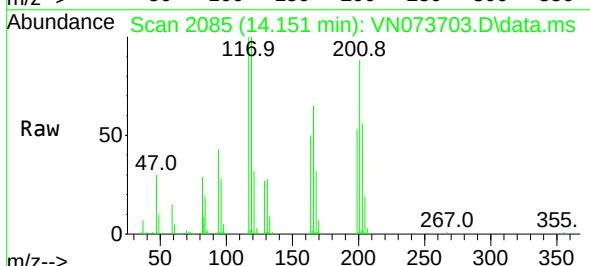
RT: 14.151 min Scan# 2085

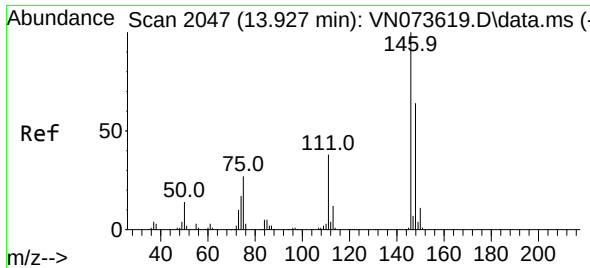
Delta R.T. -0.000 min

Lab File: VN073703.D

Acq: 03 Aug 2022 11:17

Tgt Ion:	117	Resp:	163291
Ion Ratio	Lower	Upper	
117	100		
201	82.5	40.6	122.0





#91

1,2-Dichlorobenzene

Concen: 51.733 ug/l

RT: 13.927 min Scan# 2047

Delta R.T. 0.000 min

Lab File: VN073703.D

Acq: 03 Aug 2022 11:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 490279

Ion Ratio Lower Upper

146 100

111 38.9 20.9 62.8

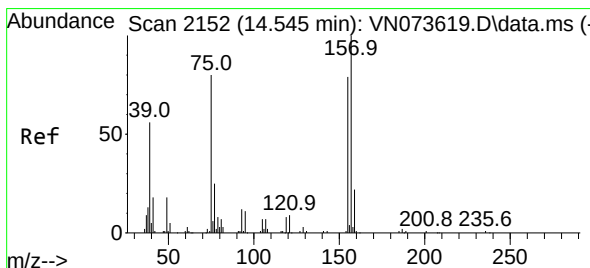
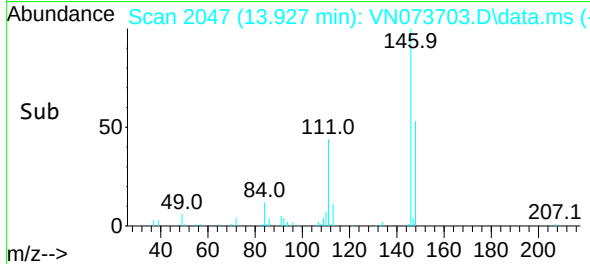
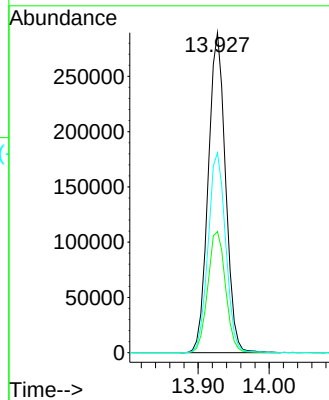
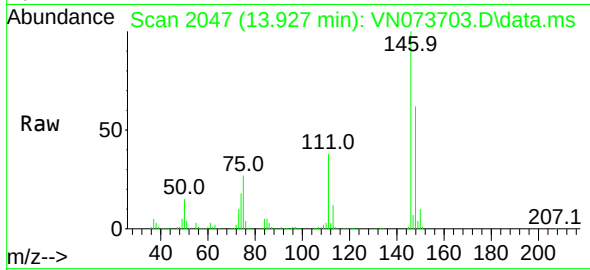
148 63.4 32.1 96.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/04/2022

Supervised By :Mahesh Dadoda 08/04/2022



#92

1,2-Dibromo-3-Chloropropane

Concen: 48.949 ug/l

RT: 14.539 min Scan# 2151

Delta R.T. -0.006 min

Lab File: VN073703.D

Acq: 03 Aug 2022 11:17

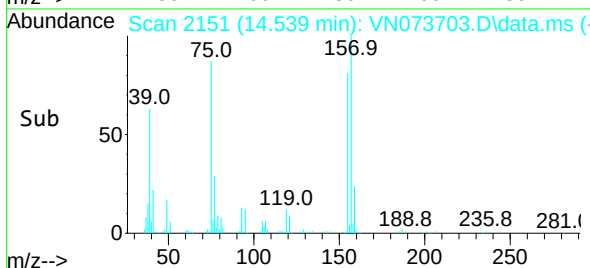
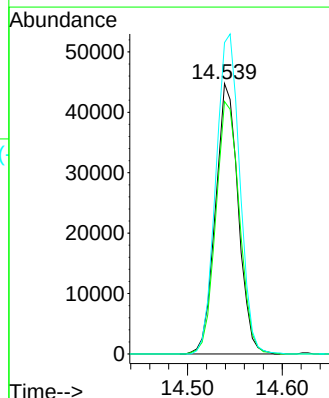
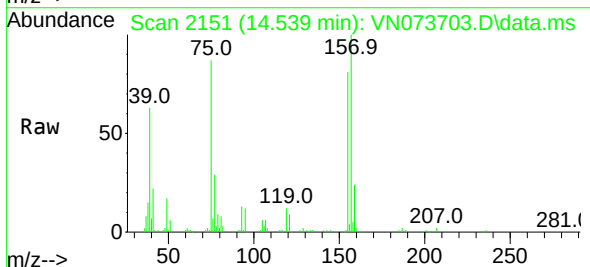
Tgt Ion: 75 Resp: 74668

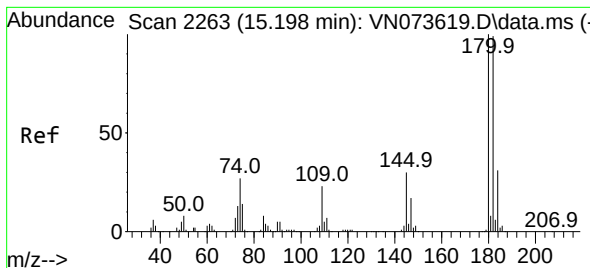
Ion Ratio Lower Upper

75 100

155 97.0 44.9 134.5

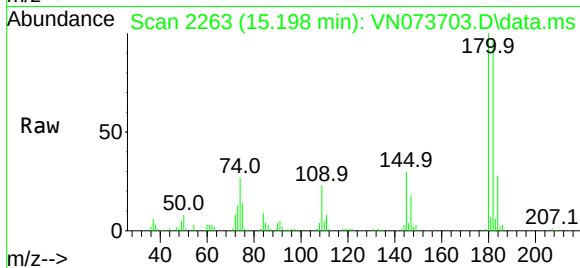
157 124.0 59.0 176.8





#93
1,2,4-Trichlorobenzene
Concen: 57.360 ug/l
RT: 15.198 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN073703.D
Acq: 03 Aug 2022 11:17

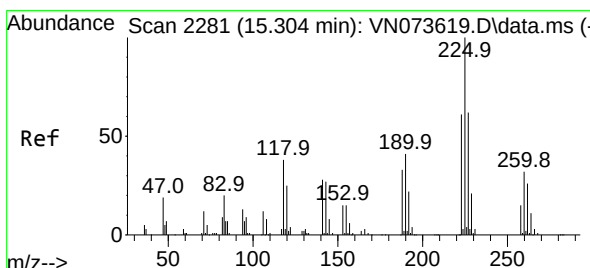
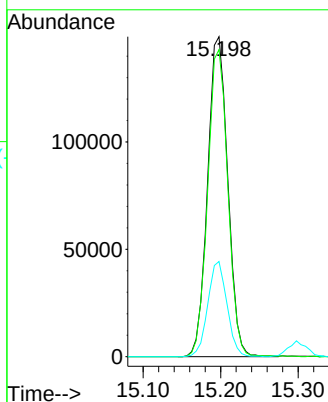
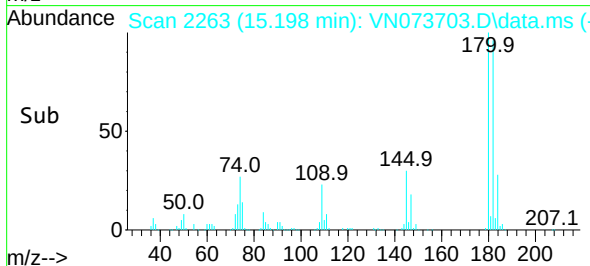
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



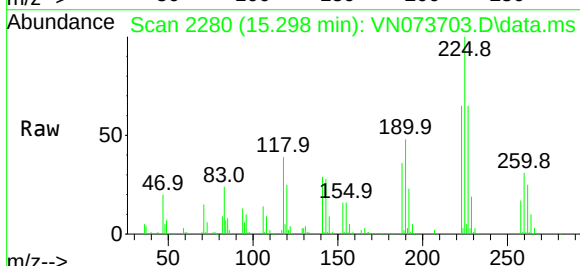
Tgt Ion:180 Resp: 269950
Ion Ratio Lower Upper
180 100
182 95.8 47.5 142.5
145 28.3 14.5 43.5

Manual Integrations
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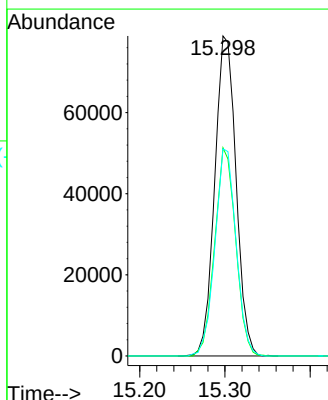
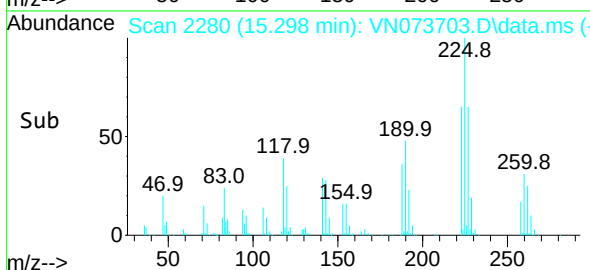
Reviewed By :John Carlone 08/04/2022
Supervised By :Mahesh Dadoda 08/04/2022

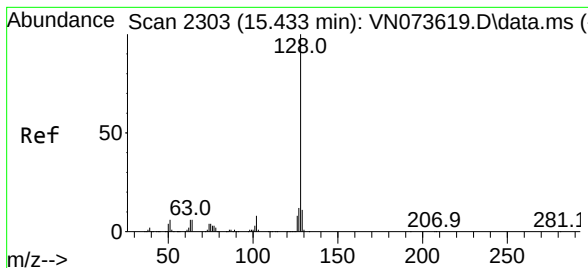


#94
Hexachlorobutadiene
Concen: 53.637 ug/l
RT: 15.298 min Scan# 2280
Delta R.T. -0.006 min
Lab File: VN073703.D
Acq: 03 Aug 2022 11:17



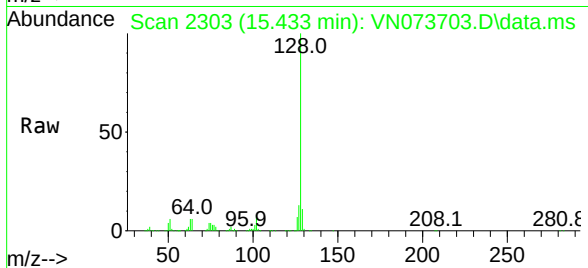
Tgt Ion:225 Resp: 137232
Ion Ratio Lower Upper
225 100
223 63.8 32.4 97.2
227 64.2 31.8 95.4





#95
Naphthalene
Concen: 56.946 ug/l
RT: 15.433 min Scan# 2303
Delta R.T. 0.000 min
Lab File: VN073703.D
Acq: 03 Aug 2022 11:17

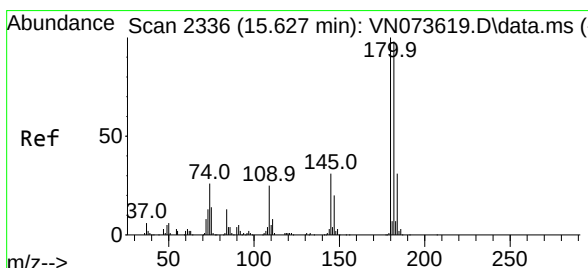
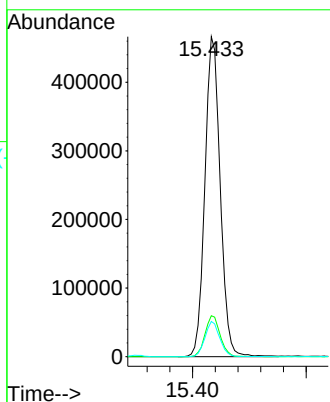
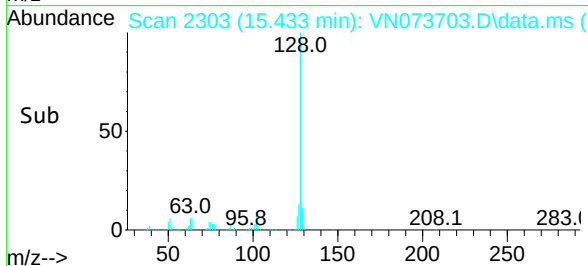
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:128 Resp: 869694
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 10.7 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/04/2022
Supervised By :Mahesh Dadoda 08/04/2022



#96
1,2,3-Trichlorobenzene
Concen: 55.330 ug/l
RT: 15.627 min Scan# 2336
Delta R.T. 0.000 min
Lab File: VN073703.D
Acq: 03 Aug 2022 11:17

Tgt Ion:180 Resp: 274065
Ion Ratio Lower Upper
180 100
182 96.4 47.8 143.3
145 30.1 15.5 46.5

